

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041187.D
 Acq On : 22 Apr 2024 12:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 23 05:16:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	260622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	354510	142.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 285.780%#			
35) Dibromofluoromethane	5.385	113	323279	147.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 295.520%#			
50) Toluene-d8	8.647	98	1097285	148.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 297.300%#			
62) 4-Bromofluorobenzene	11.079	95	429219	157.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 315.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	305014	147.966	ug/l	99
3) Chloromethane	1.294	50	314276	140.818	ug/l	99
4) Vinyl Chloride	1.374	62	326264	146.190	ug/l	98
5) Bromomethane	1.599	94	189323	150.661	ug/l	99
6) Chloroethane	1.666	64	112908	133.165	ug/l	98
7) Trichlorofluoromethane	1.855	101	493570	142.727	ug/l	99
8) Diethyl Ether	2.136	74	181477	142.601	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.312	101	283724	139.447	ug/l	# 86
10) Methyl Iodide	2.441	142	318847	129.951	ug/l	89
11) Tert butyl alcohol	3.081	59	326374	735.232	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	267853	141.023	ug/l	86
13) Acrolein	2.245	56	360852	723.746	ug/l	98
14) Allyl chloride	2.654	41	394315	127.796	ug/l	# 94
15) Acrylonitrile	3.075	53	758195	667.585	ug/l	100
16) Acetone	2.398	43	610098	675.598	ug/l	95
17) Carbon Disulfide	2.495	76	579361	146.020	ug/l	99
18) Methyl Acetate	2.709	43	341456	127.822	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	907507	133.655	ug/l	100
20) Methylene Chloride	2.788	84	282967	128.301	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	274451	130.757	ug/l	89
22) Diisopropyl ether	3.770	45	935140	140.177	ug/l	# 81
23) Vinyl Acetate	3.727	43	4087038	716.128	ug/l	# 93
24) 1,1-Dichloroethane	3.605	63	497552	133.422	ug/l	97
25) 2-Butanone	4.568	43	1145041	742.460	ug/l	95
26) 2,2-Dichloropropane	4.471	77	494457	156.884	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	390366	150.049	ug/l	87
28) Bromochloromethane	4.897	49	191231	135.129	ug/l	# 68
29) Tetrahydrofuran	5.013	42	772106	734.882	ug/l	93
30) Chloroform	5.092	83	589357	147.242	ug/l	97
31) Cyclohexane	5.464	56	487263	145.932	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	552984	154.114	ug/l	96
36) 1,1-Dichloropropene	5.684	75	409112	146.141	ug/l	95
37) Ethyl Acetate	4.721	43	475043	154.666	ug/l	98
38) Carbon Tetrachloride	5.672	117	490074	156.736	ug/l	99
39) Methylcyclohexane	7.373	83	559414	150.658	ug/l	91
40) Benzene	6.031	78	1256455	145.326	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	252023	157.615	ug/l	92
42) 1,2-Dichloroethane	6.086	62	435830	145.386	ug/l	93
43) Isopropyl Acetate	6.348	43	767261	155.075	ug/l	95
44) Trichloroethene	7.123	130	371545	147.812	ug/l	84
45) 1,2-Dichloropropane	7.427	63	305539	147.392	ug/l	99
46) Dibromomethane	7.580	93	234426	151.658	ug/l #	75
47) Bromodichloromethane	7.824	83	464076	162.877	ug/l	98
48) Methyl methacrylate	7.696	41	373970	159.803	ug/l	90
49) 1,4-Dioxane	7.677	88	152177	3021.203	ug/l #	88
51) 4-Methyl-2-Pentanone	8.586	43	2311786	746.483	ug/l	94
52) Toluene	8.720	92	829022	152.175	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	489036	174.982	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	520649	163.874	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	323701	152.277	ug/l	98
56) Ethyl methacrylate	9.122	69	544162	167.447	ug/l	92
57) 1,3-Dichloropropane	9.311	76	527848	150.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1194083	754.955	ug/l	90
59) 2-Hexanone	9.439	43	1792721	754.885	ug/l	93
60) Dibromochloromethane	9.525	129	414457	168.897	ug/l	100
61) 1,2-Dibromoethane	9.610	107	351706	154.209	ug/l	99
64) Tetrachloroethene	9.275	164	361253	146.428	ug/l	89
65) Chlorobenzene	10.079	112	972794	146.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	360755	159.088	ug/l	98
67) Ethyl Benzene	10.195	91	1566278	148.250	ug/l	95
68) m/p-Xylenes	10.299	106	1278589	299.786	ug/l	88
69) o-Xylene	10.640	106	635621	153.231	ug/l	88
70) Styrene	10.652	104	1072526	158.930	ug/l	94
71) Bromoform	10.799	173	356323	183.793	ug/l #	99
73) Isopropylbenzene	10.963	105	1597190	139.456	ug/l	95
74) N-amyl acetate	10.841	43	691887	153.712	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	505274	139.893	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	391631m	132.051	ug/l	
77) Bromobenzene	11.201	156	470812	141.262	ug/l	76
78) n-propylbenzene	11.305	91	1779992	143.934	ug/l	94
79) 2-Chlorotoluene	11.366	91	1076707	137.584	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	1355590	142.271	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	179546	170.802	ug/l	85
82) 4-Chlorotoluene	11.457	91	1256425	141.674	ug/l	91
83) tert-Butylbenzene	11.713	119	1505678	147.565	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	1367292	144.579	ug/l	91
85) sec-Butylbenzene	11.890	105	1732468	147.034	ug/l	93
86) p-Isopropyltoluene	12.006	119	1562044	150.435	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	864905	144.466	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	849820	138.345	ug/l	95
89) n-Butylbenzene	12.335	91	1283753	162.833	ug/l	95
90) Hexachloroethane	12.536	117	281793	164.521	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	867550	144.675	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	119463	157.631	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.585	180	663328	159.545	ug/l	96
94) Hexachlorobutadiene	13.725	225	325641	153.302	ug/l	99
95) Naphthalene	13.774	128	1832548	153.406	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	658985	150.476	ug/l	95

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

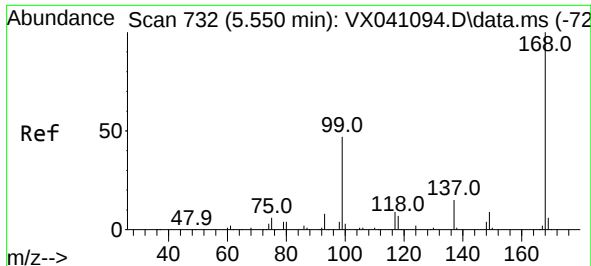
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:16:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:06:51 2024
Response via : Initial Calibration

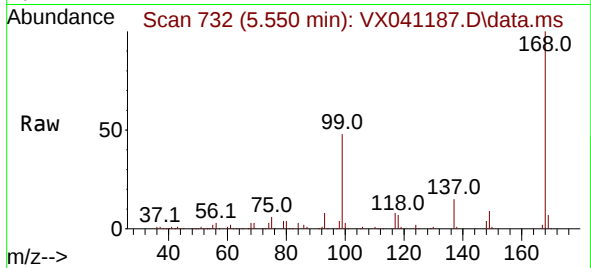
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

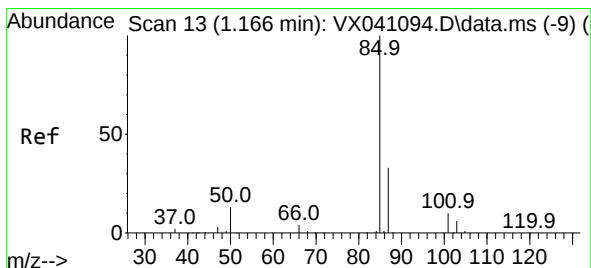
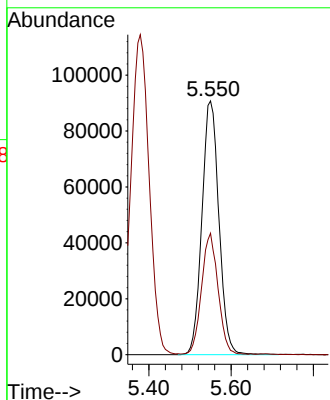
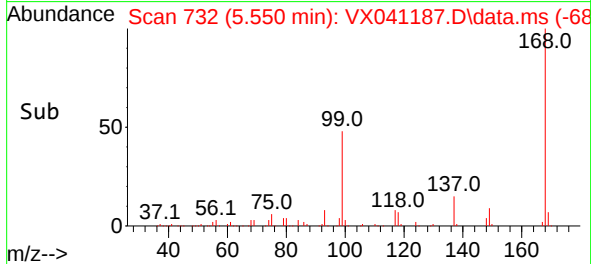
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 26062
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0

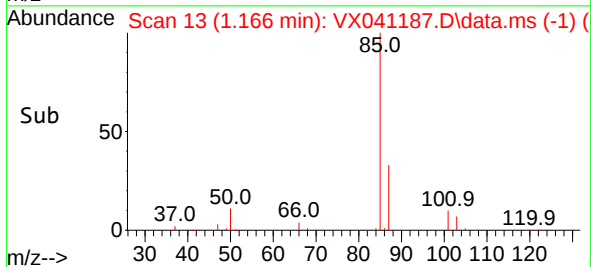
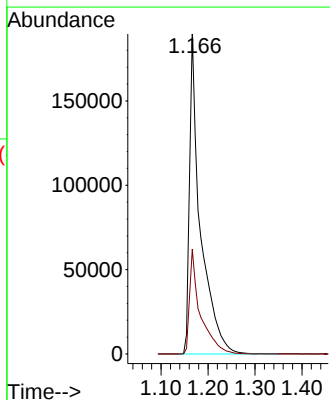
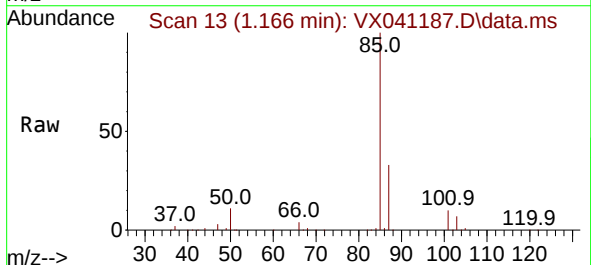
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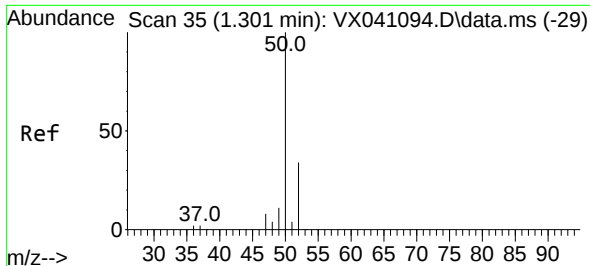
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 147.966 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

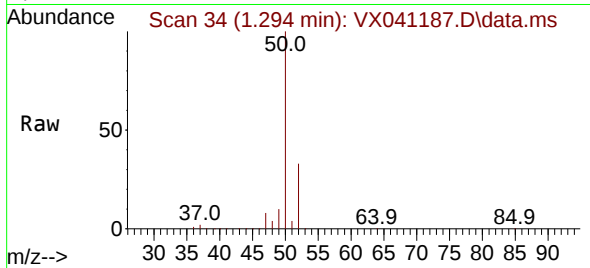
Tgt Ion: 85 Resp: 305014
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 140.818 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

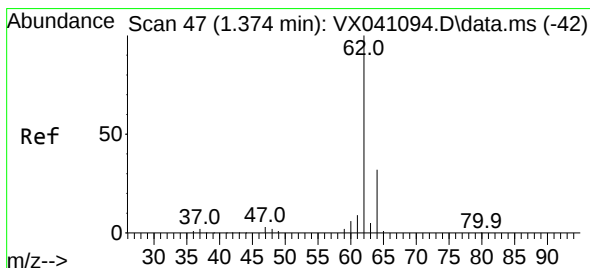
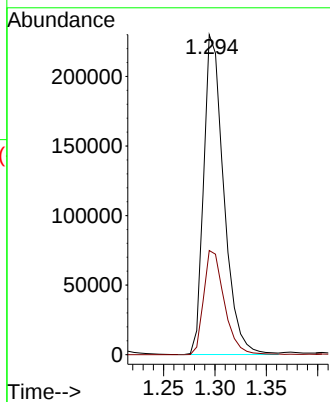
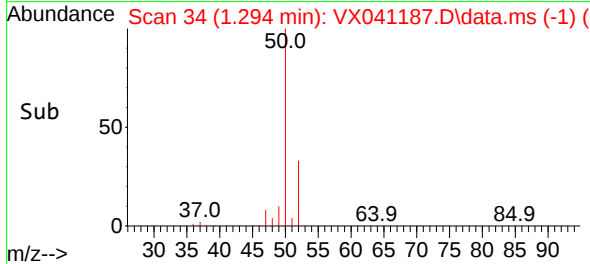
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 314270
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

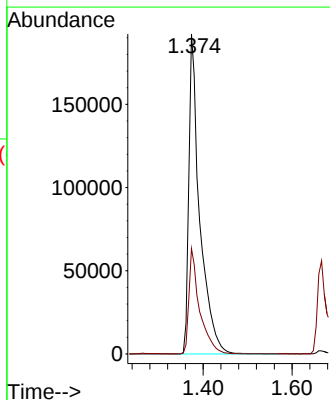
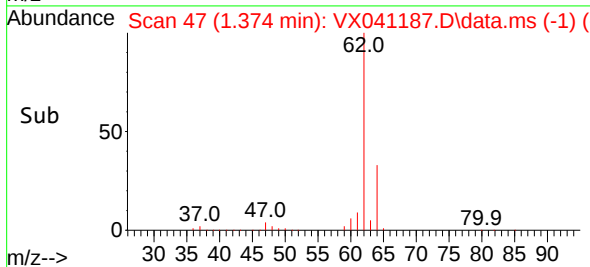
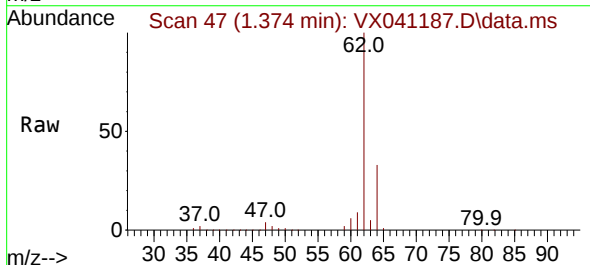
Manual Integrations
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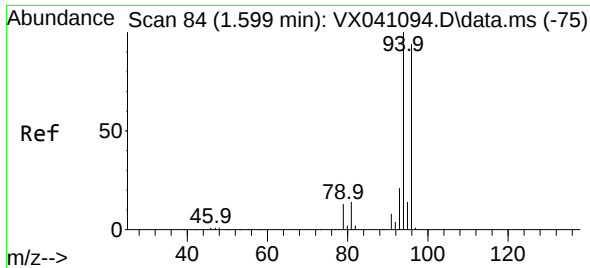
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#4
Vinyl Chloride
Concen: 146.190 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

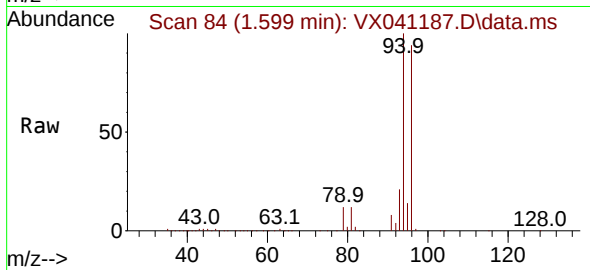
Tgt Ion: 62 Resp: 326264
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 150.661 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041187.D
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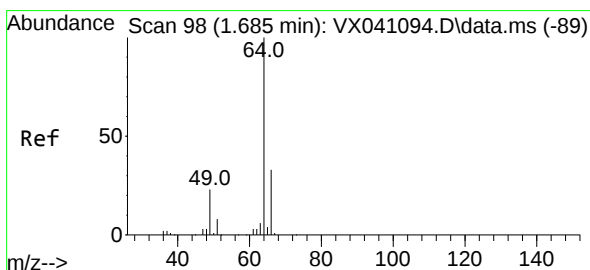
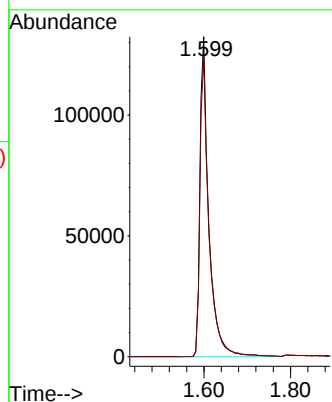
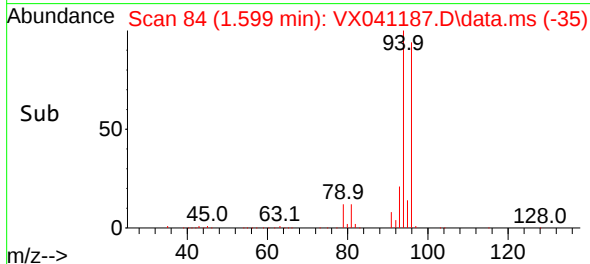
Instrument :
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Tgt Ion: 94 Resp: 18932
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

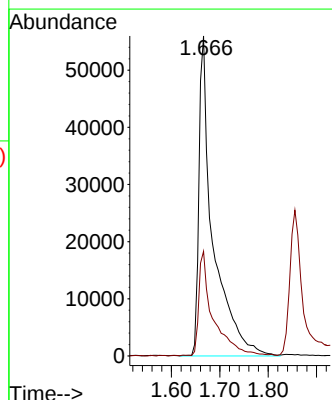
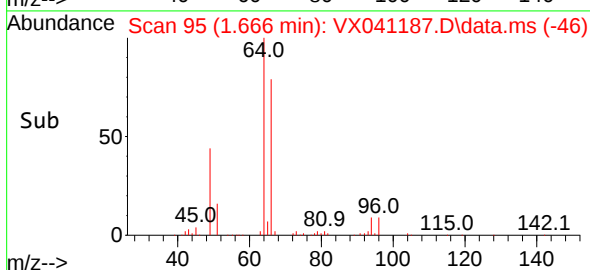
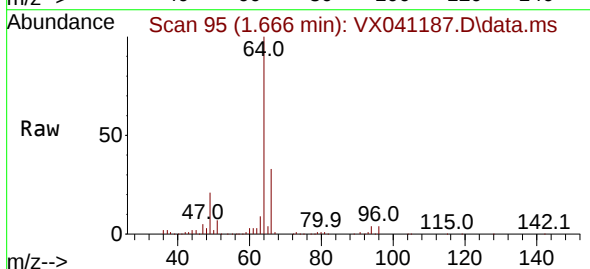
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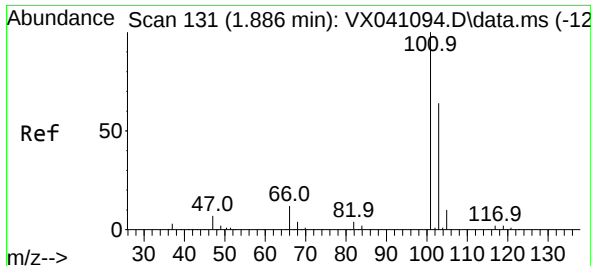
Reviewed By :John Carlone 04/23/2024
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#6
Chloroethane
Concen: 133.165 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041187.D
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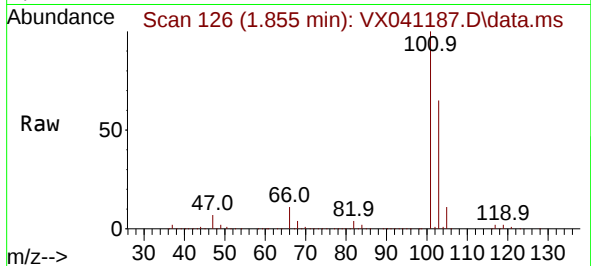
Tgt Ion: 64 Resp: 112908
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 142.727 ug/l
RT: 1.855 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

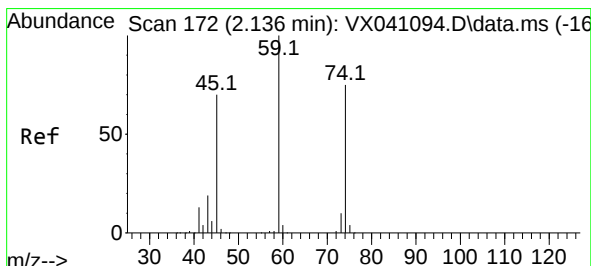
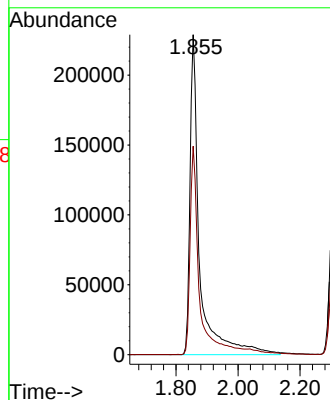
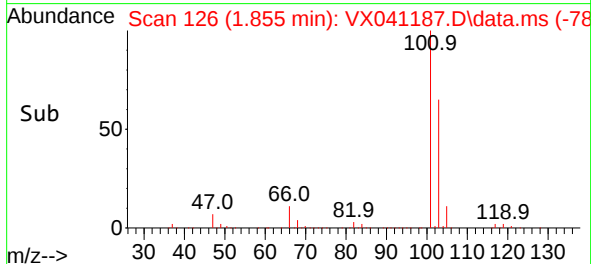
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 493570
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

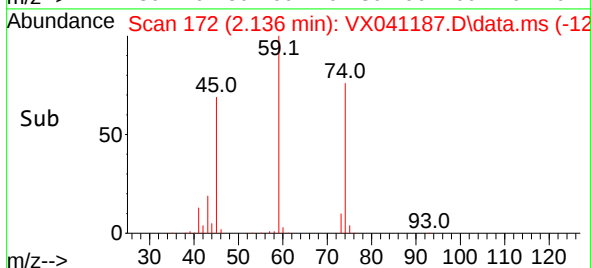
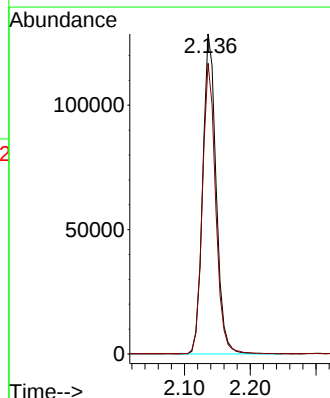
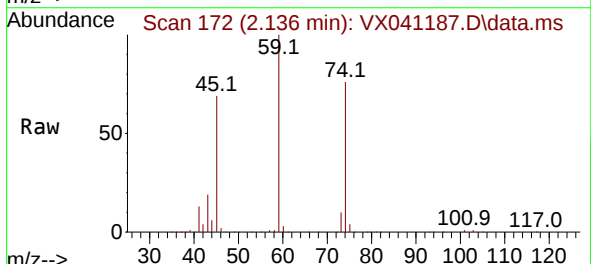
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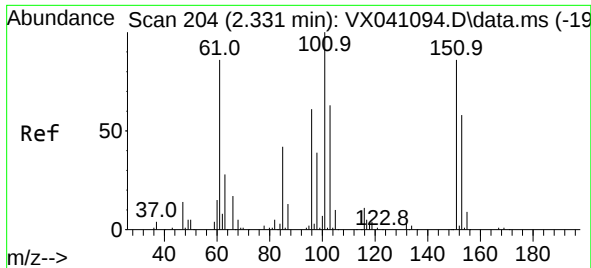
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#8
Diethyl Ether
Concen: 142.601 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 181477
Ion Ratio Lower Upper
74 100
45 90.4 53.3 159.8





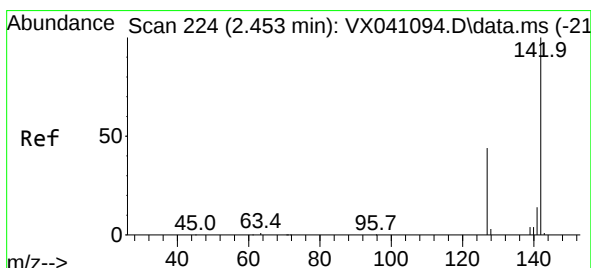
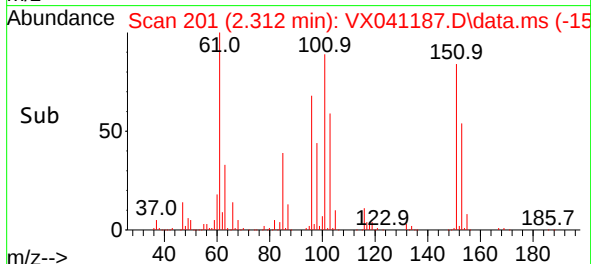
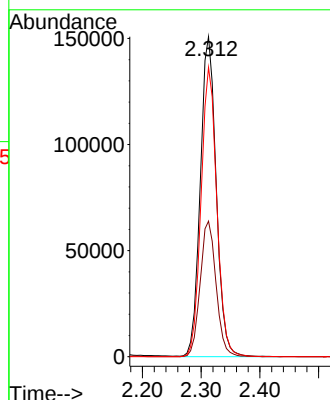
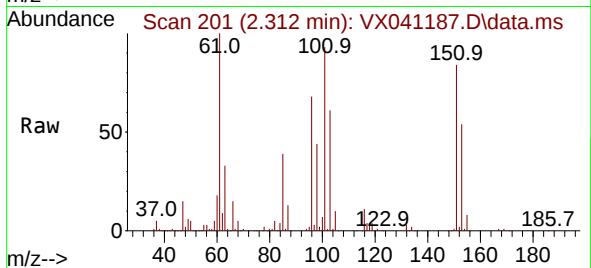
#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.447 ug/l
RT: 2.312 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 283724
Ion Ratio Lower Upper
101 100
85 42.4 37.0 55.6
151 89.6 58.6 87.8

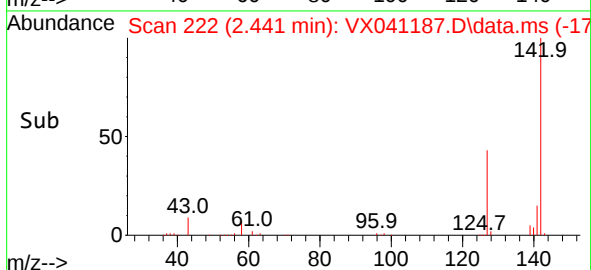
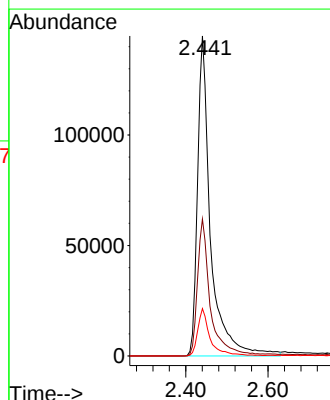
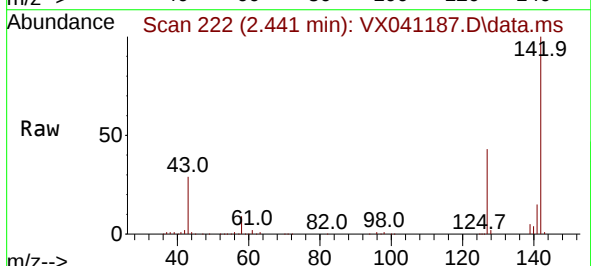
Manual Integrations
APPROVED

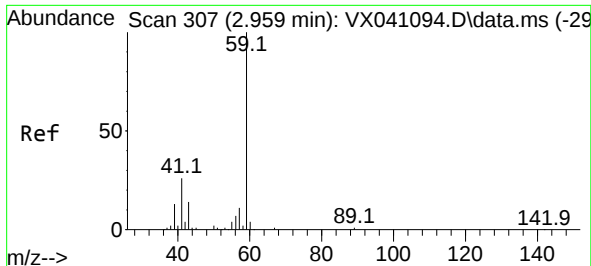
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 129.951 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

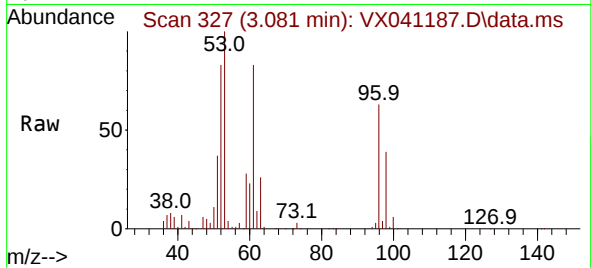
Tgt Ion:142 Resp: 318847
Ion Ratio Lower Upper
142 100
127 42.1 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 735.232 ug/l
RT: 3.081 min Scan# 307
Delta R.T. 0.018 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

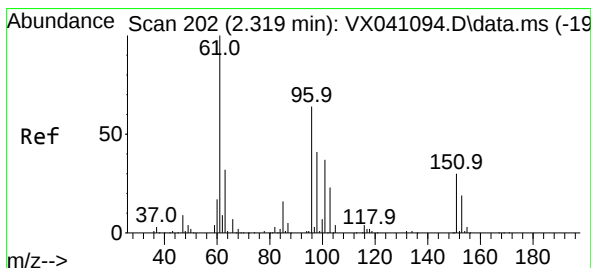
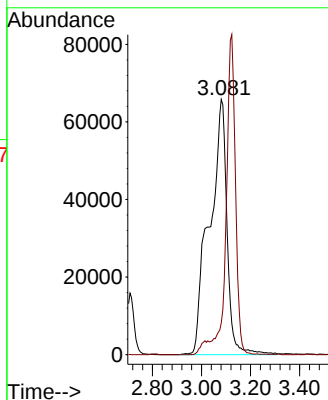
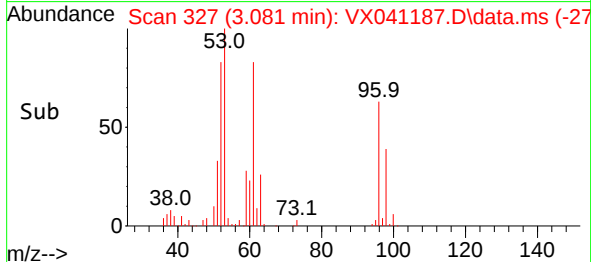
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 326374
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

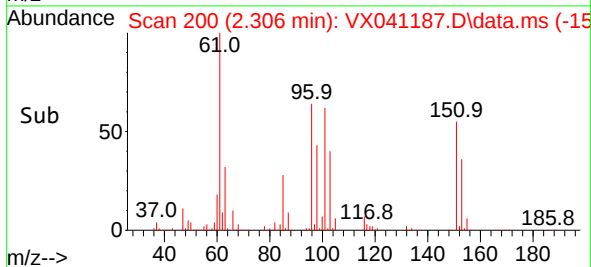
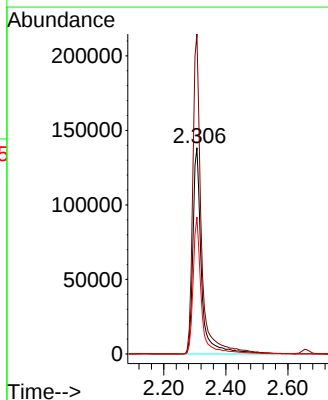
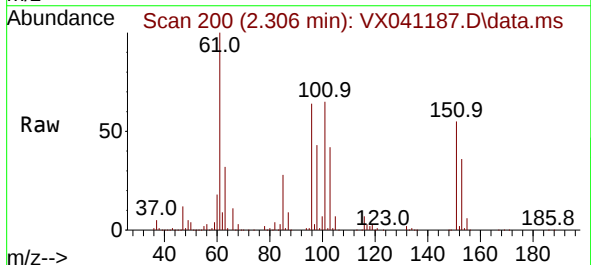
Manual Integrations
APPROVED

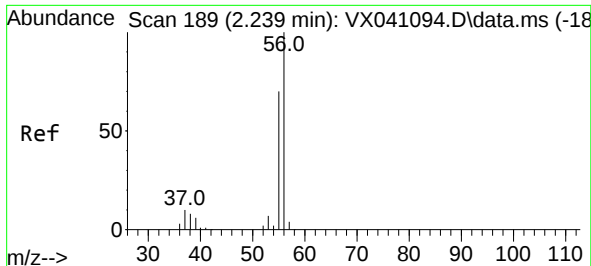
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#12
1,1-Dichloroethene
Concen: 141.023 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

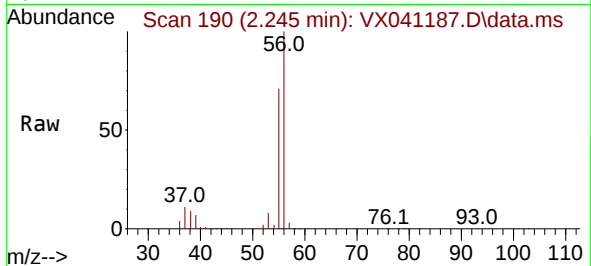
Tgt Ion: 96 Resp: 267853
Ion Ratio Lower Upper
96 100
61 155.1 144.6 216.8
98 66.3 50.4 75.6





#13
Acrolein
Concen: 723.746 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

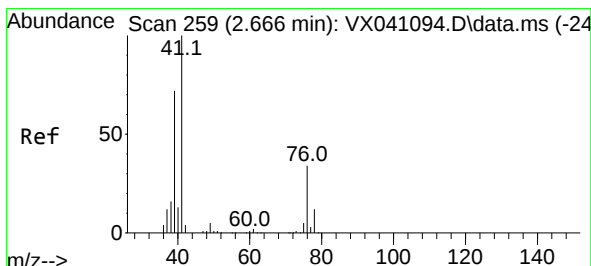
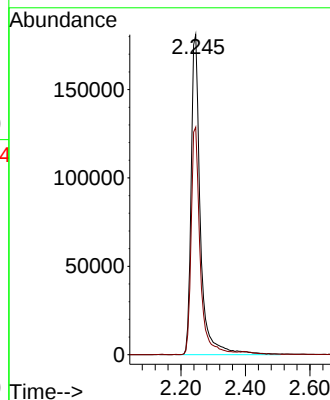
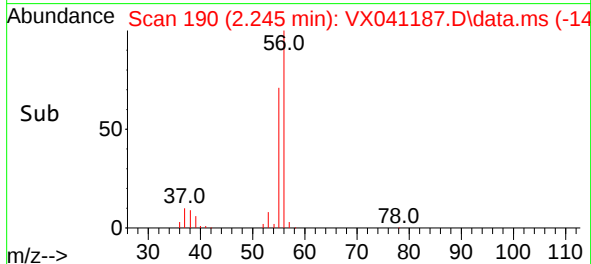
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 360852
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7

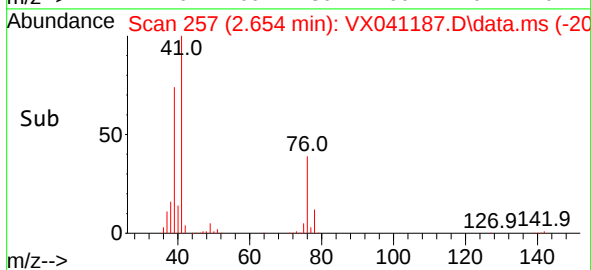
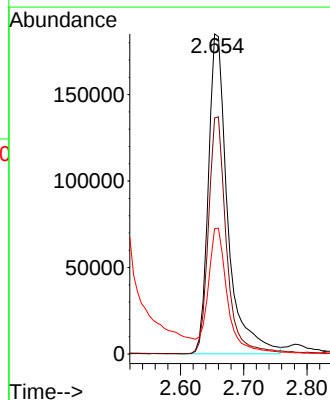
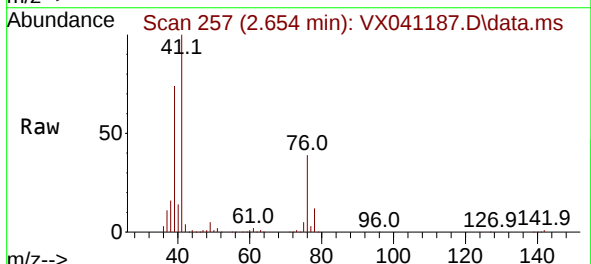
Manual Integrations
APPROVED

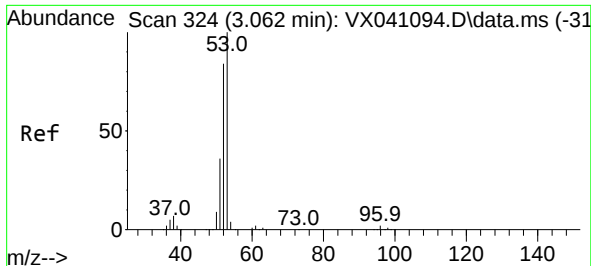
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#14
Allyl chloride
Concen: 127.796 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

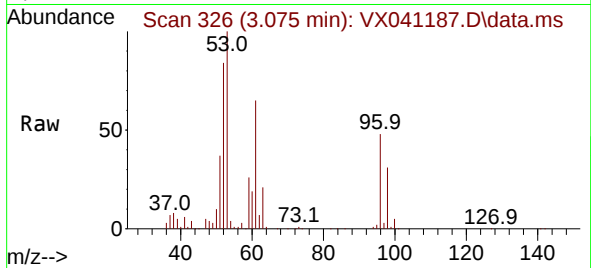
Tgt Ion: 41 Resp: 394315
Ion Ratio Lower Upper
41 100
39 69.3 55.8 83.6
76 40.3 24.3 36.5





#15
Acrylonitrile
Concen: 667.585 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

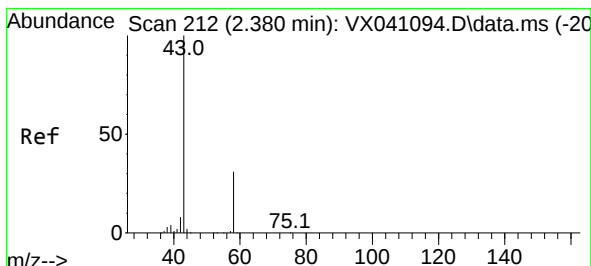
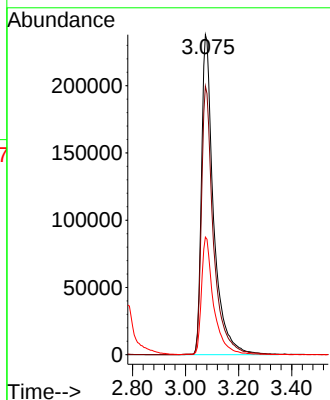
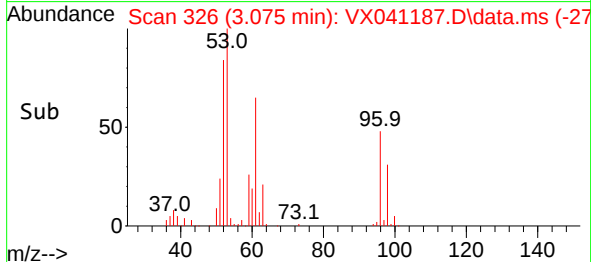
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 75819
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.6 29.8 44.6

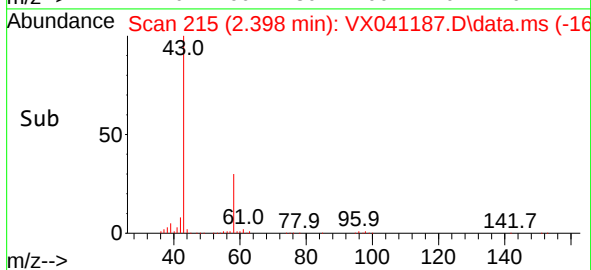
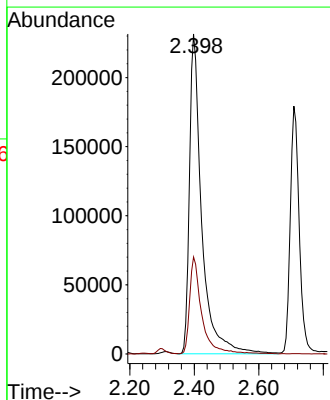
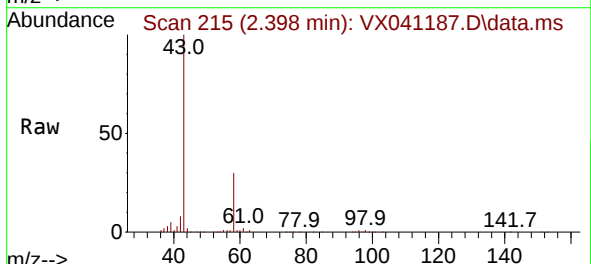
Manual Integrations
APPROVED

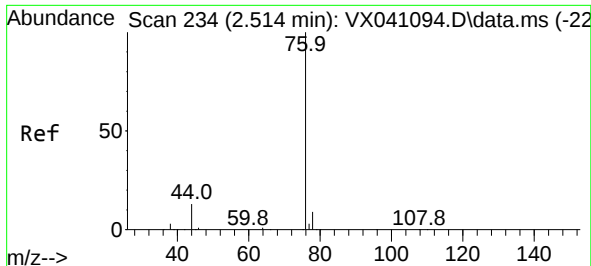
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#16
Acetone
Concen: 675.598 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion: 43 Resp: 610098
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9





#17

Carbon Disulfide

Concen: 146.020 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 57936

Ion Ratio Lower Upper

76 100

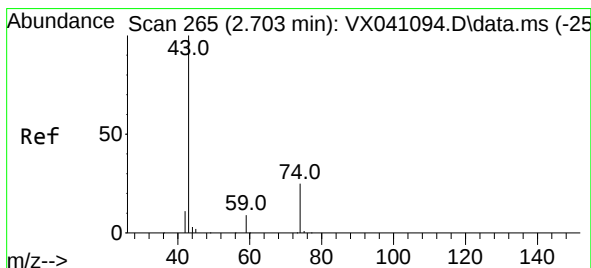
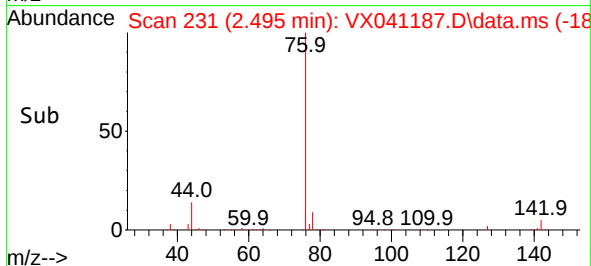
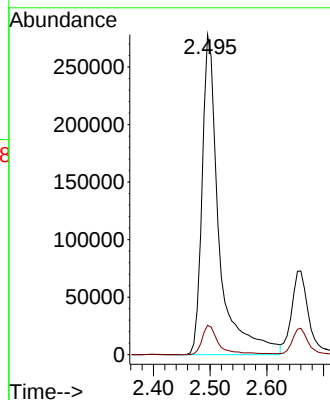
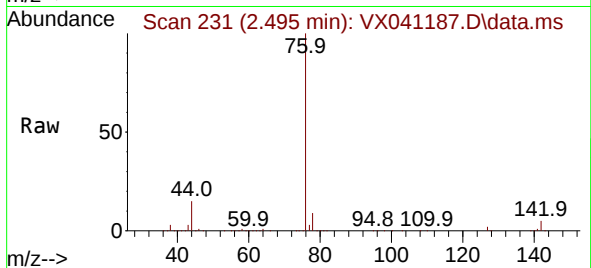
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#18

Methyl Acetate

Concen: 127.822 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041187.D

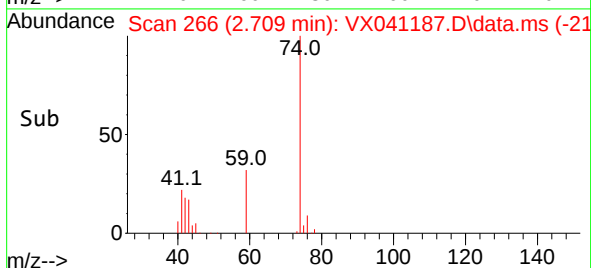
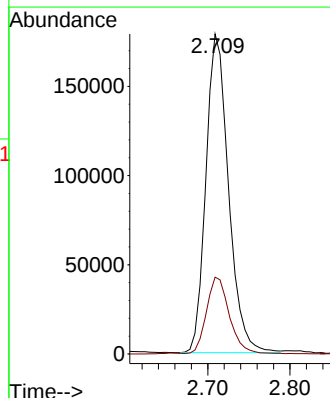
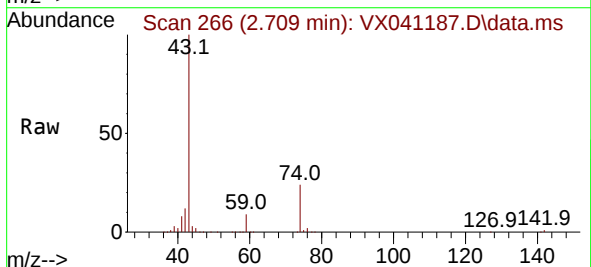
Acq: 22 Apr 2024 12:52

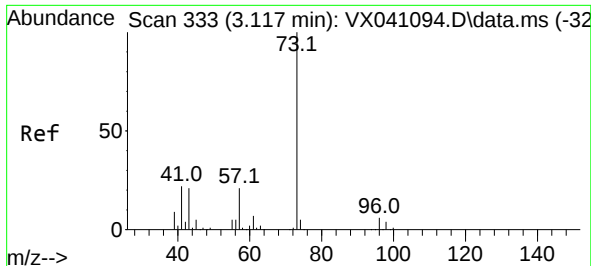
Tgt Ion: 43 Resp: 341456

Ion Ratio Lower Upper

43 100

74 24.4 17.8 26.8





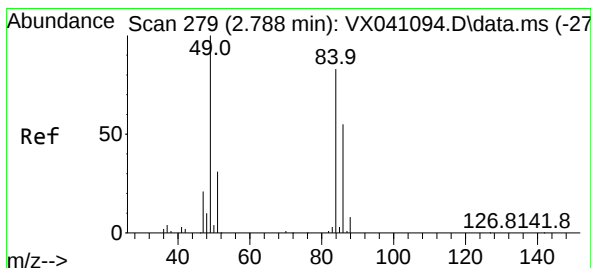
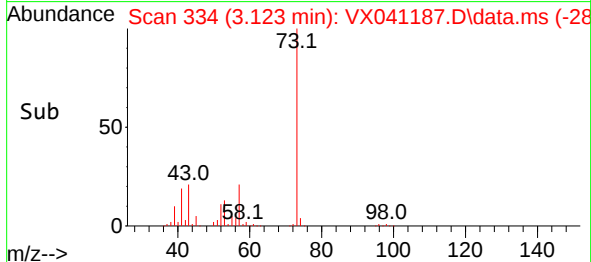
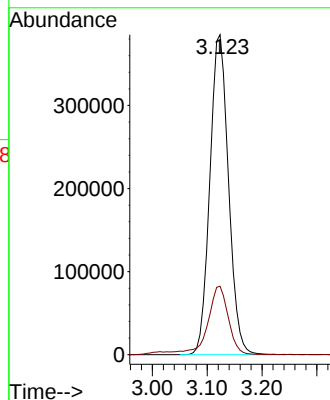
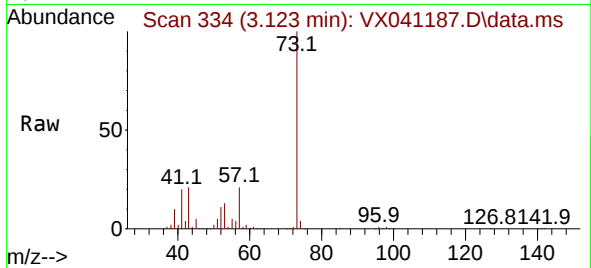
#19
Methyl tert-butyl Ether
Concen: 133.655 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 90750
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

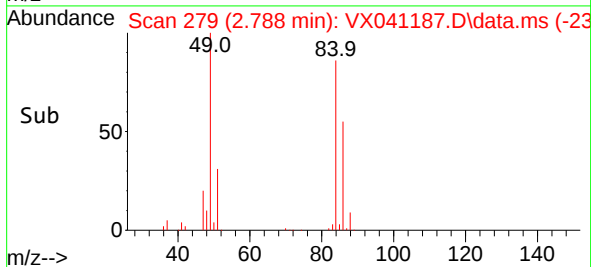
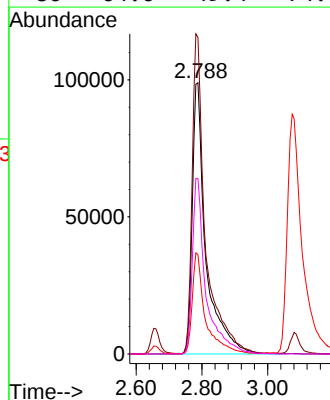
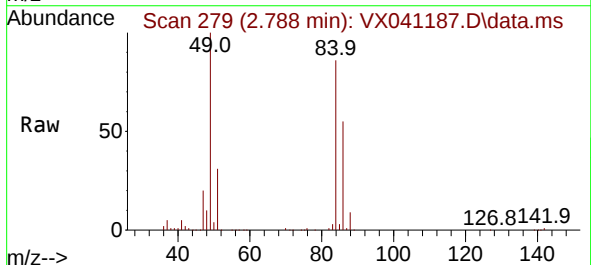
Manual Integrations
APPROVED

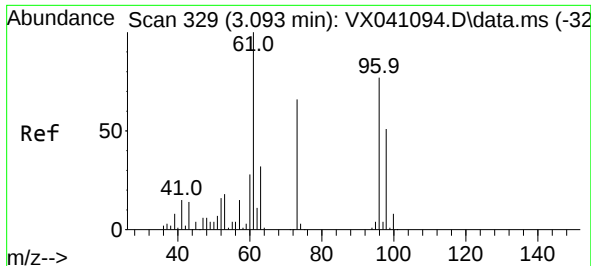
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 128.301 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

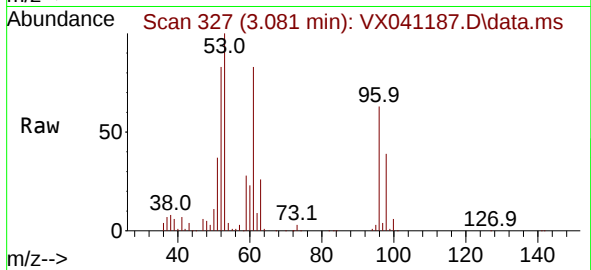
Tgt Ion: 84 Resp: 282967
Ion Ratio Lower Upper
84 100
49 116.5 103.6 155.4
51 36.5 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 130.757 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

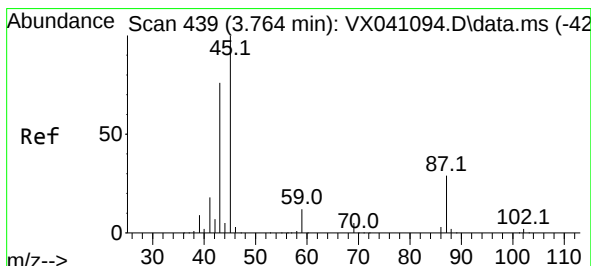
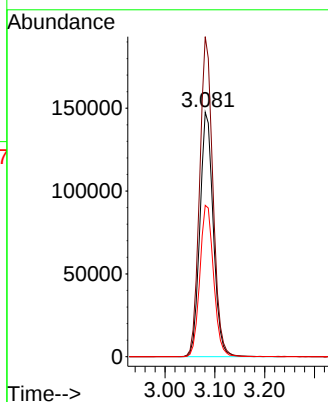
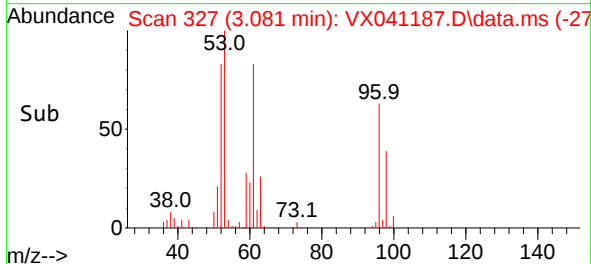
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



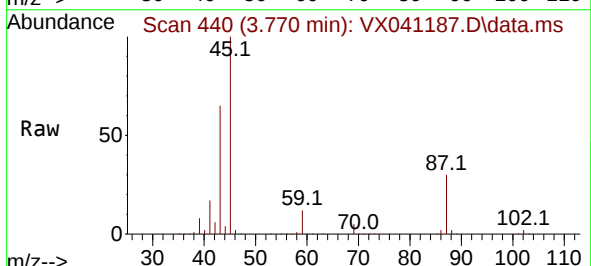
Tgt Ion: 96 Resp: 27445
Ion Ratio Lower Upper
96 100
61 130.8 119.2 178.8
98 61.9 48.7 73.1

Manual Integrations
APPROVED

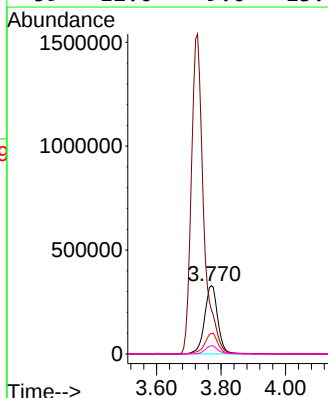
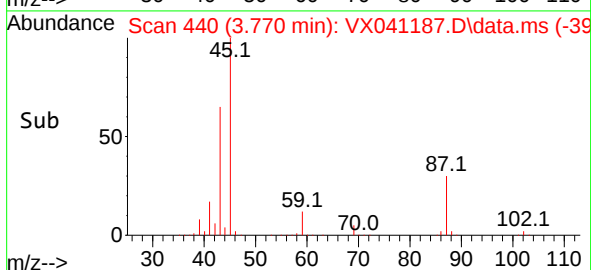
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

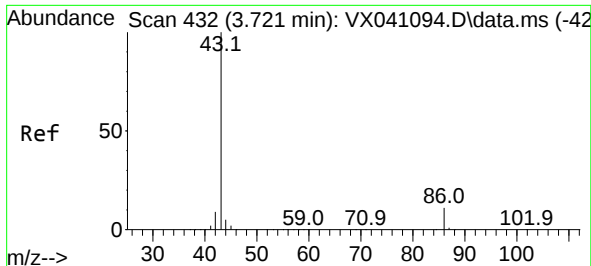


#22
Diisopropyl ether
Concen: 140.177 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52



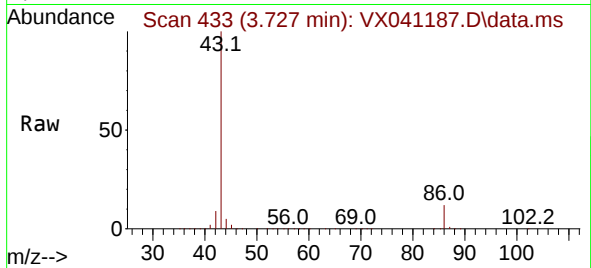
Tgt Ion: 45 Resp: 935140
Ion Ratio Lower Upper
45 100
43 64.9 69.7 104.5#
87 30.0 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 716.128 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX041187.D
 Acq: 22 Apr 2024 12:52

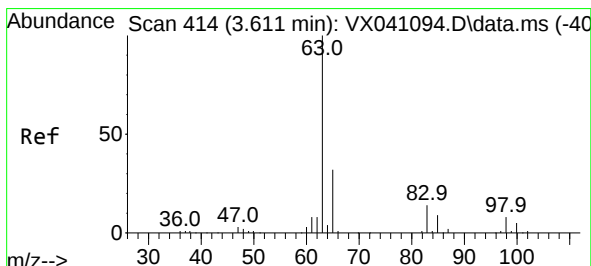
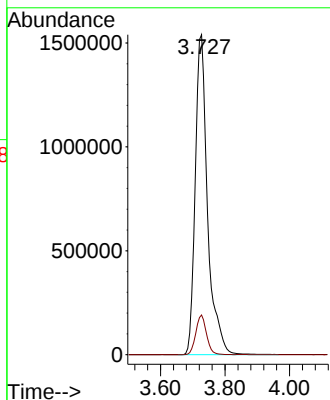
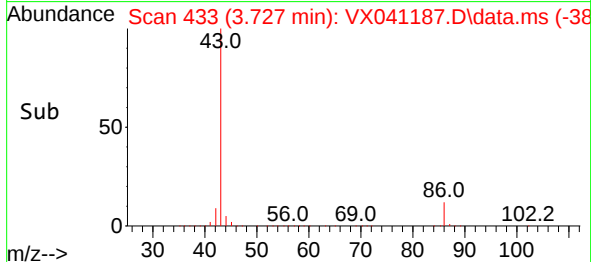
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



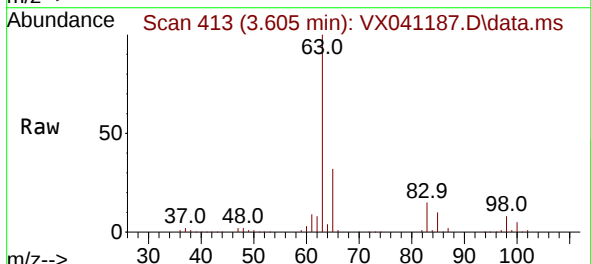
Tgt Ion: 43 Resp: 4087038
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.8 11.8

Manual Integrations
 APPROVED

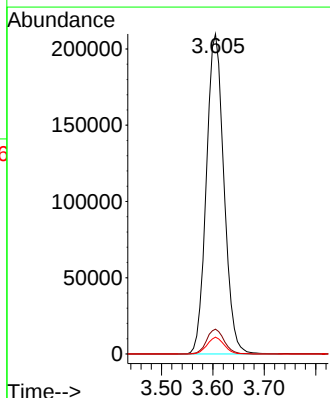
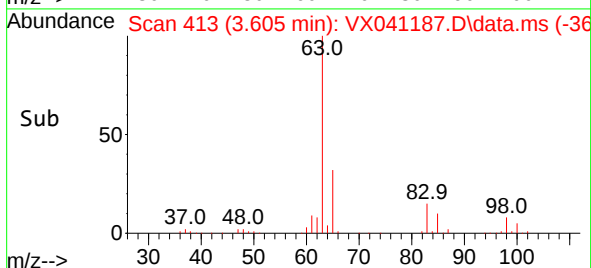
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

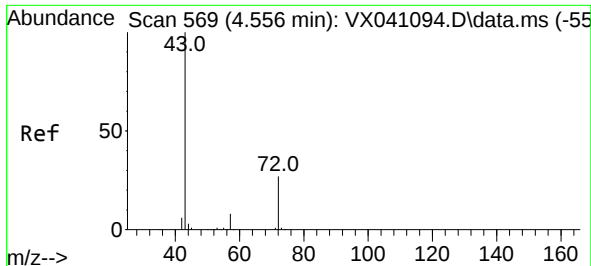


#24
 1,1-Dichloroethane
 Concen: 133.422 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041187.D
 Acq: 22 Apr 2024 12:52



Tgt Ion: 63 Resp: 497552
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.3 2.1 6.5





#25

2-Butanone

Concen: 742.460 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 114504

Ion Ratio Lower Upper

43 100

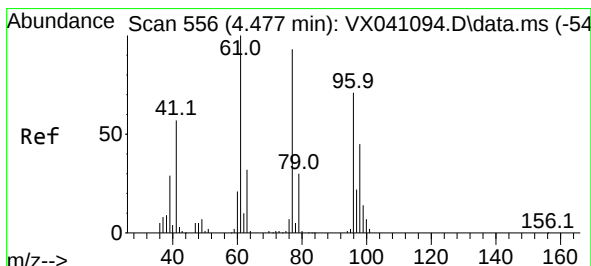
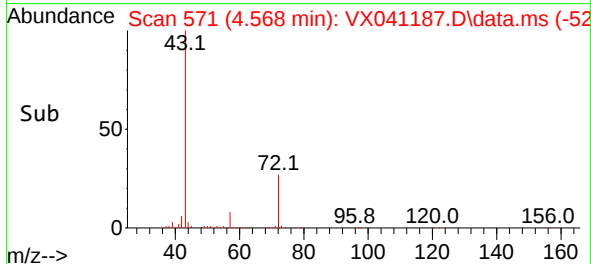
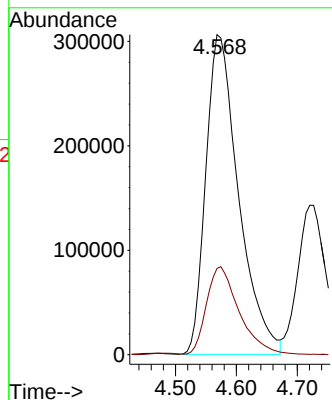
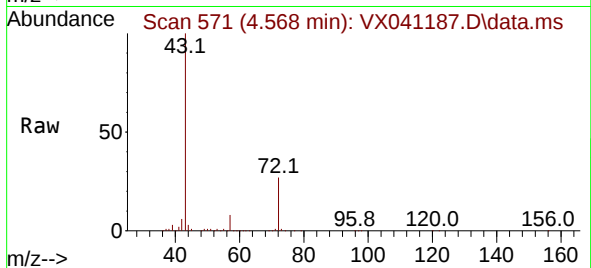
72 26.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#26

2,2-Dichloropropane

Concen: 156.884 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX041187.D

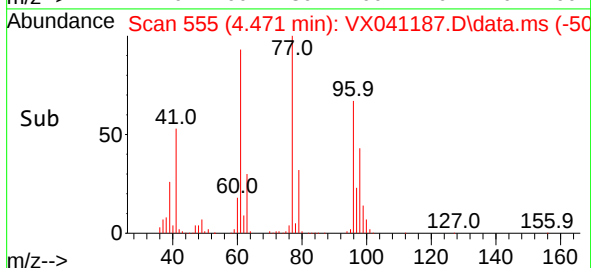
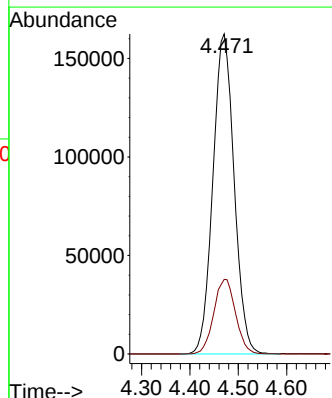
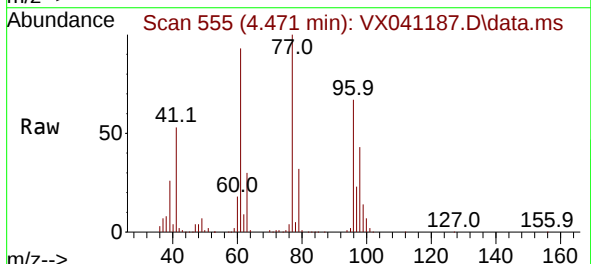
Acq: 22 Apr 2024 12:52

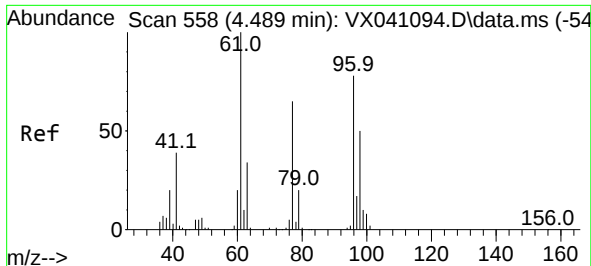
Tgt Ion: 77 Resp: 494457

Ion Ratio Lower Upper

77 100

97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 150.049 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 390360

Ion Ratio Lower Upper

96 100

61 133.2 0.0 312.2

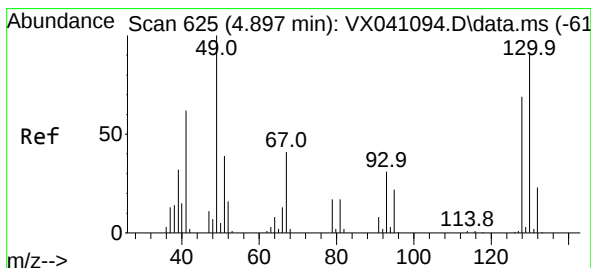
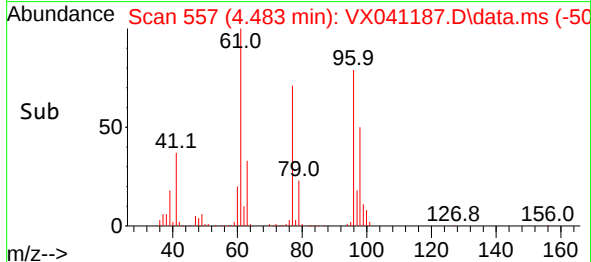
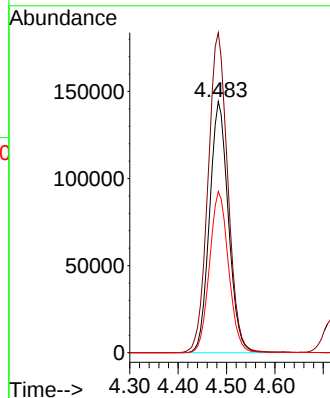
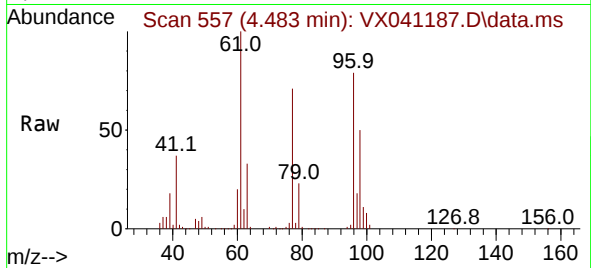
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 135.129 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

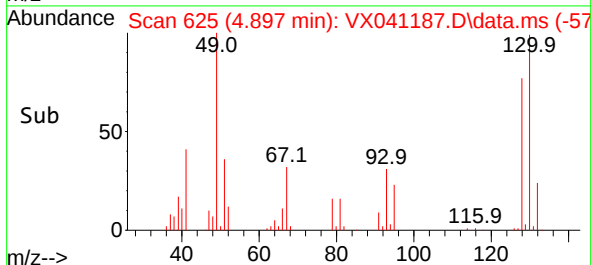
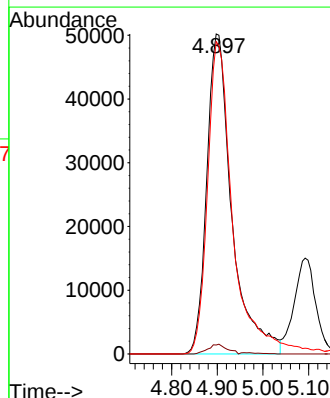
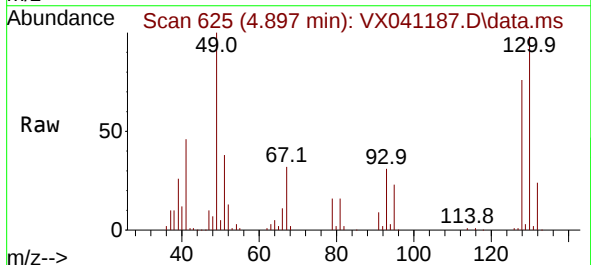
Tgt Ion: 49 Resp: 191231

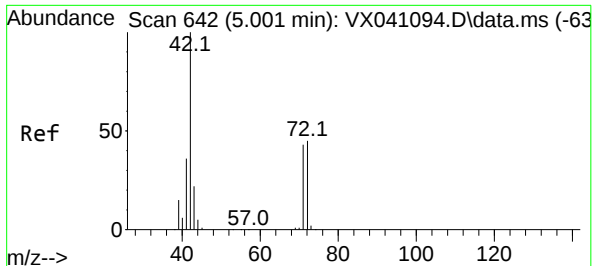
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 98.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 734.882 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 772100

Ion Ratio Lower Upper

42 100

72 47.3 34.2 51.4

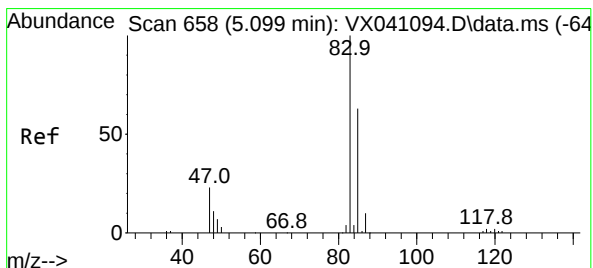
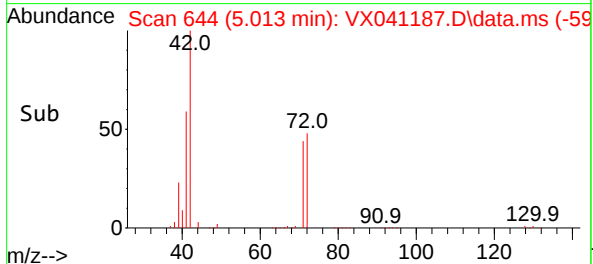
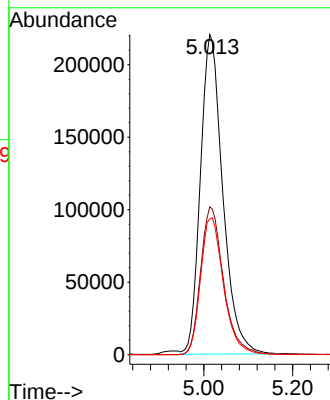
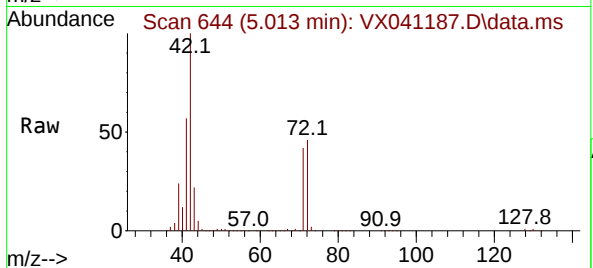
71 44.1 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#30

Chloroform

Concen: 147.242 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX041187.D

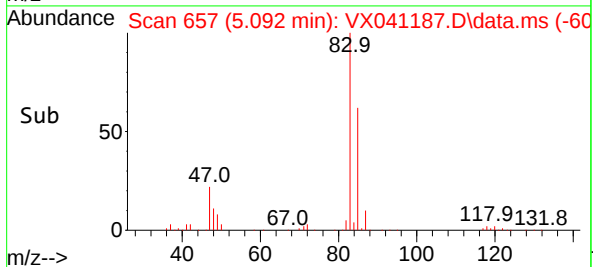
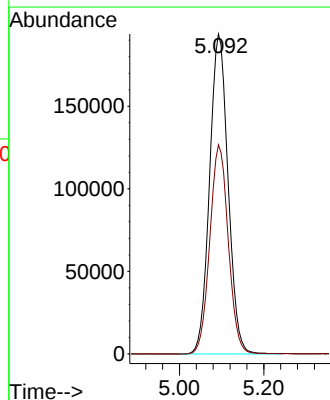
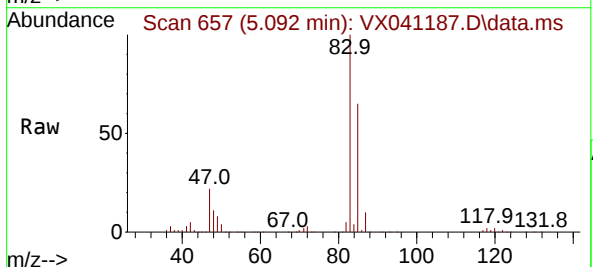
Acq: 22 Apr 2024 12:52

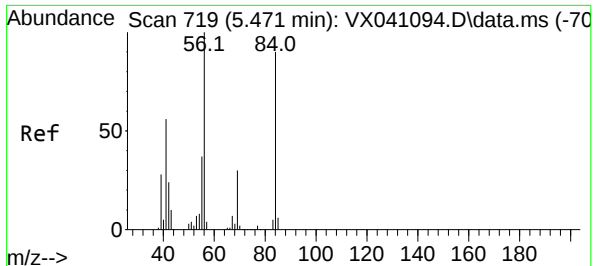
Tgt Ion: 83 Resp: 589357

Ion Ratio Lower Upper

83 100

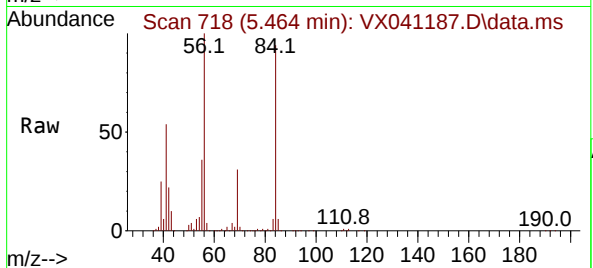
85 65.3 50.3 75.5





#31
Cyclohexane
Concen: 145.932 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

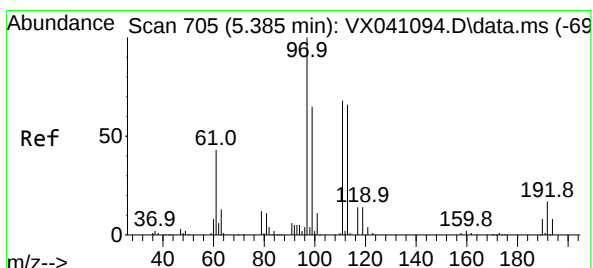
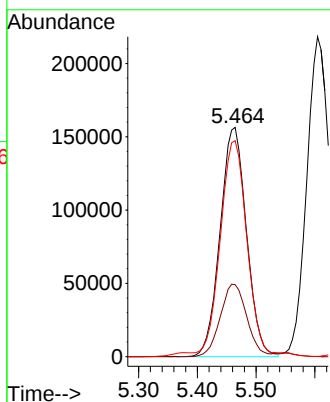
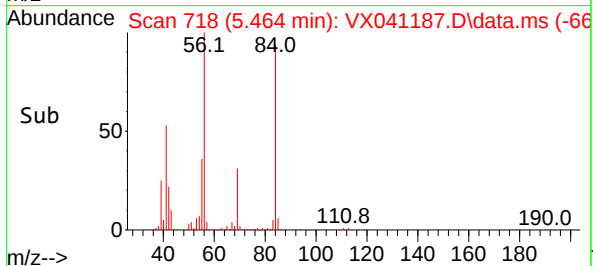
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 48726
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 92.7 65.9 98.9

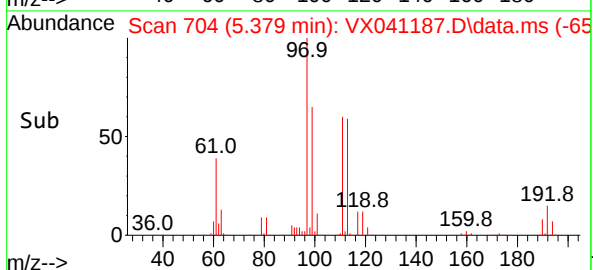
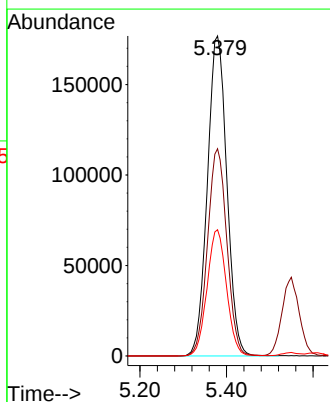
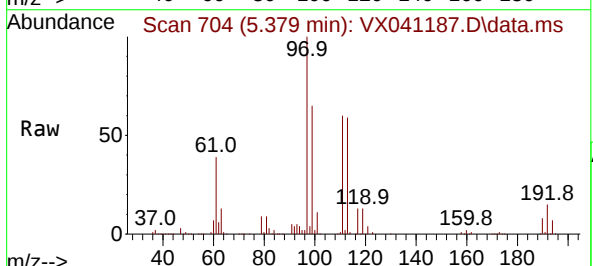
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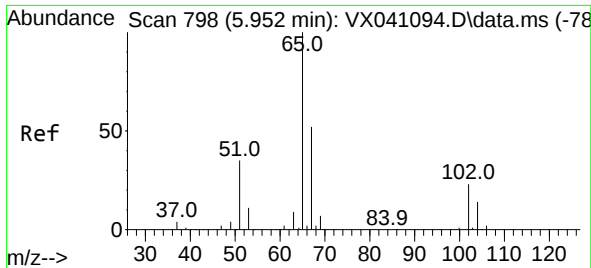
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#32
1,1,1-Trichloroethane
Concen: 154.114 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion: 97 Resp: 552984
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 39.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 142.895 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 354510

Ion Ratio Lower Upper

65 100

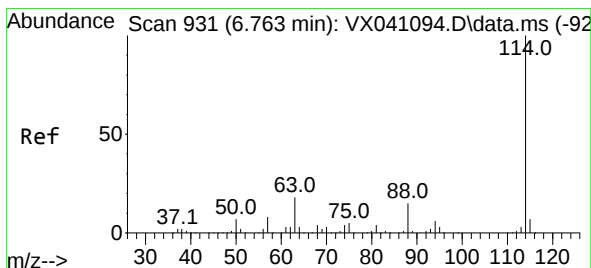
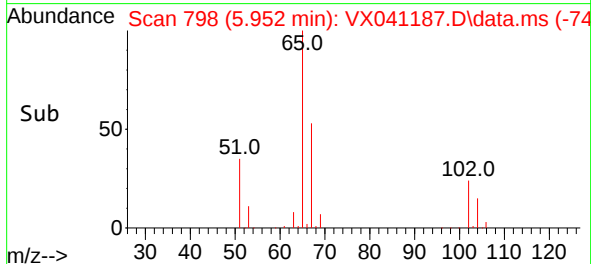
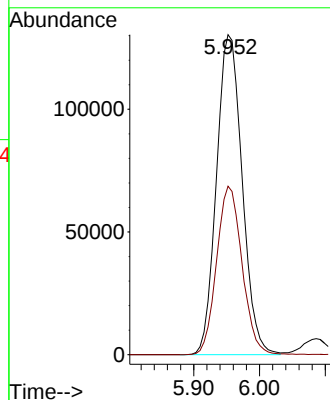
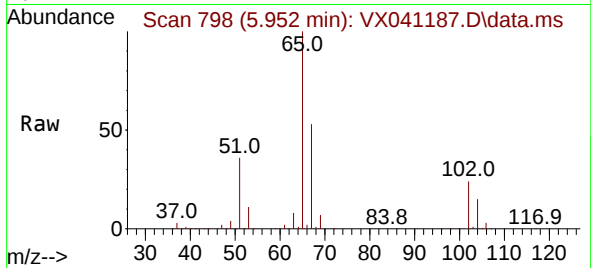
67 52.2 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

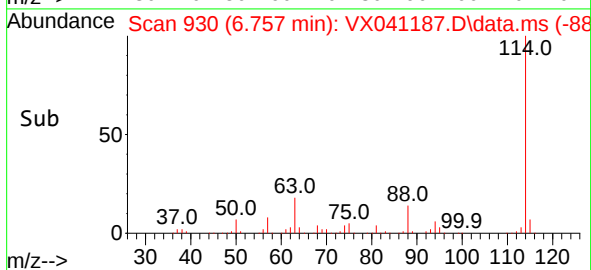
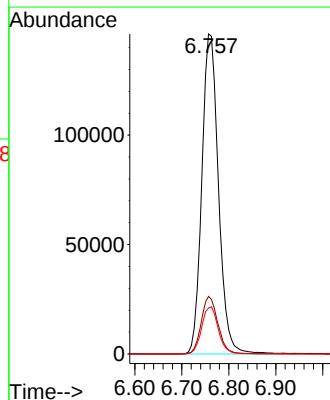
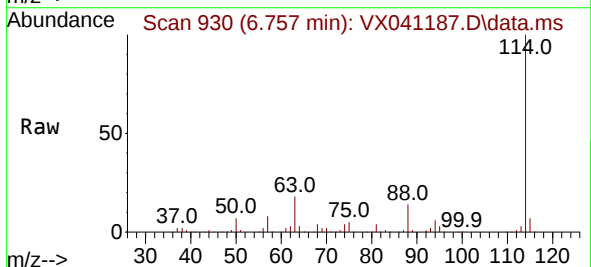
Tgt Ion:114 Resp: 359680

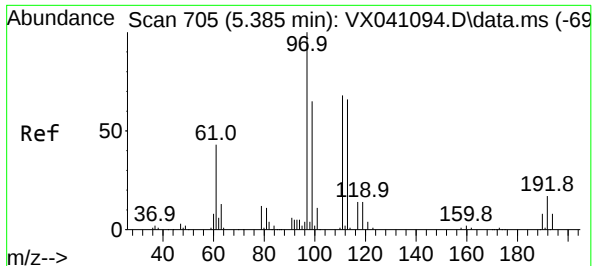
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 14.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 147.758 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041187.D

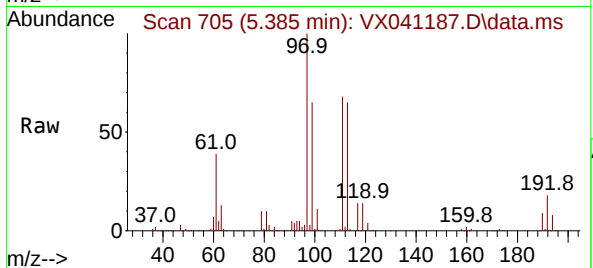
Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion: 113 Resp: 323279

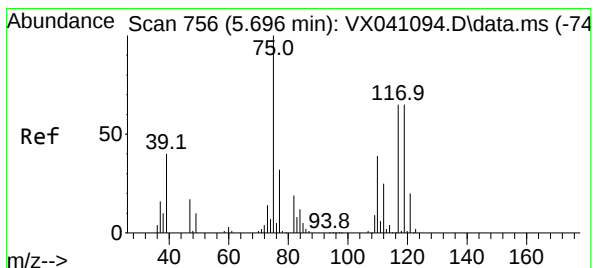
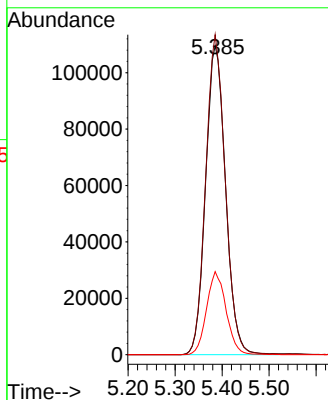
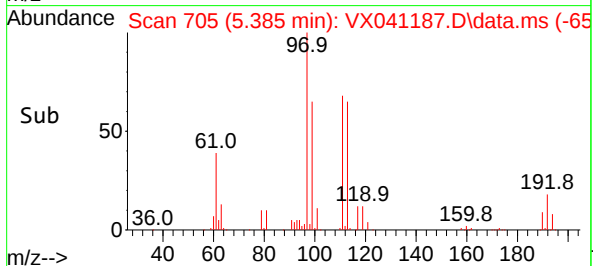
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	26.3	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#36

1,1-Dichloropropene

Concen: 146.141 ug/l

RT: 5.684 min Scan# 754

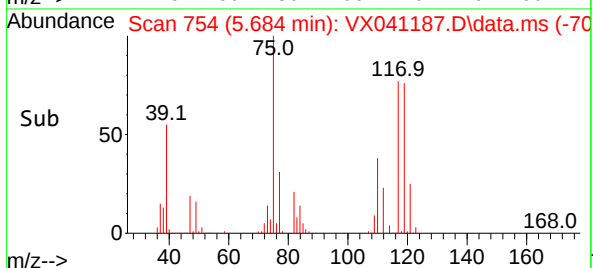
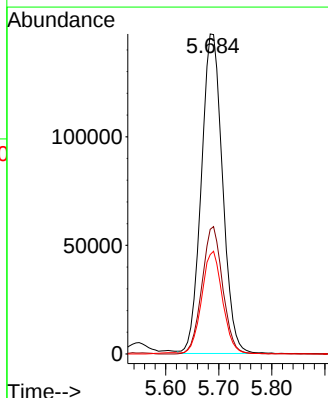
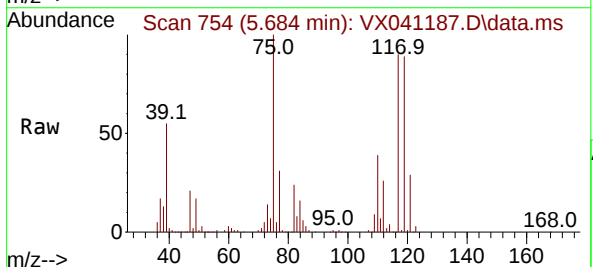
Delta R.T. -0.006 min

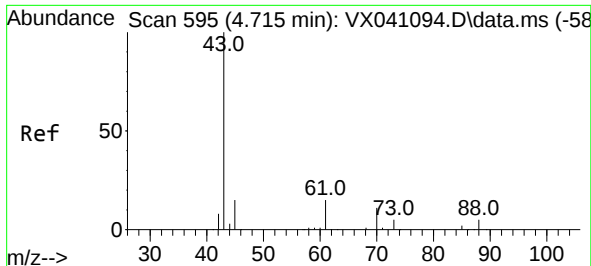
Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Tgt Ion: 75 Resp: 409112

Ion	Ratio	Lower	Upper
75	100		
110	38.9	17.0	50.9
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 154.666 ug/l

RT: 4.721 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 47504

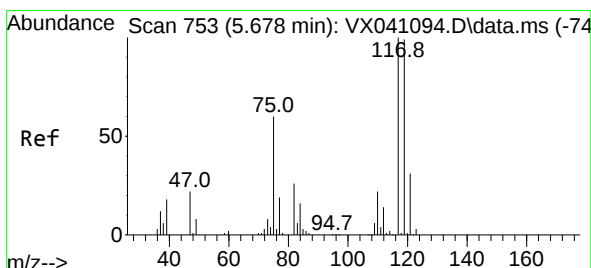
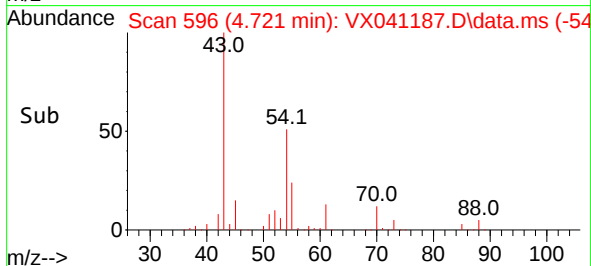
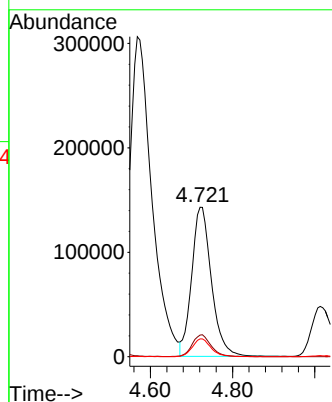
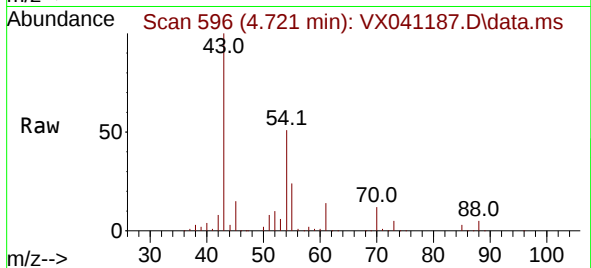
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	11.3	8.3	12.5

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#38

Carbon Tetrachloride

Concen: 156.736 ug/l

RT: 5.672 min Scan# 752

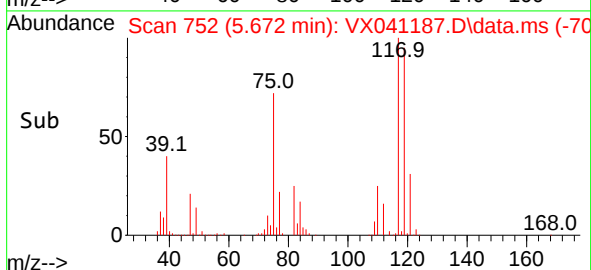
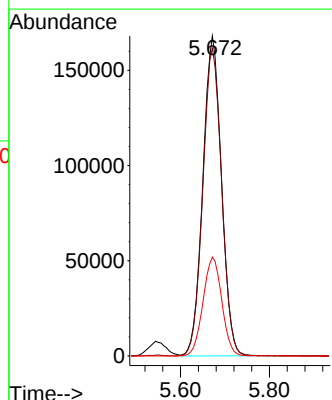
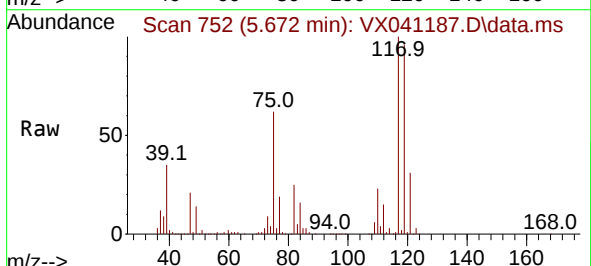
Delta R.T. -0.000 min

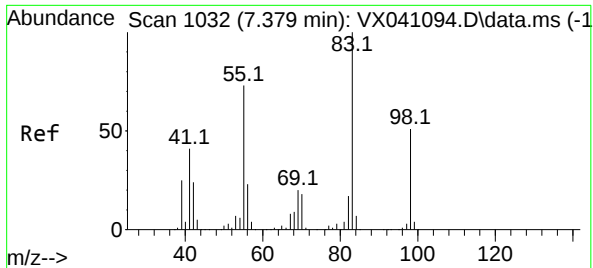
Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Tgt Ion:117 Resp: 490074

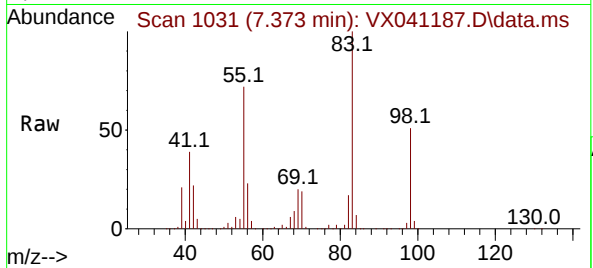
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
121	30.9	24.4	36.6





#39
Methylcyclohexane
Concen: 150.658 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

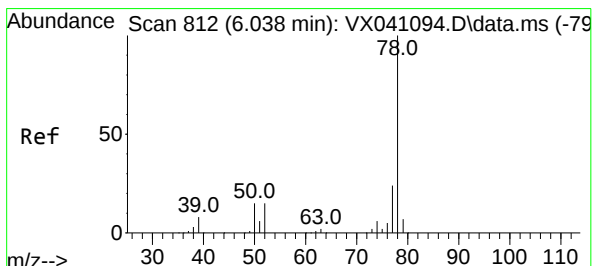
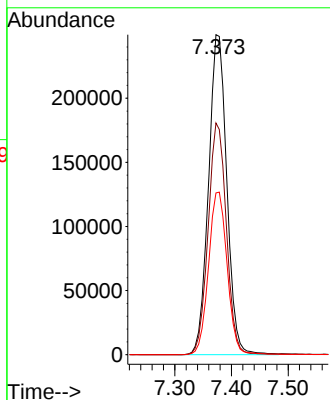
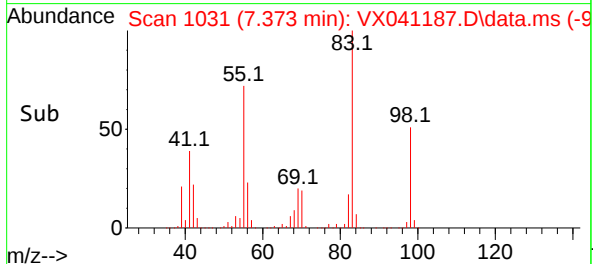
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 559414
Ion Ratio Lower Upper
83 100
55 72.4 64.6 97.0
98 50.5 36.7 55.1

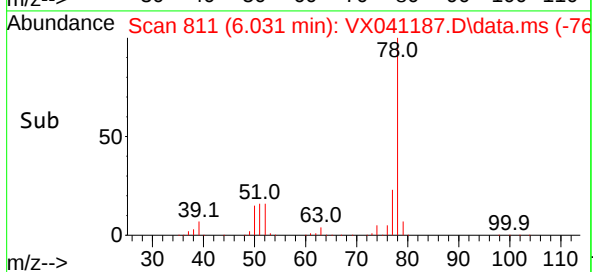
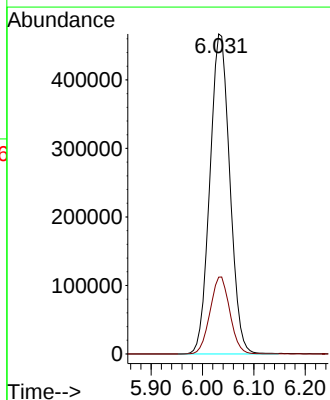
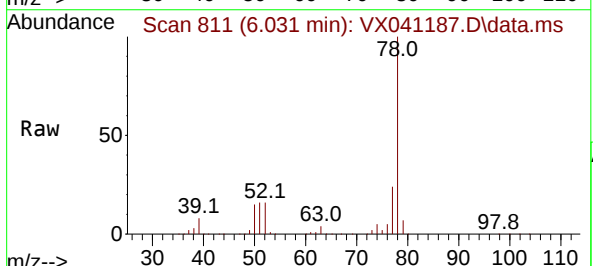
Manual Integrations
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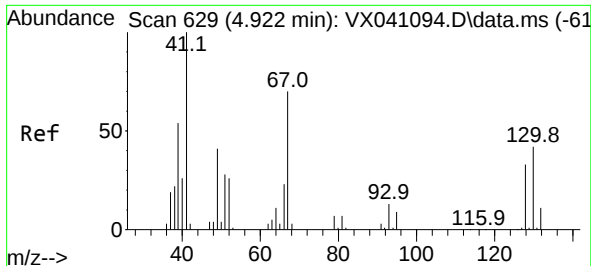
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#40
Benzene
Concen: 145.326 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

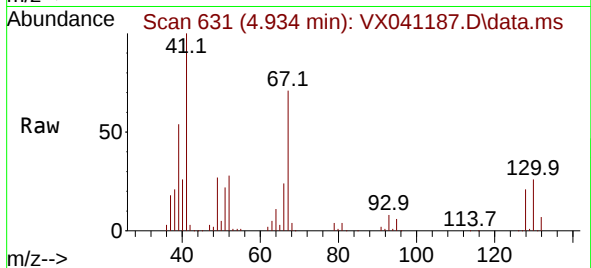
Tgt Ion: 78 Resp: 1256455
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 157.615 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

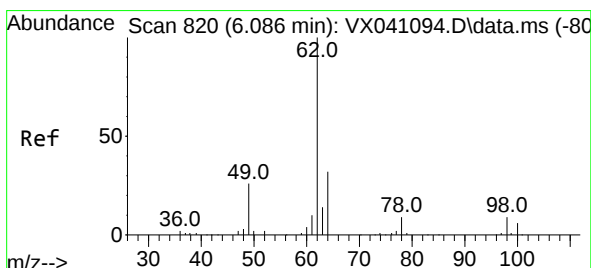
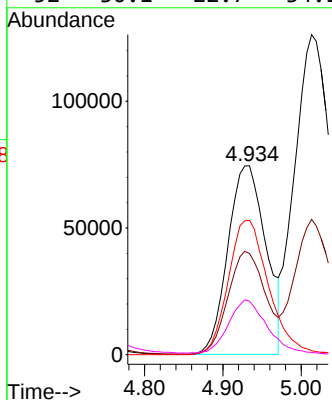
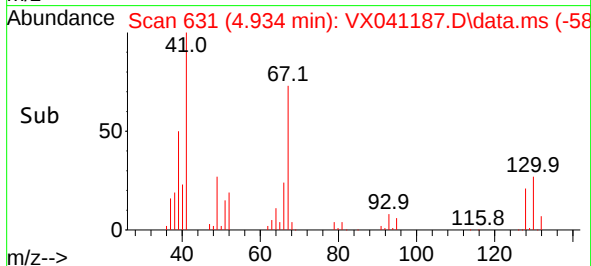
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 25202
Ion Ratio Lower Upper
41 100
39 53.6 45.2 67.8
67 75.7 52.6 78.8
52 30.1 22.7 34.1

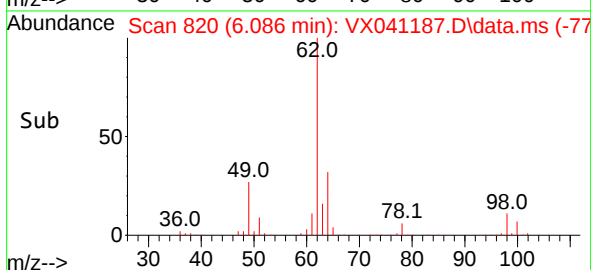
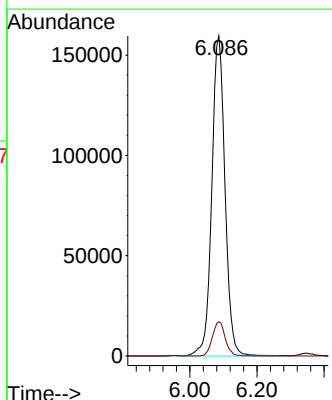
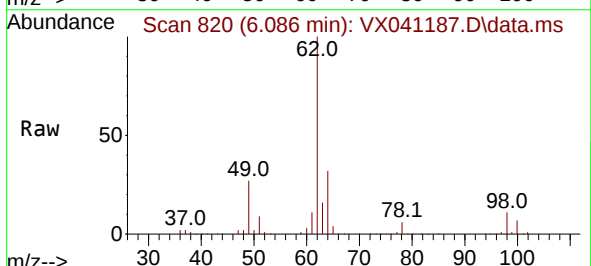
Manual Integrations
APPROVED

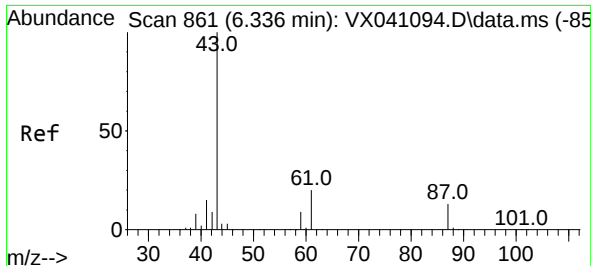
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 145.386 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion: 62 Resp: 435830
Ion Ratio Lower Upper
62 100
98 10.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 155.075 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 76726

Ion Ratio Lower Upper

43 100

61 20.6 15.2 22.8

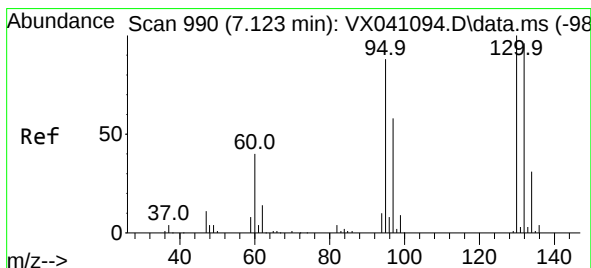
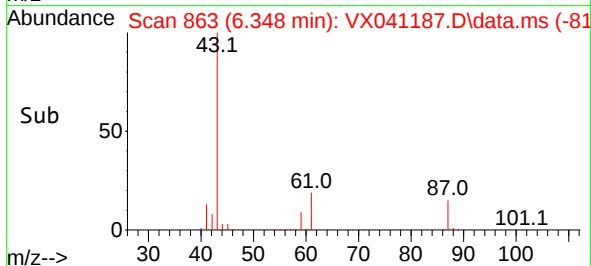
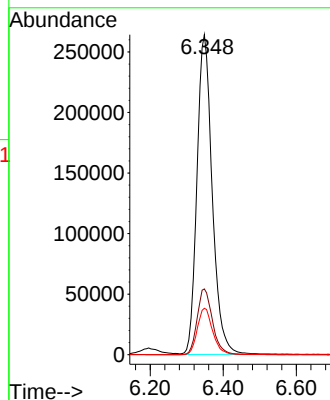
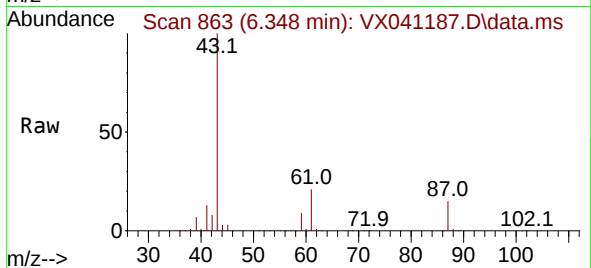
87 14.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#44

Trichloroethene

Concen: 147.812 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX041187.D

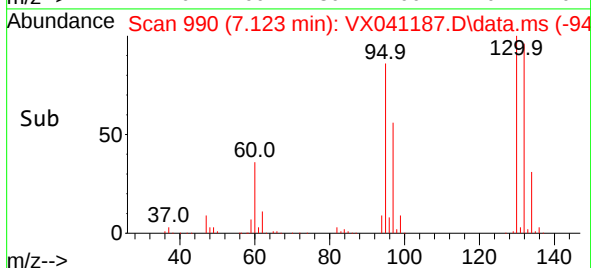
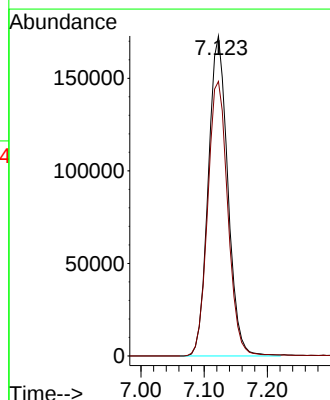
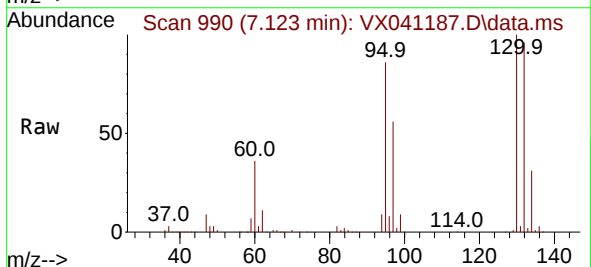
Acq: 22 Apr 2024 12:52

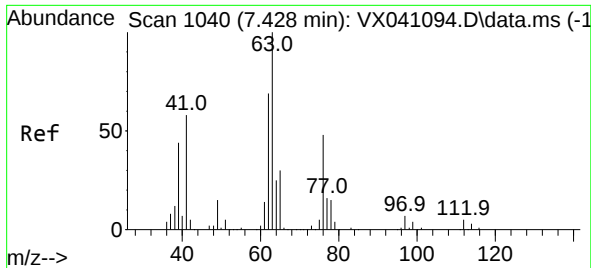
Tgt Ion:130 Resp: 371545

Ion Ratio Lower Upper

130 100

95 85.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 147.392 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 305539

Ion Ratio Lower Upper

63 100

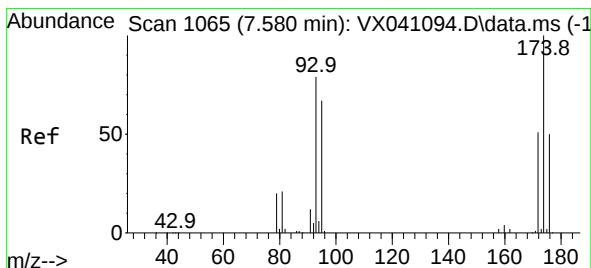
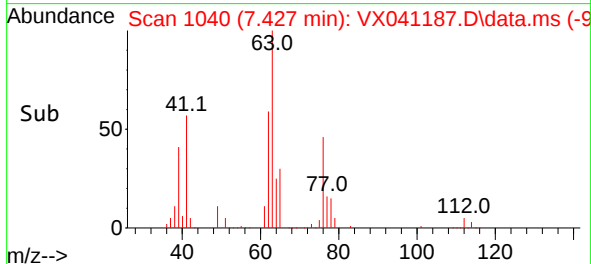
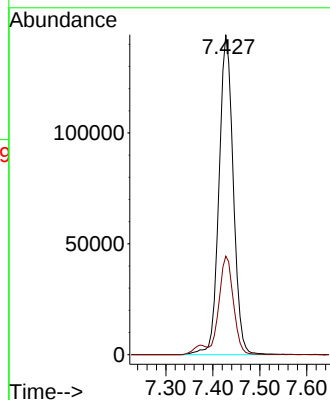
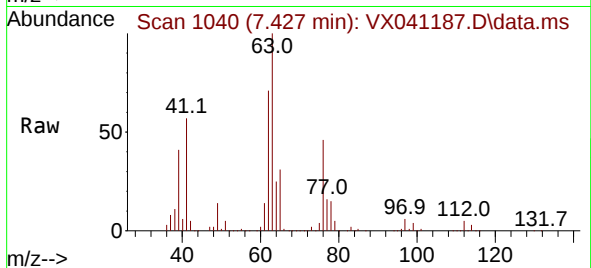
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 151.658 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

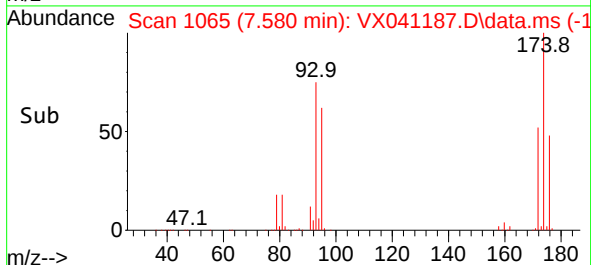
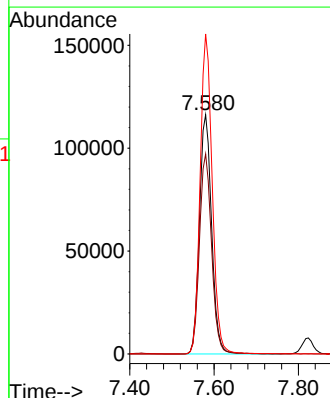
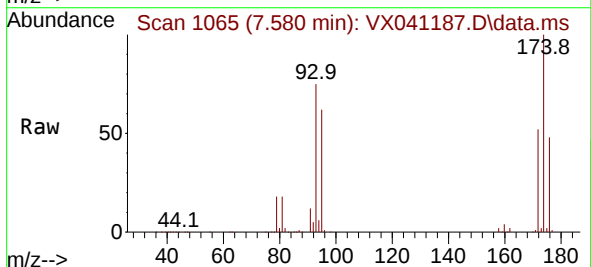
Tgt Ion: 93 Resp: 234426

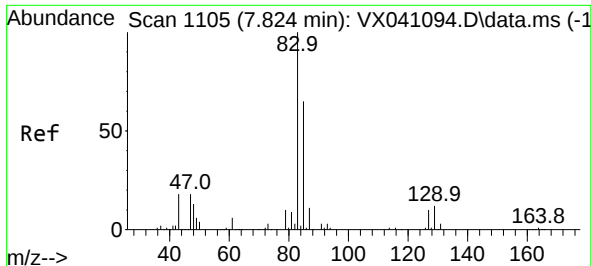
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

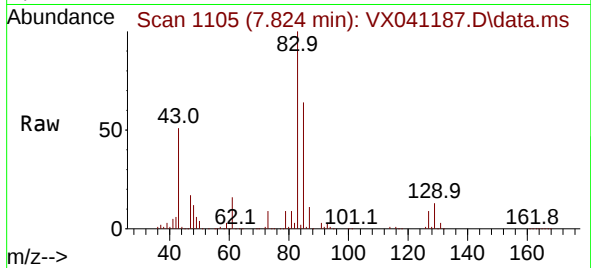
174 132.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 162.877 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

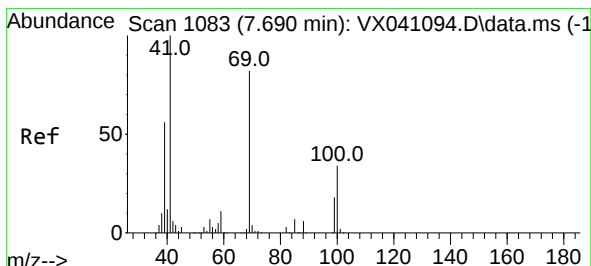
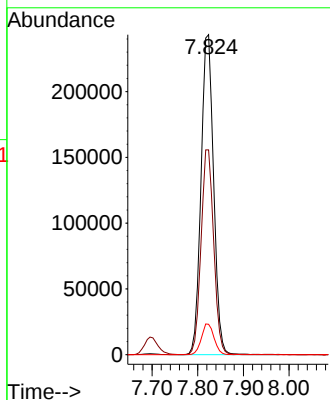
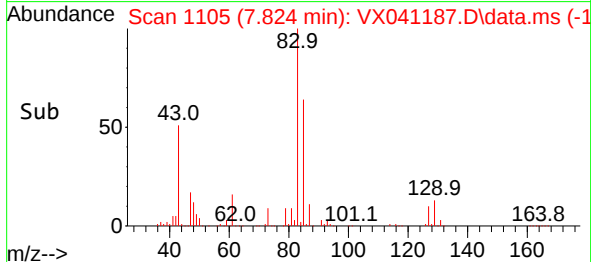
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 464070
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 9.5 7.1 10.7

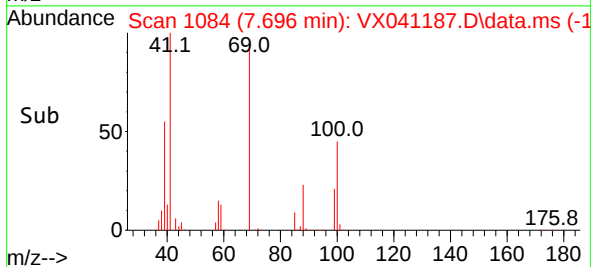
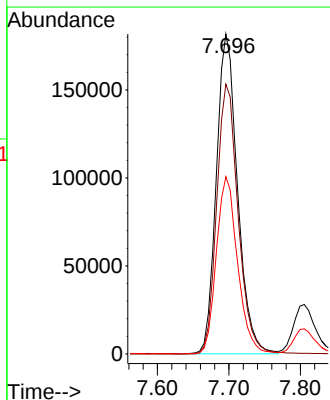
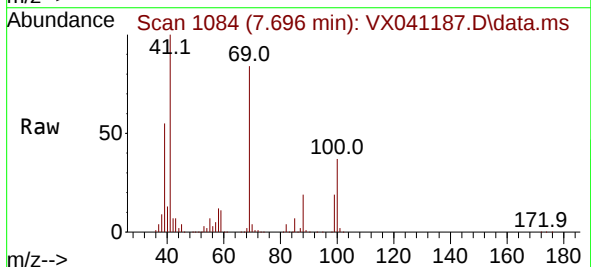
Manual Integrations
APPROVED

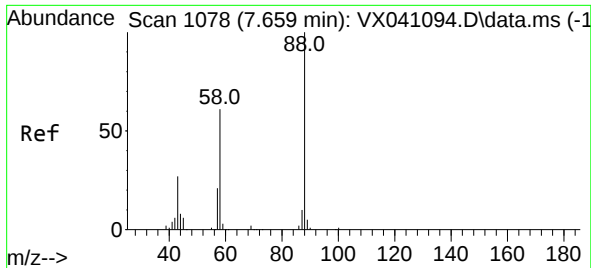
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#48
Methyl methacrylate
Concen: 159.803 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

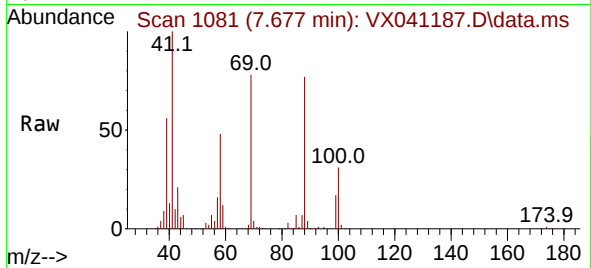
Tgt Ion: 41 Resp: 373970
Ion Ratio Lower Upper
41 100
69 85.6 59.2 88.8
39 55.5 47.7 71.5





#49
1,4-Dioxane
Concen: 3021.203 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

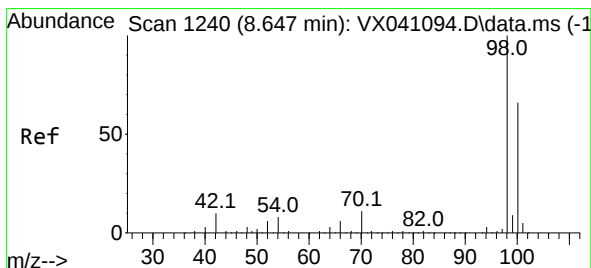
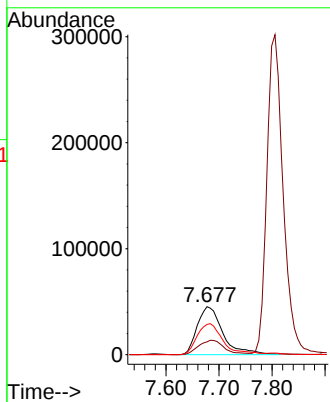
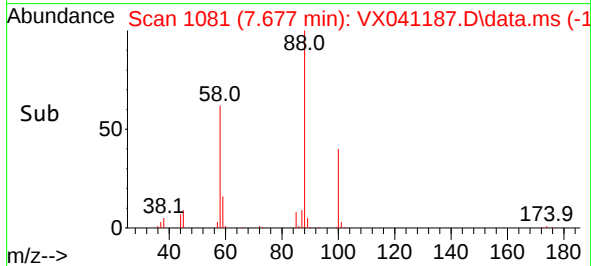
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 15217
Ion Ratio Lower Upper
88 100
43 29.5 0.0 0.0
58 64.7 60.1 90.1

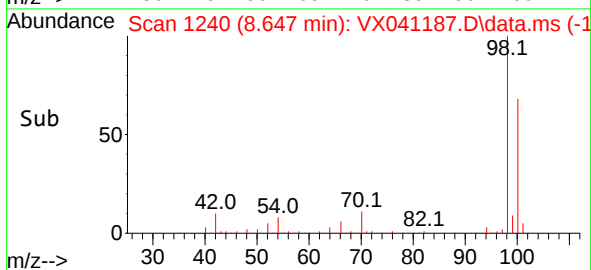
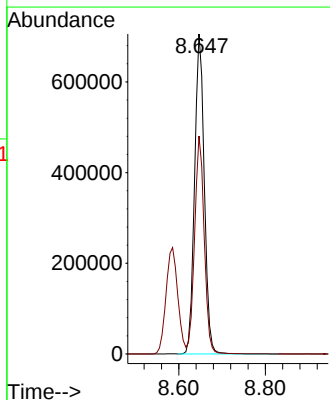
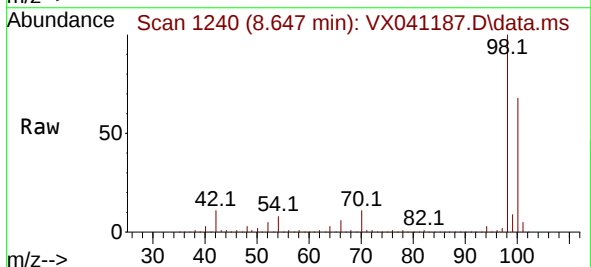
Manual Integrations
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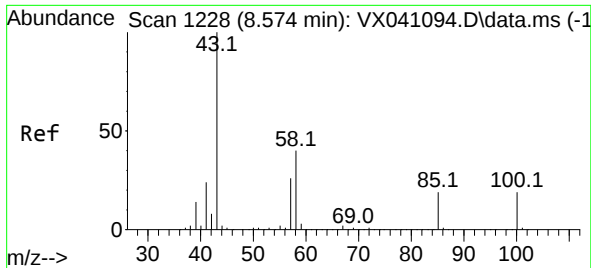
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#50
Toluene-d8
Concen: 148.650 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion: 98 Resp: 1097285
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7





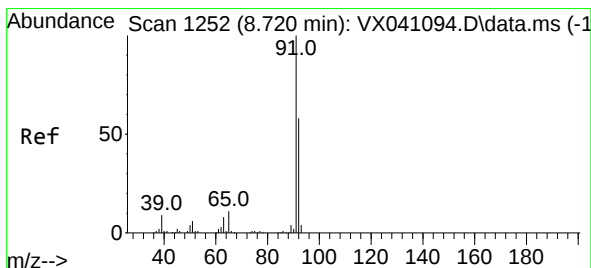
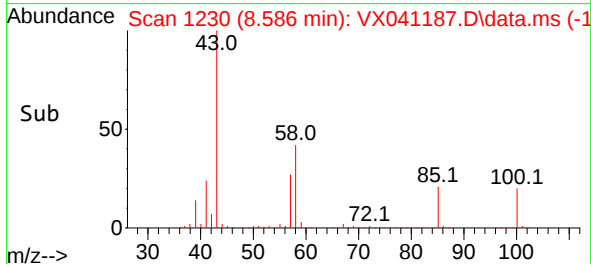
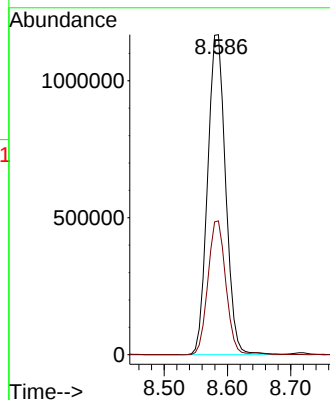
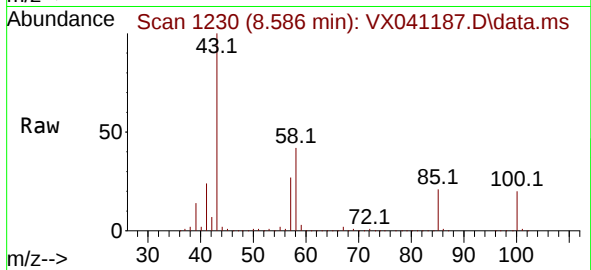
#51
4-Methyl-2-Pentanone
Concen: 746.483 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 231178
Ion Ratio Lower Upper
43 100
58 41.4 30.4 45.6

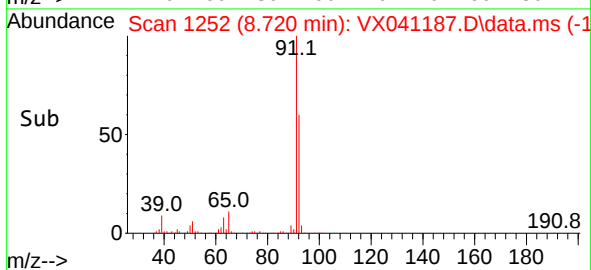
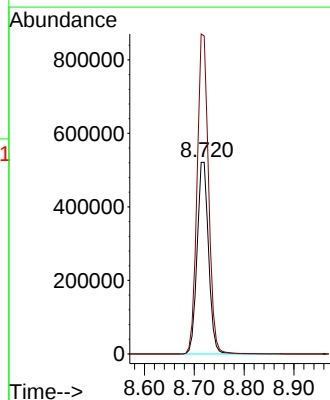
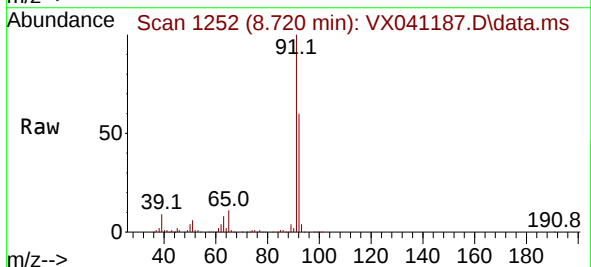
Manual Integrations
APPROVED

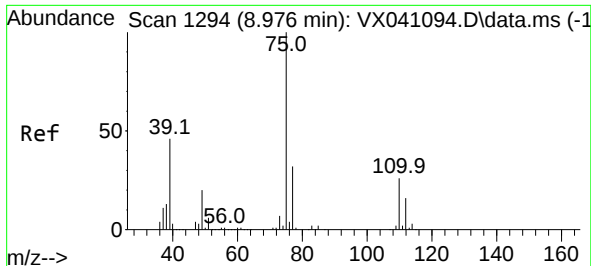
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#52
Toluene
Concen: 152.175 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

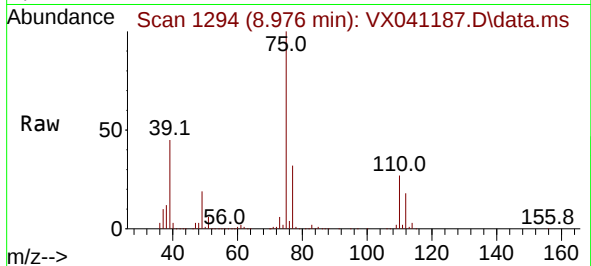
Tgt Ion: 92 Resp: 829022
Ion Ratio Lower Upper
92 100
91 167.0 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 174.982 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX041187.D
 Acq: 22 Apr 2024 12:52

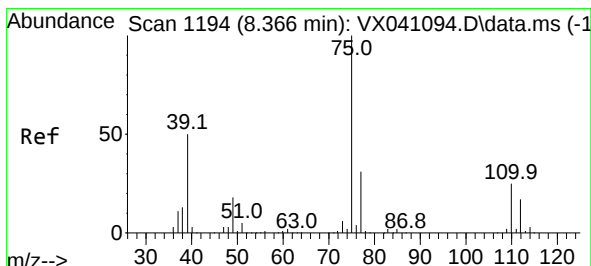
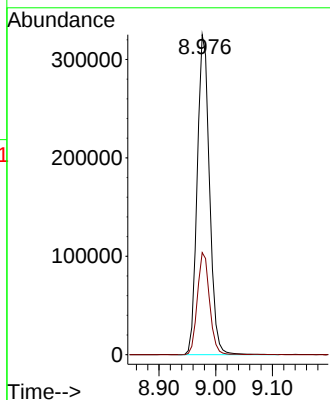
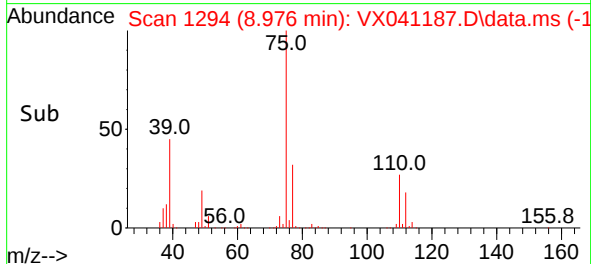
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 489030
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5

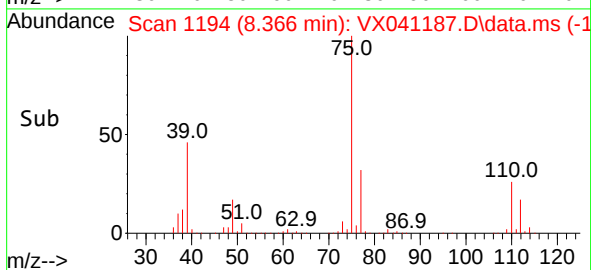
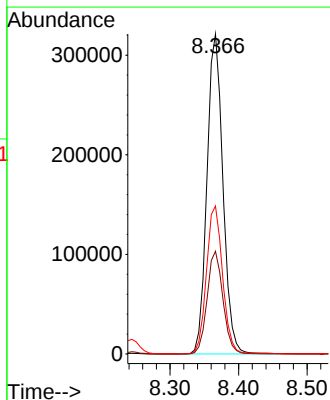
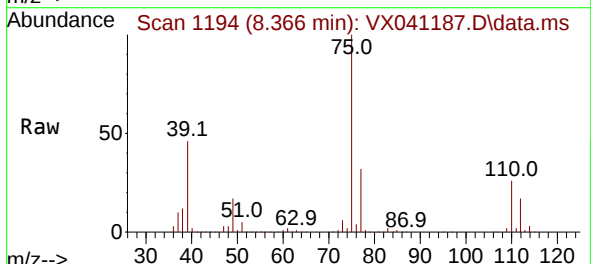
Manual Integrations
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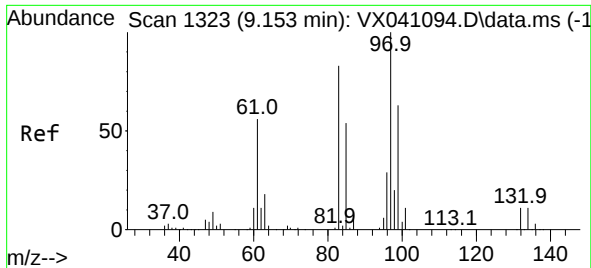
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 163.874 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX041187.D
 Acq: 22 Apr 2024 12:52

Tgt Ion: 75 Resp: 520649
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 46.2 46.7 70.1#





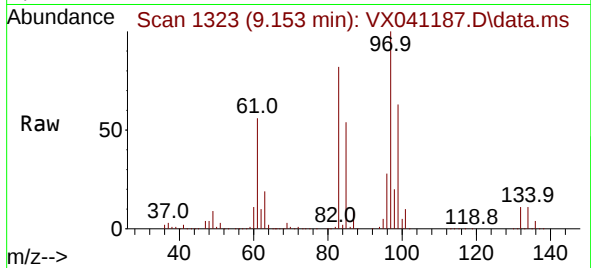
#55
1,1,2-Trichloroethane
Concen: 152.277 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



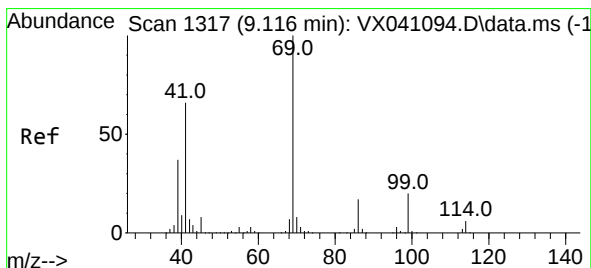
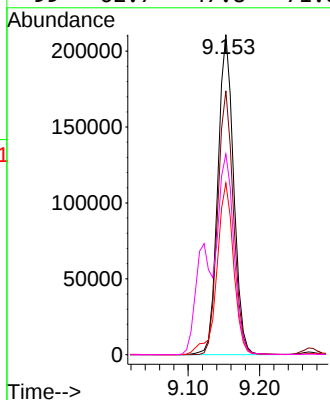
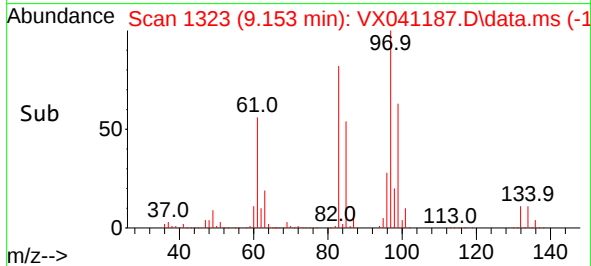
Tgt Ion:	97	Resp:	32370
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.8
85	53.6	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations

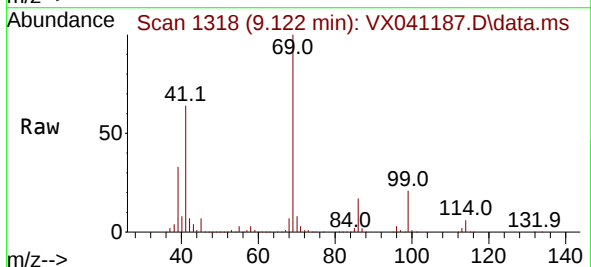
APPROVED

Reviewed By :John Carlone 04/23/2024

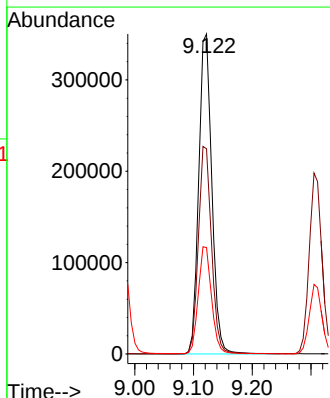
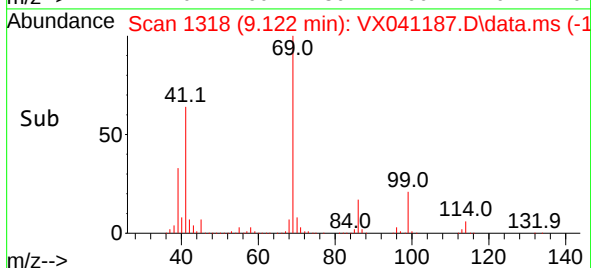
Supervised By :Mahesh Dadoda 04/23/2024

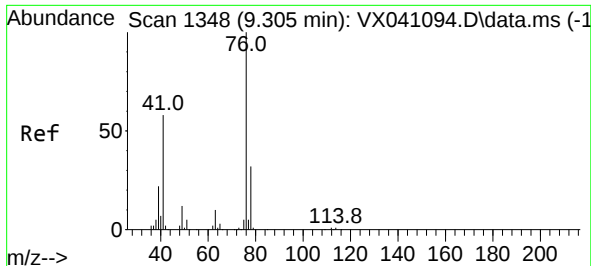


#56
Ethyl methacrylate
Concen: 167.447 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52



Tgt Ion:	69	Resp:	544162
Ion	Ratio	Lower	Upper
69	100		
41	64.9	56.8	85.2
39	34.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 150.003 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 52784

Ion Ratio Lower Upper

76 100

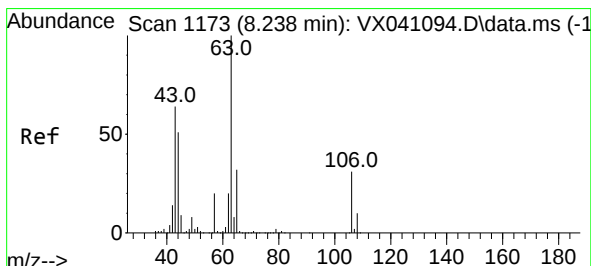
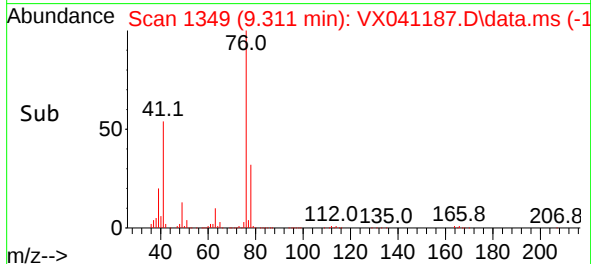
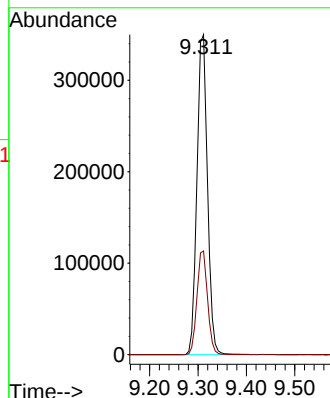
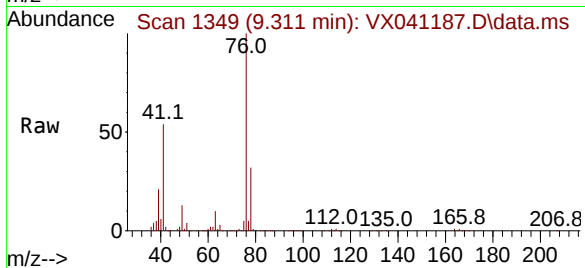
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 754.955 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX041187.D

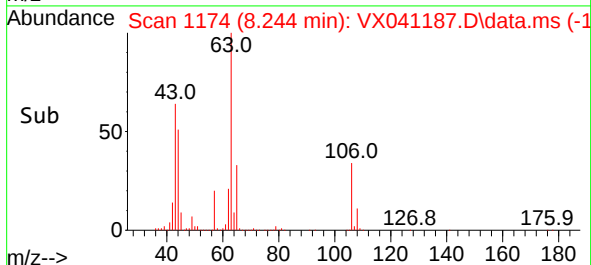
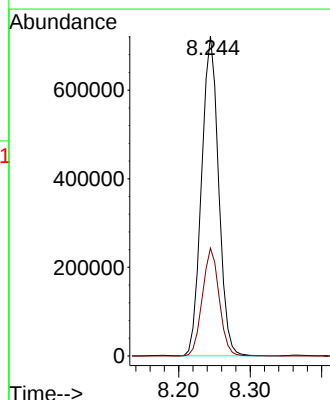
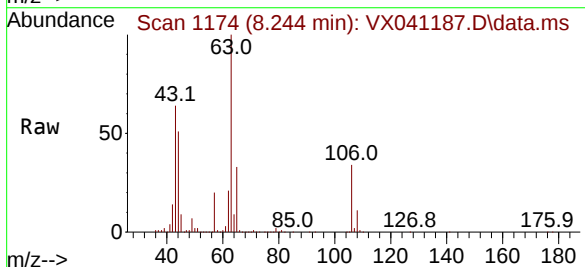
Acq: 22 Apr 2024 12:52

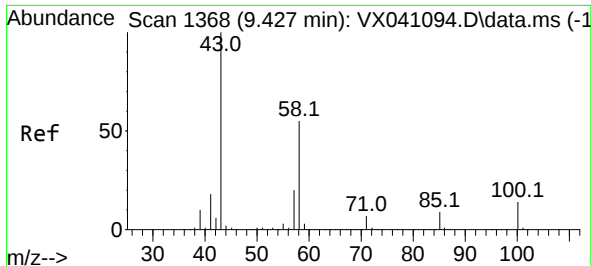
Tgt Ion: 63 Resp: 1194083

Ion Ratio Lower Upper

63 100

106 33.2 22.5 33.7





#59

2-Hexanone

Concen: 754.885 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 179272

Ion Ratio Lower Upper

43 100

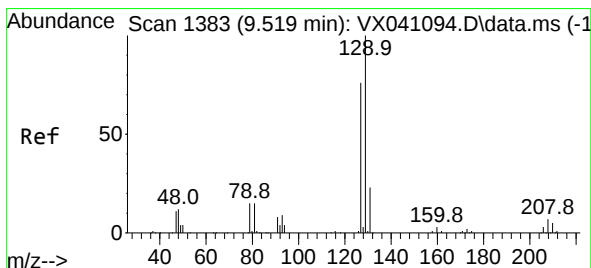
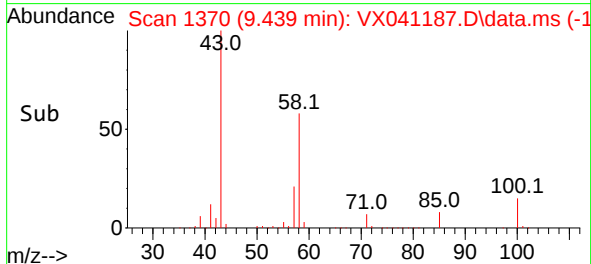
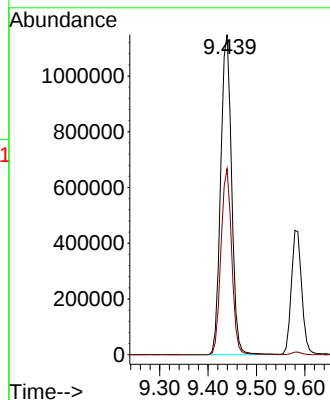
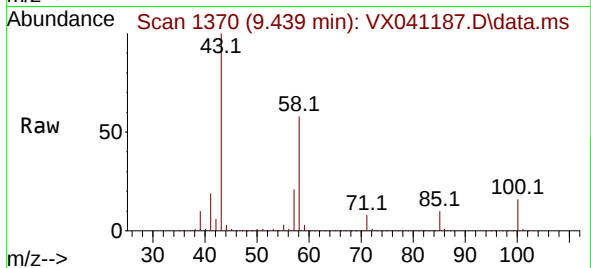
58 57.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#60

Dibromochloromethane

Concen: 168.897 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX041187.D

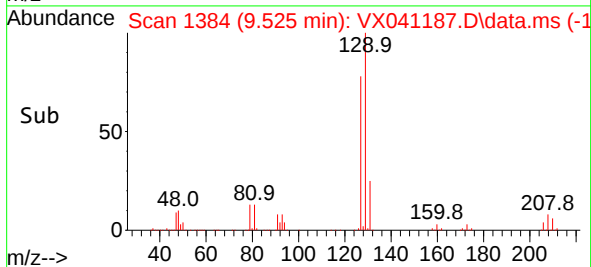
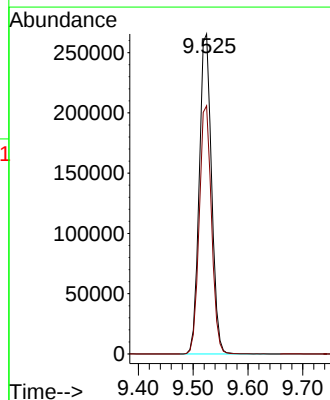
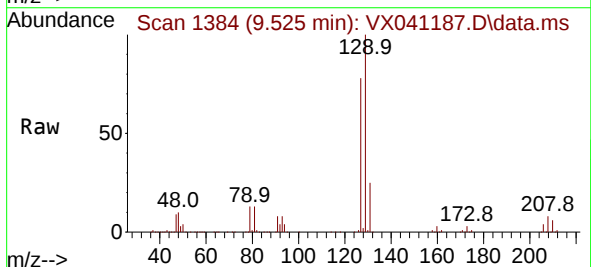
Acq: 22 Apr 2024 12:52

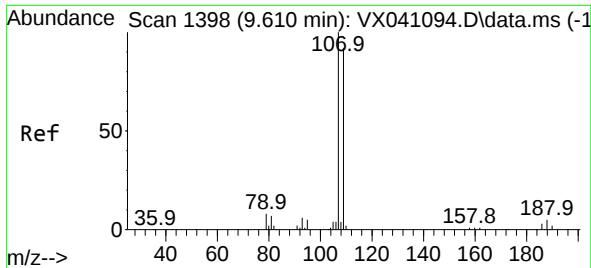
Tgt Ion:129 Resp: 414457

Ion Ratio Lower Upper

129 100

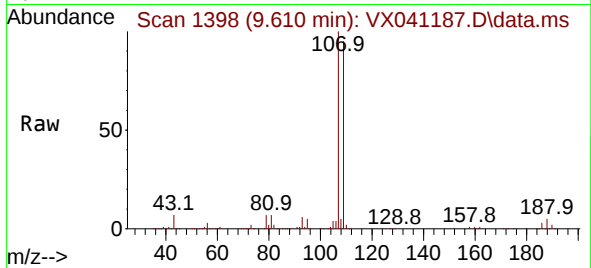
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 154.209 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

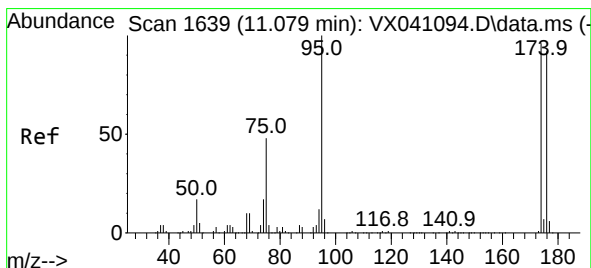
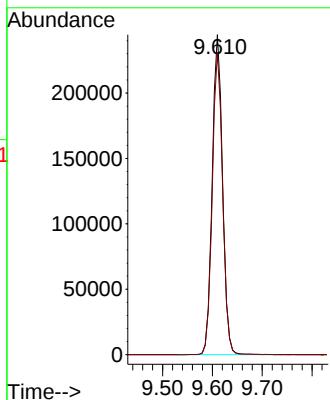
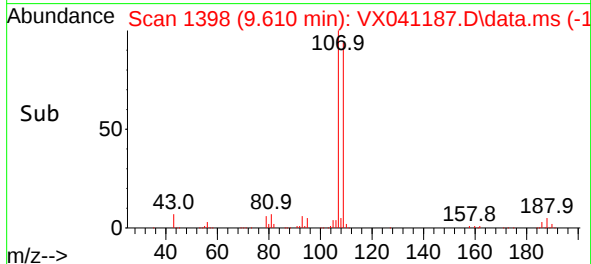
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



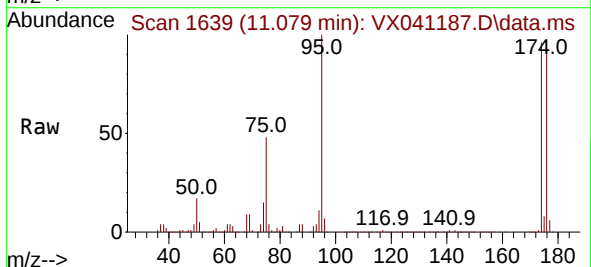
Tgt Ion:107 Resp: 351700
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

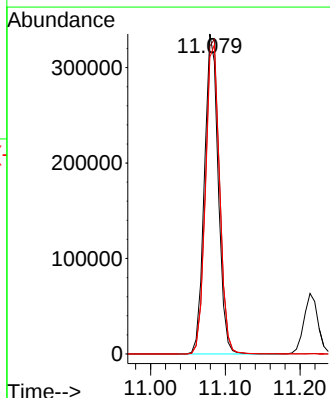
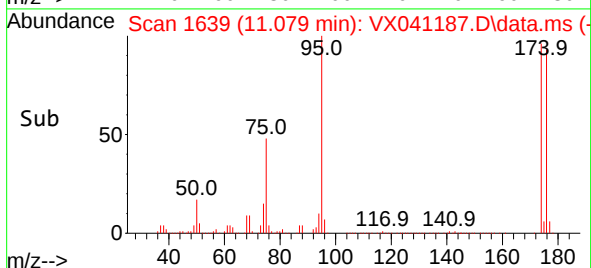
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

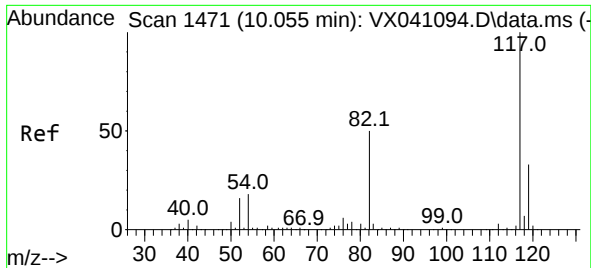


#62
4-Bromofluorobenzene
Concen: 157.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52



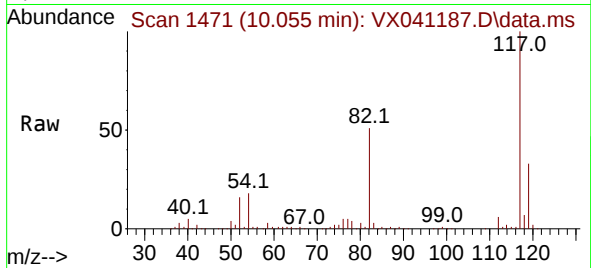
Tgt Ion: 95 Resp: 429219
Ion Ratio Lower Upper
95 100
174 101.0 0.0 135.6
176 98.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

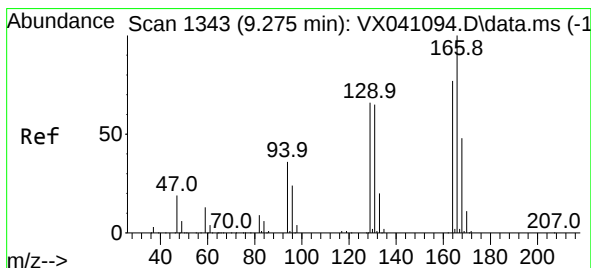
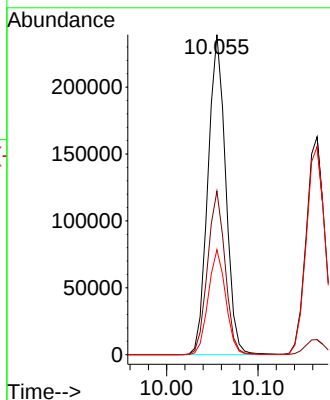
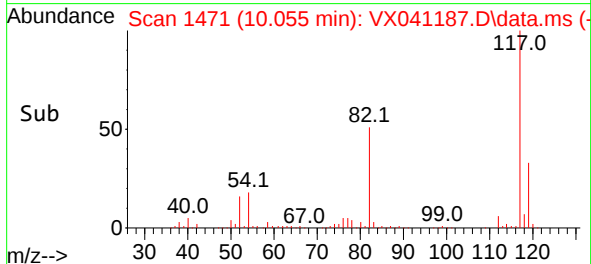
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 321683
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.8 25.5 38.3

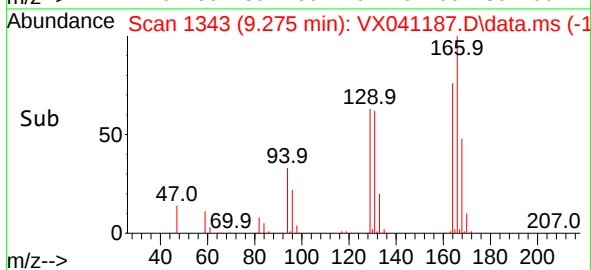
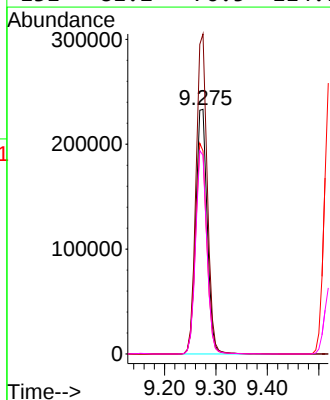
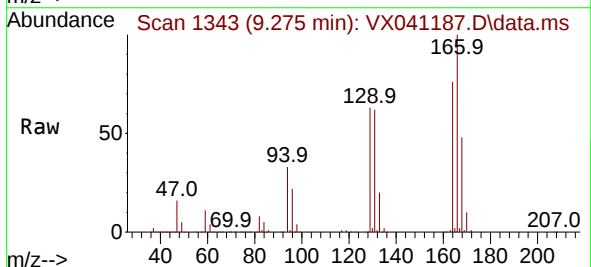
Manual Integrations
APPROVED

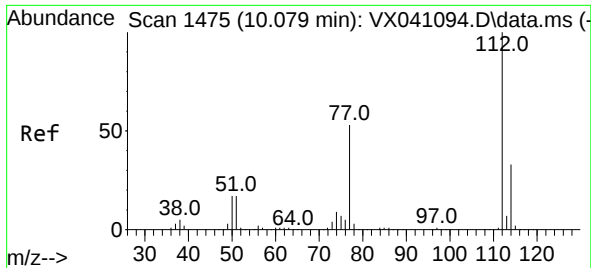
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#64
Tetrachloroethene
Concen: 146.428 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion:164 Resp: 361253
Ion Ratio Lower Upper
164 100
166 130.8 102.7 154.1
129 83.0 80.4 120.6
131 81.2 76.5 114.7





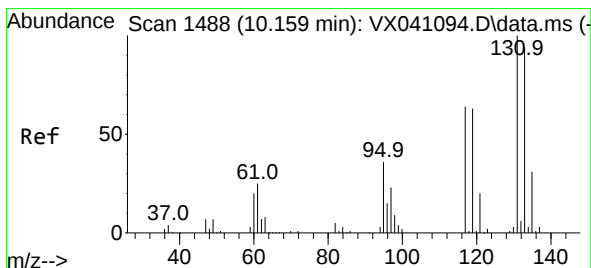
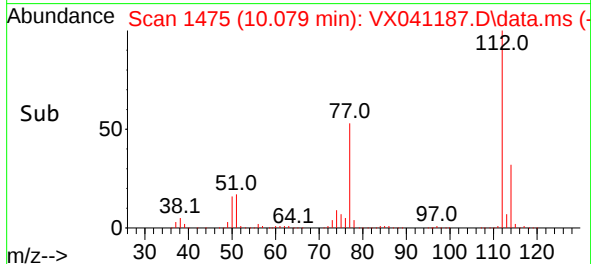
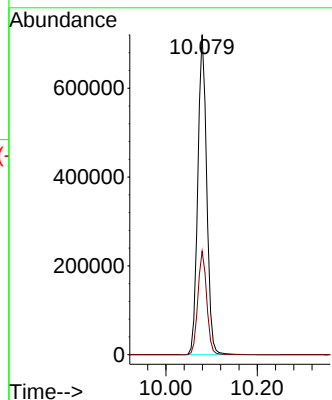
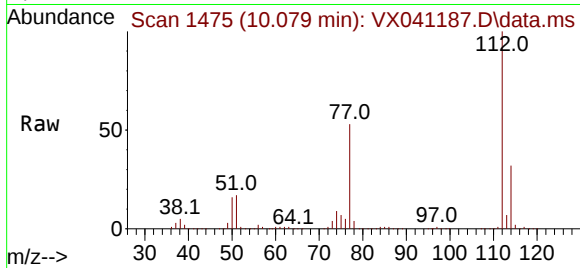
#65
Chlorobenzene
Concen: 146.940 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 972794
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

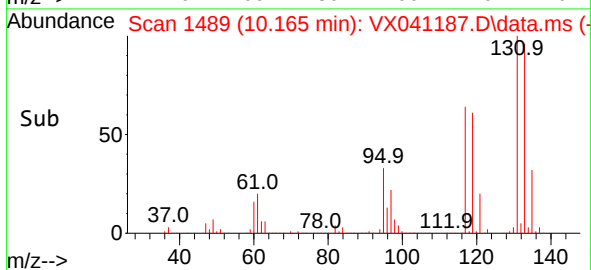
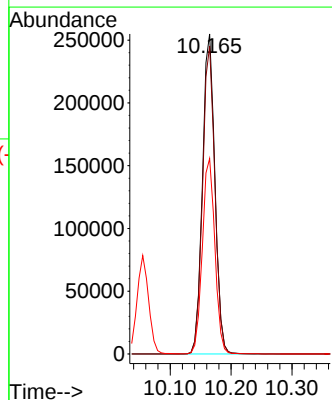
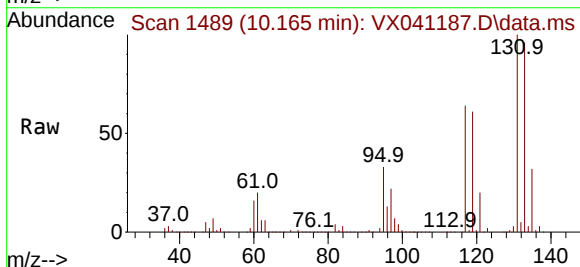
Manual Integrations
APPROVED

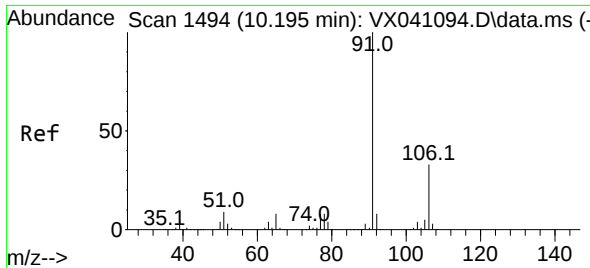
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 159.088 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

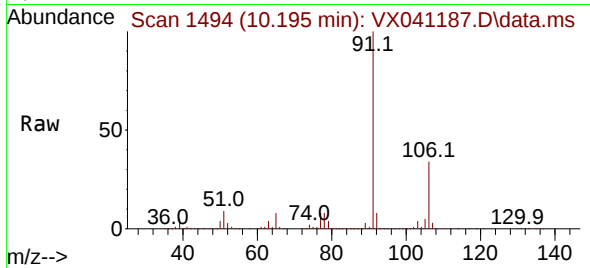
Tgt Ion:131 Resp: 360755
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 62.0 32.2 96.6





#67
Ethyl Benzene
Concen: 148.250 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

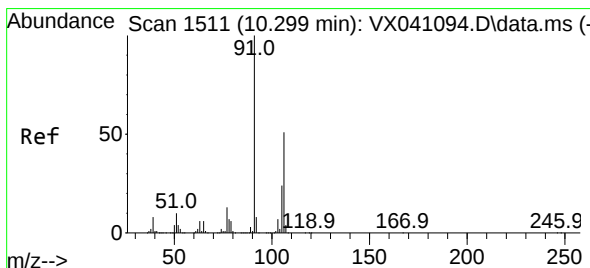
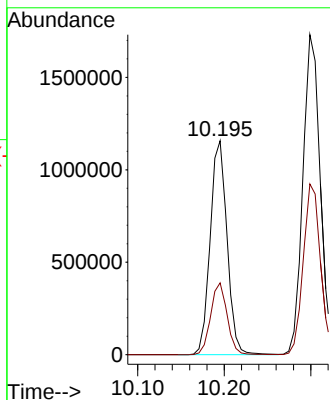
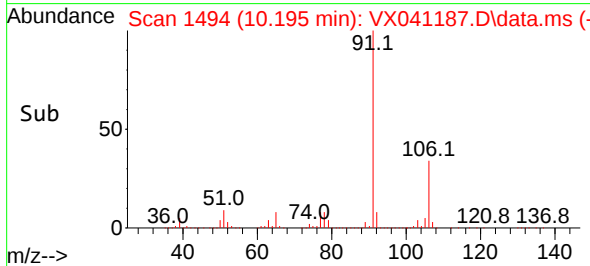
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1566278
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

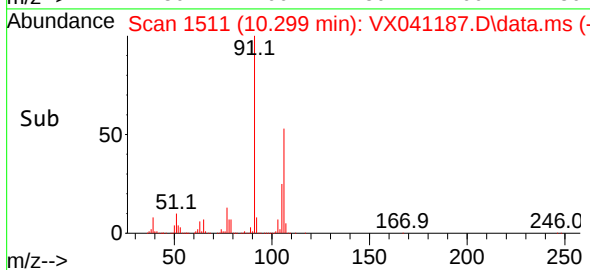
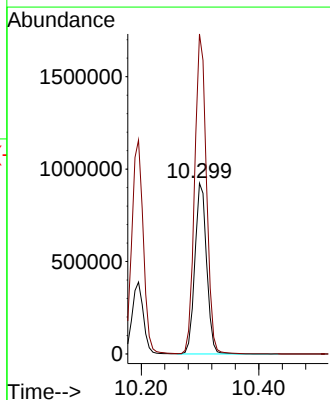
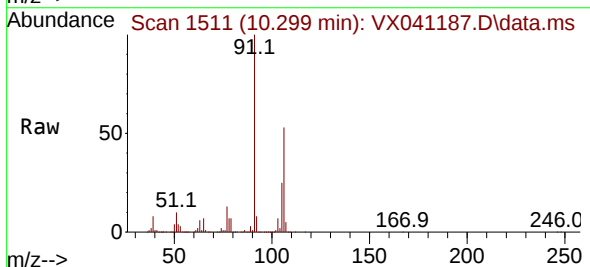
Manual Integrations
APPROVED

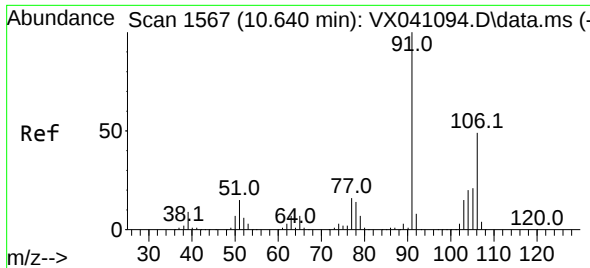
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#68
m/p-Xylenes
Concen: 299.786 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion:106 Resp: 1278589
Ion Ratio Lower Upper
106 100
91 188.4 165.5 248.3





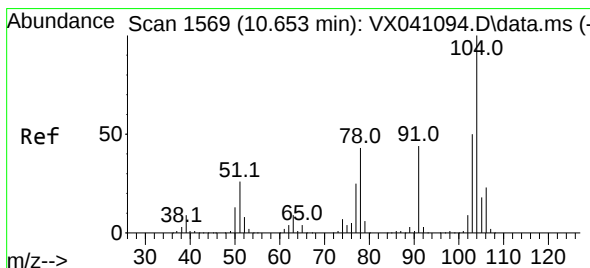
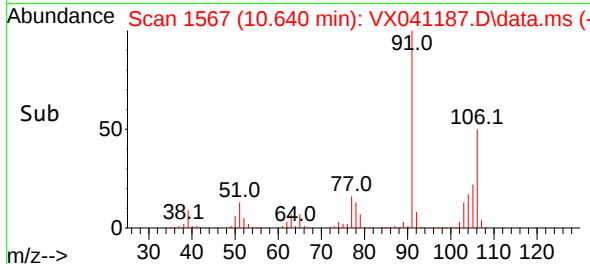
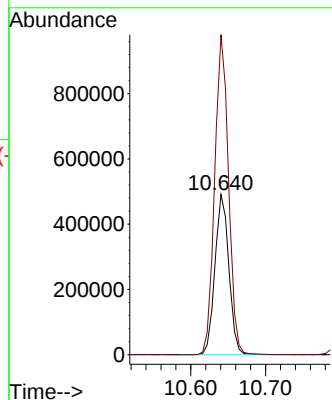
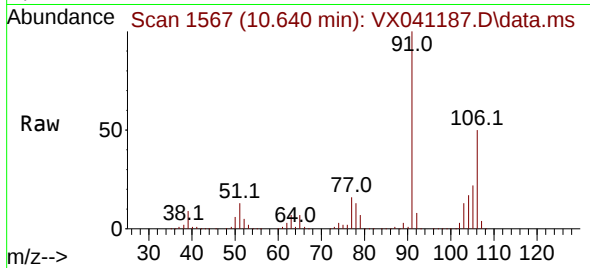
#69
o-Xylene
Concen: 153.231 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 63562
Ion Ratio Lower Upper
106 100
91 199.0 108.9 326.8

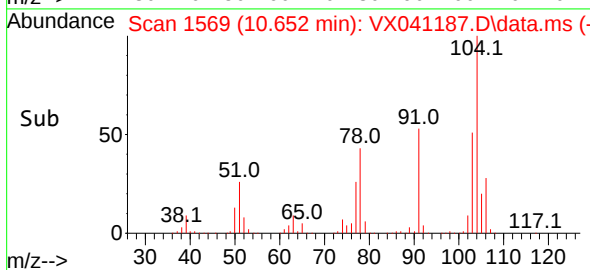
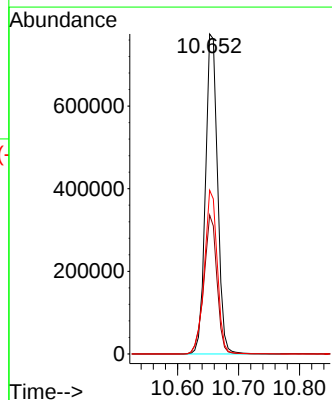
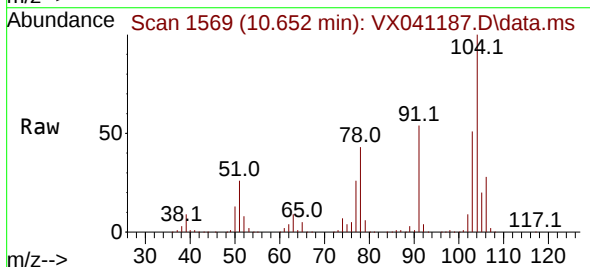
Manual Integrations
APPROVED

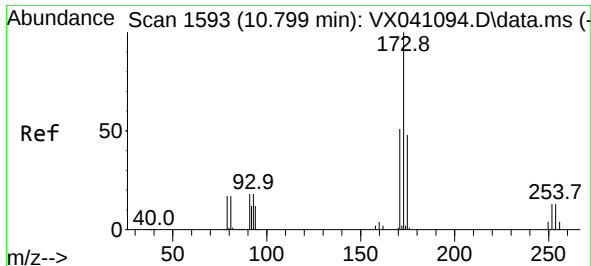
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#70
Styrene
Concen: 158.930 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

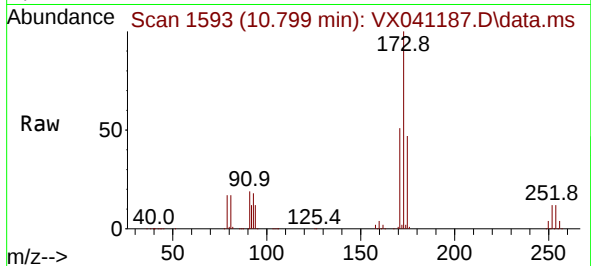
Tgt Ion:104 Resp: 1072526
Ion Ratio Lower Upper
104 100
78 46.6 43.6 65.4
103 54.7 43.6 65.4





#71
Bromoform
Concen: 183.793 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

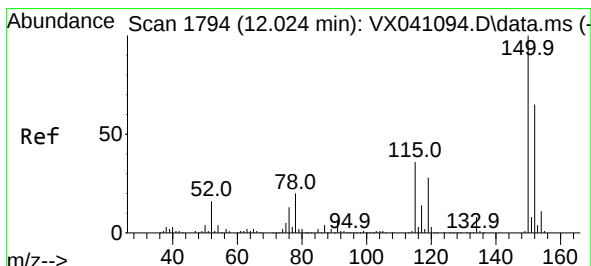
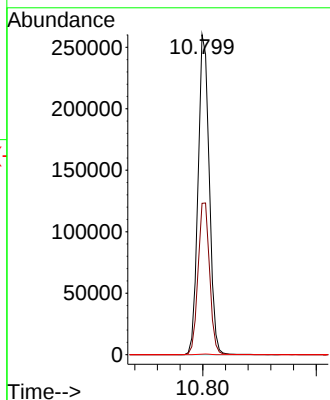
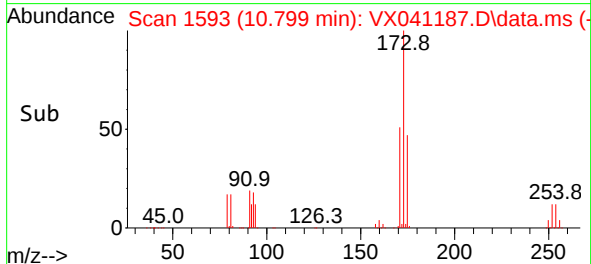
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:173 Resp: 356323
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.2 0.0 0.0

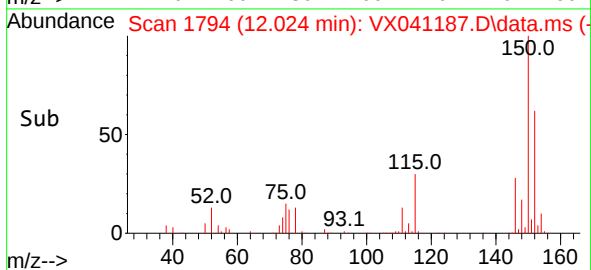
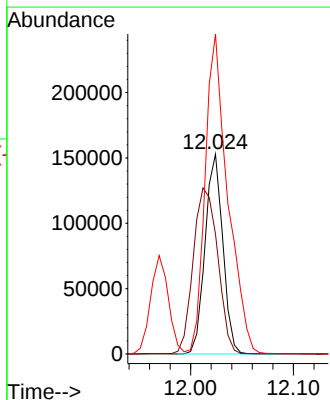
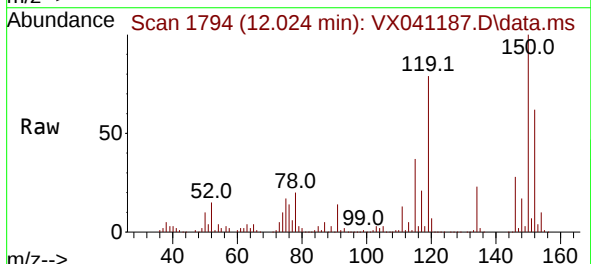
Manual Integrations
APPROVED

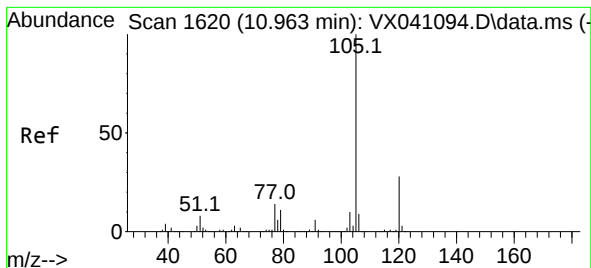
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion:152 Resp: 184073
Ion Ratio Lower Upper
152 100
115 114.5 43.3 129.9
150 204.2 0.0 345.0





#73

Isopropylbenzene

Concen: 139.456 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1597190

Ion Ratio Lower Upper

105 100

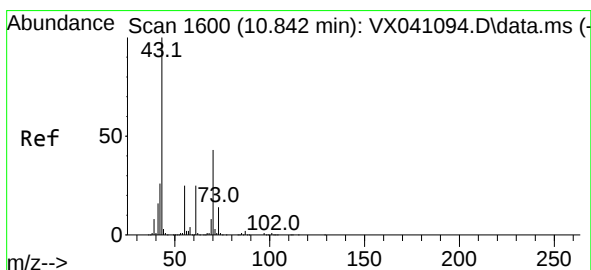
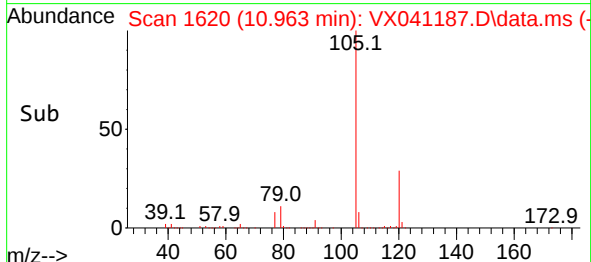
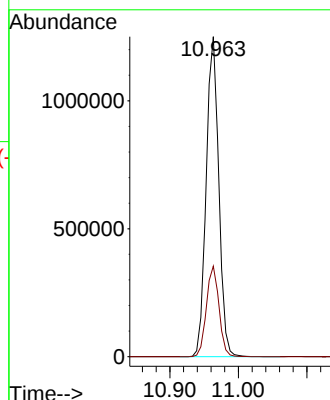
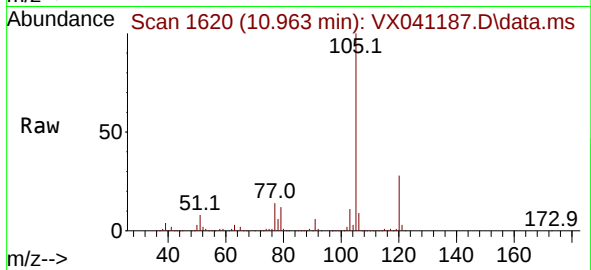
120 28.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#74

N-ethyl acetate

Concen: 153.712 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Tgt Ion: 43 Resp: 691887

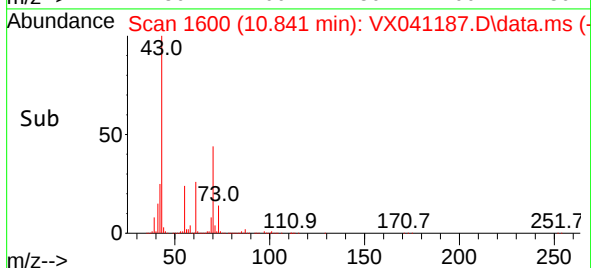
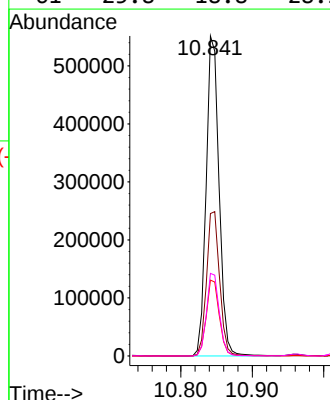
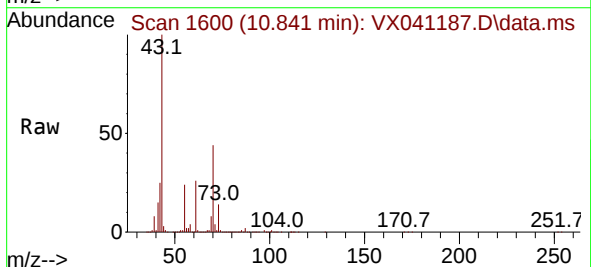
Ion Ratio Lower Upper

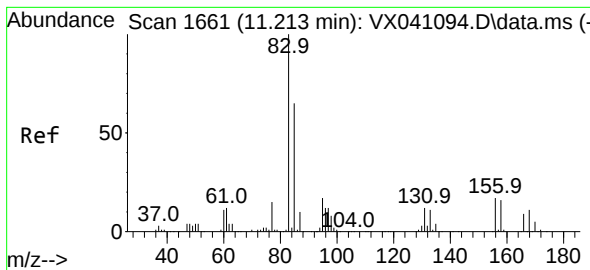
43 100

70 45.9 32.9 49.3

55 24.0 19.3 28.9

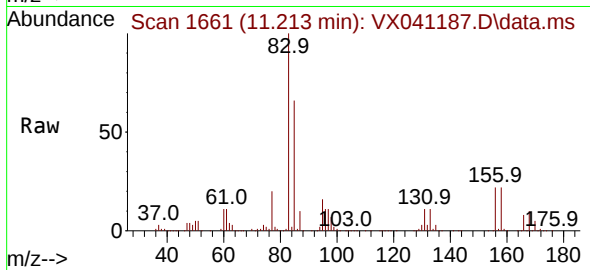
61 25.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 139.893 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

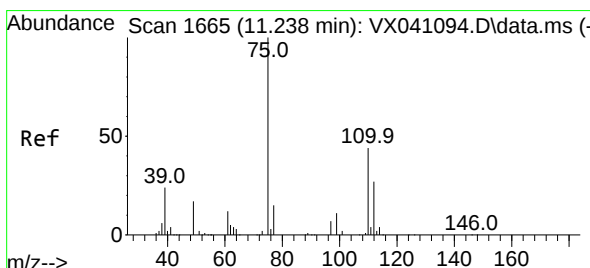
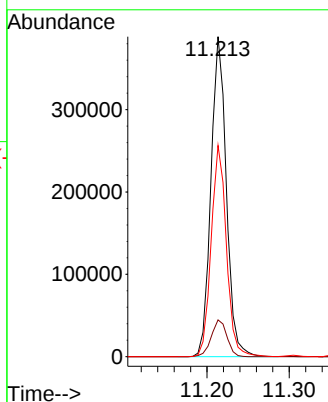
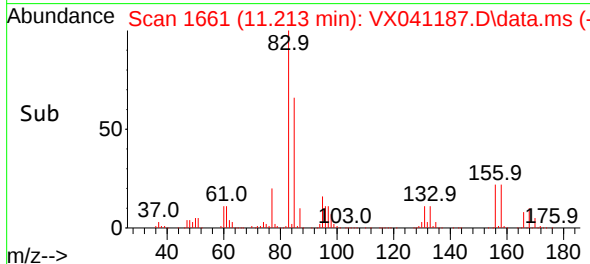
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



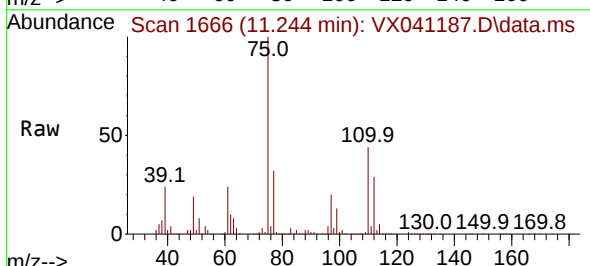
Tgt Ion: 83 Resp: 505274
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.8
85 65.4 32.0 96.2

Manual Integrations
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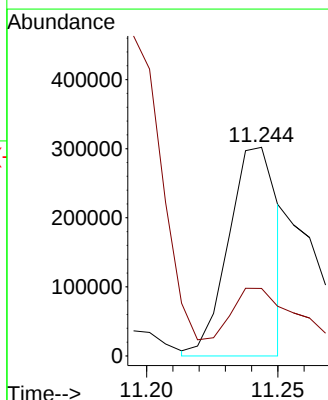
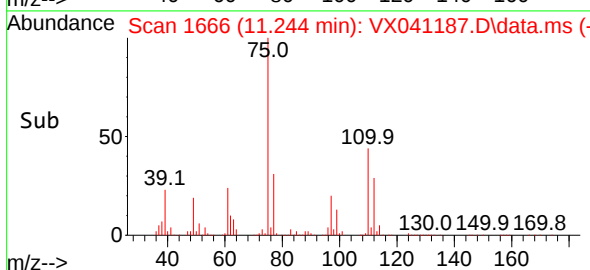
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

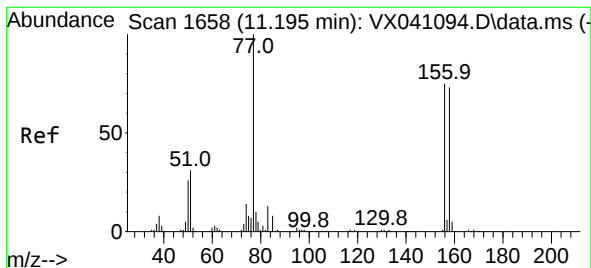


#76
1,2,3-Trichloropropane
Concen: 132.051 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52



Tgt Ion: 75 Resp: 391631
Ion Ratio Lower Upper
75 100
77 48.4 19.1 57.5





#77

Bromobenzene

Concen: 141.262 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

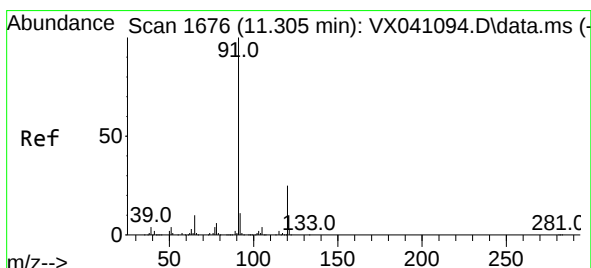
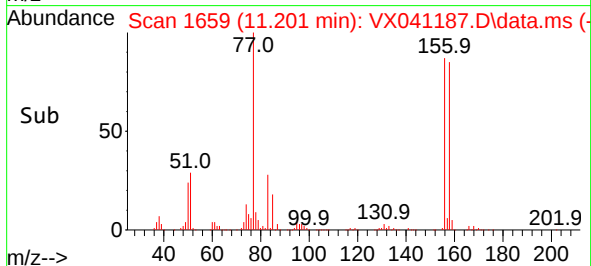
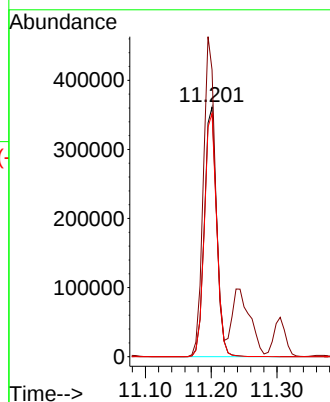
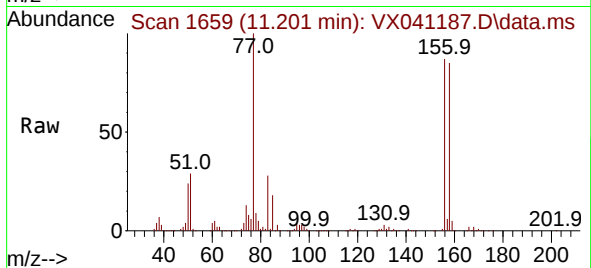
Tgt Ion:	156	Resp:	470812
Ion	Ratio	Lower	Upper
156	100		
77	125.8	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#78

n-propylbenzene

Concen: 143.934 ug/l

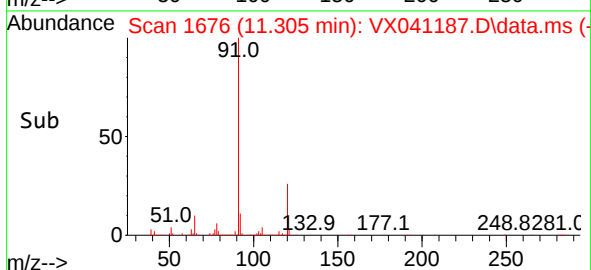
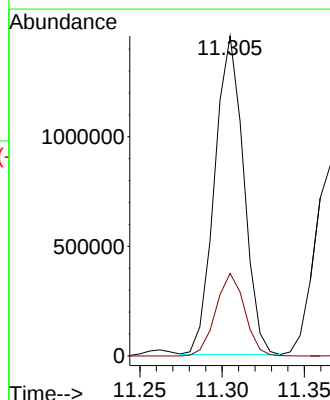
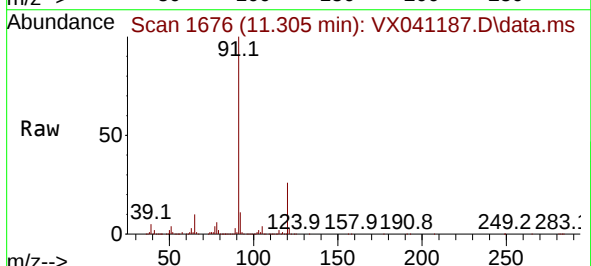
RT: 11.305 min Scan# 1676

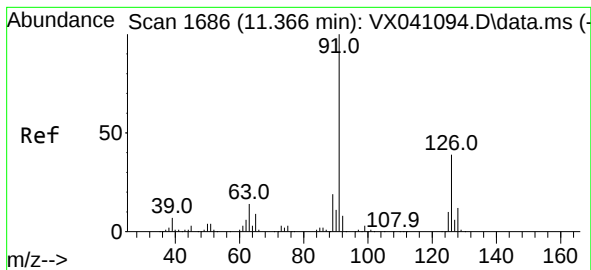
Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Tgt Ion:	91	Resp:	1779992
Ion	Ratio	Lower	Upper
91	100		
120	25.8	11.5	34.4





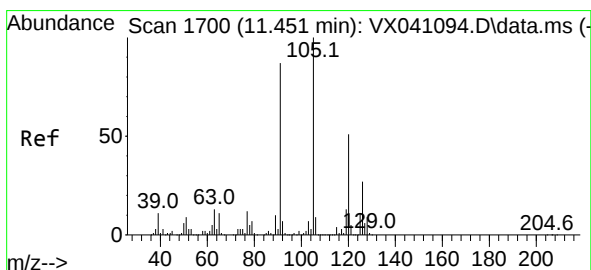
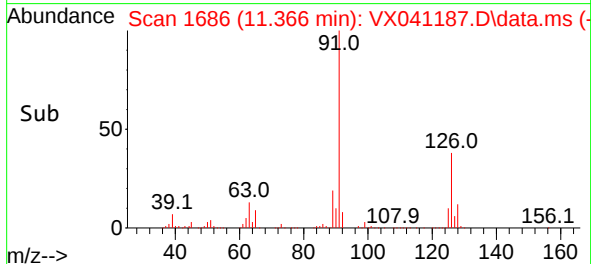
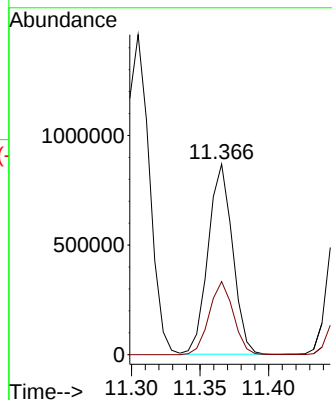
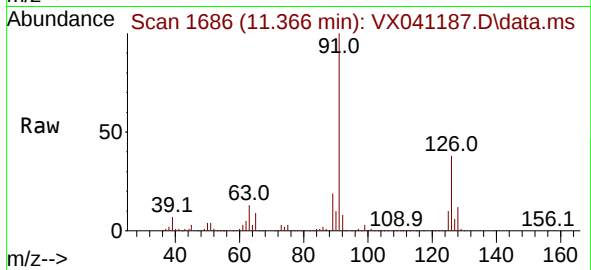
#79
2-Chlorotoluene
Concen: 137.584 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 107670
Ion Ratio Lower Upper
91 100
126 38.1 16.3 48.8

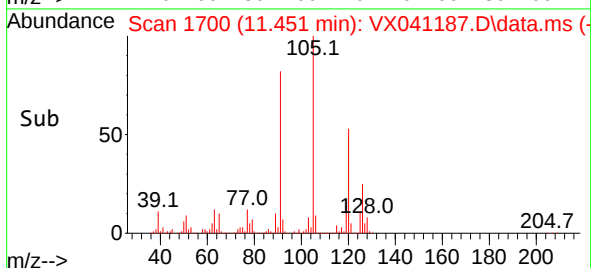
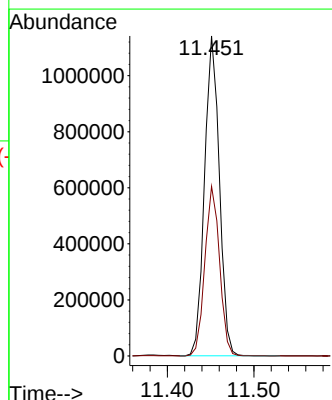
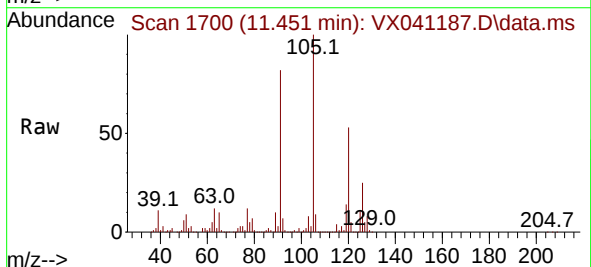
Manual Integrations
APPROVED

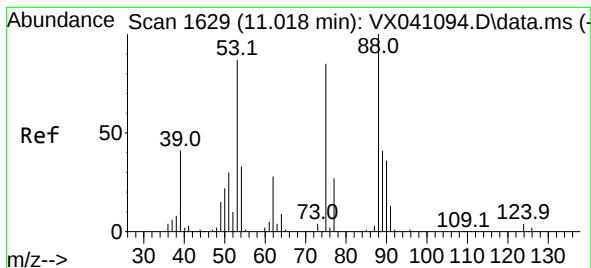
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 142.271 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

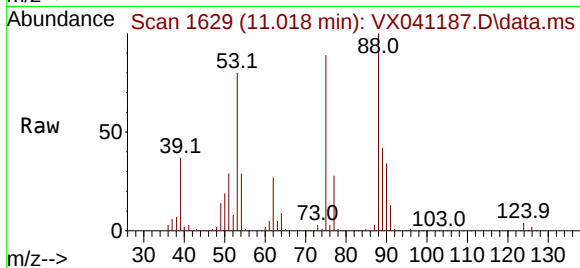
Tgt Ion:105 Resp: 1355590
Ion Ratio Lower Upper
105 100
120 52.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 170.802 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

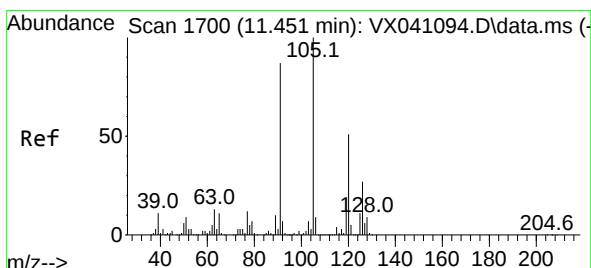
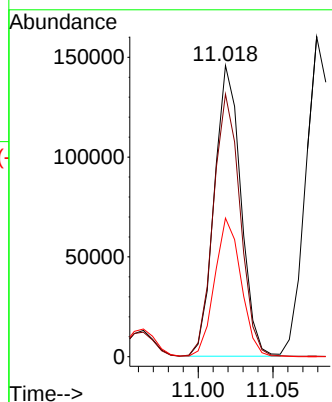
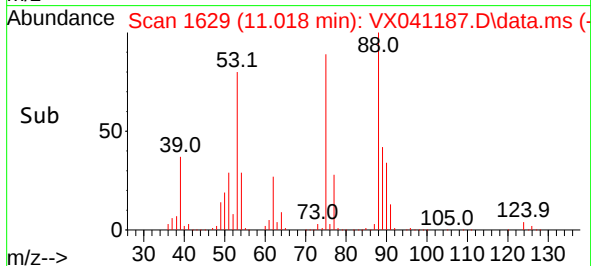
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 179540
Ion Ratio Lower Upper
75 100
53 91.9 90.5 135.7
89 47.5 36.9 55.3

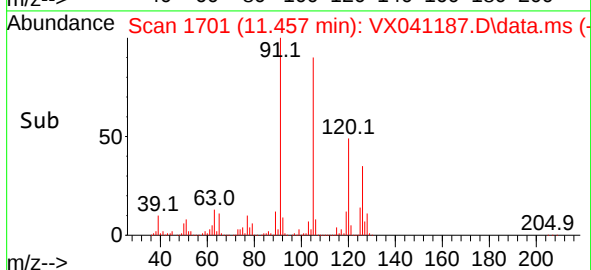
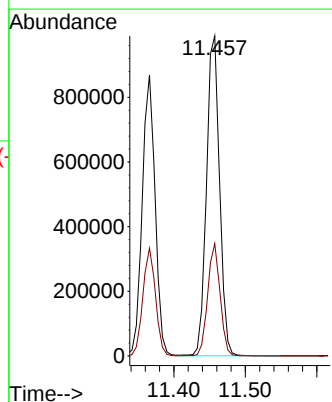
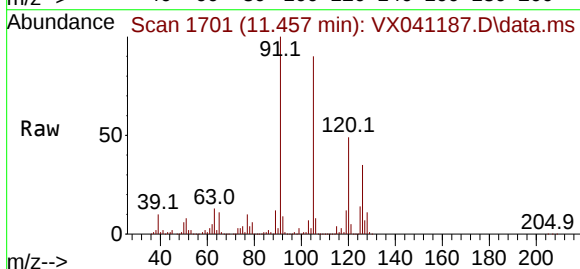
Manual Integrations
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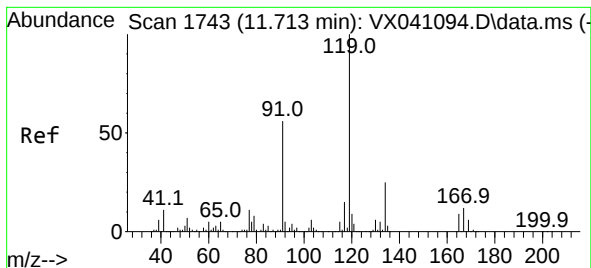
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 141.674 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion: 91 Resp: 1256425
Ion Ratio Lower Upper
91 100
126 33.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 147.565 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 1505678

Ion Ratio Lower Upper

119 100

91 52.0 31.2 93.6

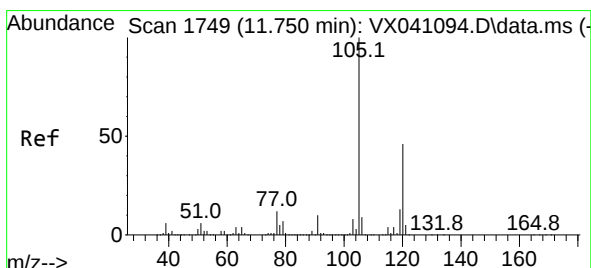
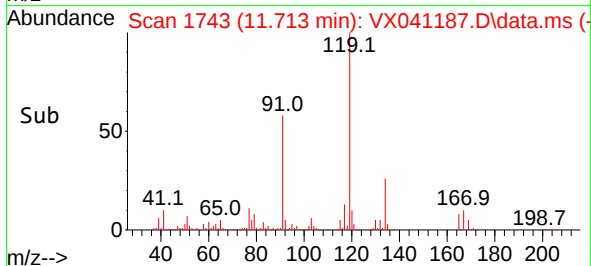
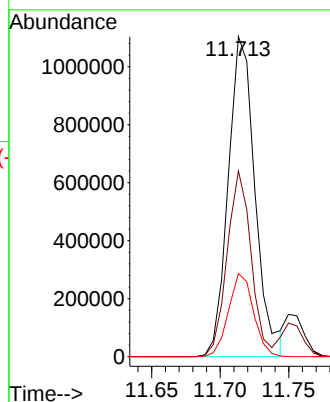
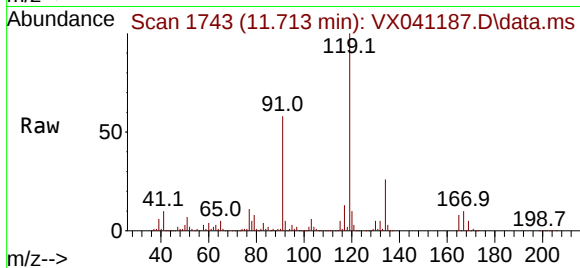
134 24.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 144.579 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041187.D

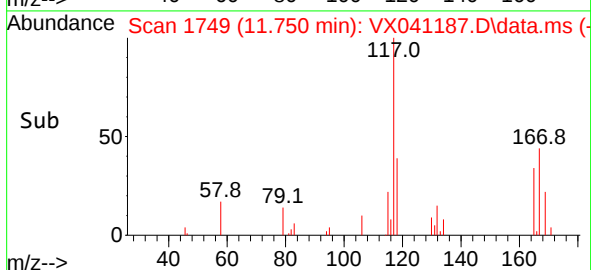
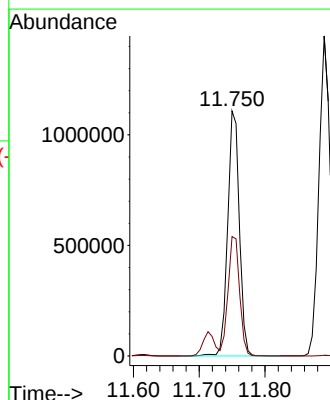
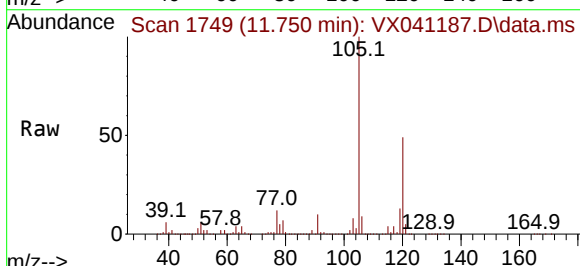
Acq: 22 Apr 2024 12:52

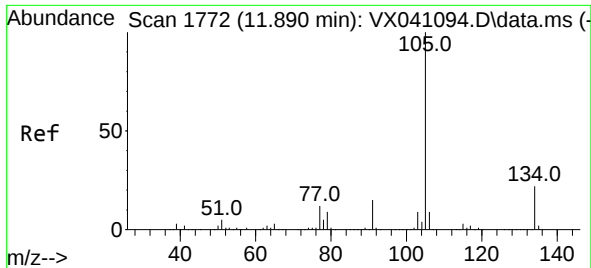
Tgt Ion:105 Resp: 1367292

Ion Ratio Lower Upper

105 100

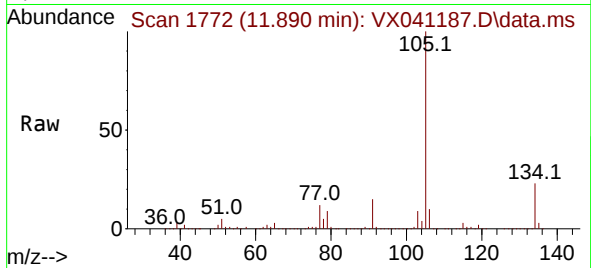
120 48.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 147.034 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041187.D
 Acq: 22 Apr 2024 12:52

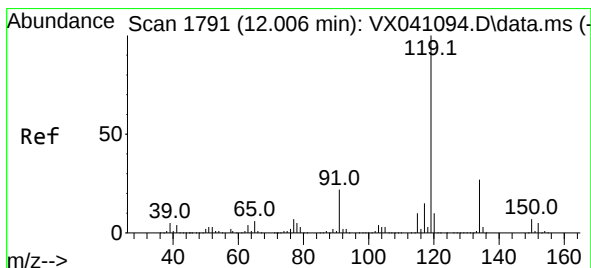
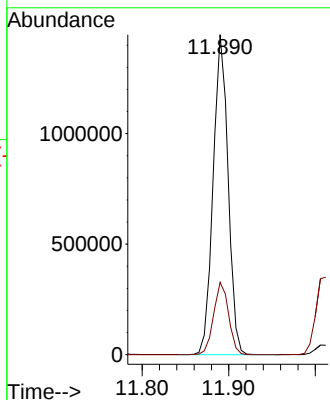
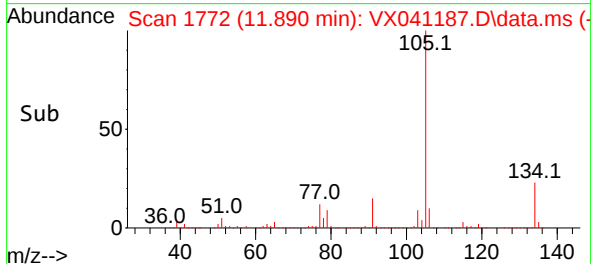
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



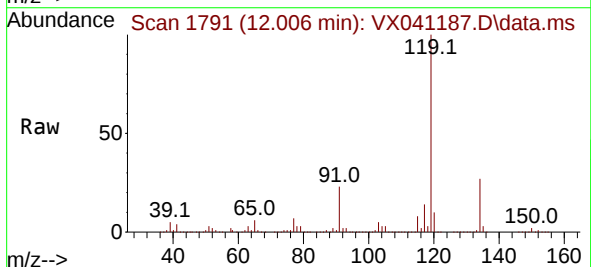
Tgt Ion:105 Resp: 1732468
 Ion Ratio Lower Upper
 105 100
 134 22.7 9.8 29.4

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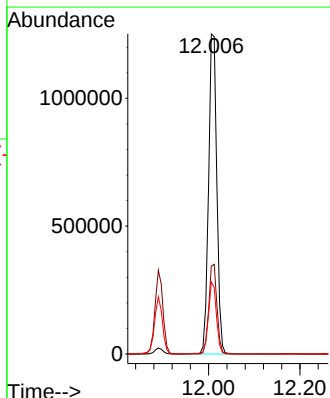
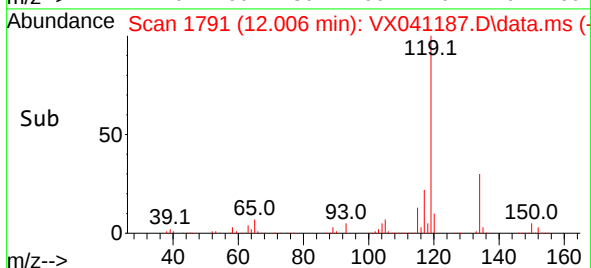
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

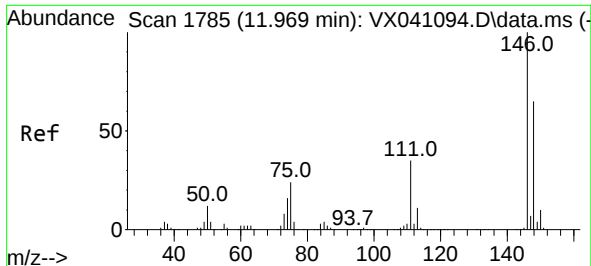


#86
 p-Isopropyltoluene
 Concen: 150.435 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041187.D
 Acq: 22 Apr 2024 12:52



Tgt Ion:119 Resp: 1562044
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.8 38.3
 91 21.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 144.466 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 864908

Ion Ratio Lower Upper

146 100

111 36.3 22.1 66.1

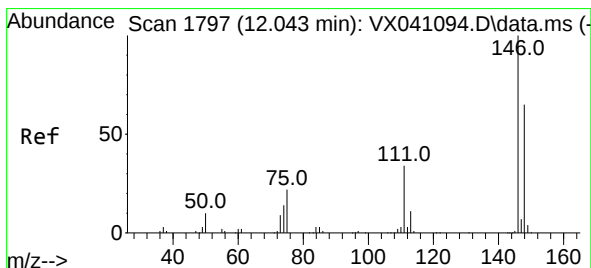
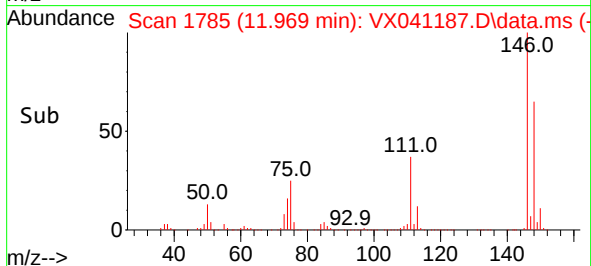
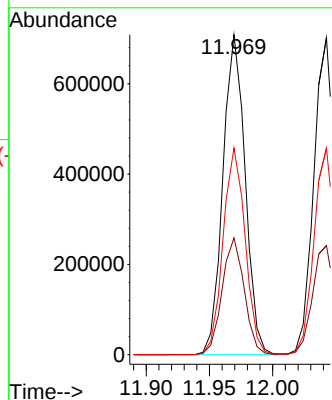
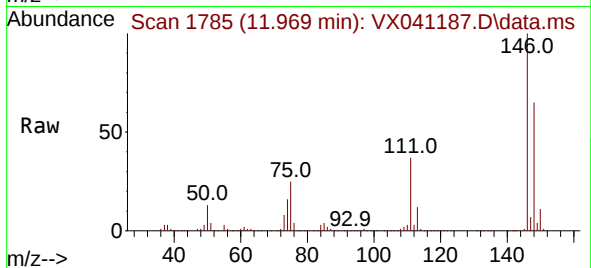
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

Concen: 138.345 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

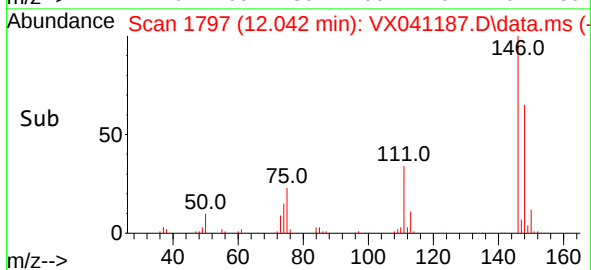
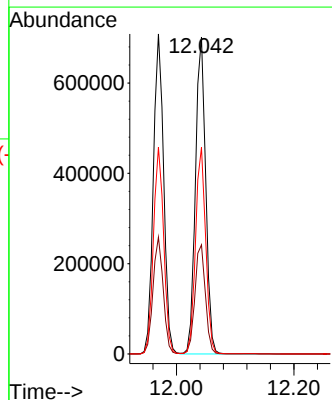
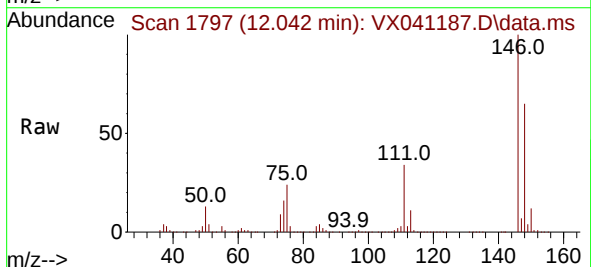
Tgt Ion:146 Resp: 849820

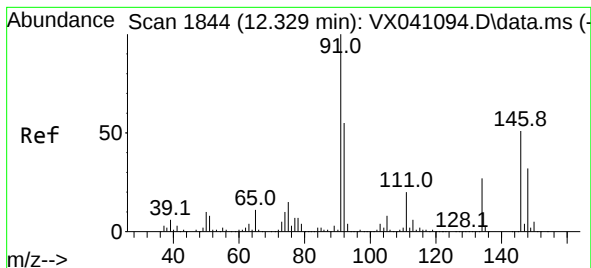
Ion Ratio Lower Upper

146 100

111 35.2 21.3 63.7

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 162.833 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 128375

Ion Ratio Lower Upper

91 100

92 55.9 27.4 82.0

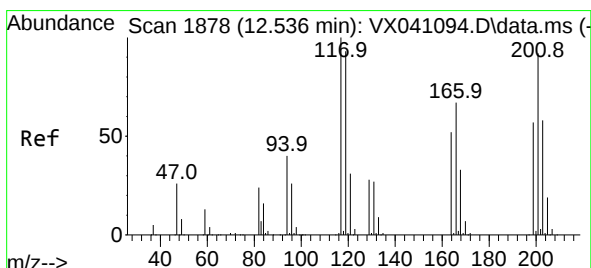
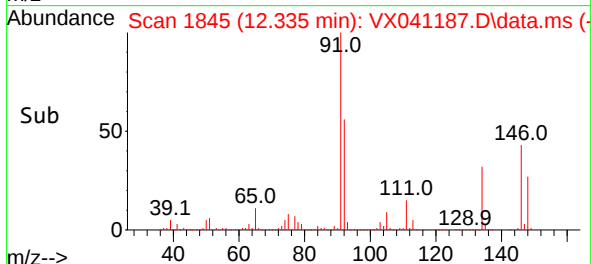
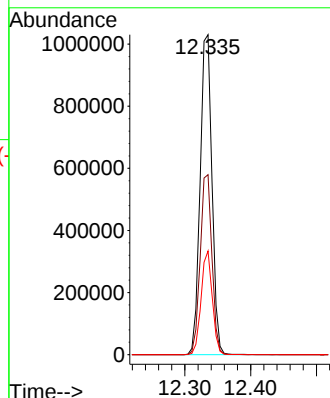
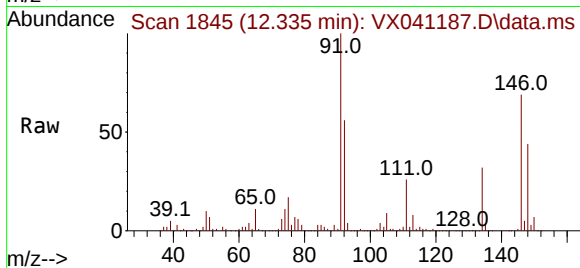
134 30.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#90

Hexachloroethane

Concen: 164.521 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041187.D

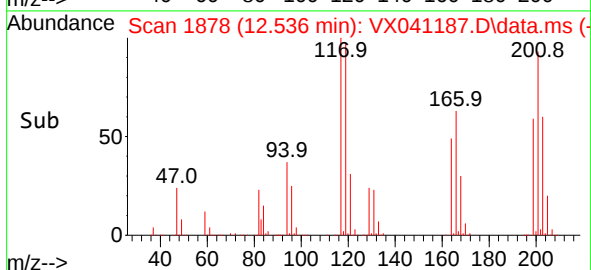
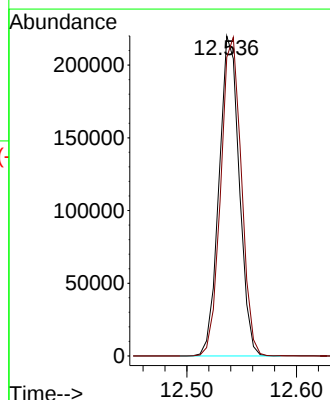
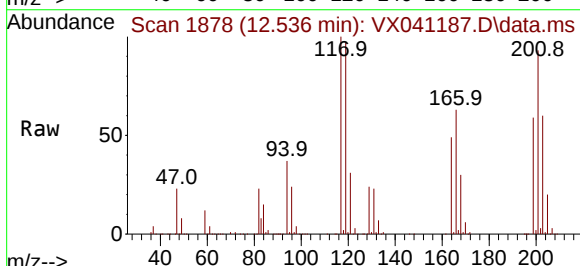
Acq: 22 Apr 2024 12:52

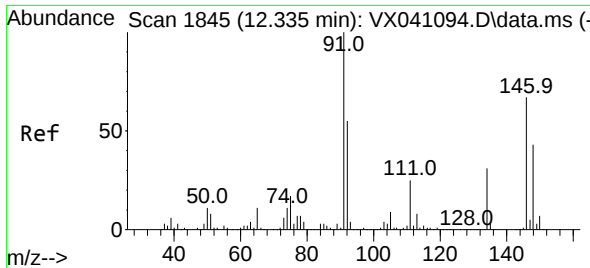
Tgt Ion:117 Resp: 281793

Ion Ratio Lower Upper

117 100

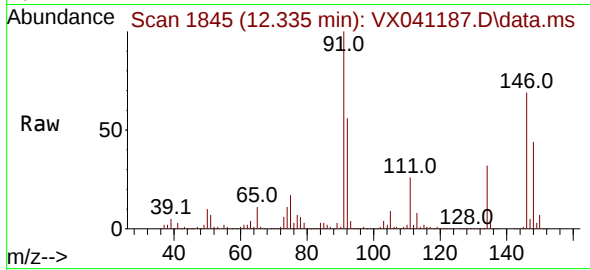
201 101.1 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 144.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

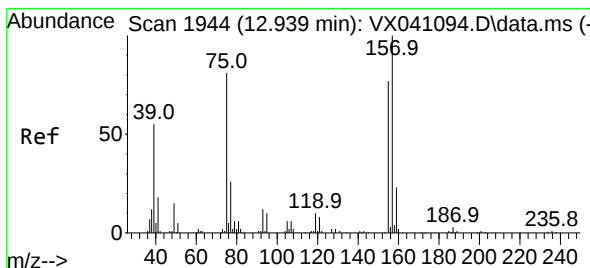
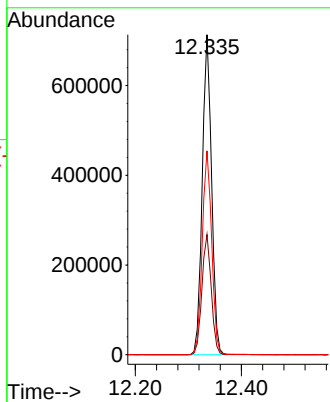
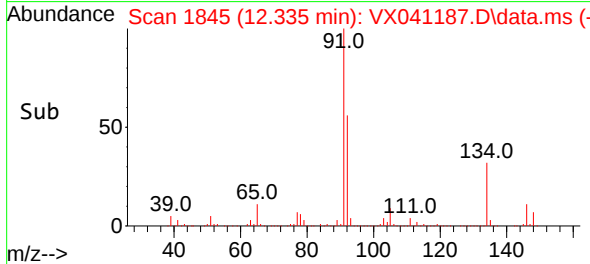
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 867550
Ion Ratio Lower Upper
146 100
111 37.8 22.4 67.0
148 64.6 31.6 95.0

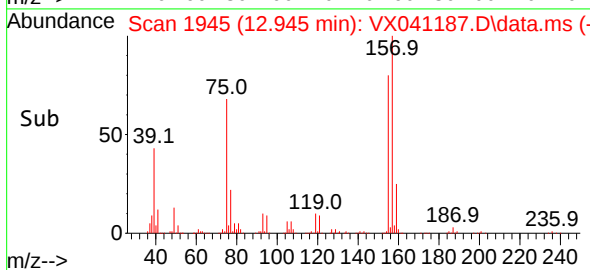
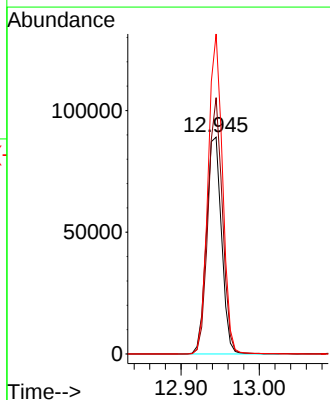
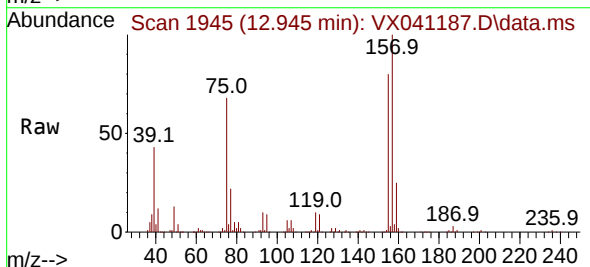
Manual Integrations
APPROVED

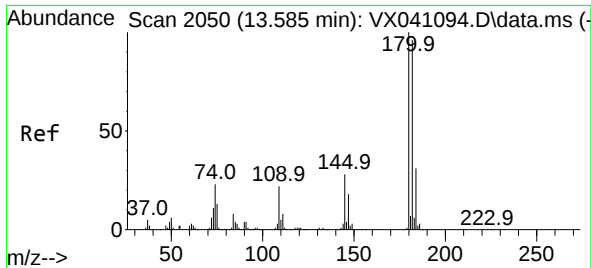
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 157.631 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion: 75 Resp: 119463
Ion Ratio Lower Upper
75 100
155 111.0 36.1 108.5#
157 140.6 44.9 134.7#





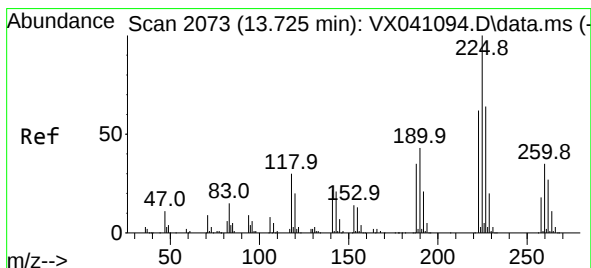
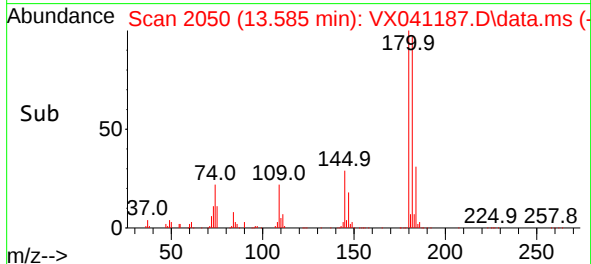
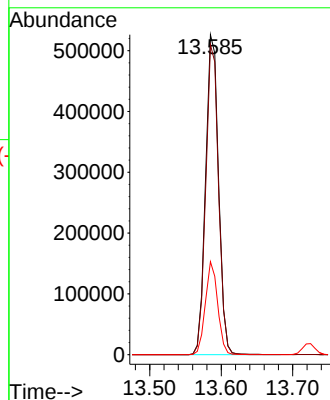
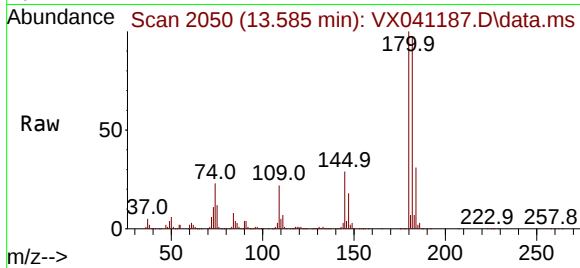
#93
1,2,4-Trichlorobenzene
Concen: 159.545 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 663328
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.8
145 27.7 18.0 54.0

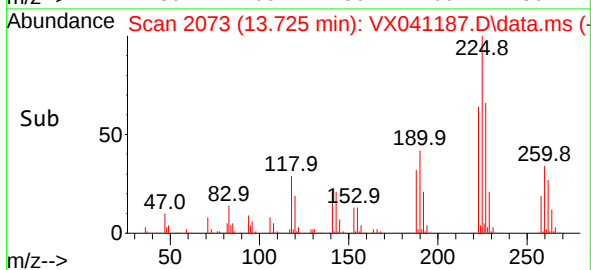
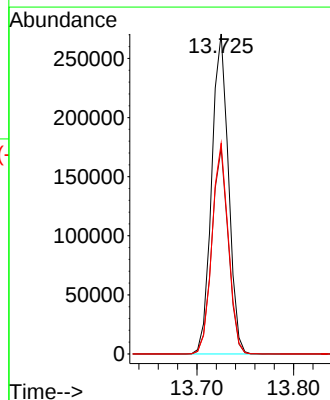
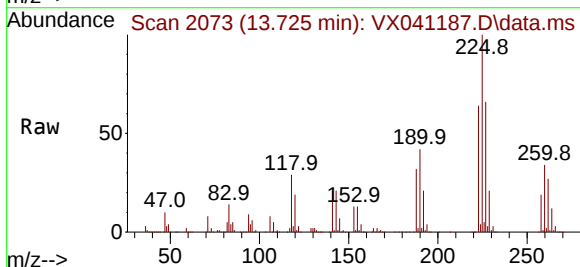
Manual Integrations
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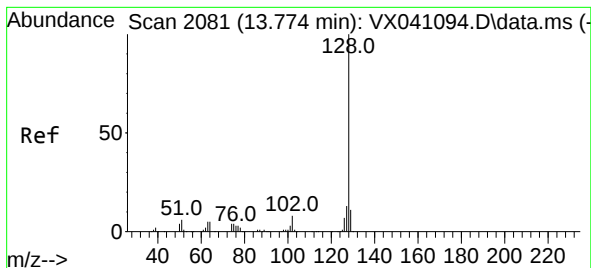
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#94
Hexachlorobutadiene
Concen: 153.302 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041187.D
Acq: 22 Apr 2024 12:52

Tgt Ion:225 Resp: 325641
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 64.2 32.5 97.5





#95

Naphthalene

Concen: 153.406 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 183254

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

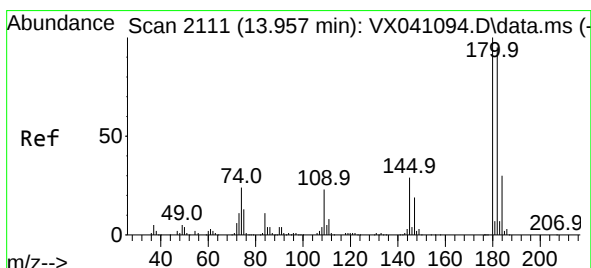
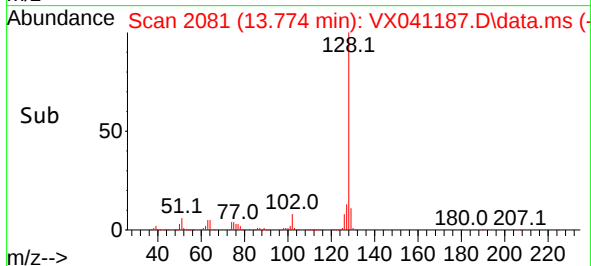
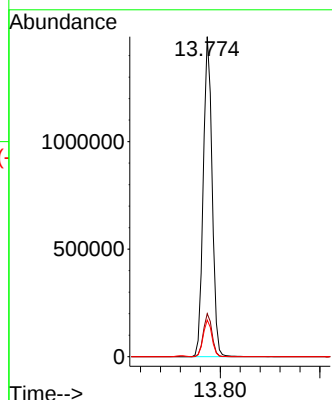
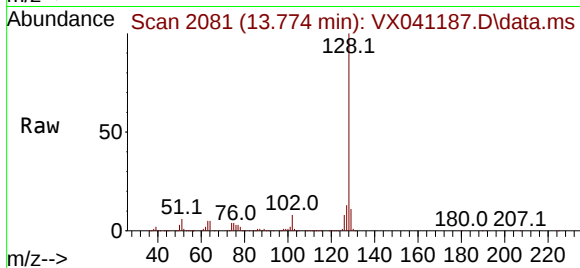
129 11.3 8.8 13.2

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 150.476 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041187.D

Acq: 22 Apr 2024 12:52

Tgt Ion:180 Resp: 658985

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.6

145 29.4 17.8 53.5

