

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041185.D
 Acq On : 22 Apr 2024 12:06
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 05:14:46 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	249383	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	343572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110559	46.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.140%		
35) Dibromofluoromethane	5.385	113	98239	47.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.020%		
50) Toluene-d8	8.647	98	344615	48.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	129476	49.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	102583	52.007	ug/l	100
3) Chloromethane	1.301	50	103878	48.642	ug/l	99
4) Vinyl Chloride	1.374	62	109395	51.226	ug/l	99
5) Bromomethane	1.599	94	61055	50.776	ug/l	98
6) Chloroethane	1.666	64	35648	43.939	ug/l	94
7) Trichlorofluoromethane	1.861	101	166540	50.329	ug/l	98
8) Diethyl Ether	2.136	74	60115	49.366	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	92463	47.492	ug/l	# 86
10) Methyl Iodide	2.441	142	116745	49.726	ug/l	91
11) Tert butyl alcohol	3.062	59	116431	274.108	ug/l	# 95
12) 1,1-Dichloroethene	2.307	96	87370	48.073	ug/l	87
13) Acrolein	2.239	56	116535	244.263	ug/l	98
14) Allyl chloride	2.660	41	147611	49.996	ug/l	# 95
15) Acrylonitrile	3.075	53	287682	264.717	ug/l	99
16) Acetone	2.398	43	203437	235.431	ug/l	98
17) Carbon Disulfide	2.502	76	170744	44.973	ug/l	98
18) Methyl Acetate	2.709	43	115969	45.369	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	339901	52.316	ug/l	99
20) Methylene Chloride	2.788	84	97104	46.012	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	104710	52.135	ug/l	86
22) Diisopropyl ether	3.764	45	330530	51.779	ug/l	93
23) Vinyl Acetate	3.721	43	1489598	272.769	ug/l	95
24) 1,1-Dichloroethane	3.605	63	188669	52.873	ug/l	98
25) 2-Butanone	4.568	43	383303	259.740	ug/l	95
26) 2,2-Dichloropropane	4.471	77	159072	52.746	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	127959	51.401	ug/l	88
28) Bromochloromethane	4.904	49	61987	45.776	ug/l	# 72
29) Tetrahydrofuran	5.013	42	259726	258.345	ug/l	94
30) Chloroform	5.093	83	198086	51.719	ug/l	95
31) Cyclohexane	5.464	56	163646	51.219	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	180187	52.480	ug/l	97
36) 1,1-Dichloropropene	5.690	75	134174	50.176	ug/l	95
37) Ethyl Acetate	4.721	43	157352	53.633	ug/l	97
38) Carbon Tetrachloride	5.672	117	155629	52.107	ug/l	99
39) Methylcyclohexane	7.373	83	184312	51.965	ug/l	92
40) Benzene	6.031	78	424563	51.409	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	83277	54.523	ug/l	92
42) 1,2-Dichloroethane	6.086	62	146832	51.277	ug/l	93
43) Isopropyl Acetate	6.348	43	245254	51.894	ug/l	96
44) Trichloroethene	7.123	130	123410	51.398	ug/l	85
45) 1,2-Dichloropropane	7.428	63	101537	51.278	ug/l	100
46) Dibromomethane	7.580	93	76603	51.881	ug/l #	74
47) Bromodichloromethane	7.824	83	146995	54.010	ug/l	98
48) Methyl methacrylate	7.696	41	120750	54.017	ug/l	90
49) 1,4-Dioxane	7.678	88	54350	1129.611	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	785061	265.384	ug/l	95
52) Toluene	8.720	92	278981	53.611	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	148810	55.742	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	166076	54.723	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	109358	53.857	ug/l	98
56) Ethyl methacrylate	9.122	69	174333	56.160	ug/l	92
57) 1,3-Dichloropropane	9.311	76	177057	52.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	393392	260.382	ug/l	91
59) 2-Hexanone	9.433	43	607863	267.962	ug/l	95
60) Dibromochloromethane	9.525	129	128662	54.890	ug/l	99
61) 1,2-Dibromoethane	9.610	107	116296	53.382	ug/l	100
64) Tetrachloroethene	9.269	164	120789	51.296	ug/l	91
65) Chlorobenzene	10.080	112	323878	51.256	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	114689	52.990	ug/l	98
67) Ethyl Benzene	10.195	91	529585	52.518	ug/l	96
68) m/p-Xylenes	10.299	106	425125	104.434	ug/l	91
69) o-Xylene	10.640	106	208362	52.627	ug/l	92
70) Styrene	10.653	104	350095	54.353	ug/l	95
71) Bromoform	10.799	173	105435	56.979	ug/l #	100
73) Isopropylbenzene	10.964	105	541807	51.739	ug/l	96
74) N-amyl acetate	10.842	43	220003	53.455	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	168254	50.948	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	133724m	49.314	ug/l	
77) Bromobenzene	11.201	156	153062	50.227	ug/l	77
78) n-propylbenzene	11.305	91	593918	52.525	ug/l	95
79) 2-Chlorotoluene	11.366	91	363902	50.856	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	448776	51.512	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	51834	53.929	ug/l	91
82) 4-Chlorotoluene	11.451	91	409578	50.510	ug/l	91
83) tert-Butylbenzene	11.713	119	491154	52.645	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	455937	52.728	ug/l	93
85) sec-Butylbenzene	11.890	105	573796	53.260	ug/l	95
86) p-Isopropyltoluene	12.006	119	508768	53.588	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	278811	50.933	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	280879	50.009	ug/l	95
89) n-Butylbenzene	12.329	91	397613	55.159	ug/l	97
90) Hexachloroethane	12.536	117	83020	53.011	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	283162	51.645	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36789	53.091	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.585	180	201025	52.880	ug/l	96
94) Hexachlorobutadiene	13.725	225	102309	52.676	ug/l	98
95) Naphthalene	13.774	128	590103	54.026	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207904	51.921	ug/l	95

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ClientSampleId :
VSTDICCC050

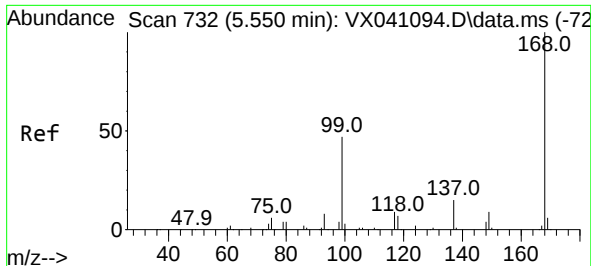
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/23/2024

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:06:51 2024
Response via : Initial Calibration

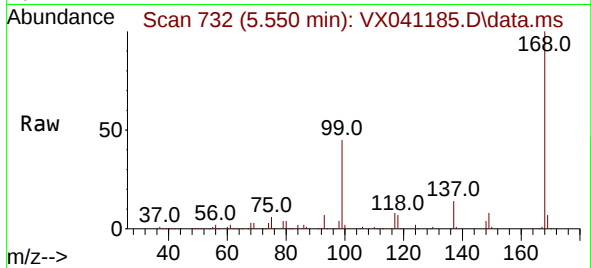
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

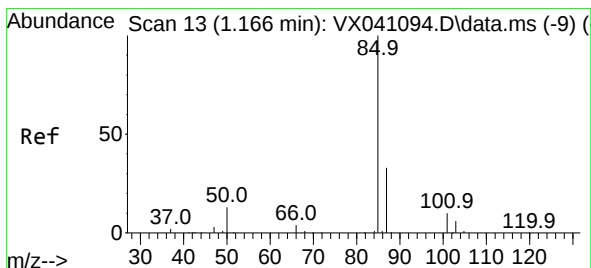
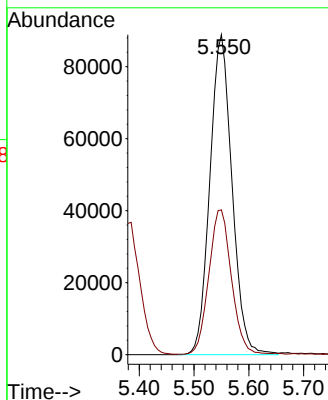
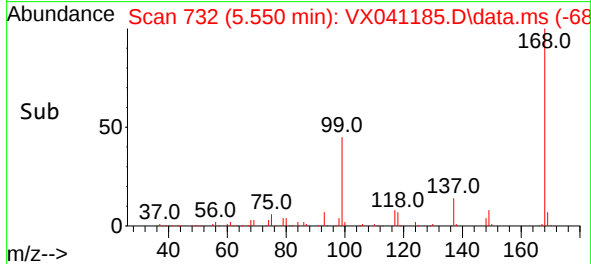
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 24938
Ion Ratio Lower Upper
168 100
99 45.1 56.6 85.0

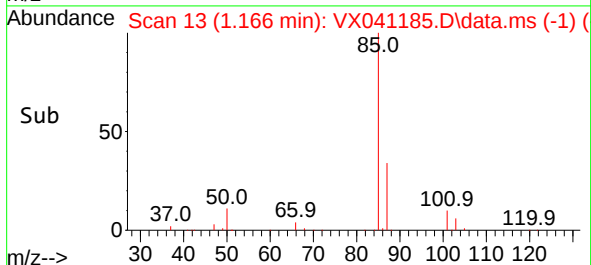
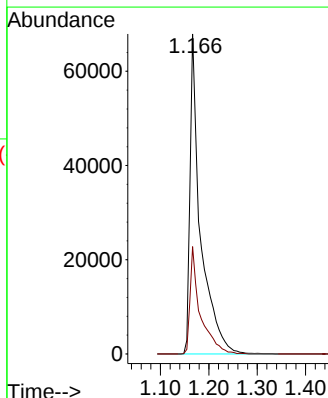
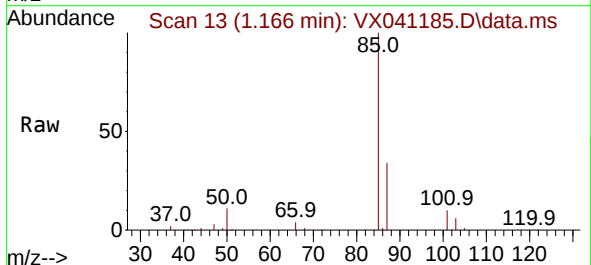
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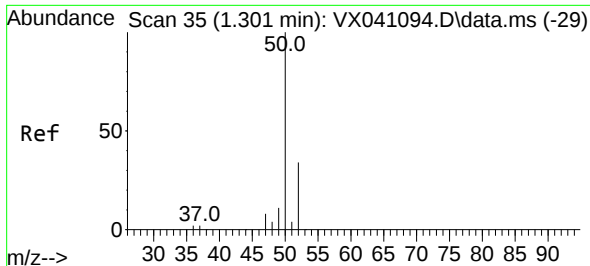
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 52.007 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

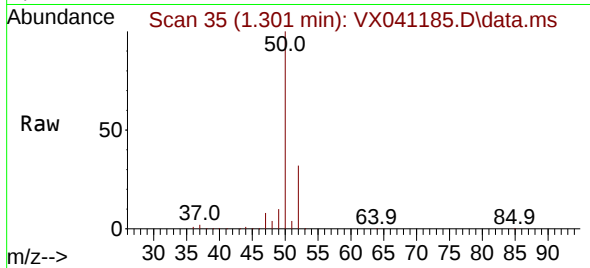
Tgt Ion: 85 Resp: 102583
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





#3
Chloromethane
Concen: 48.642 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

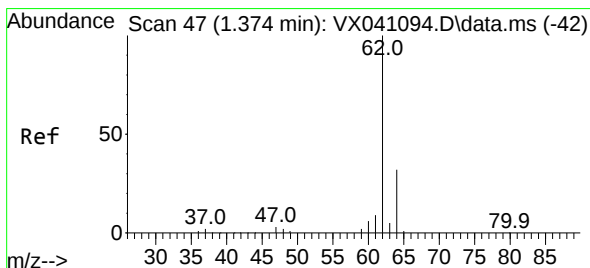
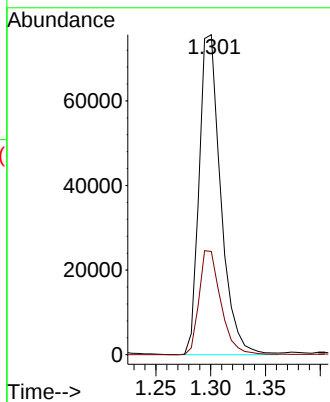
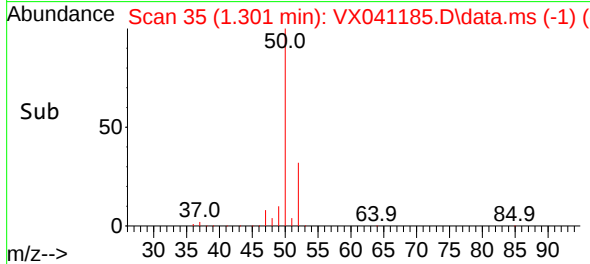
Instrument :
MSVOA_X
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VSTDICCC050



Tgt Ion: 50 Resp: 103878
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

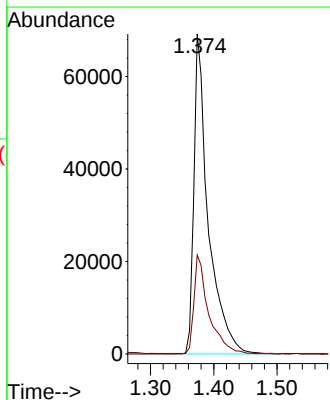
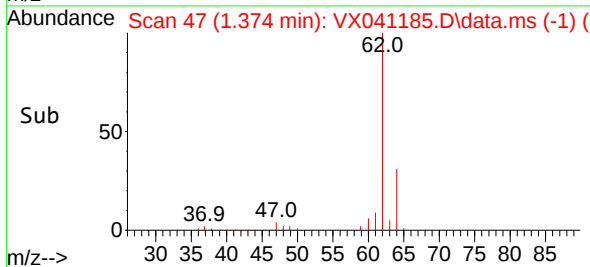
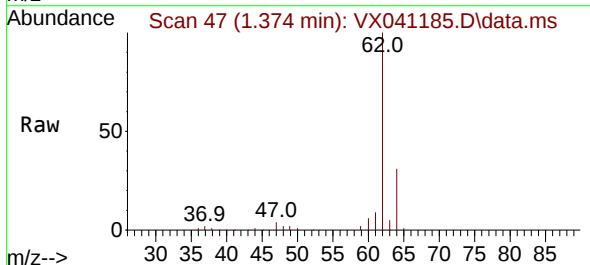
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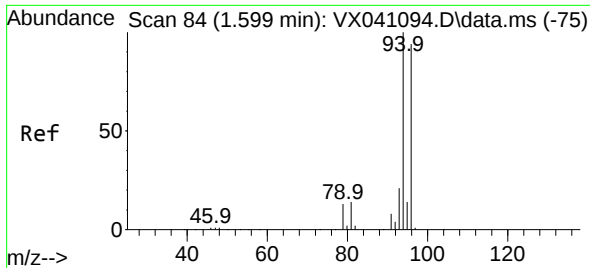
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#4
Vinyl Chloride
Concen: 51.226 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

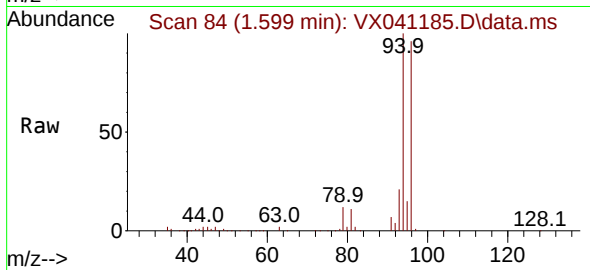
Tgt Ion: 62 Resp: 109395
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





#5
Bromomethane
Concen: 50.776 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

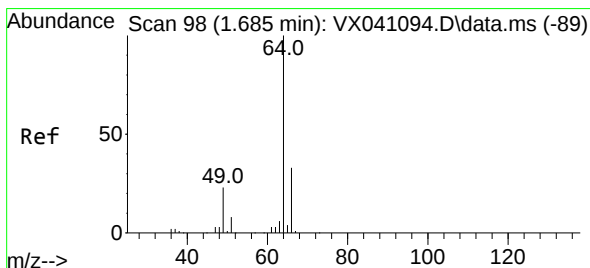
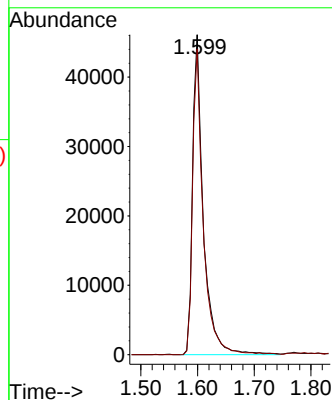
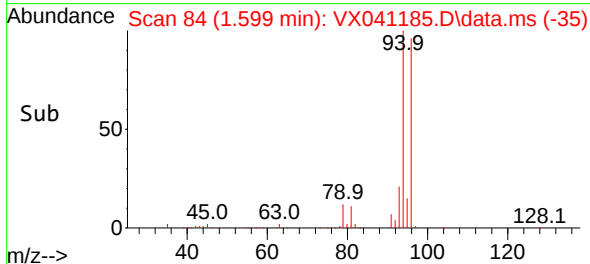
Instrument :
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Tgt Ion: 94 Resp: 6105
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8

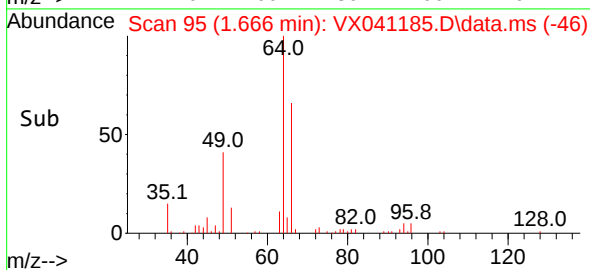
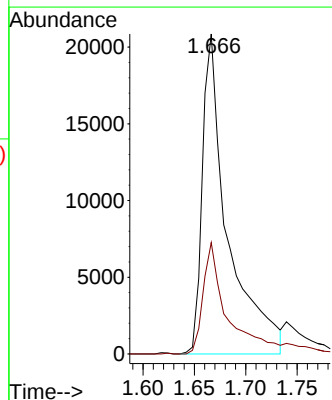
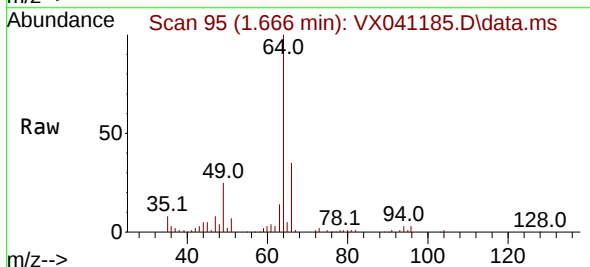
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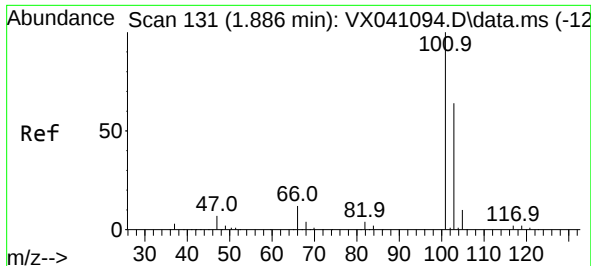
Reviewed By :John Carlone 04/23/2024
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#6
Chloroethane
Concen: 43.939 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041185.D
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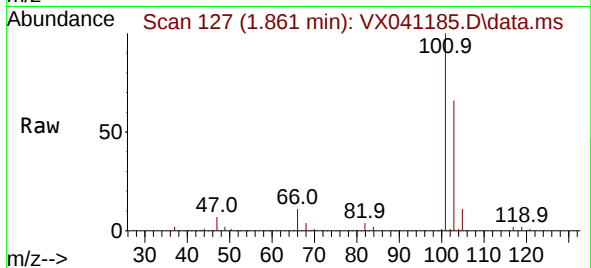
Tgt Ion: 64 Resp: 35648
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.329 ug/l
RT: 1.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041185.D
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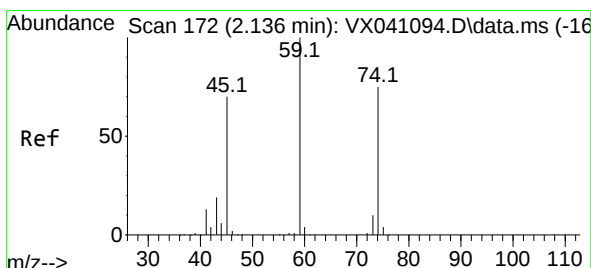
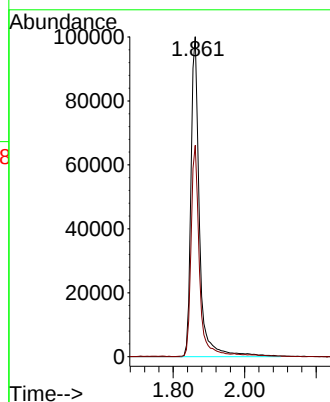
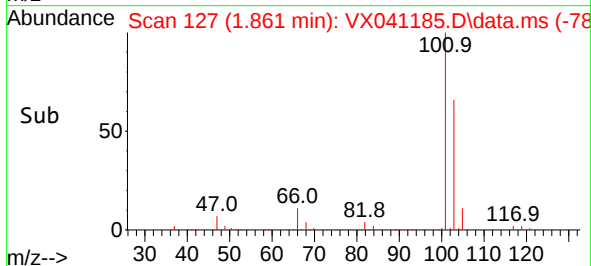
Instrument :
MSVOA_X
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VSTDICCC050



Tgt Ion:101 Resp: 166540
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

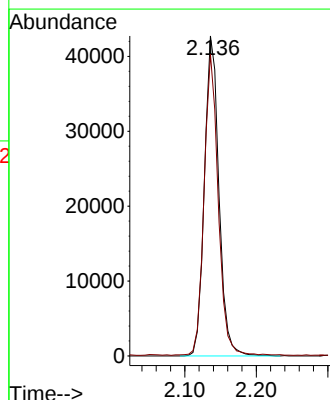
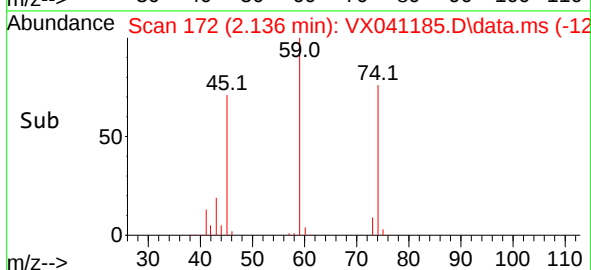
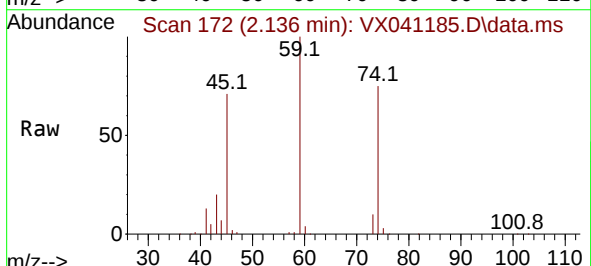
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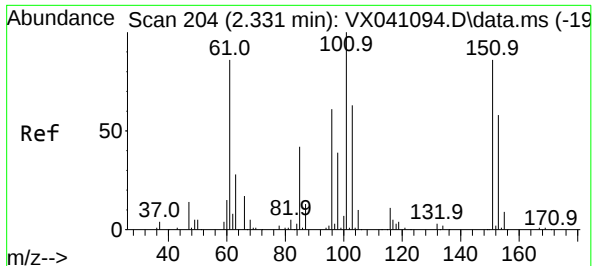
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#8
Diethyl Ether
Concen: 49.366 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041185.D
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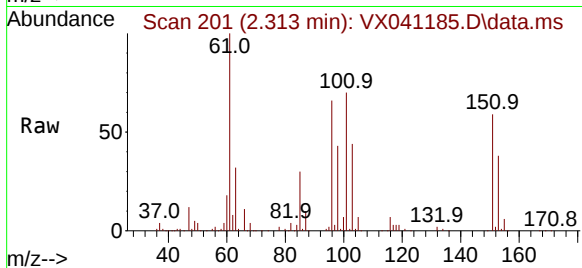
Tgt Ion: 74 Resp: 60115
Ion Ratio Lower Upper
74 100
45 91.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.492 ug/l
RT: 2.313 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

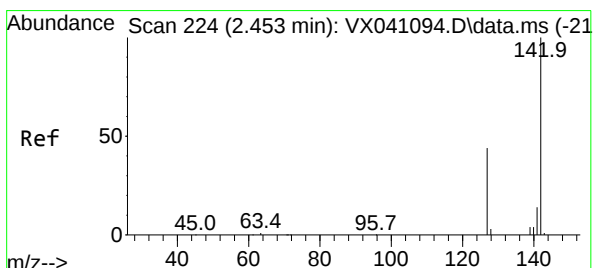
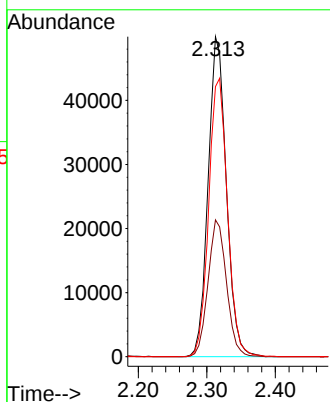
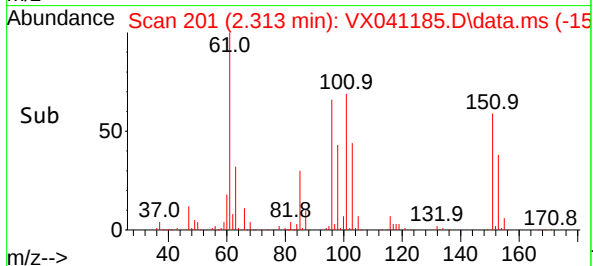
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 9246
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 89.7 58.6 87.8

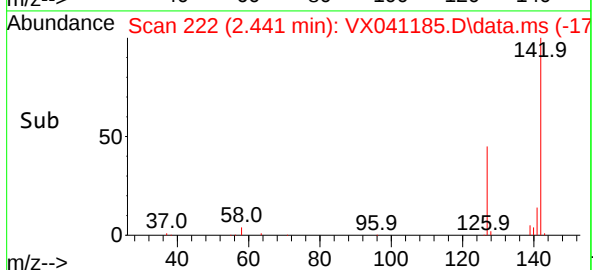
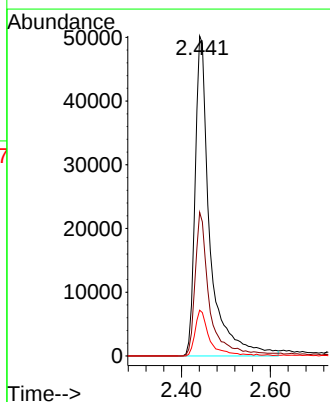
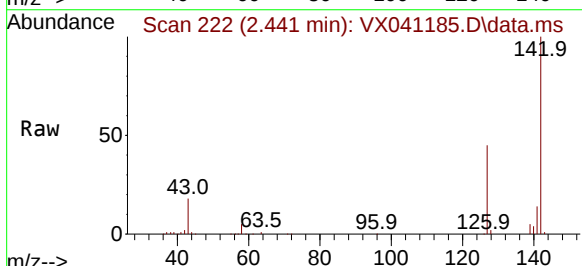
Manual Integrations
APPROVED

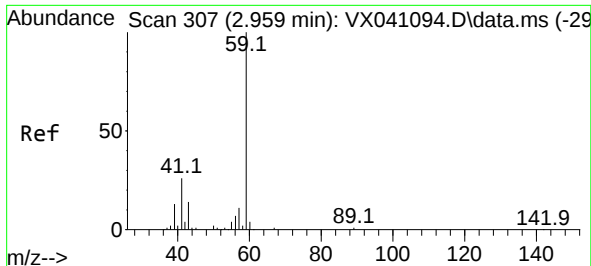
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 49.726 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

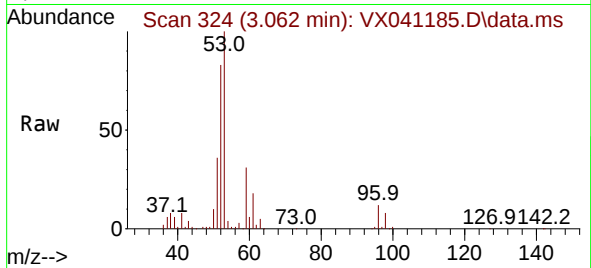
Tgt Ion:142 Resp: 116745
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 274.108 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

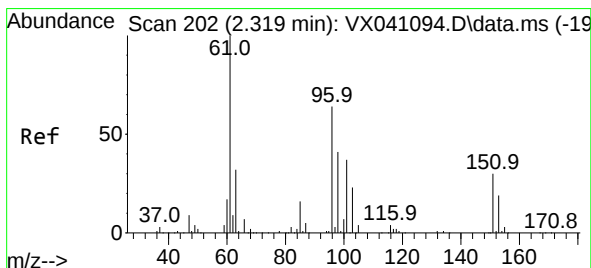
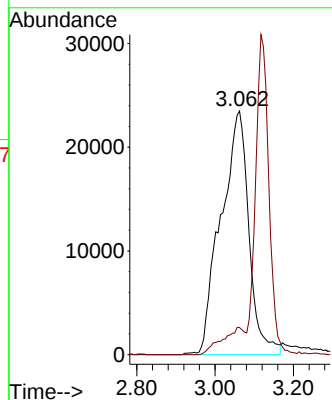
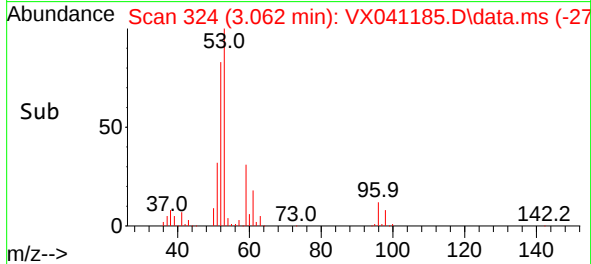
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 11643
Ion Ratio Lower Upper
59 100
57 9.3 6.0 9.0

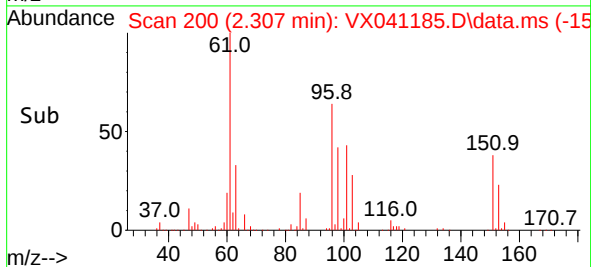
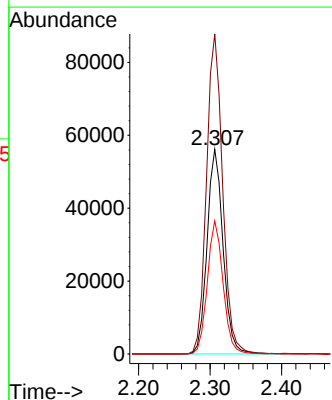
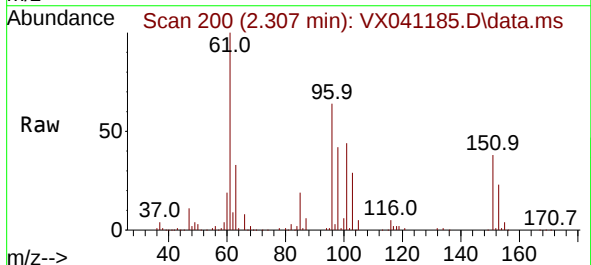
Manual Integrations
APPROVED

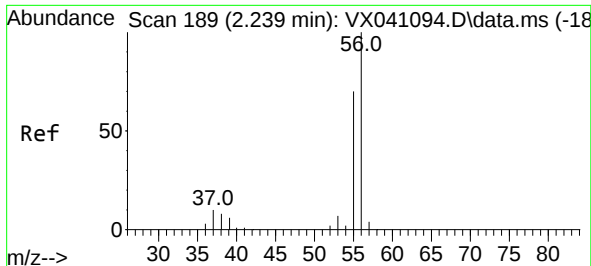
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#12
1,1-Dichloroethene
Concen: 48.073 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 96 Resp: 87370
Ion Ratio Lower Upper
96 100
61 156.4 144.6 216.8
98 65.0 50.4 75.6





#13

Acrolein

Concen: 244.263 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041185.D

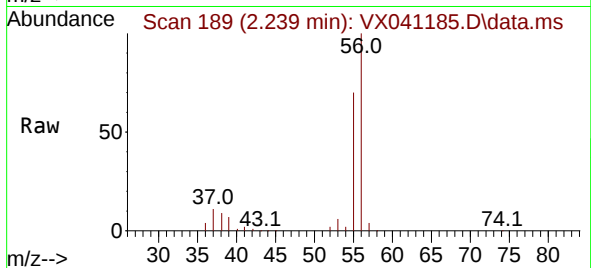
Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



Tgt Ion: 56 Resp: 11653

Ion Ratio Lower Upper

56 100

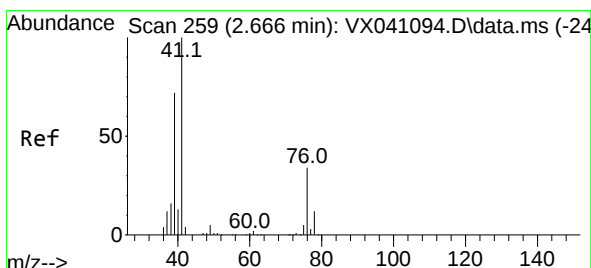
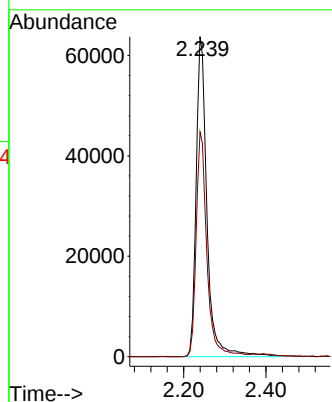
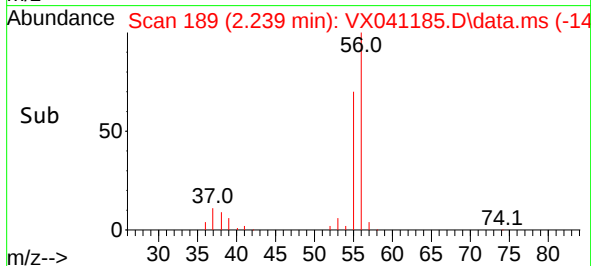
55 69.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#14

Allyl chloride

Concen: 49.996 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

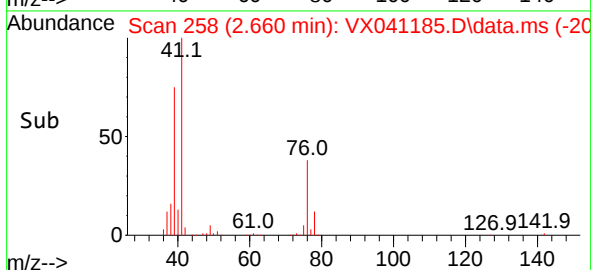
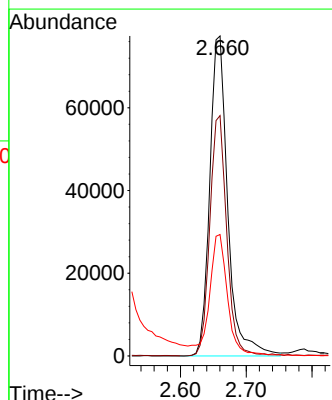
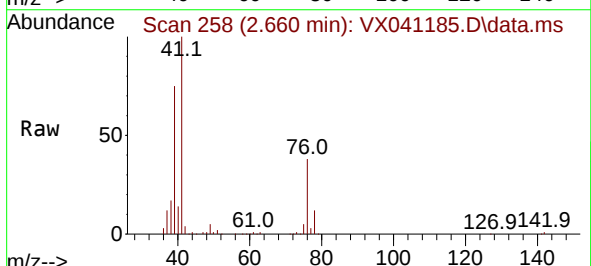
Tgt Ion: 41 Resp: 147611

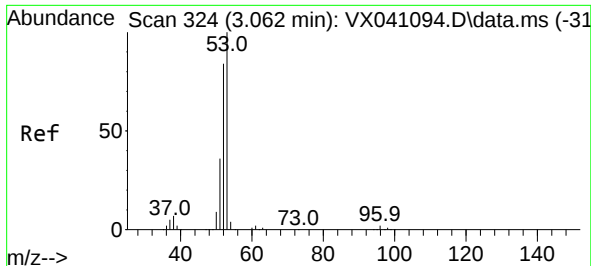
Ion Ratio Lower Upper

41 100

39 70.8 55.8 83.6

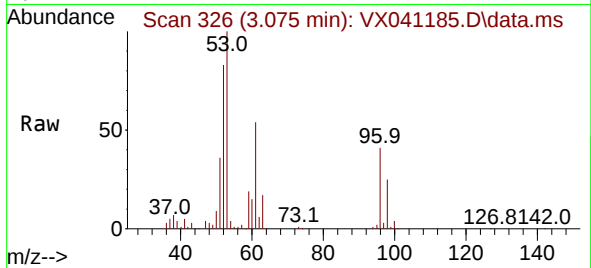
76 37.2 24.3 36.5





#15
Acrylonitrile
Concen: 264.717 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

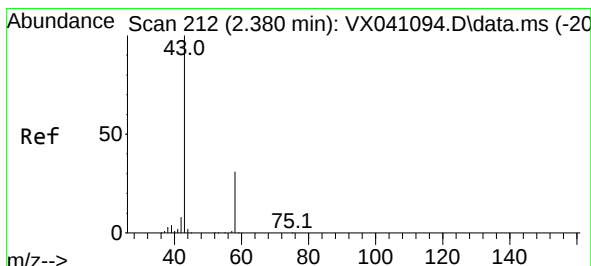
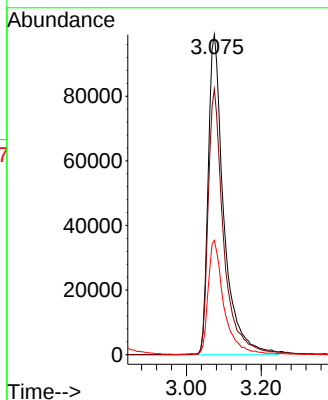
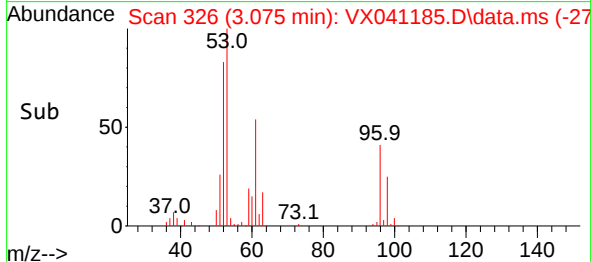
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 287682
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.6 29.8 44.6

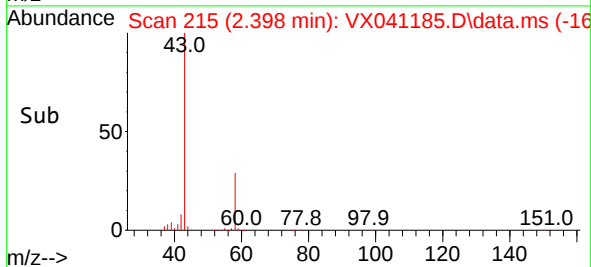
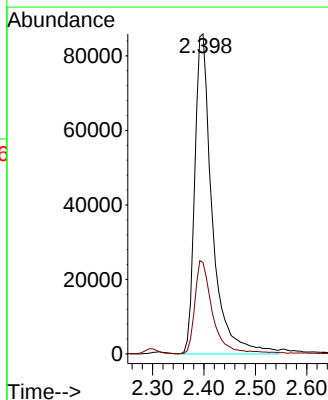
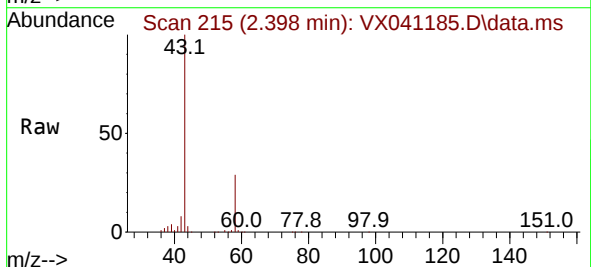
Manual Integrations
APPROVED

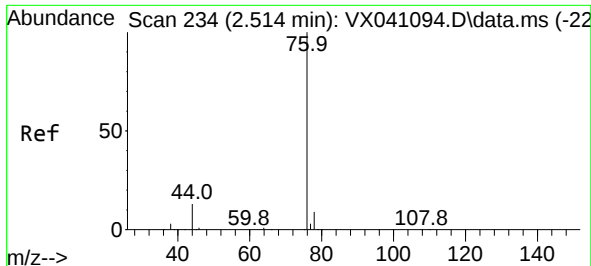
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#16
Acetone
Concen: 235.431 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 43 Resp: 203437
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9





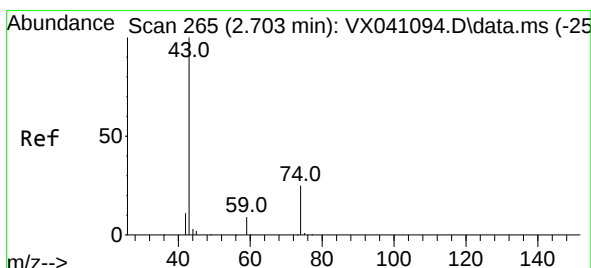
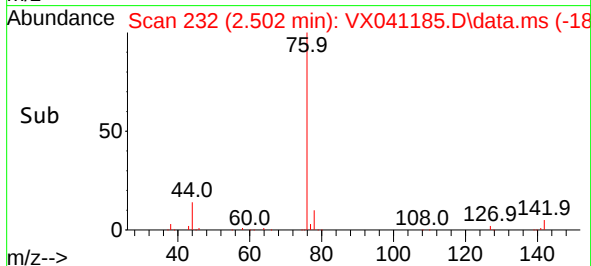
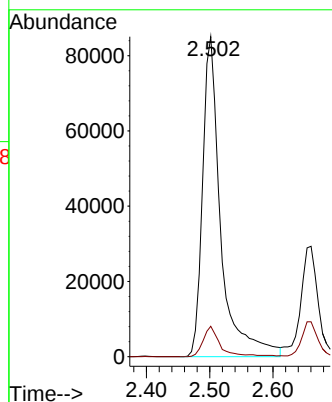
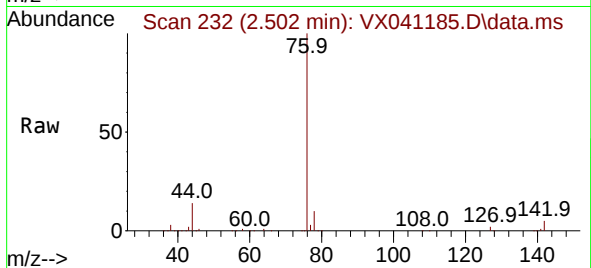
#17
Carbon Disulfide
Concen: 44.973 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 170744
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

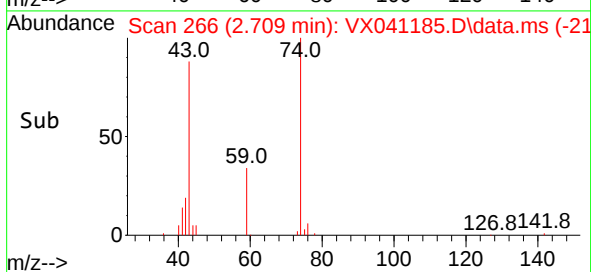
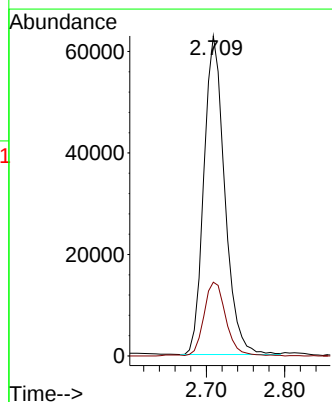
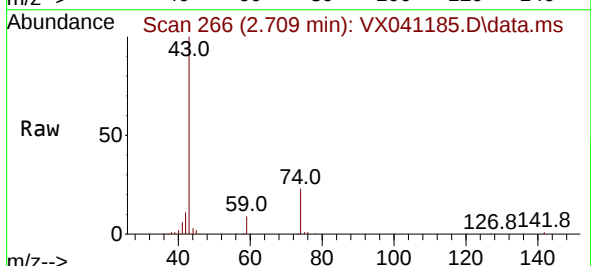
Manual Integrations
APPROVED

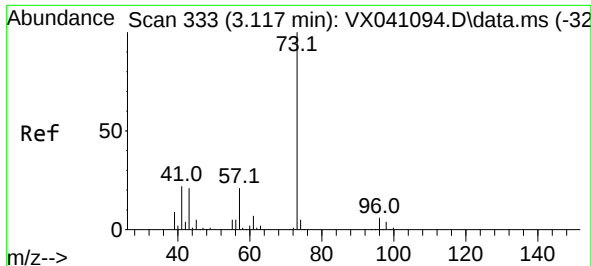
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#18
Methyl Acetate
Concen: 45.369 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 43 Resp: 115969
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8





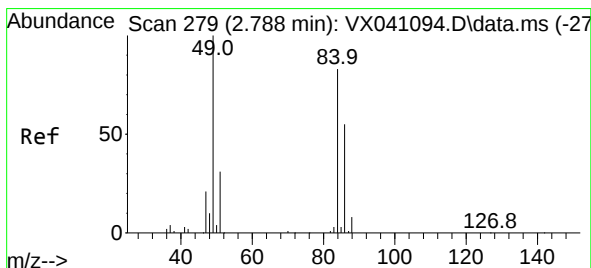
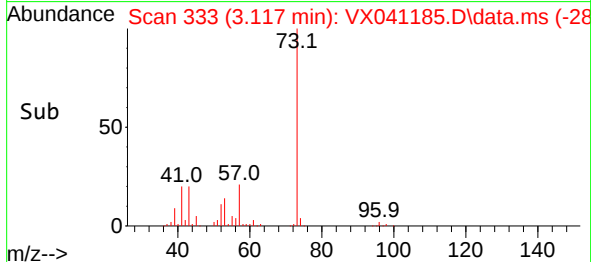
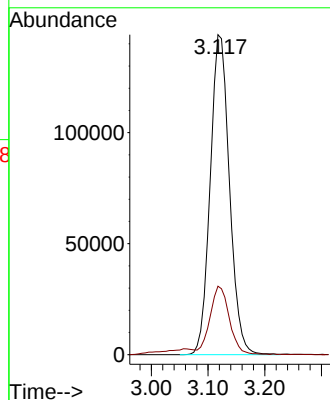
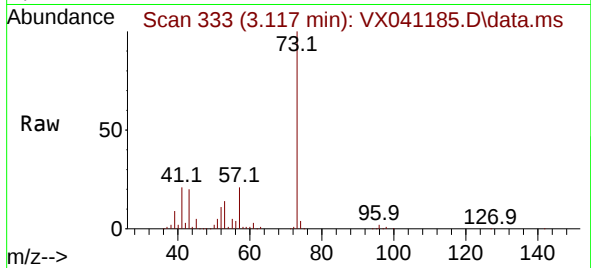
#19
Methyl tert-butyl Ether
Concen: 52.316 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 33990
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

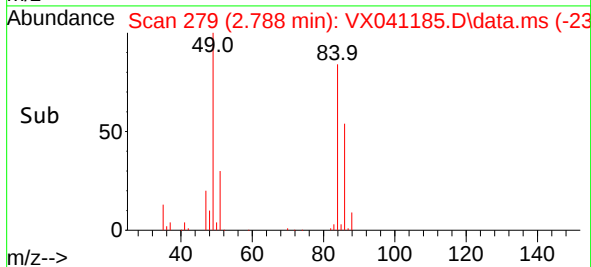
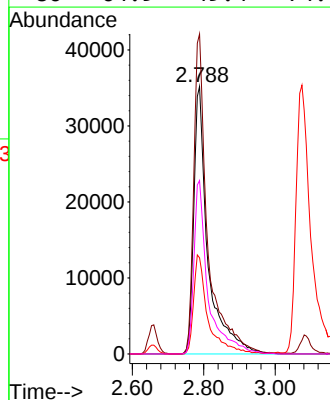
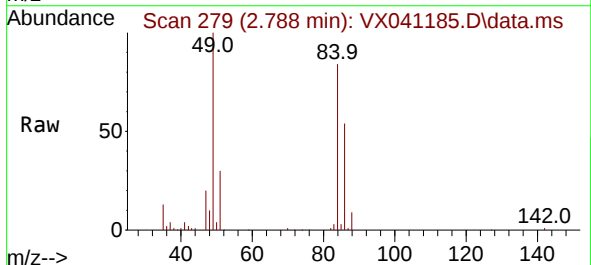
Manual Integrations
APPROVED

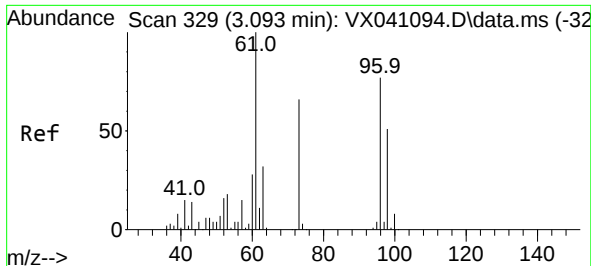
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 46.012 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

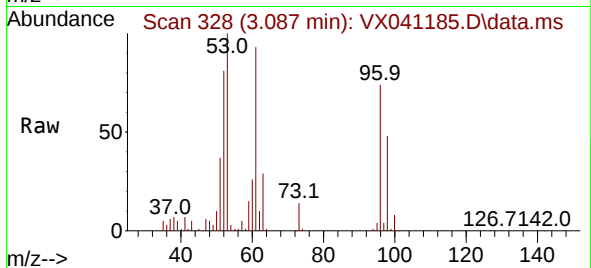
Tgt Ion: 84 Resp: 97104
Ion Ratio Lower Upper
84 100
49 119.6 103.6 155.4
51 35.9 33.8 50.6
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.135 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

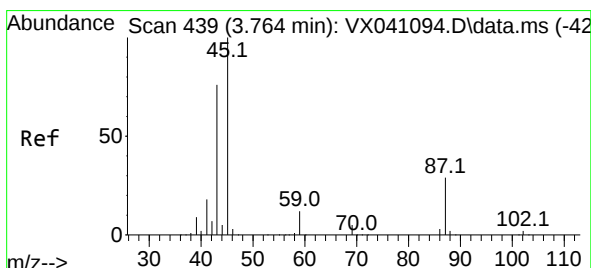
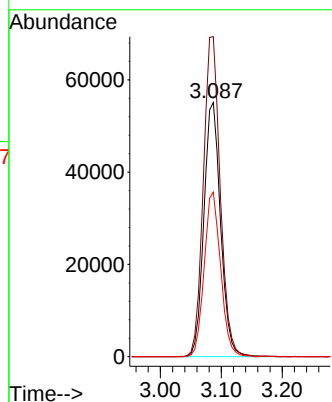
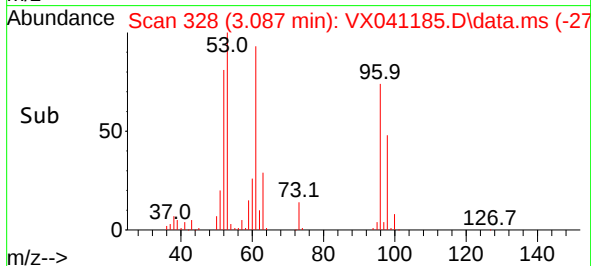
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 104710
Ion Ratio Lower Upper
96 100
61 125.9 119.2 178.8
98 64.8 48.7 73.1

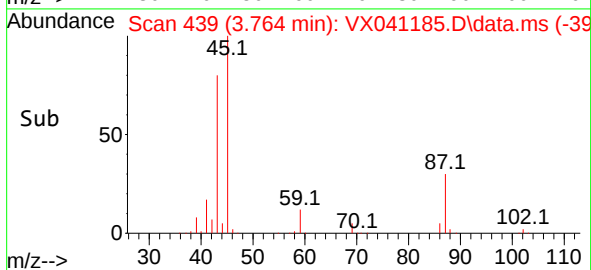
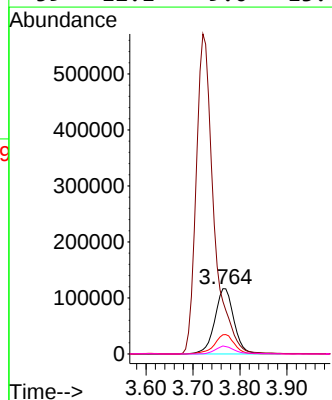
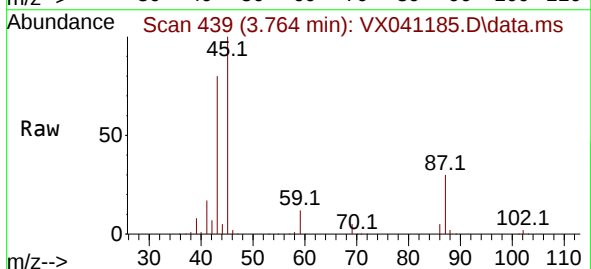
Manual Integrations
APPROVED

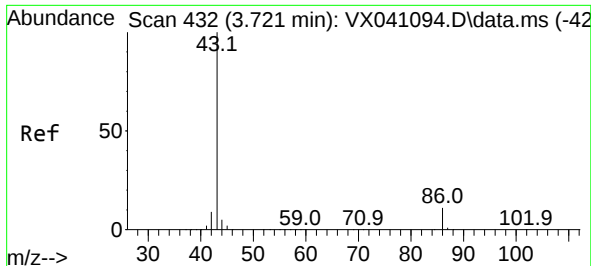
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#22
Diisopropyl ether
Concen: 51.779 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

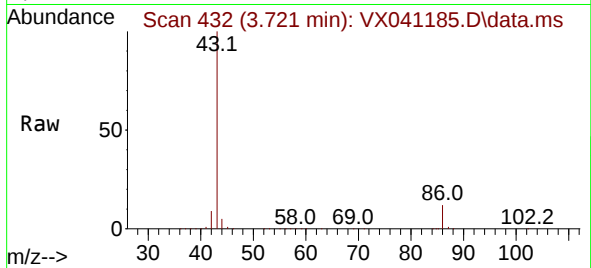
Tgt Ion: 45 Resp: 330530
Ion Ratio Lower Upper
45 100
43 80.2 69.7 104.5
87 29.5 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 272.769 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041185.D
 Acq: 22 Apr 2024 12:06

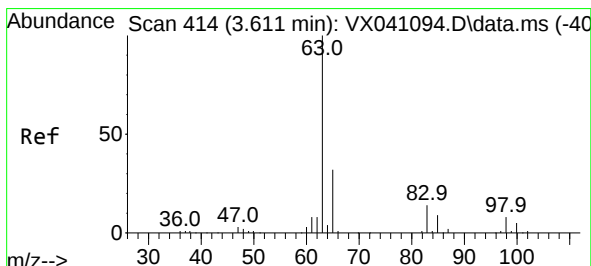
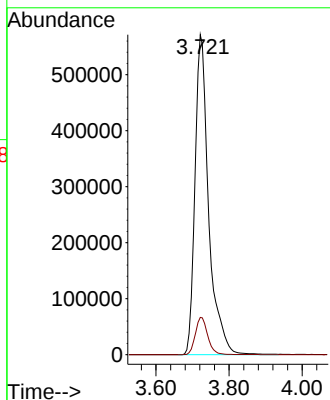
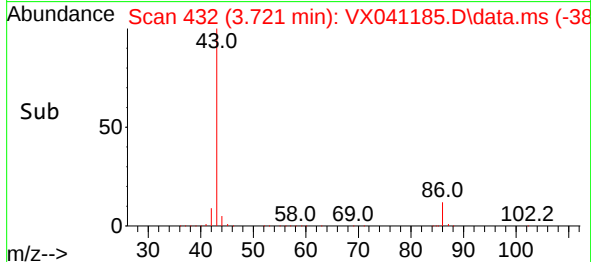
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



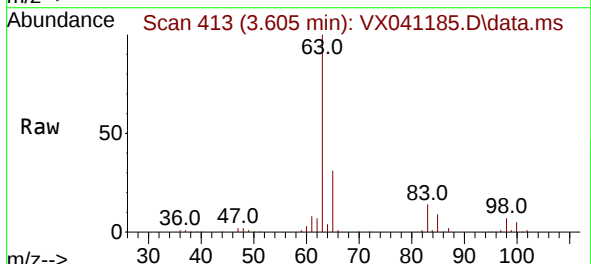
Tgt Ion: 43 Resp: 1489598
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

Manual Integrations
 APPROVED

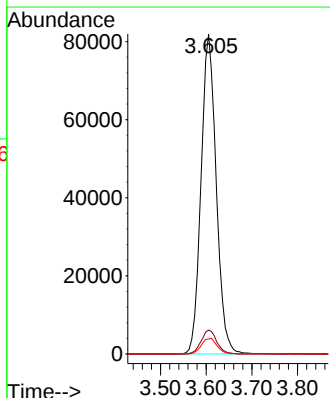
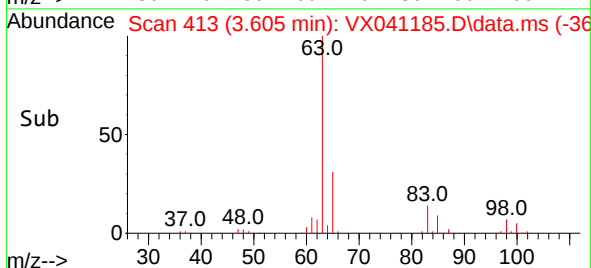
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

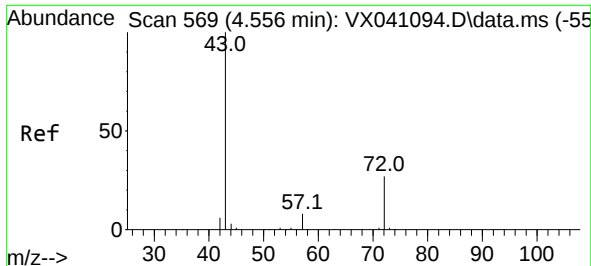


#24
 1,1-Dichloroethane
 Concen: 52.873 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041185.D
 Acq: 22 Apr 2024 12:06



Tgt Ion: 63 Resp: 188669
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.7 2.1 6.5





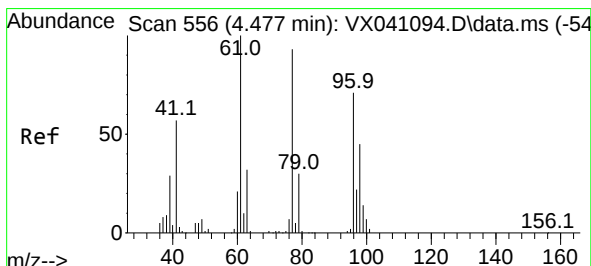
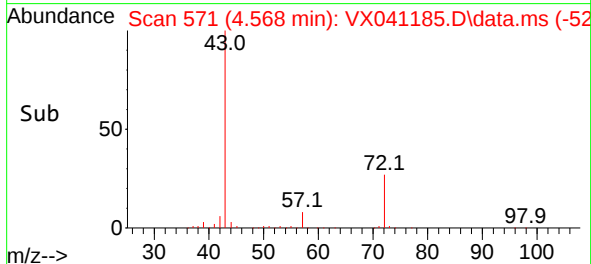
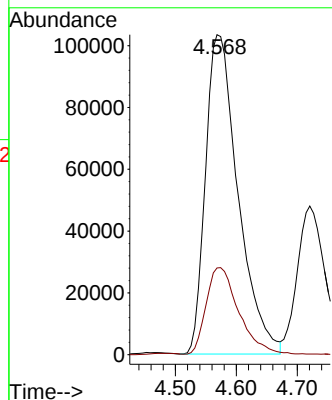
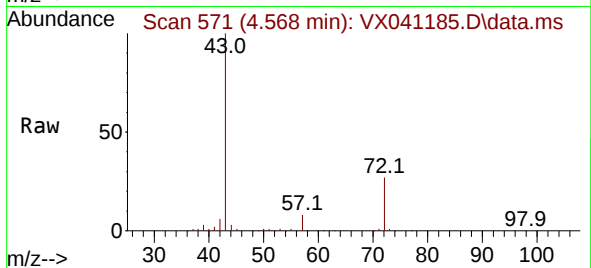
#25
2-Butanone
Concen: 259.740 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 38330
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

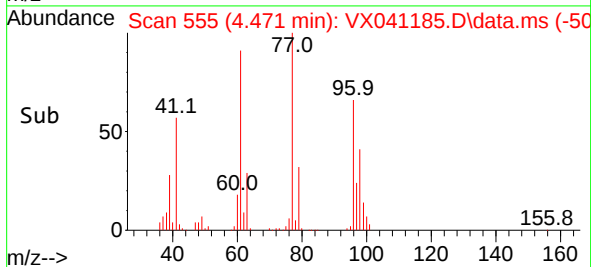
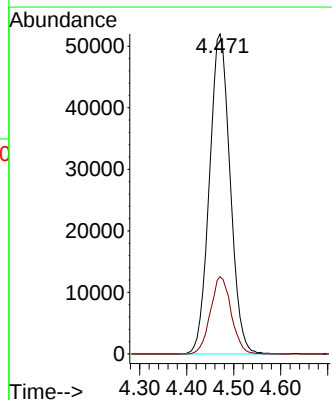
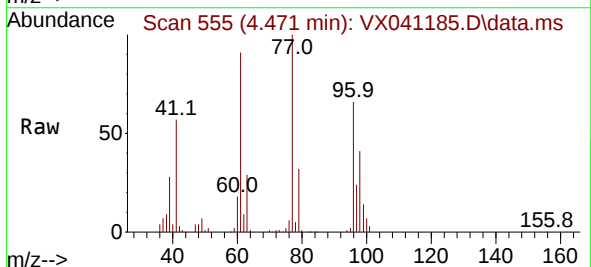
Manual Integrations
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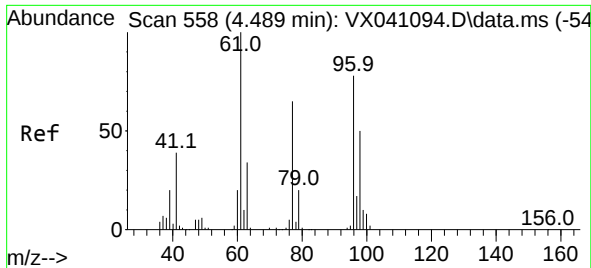
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#26
2,2-Dichloropropane
Concen: 52.746 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 77 Resp: 159072
Ion Ratio Lower Upper
77 100
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.401 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 127959

Ion Ratio Lower Upper

96 100

61 134.6 0.0 312.2

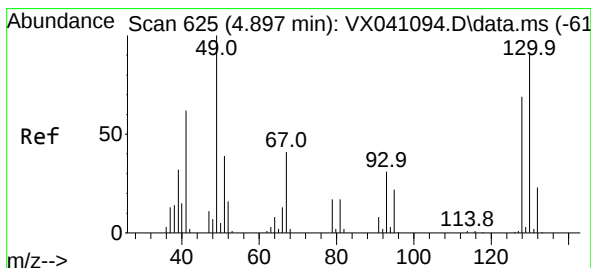
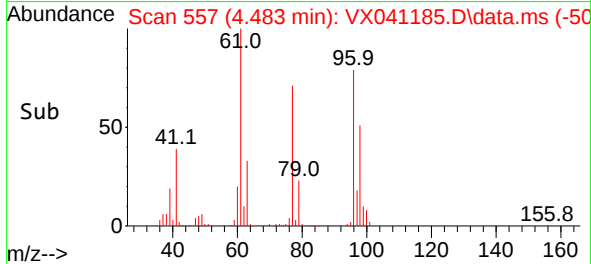
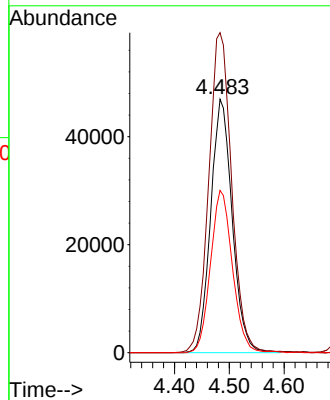
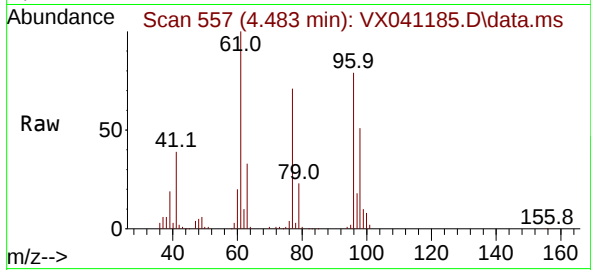
98 65.0 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 45.776 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

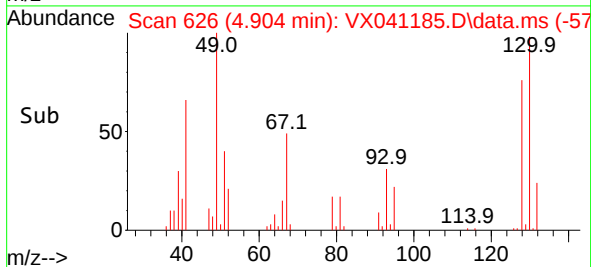
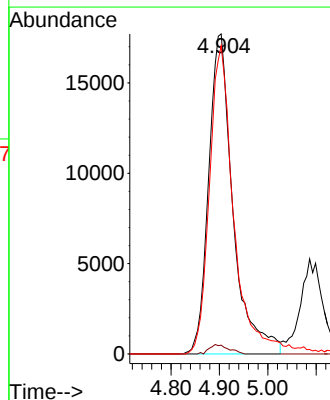
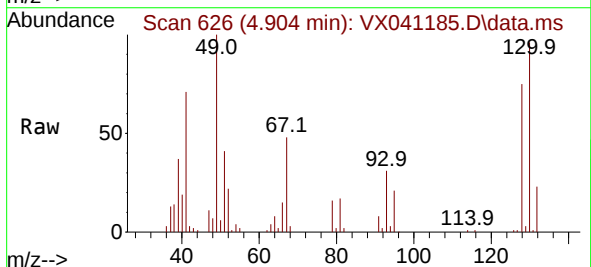
Tgt Ion: 49 Resp: 61987

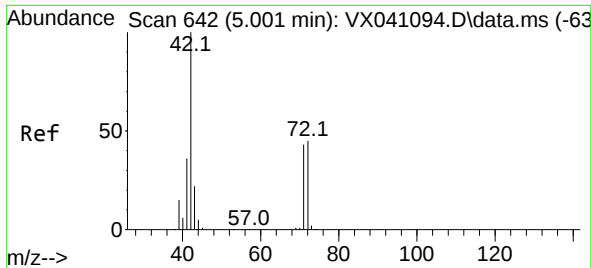
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 96.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 258.345 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 259720

Ion Ratio Lower Upper

42 100

72 46.6 34.2 51.4

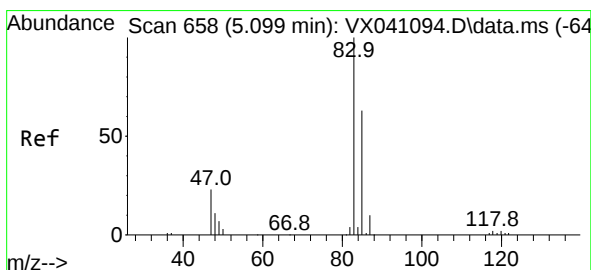
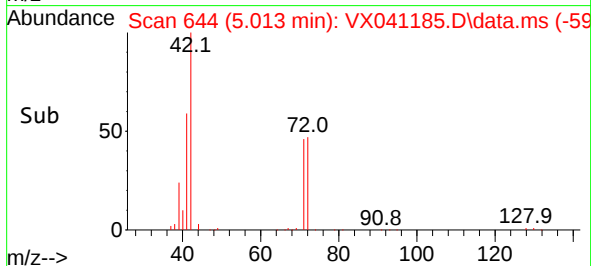
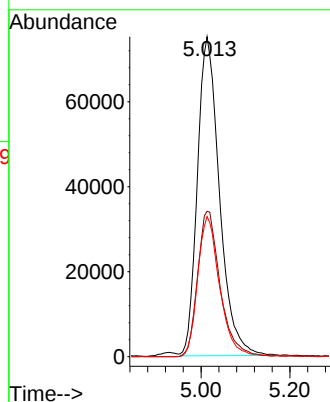
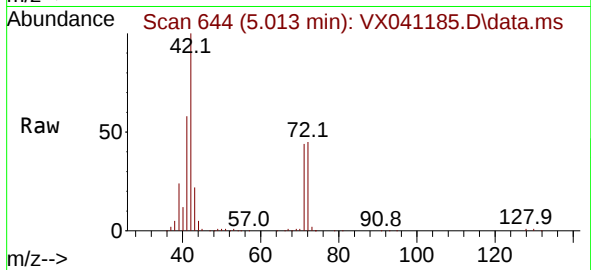
71 43.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#30

Chloroform

Concen: 51.719 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041185.D

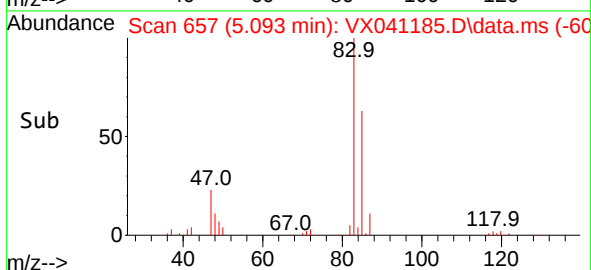
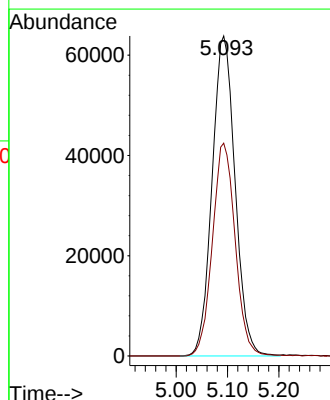
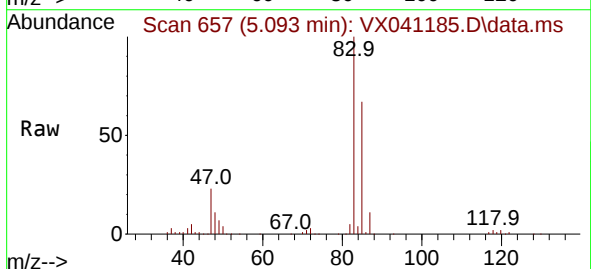
Acq: 22 Apr 2024 12:06

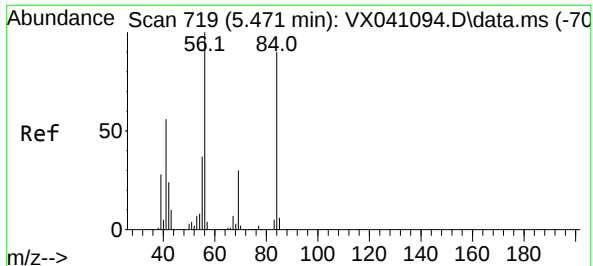
Tgt Ion: 83 Resp: 198086

Ion Ratio Lower Upper

83 100

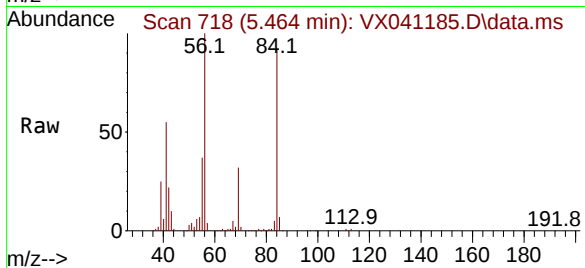
85 66.5 50.3 75.5





#31
Cyclohexane
Concen: 51.219 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

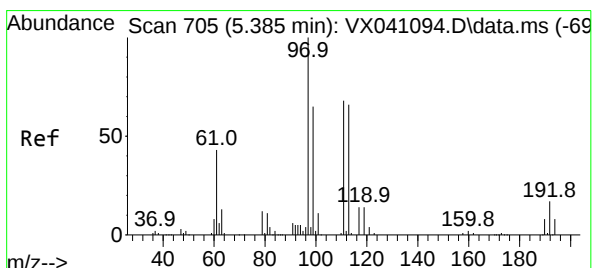
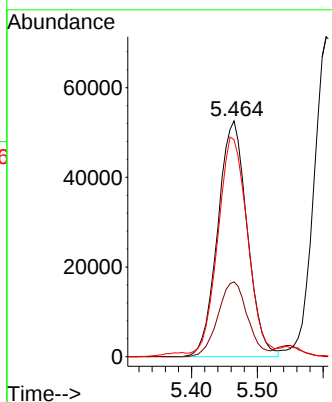
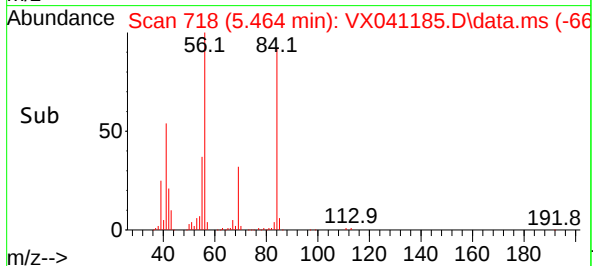
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 163640
Ion Ratio Lower Upper
56 100
69 31.7 23.4 35.2
84 90.4 65.9 98.9

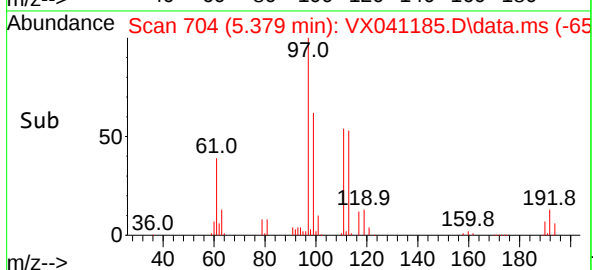
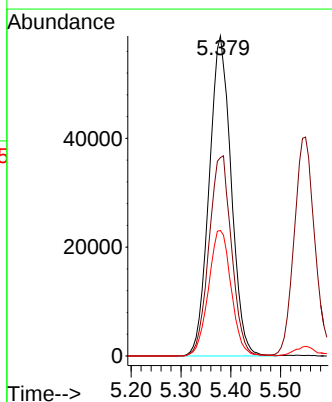
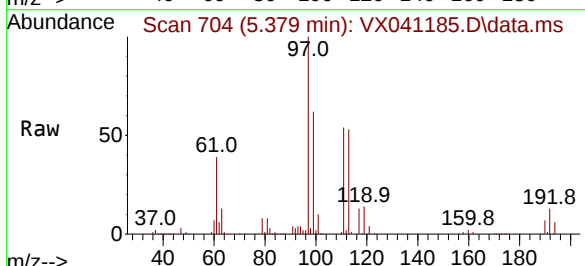
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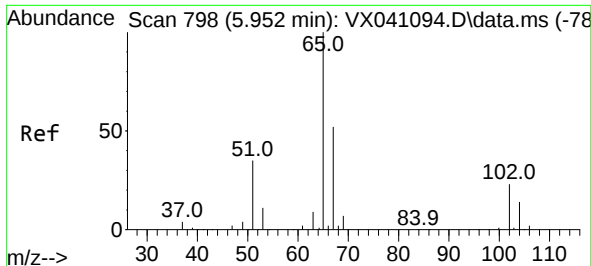
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#32
1,1,1-Trichloroethane
Concen: 52.480 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 97 Resp: 180187
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 40.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.572 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 110559

Ion Ratio Lower Upper

65 100

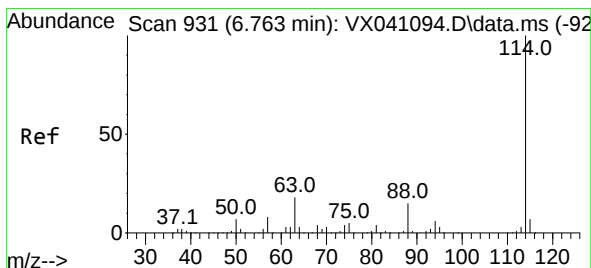
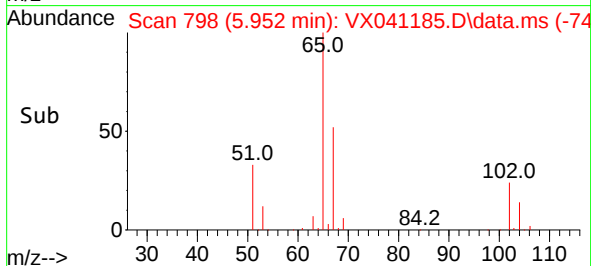
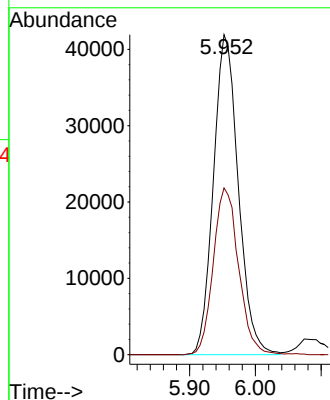
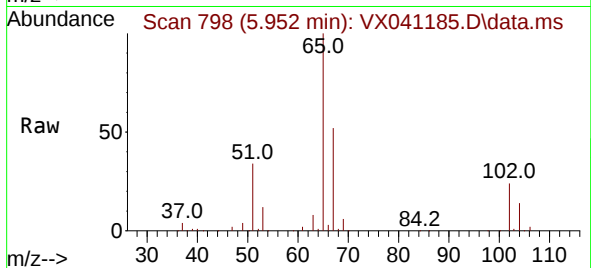
67 52.9 0.0 100.2

Manual Integrations

APPROVED

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: VX041185.D

Acq: 22 Apr 2024 12:06

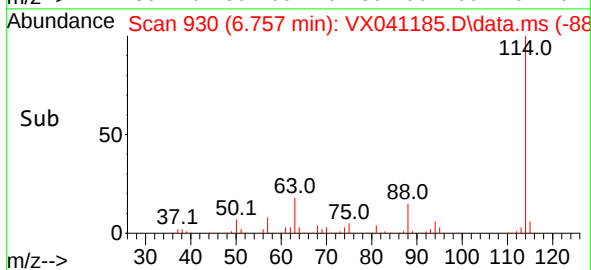
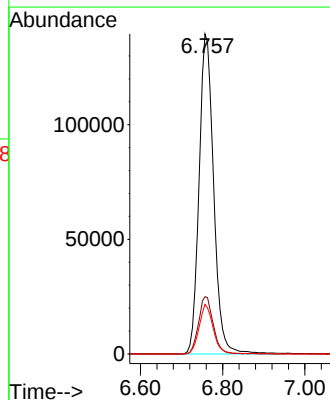
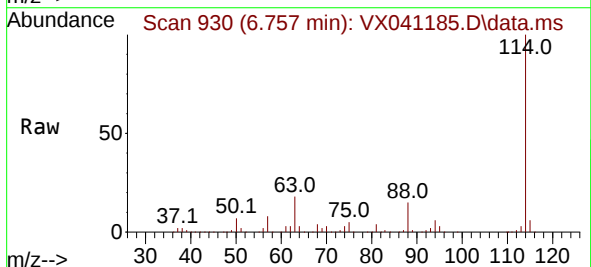
Tgt Ion:114 Resp: 343572

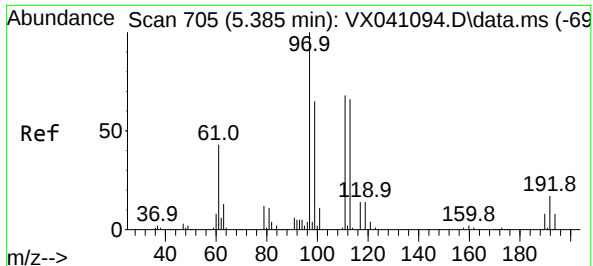
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.006 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

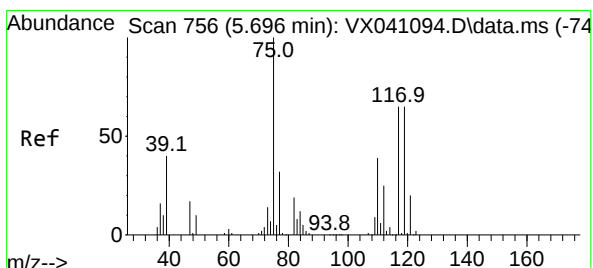
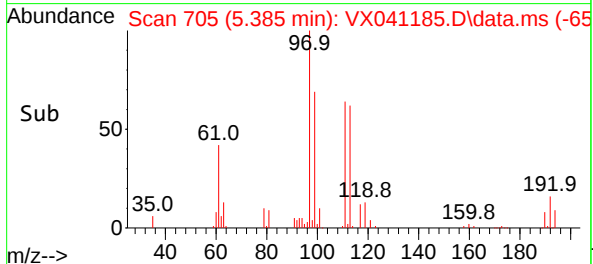
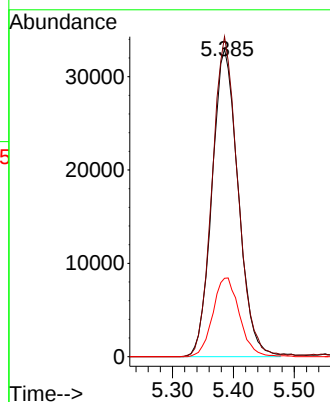
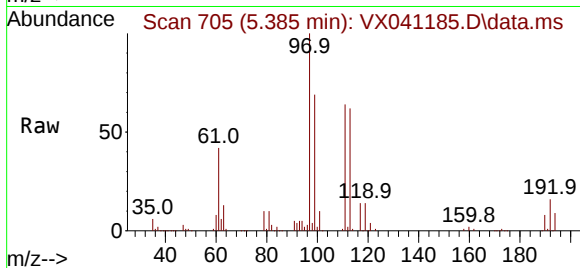
Tgt Ion:	113	Resp:	98239
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	26.1	13.3	19.9

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: 50.176 ug/l

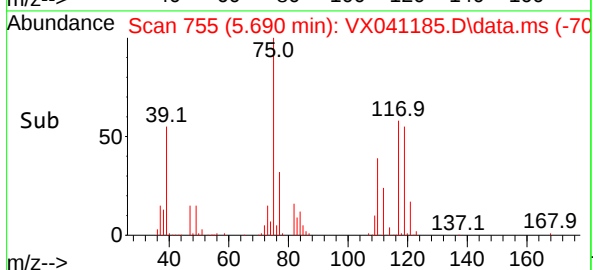
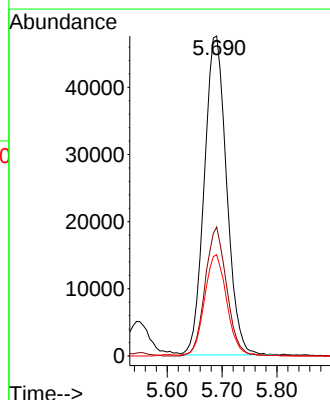
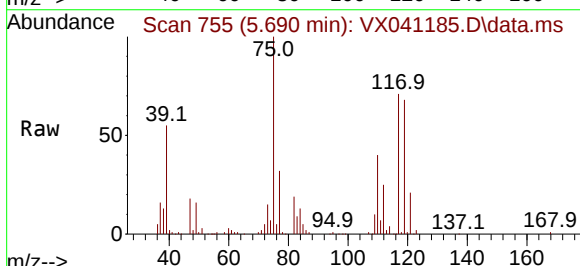
RT: 5.690 min Scan# 755

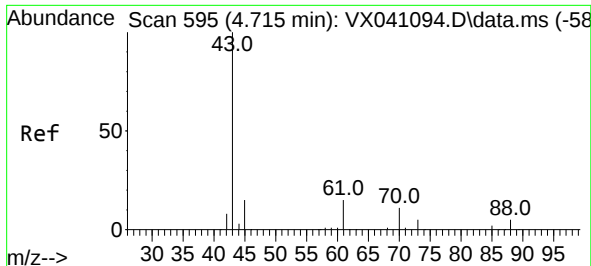
Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Tgt Ion:	75	Resp:	134174
Ion	Ratio	Lower	Upper
75	100		
110	39.0	17.0	50.9
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 53.633 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

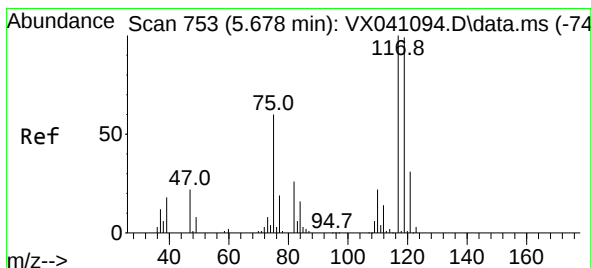
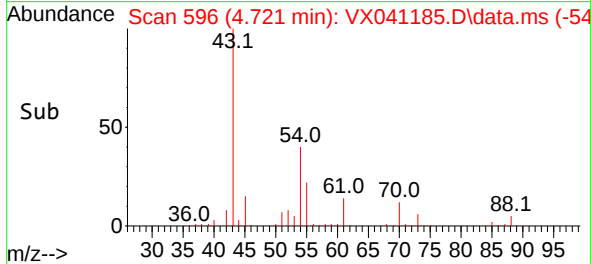
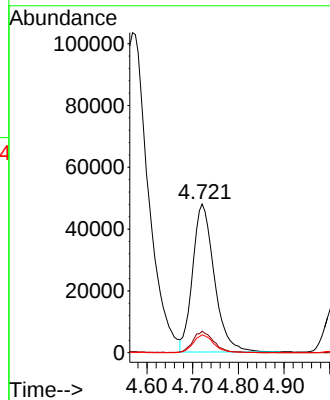
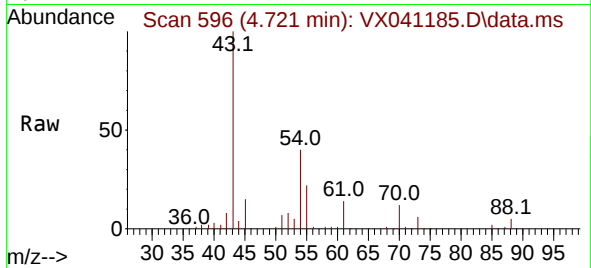
Tgt Ion: 43 Resp: 157352
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.6 16.0
 70 11.5 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#38

Carbon Tetrachloride

Concen: 52.107 ug/l

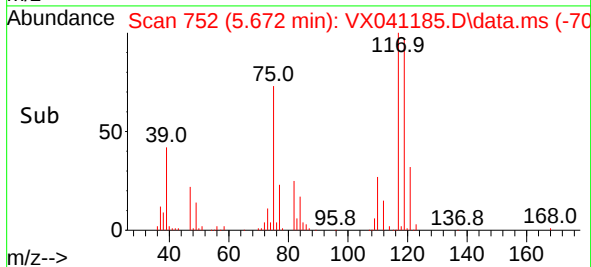
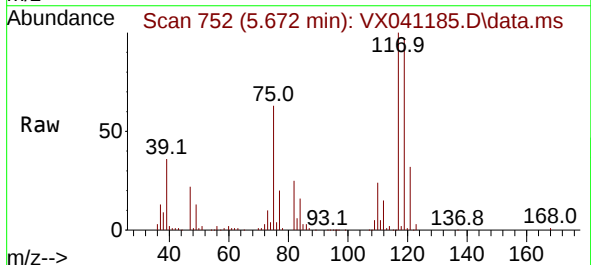
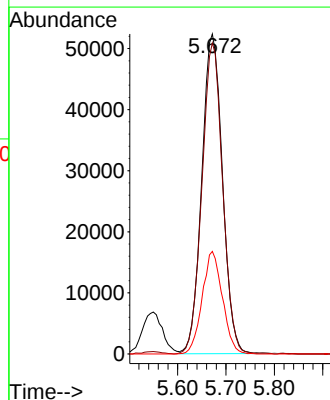
RT: 5.672 min Scan# 752

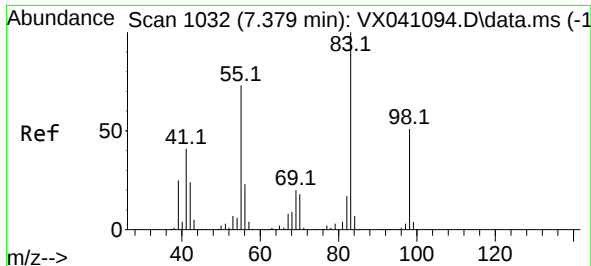
Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Tgt Ion:117 Resp: 155629
 Ion Ratio Lower Upper
 117 100
 119 97.1 78.2 117.2
 121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 51.965 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 18431

Ion Ratio Lower Upper

83 100

55 74.0 64.6 97.0

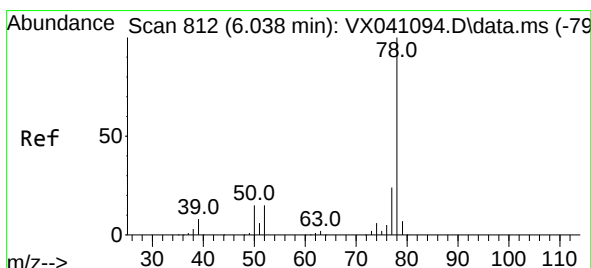
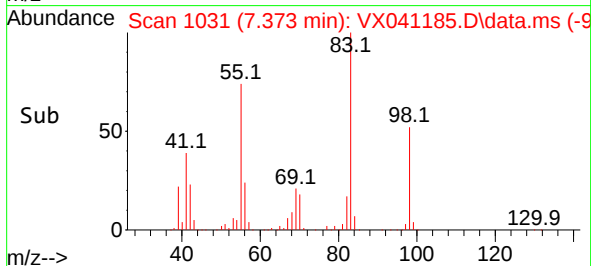
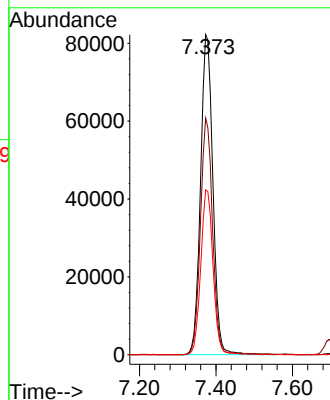
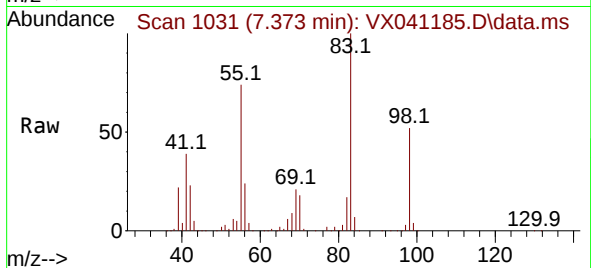
98 51.5 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#40

Benzene

Concen: 51.409 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX041185.D

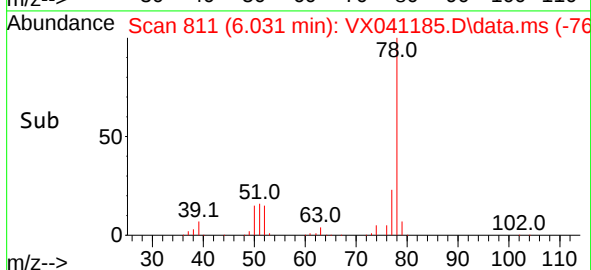
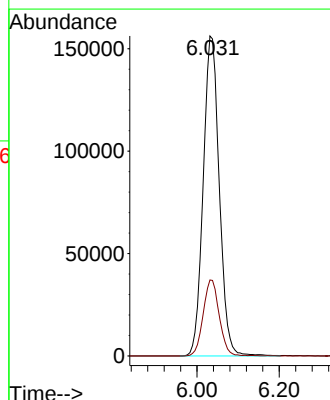
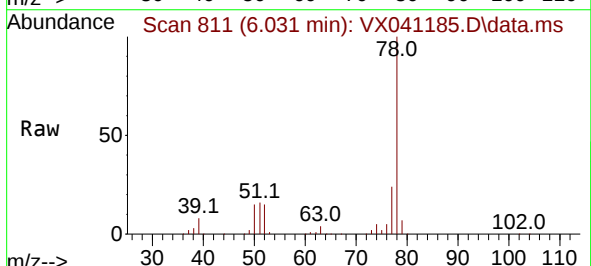
Acq: 22 Apr 2024 12:06

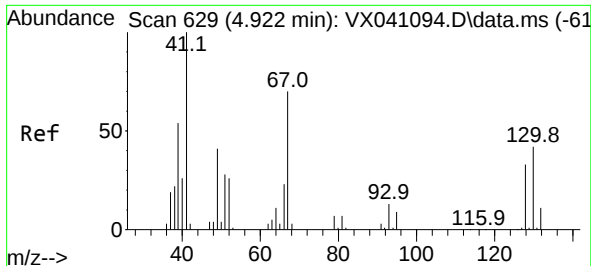
Tgt Ion: 78 Resp: 424563

Ion Ratio Lower Upper

78 100

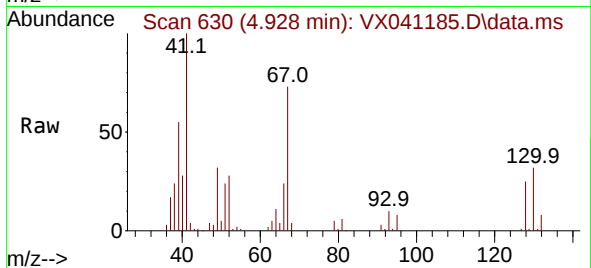
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 54.523 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

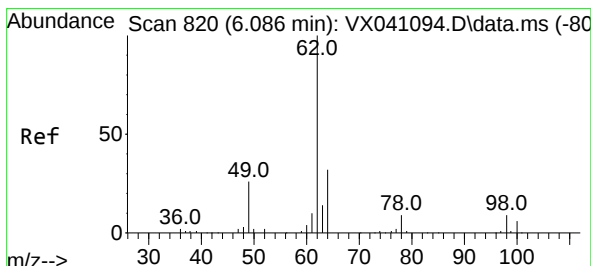
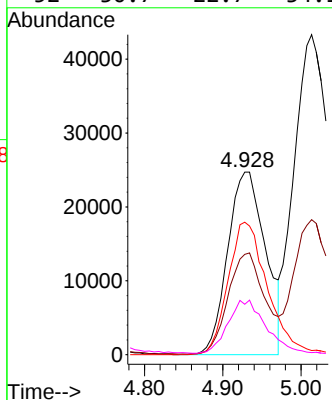
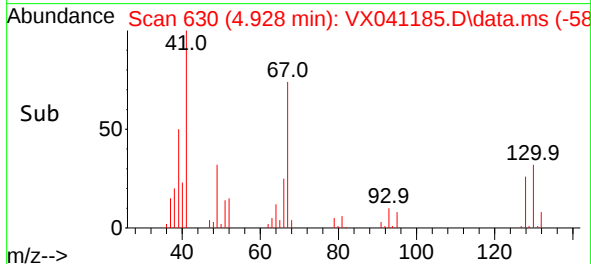
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 8327
Ion Ratio Lower Upper
41 100
39 53.6 45.2 67.8
67 75.9 52.6 78.8
52 30.7 22.7 34.1

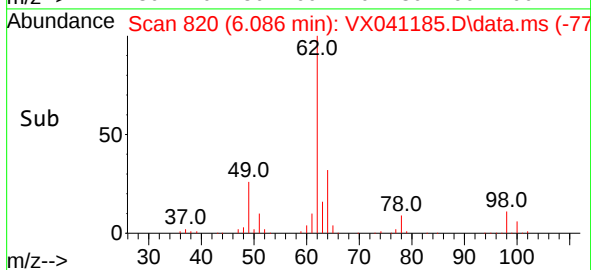
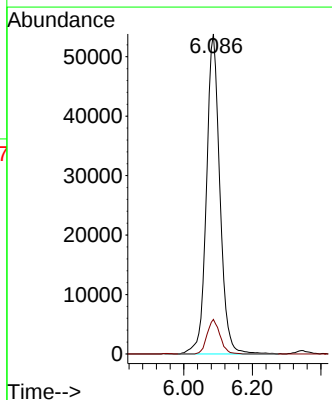
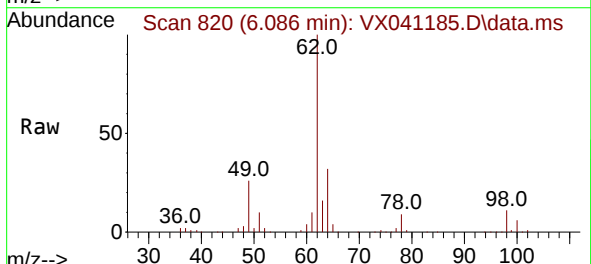
Manual Integrations
APPROVED

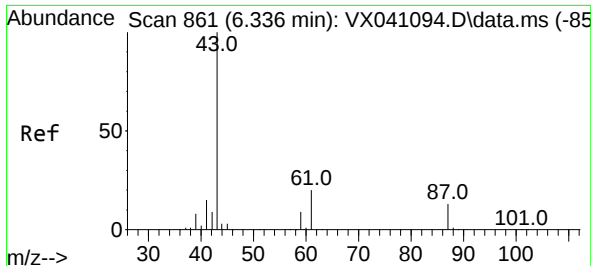
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 51.277 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 62 Resp: 146832
Ion Ratio Lower Upper
62 100
98 10.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.894 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041185.D

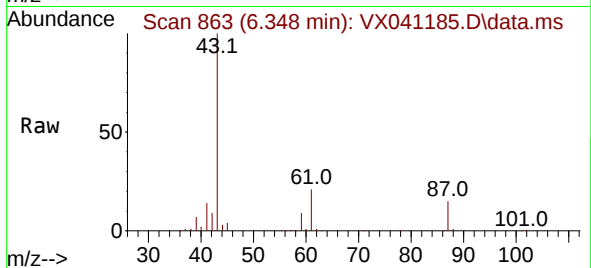
Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



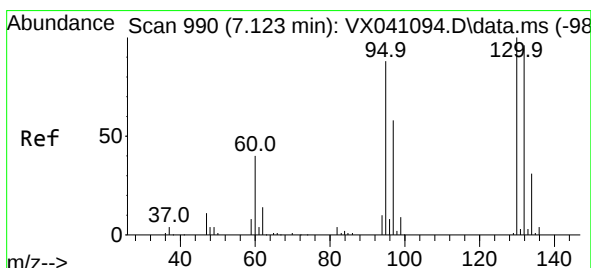
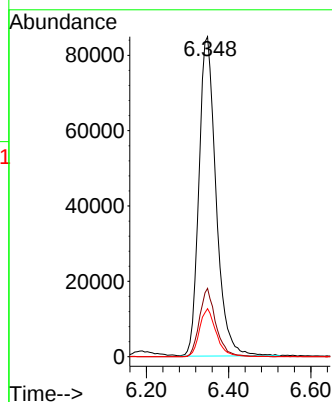
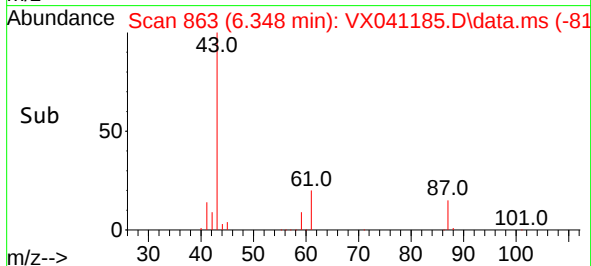
Tgt Ion:	43	Resp:	245254
Ion Ratio	Lower	Upper	
43	100		
61	20.4	15.2	22.8
87	14.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#44

Trichloroethene

Concen: 51.398 ug/l

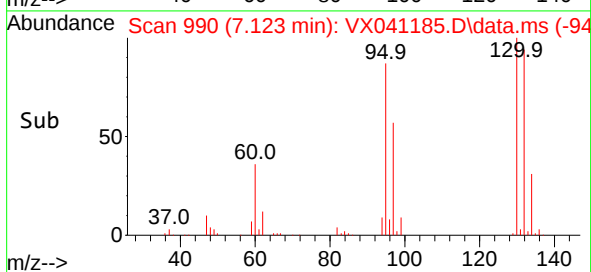
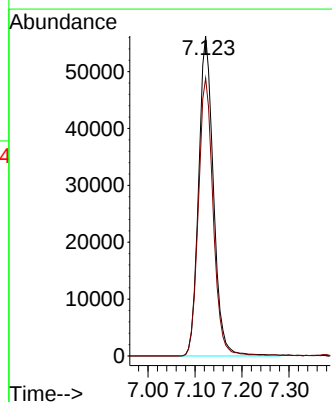
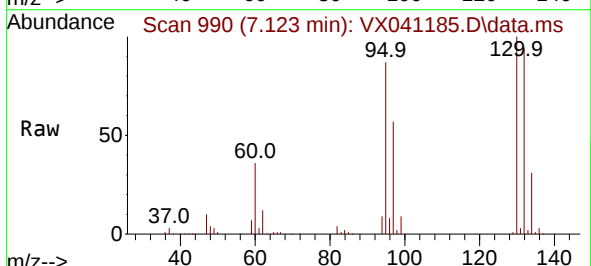
RT: 7.123 min Scan# 990

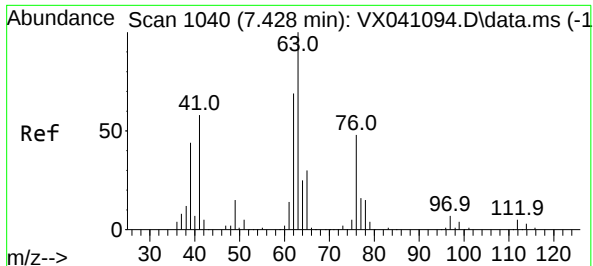
Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Tgt Ion:	130	Resp:	123410
Ion Ratio	Lower	Upper	
130	100		
95	86.8	0.0	204.4





#45

1,2-Dichloropropane

Concen: 51.278 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 10153

Ion Ratio Lower Upper

63 100

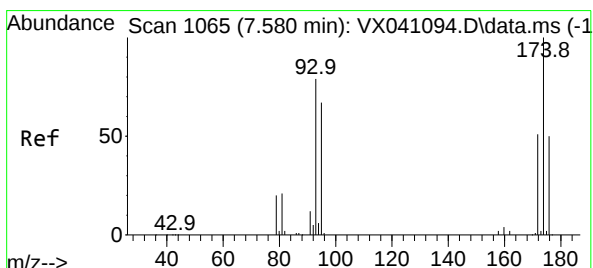
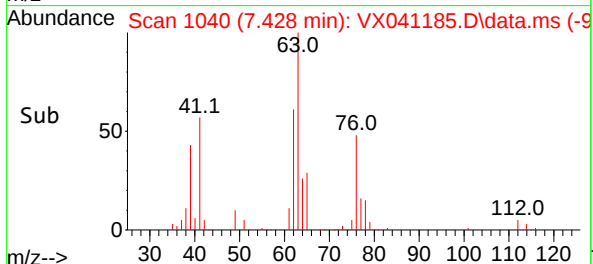
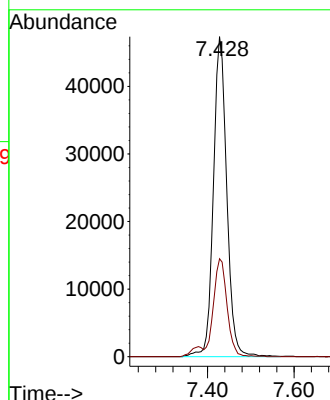
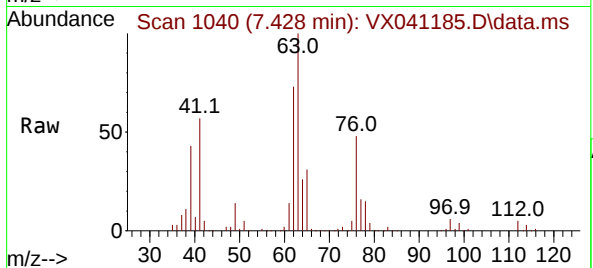
65 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 51.881 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

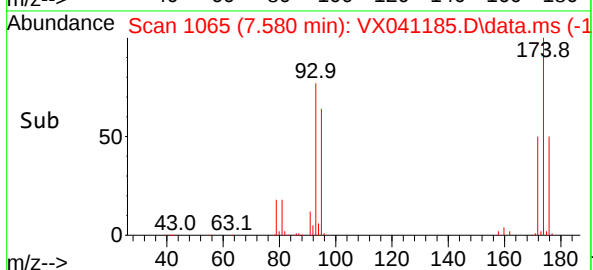
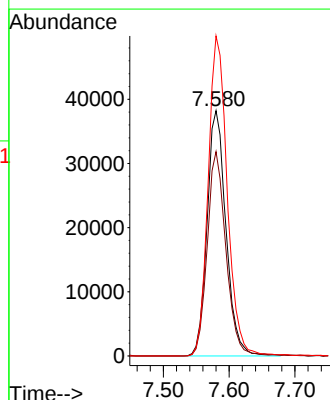
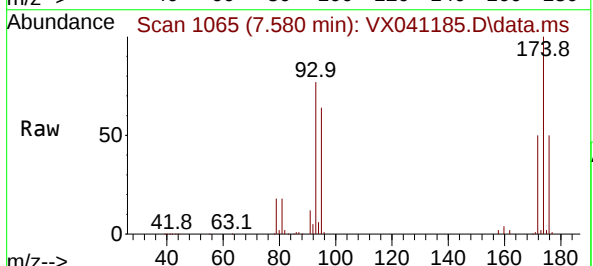
Tgt Ion: 93 Resp: 76603

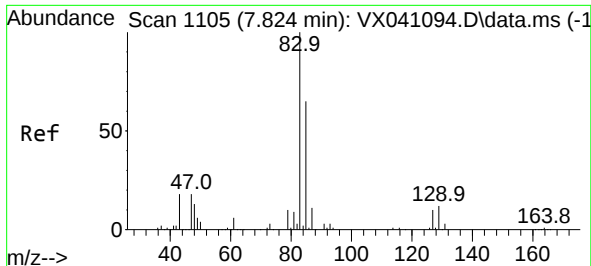
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

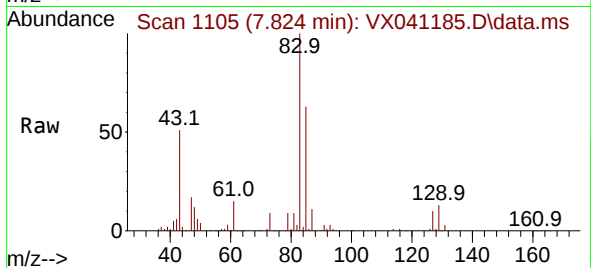
174 131.7 69.4 104.0#





#47
Bromodichloromethane
Concen: 54.010 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

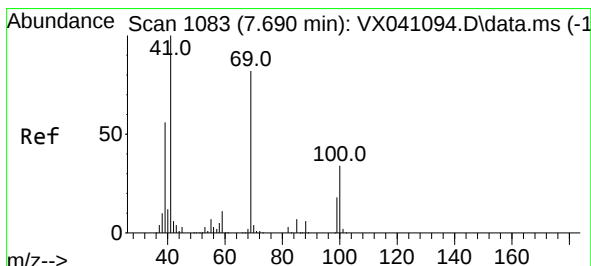
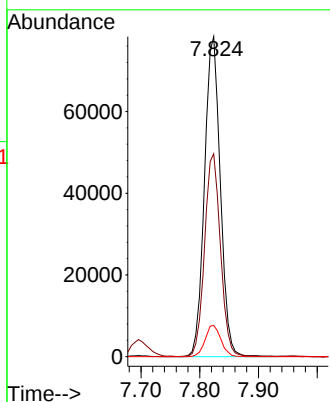
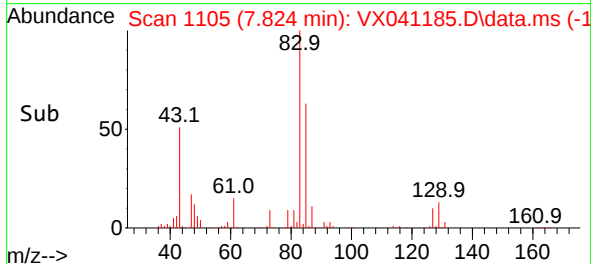
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



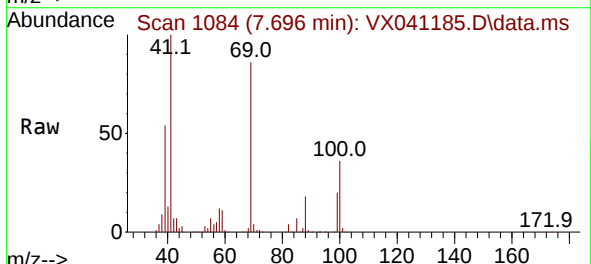
Tgt Ion: 83 Resp: 146995
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations
APPROVED

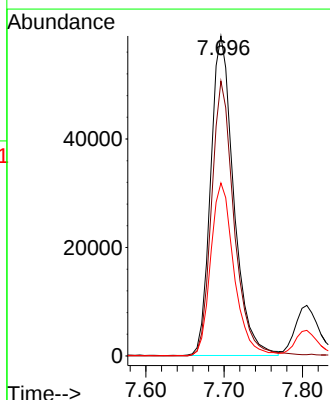
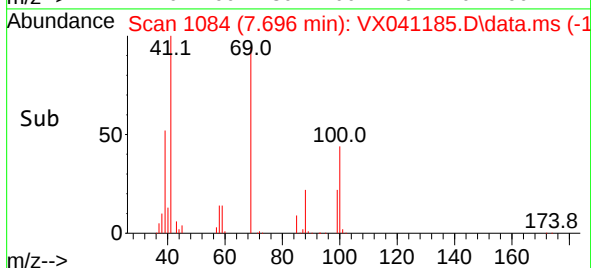
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

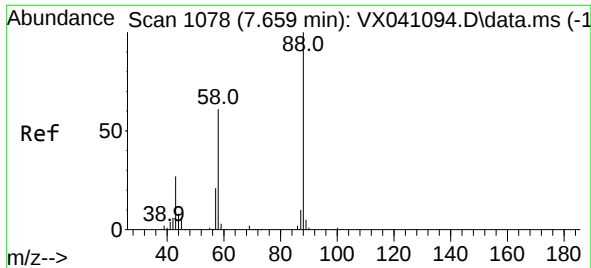


#48
Methyl methacrylate
Concen: 54.017 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



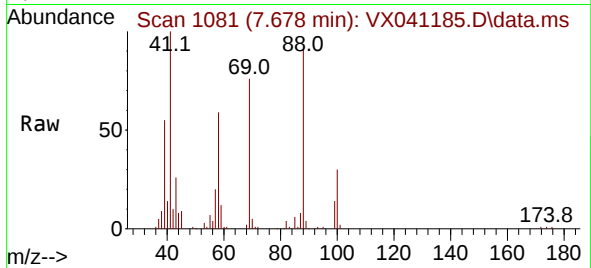
Tgt Ion: 41 Resp: 120750
Ion Ratio Lower Upper
41 100
69 84.2 59.2 88.8
39 54.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1129.611 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

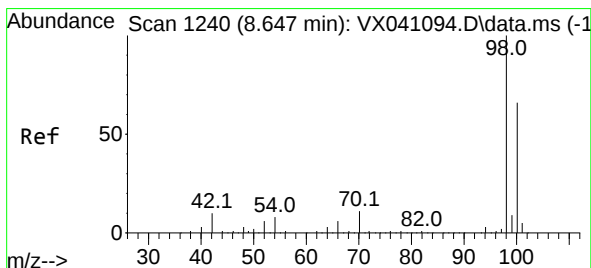
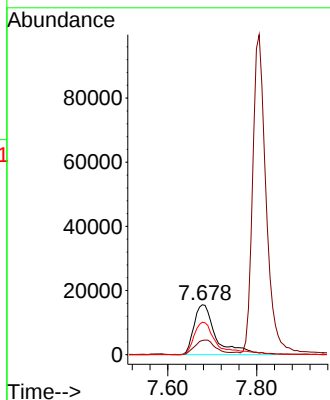
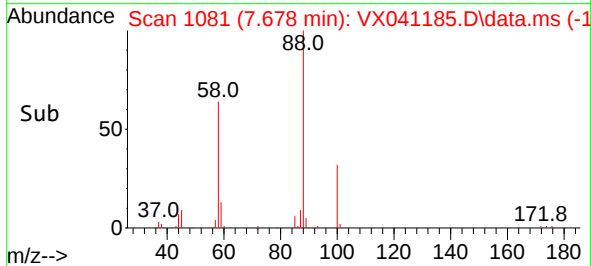
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



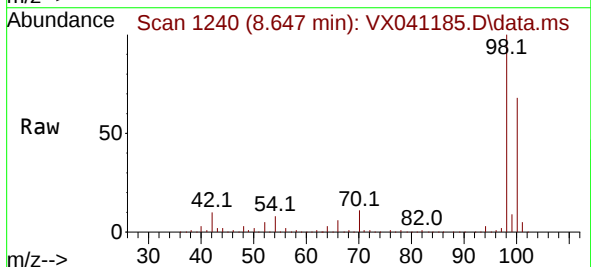
Tgt Ion: 88 Resp: 54350
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0
58 67.1 60.1 90.1

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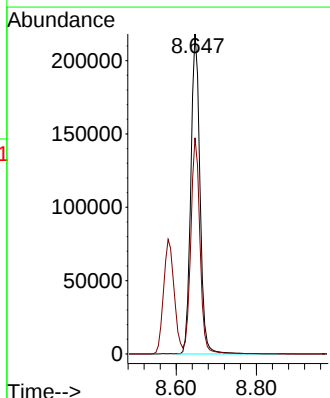
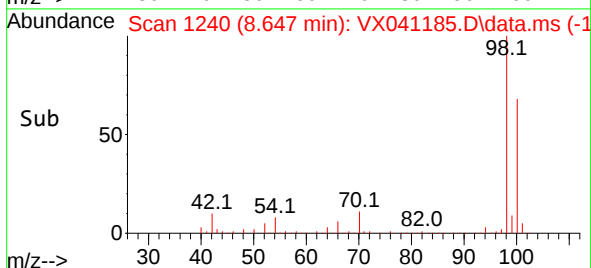
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

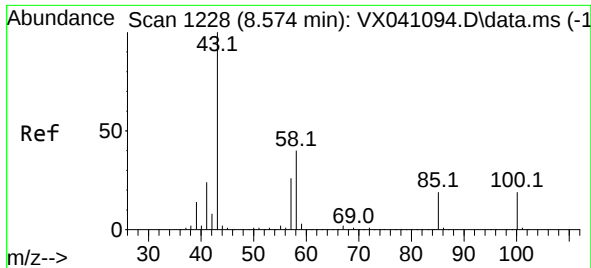


#50
Toluene-d8
Concen: 48.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



Tgt Ion: 98 Resp: 344615
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7





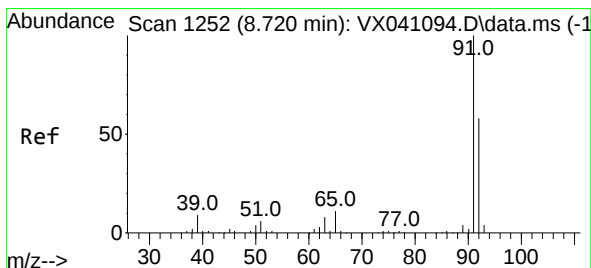
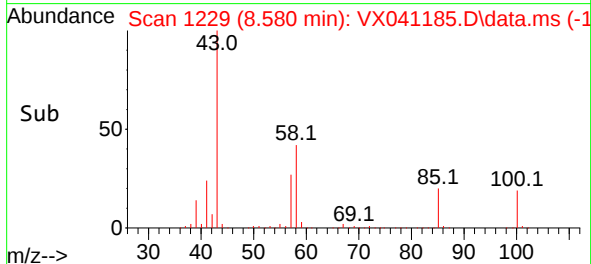
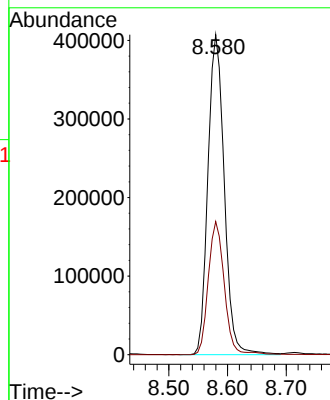
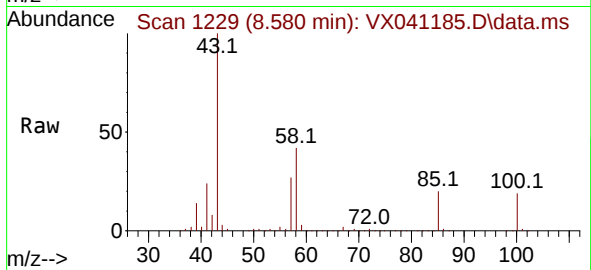
#51
4-Methyl-2-Pentanone
Concen: 265.384 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 78506
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

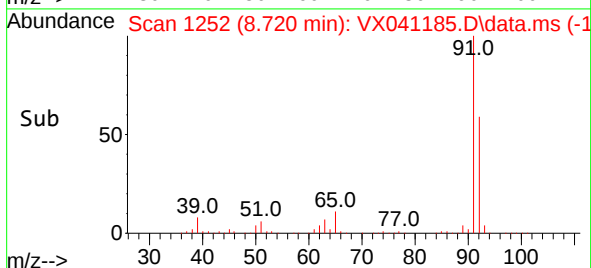
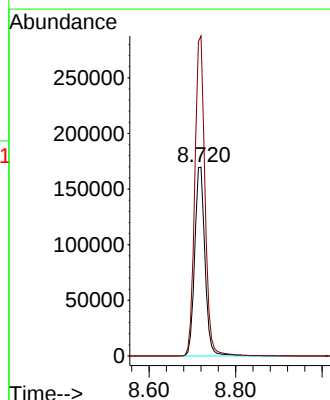
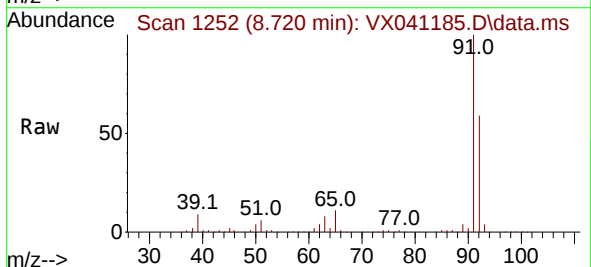
Manual Integrations
APPROVED

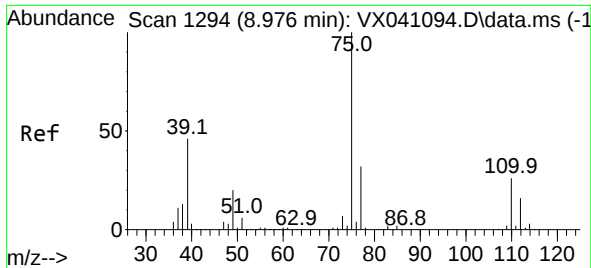
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#52
Toluene
Concen: 53.611 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

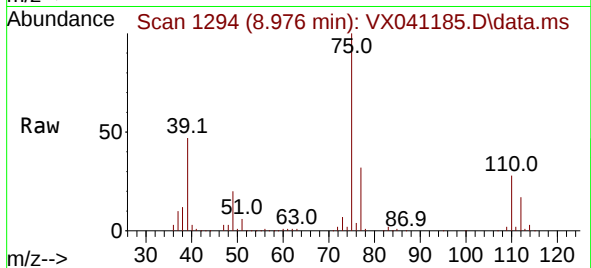
Tgt Ion: 92 Resp: 278981
Ion Ratio Lower Upper
92 100
91 168.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 55.742 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

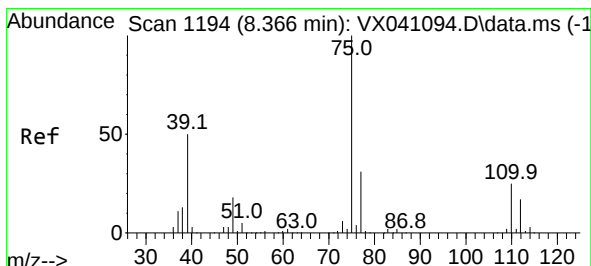
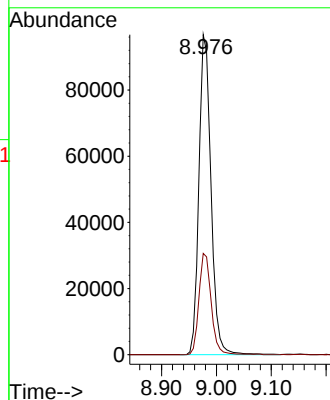
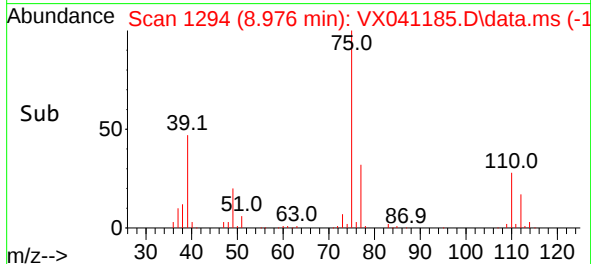
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



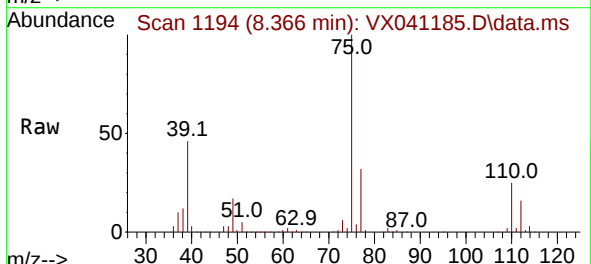
Tgt Ion: 75 Resp: 148810
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

Manual Integrations
APPROVED

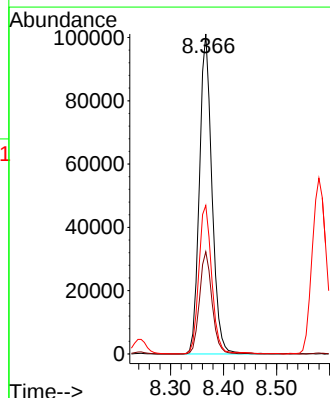
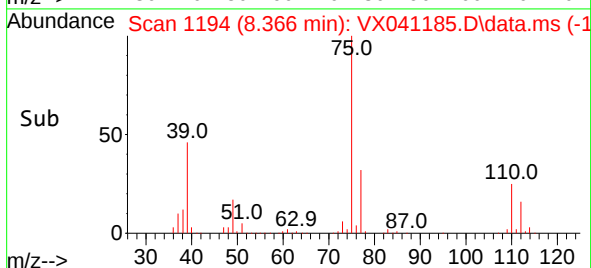
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

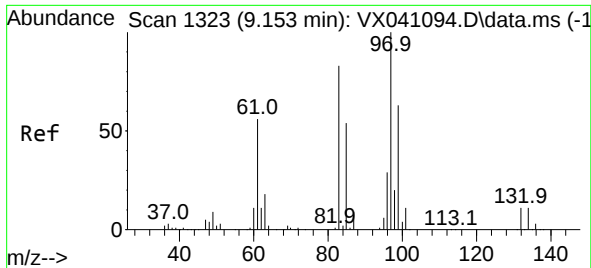


#54
cis-1,3-Dichloropropene
Concen: 54.723 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



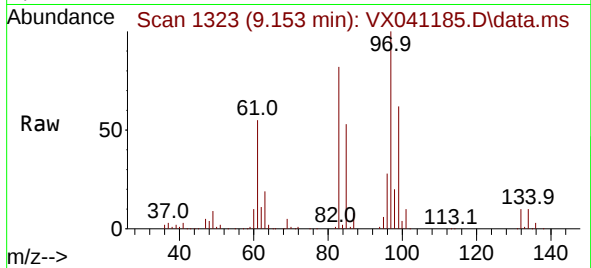
Tgt Ion: 75 Resp: 166076
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 46.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 53.857 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

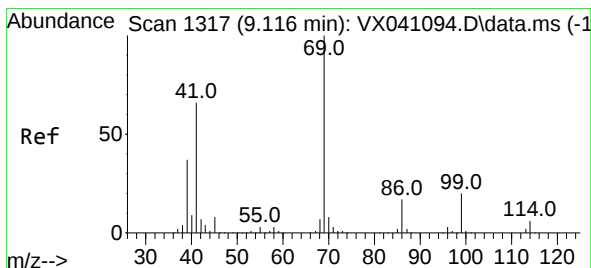
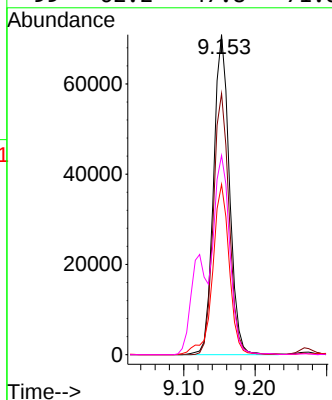
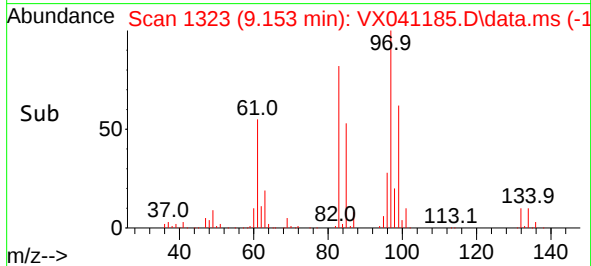
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



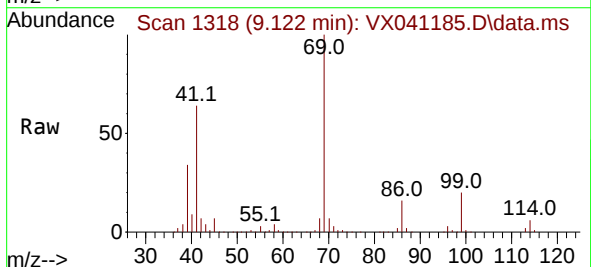
Tgt Ion: 97 Resp: 109358
Ion Ratio Lower Upper
97 100
83 81.6 65.8 98.8
85 53.1 41.6 62.4
99 62.2 47.8 71.8

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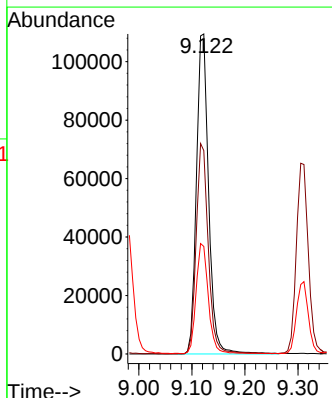
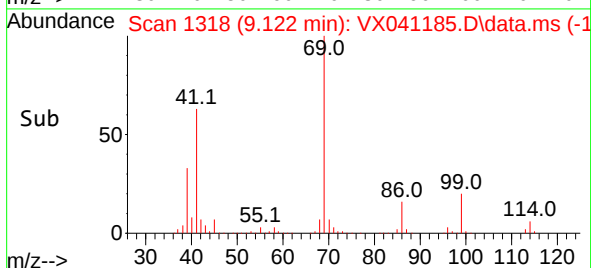
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

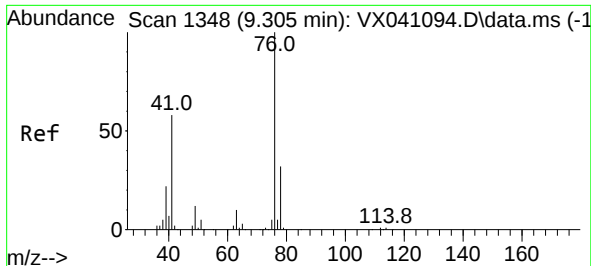


#56
Ethyl methacrylate
Concen: 56.160 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



Tgt Ion: 69 Resp: 174333
Ion Ratio Lower Upper
69 100
41 64.8 56.8 85.2
39 34.4 32.0 48.0





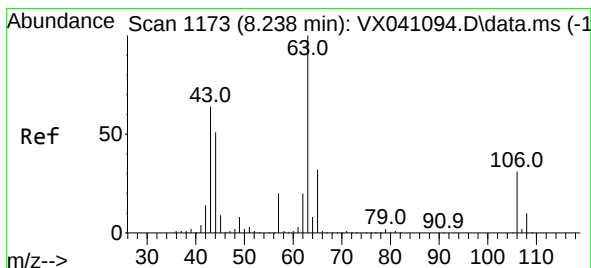
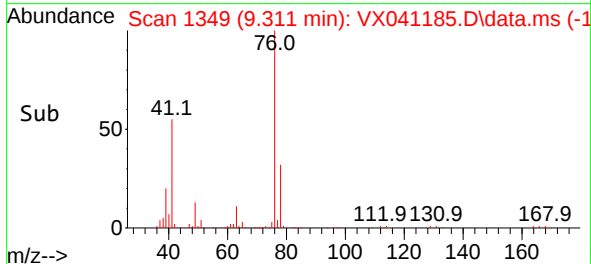
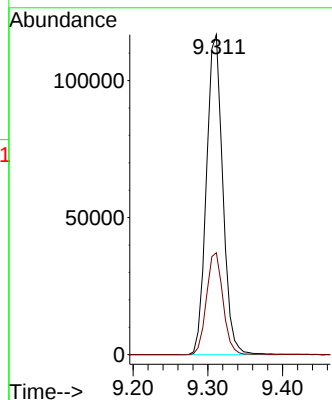
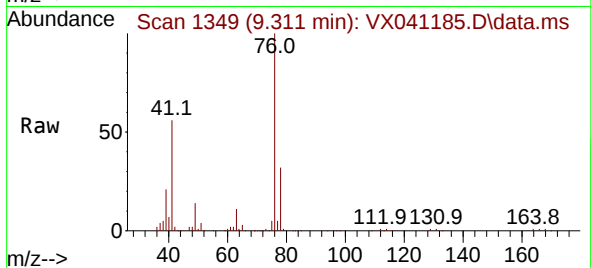
#57
1,3-Dichloropropane
Concen: 52.675 ug/l
RT: 9.311 min Scan# 11705
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 17705
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

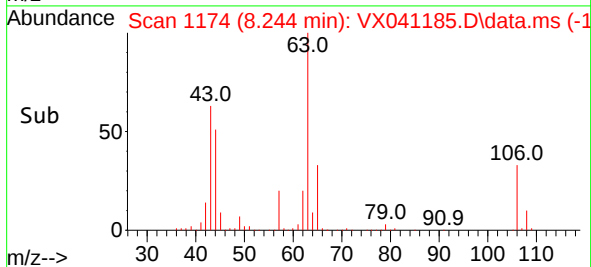
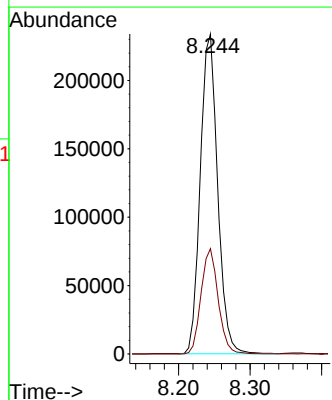
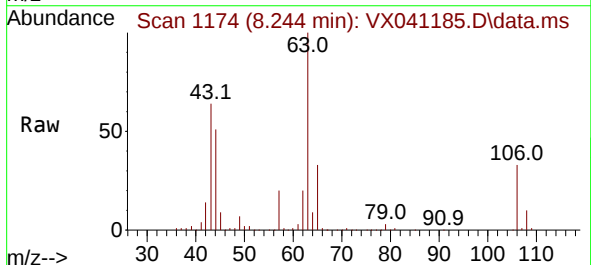
Manual Integrations
APPROVED

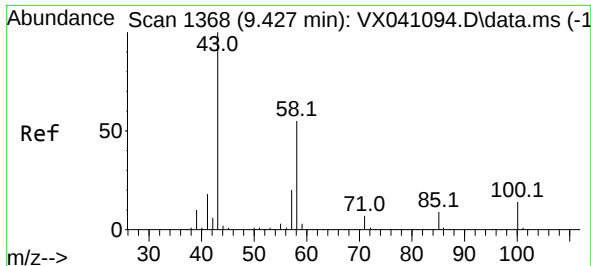
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 260.382 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 63 Resp: 393392
Ion Ratio Lower Upper
63 100
106 32.6 22.5 33.7





#59

2-Hexanone

Concen: 267.962 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 60786

Ion Ratio Lower Upper

43 100

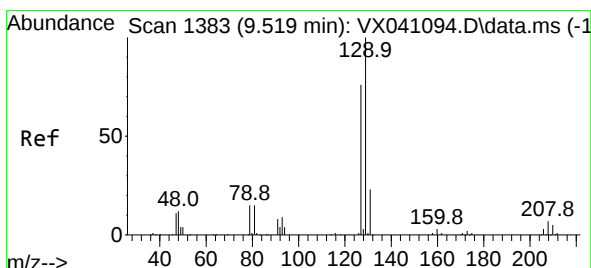
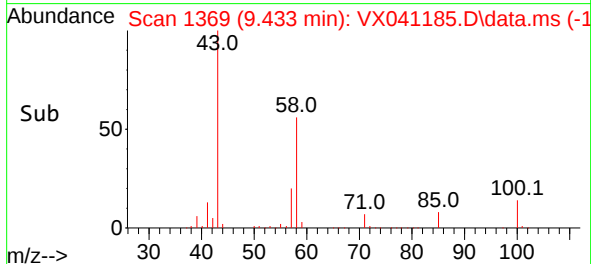
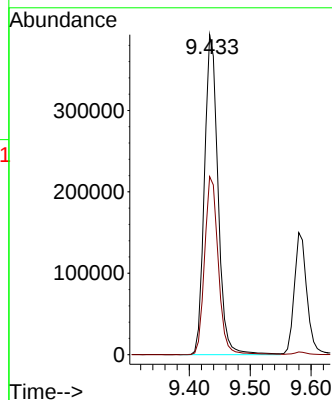
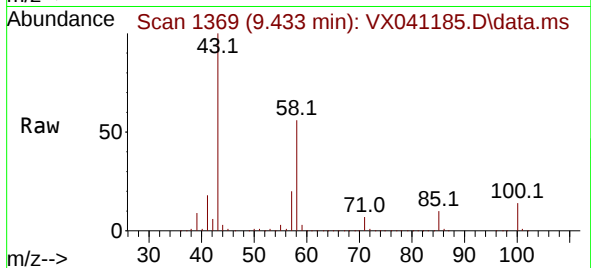
58 56.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#60

Dibromochloromethane

Concen: 54.890 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX041185.D

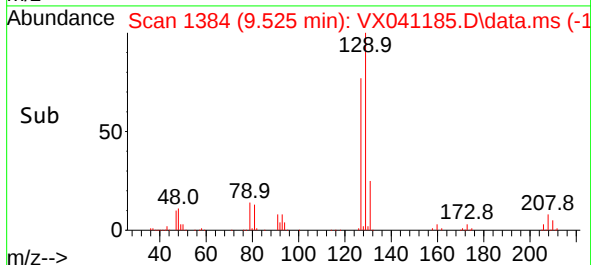
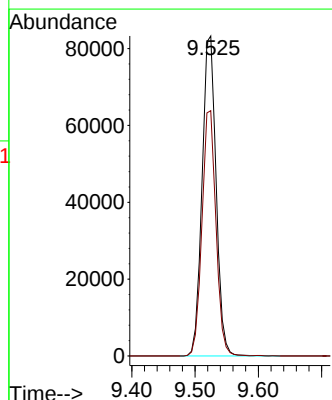
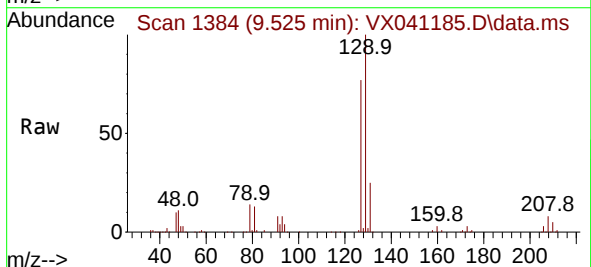
Acq: 22 Apr 2024 12:06

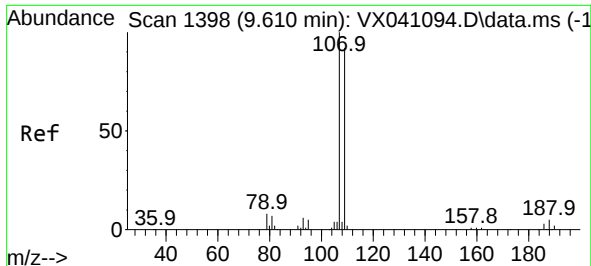
Tgt Ion:129 Resp: 128662

Ion Ratio Lower Upper

129 100

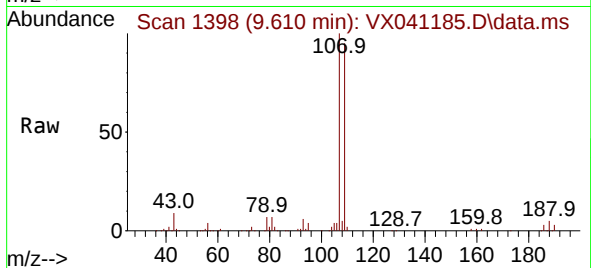
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.382 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

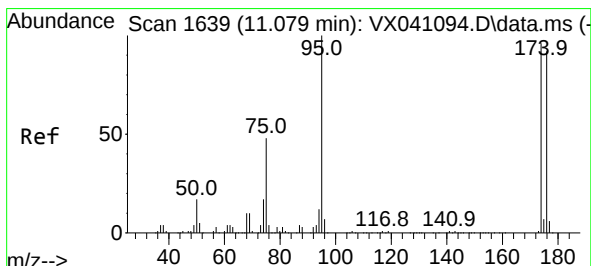
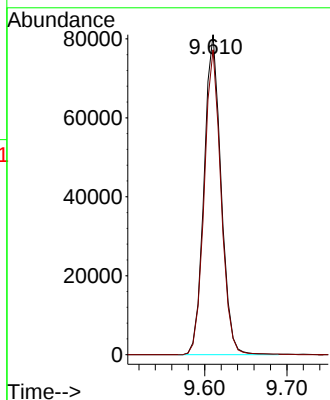
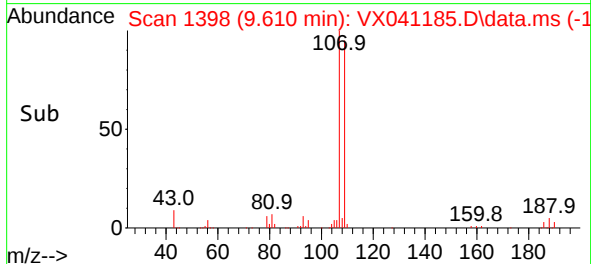
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



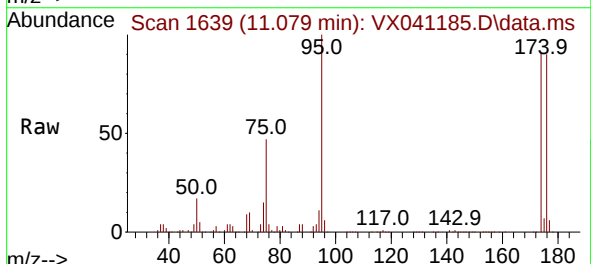
Tgt Ion: 107 Resp: 116290
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

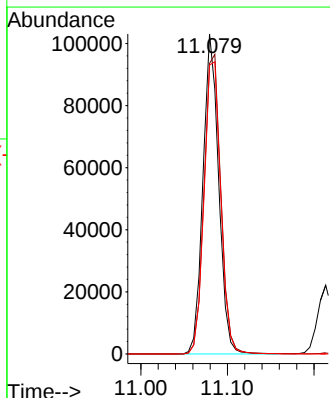
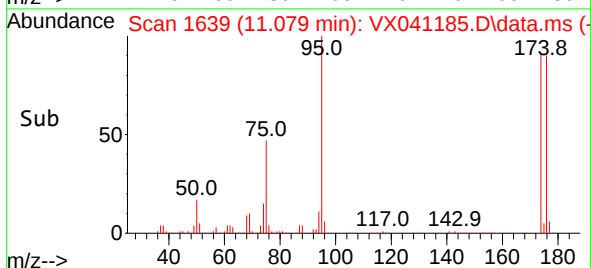
Reviewed By : John Carlone 04/23/2024
Supervised By : Mahesh Dadoda 04/23/2024

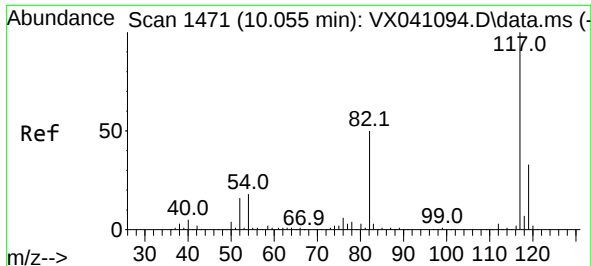


#62
4-Bromofluorobenzene
Concen: 49.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



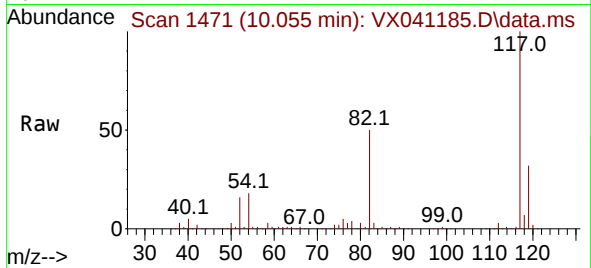
Tgt Ion: 95 Resp: 129476
Ion Ratio Lower Upper
95 100
174 100.4 0.0 135.6
176 97.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

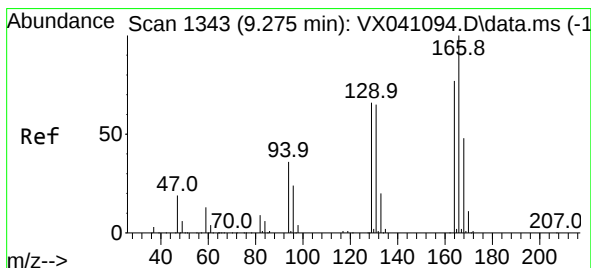
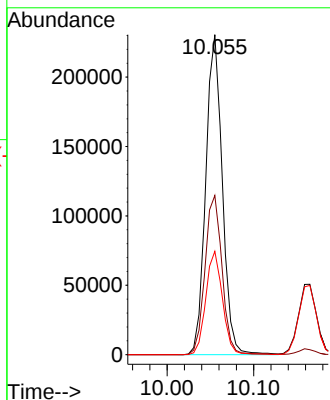
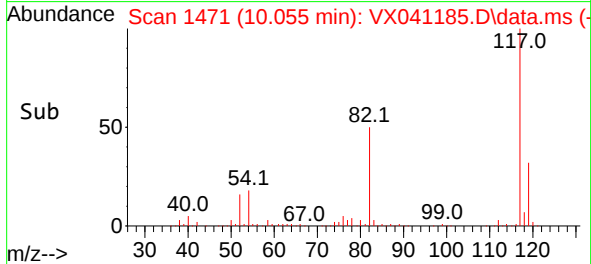
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



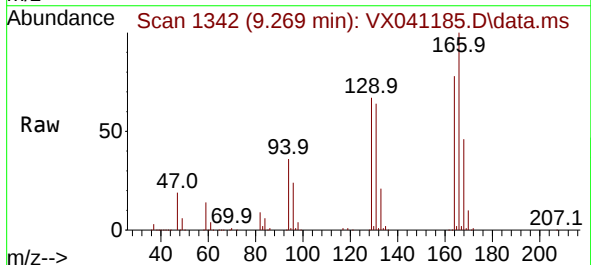
Tgt Ion:117 Resp: 307032
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.3 25.5 38.3

Manual Integrations
APPROVED

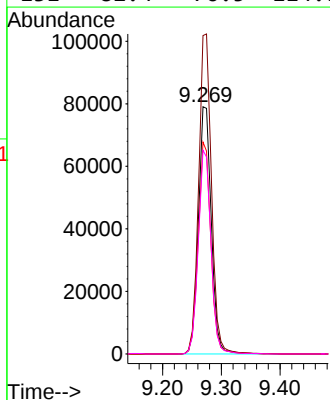
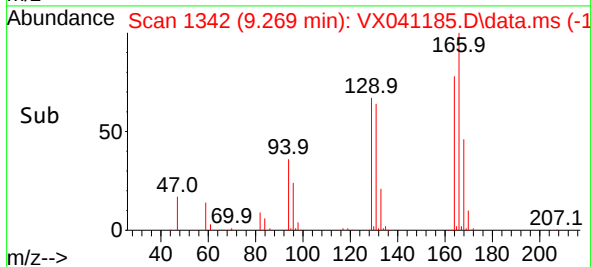
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

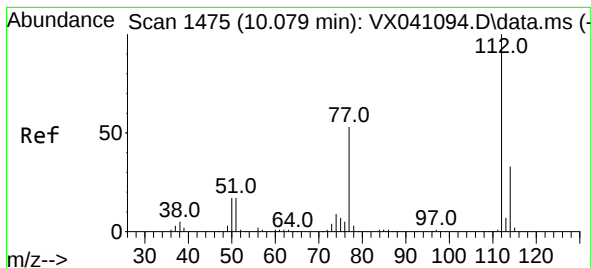


#64
Tetrachloroethene
Concen: 51.296 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



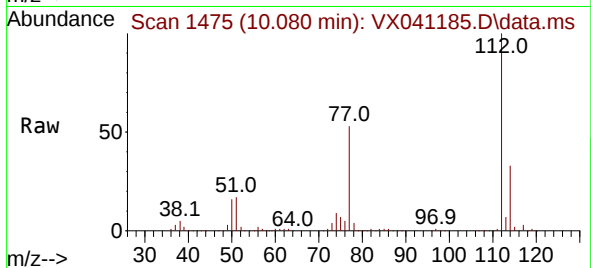
Tgt Ion:164 Resp: 120789
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 85.7 80.4 120.6
131 82.4 76.5 114.7





#65
Chlorobenzene
Concen: 51.256 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

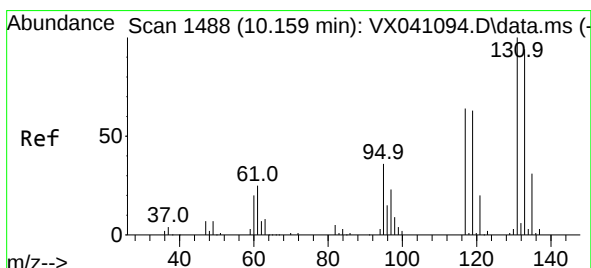
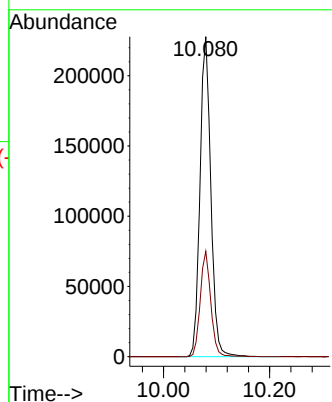
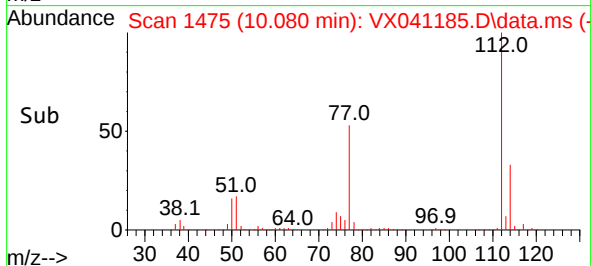
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



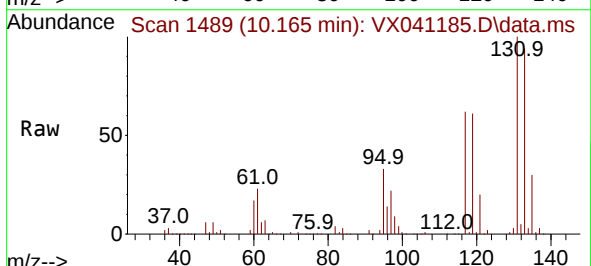
Tgt Ion:112 Resp: 323878
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

Manual Integrations
APPROVED

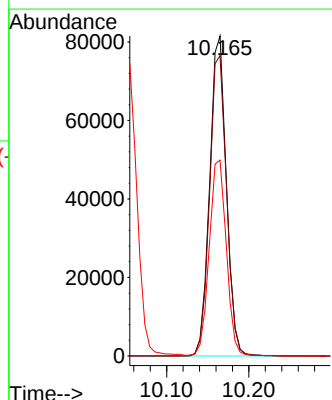
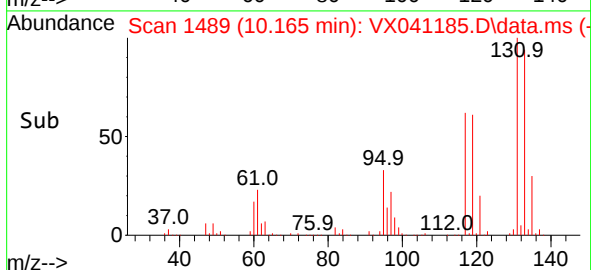
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

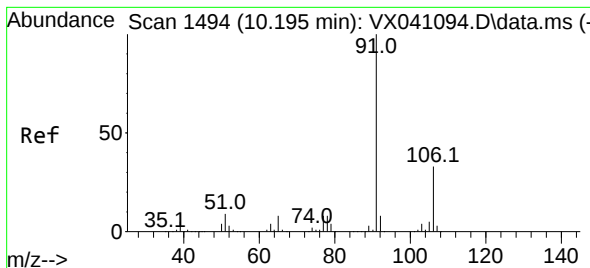


#66
1,1,1,2-Tetrachloroethane
Concen: 52.990 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



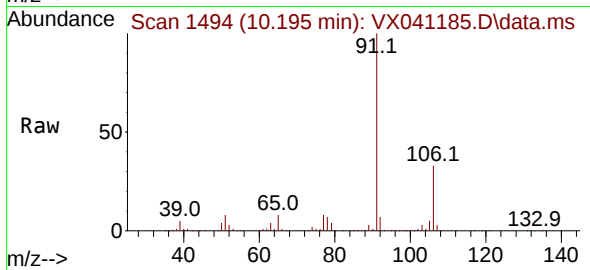
Tgt Ion:131 Resp: 114689
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 63.0 32.2 96.6





#67
Ethyl Benzene
Concen: 52.518 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

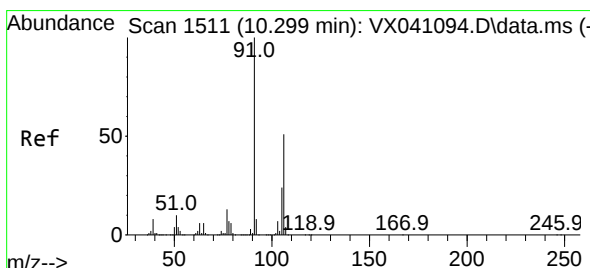
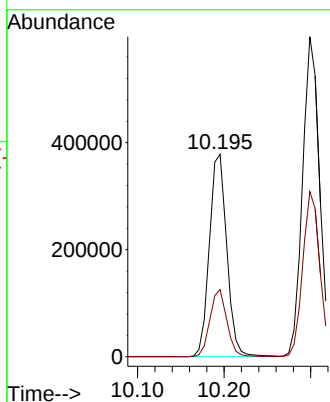
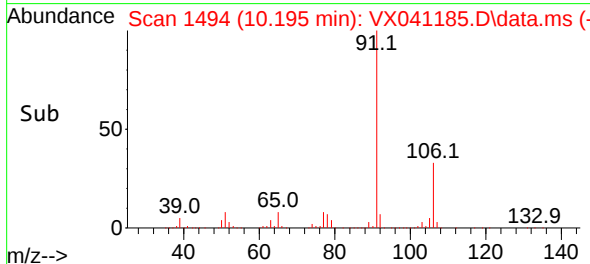
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 529585
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

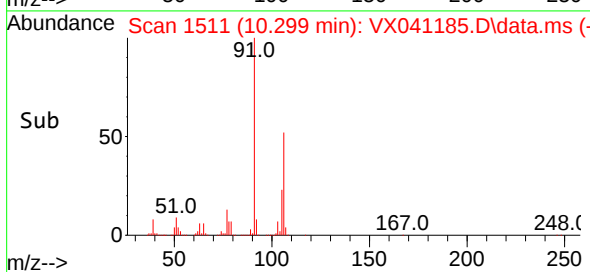
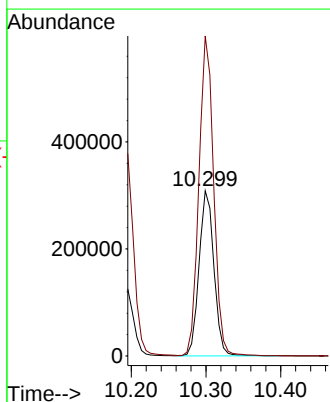
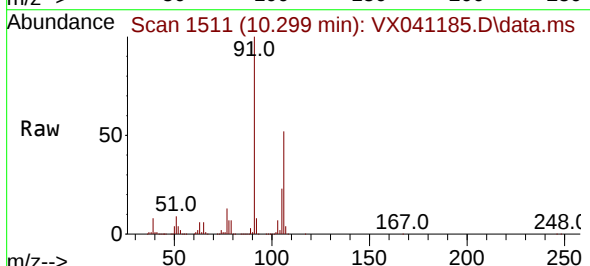
Manual Integrations
APPROVED

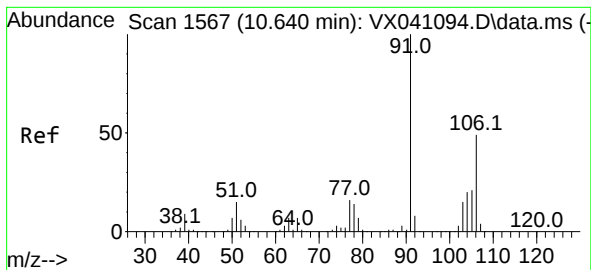
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#68
m/p-Xylenes
Concen: 104.434 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

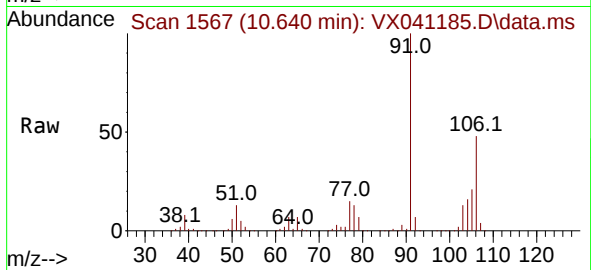
Tgt Ion:106 Resp: 425125
Ion Ratio Lower Upper
106 100
91 193.1 165.5 248.3





#69
o-Xylene
Concen: 52.627 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

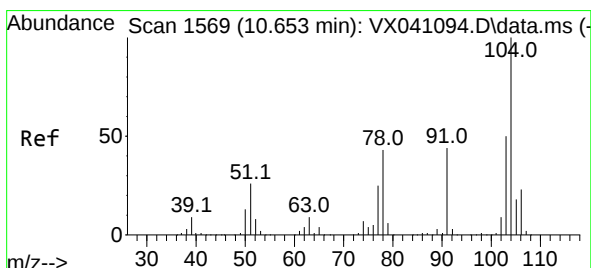
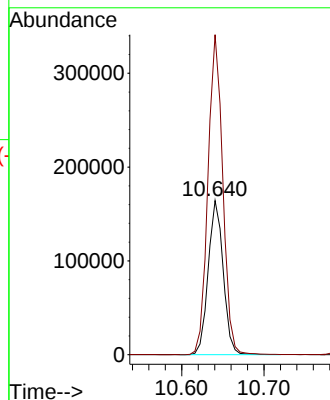
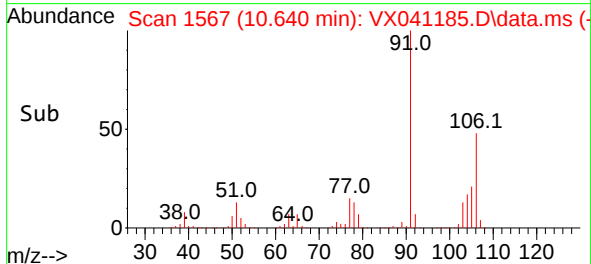
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 208362
Ion Ratio Lower Upper
106 100
91 205.1 108.9 326.8

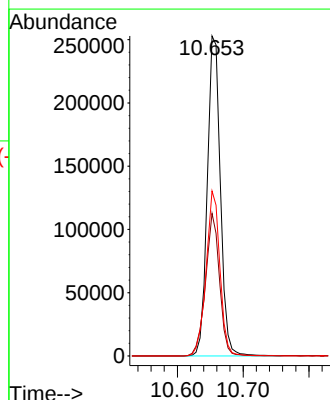
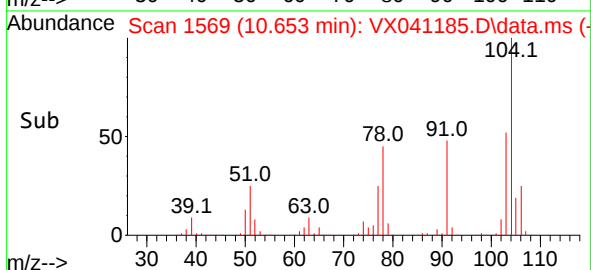
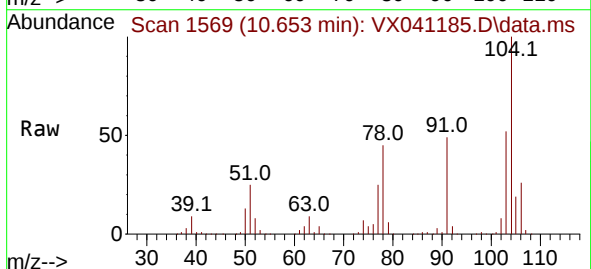
Manual Integrations
APPROVED

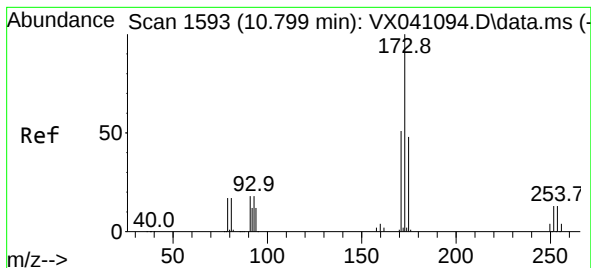
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#70
Styrene
Concen: 54.353 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion:104 Resp: 350095
Ion Ratio Lower Upper
104 100
78 47.6 43.6 65.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 56.979 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041185.D

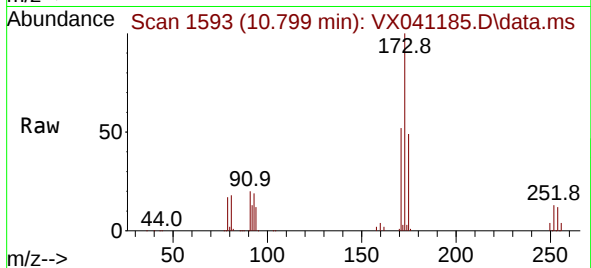
Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



Tgt Ion:173 Resp: 105435

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

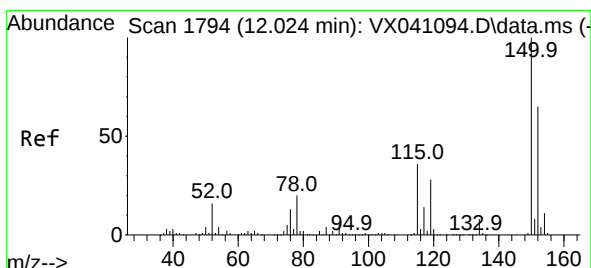
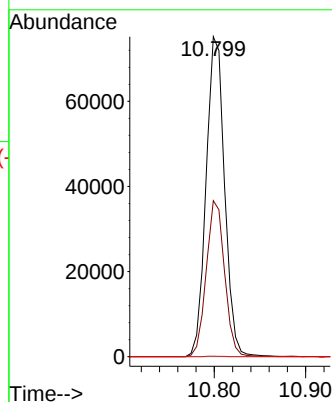
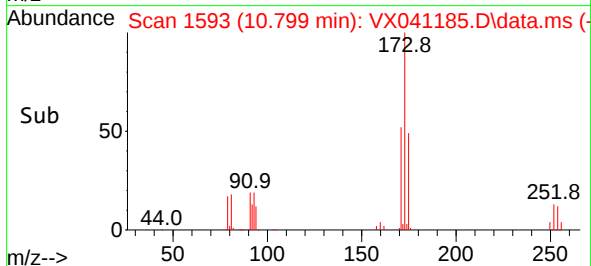
254 0.1 0.0 0.0

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: VX041185.D

Acq: 22 Apr 2024 12:06

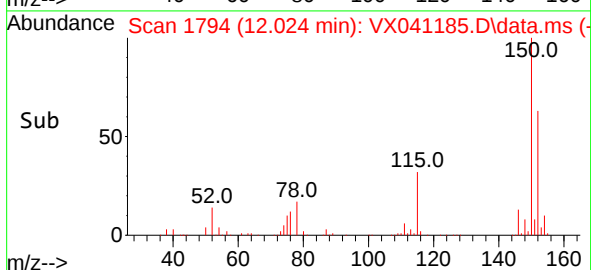
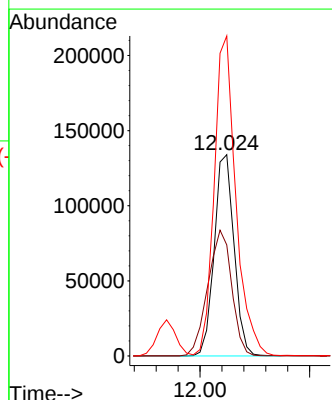
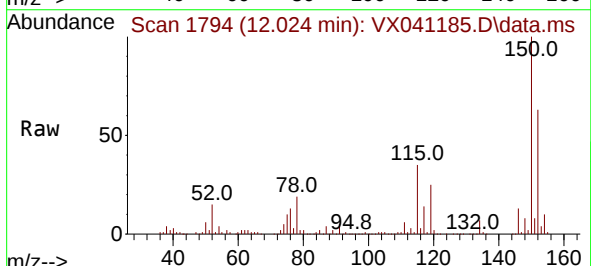
Tgt Ion:152 Resp: 168306

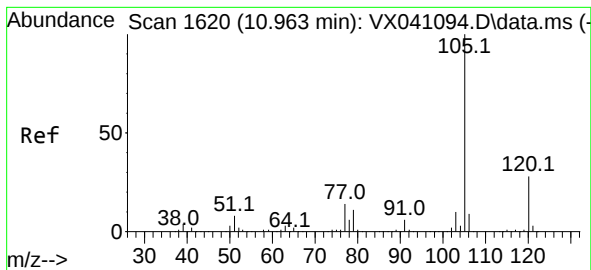
Ion Ratio Lower Upper

152 100

115 75.1 43.3 129.9

150 173.5 0.0 345.0





#73

Isopropylbenzene

Concen: 51.739 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 54180

Ion Ratio Lower Upper

105 100

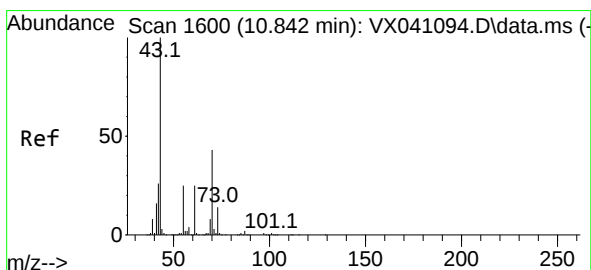
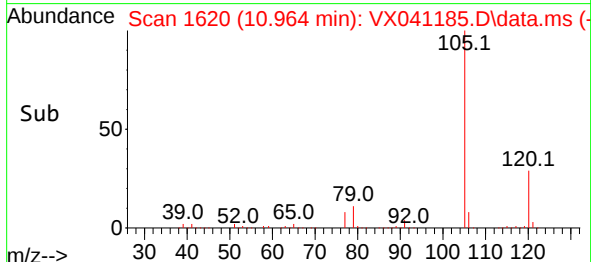
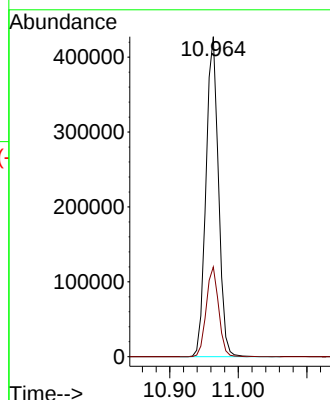
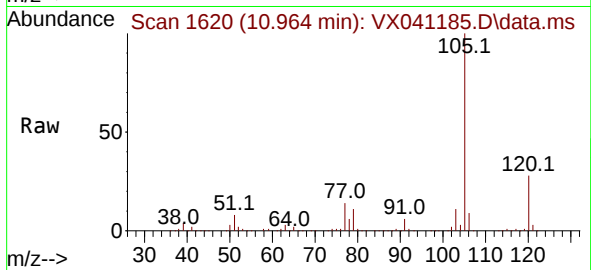
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#74

N-ethyl acetate

Concen: 53.455 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Tgt Ion: 43 Resp: 220003

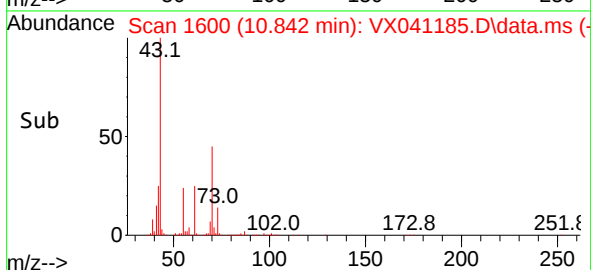
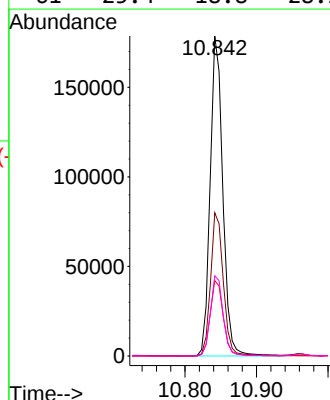
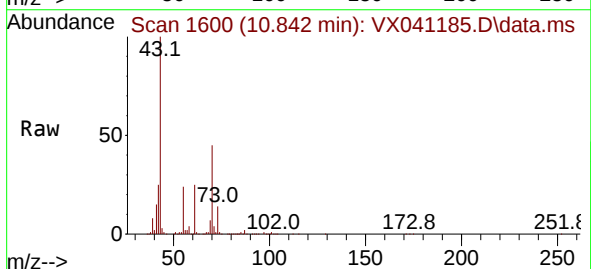
Ion Ratio Lower Upper

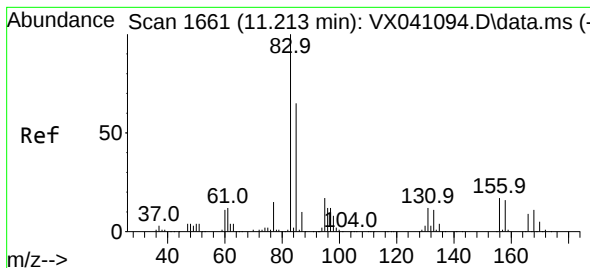
43 100

70 45.1 32.9 49.3

55 24.4 19.3 28.9

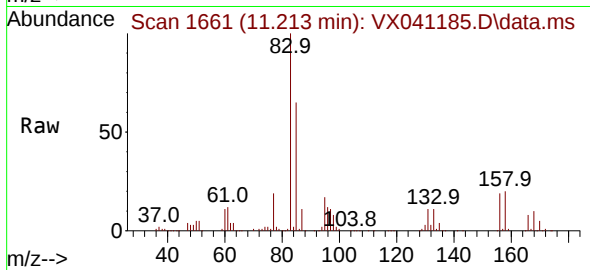
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.948 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

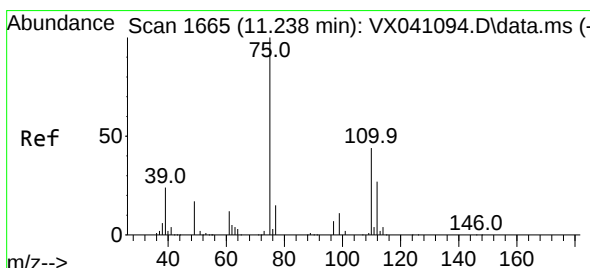
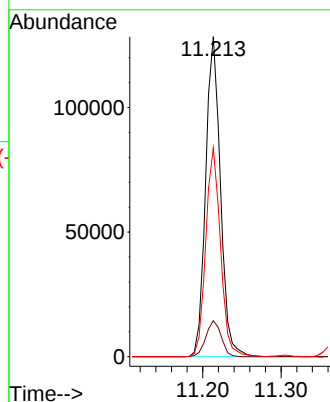
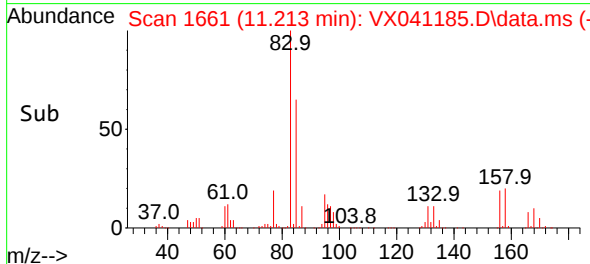
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



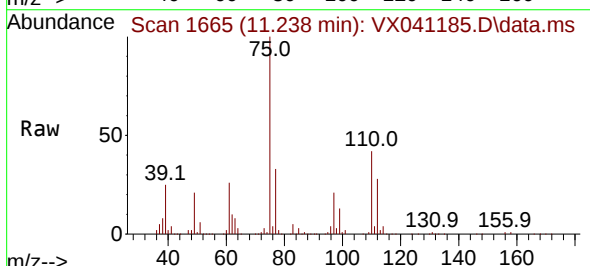
Tgt Ion: 83 Resp: 168254
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

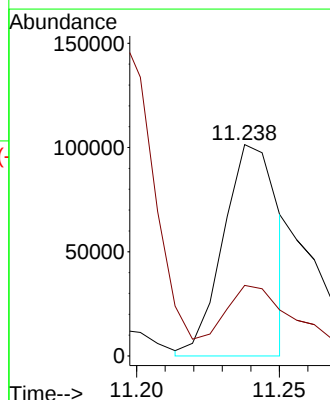
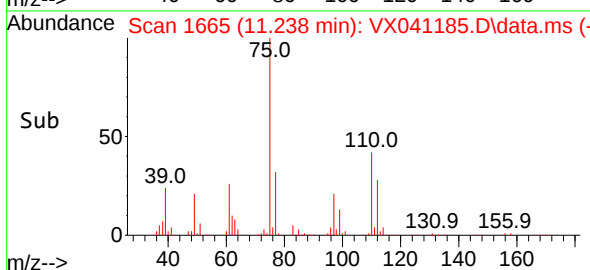
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

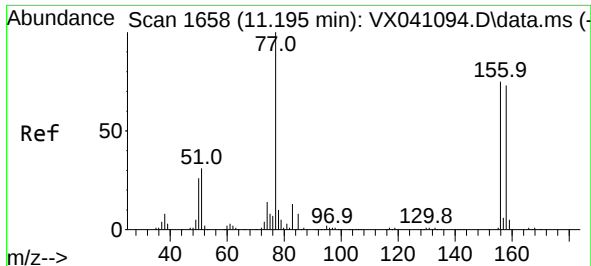


#76
1,2,3-Trichloropropane
Concen: 49.314 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



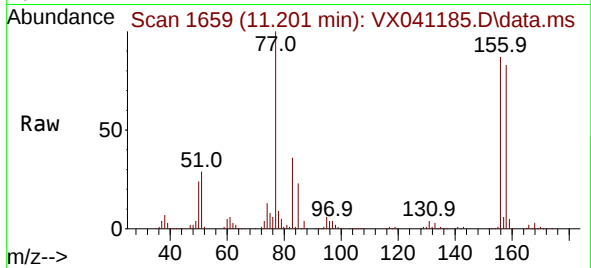
Tgt Ion: 75 Resp: 133724
Ion Ratio Lower Upper
75 100
77 45.3 19.1 57.5





#77
Bromobenzene
Concen: 50.227 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

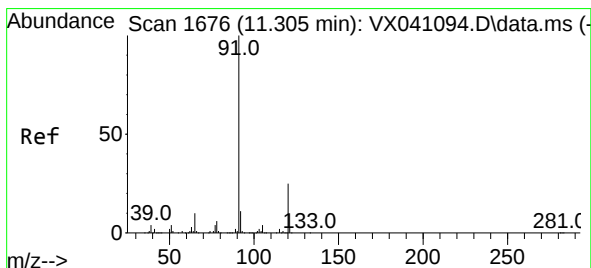
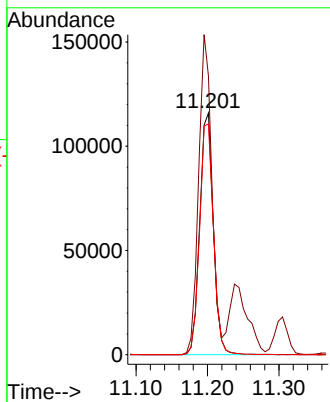
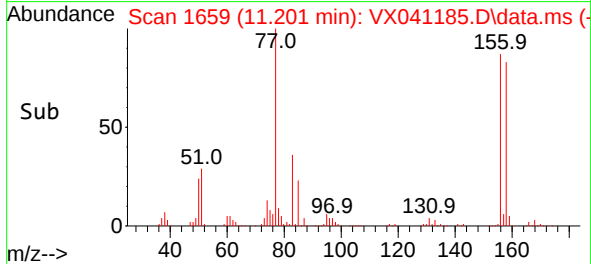
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



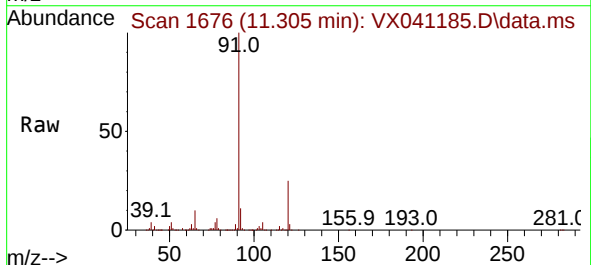
Tgt Ion:156 Resp: 153062
Ion Ratio Lower Upper
156 100
77 128.2 88.4 265.3
158 97.8 48.0 144.0

Manual Integrations
APPROVED

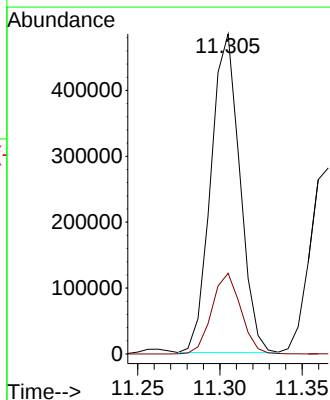
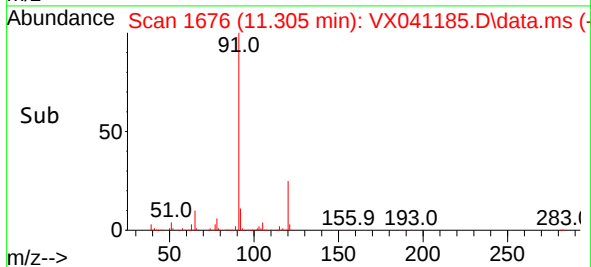
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

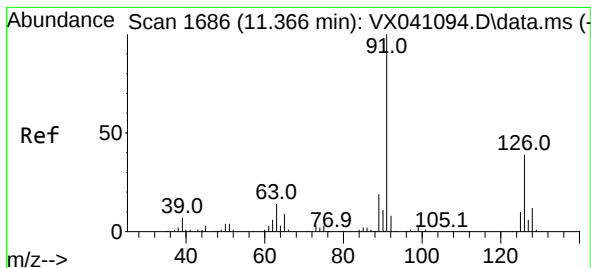


#78
n-propylbenzene
Concen: 52.525 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



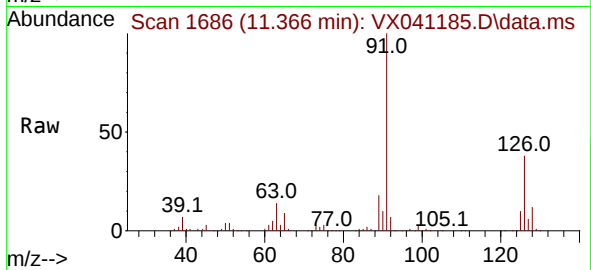
Tgt Ion: 91 Resp: 593918
Ion Ratio Lower Upper
91 100
120 25.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.856 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

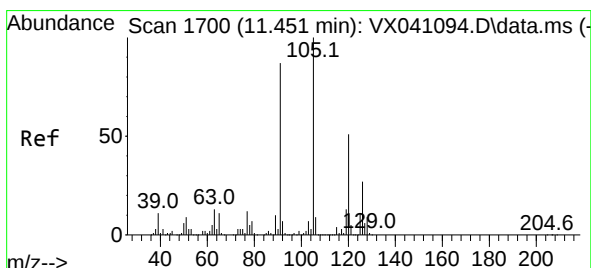
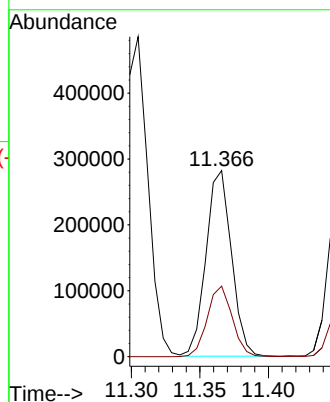
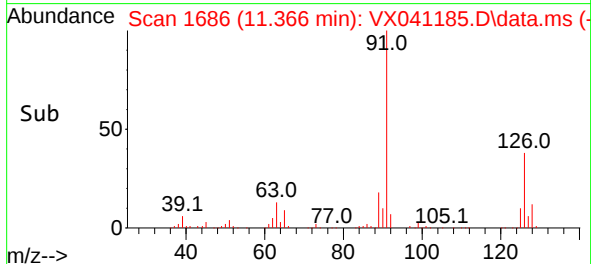
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



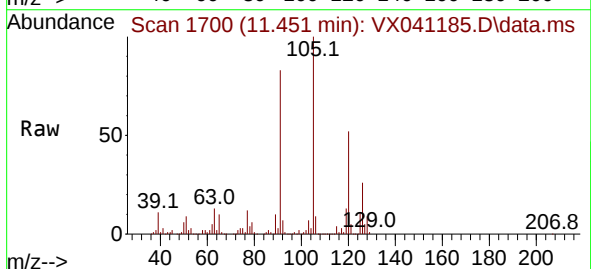
Tgt Ion: 91 Resp: 363902
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

Manual Integrations
APPROVED

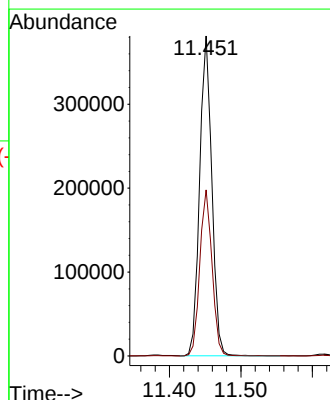
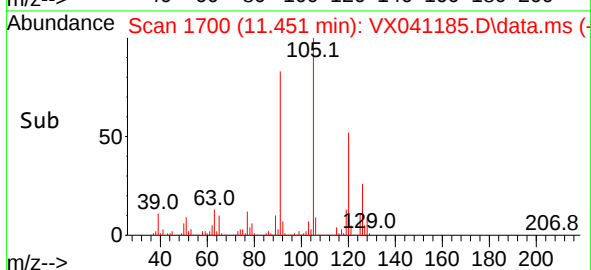
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

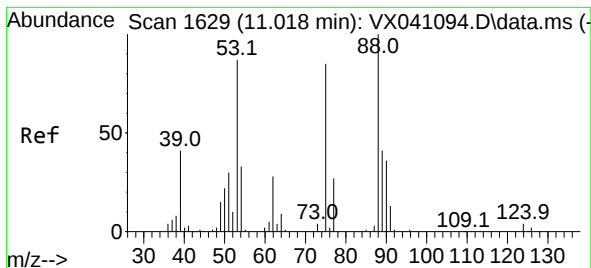


#80
1,3,5-Trimethylbenzene
Concen: 51.512 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



Tgt Ion:105 Resp: 448776
Ion Ratio Lower Upper
105 100
120 52.1 24.1 72.3





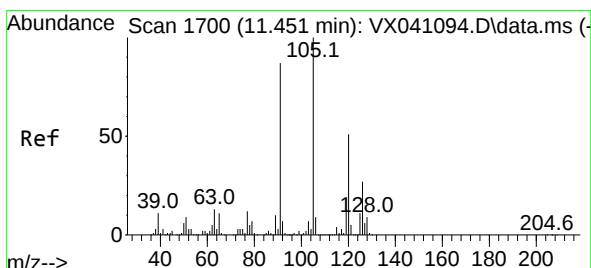
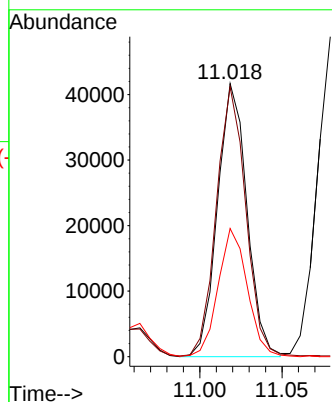
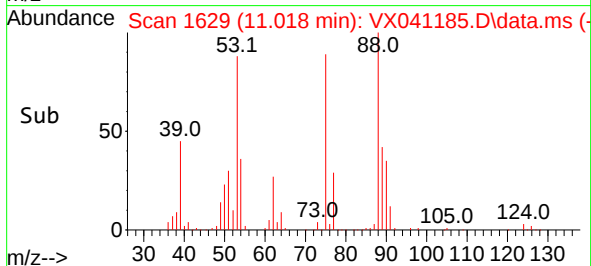
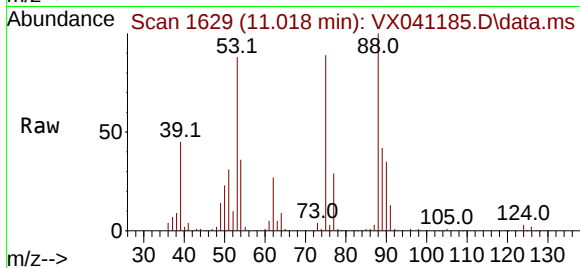
#81
trans-1,4-Dichloro-2-butene
Concen: 53.929 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 51834
Ion Ratio Lower Upper
75 100
53 99.5 90.5 135.7
89 46.6 36.9 55.3

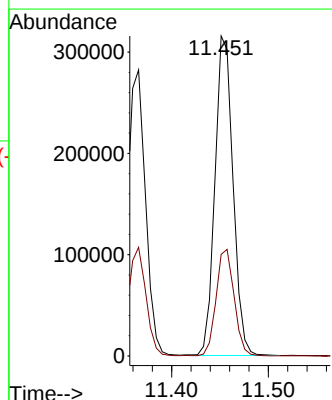
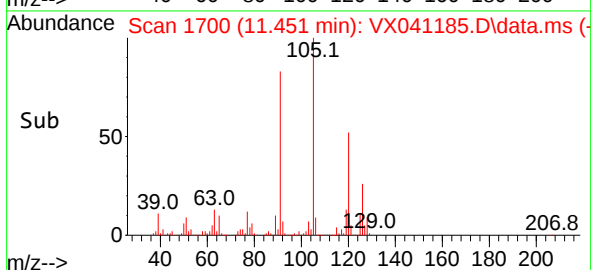
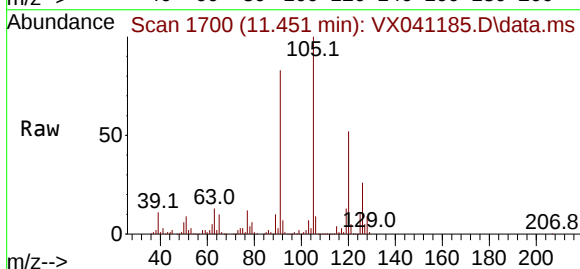
Manual Integrations
APPROVED

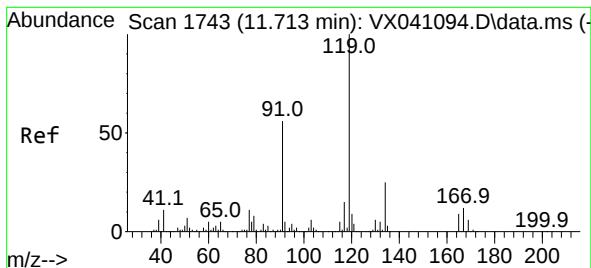
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 50.510 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

Tgt Ion: 91 Resp: 409578
Ion Ratio Lower Upper
91 100
126 33.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.645 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

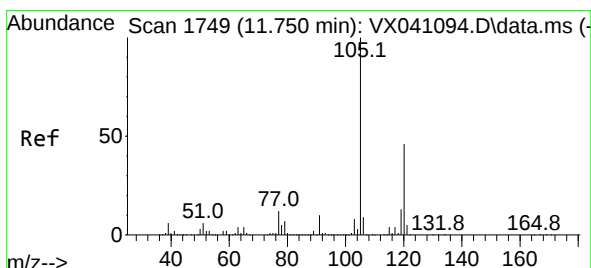
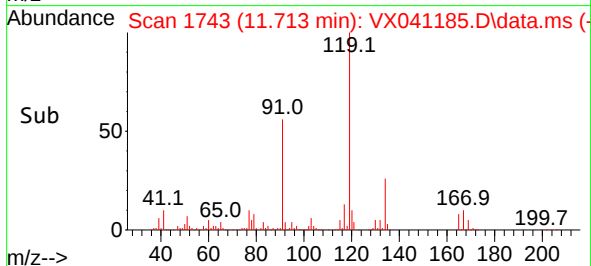
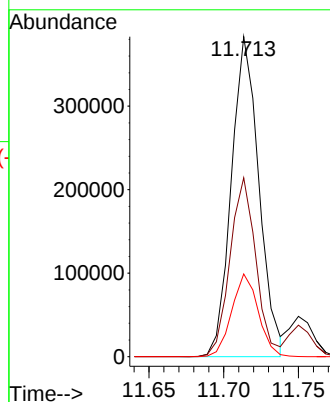
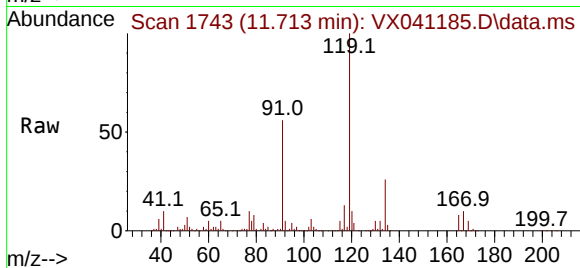
Tgt Ion:	119	Resp:	491154
Ion Ratio	Lower	Upper	
119	100		
91	52.8	31.2	93.6
134	24.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.728 ug/l

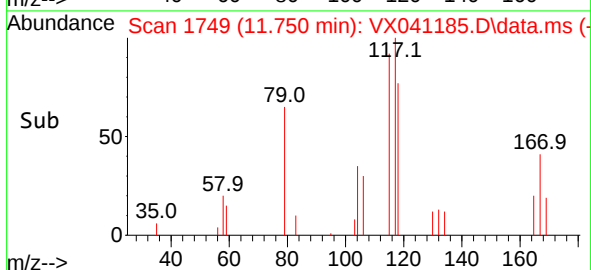
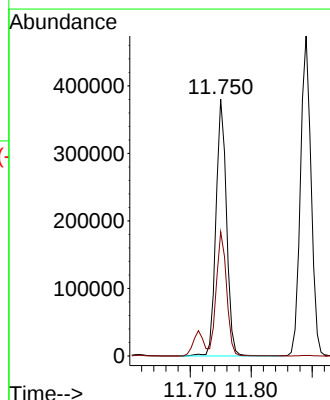
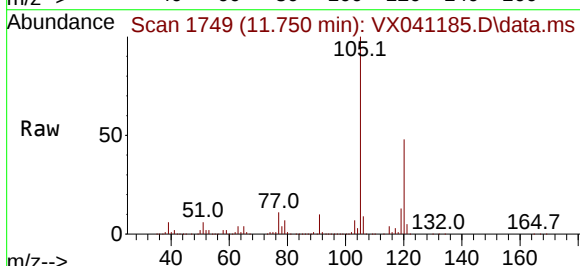
RT: 11.750 min Scan# 1749

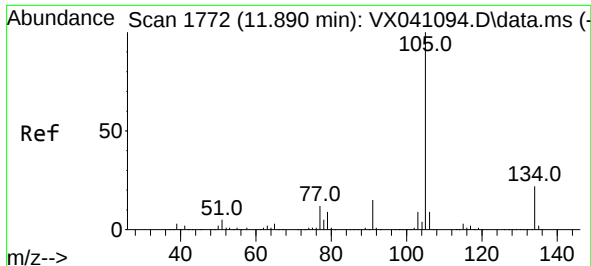
Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

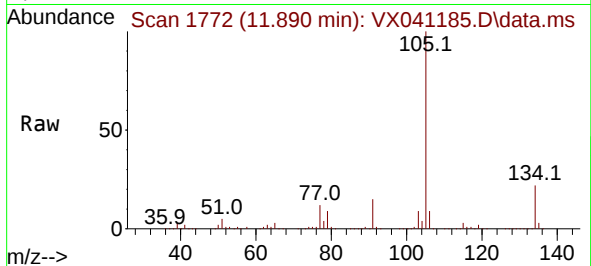
Tgt Ion:	105	Resp:	455937
Ion Ratio	Lower	Upper	
105	100		
120	46.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 53.260 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041185.D
 Acq: 22 Apr 2024 12:06

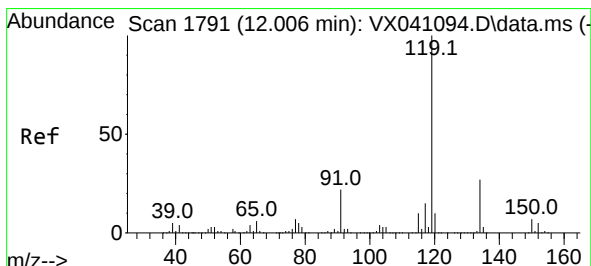
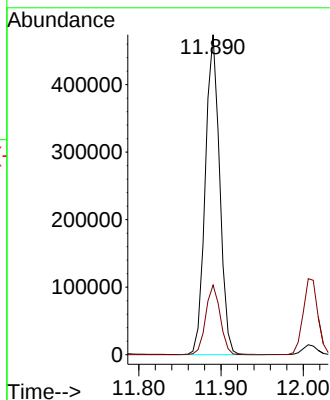
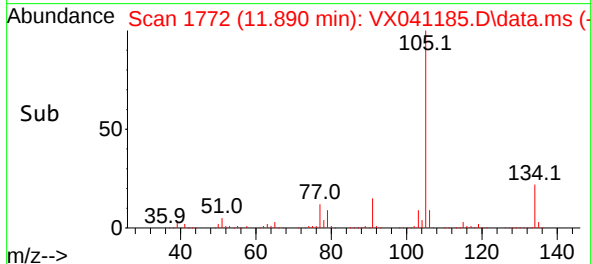
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 573790
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.8 29.4

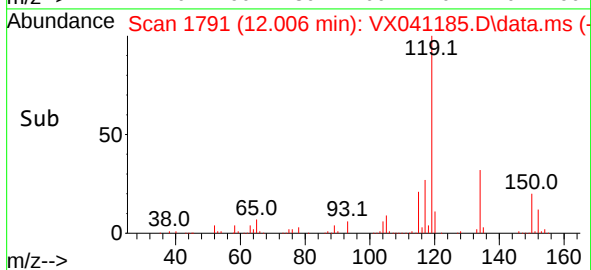
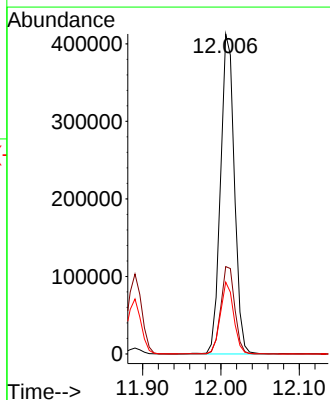
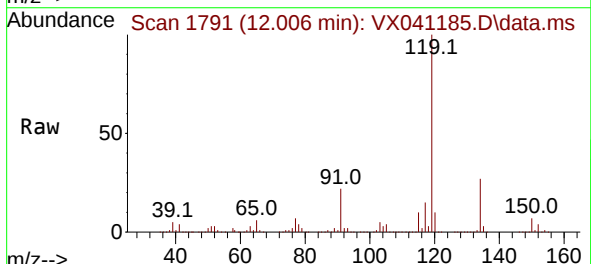
Manual Integrations
 APPROVED

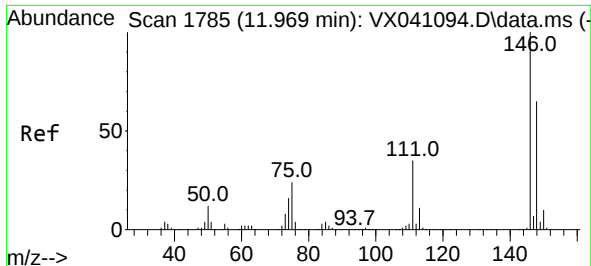
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024



#86
 p-Isopropyltoluene
 Concen: 53.588 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041185.D
 Acq: 22 Apr 2024 12:06

Tgt Ion:119 Resp: 508768
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.3
 91 21.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.933 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 27881

Ion Ratio Lower Upper

146 100

111 35.9 22.1 66.1

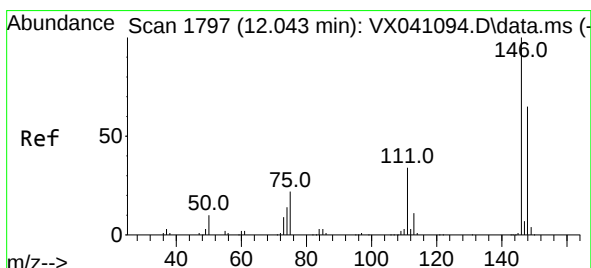
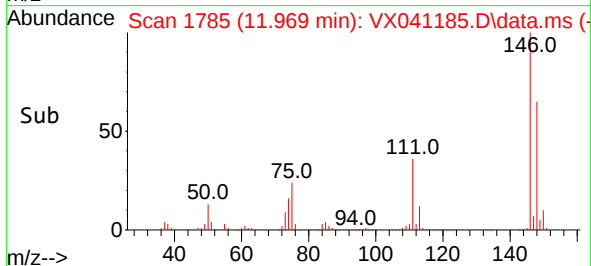
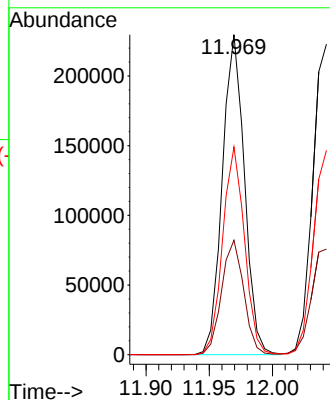
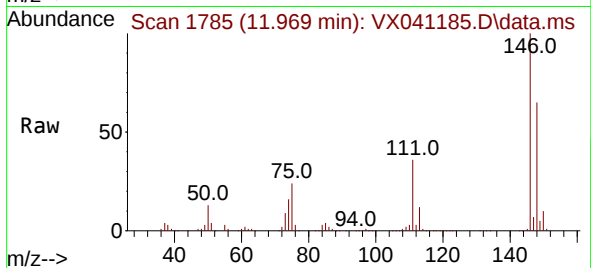
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

Concen: 50.009 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

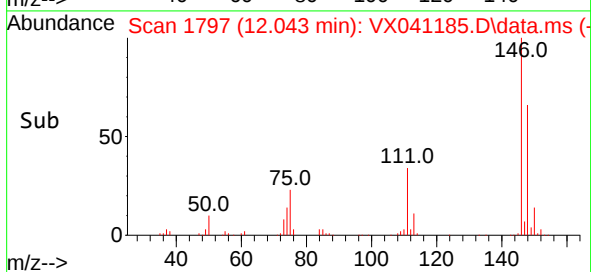
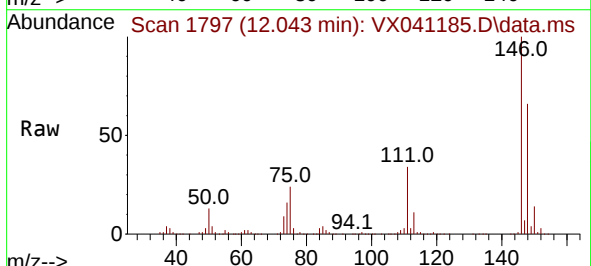
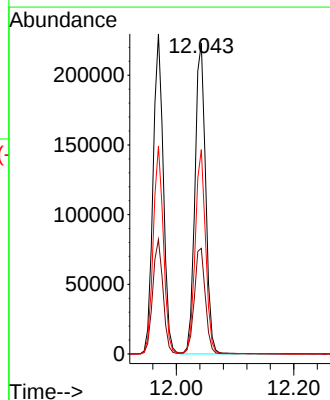
Tgt Ion:146 Resp: 280879

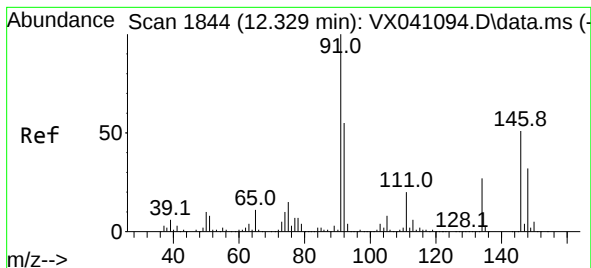
Ion Ratio Lower Upper

146 100

111 35.2 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 55.159 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041185.D

Acq: 22 Apr 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 39761

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.0

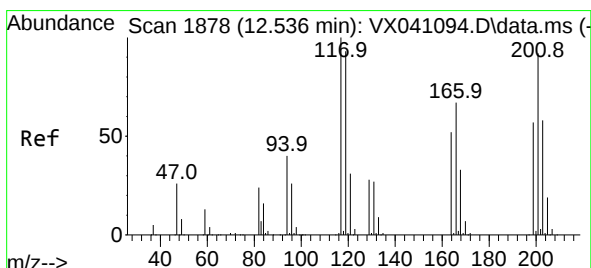
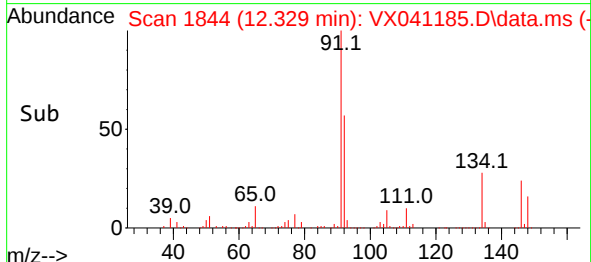
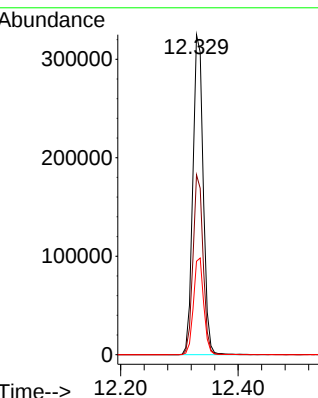
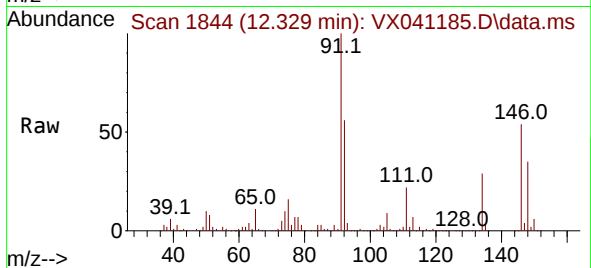
134 30.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#90

Hexachloroethane

Concen: 53.011 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041185.D

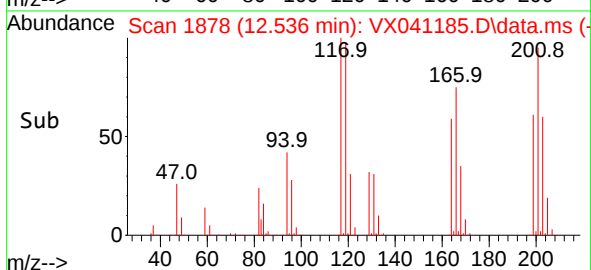
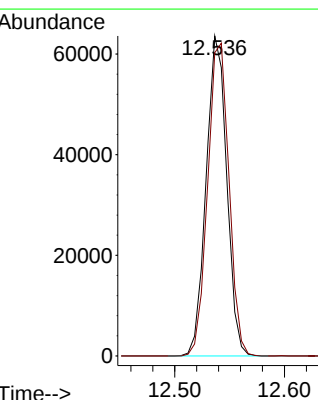
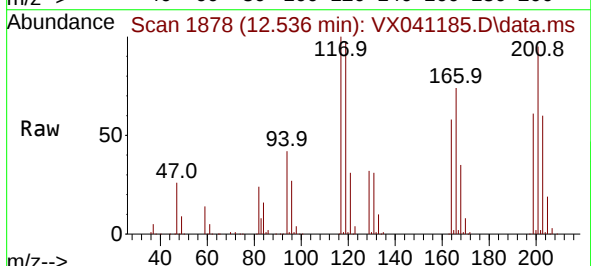
Acq: 22 Apr 2024 12:06

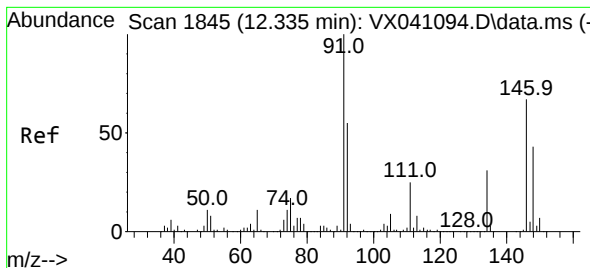
Tgt Ion:117 Resp: 83020

Ion Ratio Lower Upper

117 100

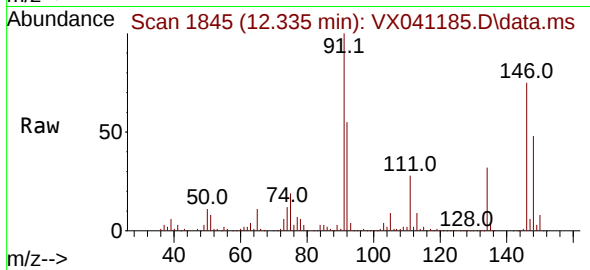
201 101.0 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 51.645 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

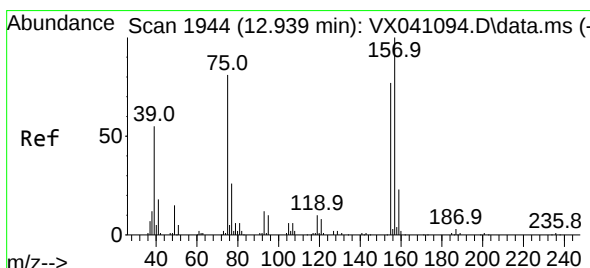
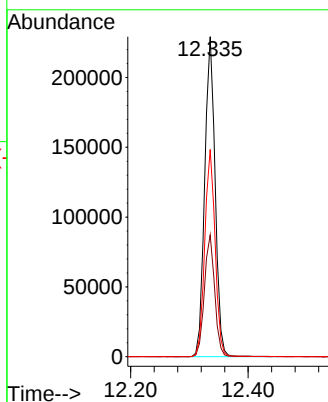
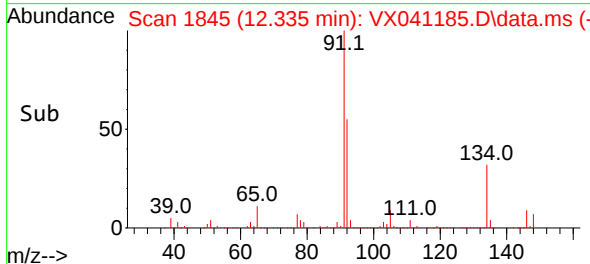
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



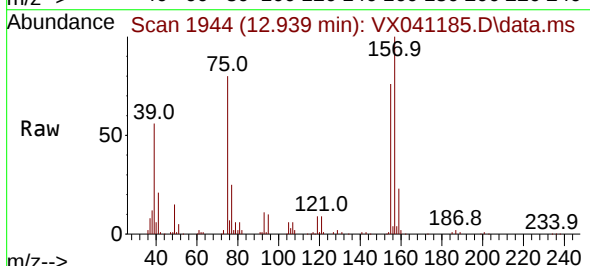
Tgt Ion:146 Resp: 283162
Ion Ratio Lower Upper
146 100
111 37.5 22.4 67.0
148 64.4 31.6 95.0

Manual Integrations
APPROVED

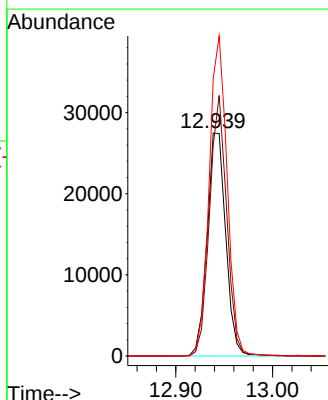
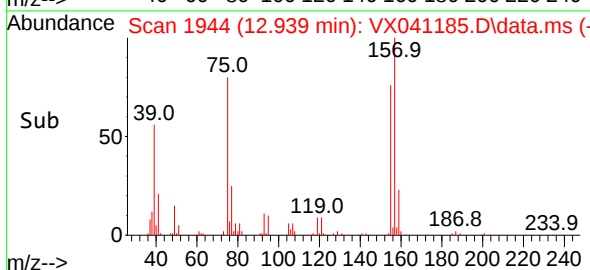
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

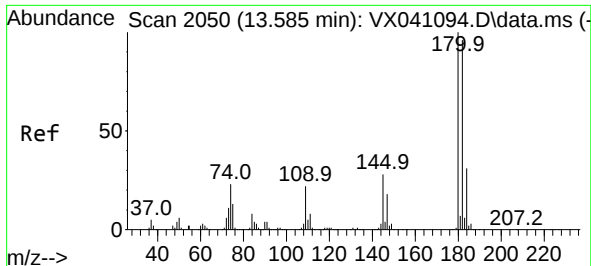


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.091 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



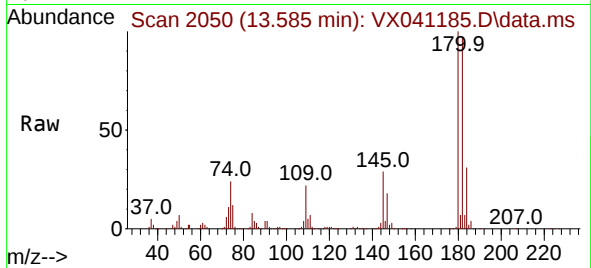
Tgt Ion: 75 Resp: 36789
Ion Ratio Lower Upper
75 100
155 108.0 36.1 108.5
157 138.6 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 52.880 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

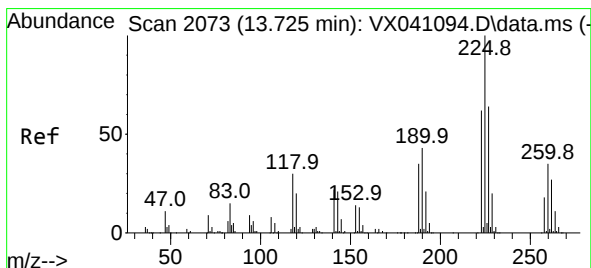
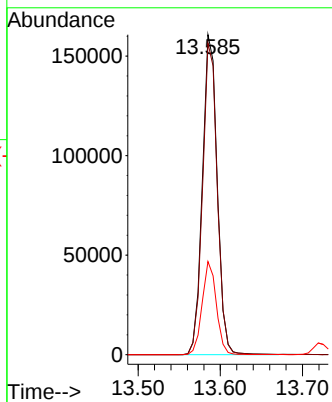
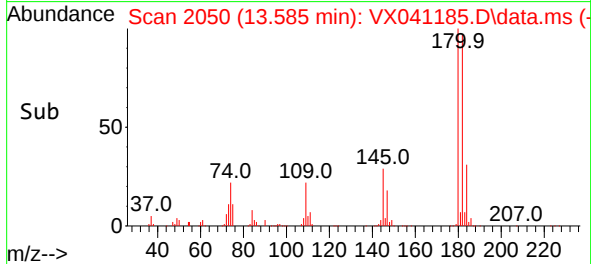
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 20102
Ion Ratio Lower Upper
180 100
182 96.8 48.3 144.8
145 28.0 18.0 54.0

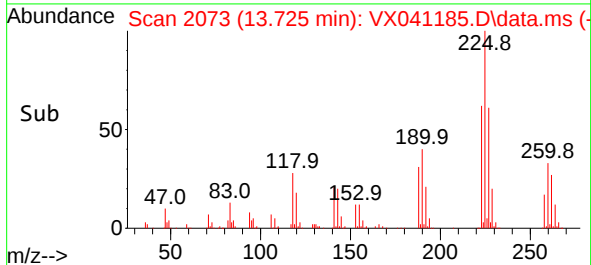
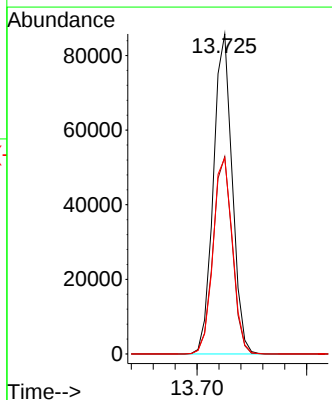
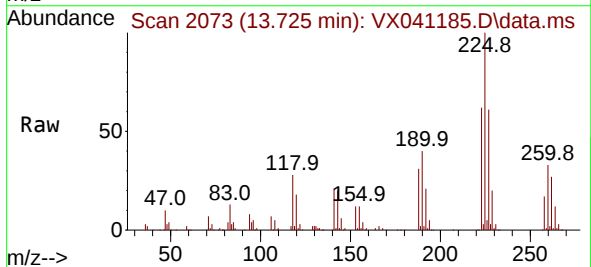
Manual Integrations
APPROVED

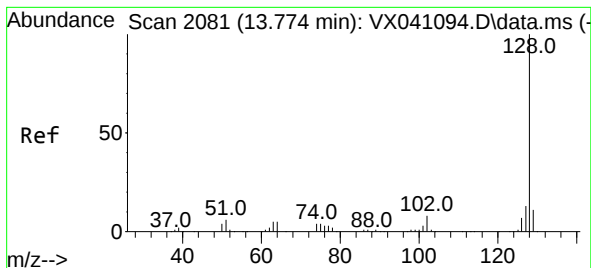
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#94
Hexachlorobutadiene
Concen: 52.676 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

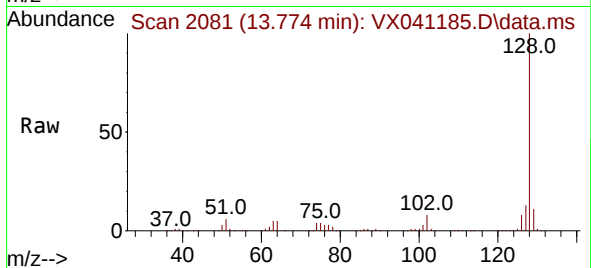
Tgt Ion:225 Resp: 102309
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 54.026 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06

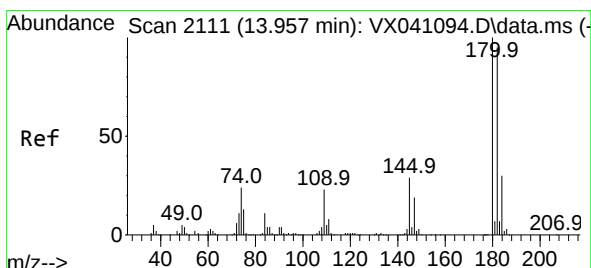
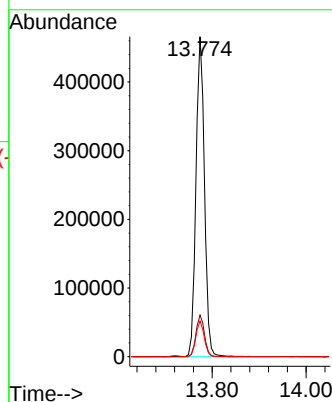
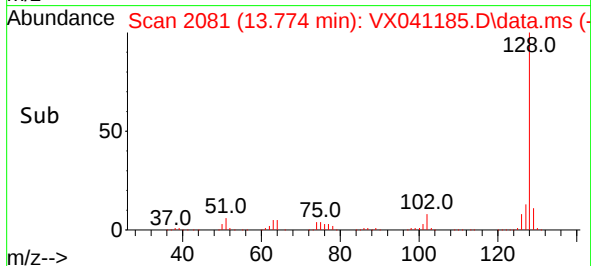
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



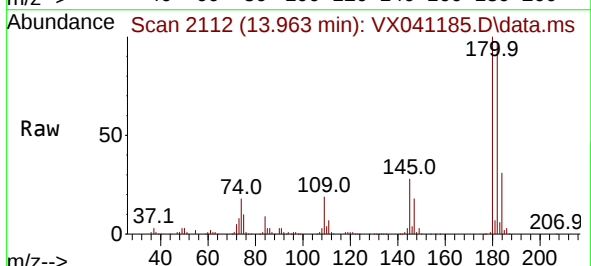
Tgt Ion:128 Resp: 59010
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.921 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041185.D
Acq: 22 Apr 2024 12:06



Tgt Ion:180 Resp: 207904
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 28.9 17.8 53.5

