

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041093.D
 Acq On : 16 Apr 2024 10:11
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:38:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	263879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41350	20.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.420%#		
35) Dibromofluoromethane	5.385	113	35391	20.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.160%#		
50) Toluene-d8	8.647	98	123037	19.927	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.860%#		
62) 4-Bromofluorobenzene	11.079	95	46833	19.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.960%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	32430	21.572	ug/l	99
3) Chloromethane	1.301	50	37778	22.611	ug/l	97
4) Vinyl Chloride	1.374	62	42752	22.326	ug/l	95
5) Bromomethane	1.599	94	26610	22.165	ug/l	100
6) Chloroethane	1.685	64	27911	22.082	ug/l	99
7) Trichlorofluoromethane	1.886	101	68413	22.761	ug/l	99
8) Diethyl Ether	2.136	74	25803	21.876	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	38165	21.843	ug/l #	87
10) Methyl Iodide	2.453	142	41680	22.707	ug/l	90
11) Tert butyl alcohol	2.965	59	41967	104.834	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	36628	21.896	ug/l	84
13) Acrolein	2.240	56	52241	103.765	ug/l	98
14) Allyl chloride	2.666	41	59433	21.968	ug/l	96
15) Acrylonitrile	3.063	53	108507	109.474	ug/l	99
16) Acetone	2.380	43	96773	112.514	ug/l	92
17) Carbon Disulfide	2.514	76	85163	22.366	ug/l	100
18) Methyl Acetate	2.703	43	47030	21.902	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	113670	21.985	ug/l	99
20) Methylene Chloride	2.788	84	40742	22.199	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	38140	22.227	ug/l	86
22) Diisopropyl ether	3.764	45	116360	22.459	ug/l	91
23) Vinyl Acetate	3.721	43	531484	113.192	ug/l	96
24) 1,1-Dichloroethane	3.611	63	66866	22.043	ug/l	96
25) 2-Butanone	4.556	43	150360	111.265	ug/l	97
26) 2,2-Dichloropropane	4.471	77	51451	21.368	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	46465	22.415	ug/l	87
28) Bromochloromethane	4.898	49	25587	20.020	ug/l #	75
29) Tetrahydrofuran	5.007	42	99463	111.176	ug/l	95
30) Chloroform	5.093	83	73085	22.172	ug/l	97
31) Cyclohexane	5.471	56	56698	22.367	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	62141	21.481	ug/l	97
36) 1,1-Dichloropropene	5.696	75	49266	22.075	ug/l	96
37) Ethyl Acetate	4.715	43	58146	21.817	ug/l	98
38) Carbon Tetrachloride	5.678	117	56753	21.932	ug/l	94
39) Methylcyclohexane	7.379	83	62344	22.263	ug/l	94
40) Benzene	6.038	78	152305	22.357	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30833	22.075	ug/l	93
42) 1,2-Dichloroethane	6.086	62	54793	22.446	ug/l	95
43) Isopropyl Acetate	6.342	43	86684	21.903	ug/l	97
44) Trichloroethene	7.123	130	43944	21.718	ug/l	90
45) 1,2-Dichloropropane	7.428	63	36048	22.285	ug/l	97
46) Dibromomethane	7.580	93	28601	22.487	ug/l #	78
47) Bromodichloromethane	7.824	83	54281	21.926	ug/l	97
48) Methyl methacrylate	7.696	41	43309	22.419	ug/l	93
49) 1,4-Dioxane	7.659	88	20271	449.062	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	302645	112.569	ug/l	98
52) Toluene	8.720	92	100857	22.679	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	52376	22.058	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	57645	22.097	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	40140	22.480	ug/l	98
56) Ethyl methacrylate	9.116	69	59057	20.525	ug/l	95
57) 1,3-Dichloropropane	9.305	76	64625	22.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	137171	109.234	ug/l	93
59) 2-Hexanone	9.427	43	238156	114.510	ug/l	97
60) Dibromochloromethane	9.519	129	47893	22.175	ug/l	98
61) 1,2-Dibromoethane	9.610	107	42912	22.001	ug/l	98
64) Tetrachloroethene	9.275	164	44855	22.720	ug/l	89
65) Chlorobenzene	10.080	112	119472	21.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	40961	21.835	ug/l	99
67) Ethyl Benzene	10.195	91	191501	22.379	ug/l	97
68) m/p-Xylenes	10.299	106	152895	44.921	ug/l	94
69) o-Xylene	10.640	106	74222	22.402	ug/l	93
70) Styrene	10.653	104	127614	22.683	ug/l	95
71) Bromoform	10.799	173	37729	21.353	ug/l #	99
73) Isopropylbenzene	10.964	105	194851	22.367	ug/l	97
74) N-amyl acetate	10.842	43	75880	21.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	62773	21.960	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	51775m	21.513	ug/l	
77) Bromobenzene	11.195	156	56193	21.972	ug/l	78
78) n-propylbenzene	11.305	91	222011	22.726	ug/l	96
79) 2-Chlorotoluene	11.366	91	133685	22.448	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	163804	22.573	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17311	20.181	ug/l	97
82) 4-Chlorotoluene	11.451	91	156543	22.576	ug/l	93
83) tert-Butylbenzene	11.713	119	169662	21.922	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	165979	22.919	ug/l	94
85) sec-Butylbenzene	11.890	105	206721	22.261	ug/l	95
86) p-Isopropyltoluene	12.006	119	186558	22.637	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	104966	21.756	ug/l	95
88) 1,4-Dichlorobenzene	12.037	146	106938	21.017	ug/l	95
89) n-Butylbenzene	12.329	91	154414	22.084	ug/l	97
90) Hexachloroethane	12.536	117	29133	20.875	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	103961	21.714	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13599	21.933	ug/l	55
93) 1,2,4-Trichlorobenzene	13.585	180	77808	21.624	ug/l	95
94) Hexachlorobutadiene	13.725	225	37109	21.633	ug/l	99
95) Naphthalene	13.774	128	217595	22.389	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77756	21.763	ug/l	96

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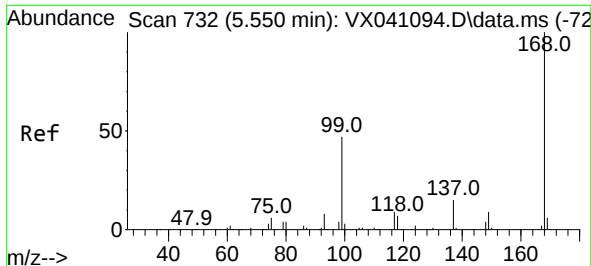
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/17/2024

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 01:32:05 2024
Response via : Initial Calibration

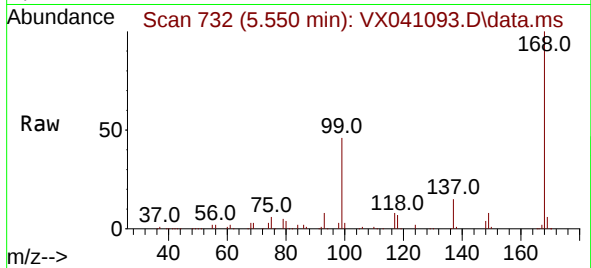
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041093.D
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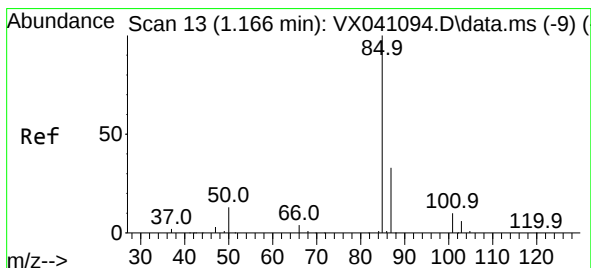
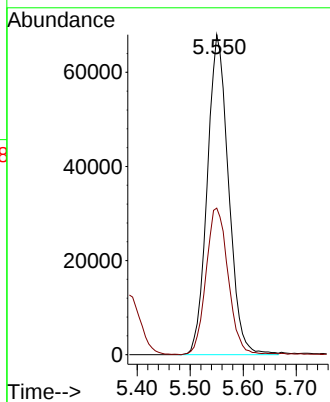
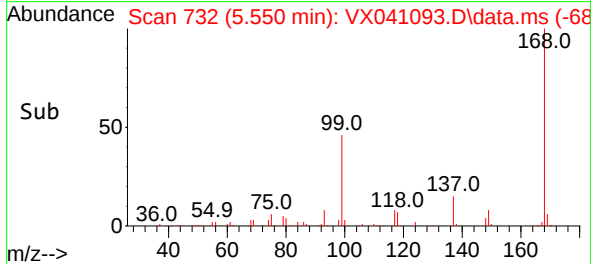
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 18953
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0

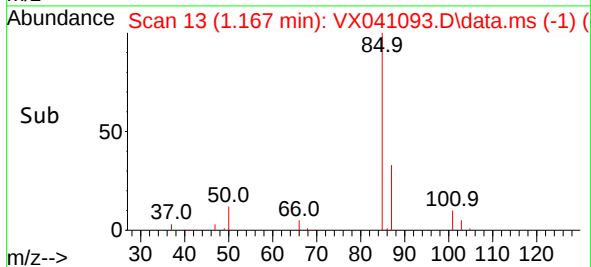
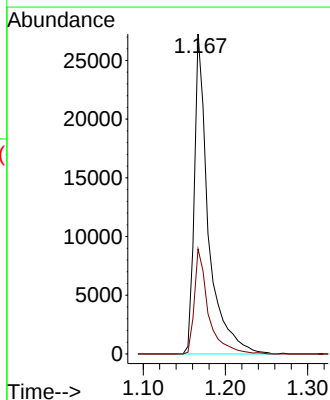
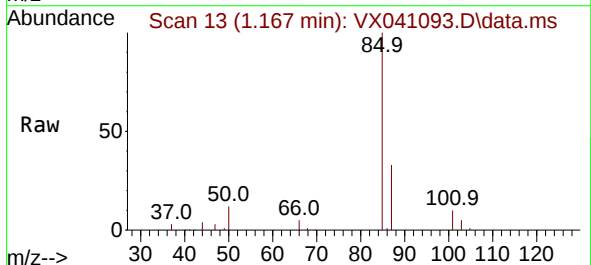
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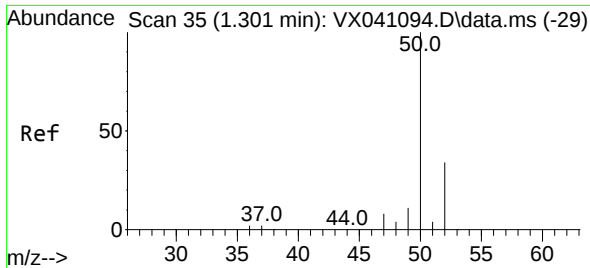
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#2
Dichlorodifluoromethane
Concen: 21.572 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

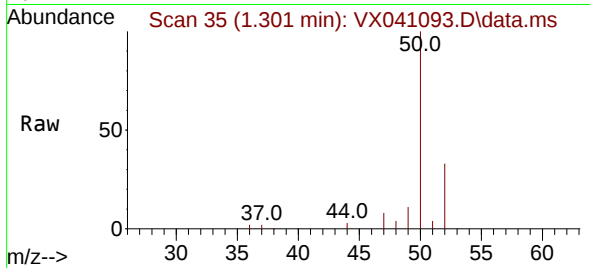
Tgt Ion: 85 Resp: 32430
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 22.611 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

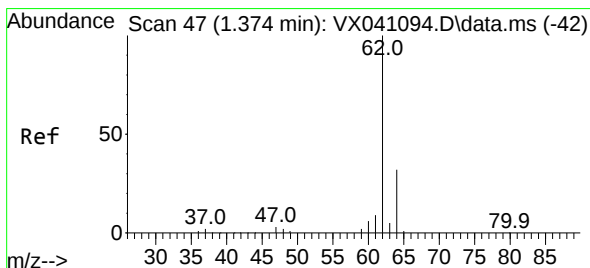
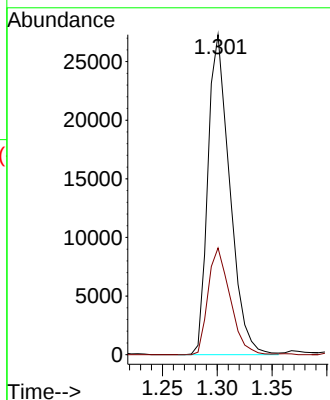
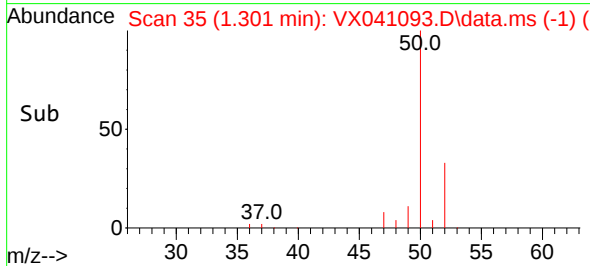
Instrument :
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Tgt Ion: 50 Resp: 37778
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

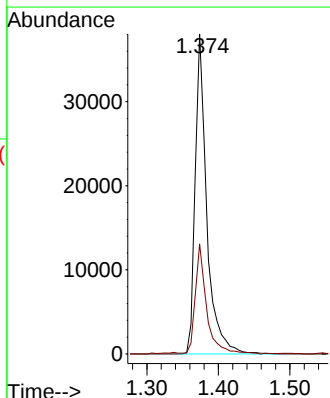
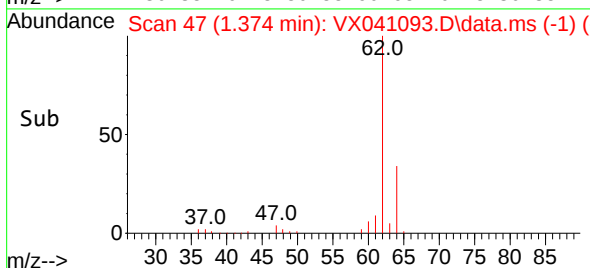
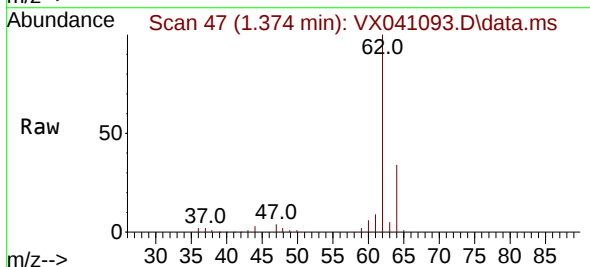
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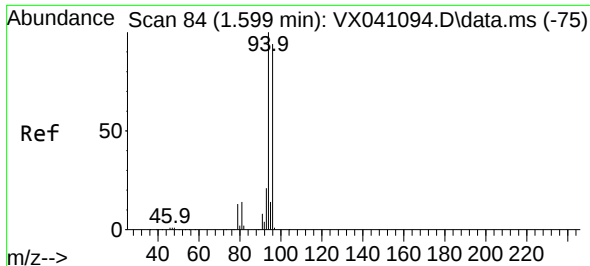
Reviewed By :John Carlone 04/17/2024
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#4
Vinyl Chloride
Concen: 22.326 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

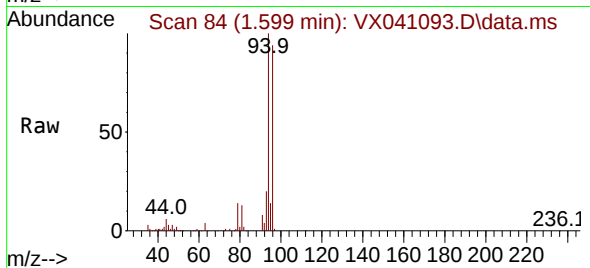
Tgt Ion: 62 Resp: 42752
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5
Bromomethane
Concen: 22.165 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

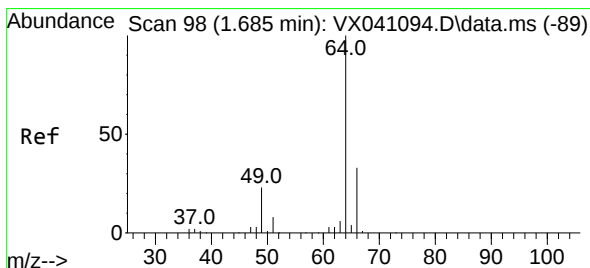
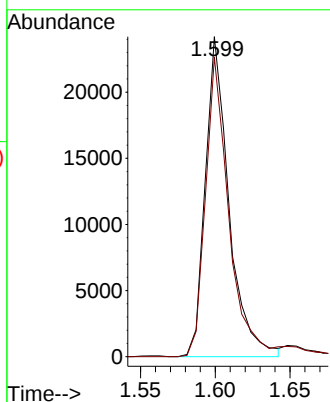
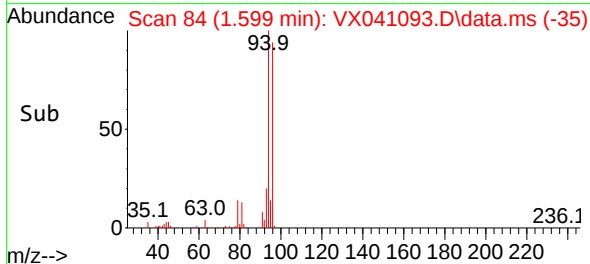
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Tgt Ion: 94 Resp: 26610
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

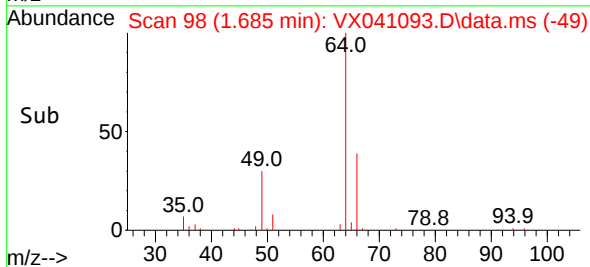
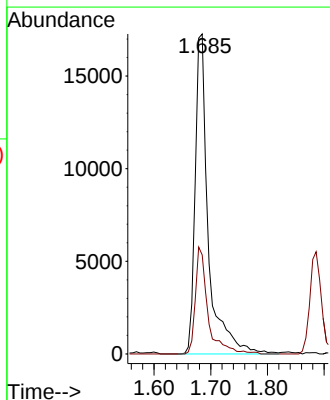
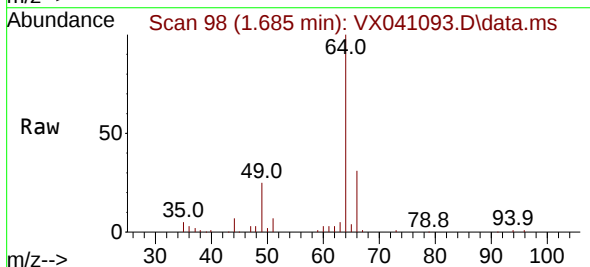
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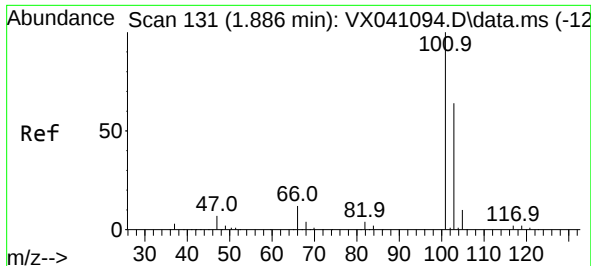
Reviewed By :John Carlone 04/17/2024
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#6
Chloroethane
Concen: 22.082 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

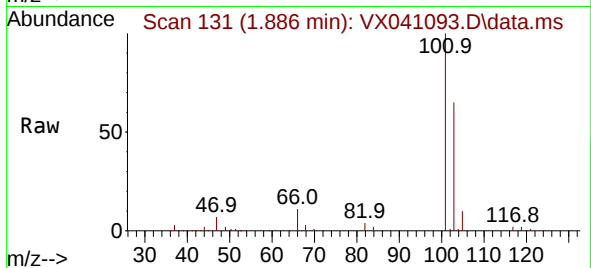
Tgt Ion: 64 Resp: 27911
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 22.761 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041093.D
 Acq: 16 Apr 2024 10:11

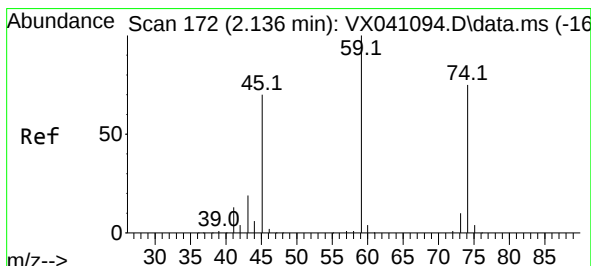
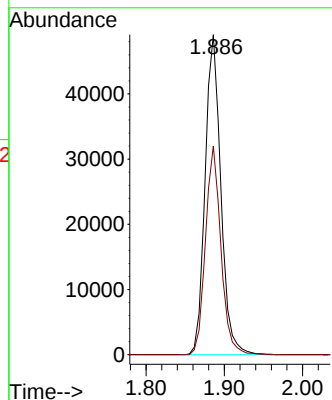
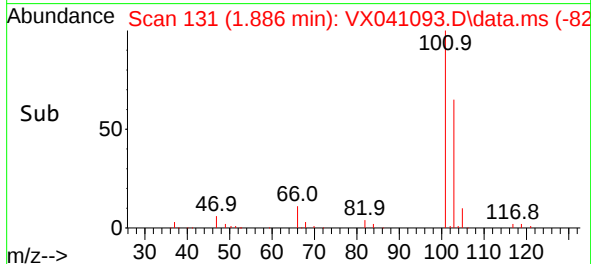
Instrument :
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Tgt Ion:101 Resp: 6841
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2

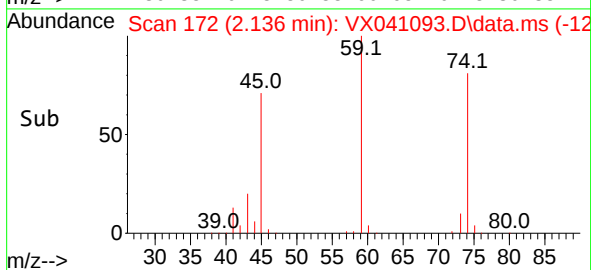
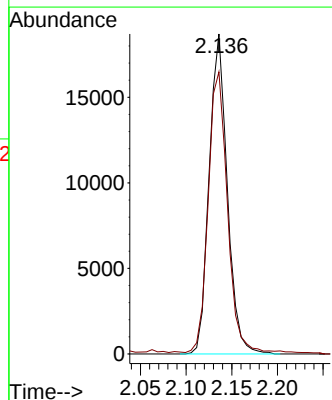
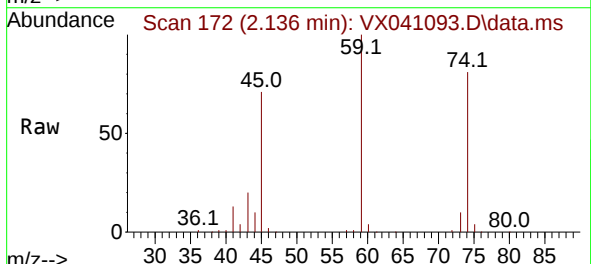
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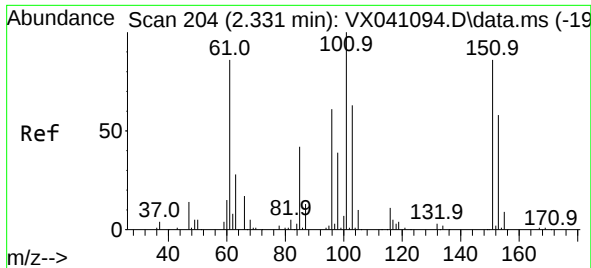
Reviewed By :John Carlone 04/17/2024
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#8
 Diethyl Ether
 Concen: 21.876 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 25803
 Ion Ratio Lower Upper
 74 100
 45 95.3 53.3 159.8





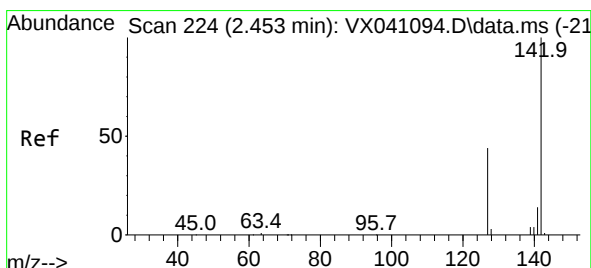
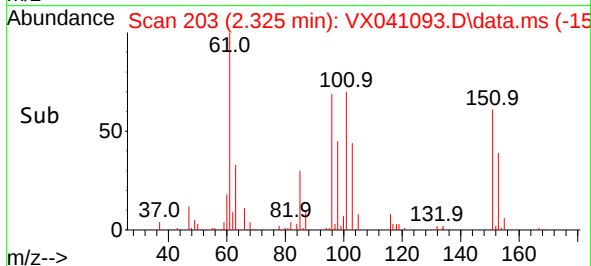
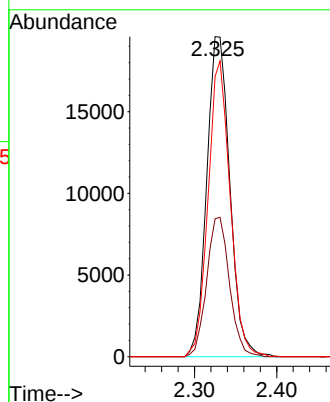
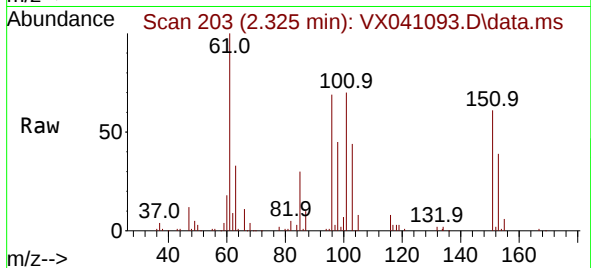
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.843 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3816
Ion Ratio Lower Upper
101 100
85 43.0 37.0 55.6
151 88.5 58.6 87.8

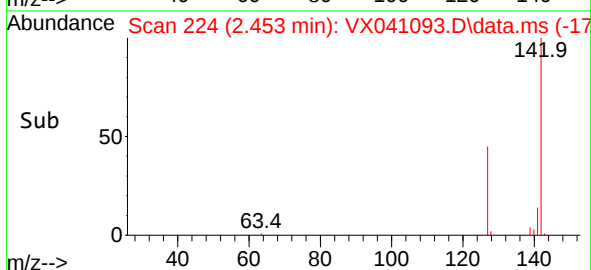
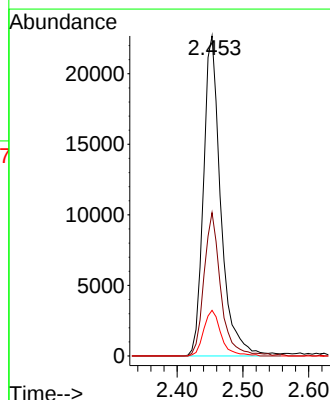
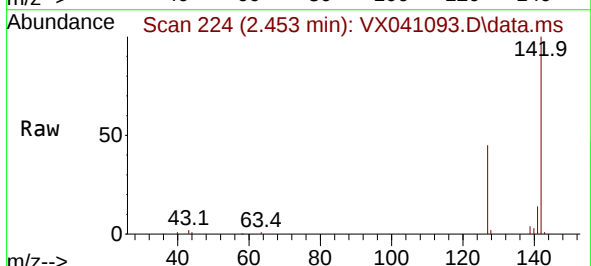
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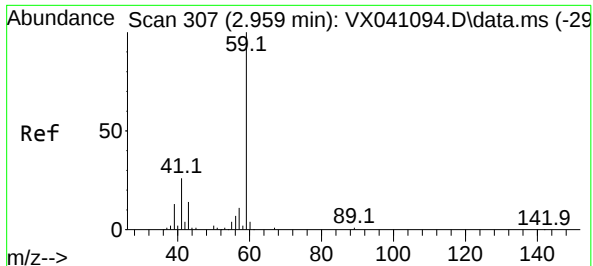
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#10
Methyl Iodide
Concen: 22.707 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion:142 Resp: 41680
Ion Ratio Lower Upper
142 100
127 43.2 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 104.834 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 4196

Ion Ratio Lower Upper

59 100

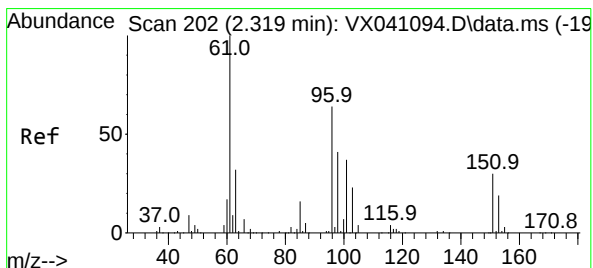
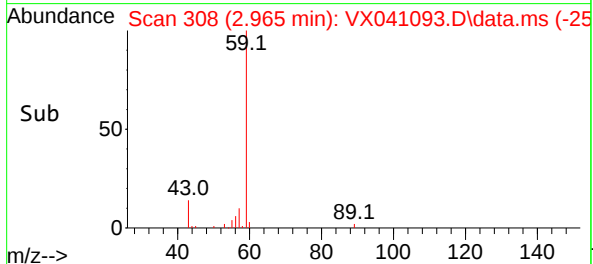
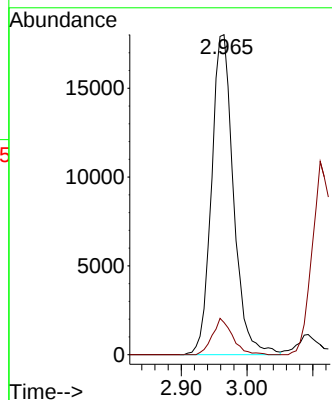
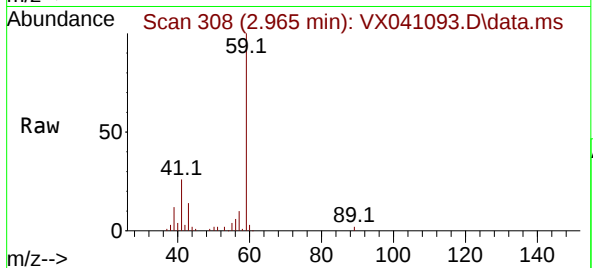
57 10.4 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#12

1,1-Dichloroethene

Concen: 21.896 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

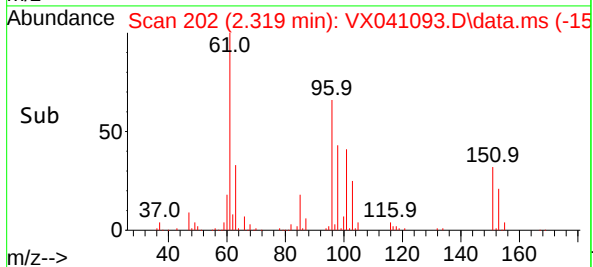
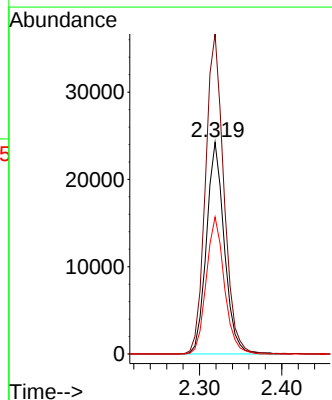
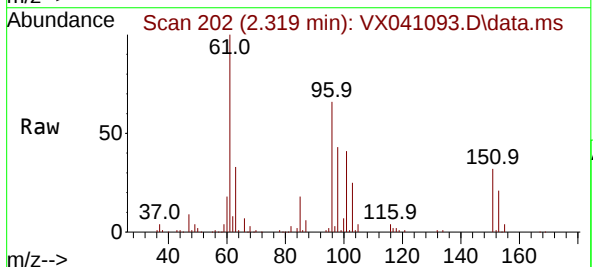
Tgt Ion: 96 Resp: 36628

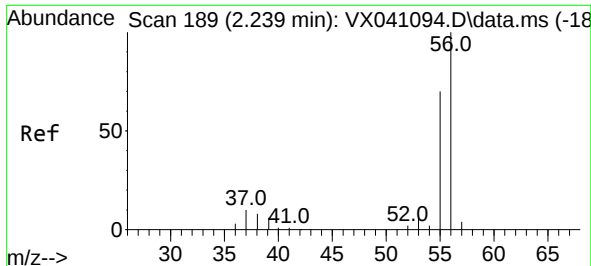
Ion Ratio Lower Upper

96 100

61 151.2 144.6 216.8

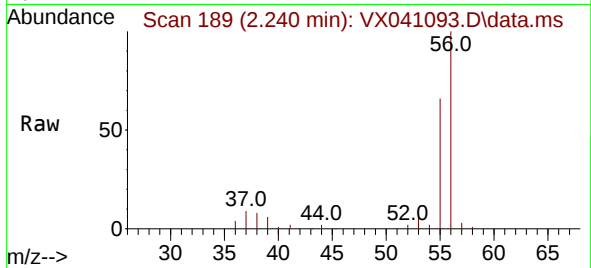
98 64.7 50.4 75.6





#13
Acrolein
Concen: 103.765 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

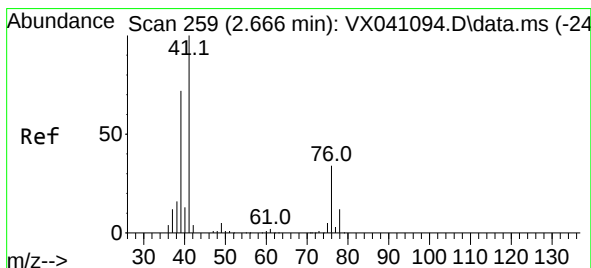
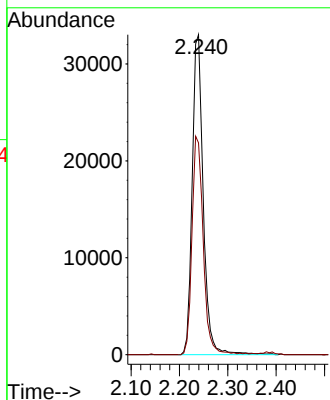
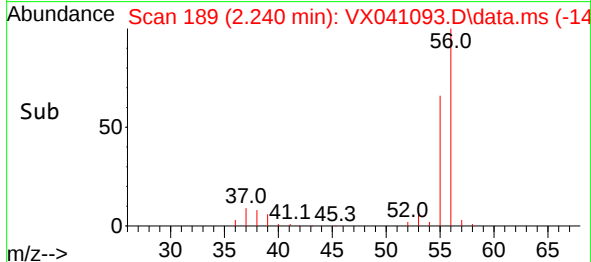
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 5224
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

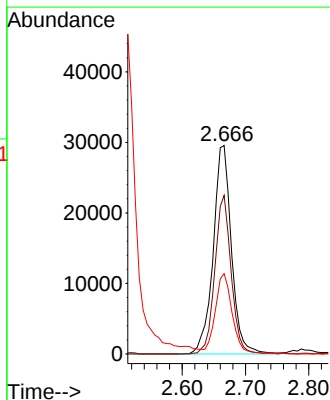
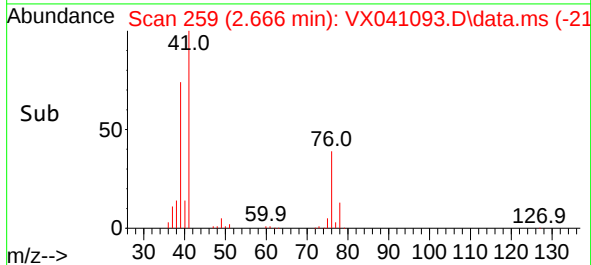
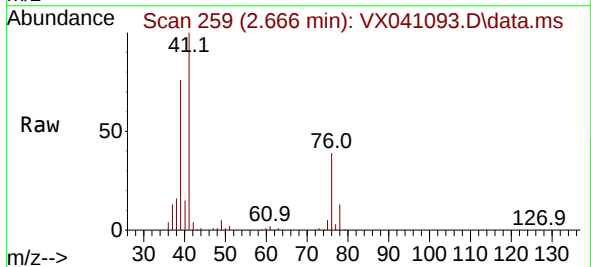
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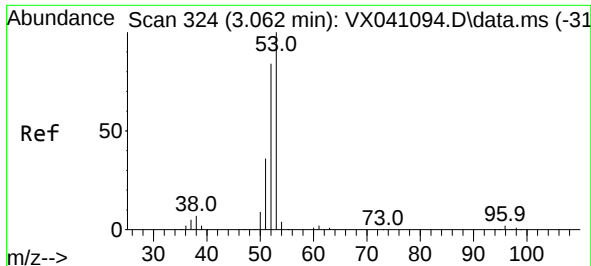
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#14
Allyl chloride
Concen: 21.968 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 41 Resp: 59433
Ion Ratio Lower Upper
41 100
39 68.0 55.8 83.6
76 35.7 24.3 36.5





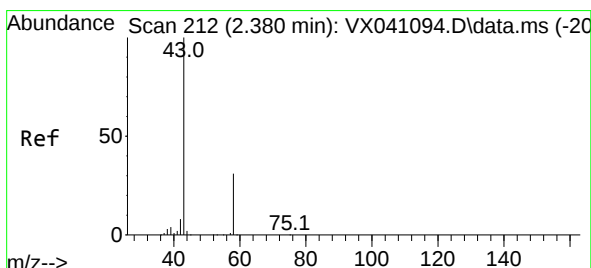
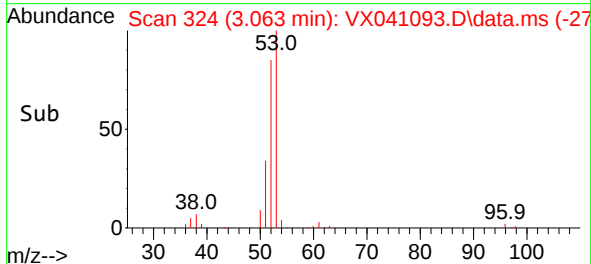
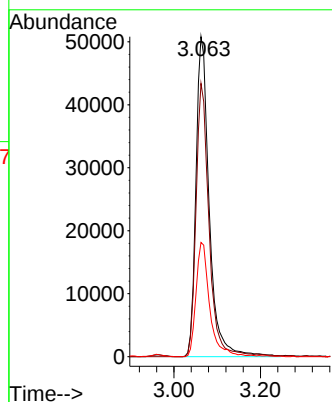
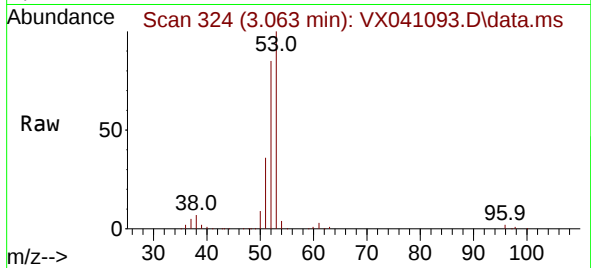
#15
Acrylonitrile
Concen: 109.474 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 10850
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.8 29.8 44.6

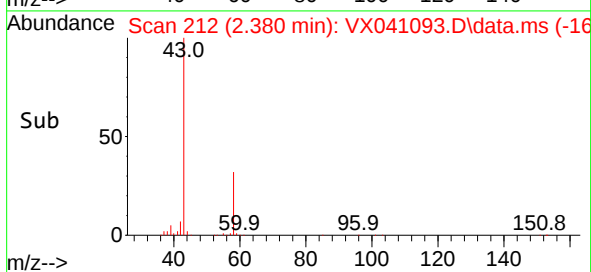
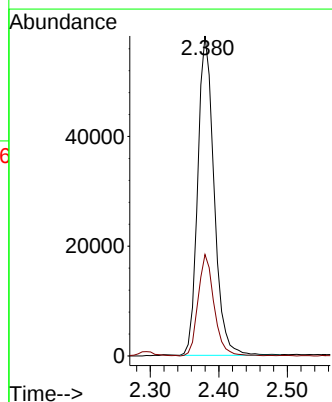
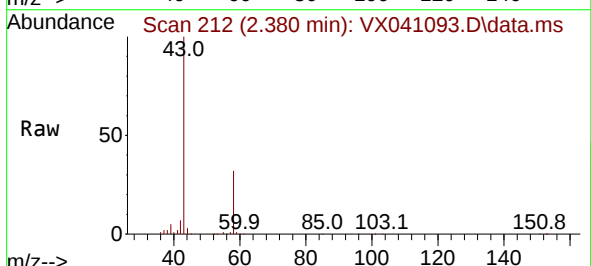
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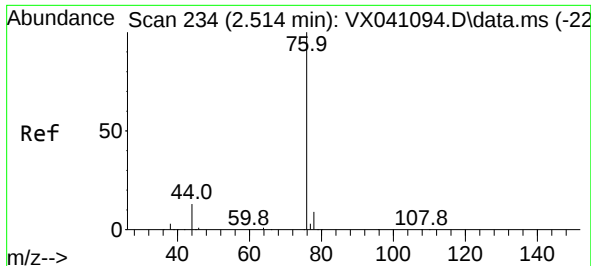
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#16
Acetone
Concen: 112.514 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 43 Resp: 96773
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





#17

Carbon Disulfide

Concen: 22.366 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 8516

Ion Ratio Lower Upper

76 100

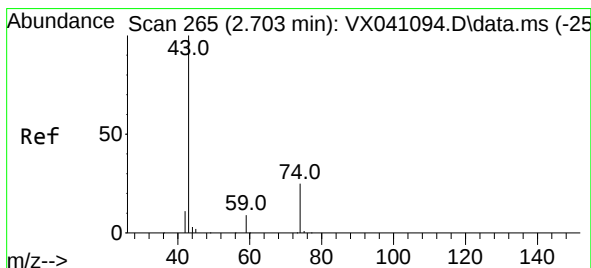
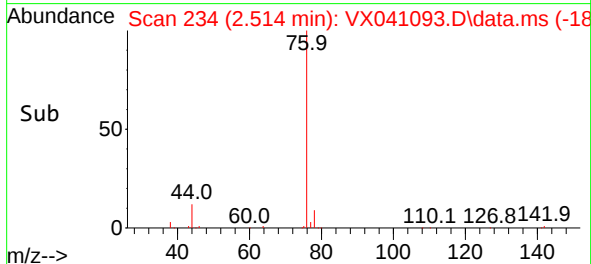
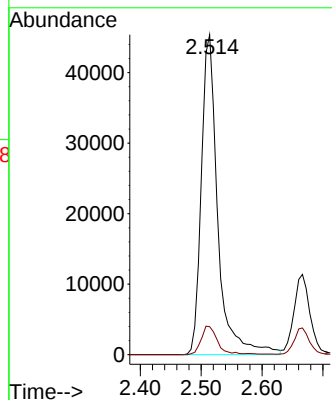
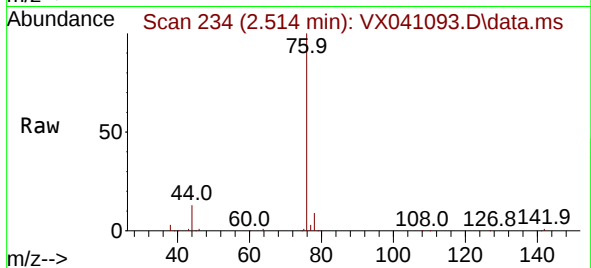
78 8.7 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#18

Methyl Acetate

Concen: 21.902 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX041093.D

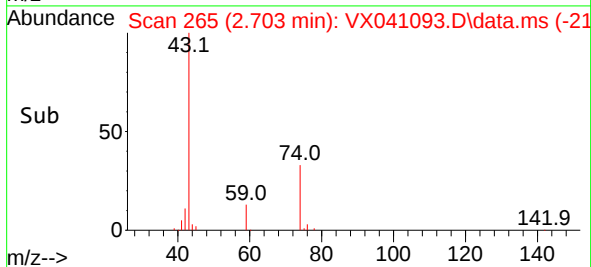
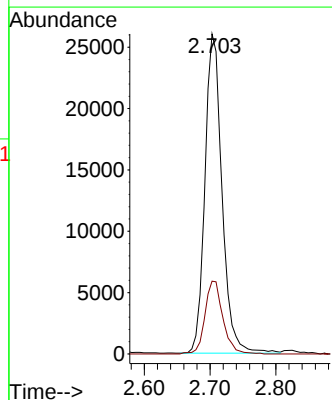
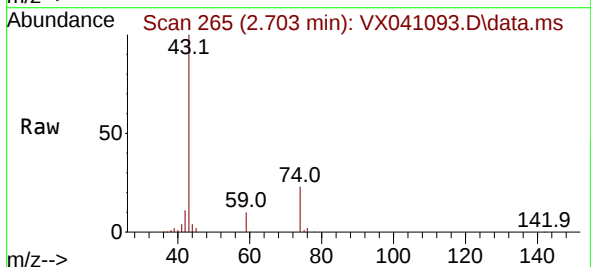
Acq: 16 Apr 2024 10:11

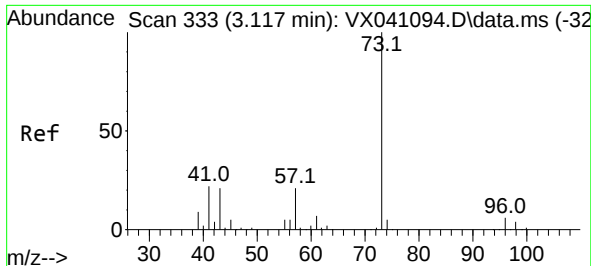
Tgt Ion: 43 Resp: 47030

Ion Ratio Lower Upper

43 100

74 24.0 17.8 26.8





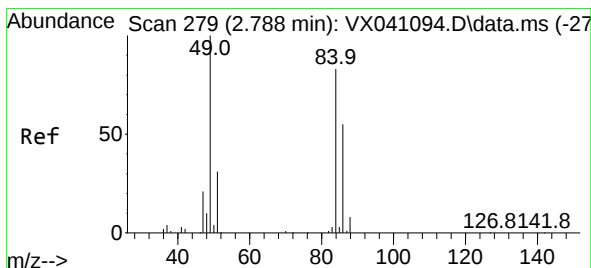
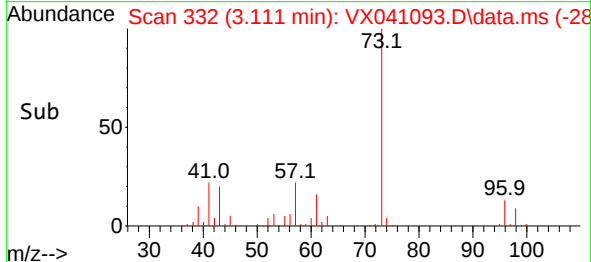
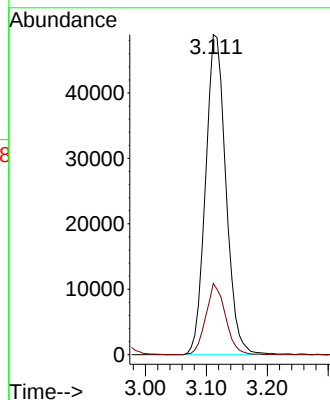
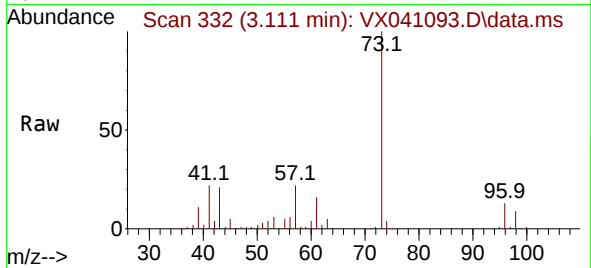
#19
Methyl tert-butyl Ether
Concen: 21.985 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 113670
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

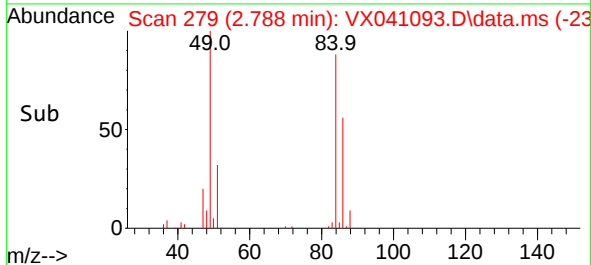
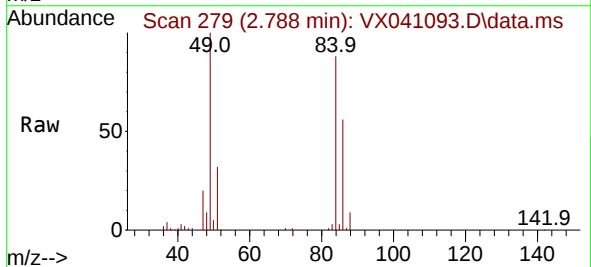
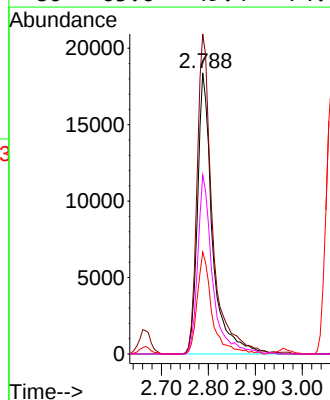
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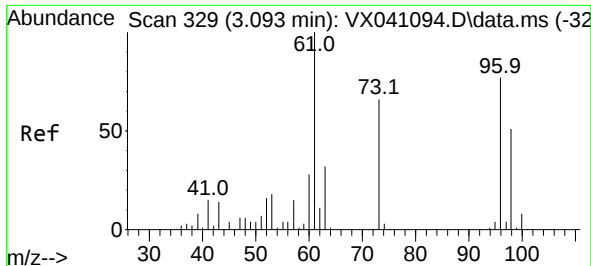
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#20
Methylene Chloride
Concen: 22.199 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

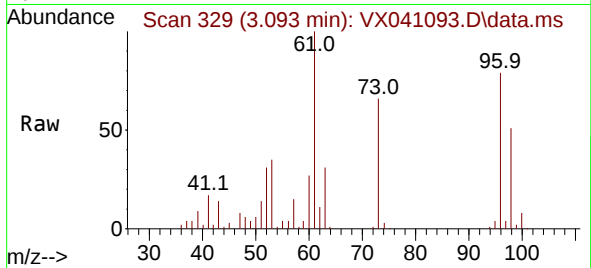
Tgt Ion: 84 Resp: 40742
Ion Ratio Lower Upper
84 100
49 113.8 103.6 155.4
51 36.2 33.8 50.6
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 22.227 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

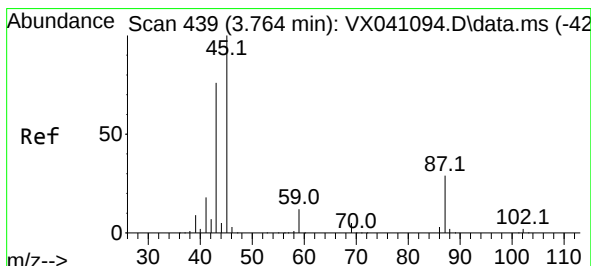
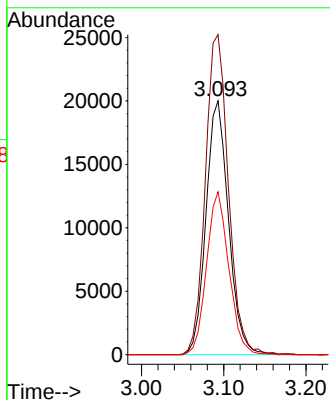
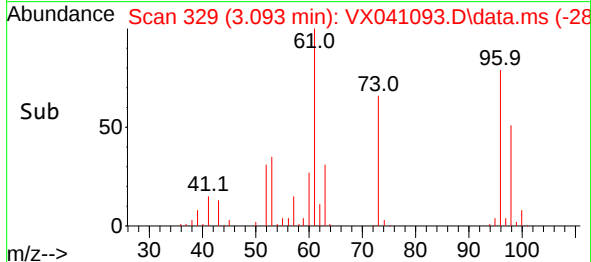
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



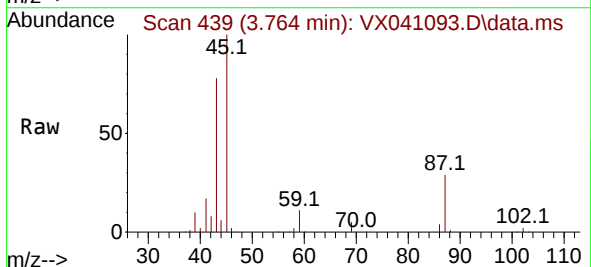
Tgt Ion: 96 Resp: 38140
Ion Ratio Lower Upper
96 100
61 126.1 119.2 178.8
98 64.2 48.7 73.1

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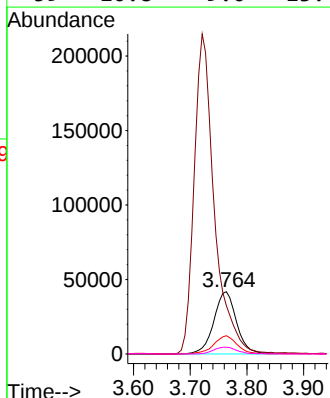
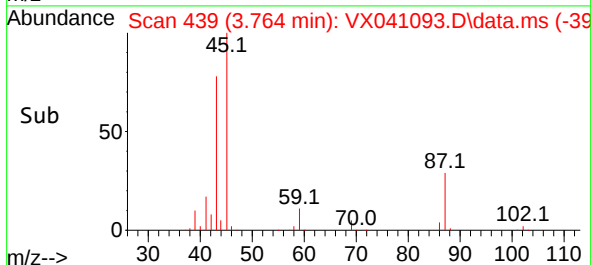
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

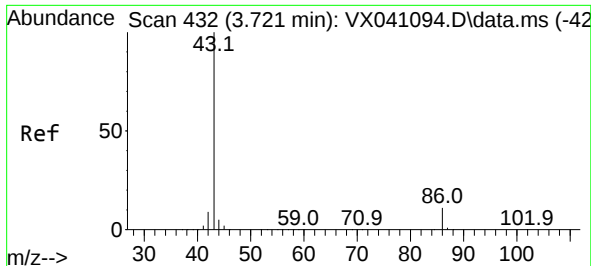


#22
Diisopropyl ether
Concen: 22.459 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11



Tgt Ion: 45 Resp: 116360
Ion Ratio Lower Upper
45 100
43 76.4 69.7 104.5
87 29.3 20.8 31.2
59 10.8 9.0 13.4





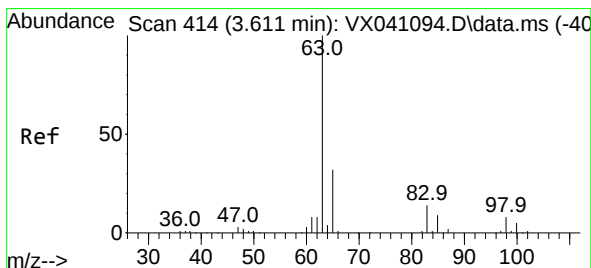
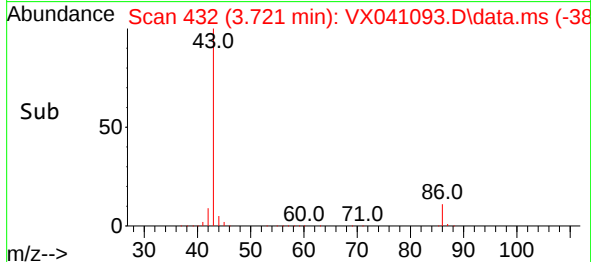
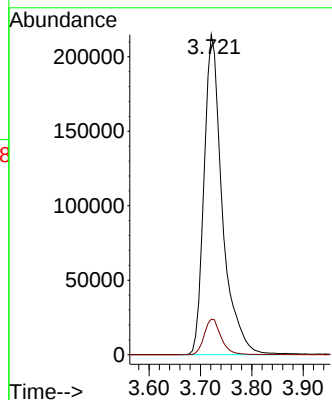
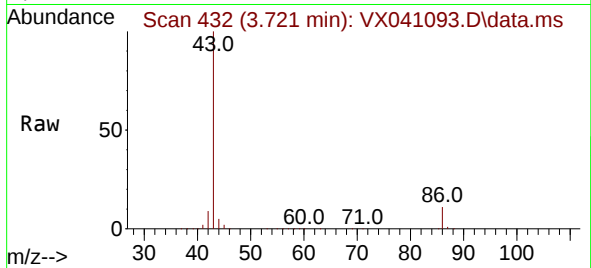
#23
 Vinyl Acetate
 Concen: 113.192 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041093.D
 Acq: 16 Apr 2024 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 531484
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

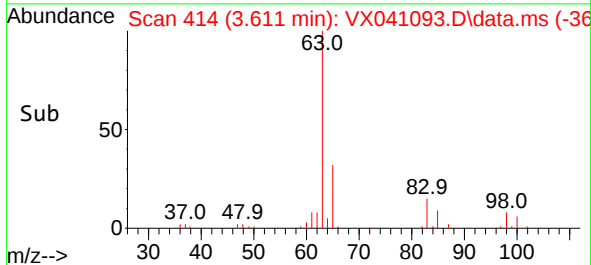
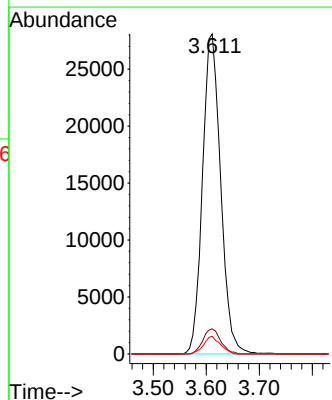
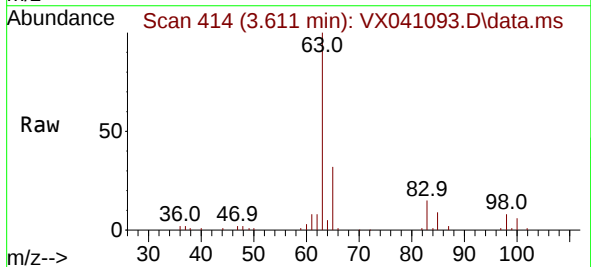
Manual Integrations
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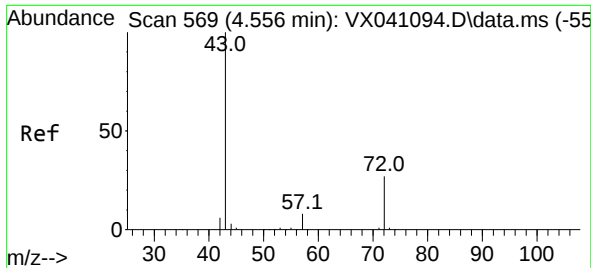
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#24
 1,1-Dichloroethane
 Concen: 22.043 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX041093.D
 Acq: 16 Apr 2024 10:11

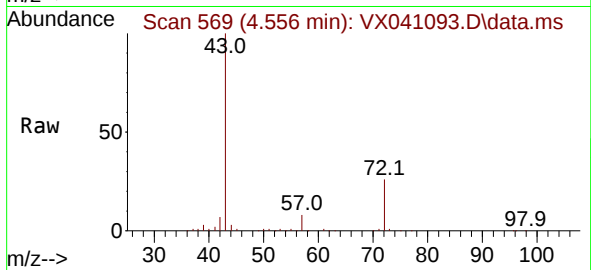
Tgt Ion: 63 Resp: 66866
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.6 2.1 6.5





#25
2-Butanone
Concen: 111.265 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

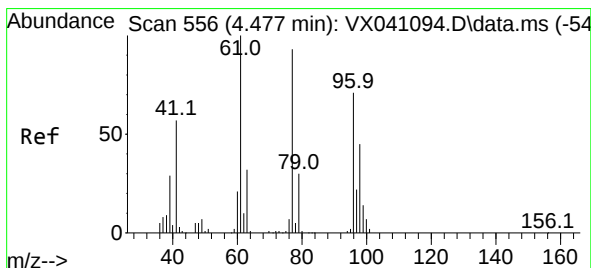
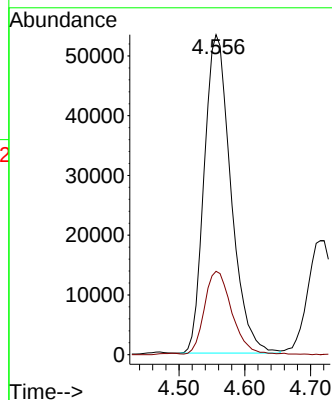
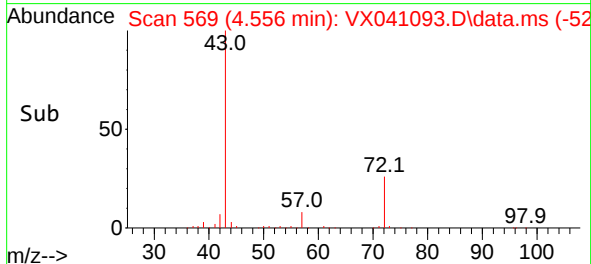
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 150360
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

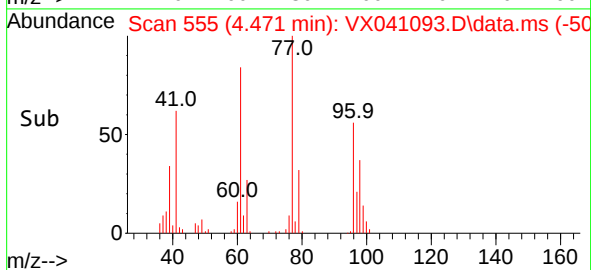
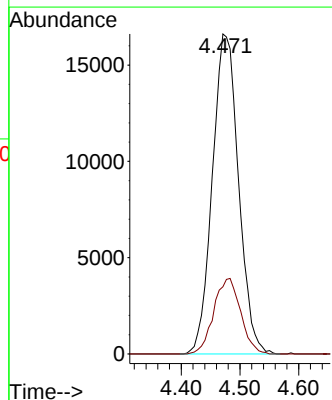
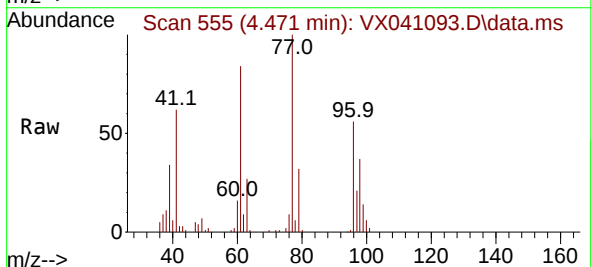
Manual Integrations
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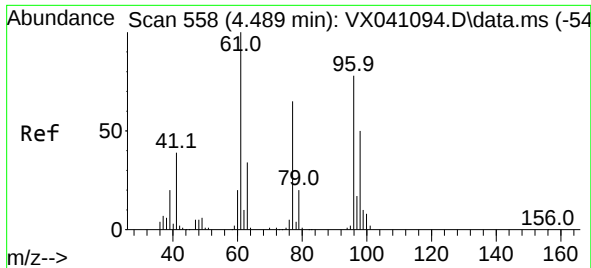
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#26
2,2-Dichloropropane
Concen: 21.368 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 77 Resp: 51451
Ion Ratio Lower Upper
77 100
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 22.415 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 4646

Ion Ratio Lower Upper

96 100

61 133.6 0.0 312.2

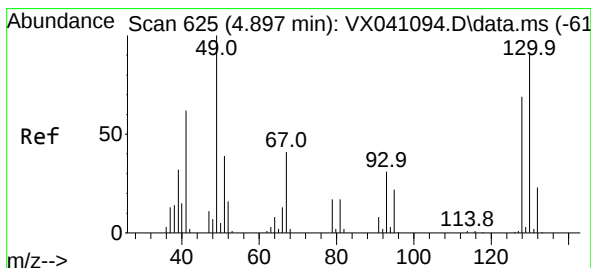
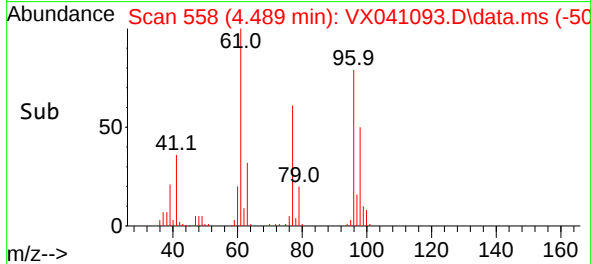
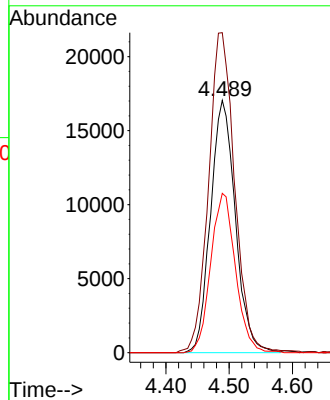
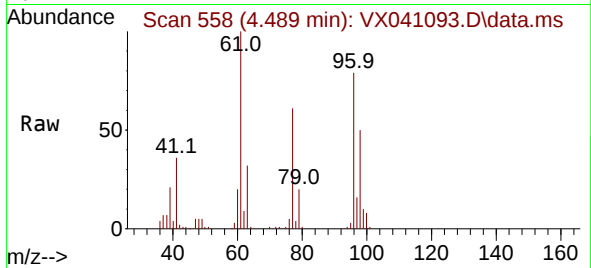
98 63.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#28

Bromochloromethane

Concen: 20.020 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

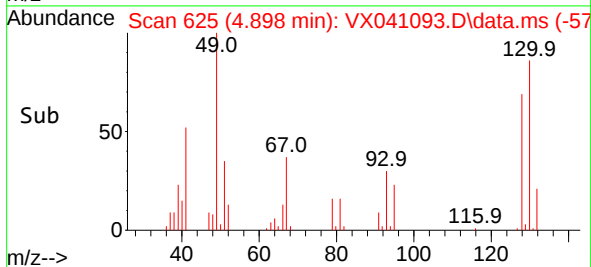
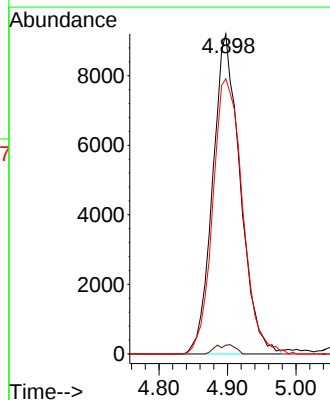
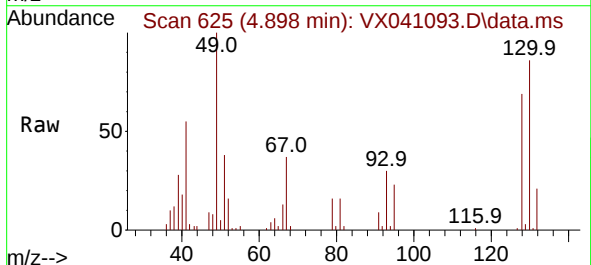
Tgt Ion: 49 Resp: 25587

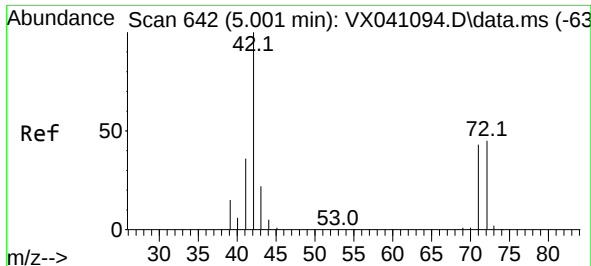
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 93.1 57.5 86.3#





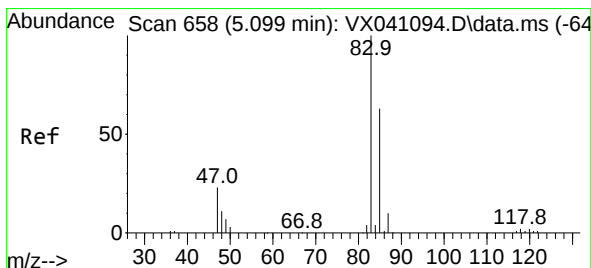
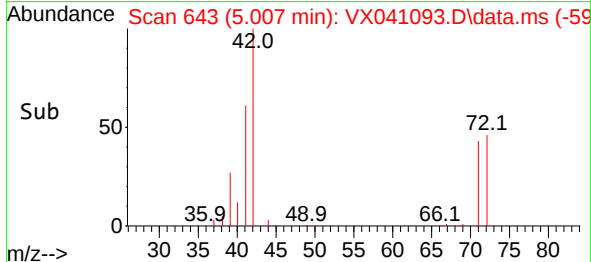
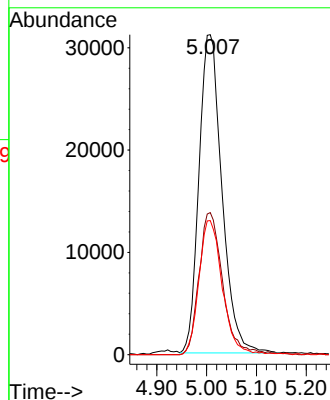
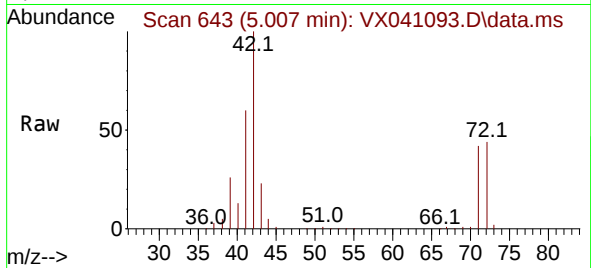
#29
Tetrahydrofuran
Concen: 111.176 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 9946
Ion Ratio Lower Upper
42 100
72 46.3 34.2 51.4
71 42.9 32.2 48.2

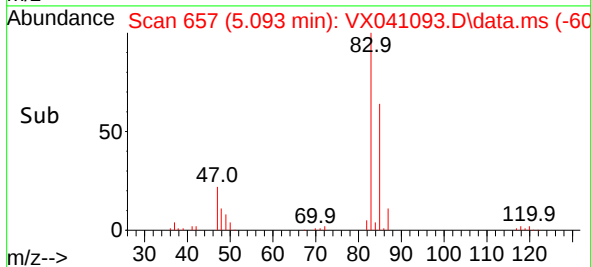
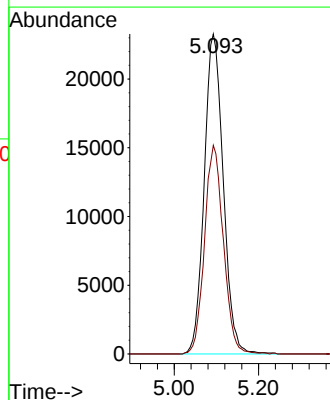
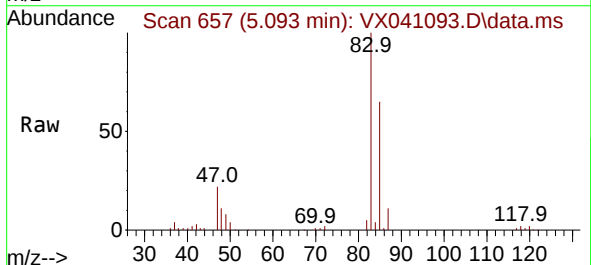
Manual Integrations
APPROVED

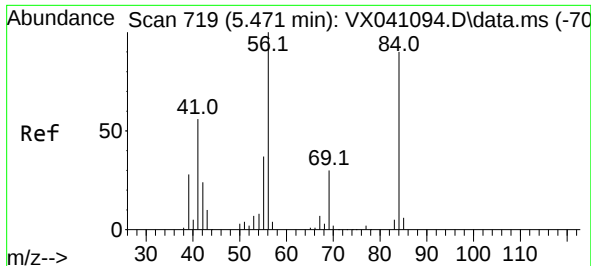
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#30
Chloroform
Concen: 22.172 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

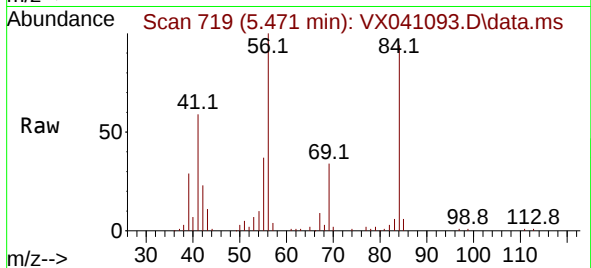
Tgt Ion: 83 Resp: 73085
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 22.367 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

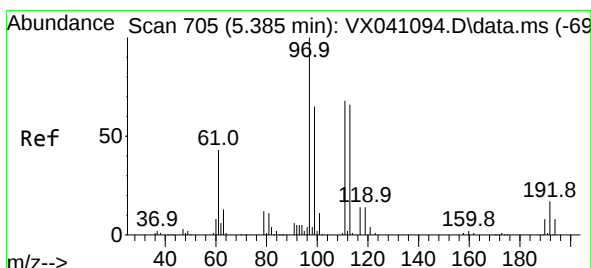
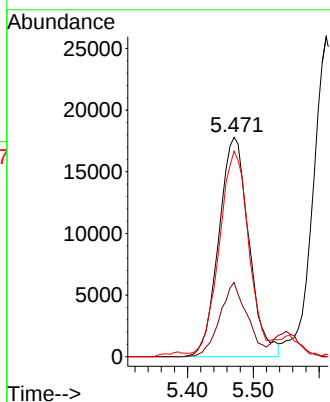
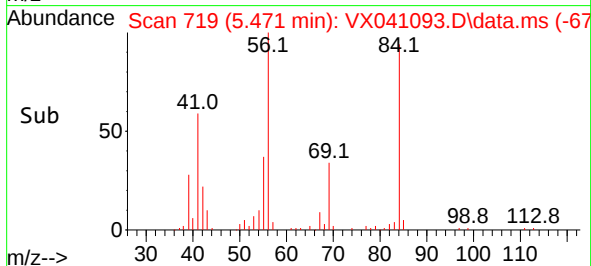
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 56698
Ion Ratio Lower Upper
56 100
69 33.8 23.4 35.2
84 91.5 65.9 98.9

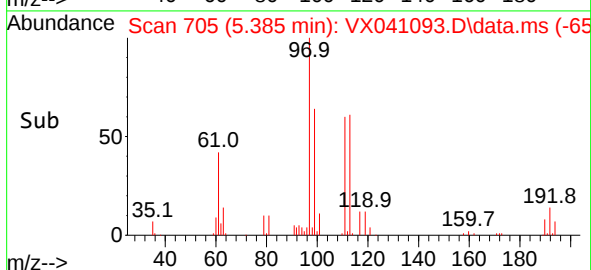
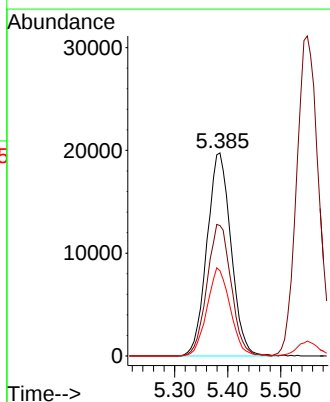
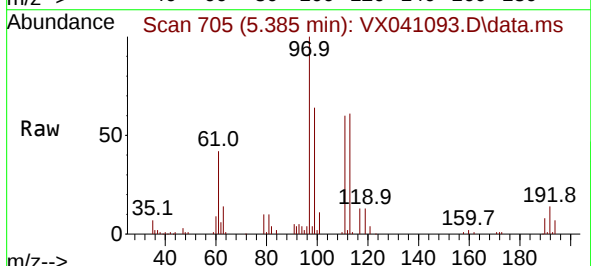
Manual Integrations
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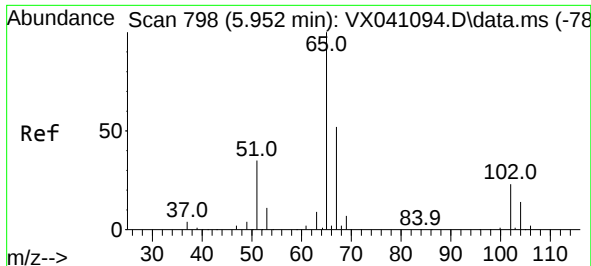
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#32
1,1,1-Trichloroethane
Concen: 21.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 97 Resp: 62141
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 42.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.207 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 41350

Ion Ratio Lower Upper

65 100

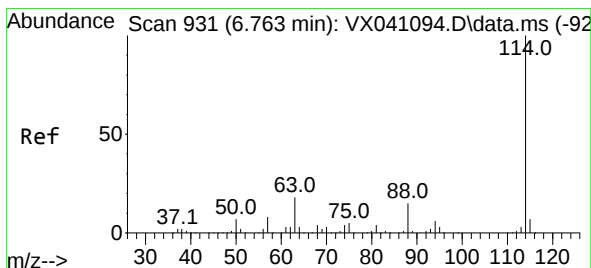
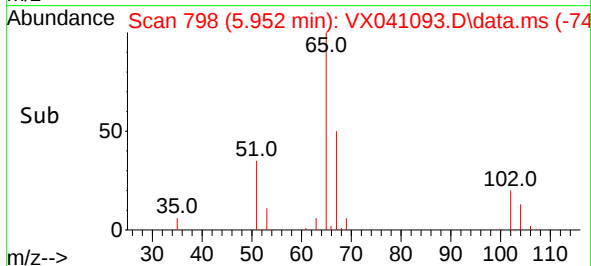
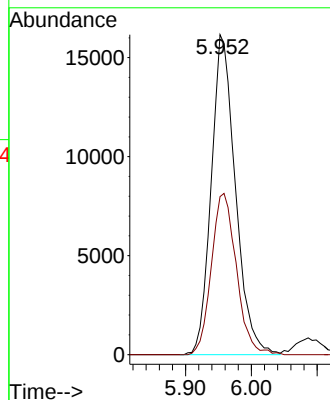
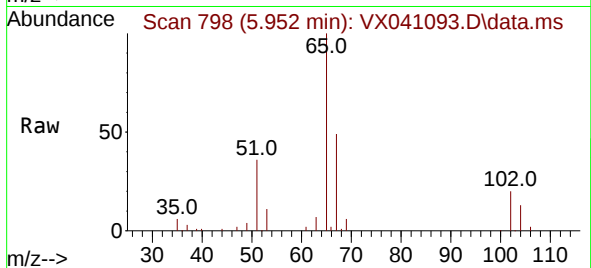
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

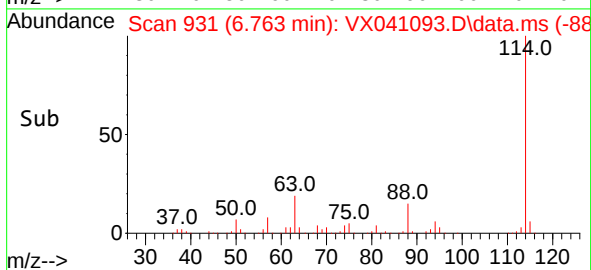
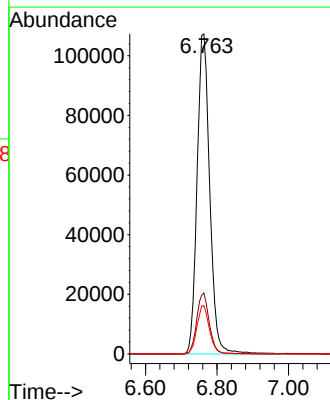
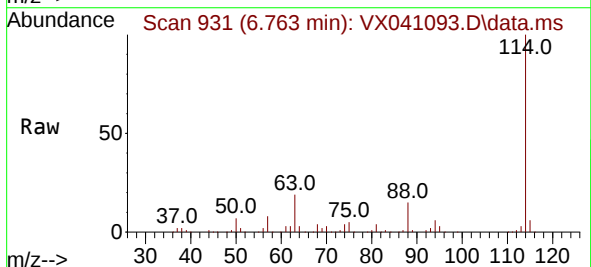
Tgt Ion:114 Resp: 263879

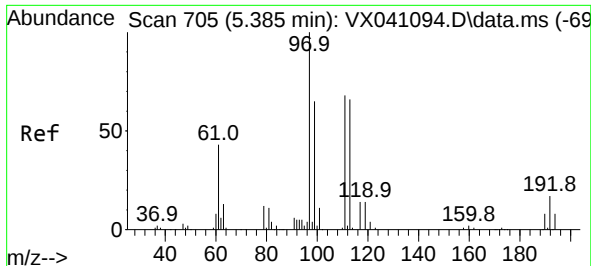
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.1 0.0 36.6





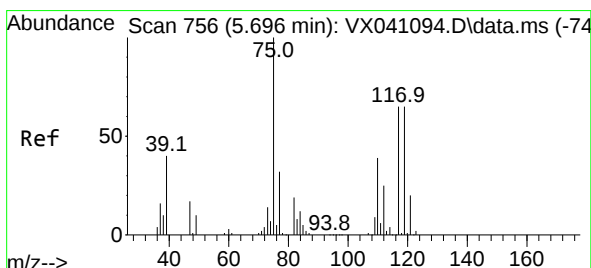
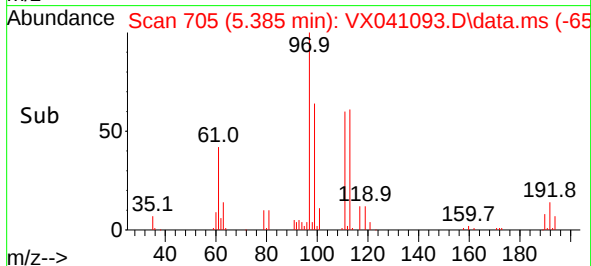
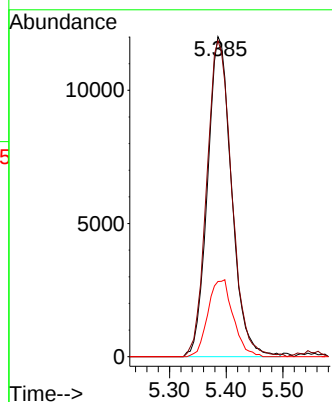
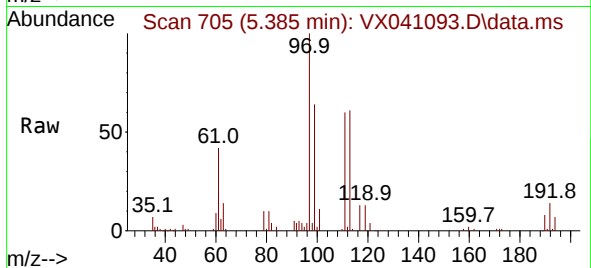
#35
Dibromofluoromethane
Concen: 20.077 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 113 Resp: 3539
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.2 13.3 19.9

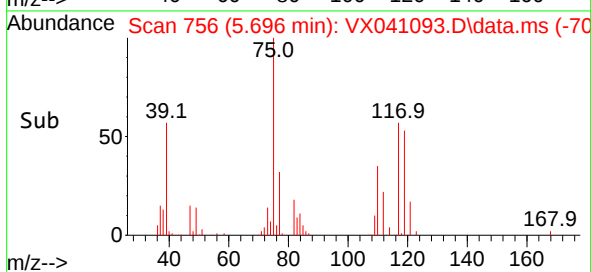
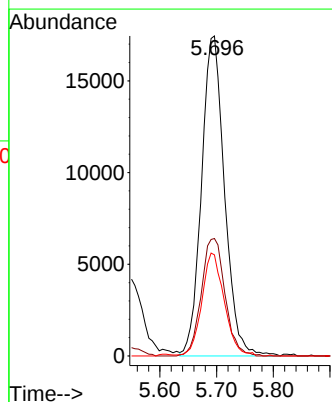
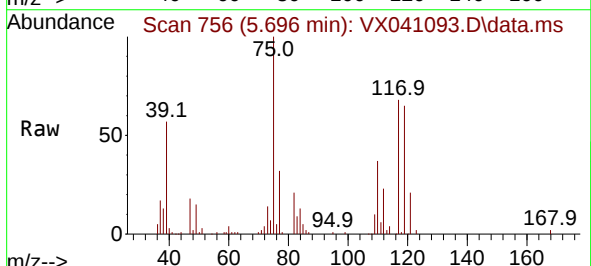
Manual Integrations
APPROVED

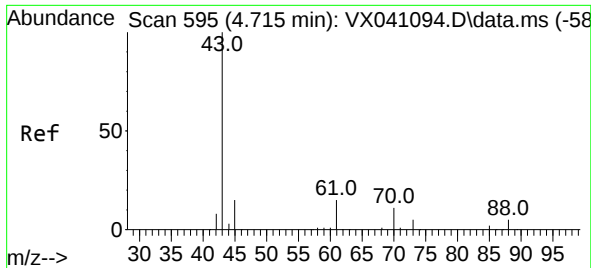
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#36
1,1-Dichloropropene
Concen: 22.075 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 75 Resp: 49266
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 31.3 24.7 37.1





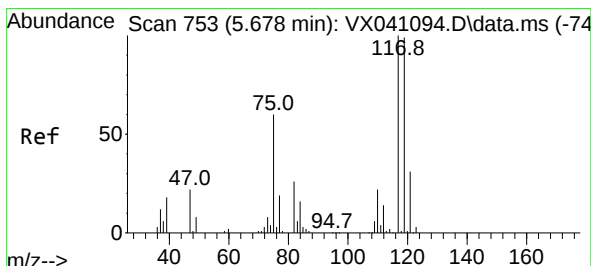
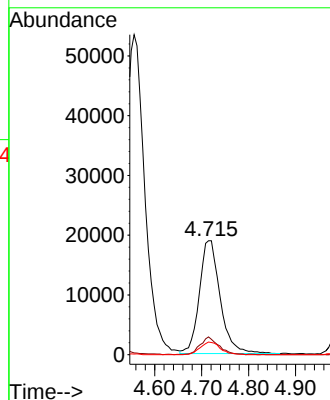
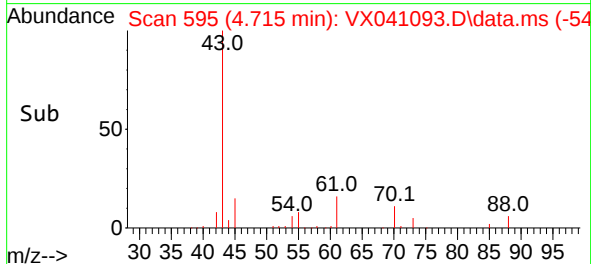
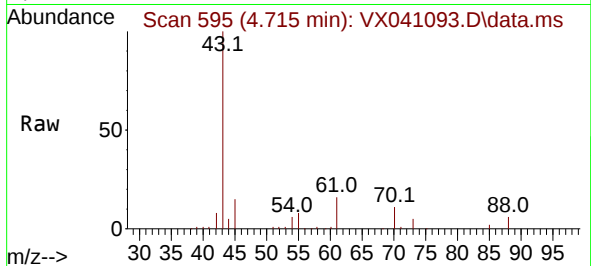
#37
Ethyl Acetate
Concen: 21.817 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 58140
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.8 8.3 12.5

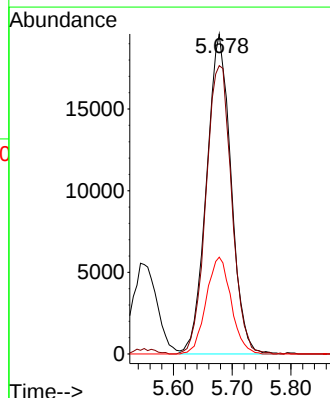
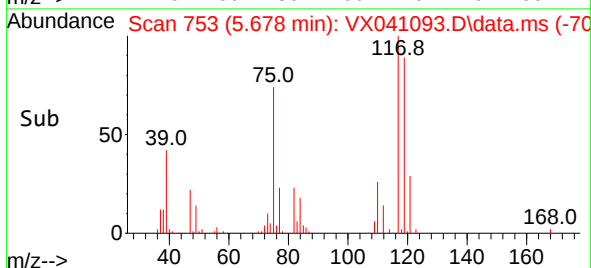
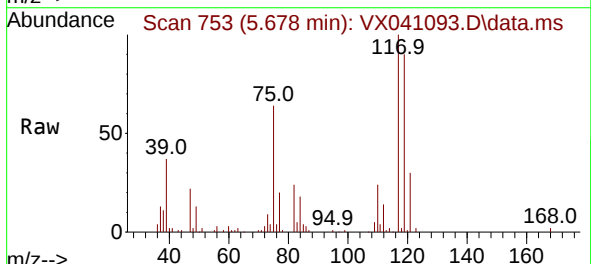
Manual Integrations
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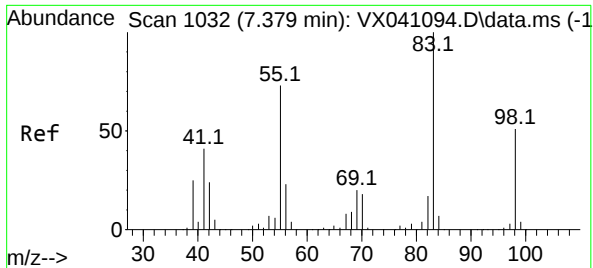
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#38
Carbon Tetrachloride
Concen: 21.932 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion:117 Resp: 56753
Ion Ratio Lower Upper
117 100
119 89.8 78.2 117.2
121 30.2 24.4 36.6





#39
Methylcyclohexane
Concen: 22.263 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

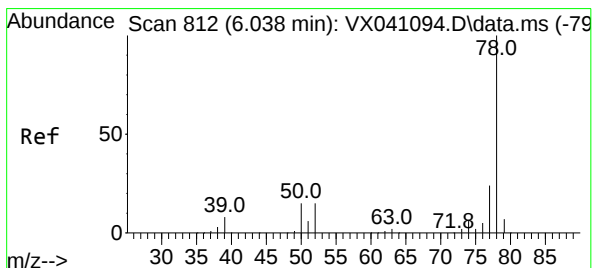
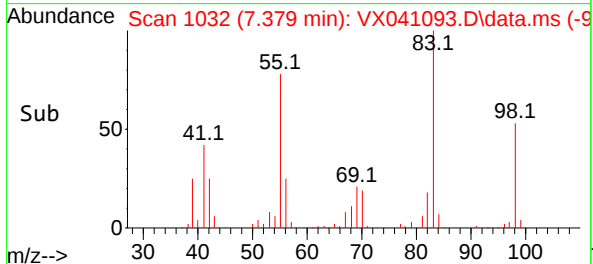
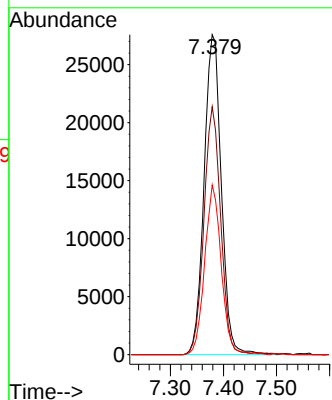
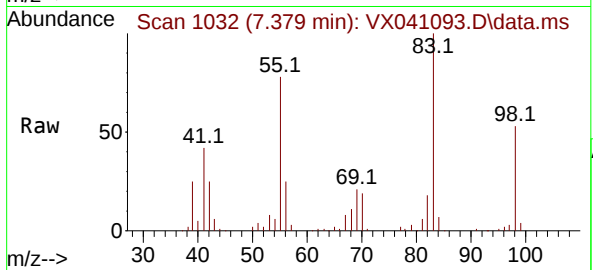
Tgt Ion: 83 Resp: 62344
Ion Ratio Lower Upper
83 100
55 77.5 64.6 97.0
98 53.1 36.7 55.1

Manual Integrations

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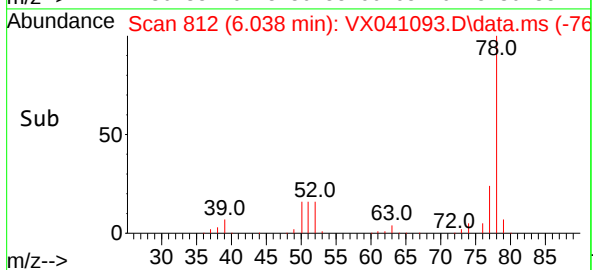
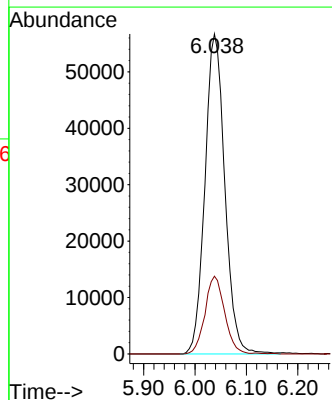
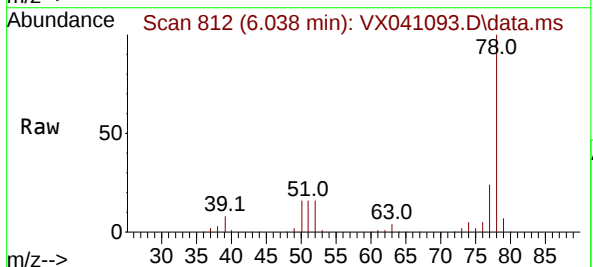
Reviewed By :John Carlone 04/17/2024

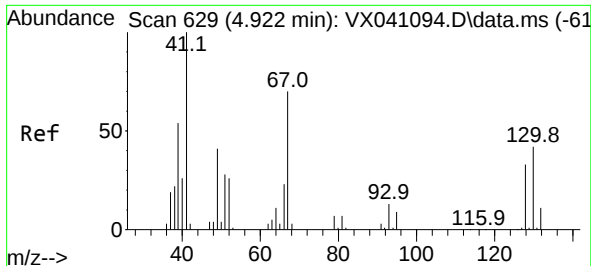
Supervised By :Mahesh Dadoda 04/17/2024



#40
Benzene
Concen: 22.357 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 78 Resp: 152305
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9





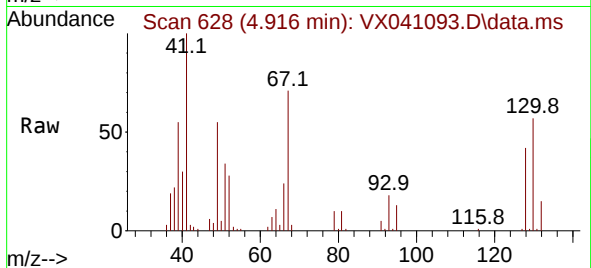
#41
Methacrylonitrile
Concen: 22.075 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



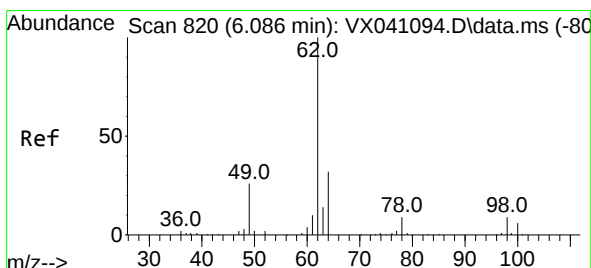
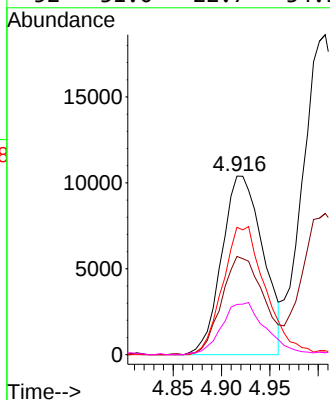
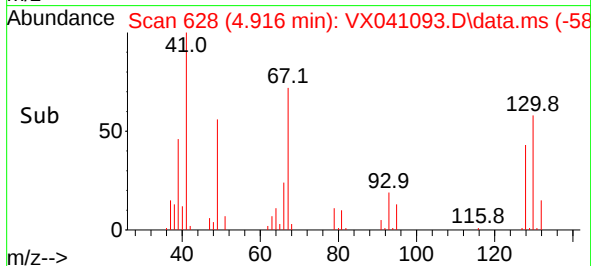
Tgt Ion: 41 Resp: 3083
Ion Ratio Lower Upper
41 100
39 57.6 45.2 67.8
67 75.3 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

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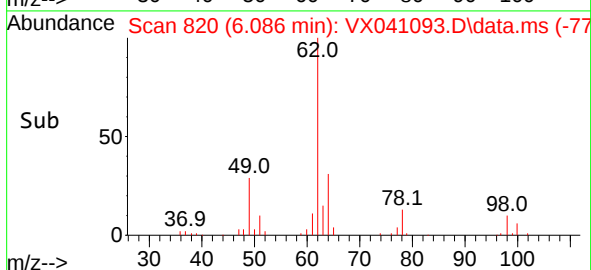
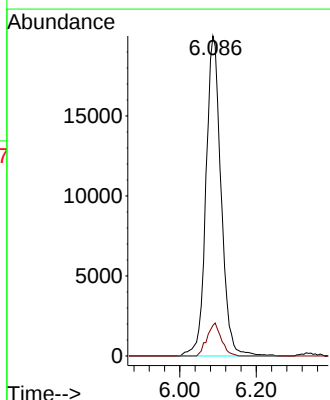
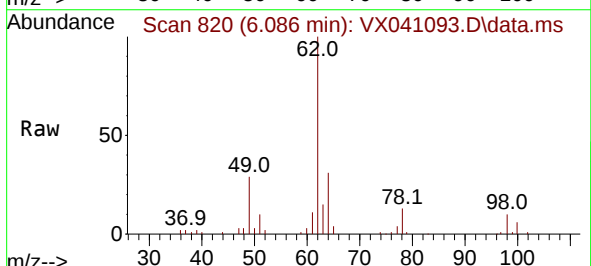
Reviewed By :John Carlone 04/17/2024

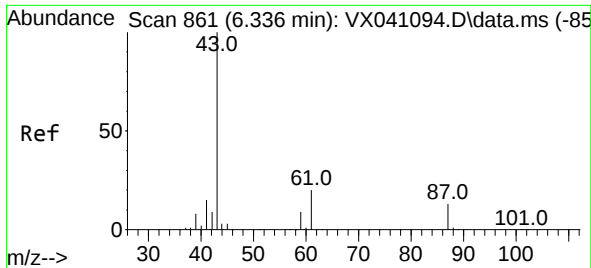
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 22.446 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 62 Resp: 54793
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.903 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

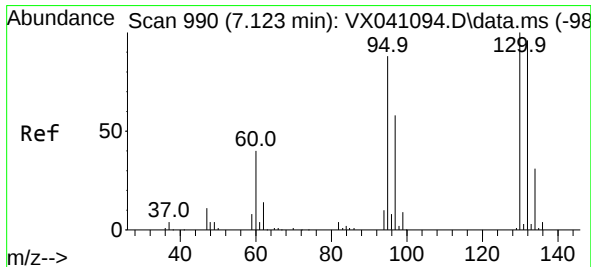
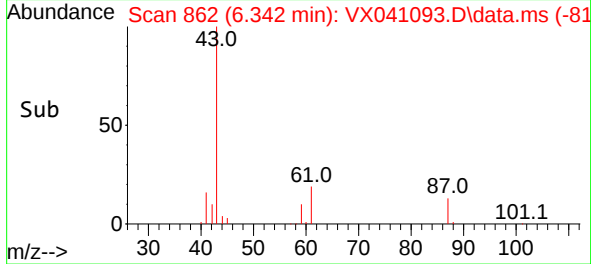
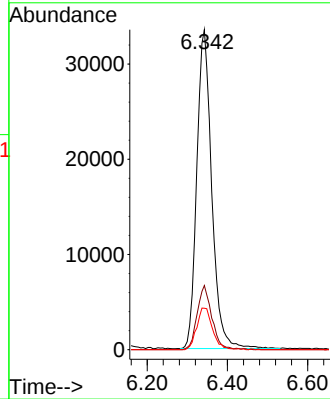
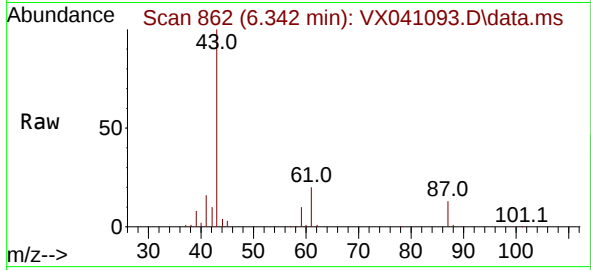
Tgt Ion: 43	Resp: 86684
Ion Ratio	Lower Upper
43 100	
61 19.9	15.2 22.8
87 13.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#44

Trichloroethene

Concen: 21.718 ug/l

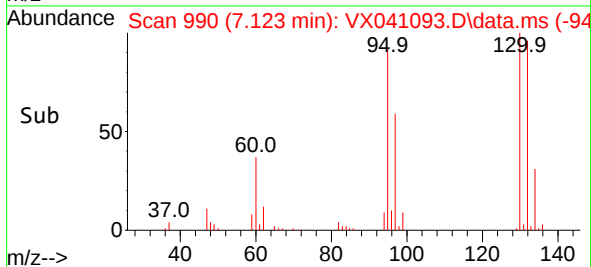
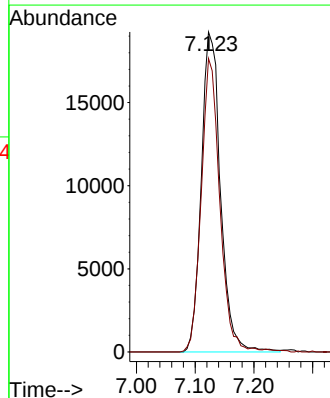
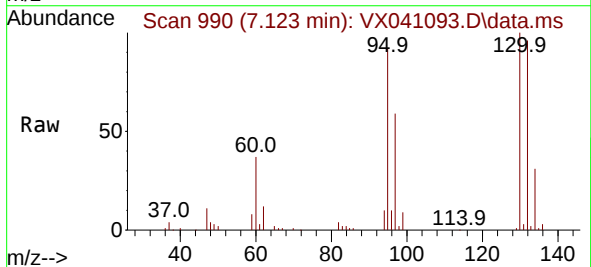
RT: 7.123 min Scan# 990

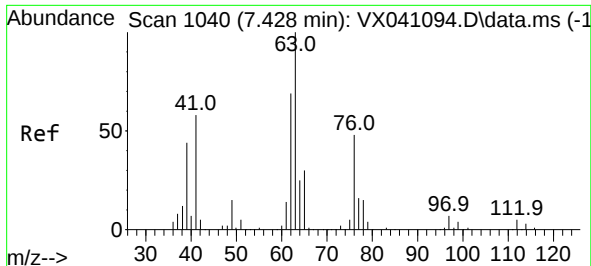
Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Tgt Ion:130	Resp: 43944
Ion Ratio	Lower Upper
130 100	
95 91.7	0.0 204.4





#45

1,2-Dichloropropane

Concen: 22.285 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3604

Ion Ratio Lower Upper

63 100

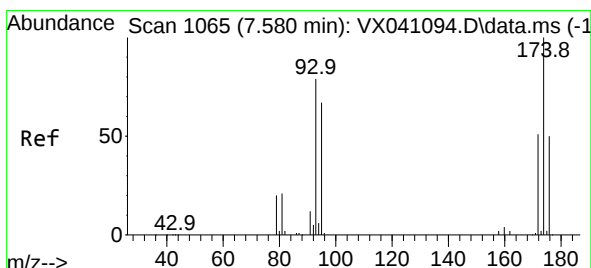
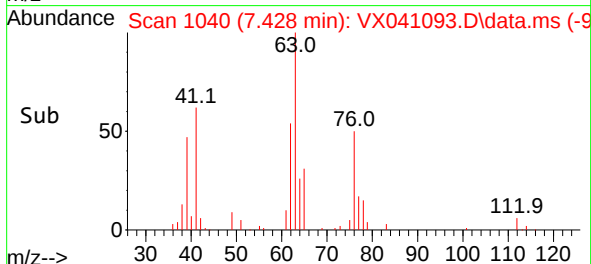
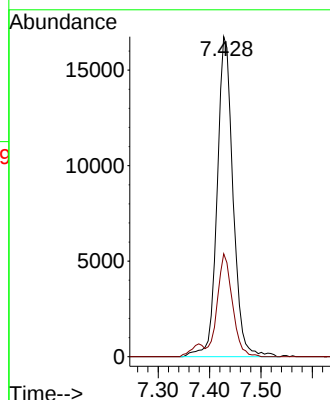
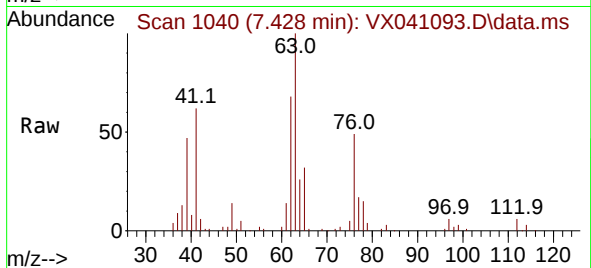
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#46

Dibromomethane

Concen: 22.487 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

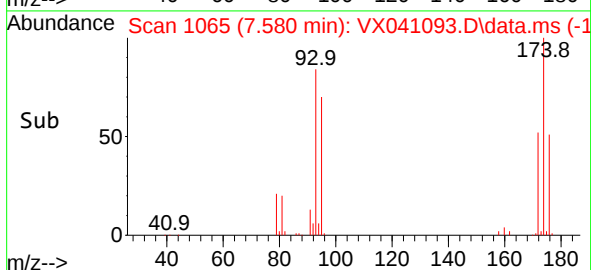
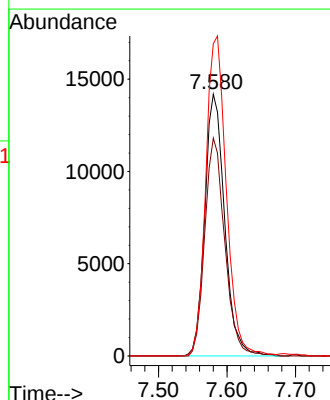
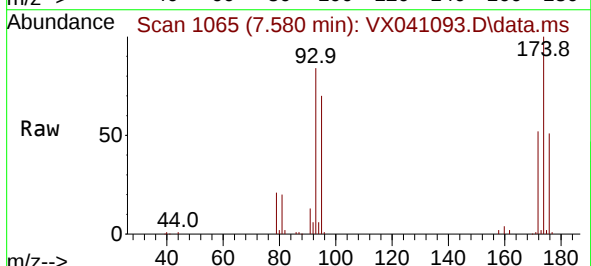
Tgt Ion: 93 Resp: 28601

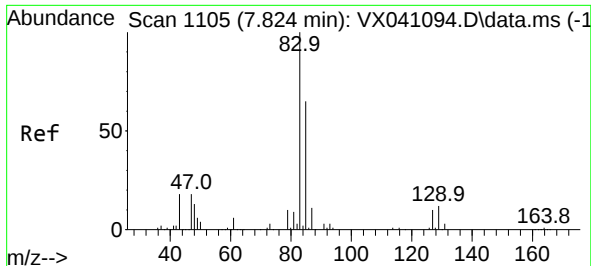
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 126.2 69.4 104.0#





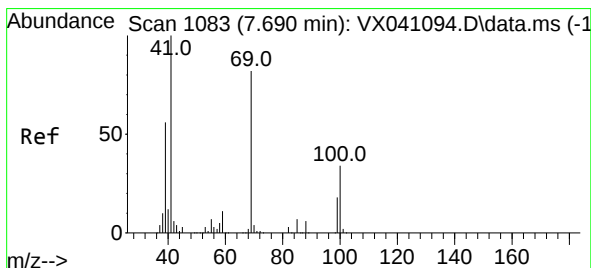
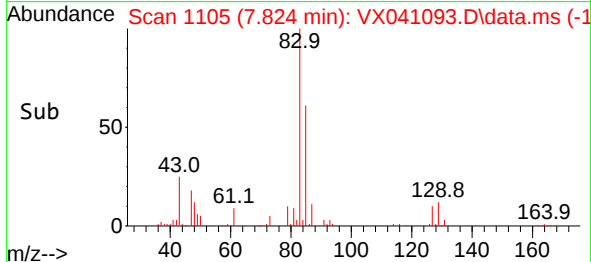
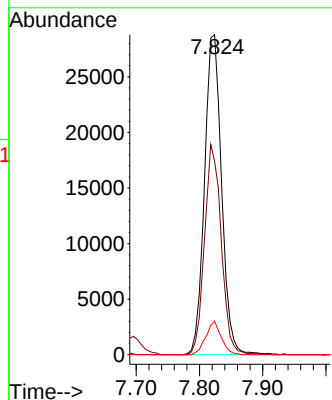
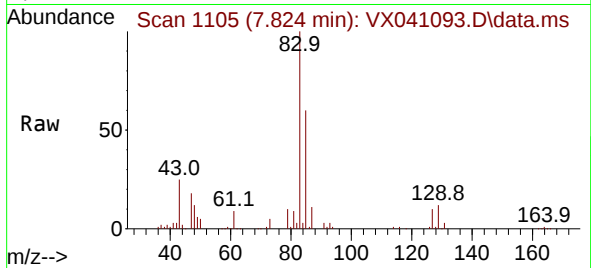
#47
Bromodichloromethane
Concen: 21.926 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5428
Ion Ratio Lower Upper
83 100
85 60.5 49.8 74.6
127 10.5 7.1 10.7

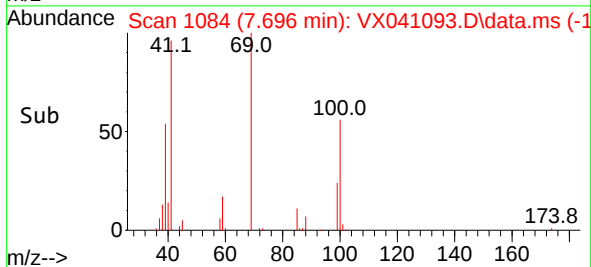
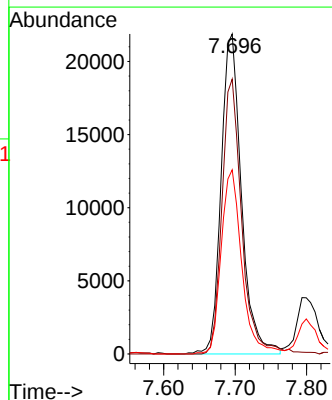
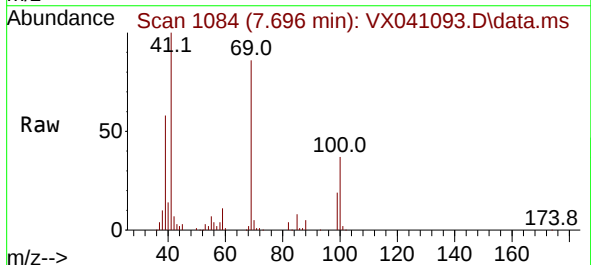
Manual Integrations
APPROVED

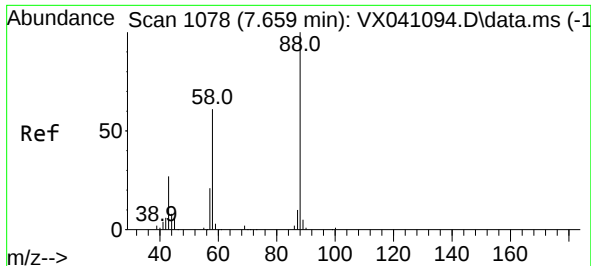
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#48
Methyl methacrylate
Concen: 22.419 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 41 Resp: 43309
Ion Ratio Lower Upper
41 100
69 83.4 59.2 88.8
39 58.2 47.7 71.5





#49

1,4-Dioxane

Concen: 449.062 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

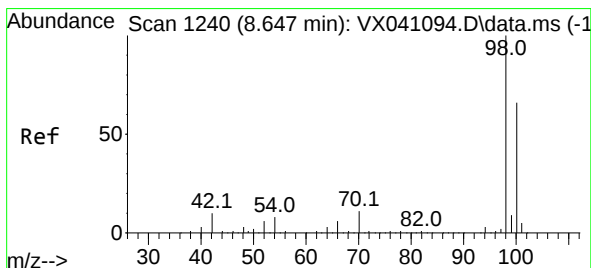
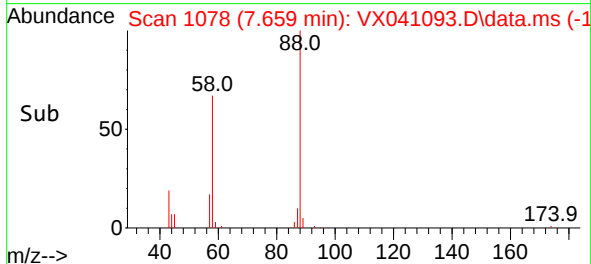
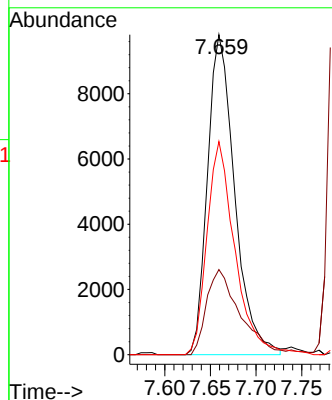
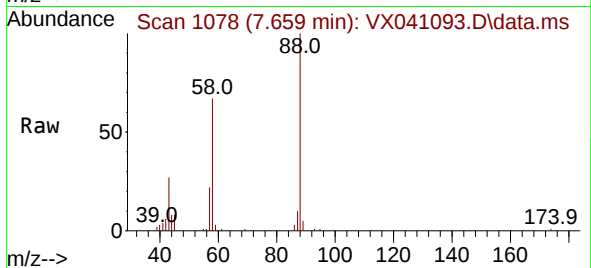
Tgt Ion: 88 Resp: 2027
 Ion Ratio Lower Upper
 88 100
 43 33.5 0.0 0.0
 58 68.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#50

Toluene-d8

Concen: 19.927 ug/l

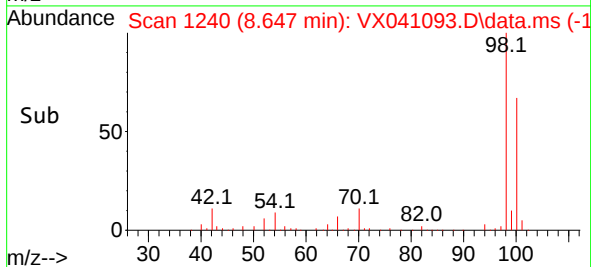
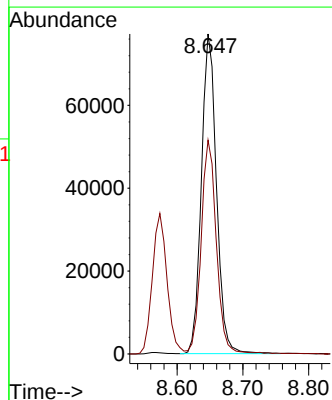
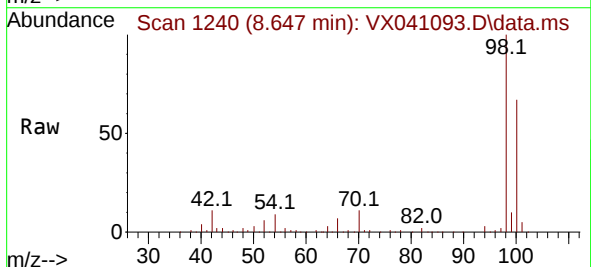
RT: 8.647 min Scan# 1240

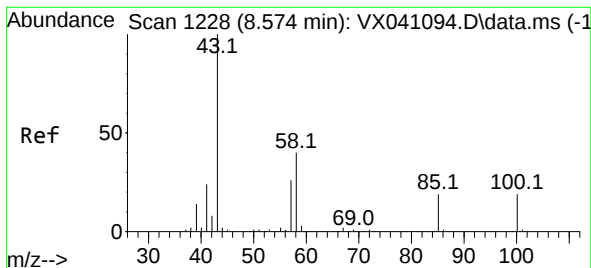
Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Tgt Ion: 98 Resp: 123037
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.1 79.7





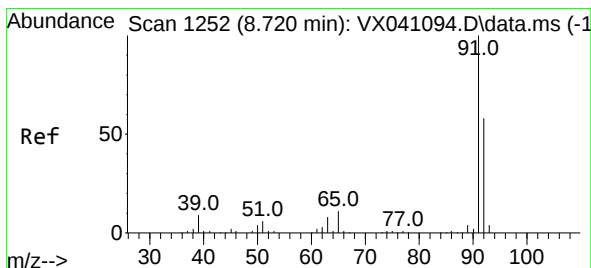
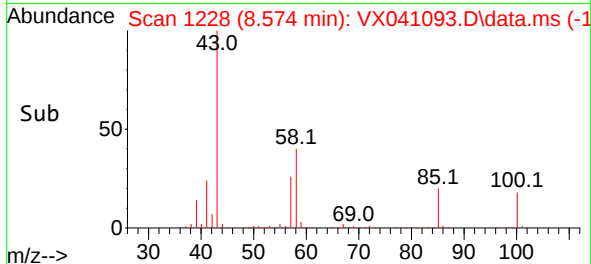
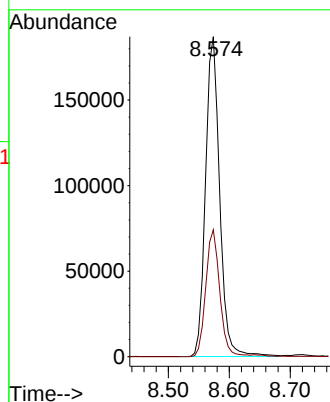
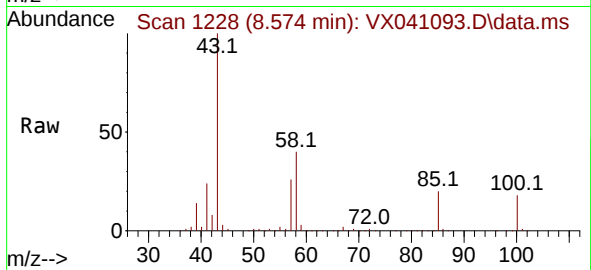
#51
4-Methyl-2-Pentanone
Concen: 112.569 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 302649
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

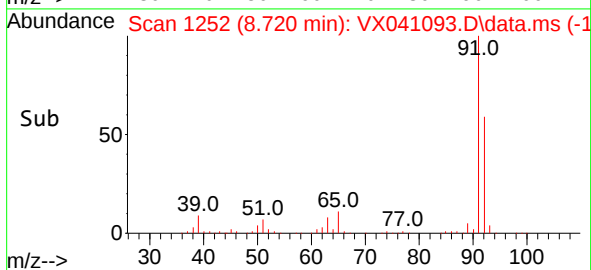
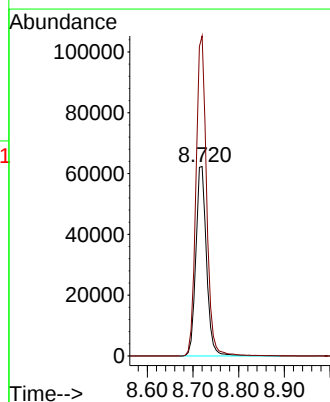
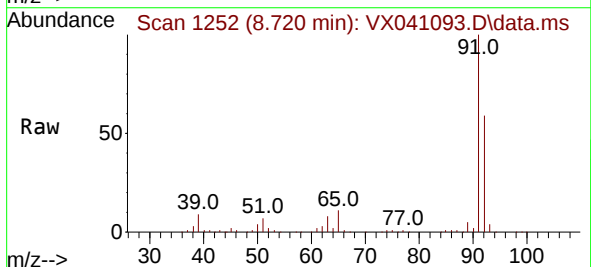
Manual Integrations
APPROVED

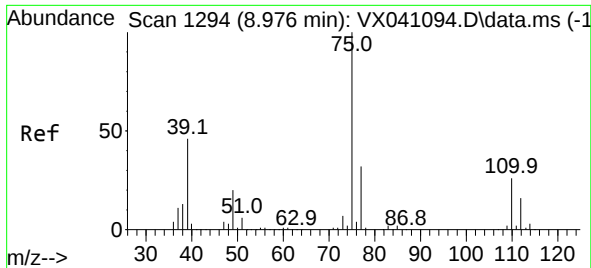
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#52
Toluene
Concen: 22.679 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 92 Resp: 100857
Ion Ratio Lower Upper
92 100
91 168.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 22.058 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 52370

Ion Ratio Lower Upper

75 100

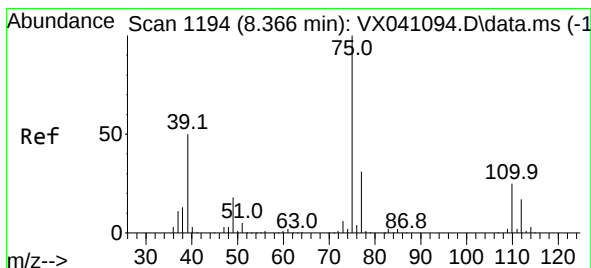
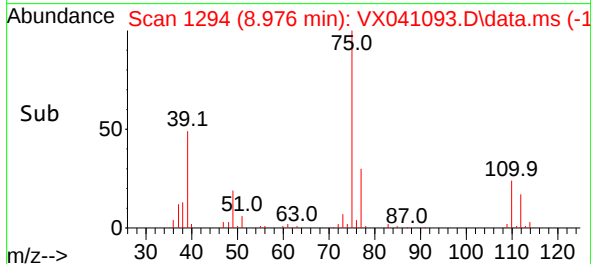
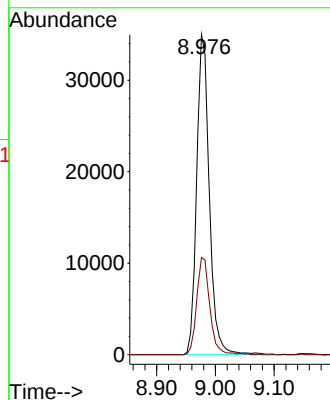
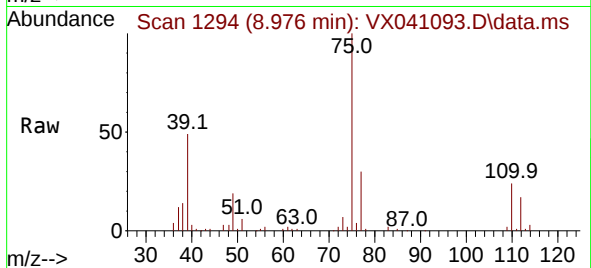
77 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#54

cis-1,3-Dichloropropene

Concen: 22.097 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

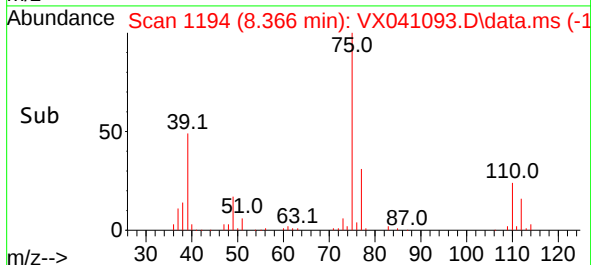
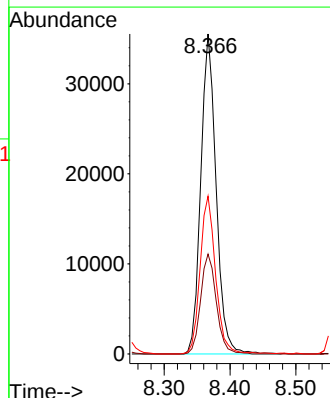
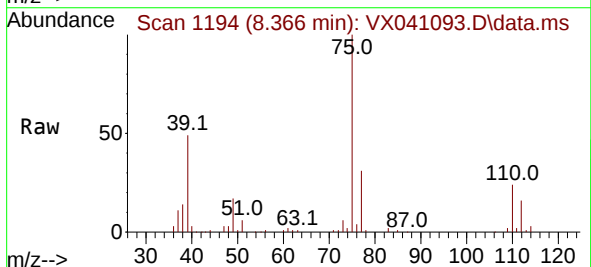
Tgt Ion: 75 Resp: 57645

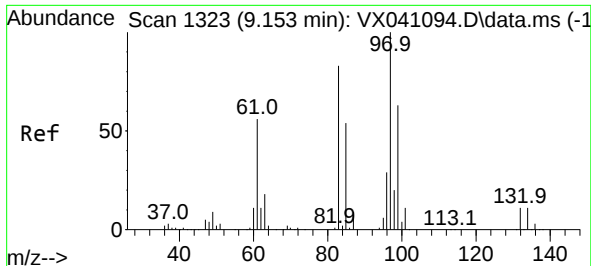
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

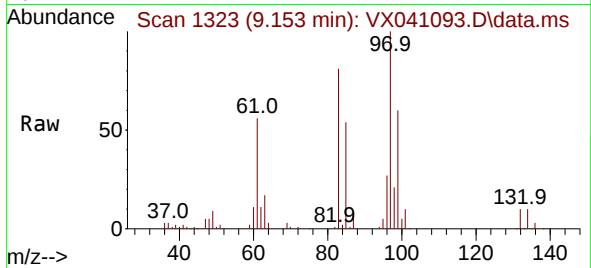
39 49.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 22.480 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

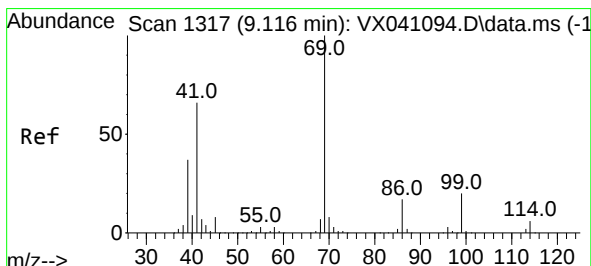
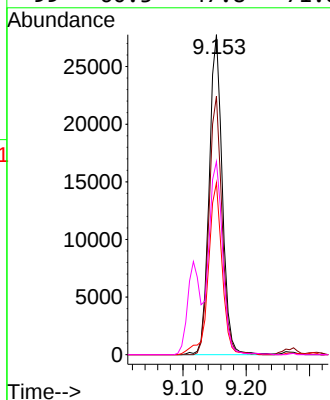
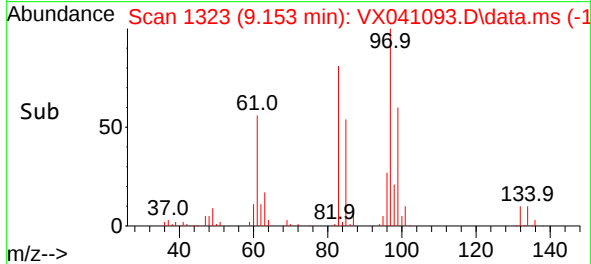
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.8	98.8
85	53.7	41.6	62.4
99	60.3	47.8	71.8

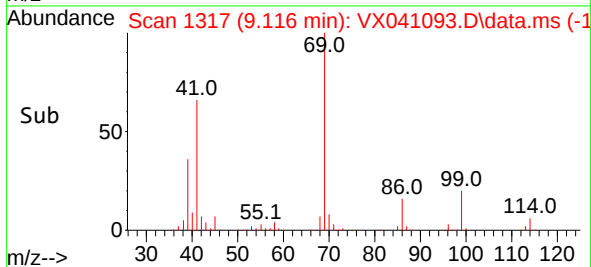
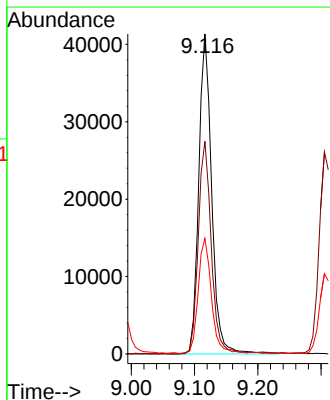
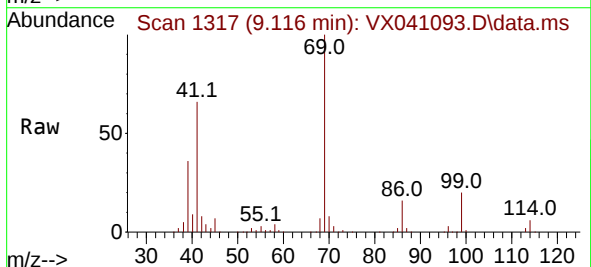
Manual Integrations
APPROVED

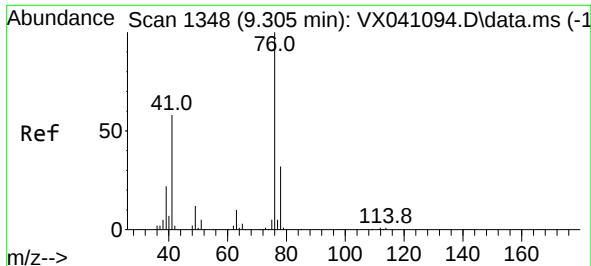
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#56
Ethyl methacrylate
Concen: 20.525 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	56.8	85.2
39	36.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 22.212 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 6462

Ion Ratio Lower Upper

76 100

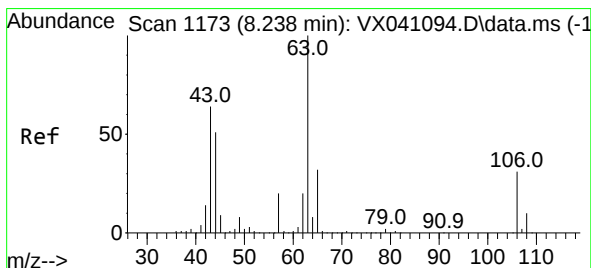
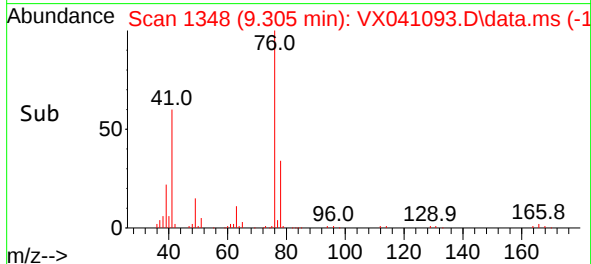
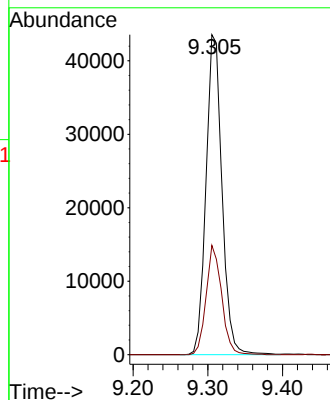
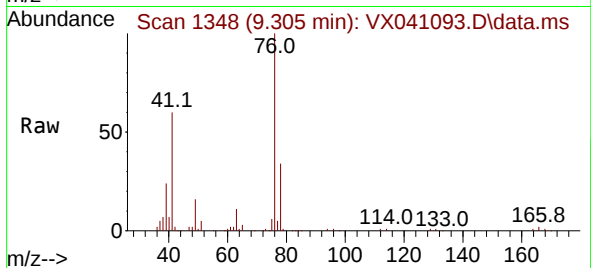
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 109.234 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041093.D

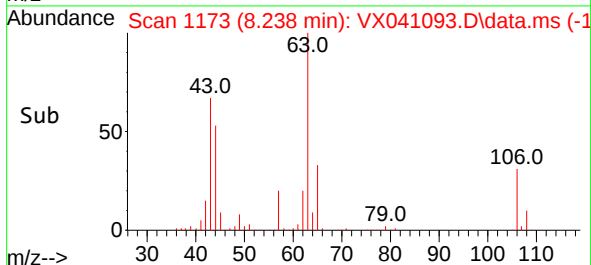
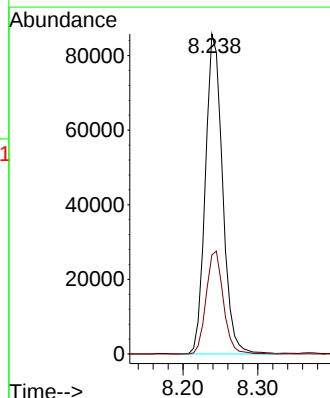
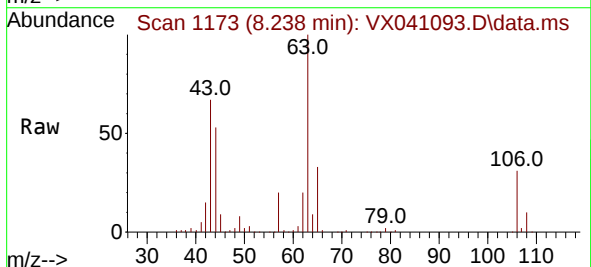
Acq: 16 Apr 2024 10:11

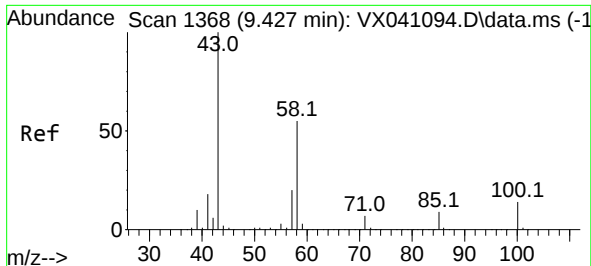
Tgt Ion: 63 Resp: 137171

Ion Ratio Lower Upper

63 100

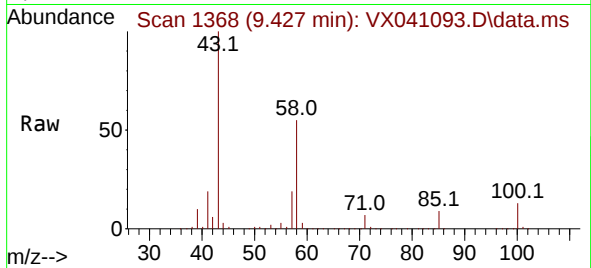
106 32.0 22.5 33.7





#59
2-Hexanone
Concen: 114.510 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

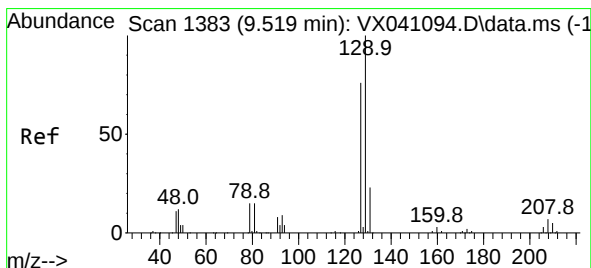
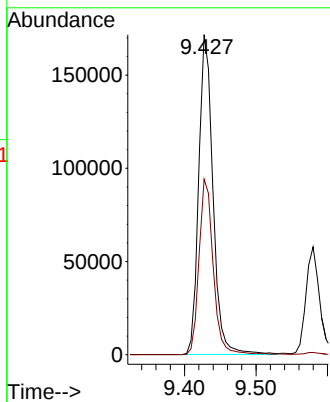
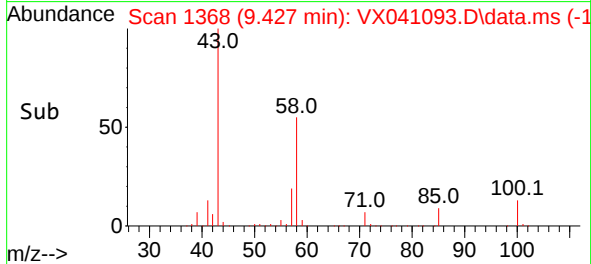
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 238150
Ion Ratio Lower Upper
43 100
58 54.7 26.2 78.5

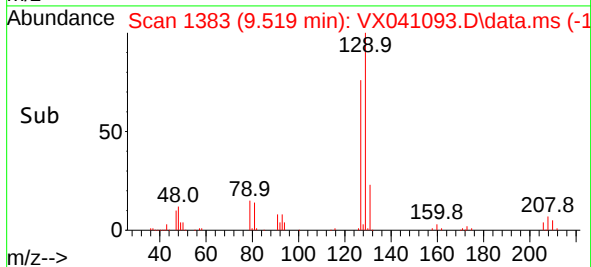
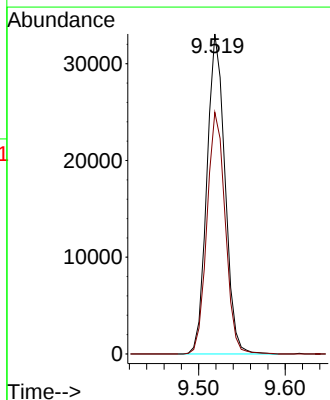
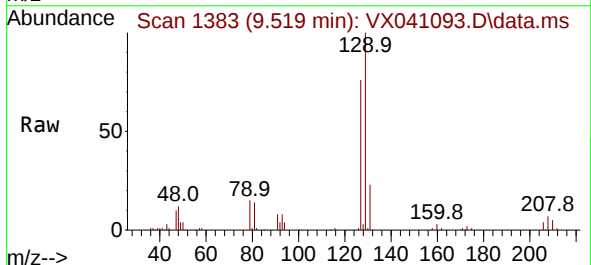
Manual Integrations
APPROVED

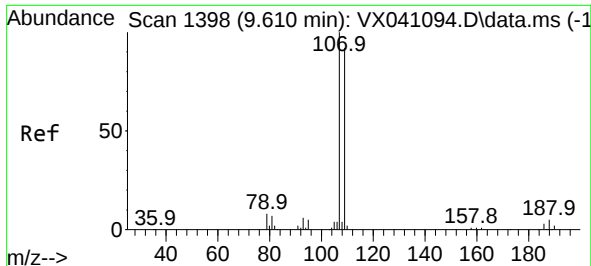
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#60
Dibromochloromethane
Concen: 22.175 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion:129 Resp: 47893
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 22.001 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

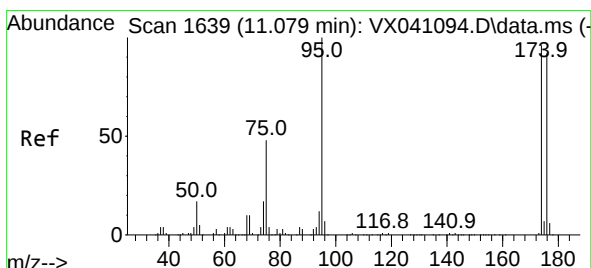
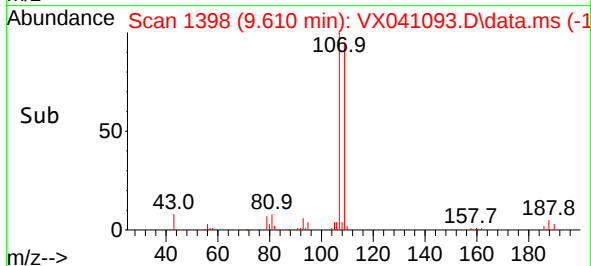
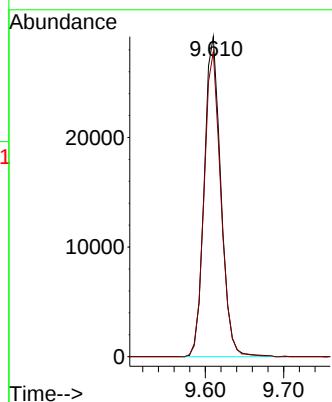
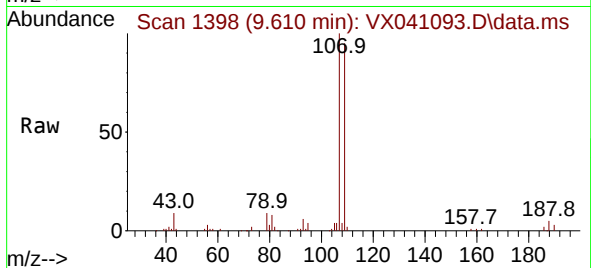
Tgt Ion:107 Resp: 42912
Ion Ratio Lower Upper
107 100
109 95.9 75.2 112.8

Manual Integrations

APPROVED

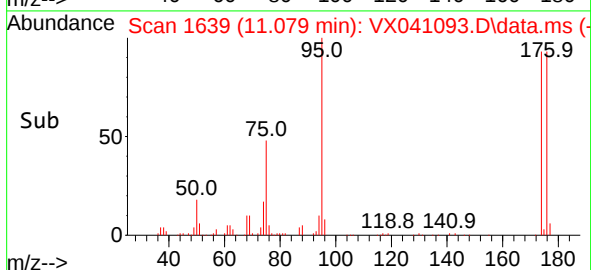
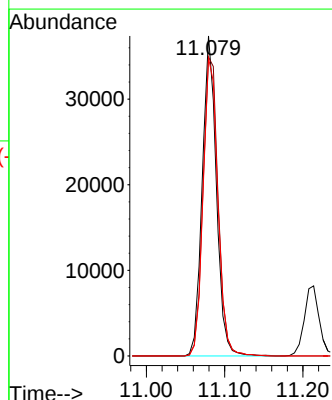
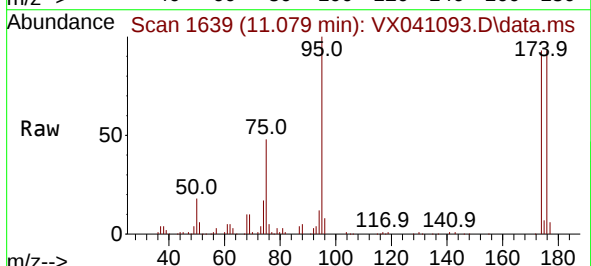
Reviewed By :John Carlone 04/17/2024

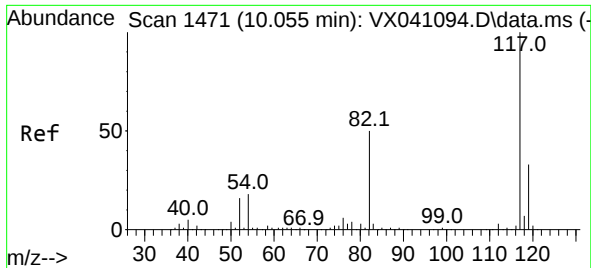
Supervised By :Mahesh Dadoda 04/17/2024



#62
4-Bromofluorobenzene
Concen: 19.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

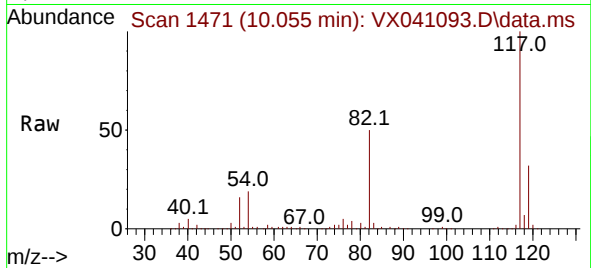
Tgt Ion: 95 Resp: 46833
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 97.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

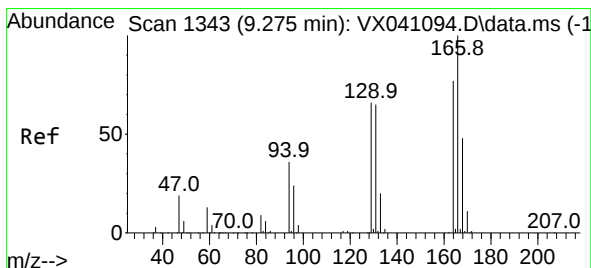
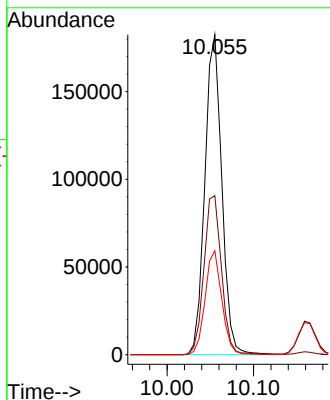
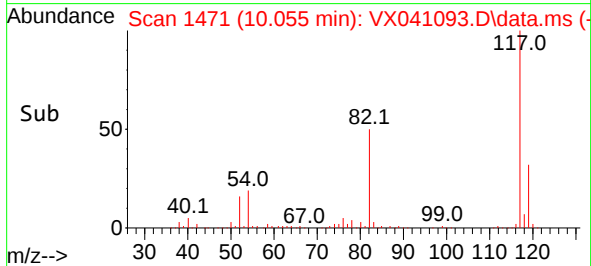
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 24842
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.5 25.5 38.3

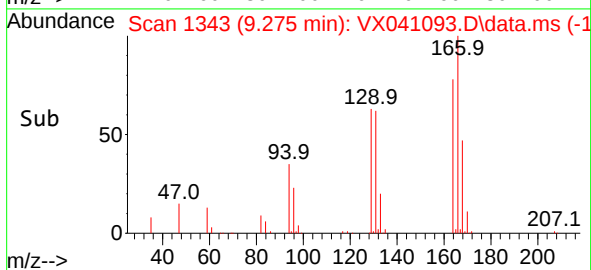
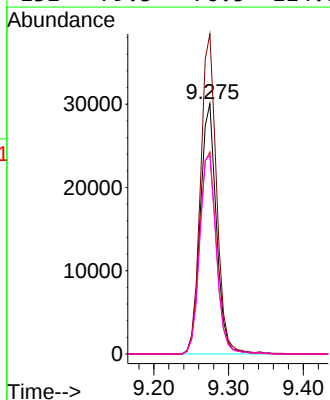
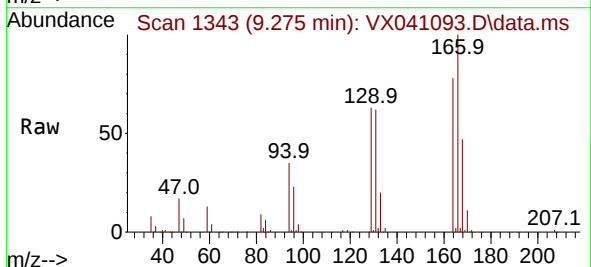
Manual Integrations
APPROVED

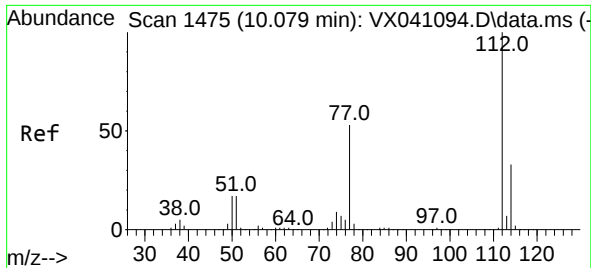
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#64
Tetrachloroethene
Concen: 22.720 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion:164 Resp: 44855
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 80.8 80.4 120.6
131 79.3 76.5 114.7





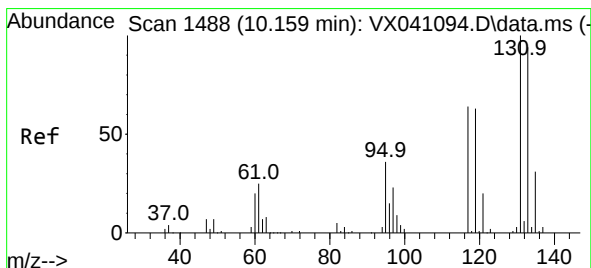
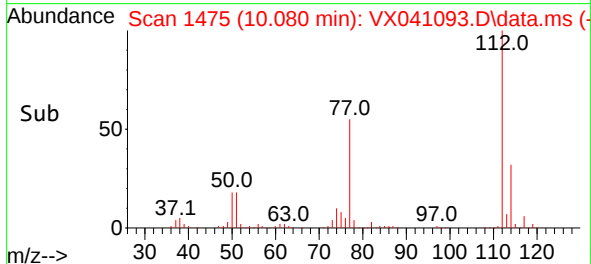
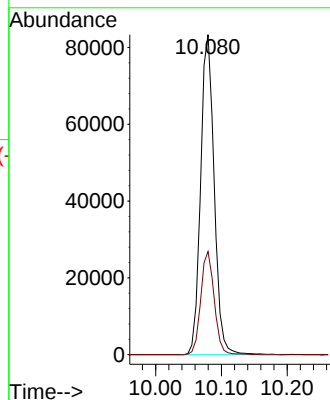
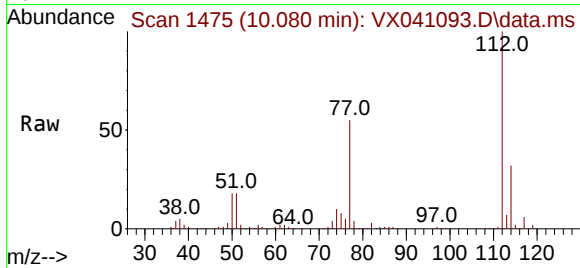
#65
Chlorobenzene
Concen: 21.786 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 119472
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

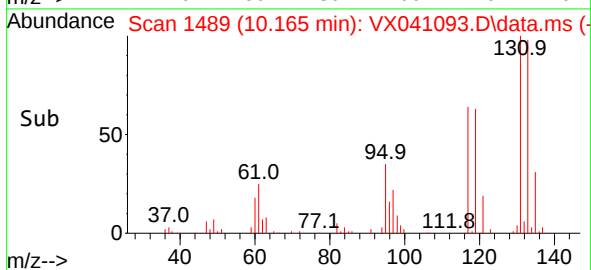
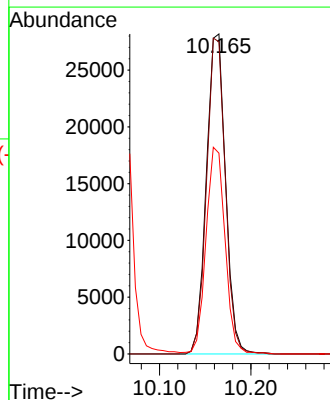
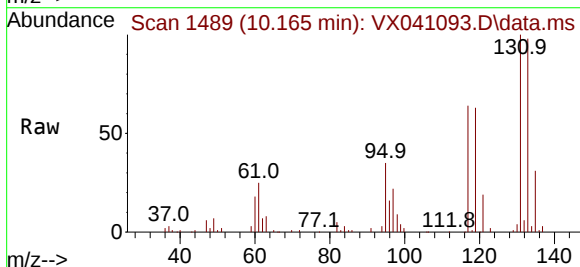
Manual Integrations
APPROVED

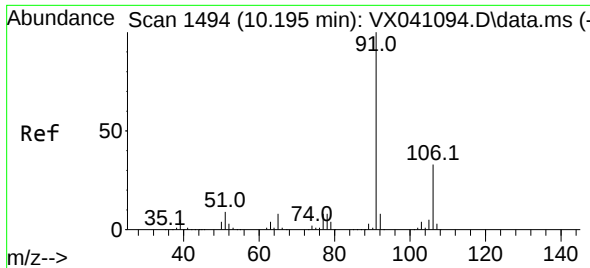
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.835 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

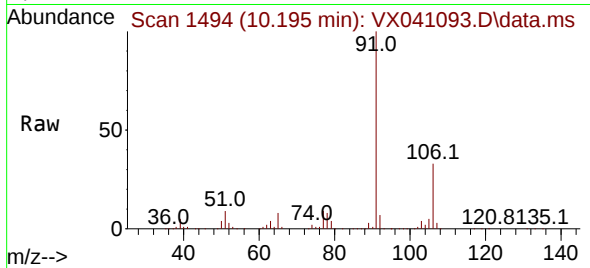
Tgt Ion:131 Resp: 40961
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 64.3 32.2 96.6





#67
Ethyl Benzene
Concen: 22.379 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

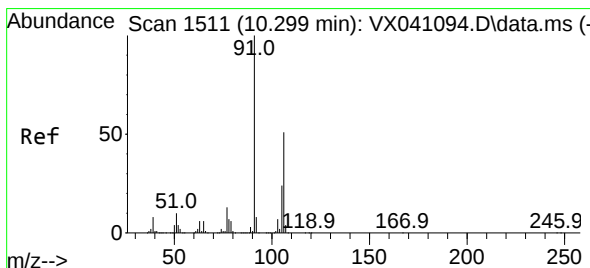
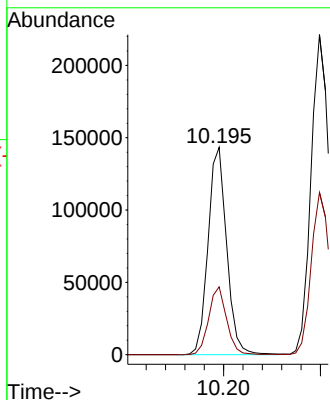
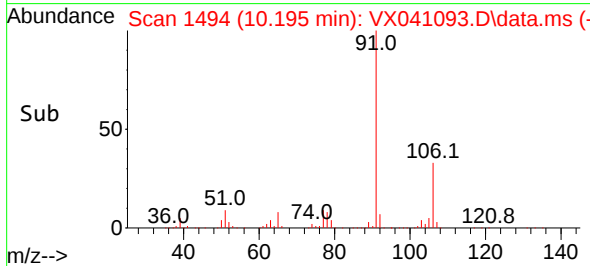
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



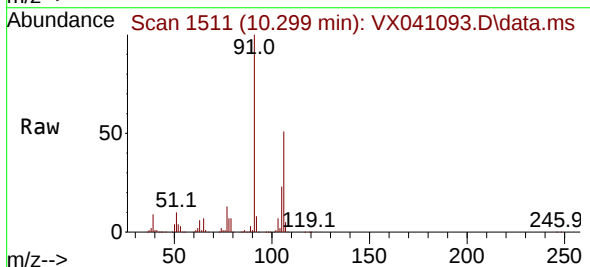
Tgt Ion: 91 Resp: 19150
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

Manual Integrations
APPROVED

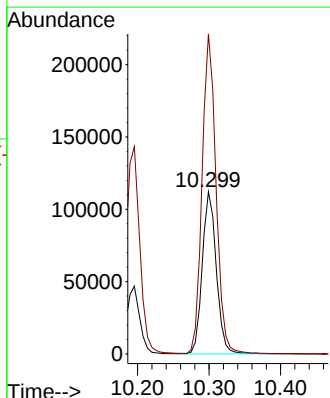
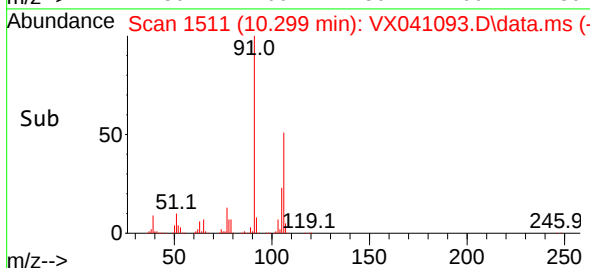
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

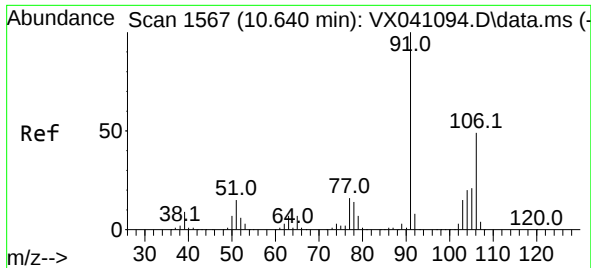


#68
m/p-Xylenes
Concen: 44.921 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11



Tgt Ion:106 Resp: 152895
Ion Ratio Lower Upper
106 100
91 197.1 165.5 248.3





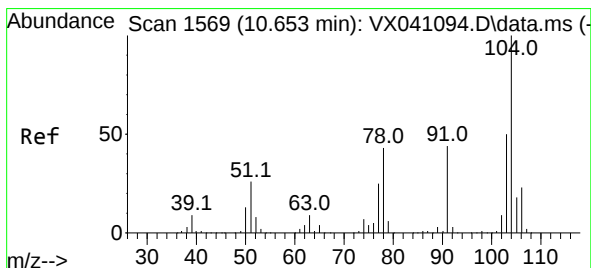
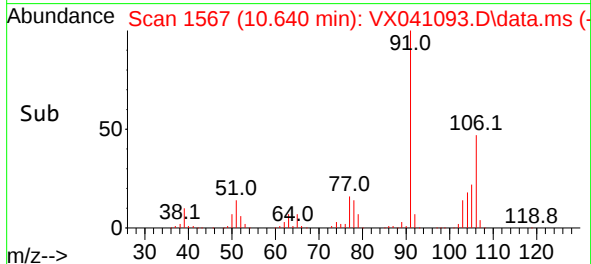
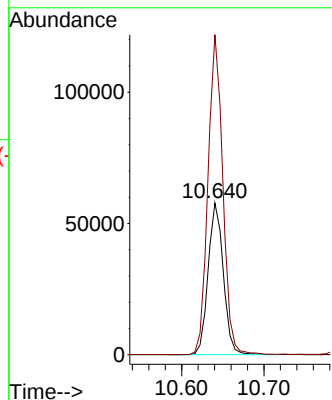
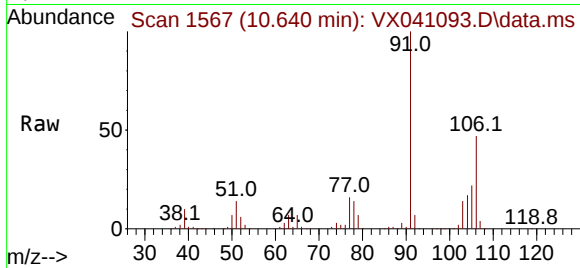
#69
o-Xylene
Concen: 22.402 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 7422
Ion Ratio Lower Upper
106 100
91 206.1 108.9 326.8

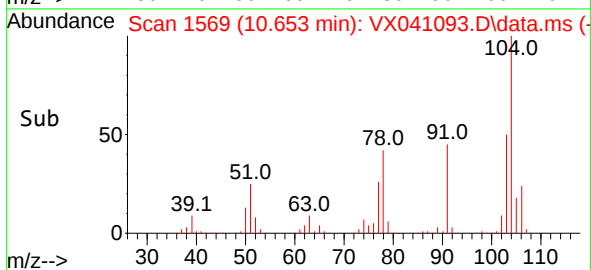
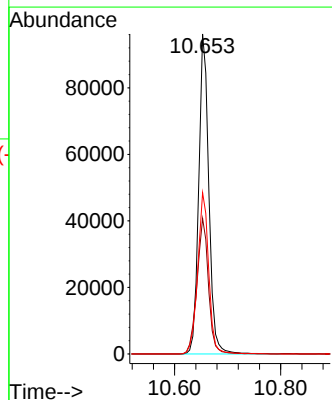
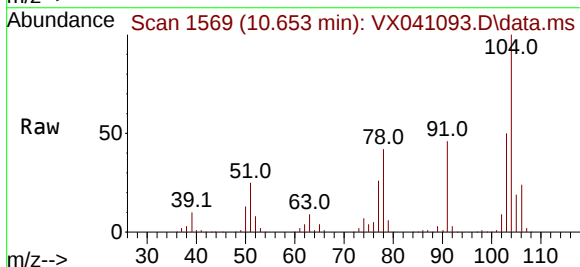
Manual Integrations
APPROVED

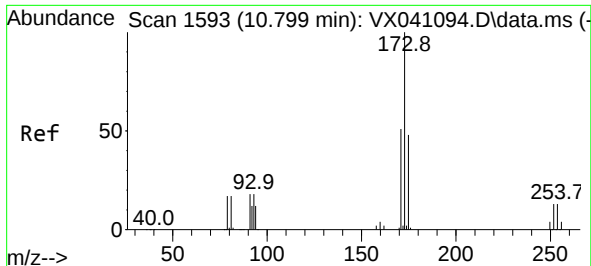
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 22.683 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

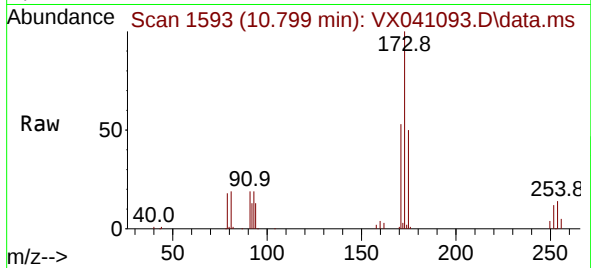
Tgt Ion:104 Resp: 127614
Ion Ratio Lower Upper
104 100
78 48.0 43.6 65.4
103 55.0 43.6 65.4





#71
Bromoform
Concen: 21.353 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

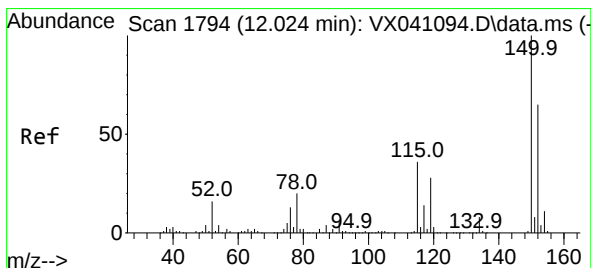
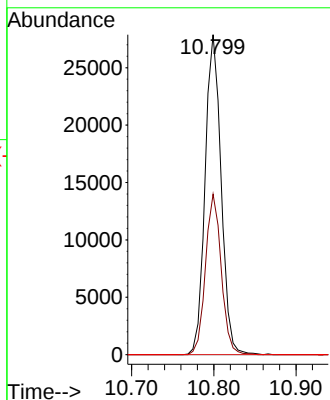
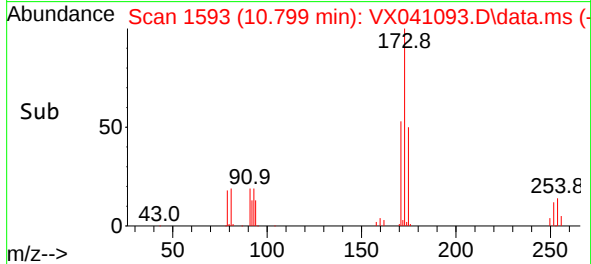
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



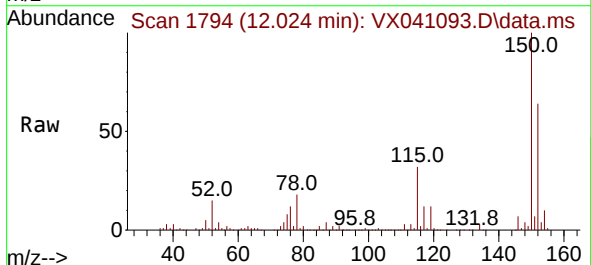
Tgt Ion:173 Resp: 37729
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

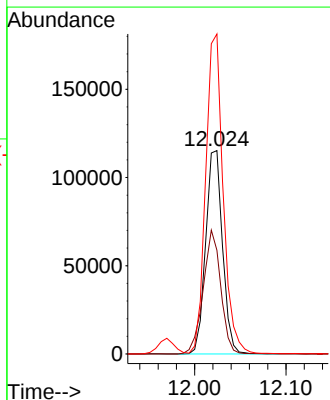
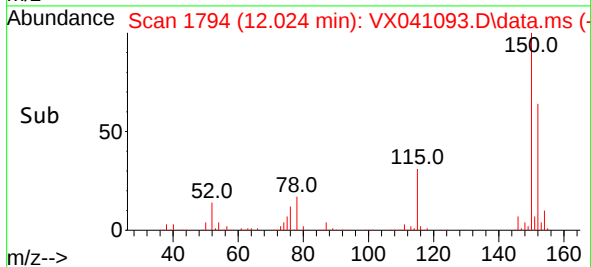
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

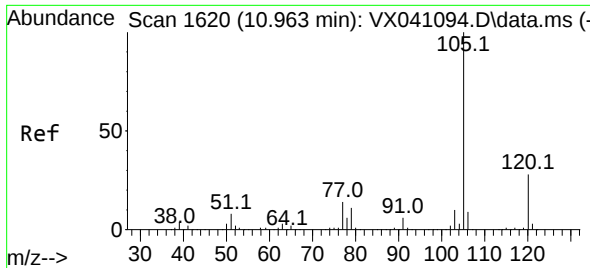


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11



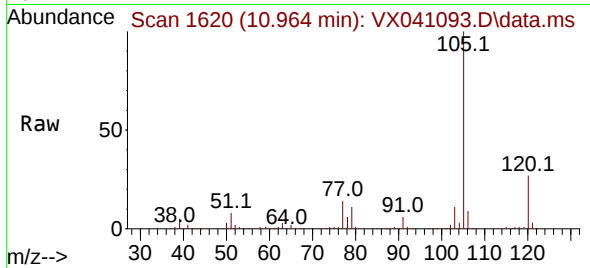
Tgt Ion:152 Resp: 147682
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 162.6 0.0 345.0





#73
Isopropylbenzene
Concen: 22.367 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

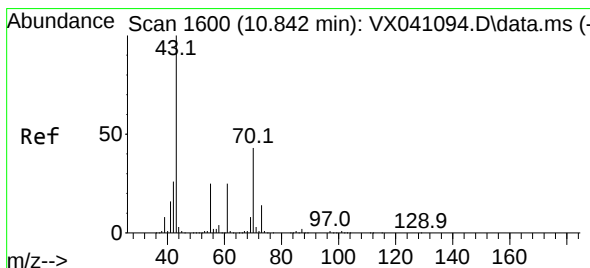
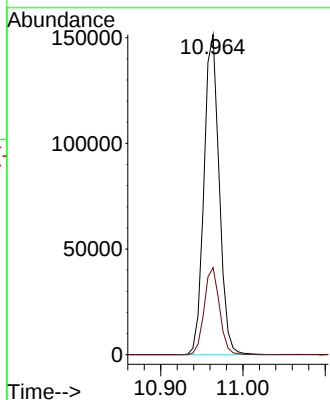
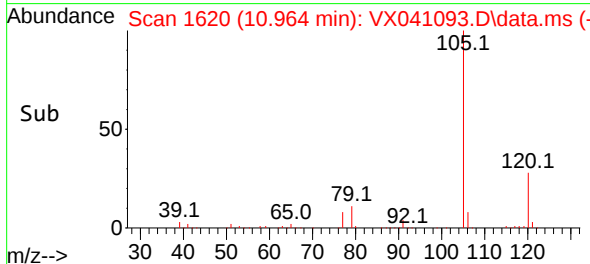
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



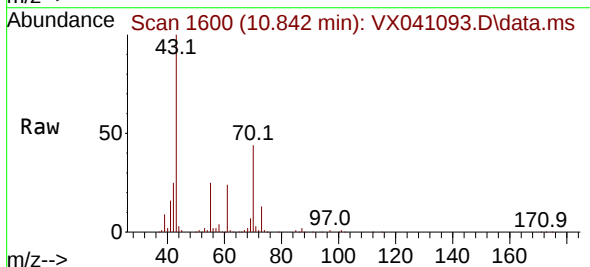
Tgt Ion:105 Resp: 19485
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

Manual Integrations
APPROVED

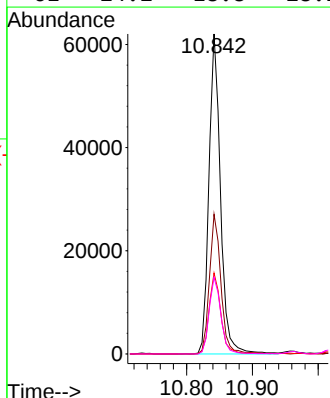
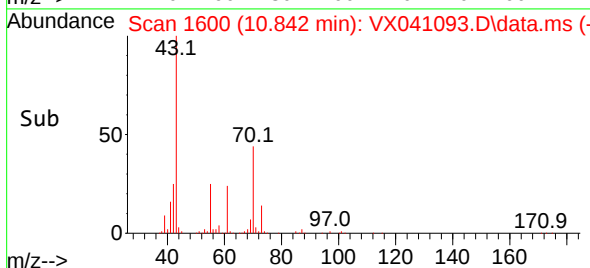
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

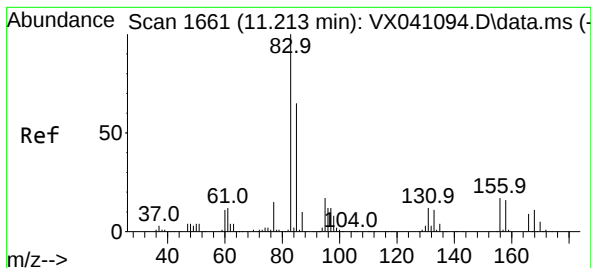


#74
N-ethyl acetate
Concen: 21.958 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11



Tgt Ion: 43 Resp: 75880
Ion Ratio Lower Upper
43 100
70 43.6 32.9 49.3
55 25.9 19.3 28.9
61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.960 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

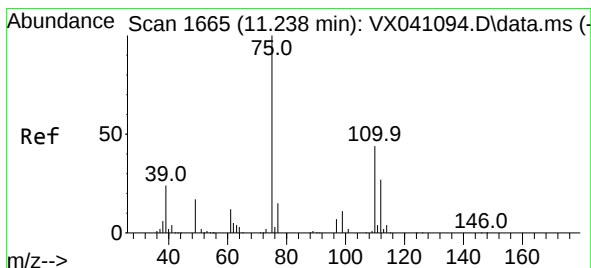
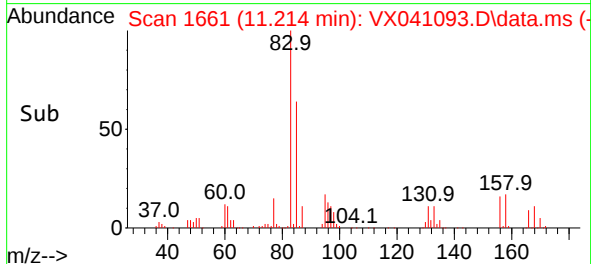
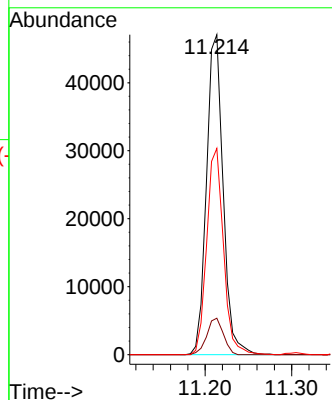
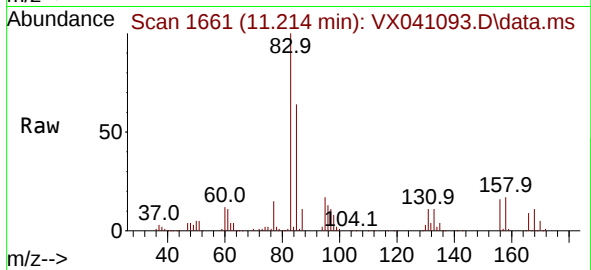
Tgt Ion: 83 Resp: 62775
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.3 15.8
 85 64.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#76

1,2,3-Trichloropropane

Concen: 21.513 ug/l m

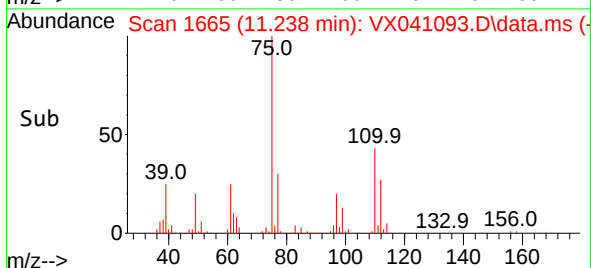
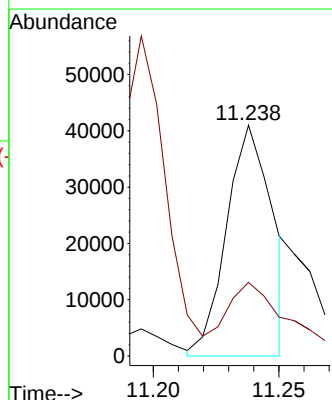
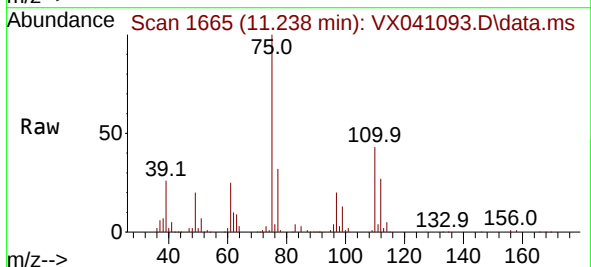
RT: 11.238 min Scan# 1665

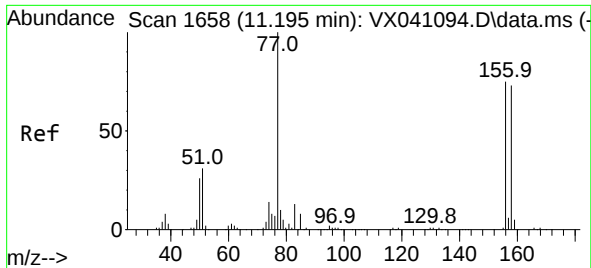
Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Tgt Ion: 75 Resp: 51775
 Ion Ratio Lower Upper
 75 100
 77 42.9 19.1 57.5





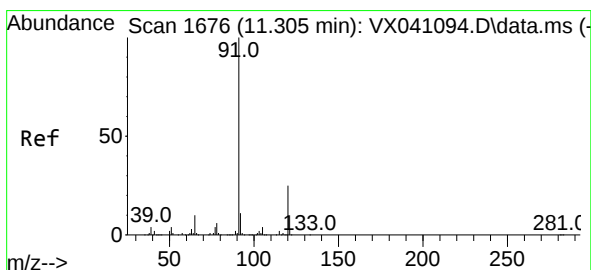
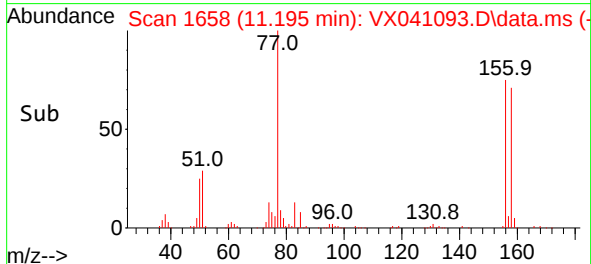
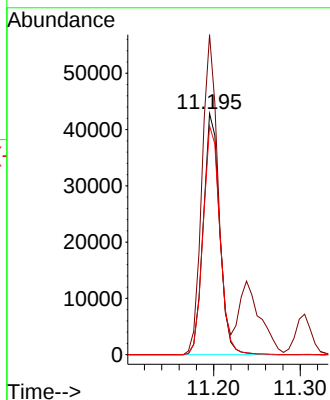
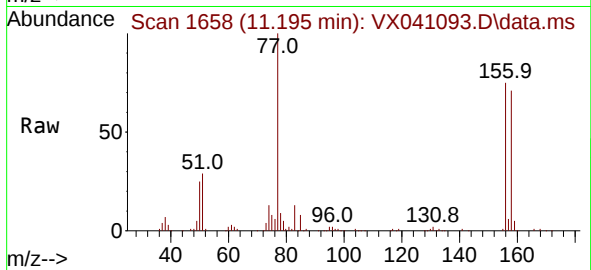
#77
Bromobenzene
Concen: 21.972 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 5619
Ion Ratio Lower Upper
156 100
77 129.5 88.4 265.3
158 97.5 48.0 144.0

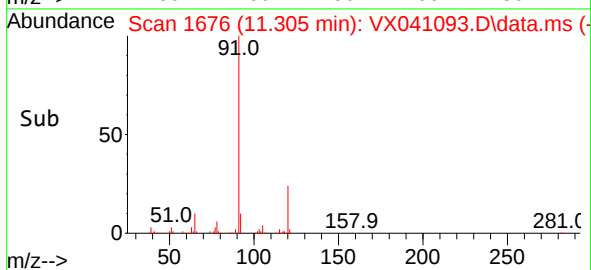
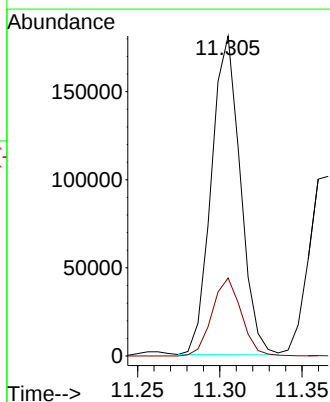
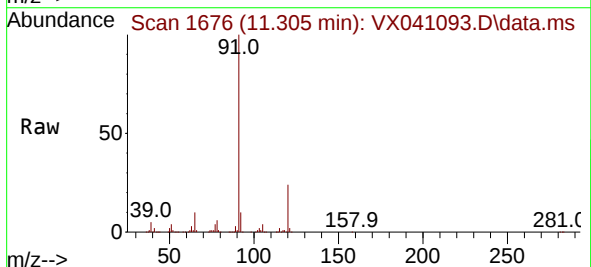
Manual Integrations
APPROVED

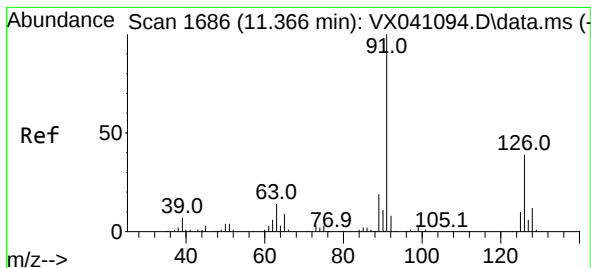
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#78
n-propylbenzene
Concen: 22.726 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 91 Resp: 222011
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.448 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 13368

Ion Ratio Lower Upper

91 100

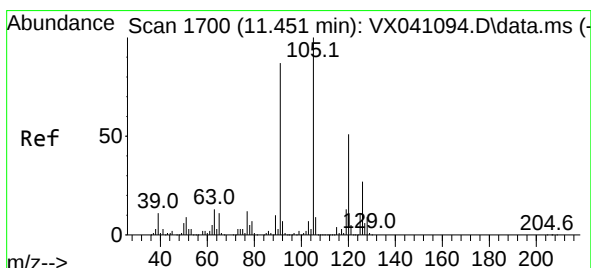
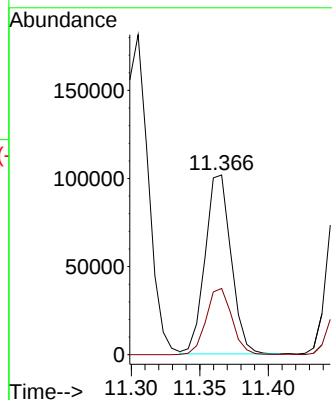
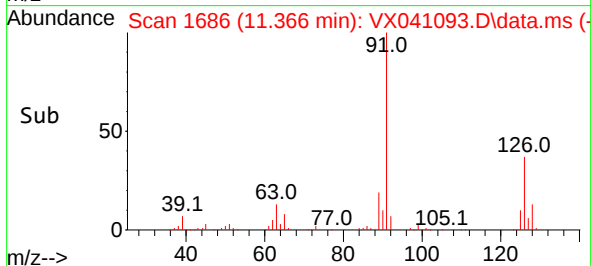
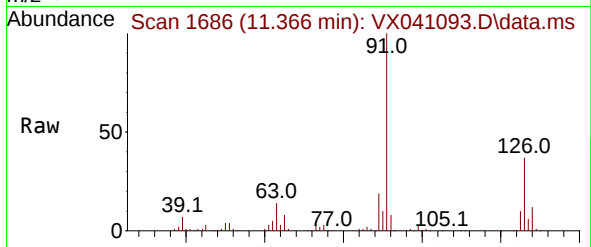
126 36.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.573 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041093.D

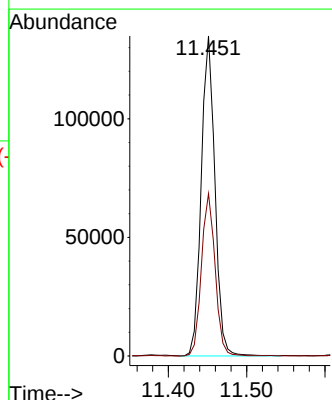
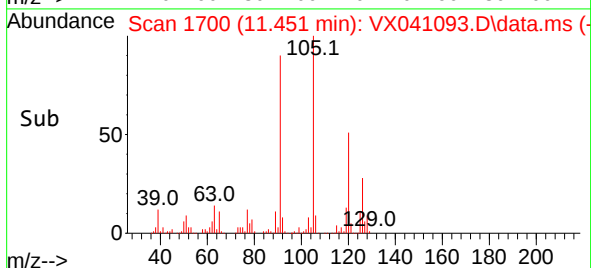
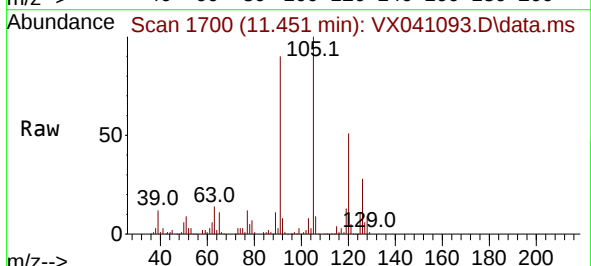
Acq: 16 Apr 2024 10:11

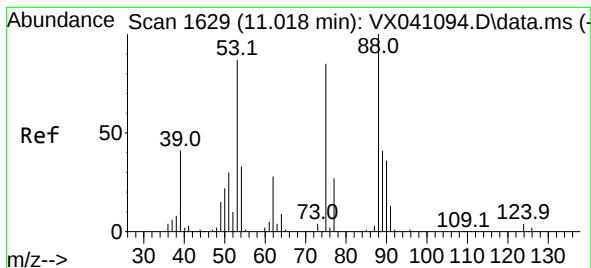
Tgt Ion:105 Resp: 163804

Ion Ratio Lower Upper

105 100

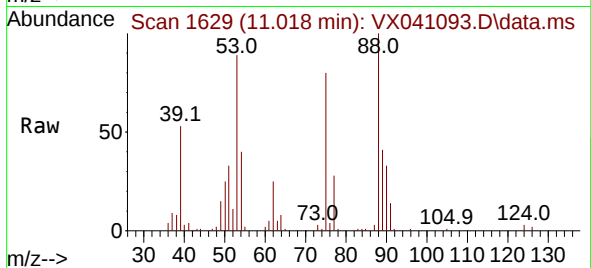
120 50.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.181 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

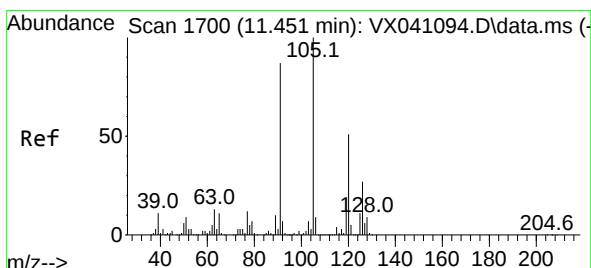
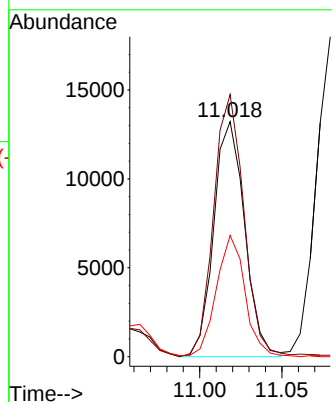
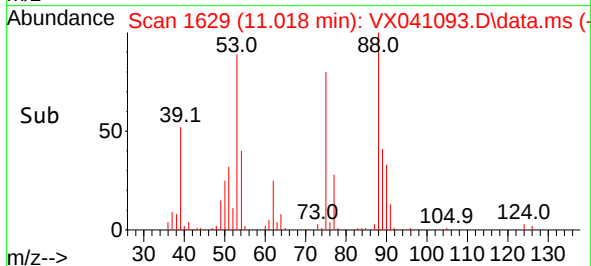
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 1731
Ion Ratio Lower Upper
75 100
53 109.9 90.5 135.7
89 48.0 36.9 55.3

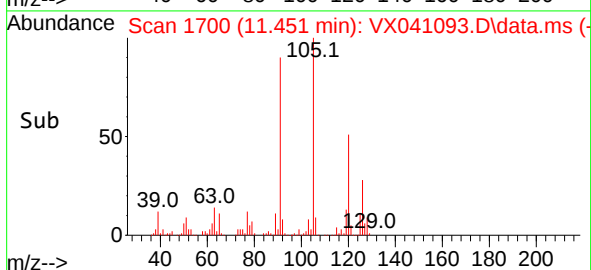
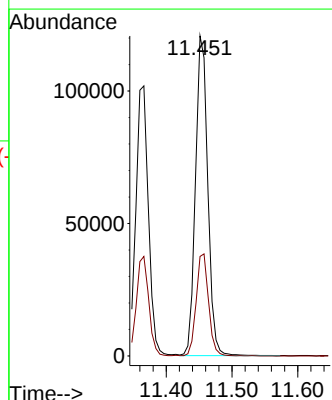
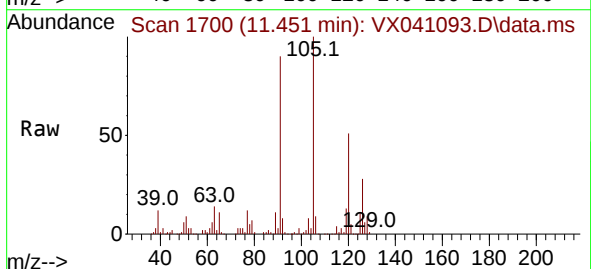
Manual Integrations
APPROVED

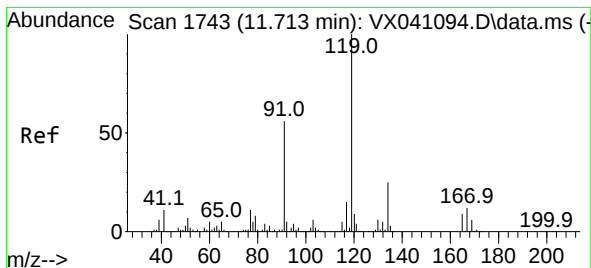
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 22.576 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 91 Resp: 156543
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.922 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041093.D

Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 169662

Ion Ratio Lower Upper

119 100

91 54.2 31.2 93.6

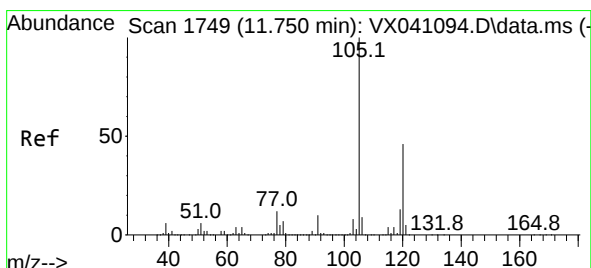
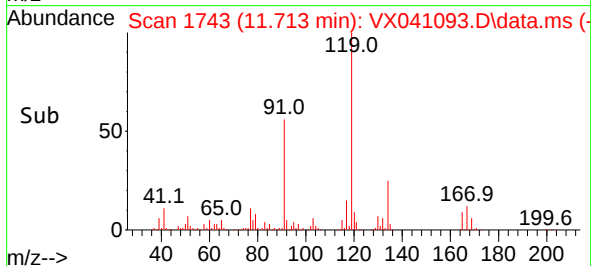
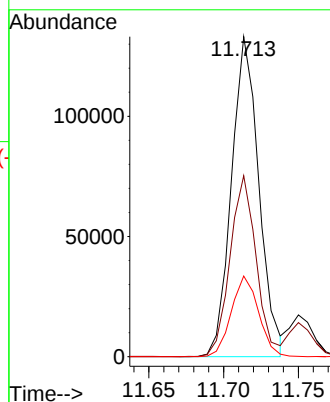
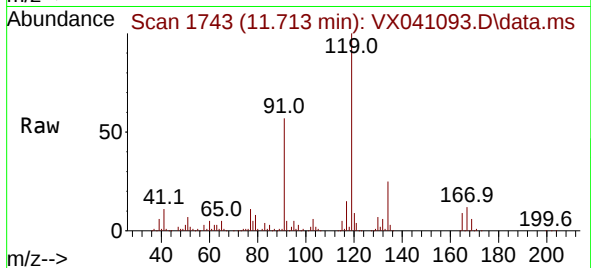
134 25.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.919 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041093.D

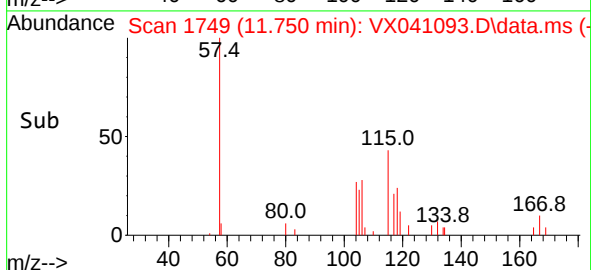
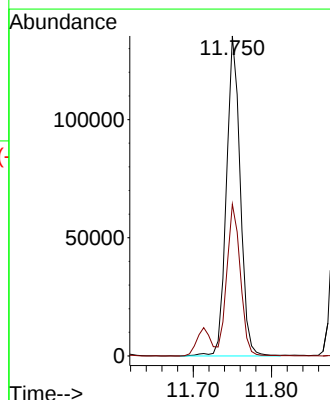
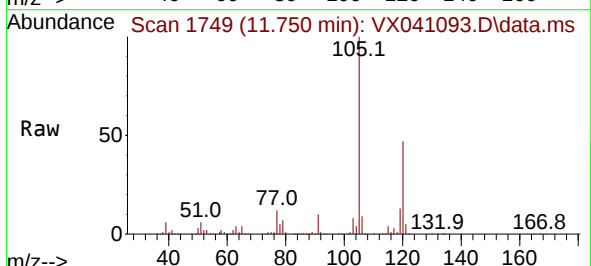
Acq: 16 Apr 2024 10:11

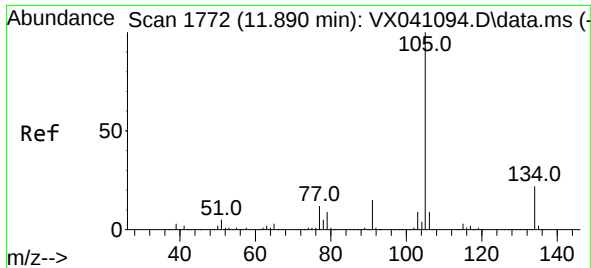
Tgt Ion:105 Resp: 165979

Ion Ratio Lower Upper

105 100

120 46.2 21.2 63.6





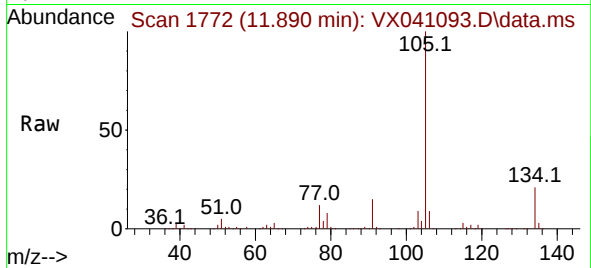
#85
 sec-Butylbenzene
 Concen: 22.261 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041093.D
 Acq: 16 Apr 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



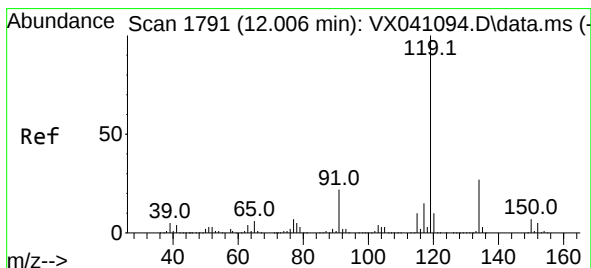
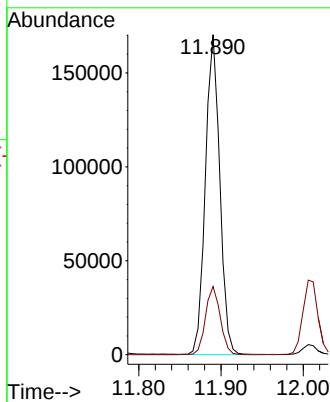
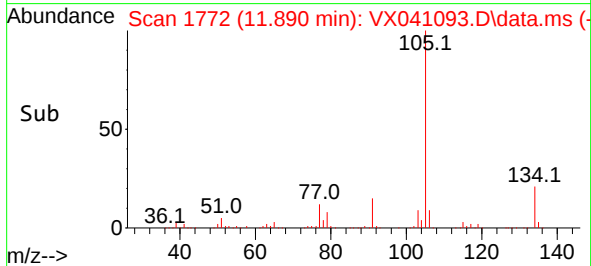
Tgt Ion:105 Resp: 20672
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.4

Manual Integrations

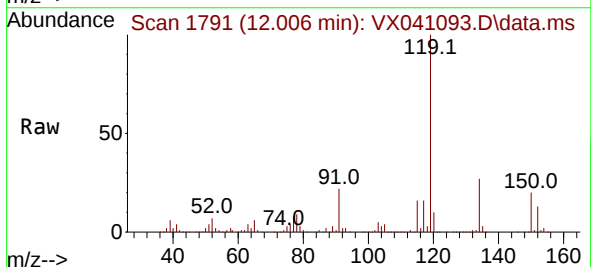
APPROVED

Reviewed By :John Carlone 04/17/2024

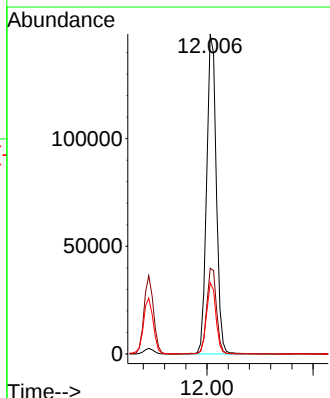
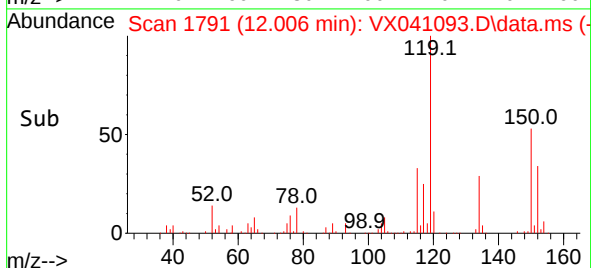
Supervised By :Mahesh Dadoda 04/17/2024

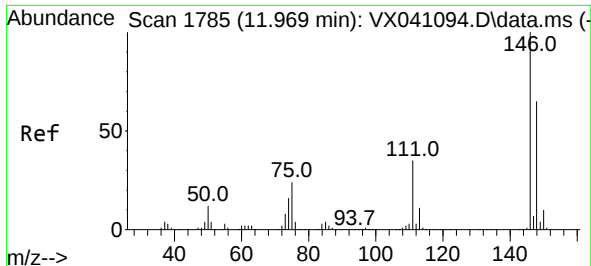


#86
 p-Isopropyltoluene
 Concen: 22.637 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041093.D
 Acq: 16 Apr 2024 10:11



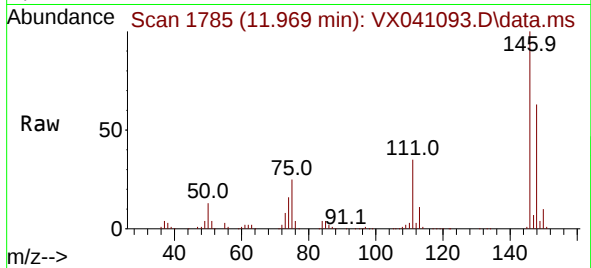
Tgt Ion:119 Resp: 186558
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 21.7 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 21.756 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

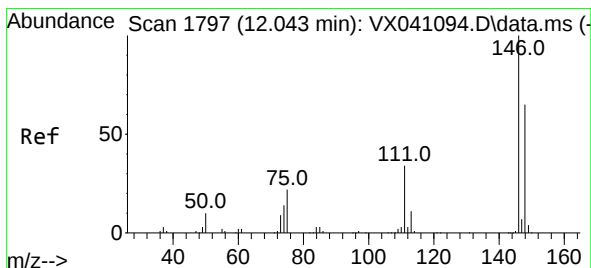
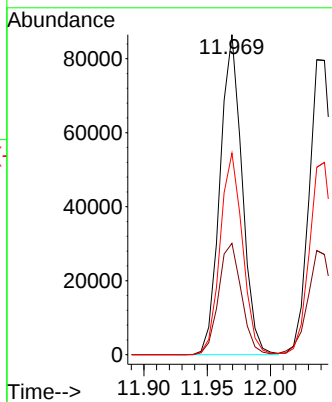
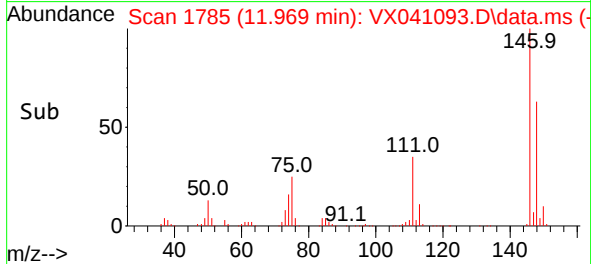
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



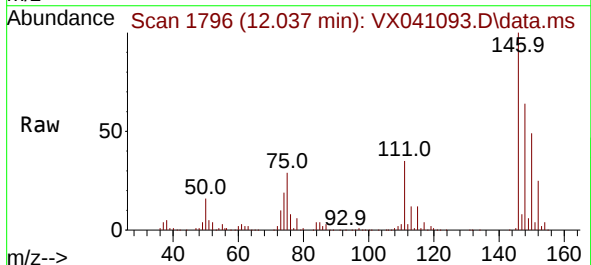
Tgt Ion:146 Resp: 104960
Ion Ratio Lower Upper
146 100
111 36.1 22.1 66.1
148 63.8 31.8 95.3

Manual Integrations
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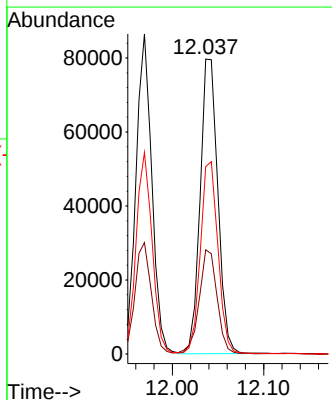
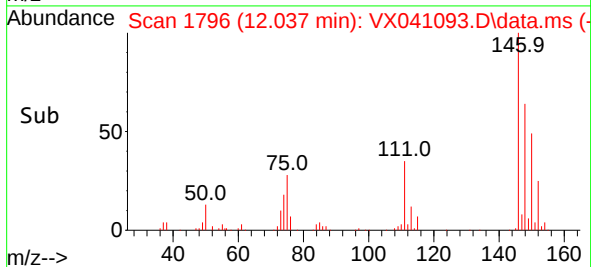
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

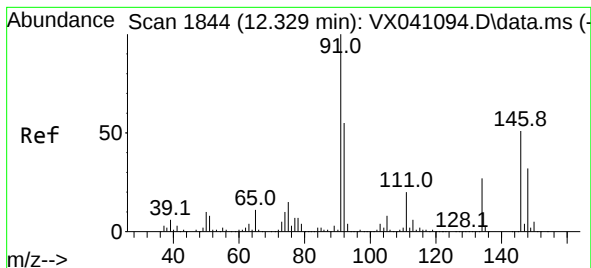


#88
1,4-Dichlorobenzene
Concen: 21.017 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11



Tgt Ion:146 Resp: 106938
Ion Ratio Lower Upper
146 100
111 35.8 21.3 63.7
148 64.8 31.8 95.4





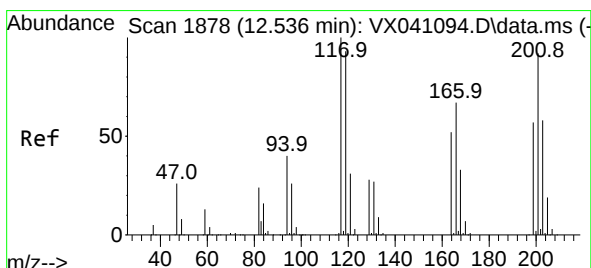
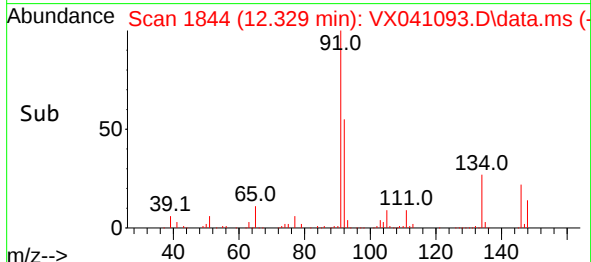
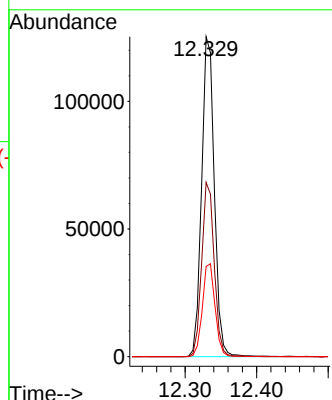
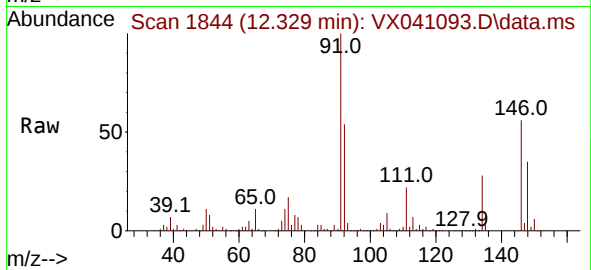
#89
n-Butylbenzene
Concen: 22.084 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 91 Resp: 154414
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 29.1 12.6 37.8

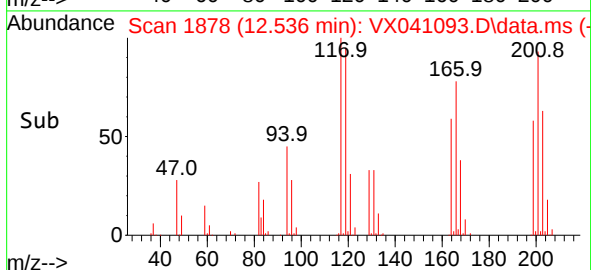
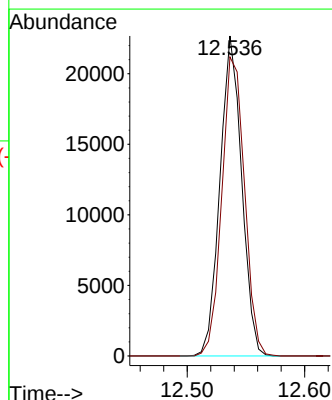
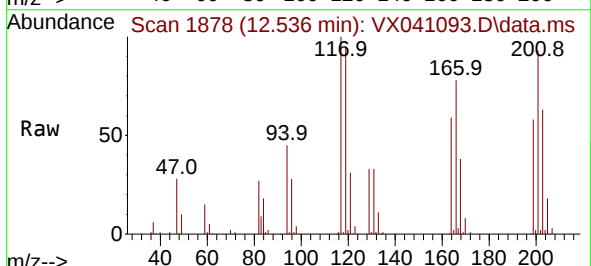
Manual Integrations
APPROVED

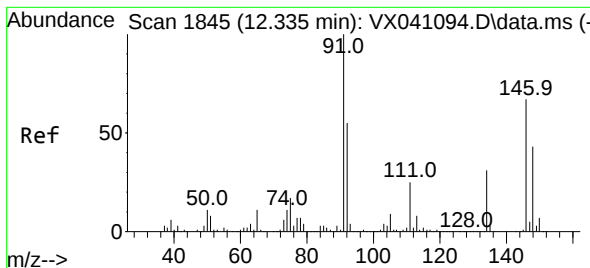
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#90
Hexachloroethane
Concen: 20.875 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

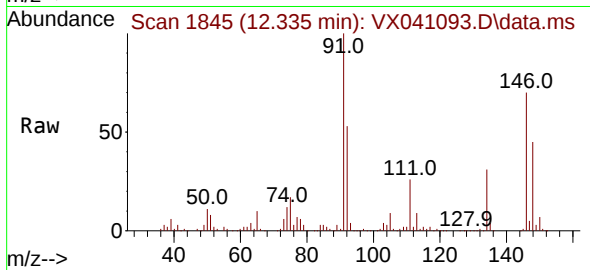
Tgt Ion:117 Resp: 29133
Ion Ratio Lower Upper
117 100
201 97.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 21.714 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

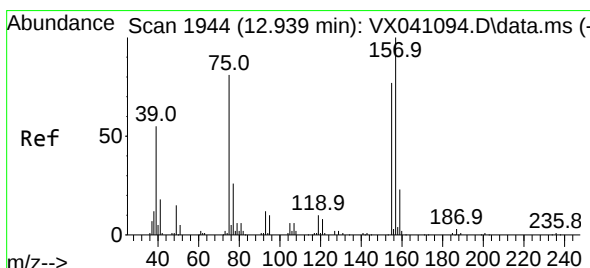
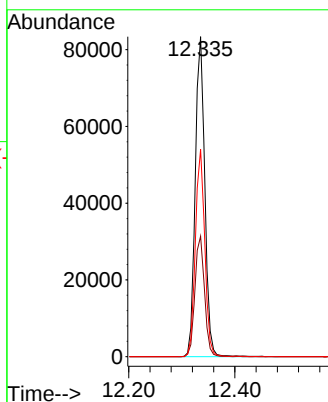
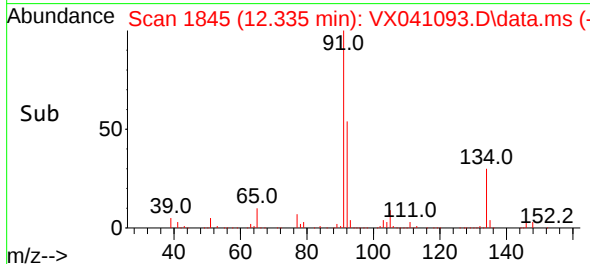
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 10396
Ion Ratio Lower Upper
146 100
111 37.9 22.4 67.0
148 63.7 31.6 95.0

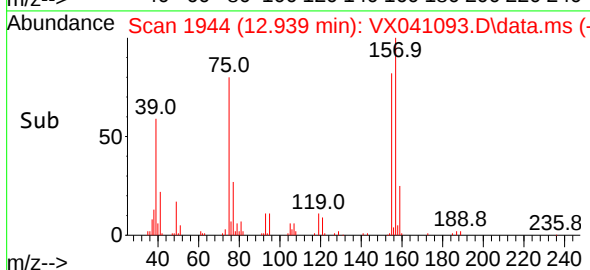
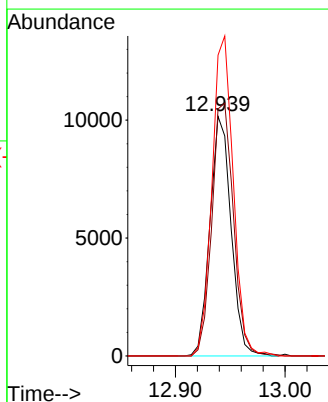
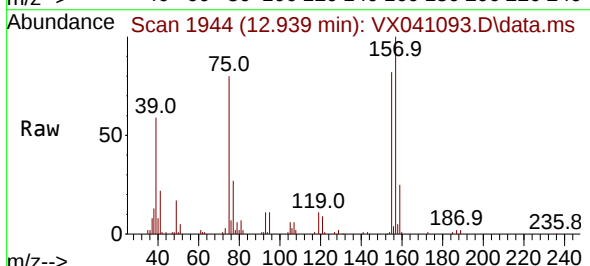
Manual Integrations
APPROVED

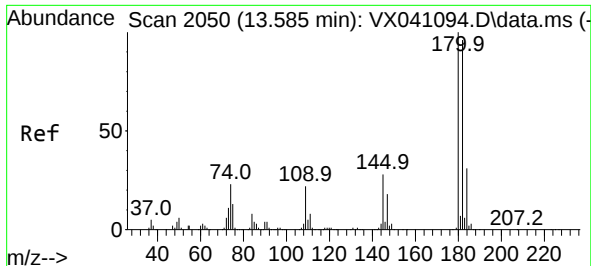
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.933 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion: 75 Resp: 13599
Ion Ratio Lower Upper
75 100
155 108.3 36.1 108.5
157 134.2 44.9 134.7





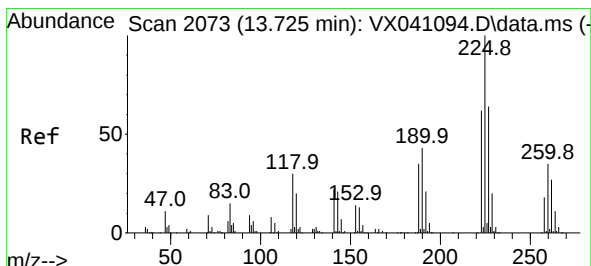
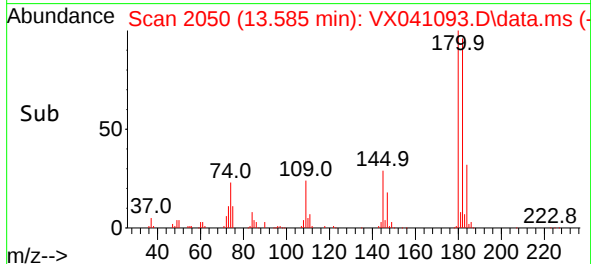
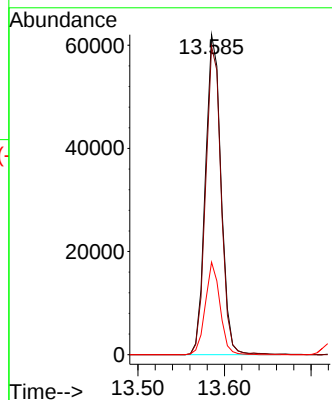
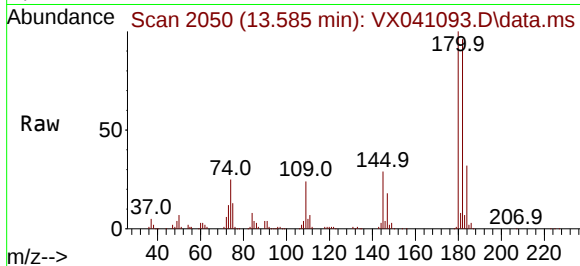
#93
1,2,4-Trichlorobenzene
Concen: 21.624 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 7780
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 27.1 18.0 54.0

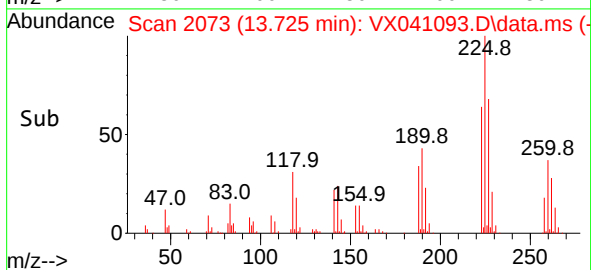
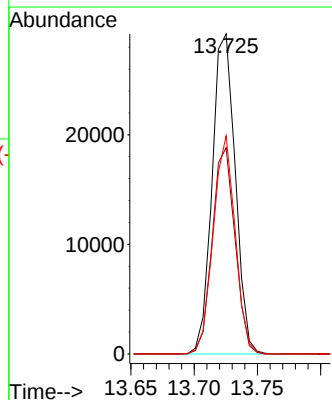
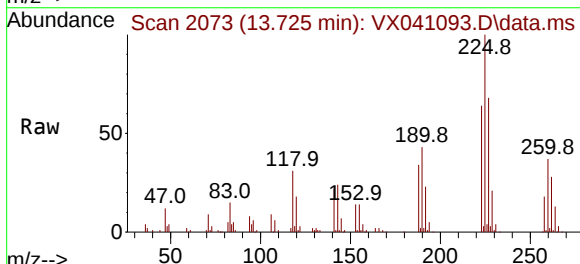
Manual Integrations
APPROVED

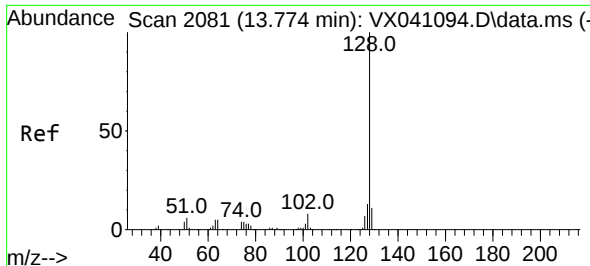
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#94
Hexachlorobutadiene
Concen: 21.633 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

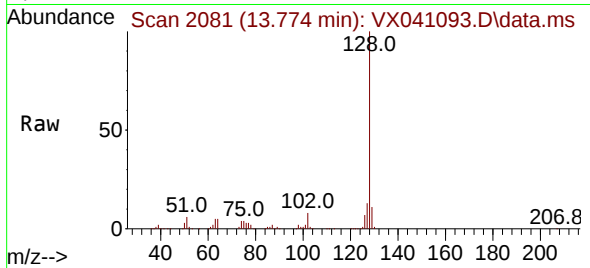
Tgt Ion:225 Resp: 37109
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 22.389 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

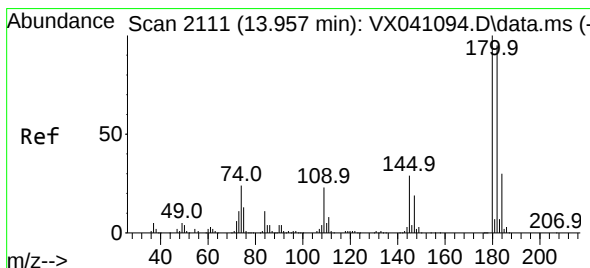
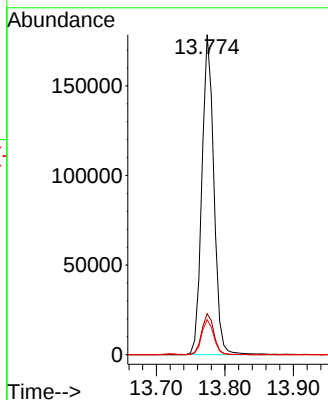
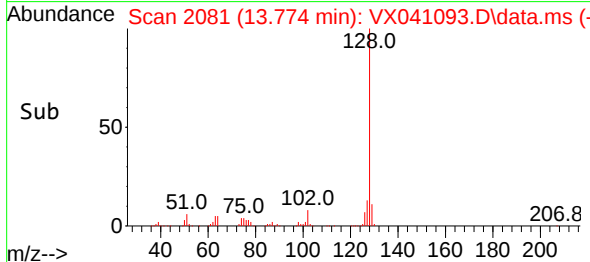
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 21759
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 21.763 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX041093.D
Acq: 16 Apr 2024 10:11

Tgt Ion:180 Resp: 77756
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 28.8 17.8 53.5

