

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028583.D
 Acq On : 10 May 2022 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 06:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	344037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	529312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	199285	44.425	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.860%		
35) Dibromofluoromethane	5.385	113	188729	50.843	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.680%		
50) Toluene-d8	8.647	98	640531	44.927	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.860%		
62) 4-Bromofluorobenzene	11.079	95	256863	47.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121267	54.604	ug/l	100
3) Chloromethane	1.294	50	112553	50.285	ug/l	98
4) Vinyl Chloride	1.374	62	144132	41.557	ug/l	98
5) Bromomethane	1.599	94	154614	50.042	ug/l	99
6) Chloroethane	1.678	64	109263	43.582	ug/l	98
7) Trichlorofluoromethane	1.886	101	286164	37.416	ug/l	96
8) Diethyl Ether	2.130	74	114740	49.929	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	159782	57.352	ug/l	97
10) Methyl Iodide	2.453	142	194276	50.886	ug/l	97
11) Tert butyl alcohol	2.959	59	196124	227.400	ug/l	99
12) 1,1-Dichloroethene	2.319	96	141606	53.557	ug/l	92
13) Acrolein	2.233	56	127815	232.491	ug/l	99
14) Allyl chloride	2.660	41	206170	46.471	ug/l	93
15) Acrylonitrile	3.062	53	462759	253.142	ug/l	99
16) Acetone	2.373	43	391522	285.959	ug/l	95
17) Carbon Disulfide	2.508	76	253489	35.601	ug/l	100
18) Methyl Acetate	2.697	43	202306	50.723	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	573105	51.980	ug/l	97
20) Methylene Chloride	2.788	84	171388	51.493	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	159006	44.220	ug/l	91
22) Diisopropyl ether	3.757	45	497512	49.235	ug/l #	88
23) Vinyl Acetate	3.721	43	2138459	242.233	ug/l	99
24) 1,1-Dichloroethane	3.611	63	295484	49.524	ug/l	99
25) 2-Butanone	4.550	43	633938	238.620	ug/l	97
26) 2,2-Dichloropropane	4.471	77	257296	44.167	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	208132	48.544	ug/l	94
28) Bromochloromethane	4.897	49	106665	41.668	ug/l	86
29) Tetrahydrofuran	4.995	42	393324	227.059	ug/l	100
30) Chloroform	5.092	83	345336	48.195	ug/l	100
31) Cyclohexane	5.470	56	215092	39.356	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	300869	46.370	ug/l	98
36) 1,1-Dichloropropene	5.690	75	221103	45.664	ug/l	98
37) Ethyl Acetate	4.708	43	244959	49.858	ug/l	100
38) Carbon Tetrachloride	5.678	117	259305	47.439	ug/l	99
39) Methylcyclohexane	7.379	83	242038	39.617	ug/l	96
40) Benzene	6.037	78	685144	48.340	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	134487	53.055	ug/l	98
42) 1,2-Dichloroethane	6.086	62	251303	47.764	ug/l	99
43) Isopropyl Acetate	6.336	43	397378	49.697	ug/l	98
44) Trichloroethene	7.123	130	211530	51.465	ug/l	100
45) 1,2-Dichloropropane	7.427	63	176924	50.997	ug/l	98
46) Dibromomethane	7.580	93	135798	49.898	ug/l	97
47) Bromodichloromethane	7.824	83	270093	51.637	ug/l	99
48) Methyl methacrylate	7.690	41	186395	50.773	ug/l	92
49) 1,4-Dioxane	7.659	88	90269	919.150	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1289975	251.399	ug/l	98
52) Toluene	8.720	92	467048	47.431	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	280064	50.380	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	298172	49.949	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	209563	52.380	ug/l	98
56) Ethyl methacrylate	9.116	69	304440	52.494	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	327185	50.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	676437	248.591	ug/l	93
59) 2-Hexanone	9.433	43	987698	248.496	ug/l	96
60) Dibromochloromethane	9.525	129	231177	53.003	ug/l	96
61) 1,2-Dibromoethane	9.610	107	219618	50.036	ug/l	99
64) Tetrachloroethene	9.275	164	206548	53.464	ug/l	97
65) Chlorobenzene	10.079	112	541391	51.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	216758	55.179	ug/l	99
67) Ethyl Benzene	10.195	91	919167	51.981	ug/l	96
68) m/p-Xylenes	10.305	106	732685	101.808	ug/l	97
69) o-Xylene	10.640	106	368868	51.408	ug/l	96
70) Styrene	10.659	104	630287	54.221	ug/l	99
71) Bromoform	10.799	173	180203	49.732	ug/l	99
73) Isopropylbenzene	10.963	105	973799	52.879	ug/l	99
74) N-amyl acetate	10.841	43	351343	55.199	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	327583	54.817	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	297524m	56.425	ug/l	
77) Bromobenzene	11.201	156	257500	53.689	ug/l	90
78) n-propylbenzene	11.305	91	1086523	53.208	ug/l	96
79) 2-Chlorotoluene	11.366	91	664047	52.306	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	817582	52.302	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	94850	53.456	ug/l	94
82) 4-Chlorotoluene	11.457	91	766925	52.442	ug/l	95
83) tert-Butylbenzene	11.713	119	828399	51.897	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	823761	53.012	ug/l	98
85) sec-Butylbenzene	11.890	105	992103	51.517	ug/l	98
86) p-Isopropyltoluene	12.012	119	860120	51.772	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	495578	54.992	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	497451	52.572	ug/l	99
89) n-Butylbenzene	12.335	91	704535	51.645	ug/l	98
90) Hexachloroethane	12.542	117	146096	48.913	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	489620	54.692	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	69342	52.176	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	306243	57.515	ug/l	99
94) Hexachlorobutadiene	13.725	225	127432	53.634	ug/l	95
95) Naphthalene	13.774	128	1037022	58.465	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	306475	58.639	ug/l	97

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VSTDCCC050

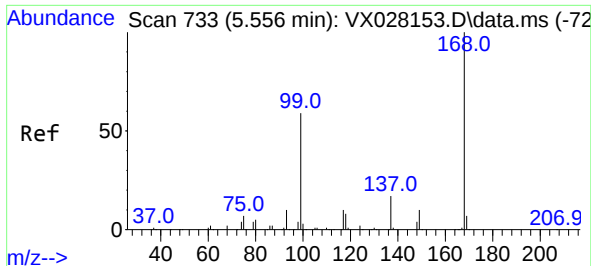
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Response via : Initial Calibration

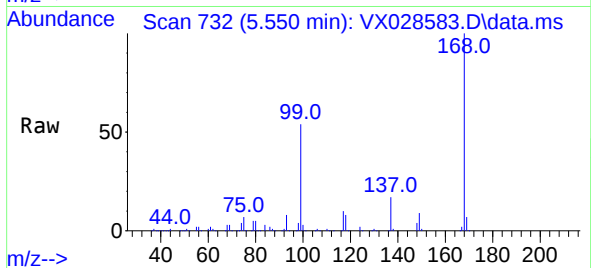
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

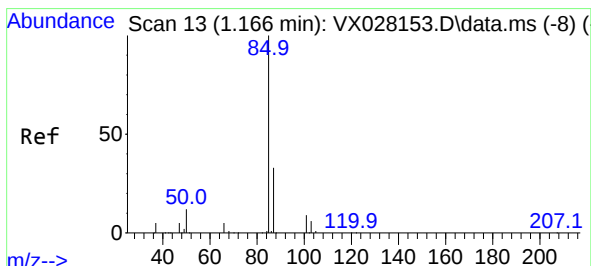
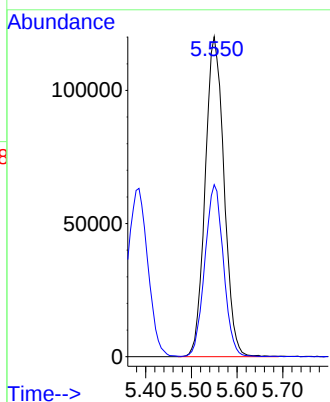
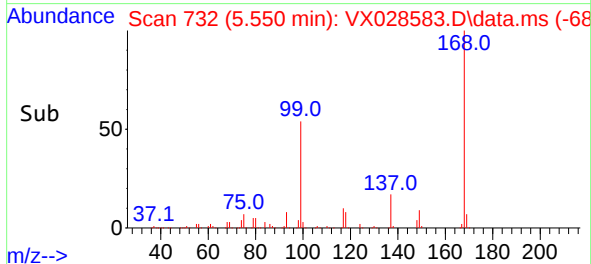
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 34403
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5

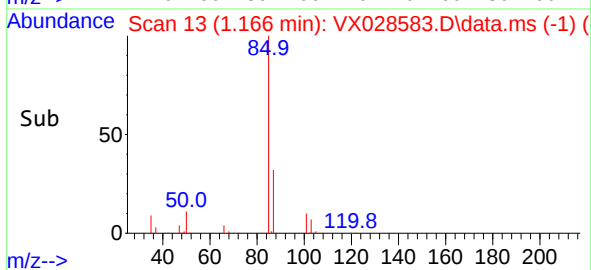
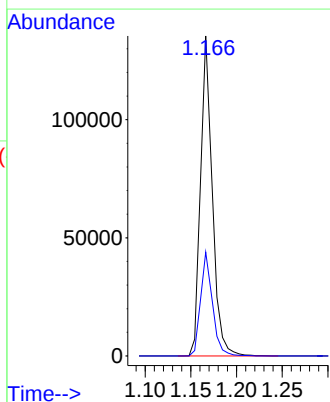
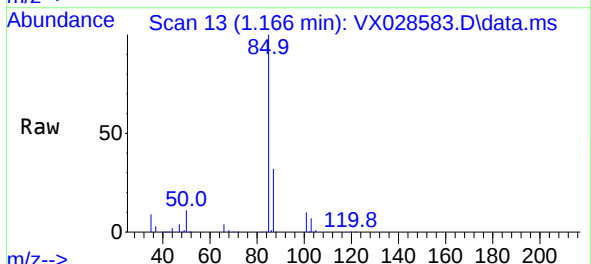
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#2
Dichlorodifluoromethane
Concen: 54.604 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

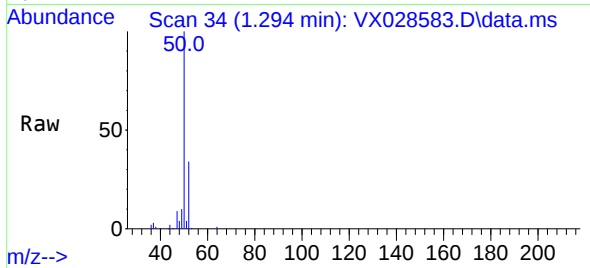
Tgt Ion: 85 Resp: 121267
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 50.285 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

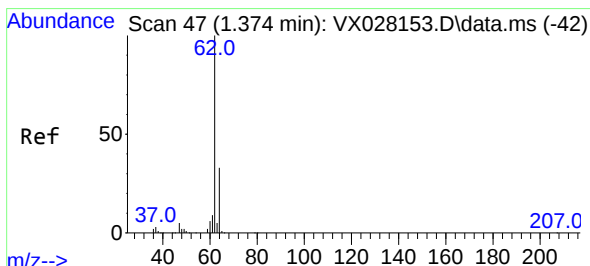
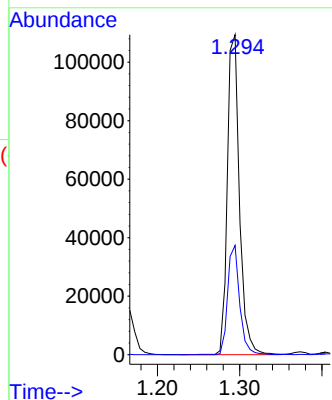
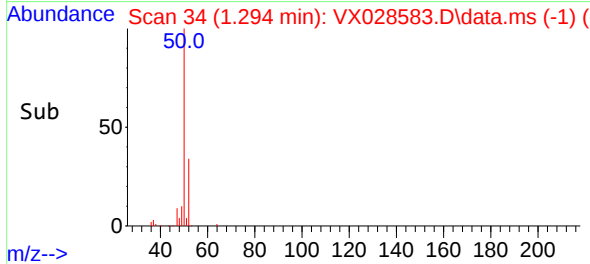
Instrument :
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Tgt Ion: 50 Resp: 11255
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

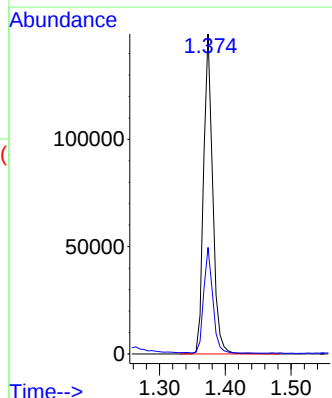
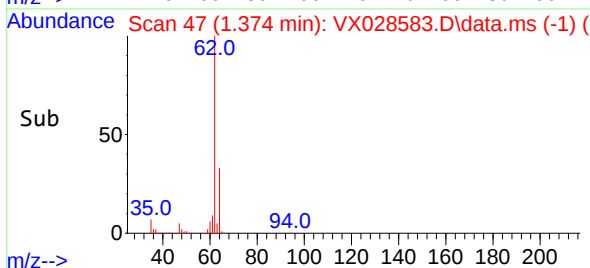
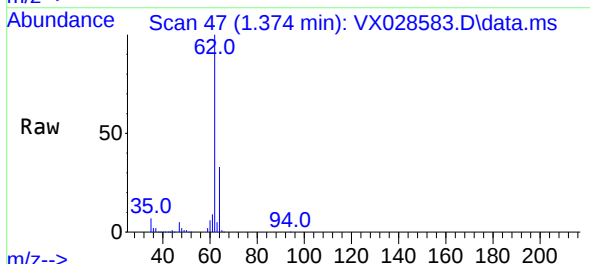
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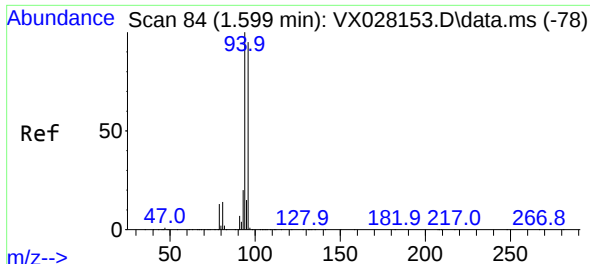
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Vinyl Chloride
Concen: 41.557 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

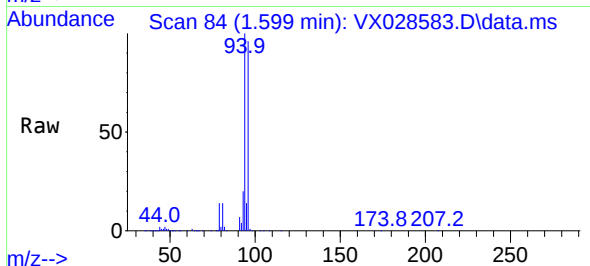
Tgt Ion: 62 Resp: 144132
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3





#5
Bromomethane
Concen: 50.042 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

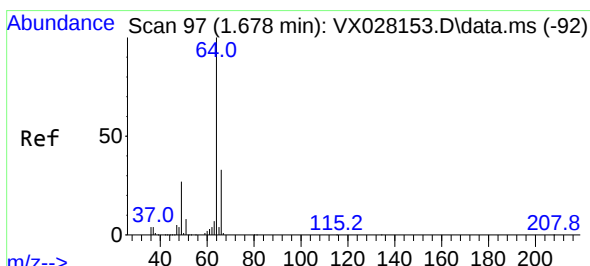
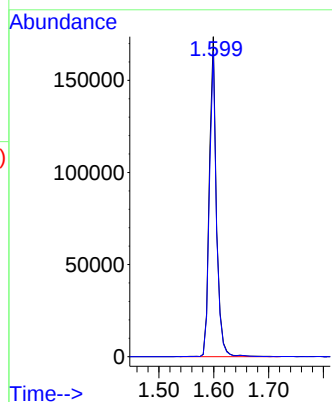
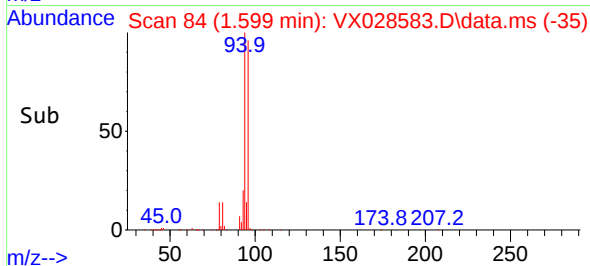
Instrument :
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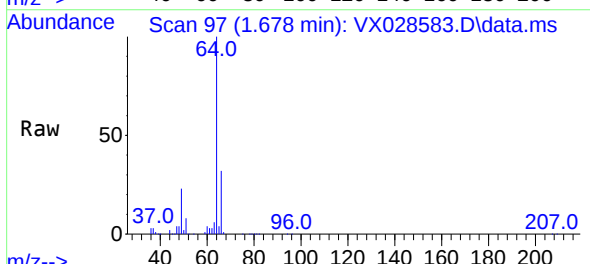
Tgt Ion: 94 Resp: 154614
Ion Ratio Lower Upper
94 100
96 95.5 75.3 112.9

Manual Integrations
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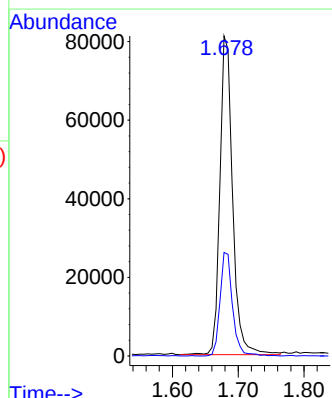
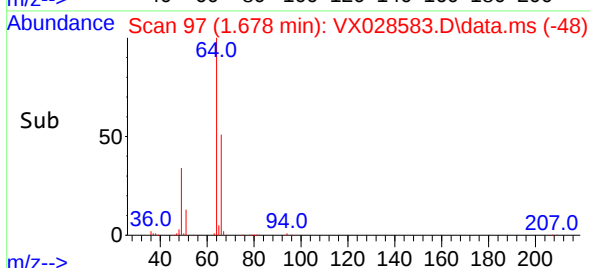
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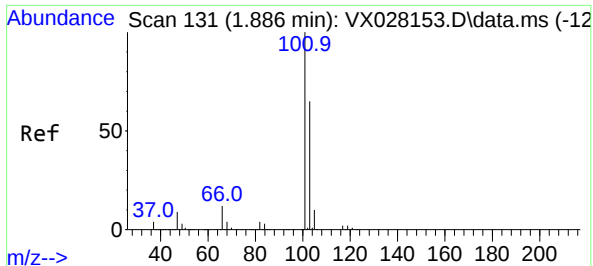


#6
Chloroethane
Concen: 43.582 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028583.D
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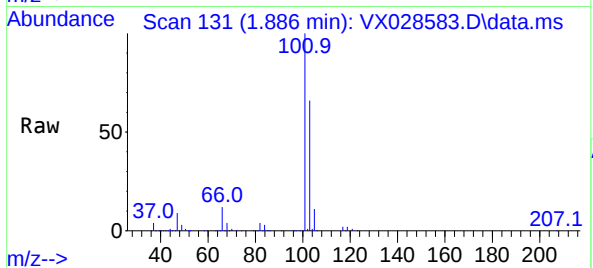
Tgt Ion: 64 Resp: 109263
Ion Ratio Lower Upper
64 100
66 32.5 25.3 37.9





#7
Trichlorofluoromethane
Concen: 37.416 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028583.D
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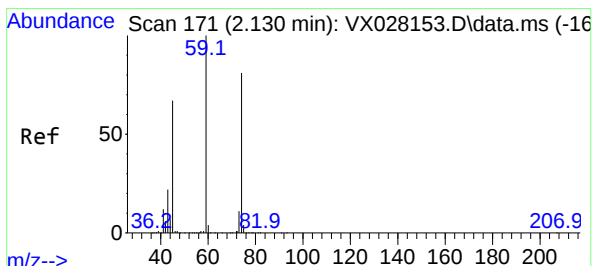
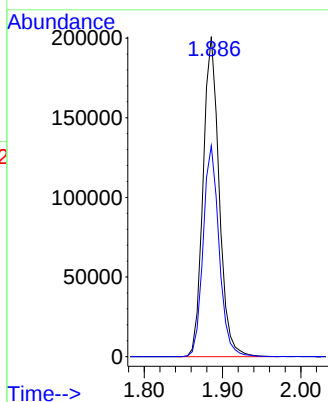
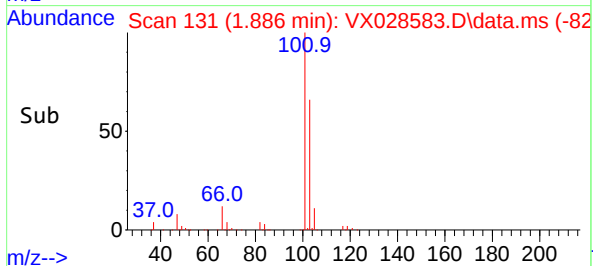
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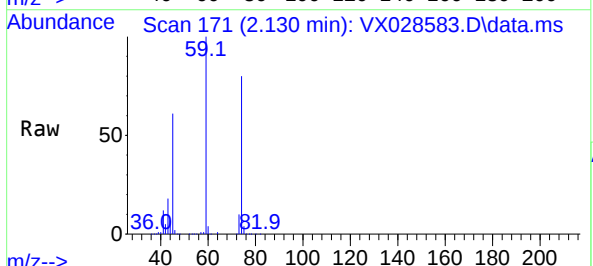
Tgt Ion:101 Resp: 286164
Ion Ratio Lower Upper
101 100
103 65.9 50.5 75.7

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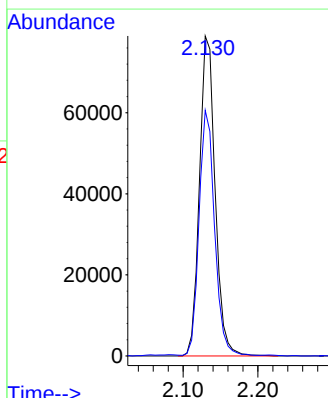
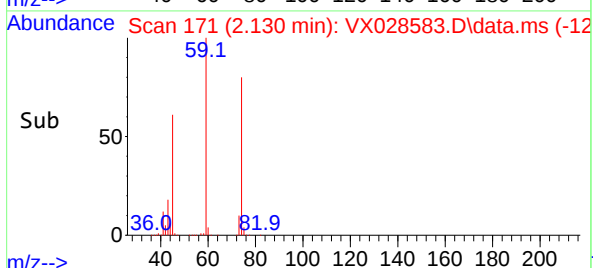
Reviewed By :John Carlone 05/11/2022
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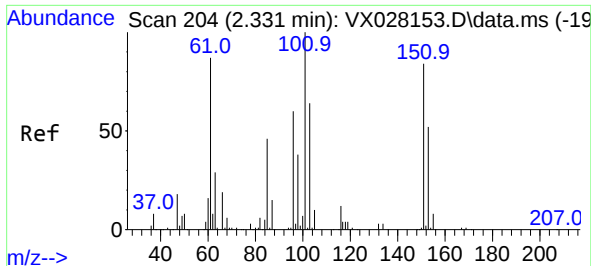


#8
Diethyl Ether
Concen: 49.929 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 114740
Ion Ratio Lower Upper
74 100
45 75.9 42.0 126.0





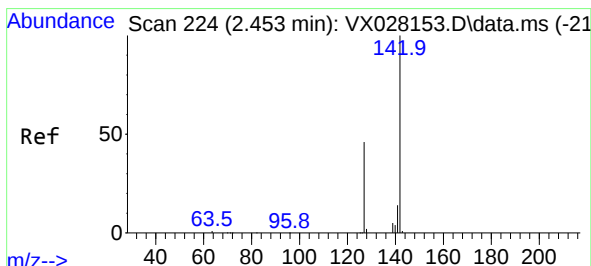
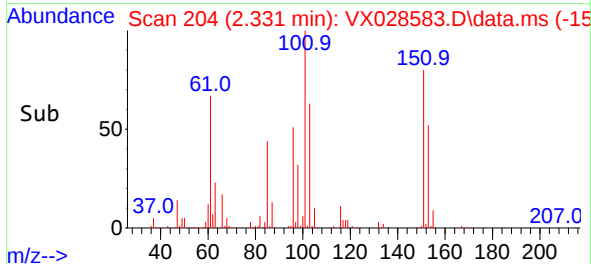
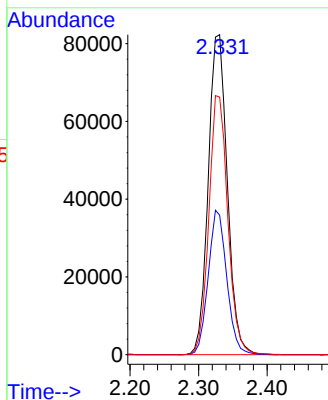
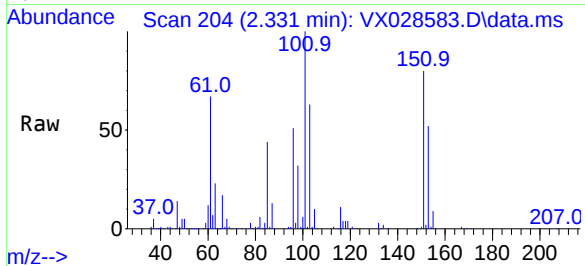
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.352 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028583.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15978
Ion Ratio Lower Upper
101 100
85 43.9 33.5 50.3
151 80.3 61.8 92.6

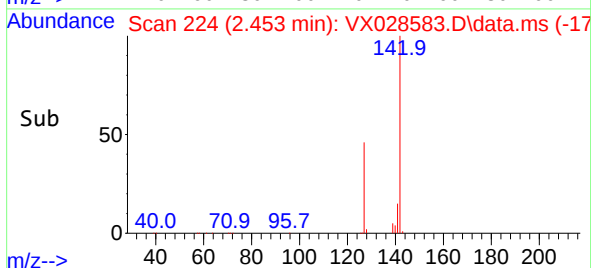
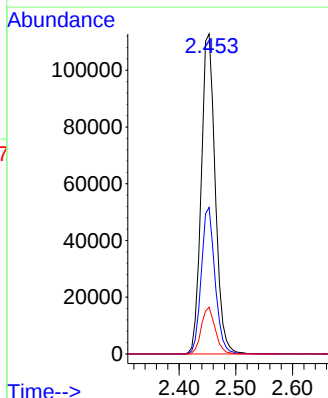
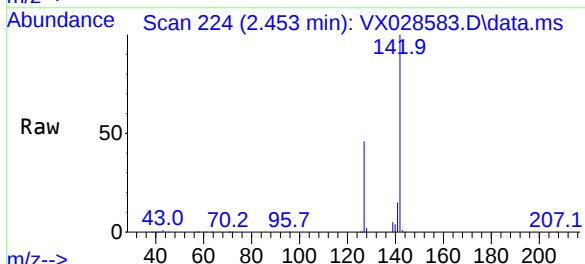
Manual Integrations
APPROVED

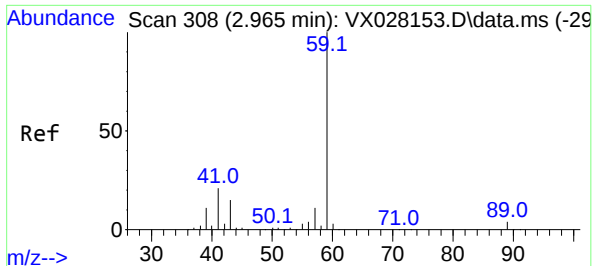
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#10
Methyl Iodide
Concen: 50.886 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

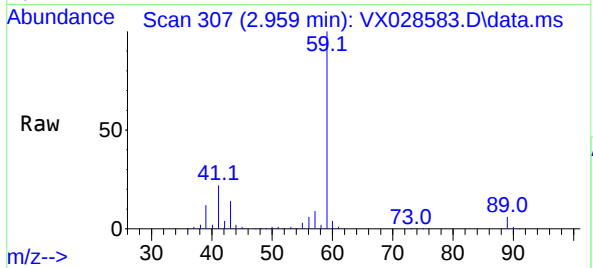
Tgt Ion:142 Resp: 194276
Ion Ratio Lower Upper
142 100
127 44.9 33.9 50.9
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.400 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

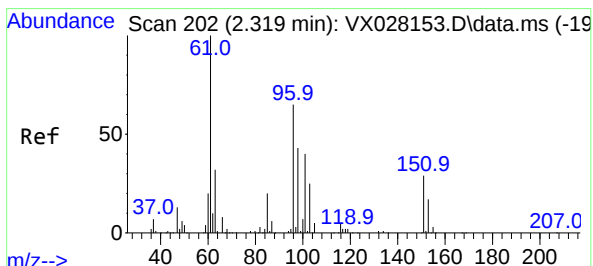
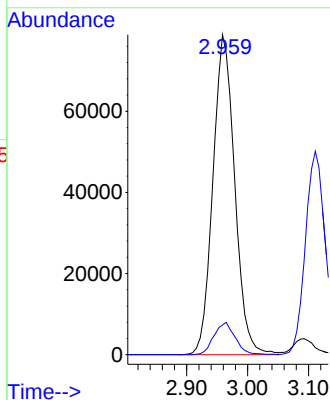
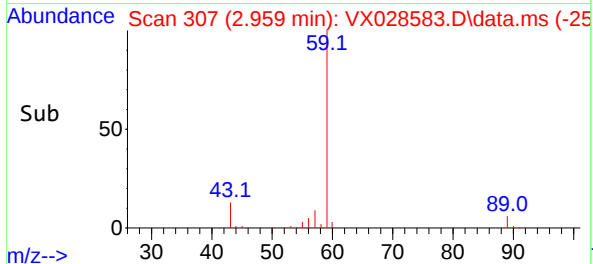
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



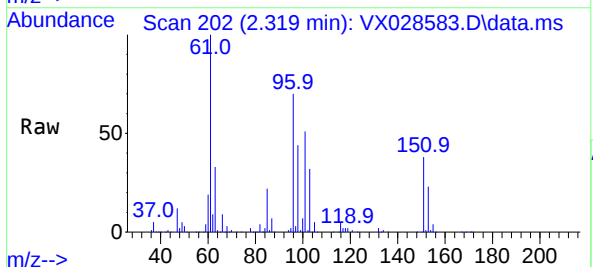
Tgt Ion: 59 Resp: 196124
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

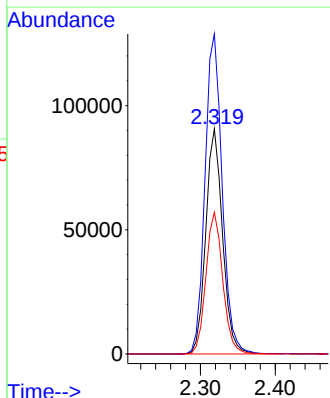
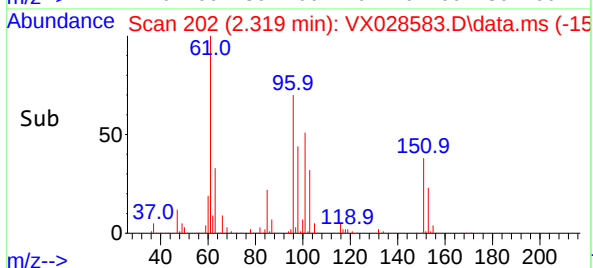
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

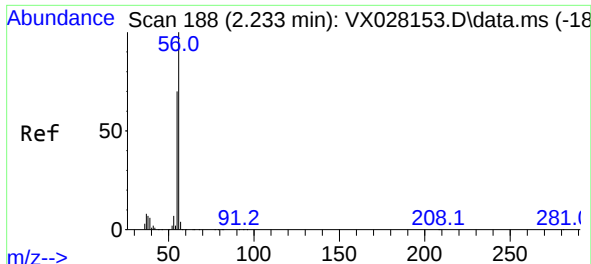


#12
1,1-Dichloroethene
Concen: 53.557 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



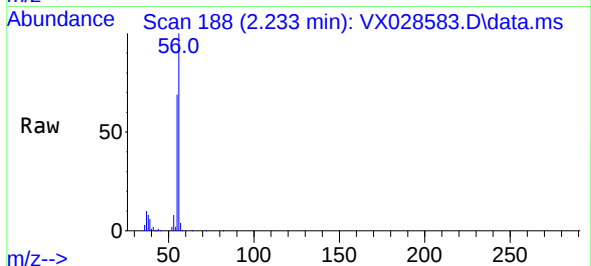
Tgt Ion: 96 Resp: 141606
Ion Ratio Lower Upper
96 100
61 142.2 124.6 187.0
98 63.0 51.0 76.4





#13
Acrolein
Concen: 232.491 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

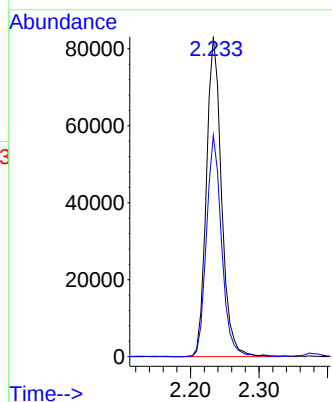
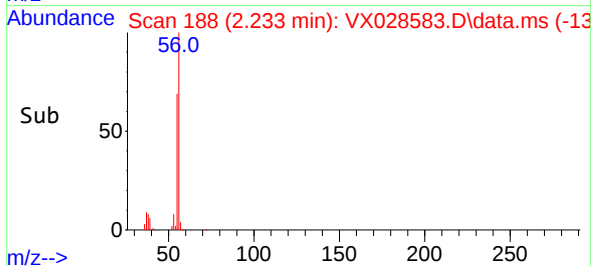
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



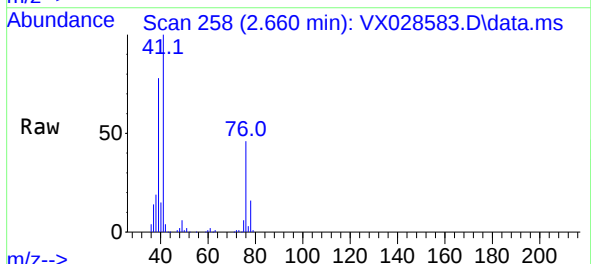
Tgt Ion: 56 Resp: 127815
Ion Ratio Lower Upper
56 100
55 69.4 55.0 82.6

Manual Integrations
APPROVED

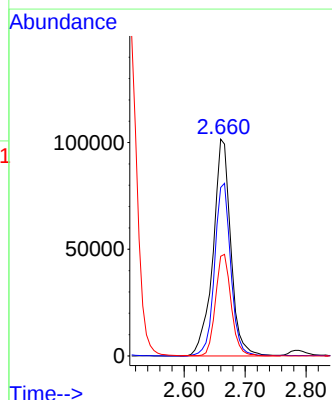
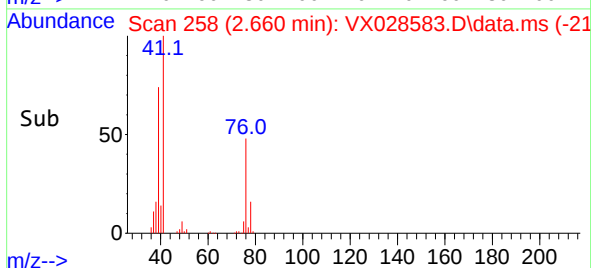
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

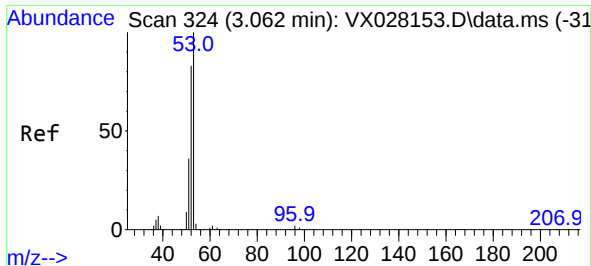


#14
Allyl chloride
Concen: 46.471 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



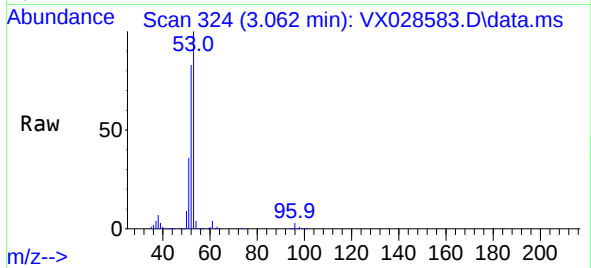
Tgt Ion: 41 Resp: 206170
Ion Ratio Lower Upper
41 100
39 72.5 50.4 75.6
76 40.9 32.7 49.1





#15
Acrylonitrile
Concen: 253.142 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

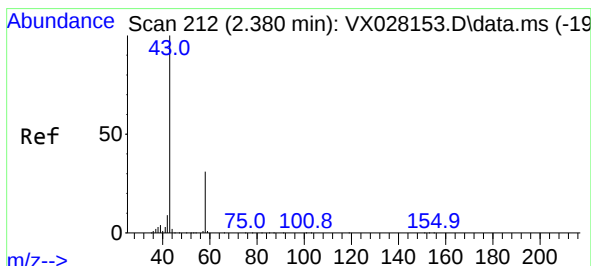
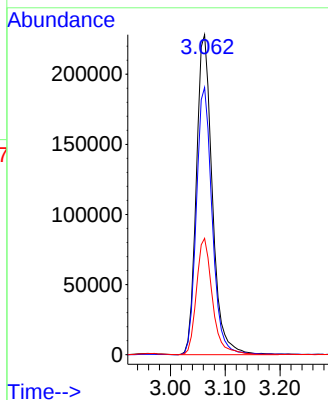
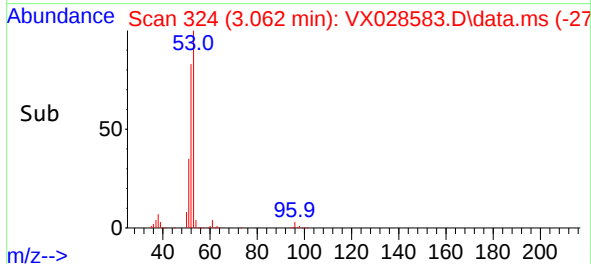
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



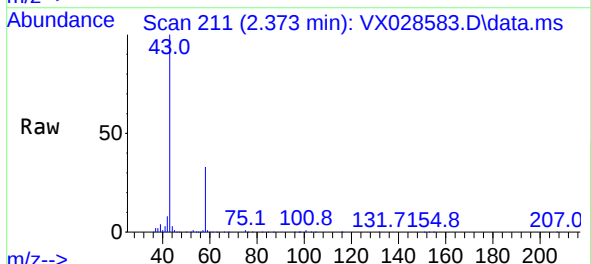
Tgt Ion: 53 Resp: 462759
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 36.4 28.4 42.6

Manual Integrations
APPROVED

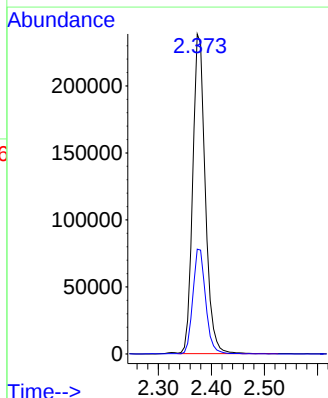
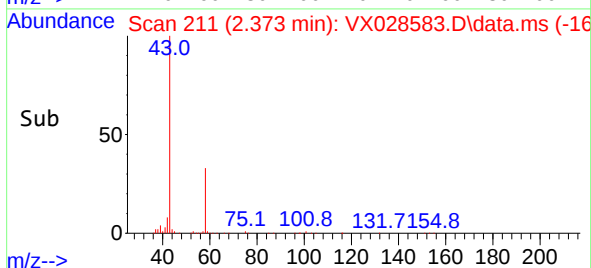
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

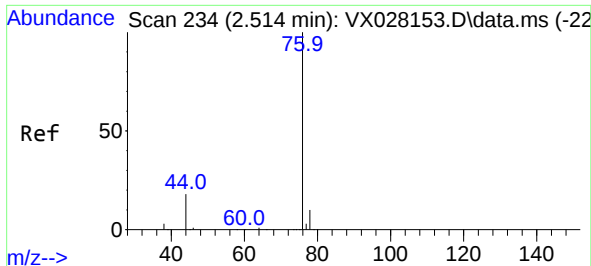


#16
Acetone
Concen: 285.959 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



Tgt Ion: 43 Resp: 391522
Ion Ratio Lower Upper
43 100
58 32.8 28.8 43.2





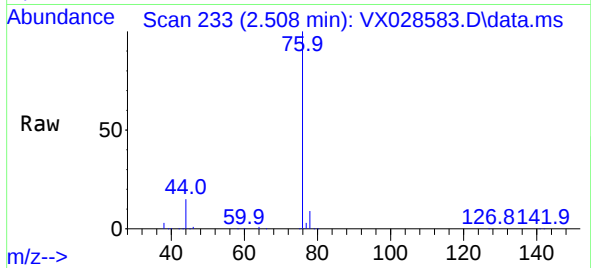
#17
Carbon Disulfide
Concen: 35.601 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

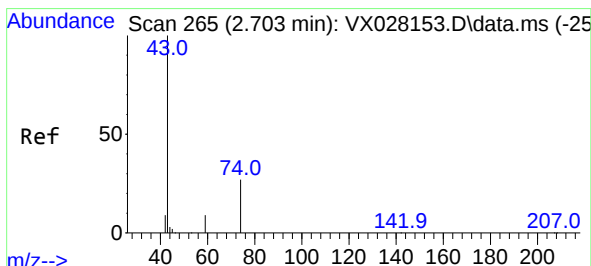
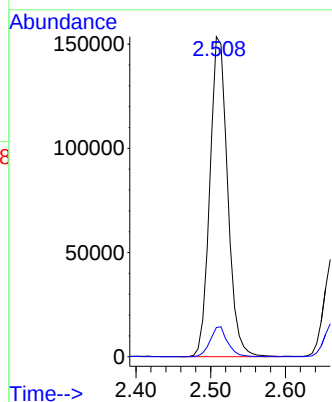
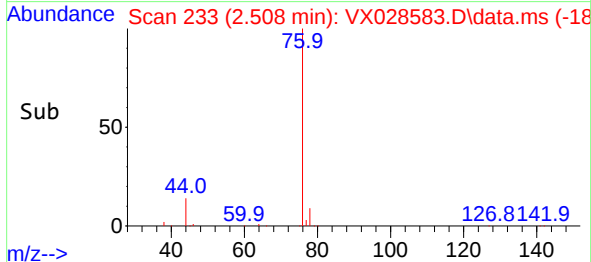


Tgt Ion: 76 Resp: 253489
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

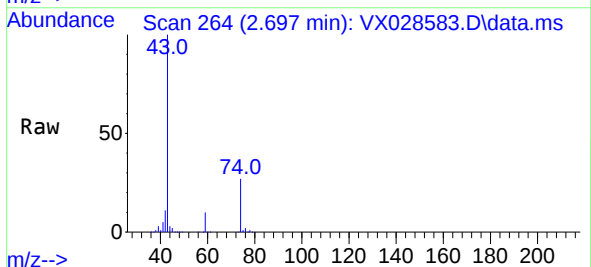
Manual Integrations

APPROVED

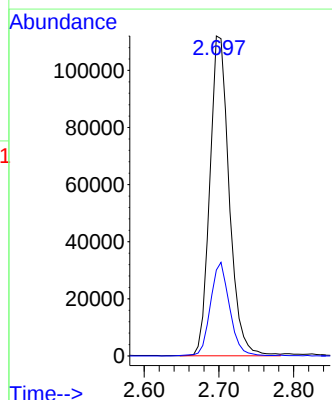
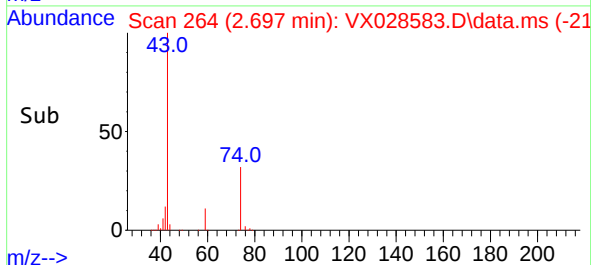
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

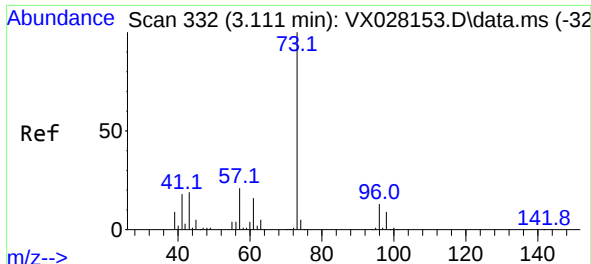


#18
Methyl Acetate
Concen: 50.723 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



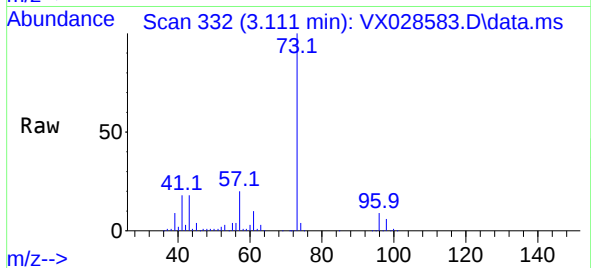
Tgt Ion: 43 Resp: 202306
Ion Ratio Lower Upper
43 100
74 28.9 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 51.980 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

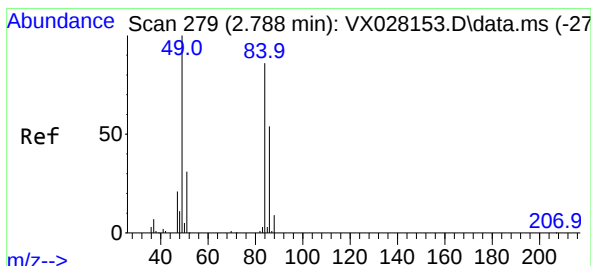
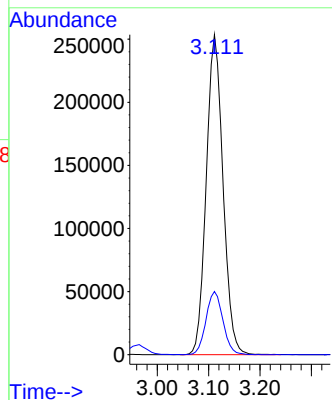
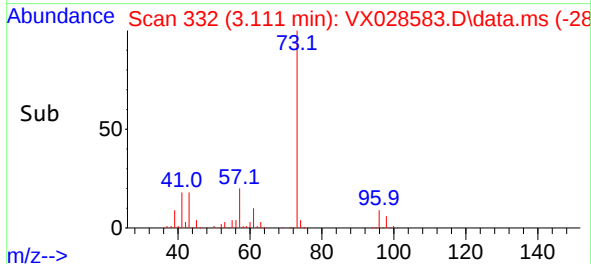
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 57310
Ion Ratio Lower Upper
73 100
57 19.7 16.8 25.2

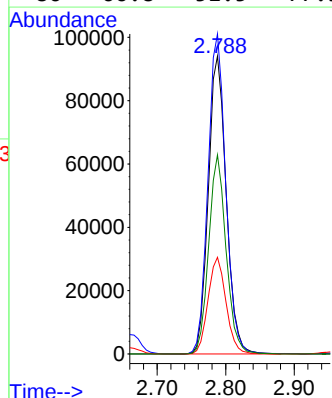
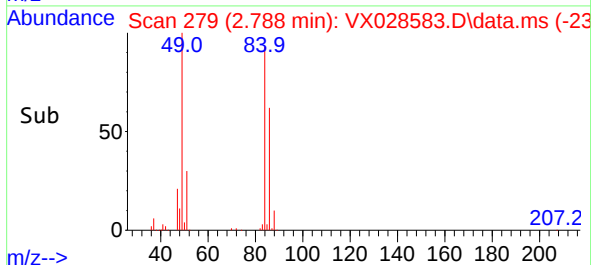
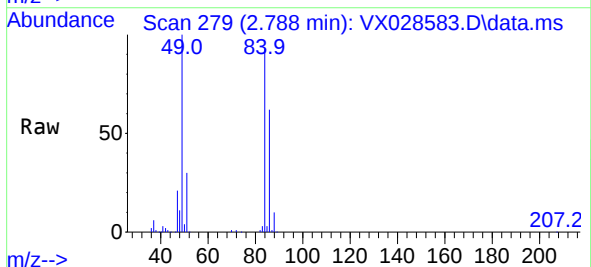
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#20
Methylene Chloride
Concen: 51.493 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

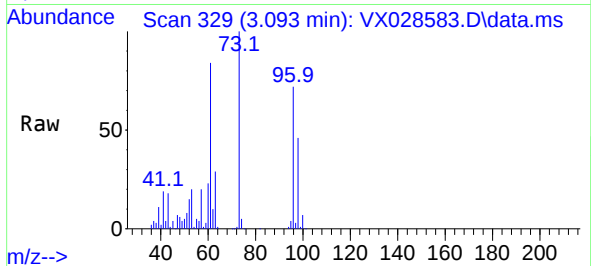
Tgt Ion: 84 Resp: 171388
Ion Ratio Lower Upper
84 100
49 107.4 85.5 128.3
51 32.4 26.6 39.8
86 66.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 44.220 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

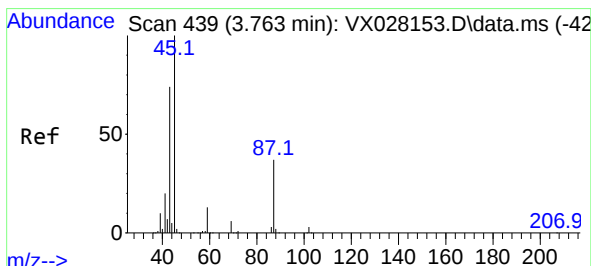
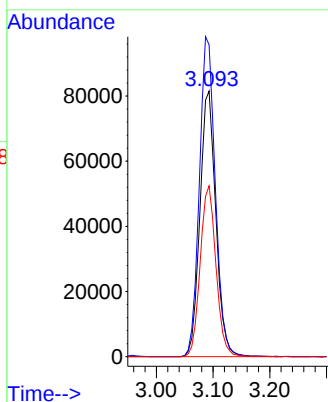
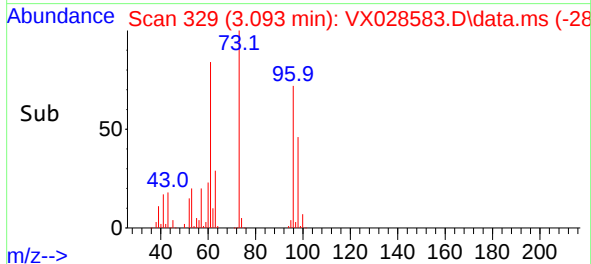
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



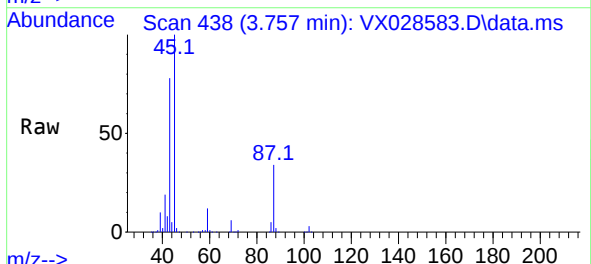
Tgt Ion: 96 Resp: 159000
Ion Ratio Lower Upper
96 100
61 117.4 105.4 158.2
98 64.4 50.0 75.0

Manual Integrations
APPROVED

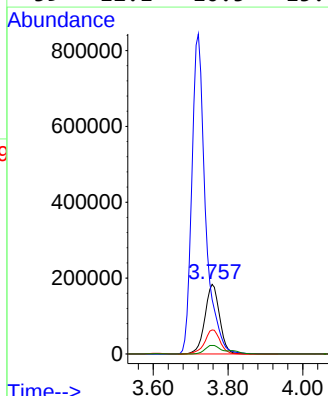
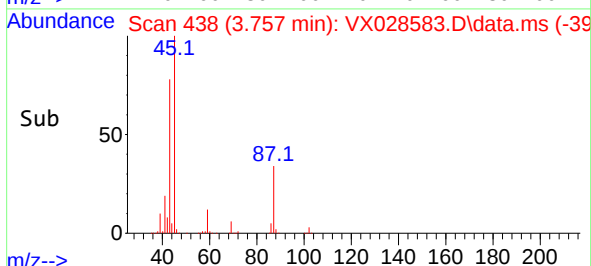
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

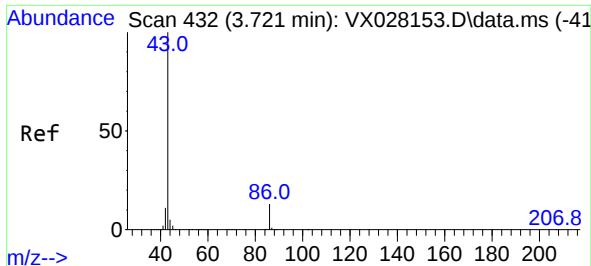


#22
Diisopropyl ether
Concen: 49.235 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



Tgt Ion: 45 Resp: 497512
Ion Ratio Lower Upper
45 100
43 78.1 50.8 76.2#
87 34.4 26.6 39.8
59 12.1 10.5 15.7





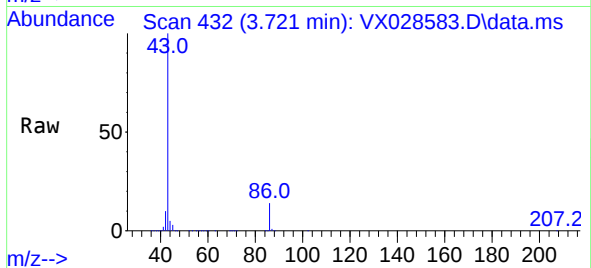
#23
 Vinyl Acetate
 Concen: 242.233 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028583.D
 Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



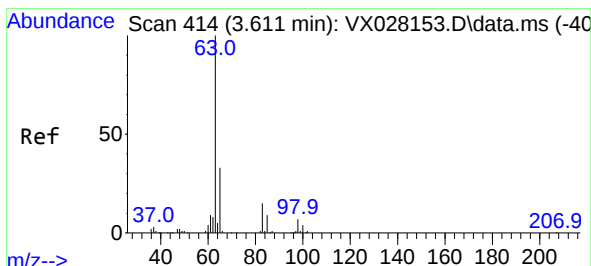
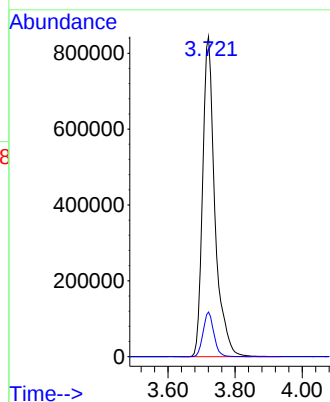
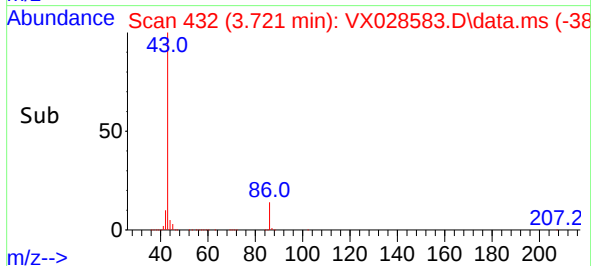
Tgt Ion: 43 Resp: 213845
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.8 16.2

Manual Integrations

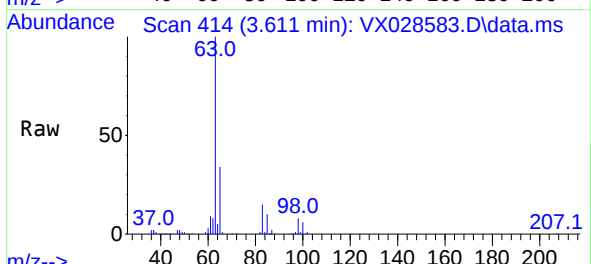
APPROVED

Reviewed By :John Carlone 05/11/2022

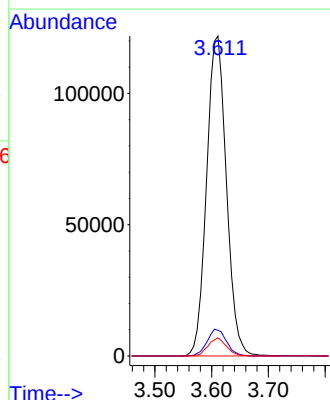
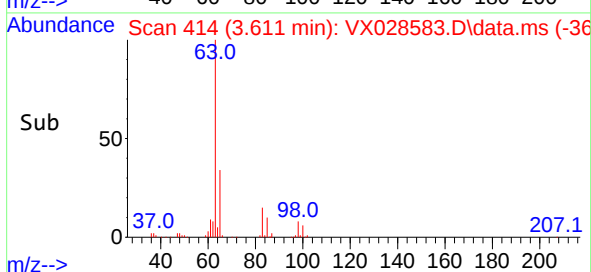
Supervised By :Mahesh Dadoda 05/11/2022

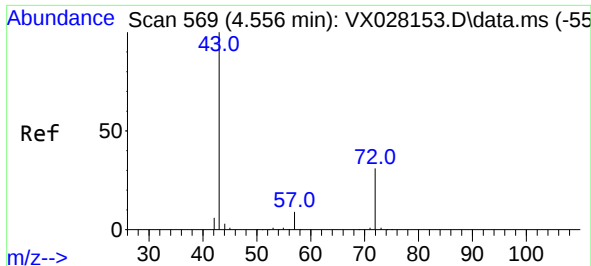


#24
 1,1-Dichloroethane
 Concen: 49.524 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX028583.D
 Acq: 10 May 2022 10:12



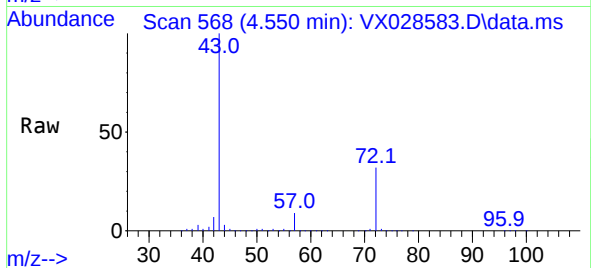
Tgt Ion: 63 Resp: 295484
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.7 2.4 7.2





#25
2-Butanone
Concen: 238.620 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

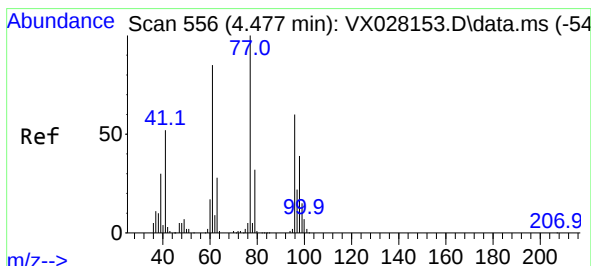
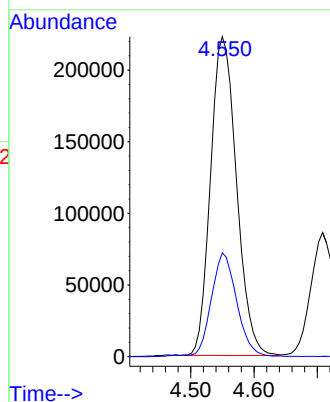
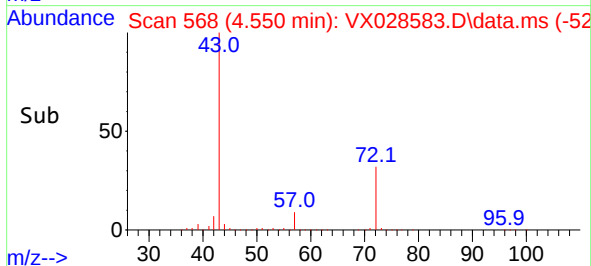
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



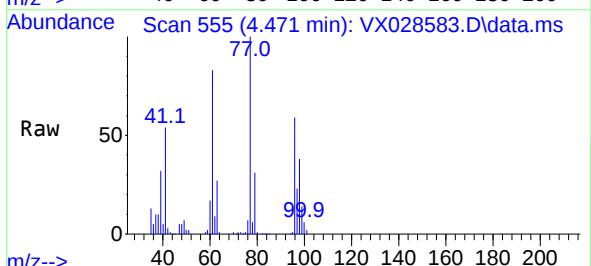
Tgt Ion: 43 Resp: 633938
Ion Ratio Lower Upper
43 100
72 32.3 24.4 36.6

Manual Integrations
APPROVED

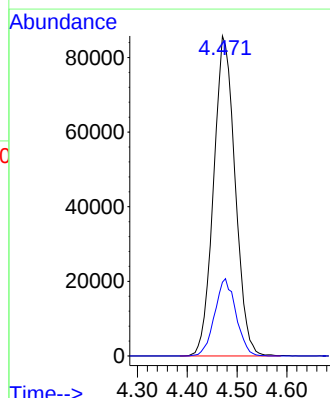
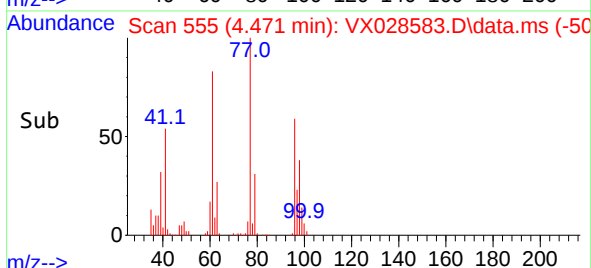
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#26
2,2-Dichloropropane
Concen: 44.167 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



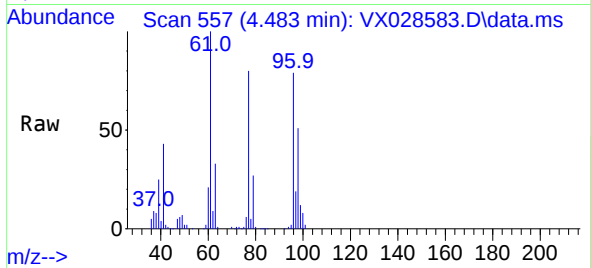
Tgt Ion: 77 Resp: 257296
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 48.544 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

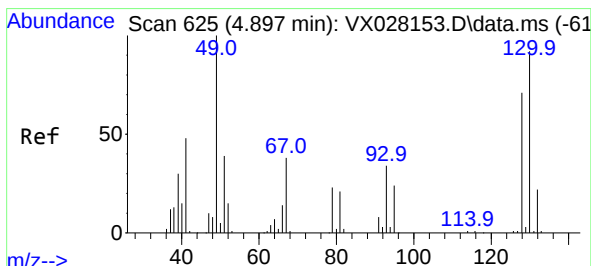
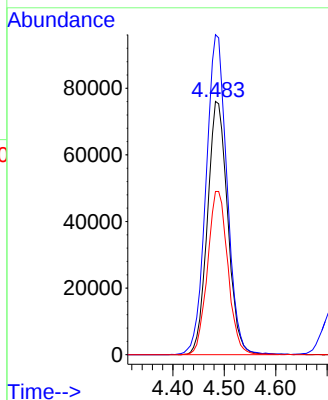
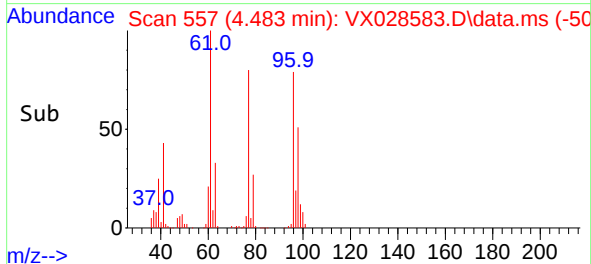
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 20813
Ion Ratio Lower Upper
96 100
61 130.7 0.0 283.8
98 65.0 0.0 129.8

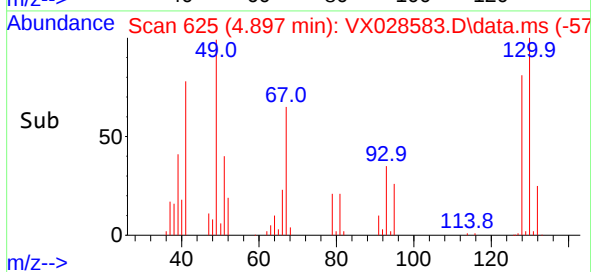
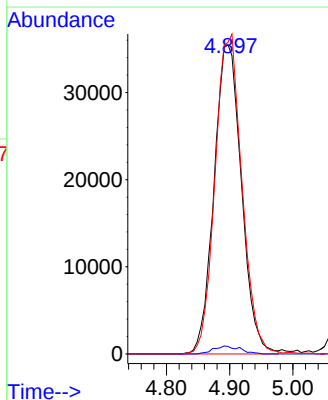
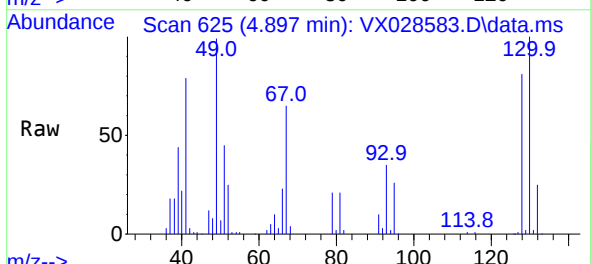
Manual Integrations
APPROVED

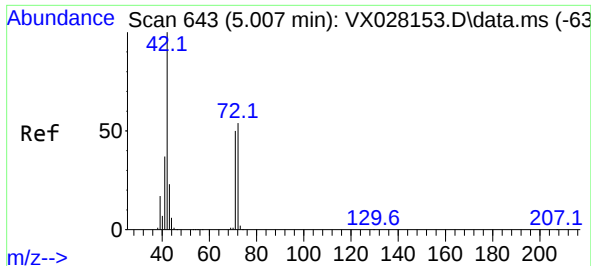
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#28
Bromochloromethane
Concen: 41.668 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

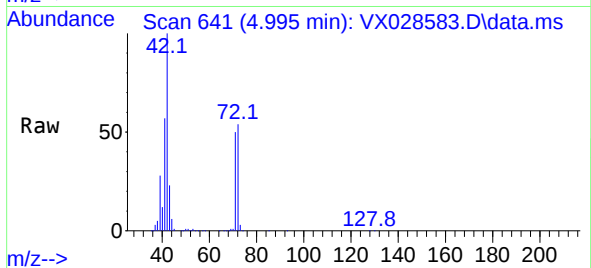
Tgt Ion: 49 Resp: 106665
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 101.3 70.7 106.1





#29
Tetrahydrofuran
Concen: 227.059 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.012 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

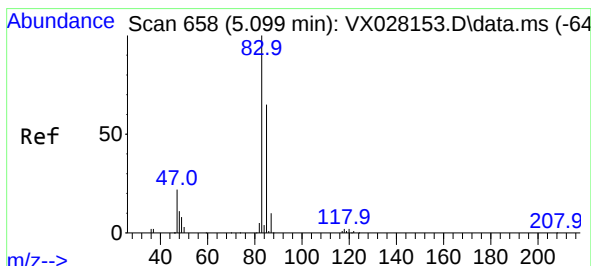
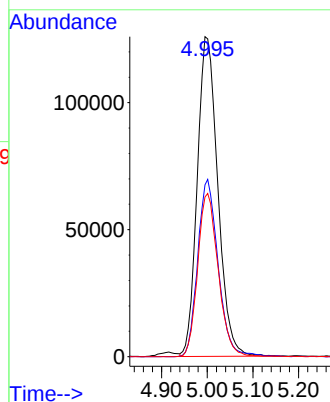
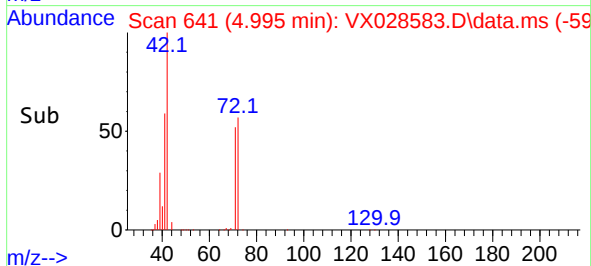
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 393324
Ion Ratio Lower Upper
42 100
72 55.2 44.1 66.1
71 50.9 40.5 60.7

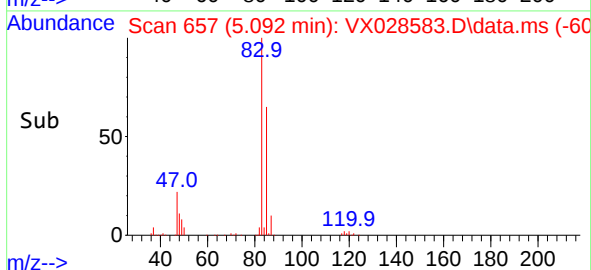
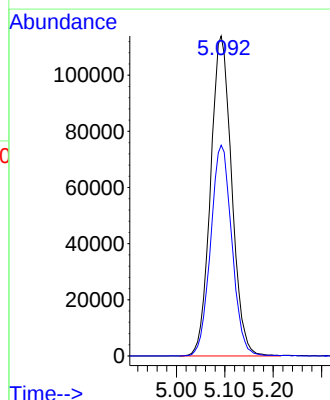
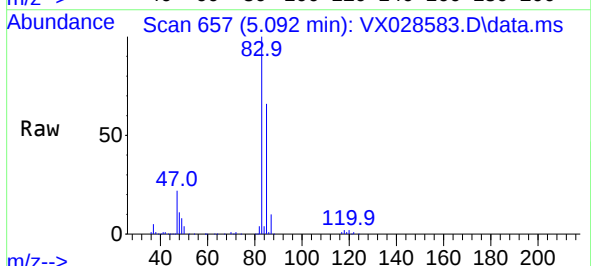
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#30
Chloroform
Concen: 48.195 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.007 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

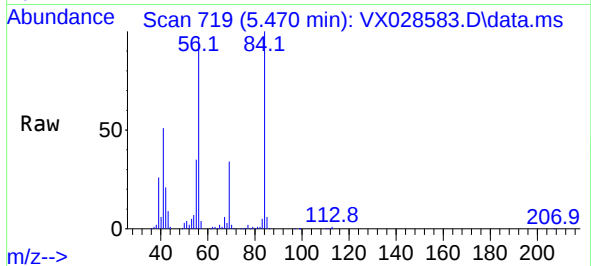
Tgt Ion: 83 Resp: 345336
Ion Ratio Lower Upper
83 100
85 65.8 52.7 79.1





#31
Cyclohexane
Concen: 39.356 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

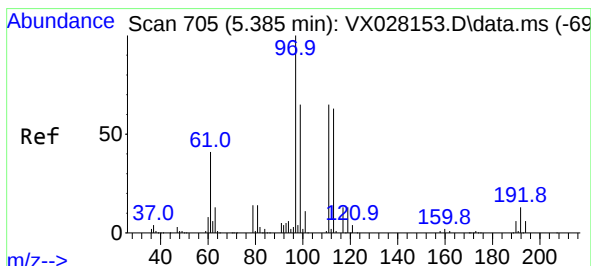
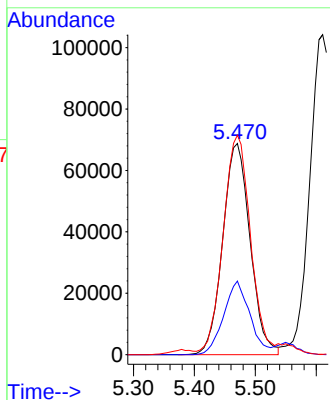
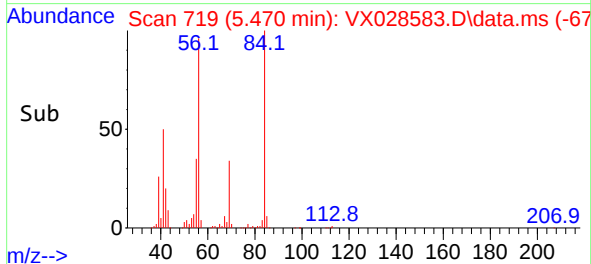
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



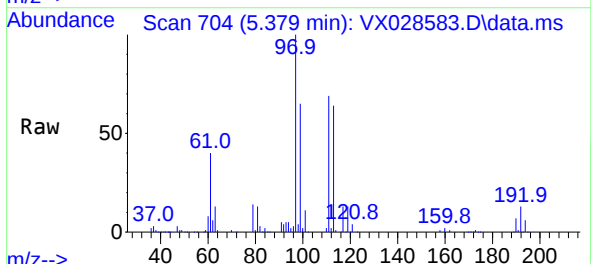
Tgt Ion: 56 Resp: 215092
Ion Ratio Lower Upper
56 100
69 34.9 26.7 40.1
84 102.0 77.2 115.8

Manual Integrations
APPROVED

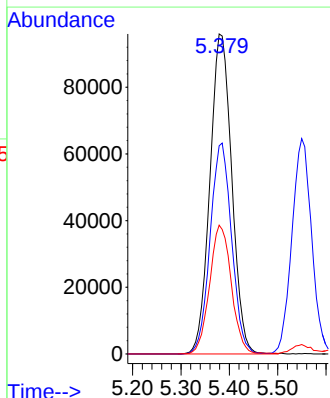
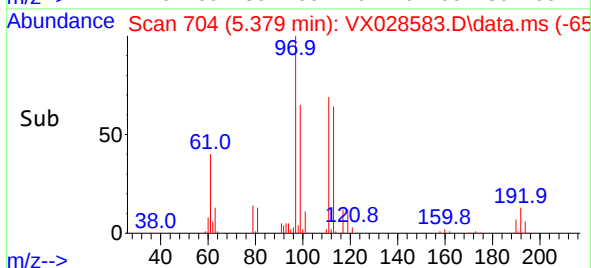
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

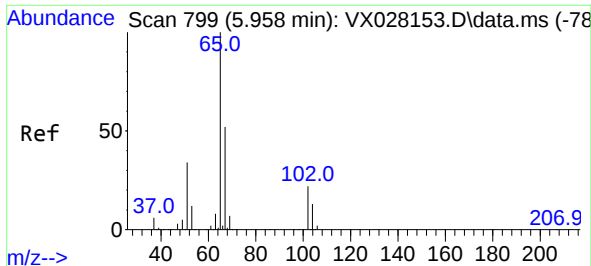


#32
1,1,1-Trichloroethane
Concen: 46.370 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



Tgt Ion: 97 Resp: 300869
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 40.1 34.0 51.0





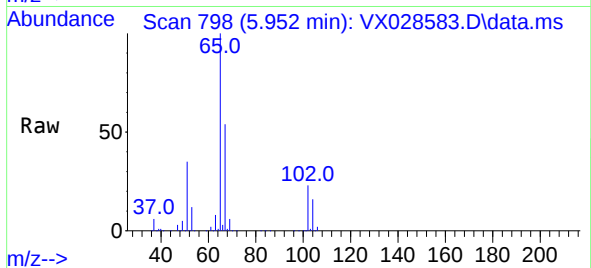
#33
1,2-Dichloroethane-d4
Concen: 44.425 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



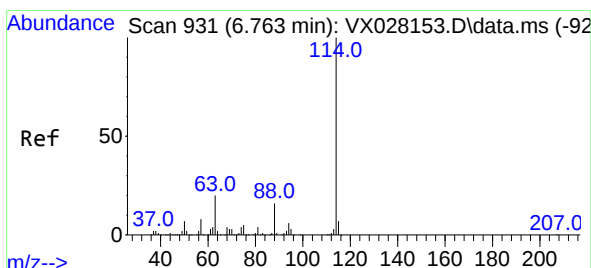
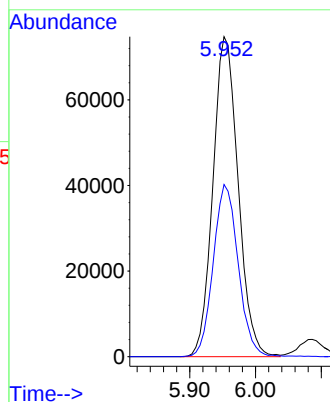
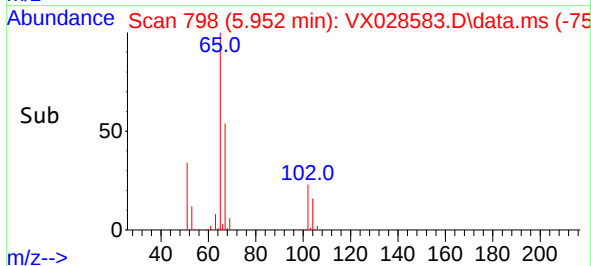
Tgt Ion: 65 Resp: 199285
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4

Manual Integrations

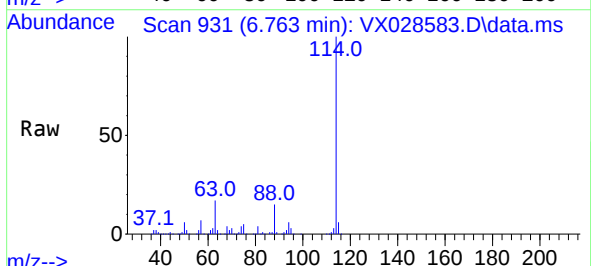
APPROVED

Reviewed By :John Carlone 05/11/2022

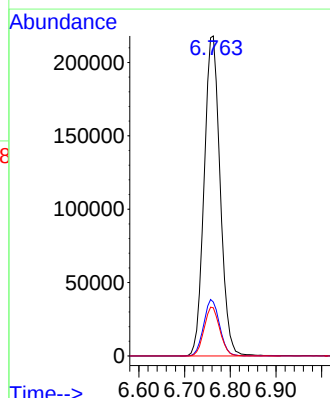
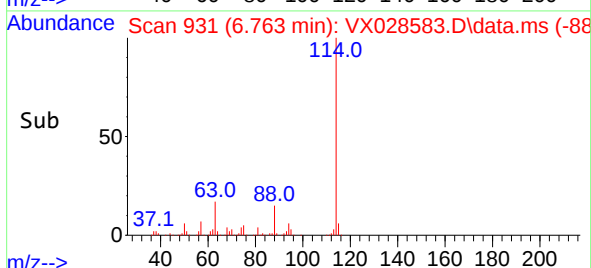
Supervised By :Mahesh Dadoda 05/11/2022

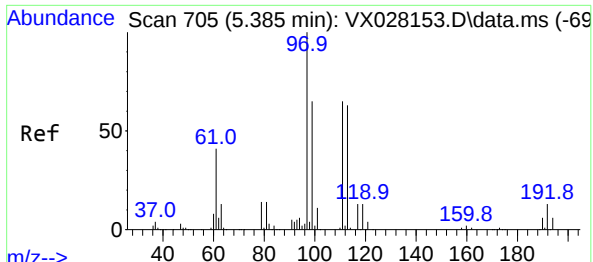


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



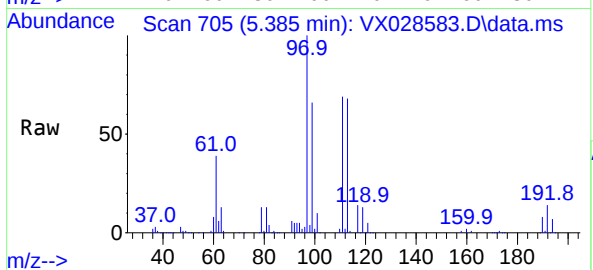
Tgt Ion:114 Resp: 529312
Ion Ratio Lower Upper
114 100
63 16.8 0.0 36.8
88 15.1 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.843 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

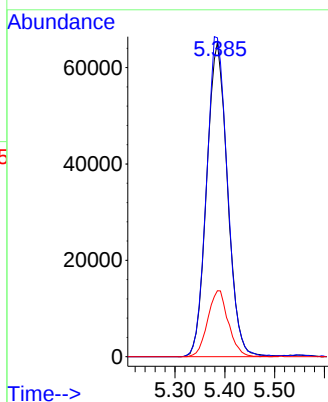
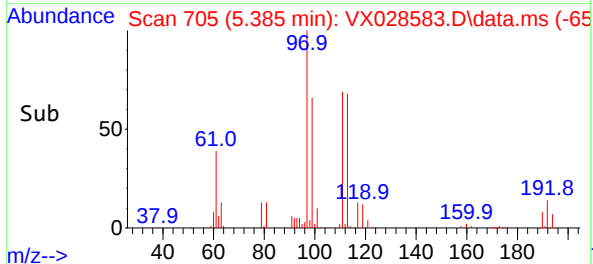
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



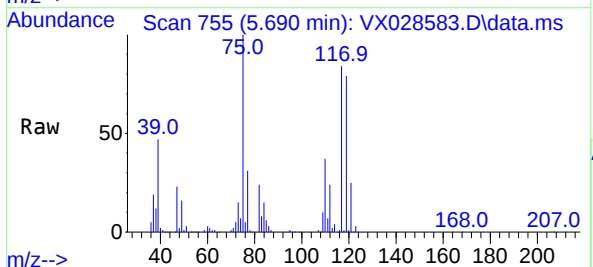
Tgt Ion: 113 Resp: 188729
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.8 16.9 25.3

Manual Integrations
APPROVED

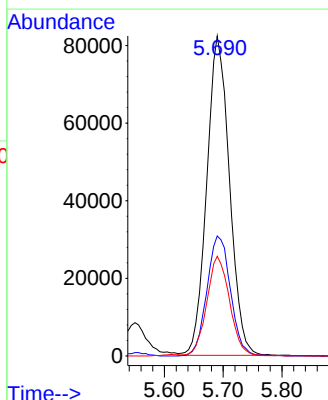
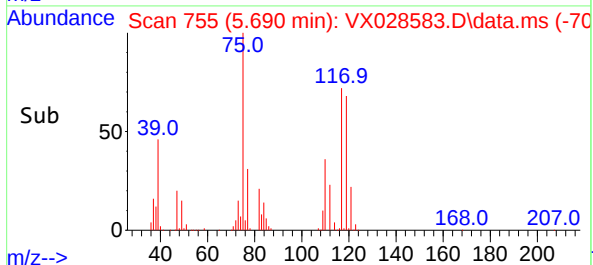
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

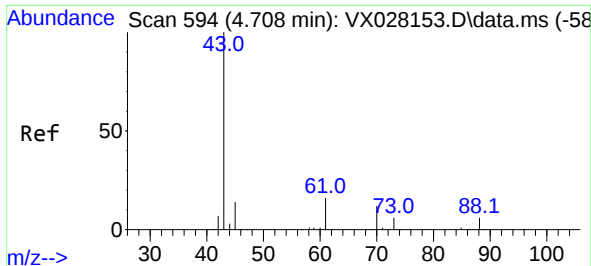


#36
1,1-Dichloropropene
Concen: 45.664 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



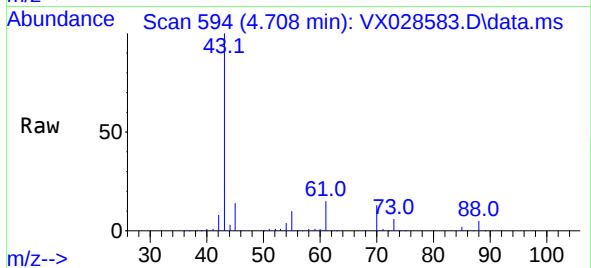
Tgt Ion: 75 Resp: 221103
Ion Ratio Lower Upper
75 100
110 39.0 18.3 54.8
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 49.858 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

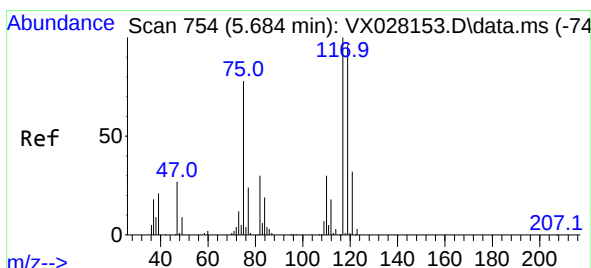
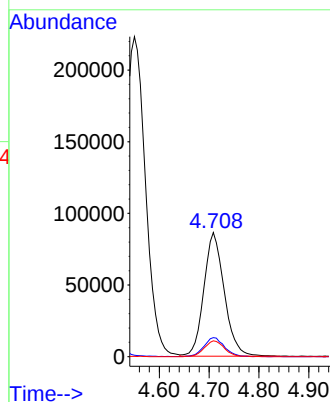
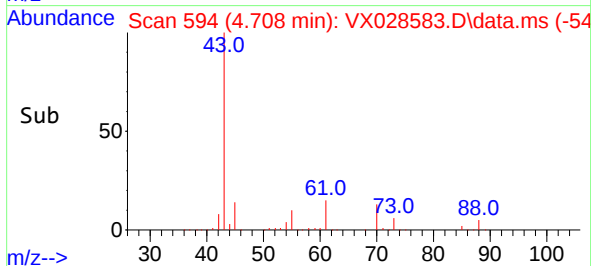
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



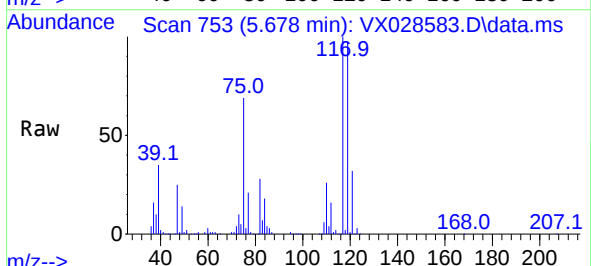
Tgt Ion: 43 Resp: 244958
Ion Ratio Lower Upper
43 100
61 15.7 12.6 19.0
70 12.7 10.2 15.2

Manual Integrations
APPROVED

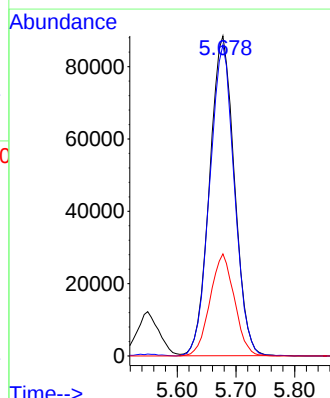
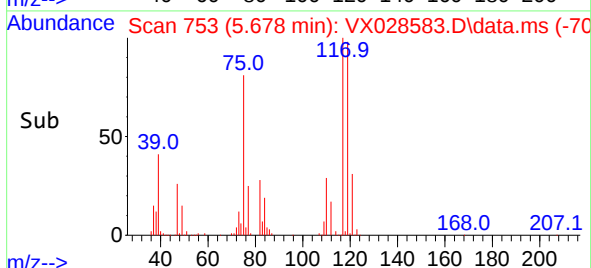
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

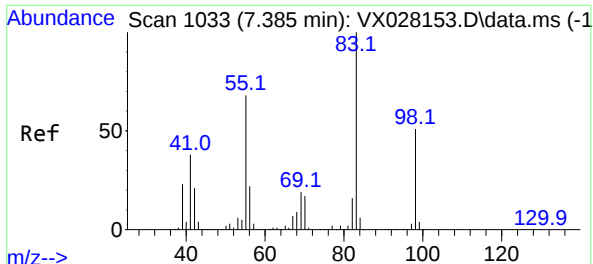


#38
Carbon Tetrachloride
Concen: 47.439 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



Tgt Ion:117 Resp: 259305
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 39.617 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 242038

Ion Ratio Lower Upper

83 100

55 66.3 54.6 81.8

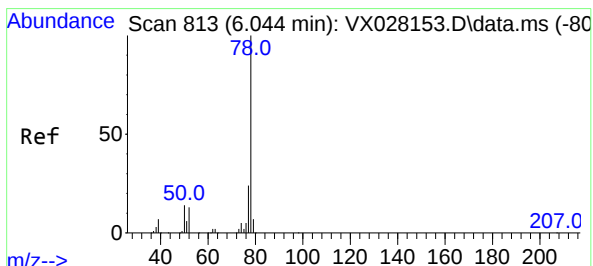
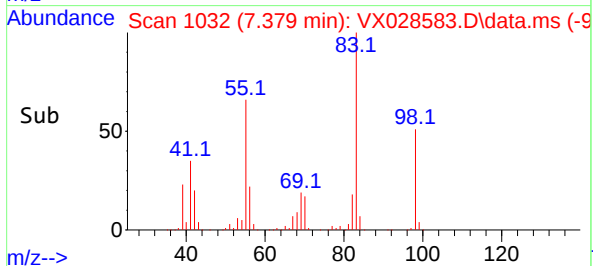
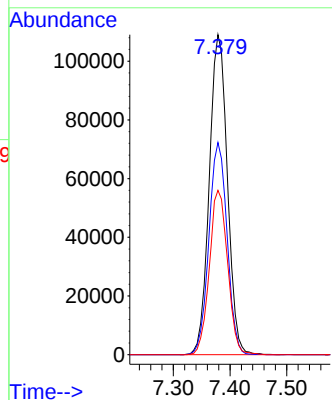
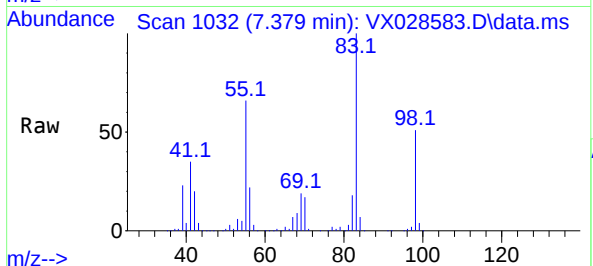
98 51.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#40

Benzene

Concen: 48.340 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX028583.D

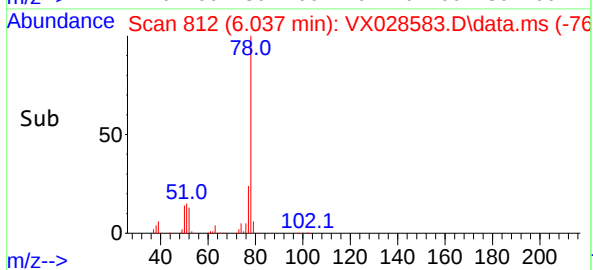
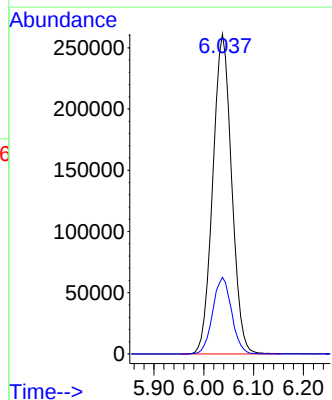
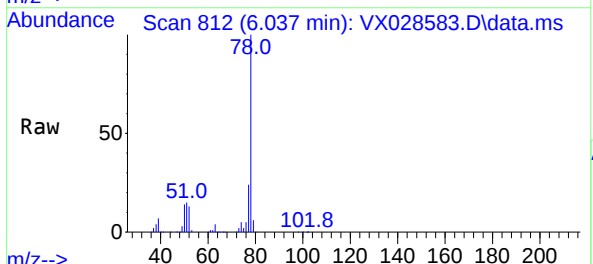
Acq: 10 May 2022 10:12

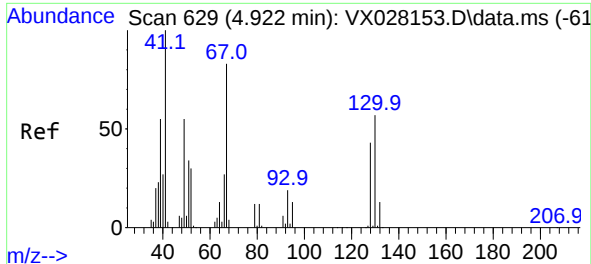
Tgt Ion: 78 Resp: 685144

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9





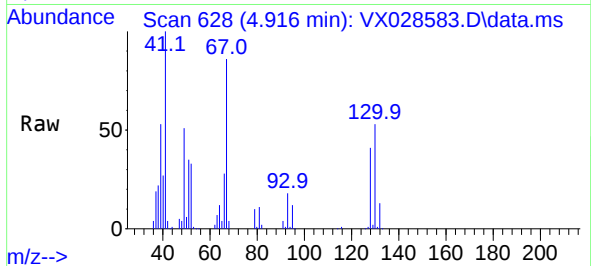
#41
Methacrylonitrile
Concen: 53.055 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



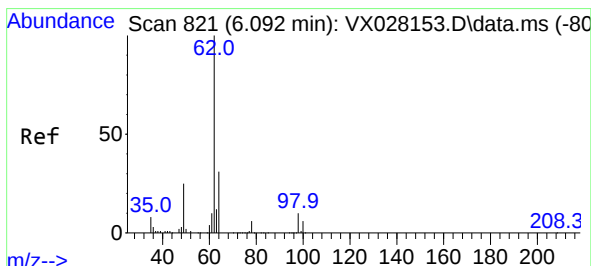
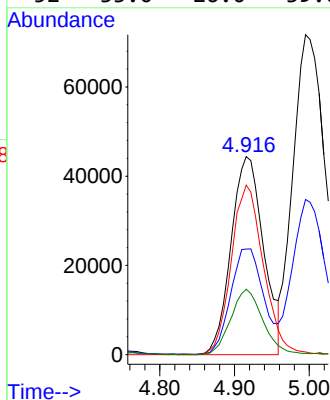
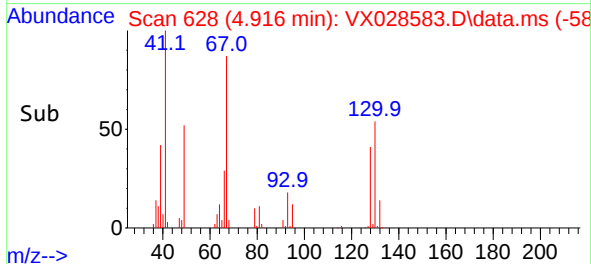
Tgt Ion: 41 Resp: 13448
Ion Ratio Lower Upper
41 100
39 52.8 43.0 64.4
67 84.9 70.2 105.4
52 33.0 26.0 39.0

Manual Integrations

APPROVED

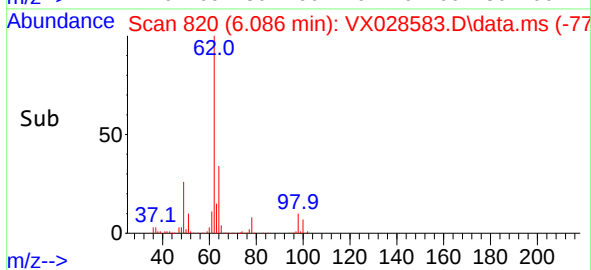
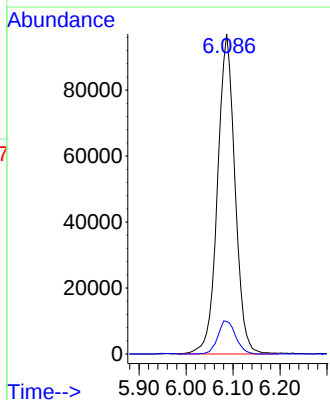
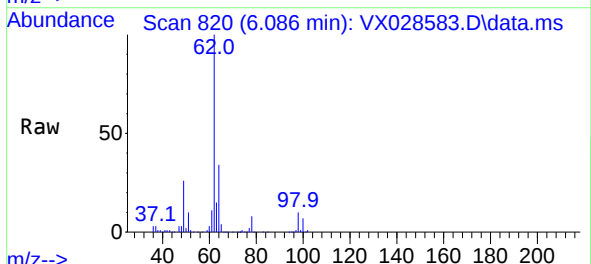
Reviewed By :John Carlone 05/11/2022

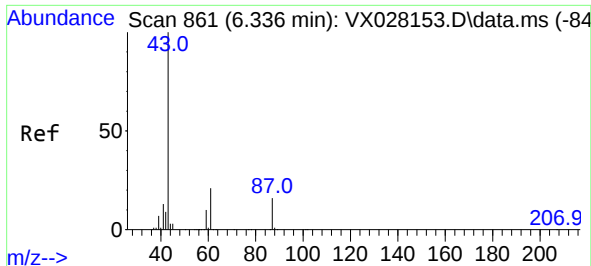
Supervised By :Mahesh Dadoda 05/11/2022



#42
1,2-Dichloroethane
Concen: 47.764 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

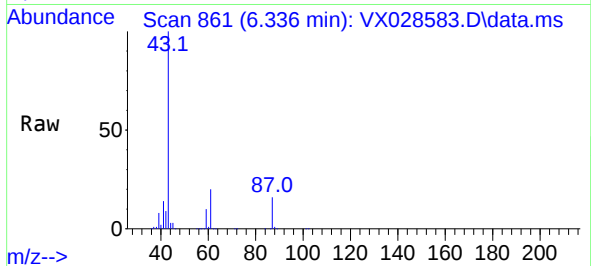
Tgt Ion: 62 Resp: 251303
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 49.697 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

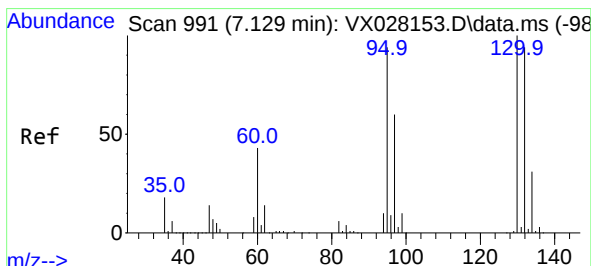
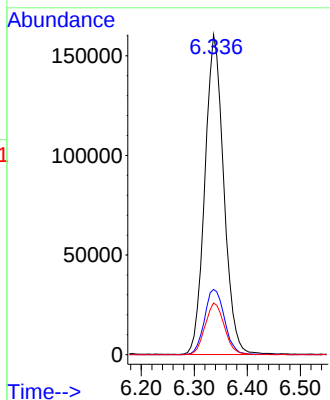
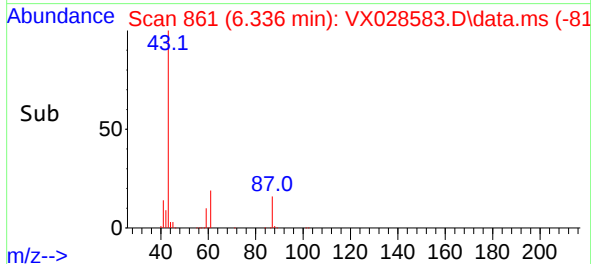
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



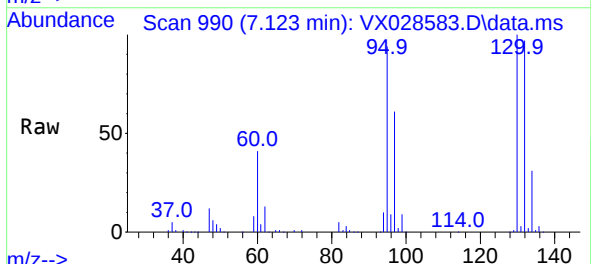
Tgt Ion: 43 Resp: 397378
Ion Ratio Lower Upper
43 100
61 21.7 18.5 27.7
87 16.5 13.0 19.6

Manual Integrations
APPROVED

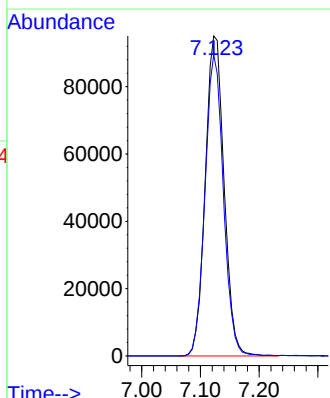
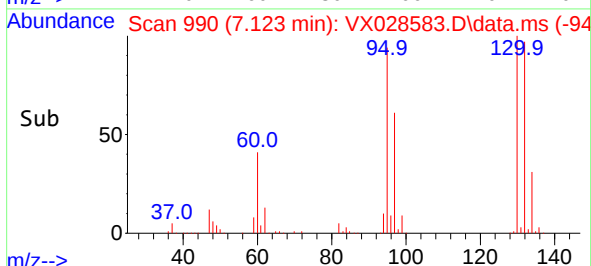
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

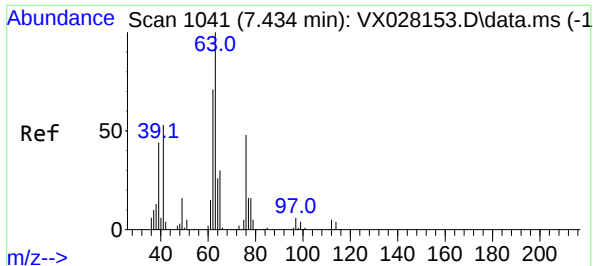


#44
Trichloroethene
Concen: 51.465 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



Tgt Ion:130 Resp: 211530
Ion Ratio Lower Upper
130 100
95 94.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.997 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 176924

Ion Ratio Lower Upper

63 100

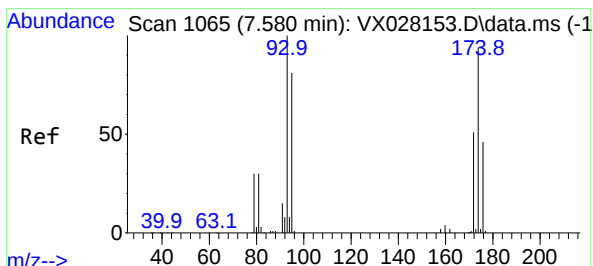
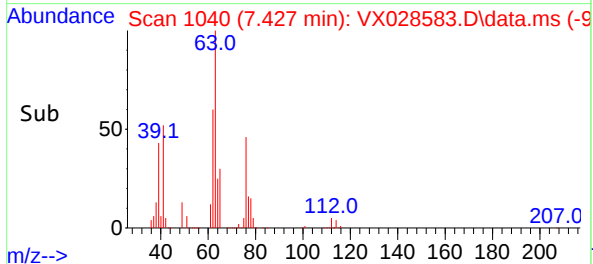
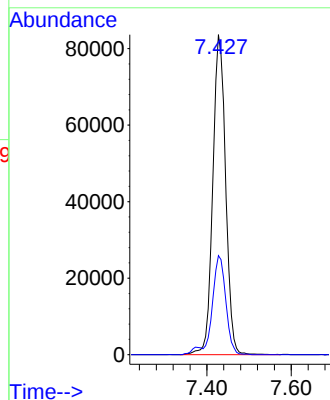
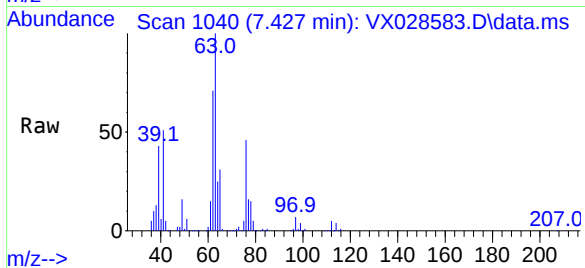
65 31.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#46

Dibromomethane

Concen: 49.898 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

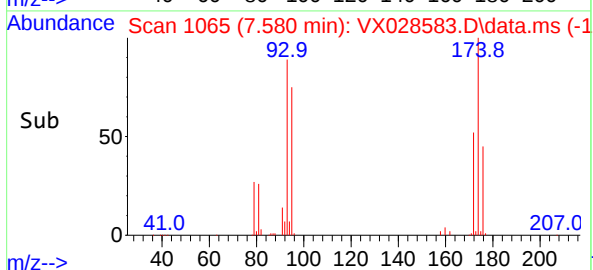
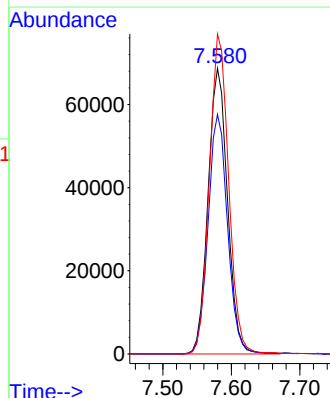
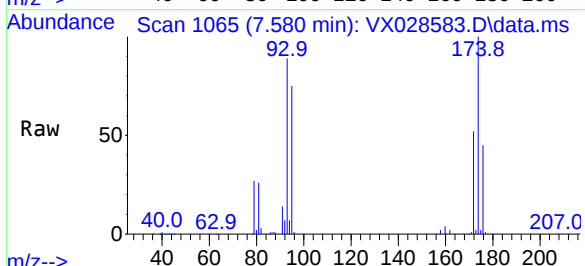
Tgt Ion: 93 Resp: 135798

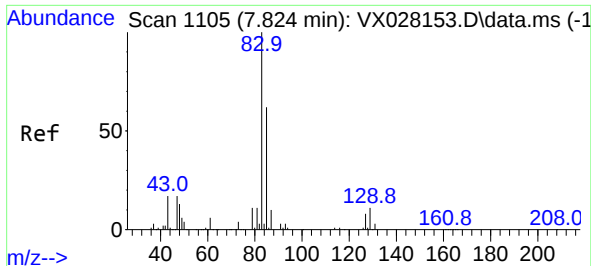
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

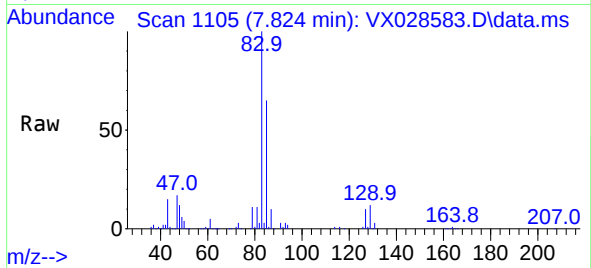
174 110.8 85.4 128.2





#47
Bromodichloromethane
Concen: 51.637 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

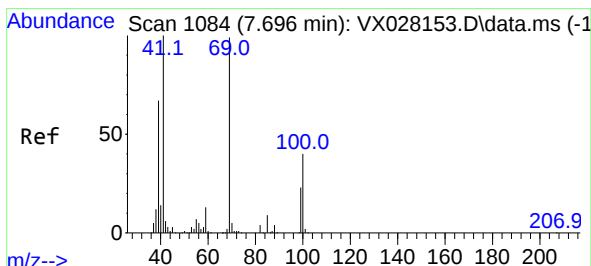
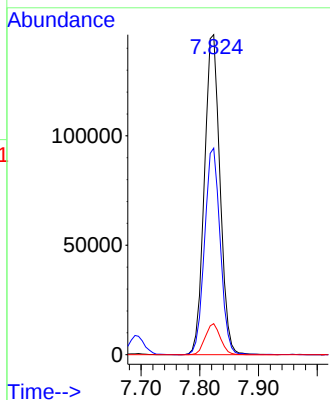
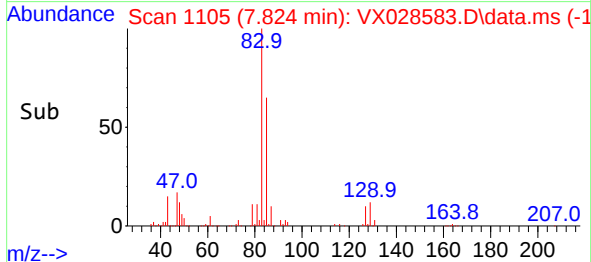
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



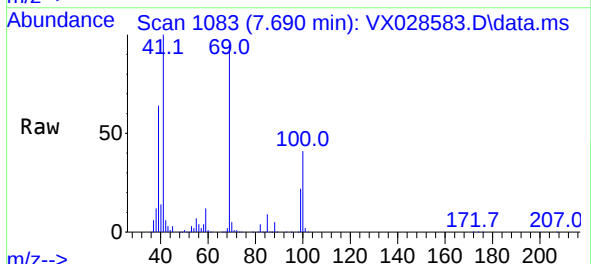
Tgt Ion: 83 Resp: 270093
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2
127 9.7 6.8 10.2

Manual Integrations
APPROVED

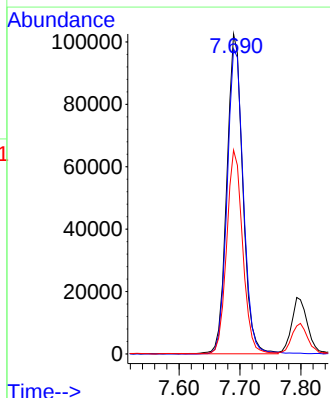
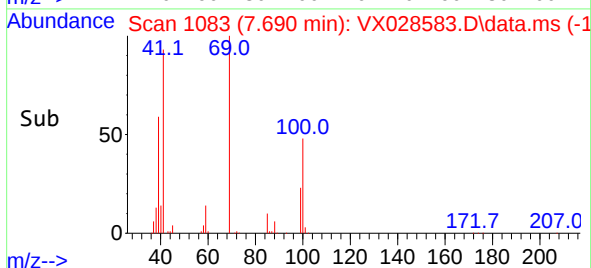
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

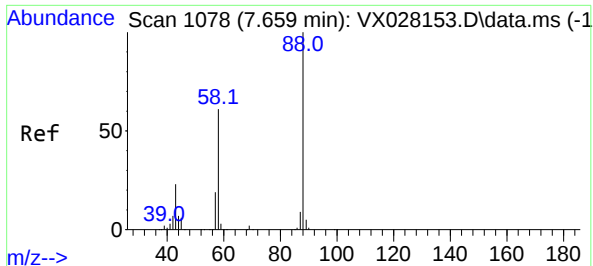


#48
Methyl methacrylate
Concen: 50.773 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



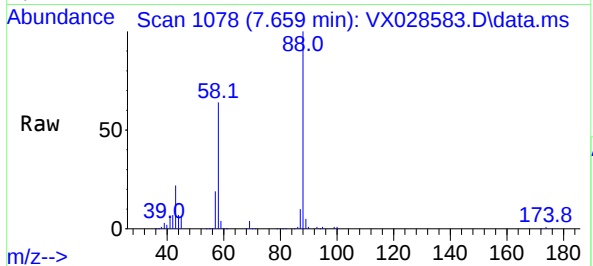
Tgt Ion: 41 Resp: 186395
Ion Ratio Lower Upper
41 100
69 97.1 82.5 123.7
39 63.5 43.8 65.8





#49
1,4-Dioxane
Concen: 919.150 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

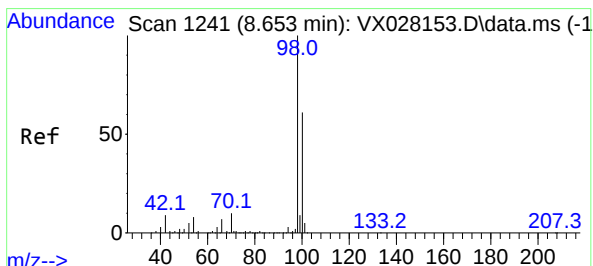
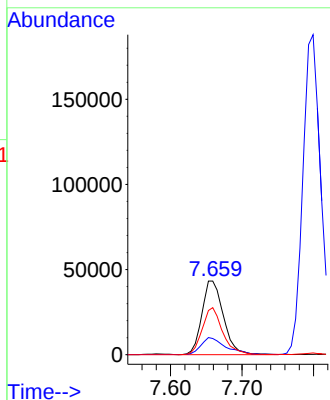
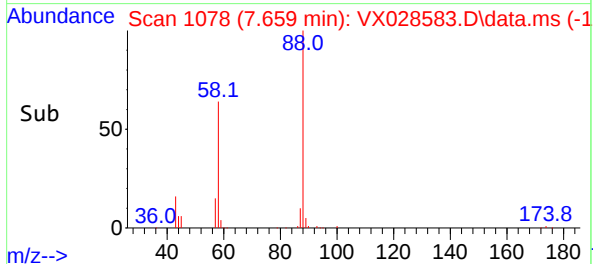
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



Tgt Ion: 88 Resp: 90269
Ion Ratio Lower Upper
88 100
43 26.2 21.9 32.9
58 60.6 53.7 80.5

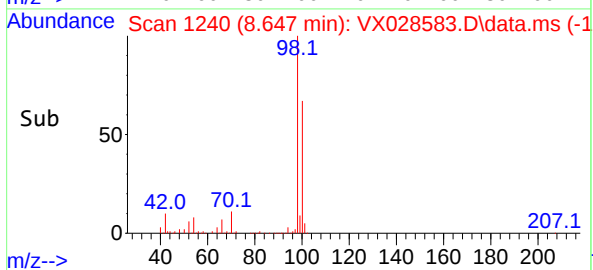
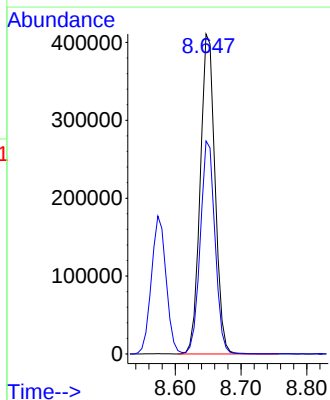
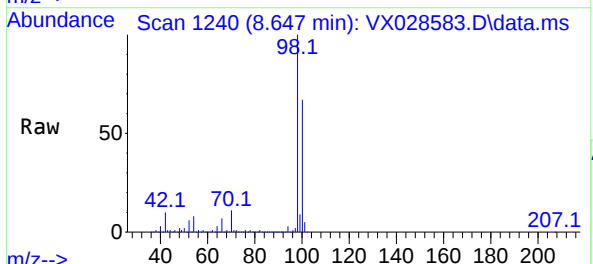
Manual Integrations
APPROVED

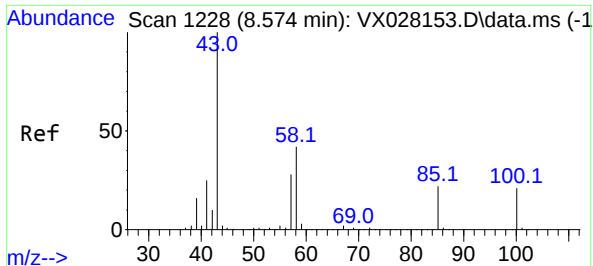
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
Toluene-d8
Concen: 44.927 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Tgt Ion: 98 Resp: 640531
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





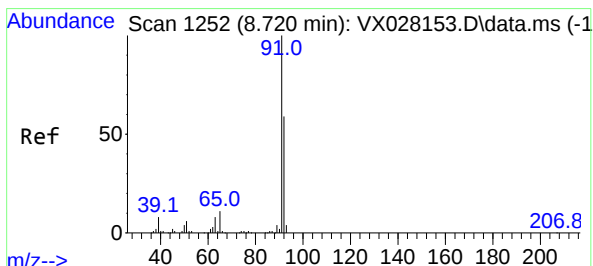
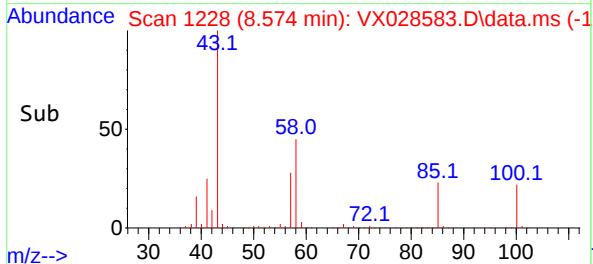
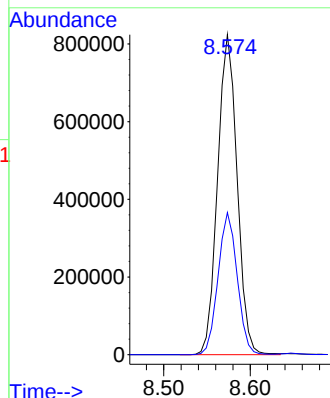
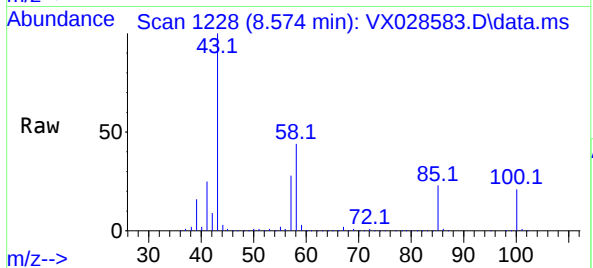
#51
4-Methyl-2-Pentanone
Concen: 251.399 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 128997
Ion Ratio Lower Upper
43 100
58 43.6 36.1 54.1

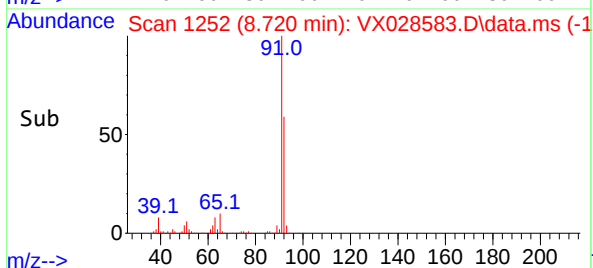
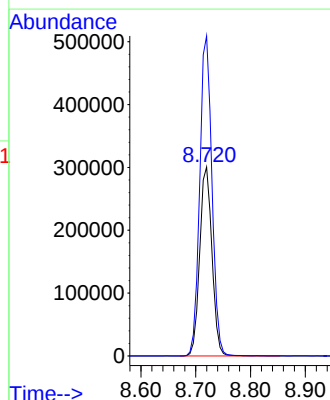
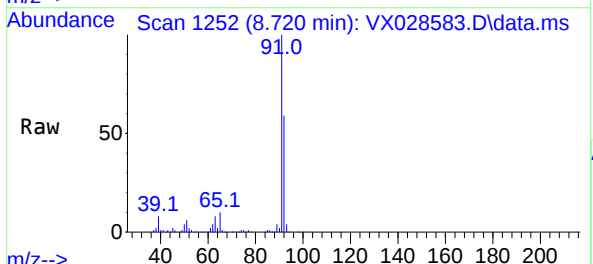
Manual Integrations
APPROVED

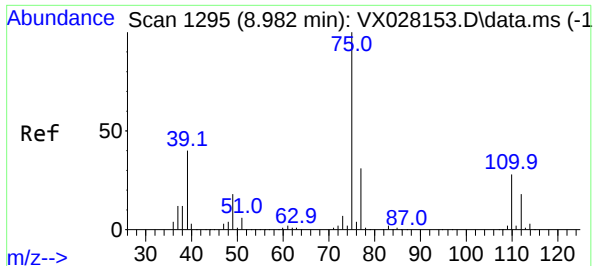
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#52
Toluene
Concen: 47.431 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Tgt Ion: 92 Resp: 467048
Ion Ratio Lower Upper
92 100
91 168.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 50.380 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 280064

Ion Ratio Lower Upper

75 100

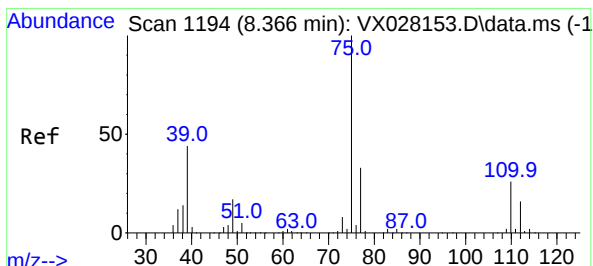
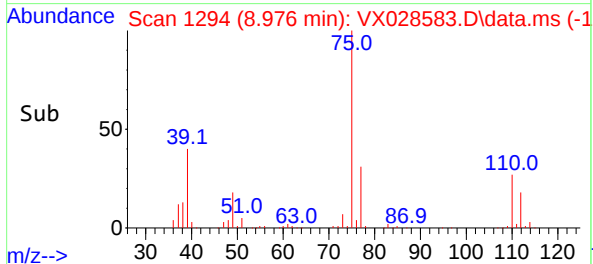
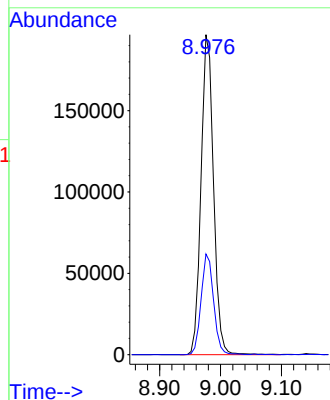
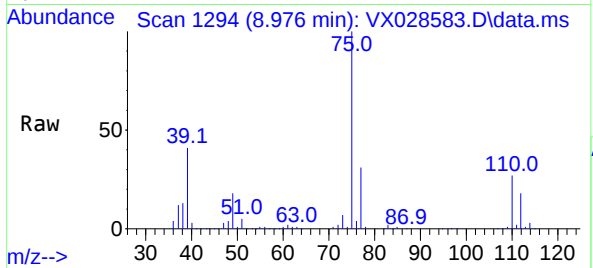
77 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#54

cis-1,3-Dichloropropene

Concen: 49.949 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

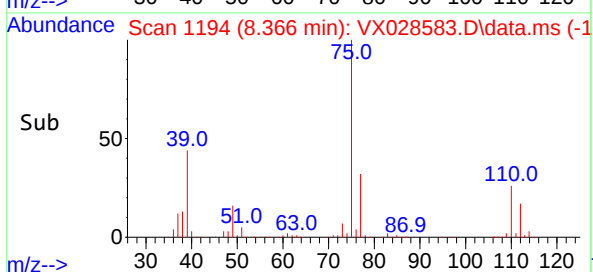
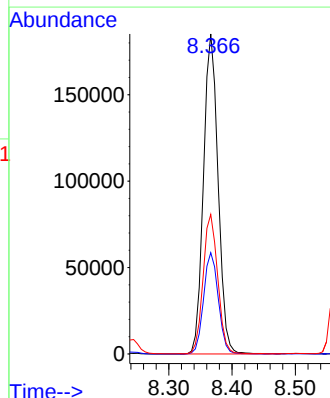
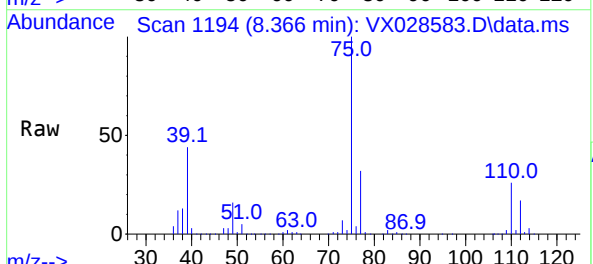
Tgt Ion: 75 Resp: 298172

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

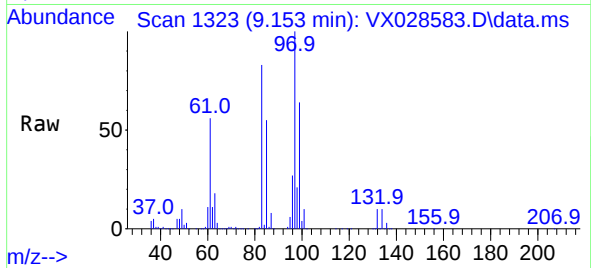
39 43.5 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 52.380 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

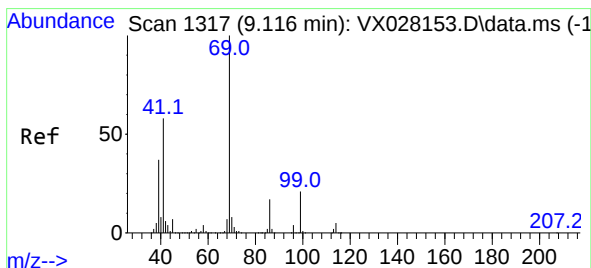
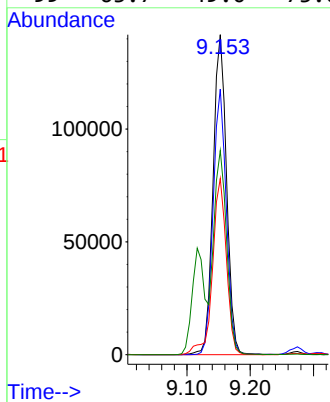
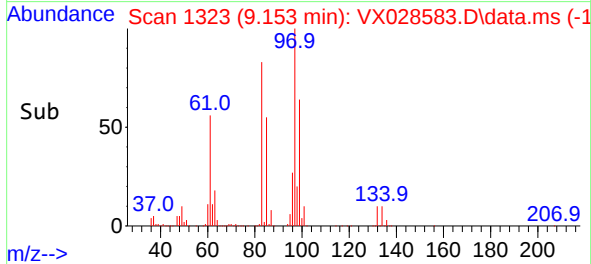
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



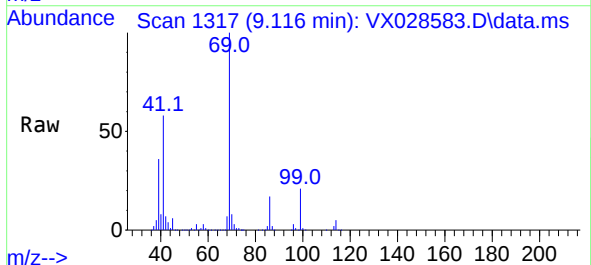
Tgt Ion: 97 Resp: 20956
Ion Ratio Lower Upper
97 100
83 83.0 66.2 99.4
85 55.0 42.9 64.3
99 63.7 49.0 73.6

Manual Integrations
APPROVED

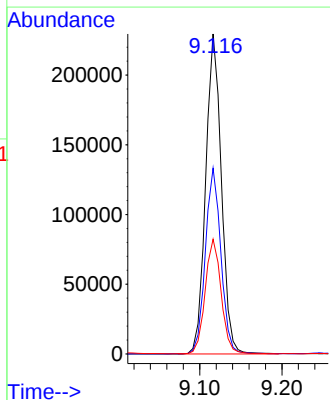
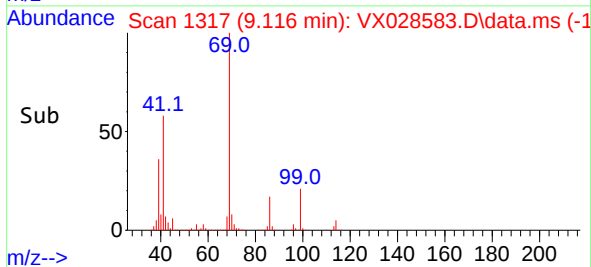
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#56
Ethyl methacrylate
Concen: 52.494 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



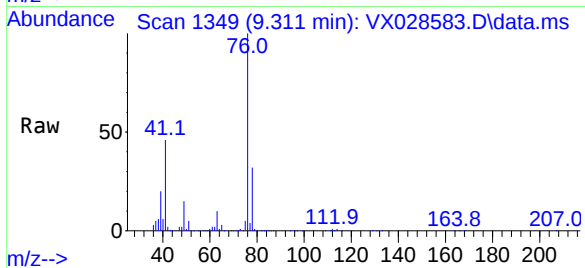
Tgt Ion: 69 Resp: 304440
Ion Ratio Lower Upper
69 100
41 57.8 43.8 65.6
39 36.5 22.2 33.2





#57
1,3-Dichloropropane
Concen: 50.667 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

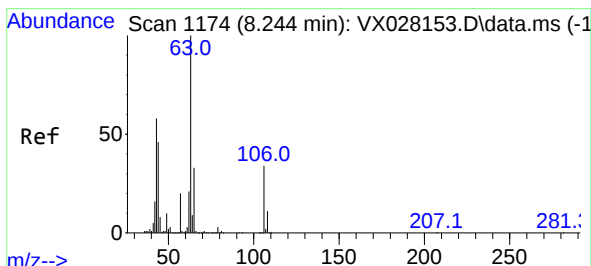
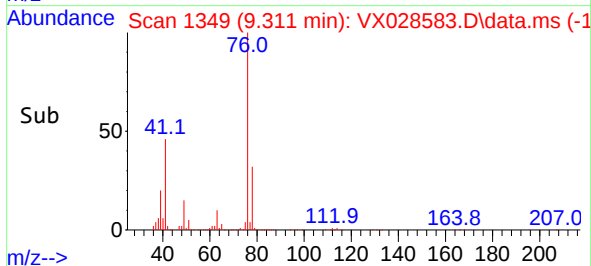
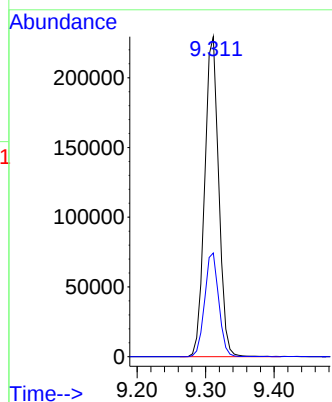
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 32718
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

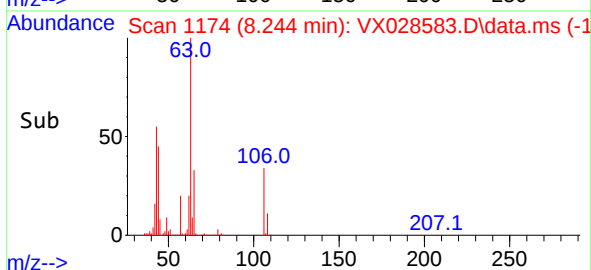
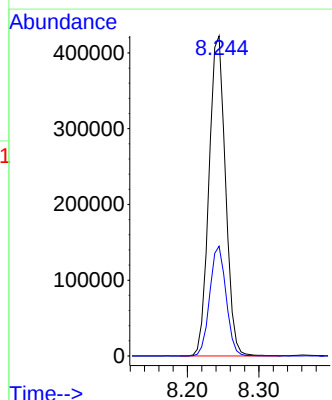
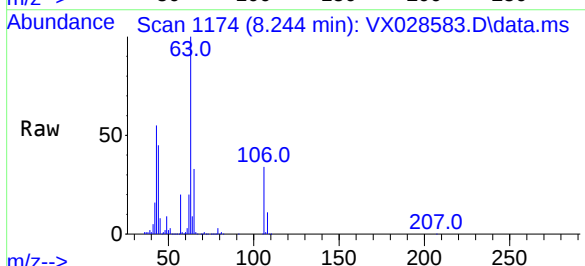
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#58
2-Chloroethyl Vinyl ether
Concen: 248.591 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

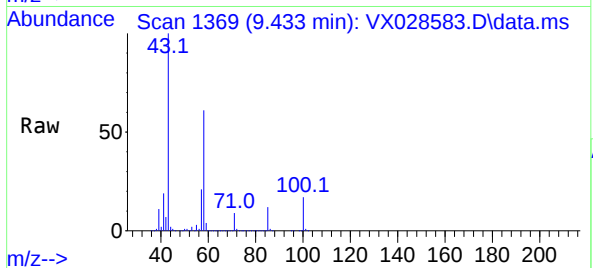
Tgt Ion: 63 Resp: 676437
Ion Ratio Lower Upper
63 100
106 33.9 23.9 35.9





#59
2-Hexanone
Concen: 248.496 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

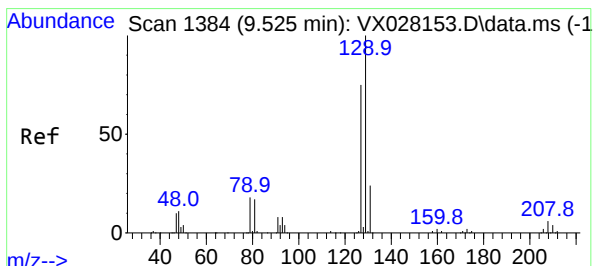
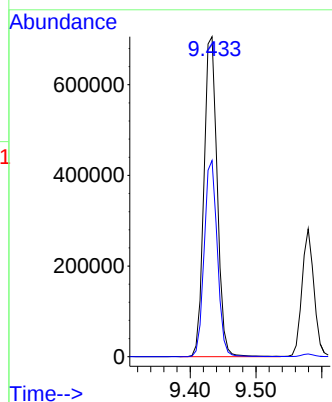
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 987698
Ion Ratio Lower Upper
43 100
58 60.8 31.9 95.7

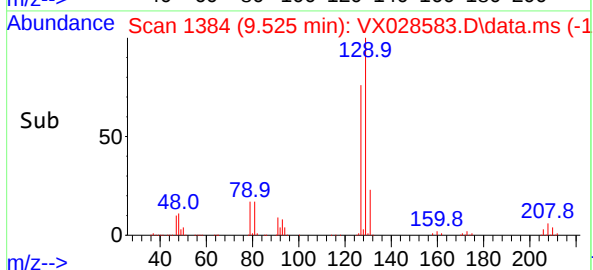
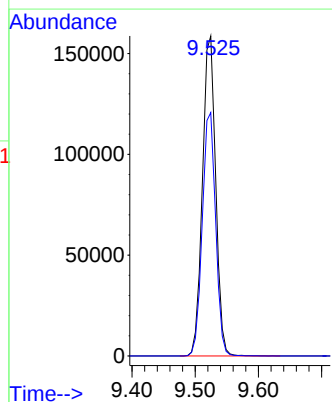
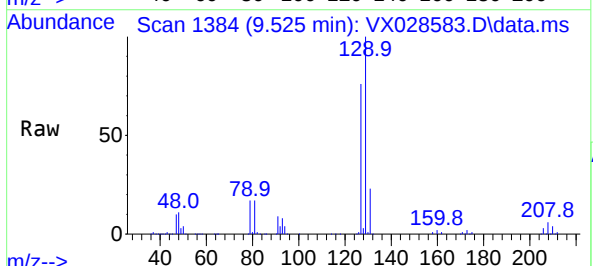
Manual Integrations
APPROVED

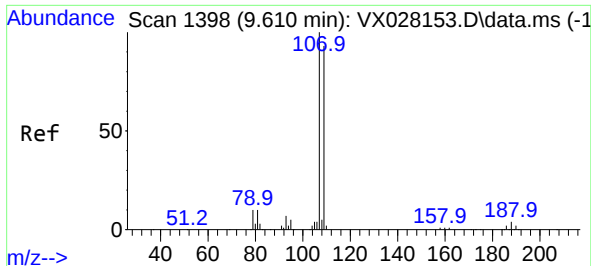
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#60
Dibromochloromethane
Concen: 53.003 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

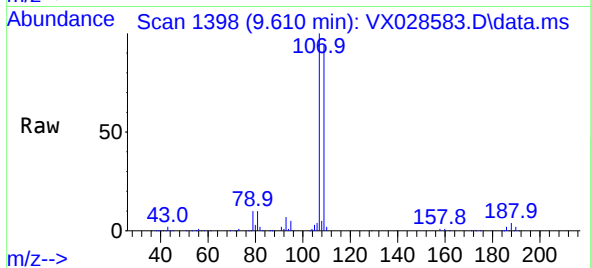
Tgt Ion:129 Resp: 231177
Ion Ratio Lower Upper
129 100
127 76.8 40.3 120.8





#61
1,2-Dibromoethane
Concen: 50.036 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

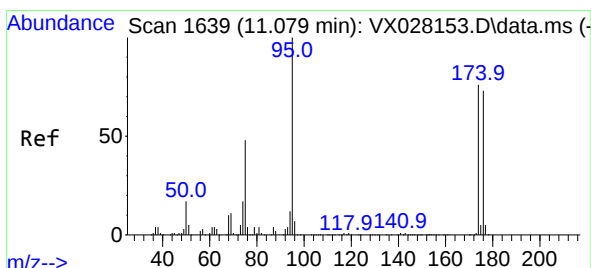
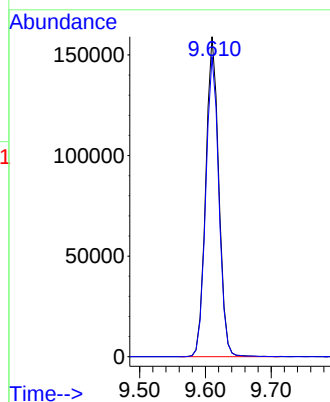
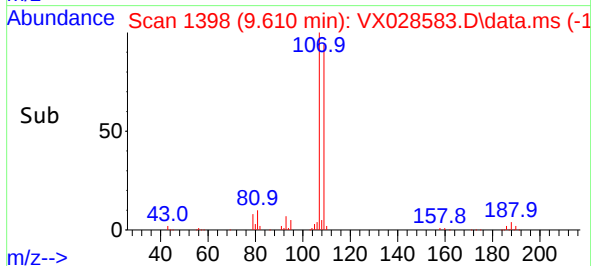
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



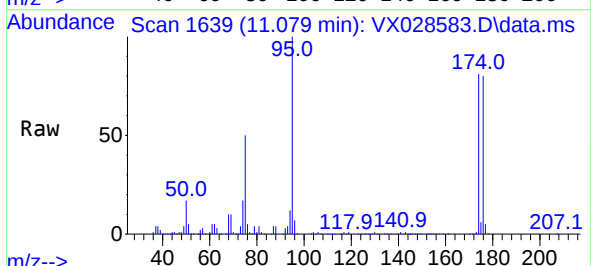
Tgt Ion:107 Resp: 219618
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6

Manual Integrations
APPROVED

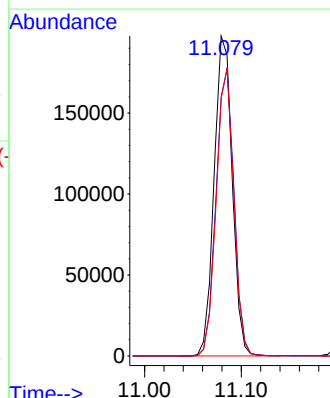
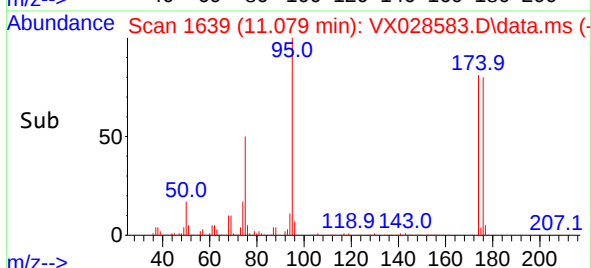
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

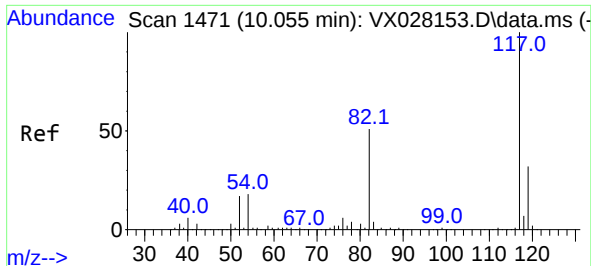


#62
4-Bromofluorobenzene
Concen: 47.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



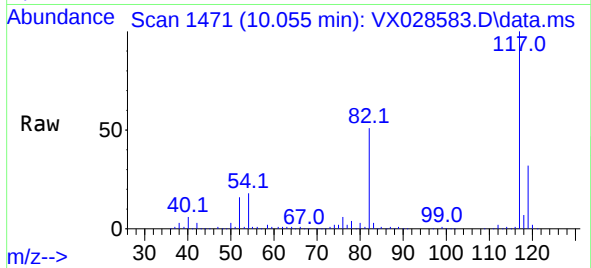
Tgt Ion: 95 Resp: 256863
Ion Ratio Lower Upper
95 100
174 88.8 0.0 163.0
176 86.8 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

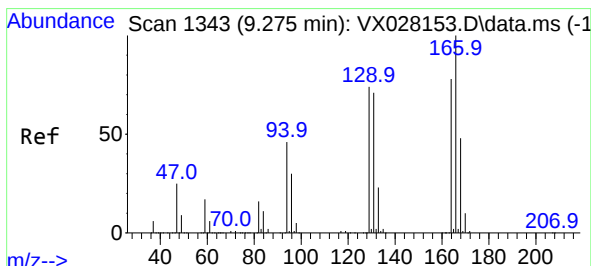
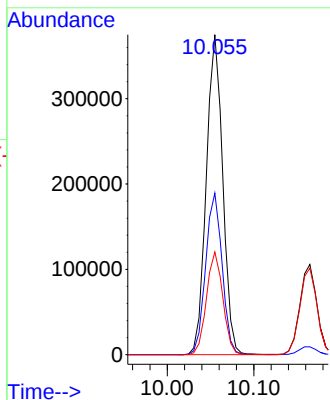
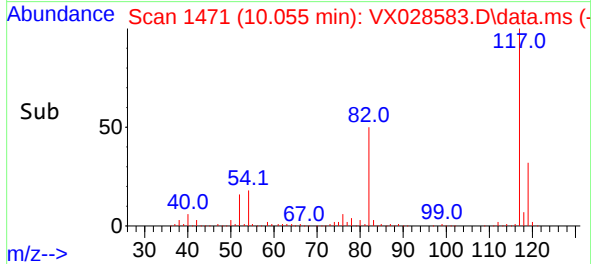
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



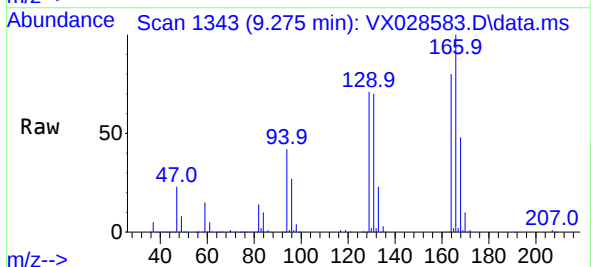
Tgt Ion:117 Resp: 494600
Ion Ratio Lower Upper
117 100
82 50.5 41.8 62.8
119 32.1 24.8 37.2

Manual Integrations
APPROVED

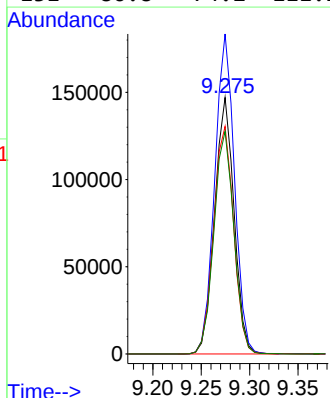
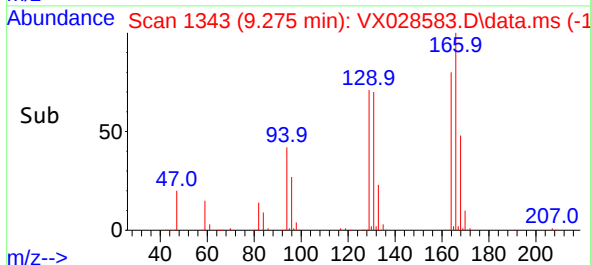
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

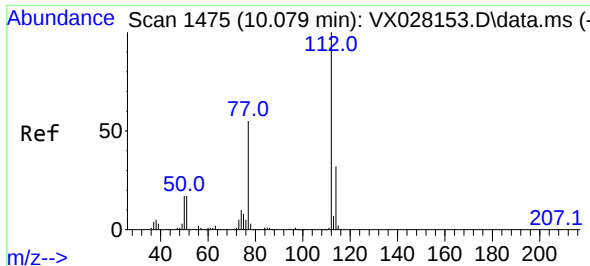


#64
Tetrachloroethene
Concen: 53.464 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



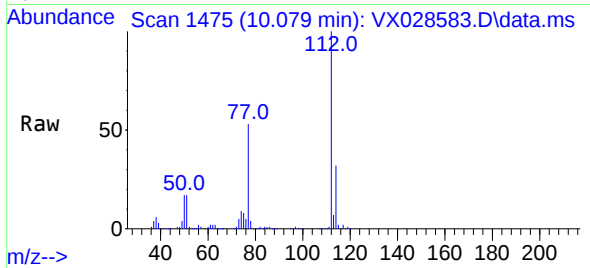
Tgt Ion:164 Resp: 206548
Ion Ratio Lower Upper
164 100
166 124.8 101.2 151.8
129 88.7 73.0 109.4
131 86.8 74.2 111.2





#65
Chlorobenzene
Concen: 51.339 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

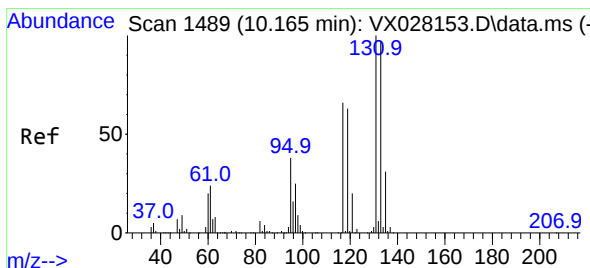
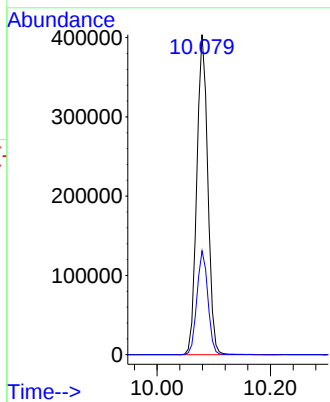
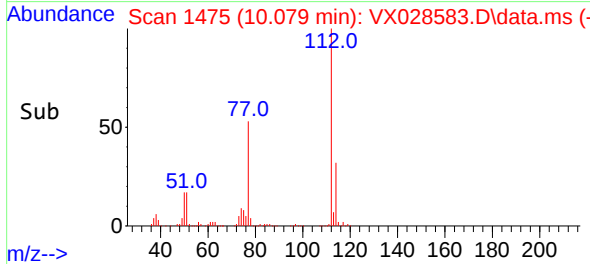
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



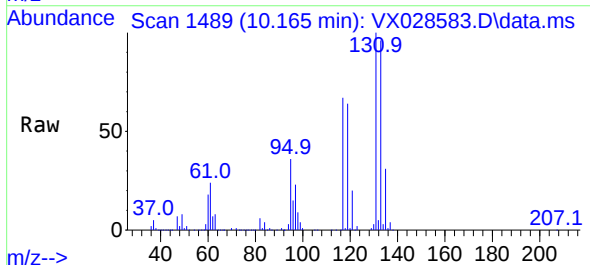
Tgt Ion:112 Resp: 54139
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

Manual Integrations
APPROVED

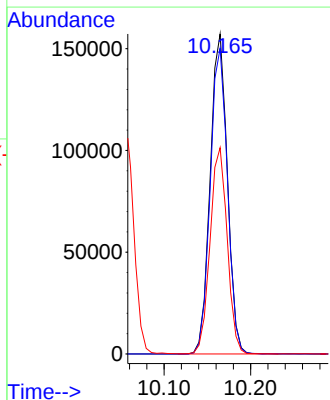
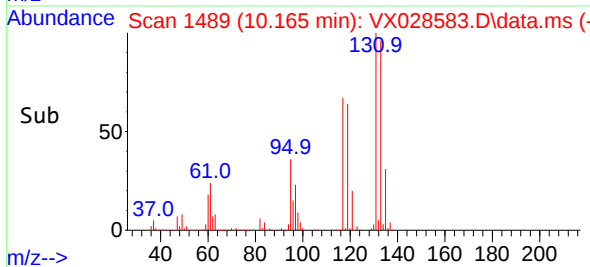
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

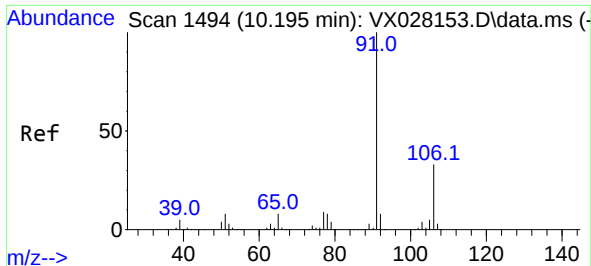


#66
1,1,1,2-Tetrachloroethane
Concen: 55.179 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



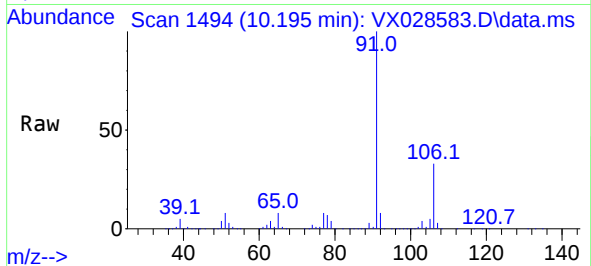
Tgt Ion:131 Resp: 216758
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 64.4 32.6 98.0





#67
Ethyl Benzene
Concen: 51.981 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

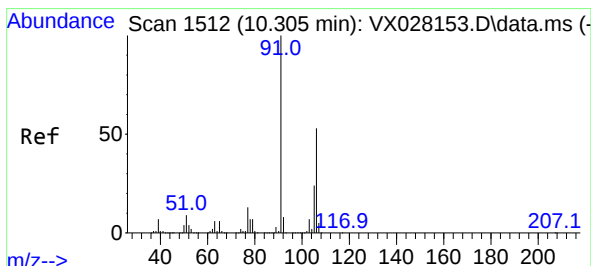
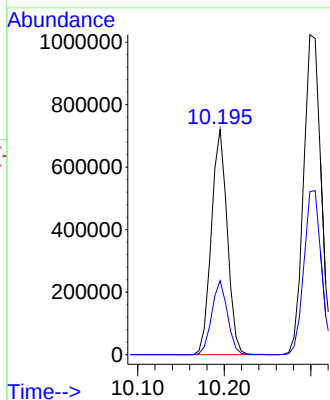
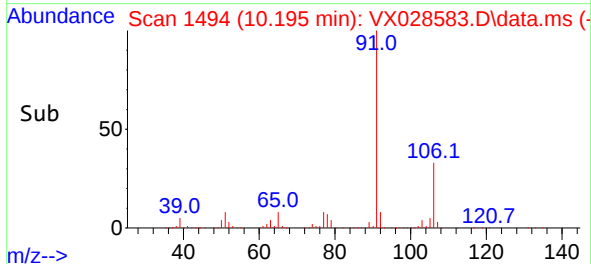
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



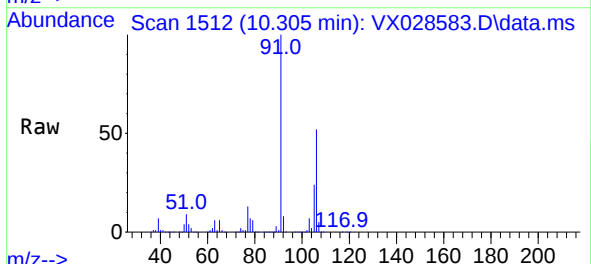
Tgt Ion: 91 Resp: 91916
Ion Ratio Lower Upper
91 100
106 32.8 24.6 36.8

Manual Integrations
APPROVED

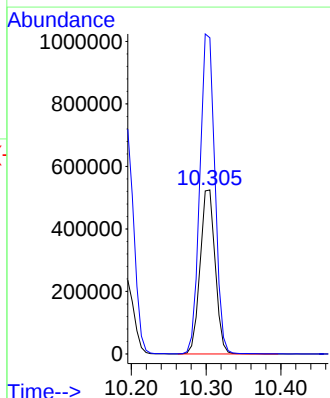
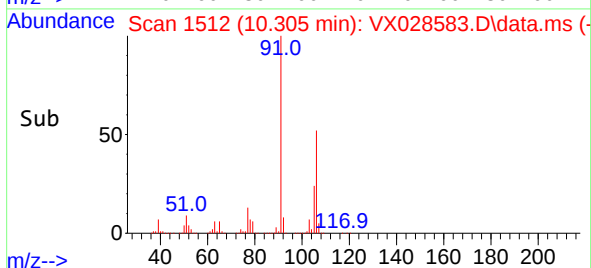
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

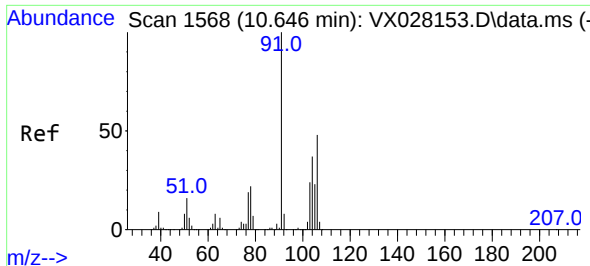


#68
m/p-Xylenes
Concen: 101.808 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



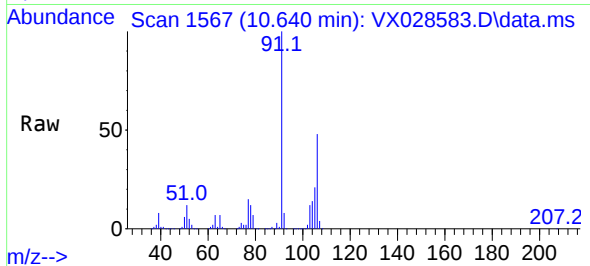
Tgt Ion:106 Resp: 732685
Ion Ratio Lower Upper
106 100
91 195.3 160.4 240.6





#69
o-Xylene
Concen: 51.408 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

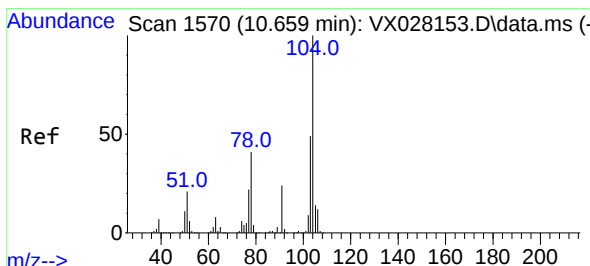
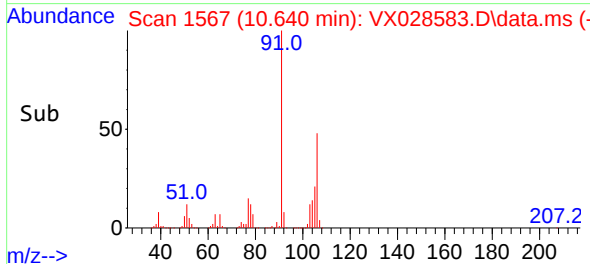
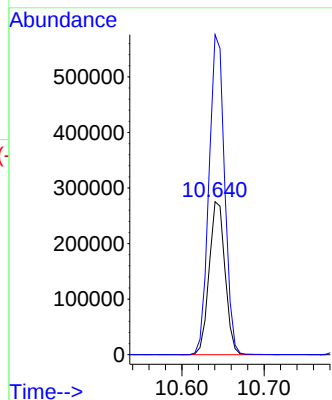
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 368868
Ion Ratio Lower Upper
106 100
91 205.8 106.1 318.1

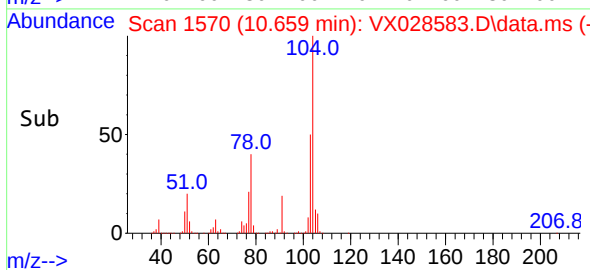
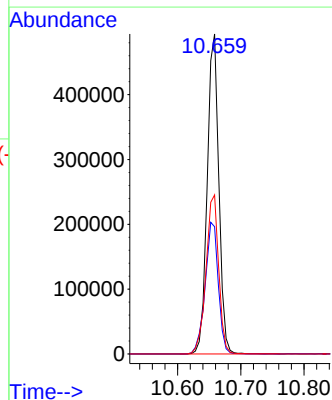
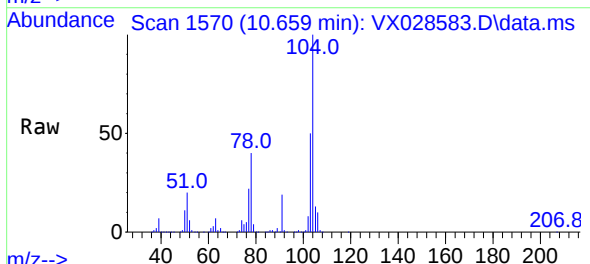
Manual Integrations
APPROVED

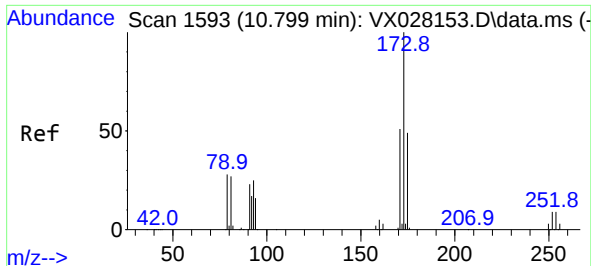
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#70
Styrene
Concen: 54.221 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

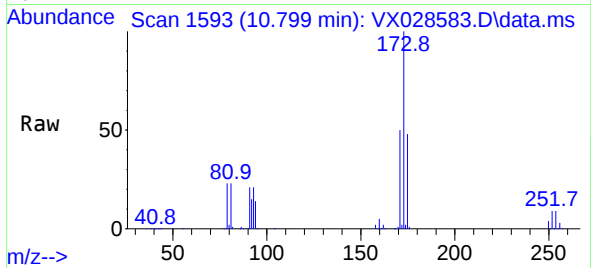
Tgt Ion:104 Resp: 630287
Ion Ratio Lower Upper
104 100
78 46.6 38.6 57.8
103 54.6 43.8 65.8





#71
Bromoform
Concen: 49.732 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

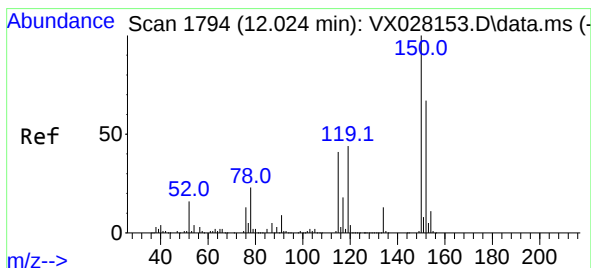
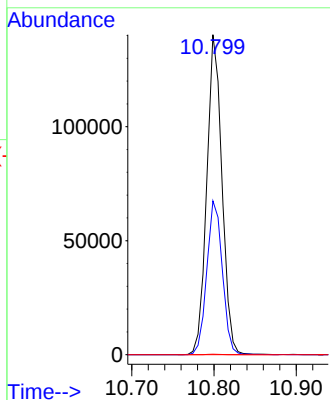
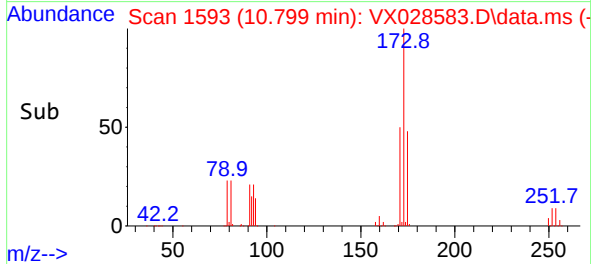
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



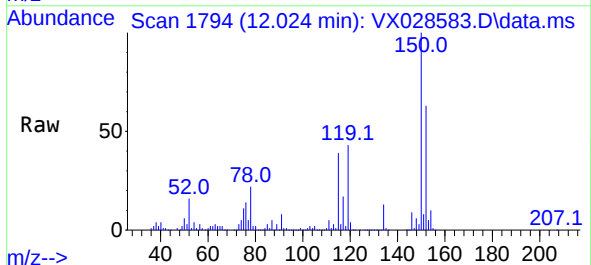
Tgt Ion:173 Resp: 18020
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

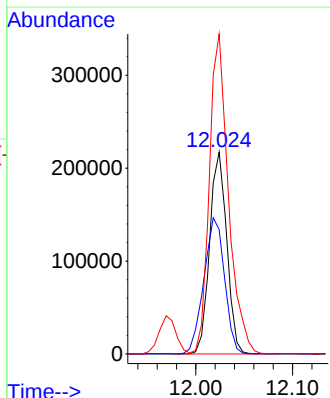
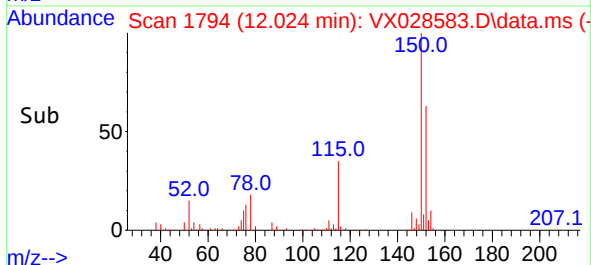
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

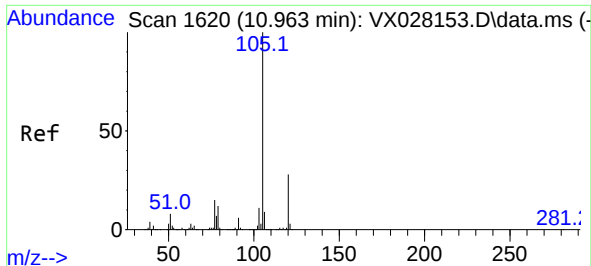


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



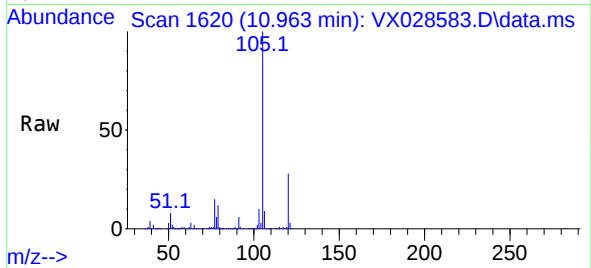
Tgt Ion:152 Resp: 267926
Ion Ratio Lower Upper
152 100
115 81.7 37.5 112.7
150 176.2 0.0 338.2





#73
Isopropylbenzene
Concen: 52.879 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

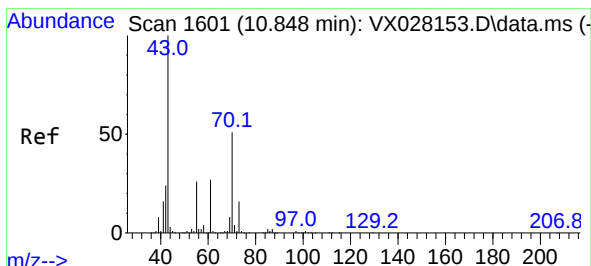
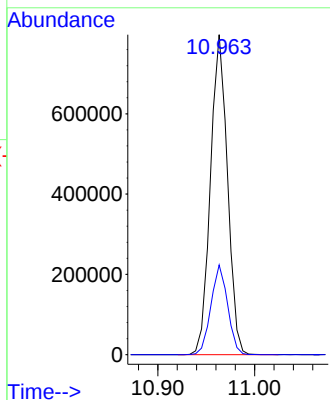
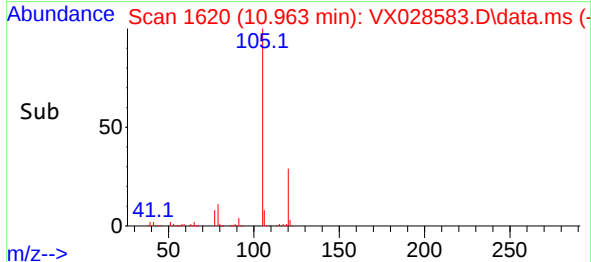
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



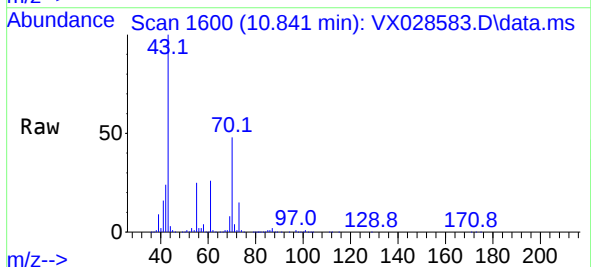
Tgt Ion:105 Resp: 973799
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

Manual Integrations
APPROVED

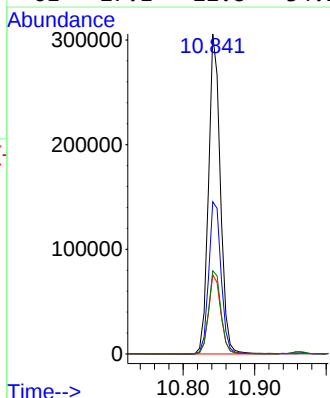
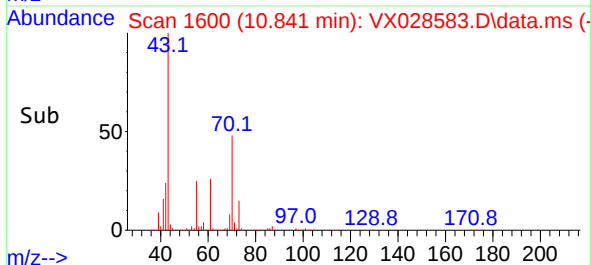
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

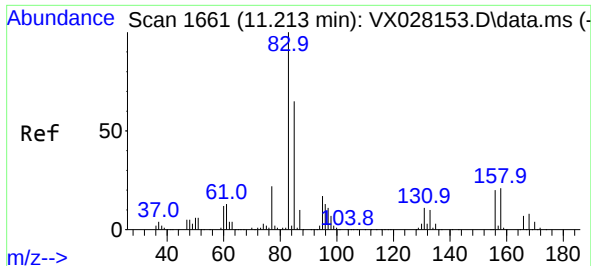


#74
N-ethyl acetate
Concen: 55.199 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



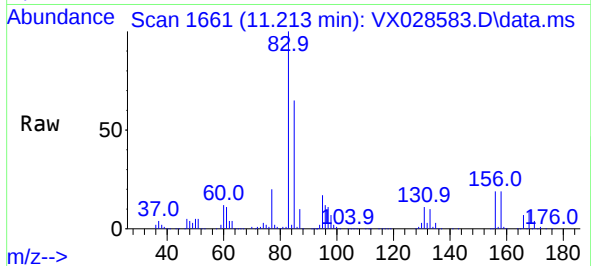
Tgt Ion: 43 Resp: 351343
Ion Ratio Lower Upper
43 100
70 49.7 42.5 63.7
55 25.7 23.1 34.7
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.817 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

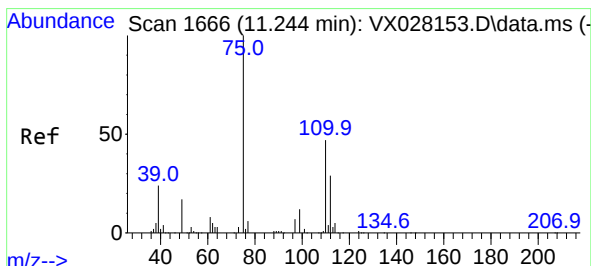
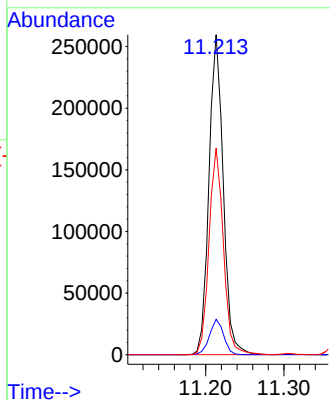
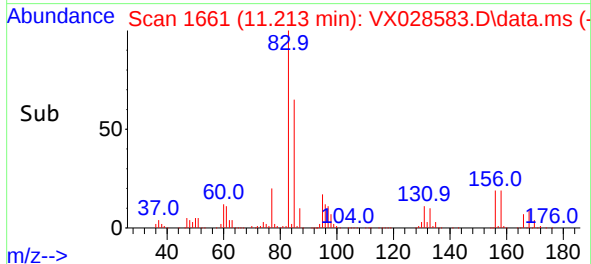
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



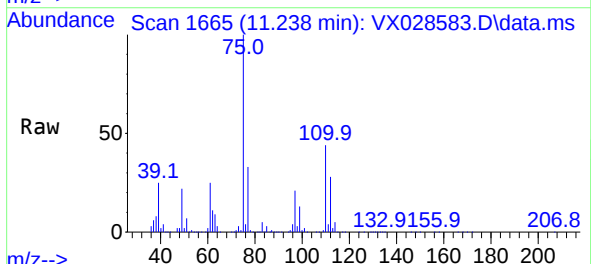
Tgt Ion: 83 Resp: 327583
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 65.0 32.6 97.7

Manual Integrations
APPROVED

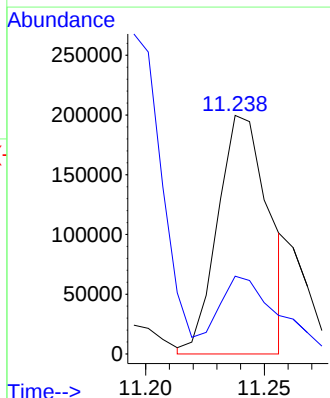
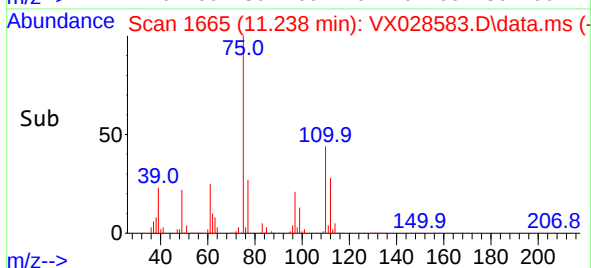
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

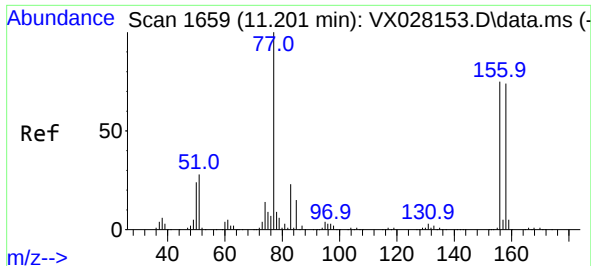


#76
1,2,3-Trichloropropane
Concen: 56.425 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



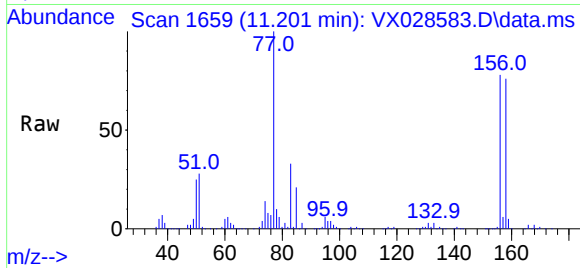
Tgt Ion: 75 Resp: 297524
Ion Ratio Lower Upper
75 100
77 38.9 19.4 58.2





#77
Bromobenzene
Concen: 53.689 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

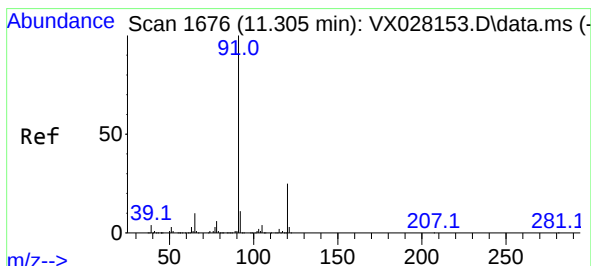
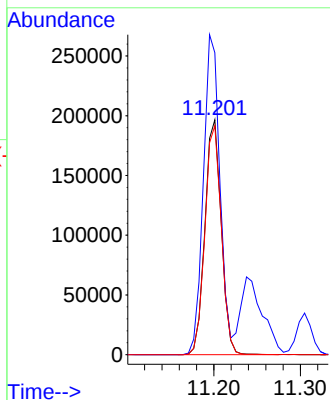
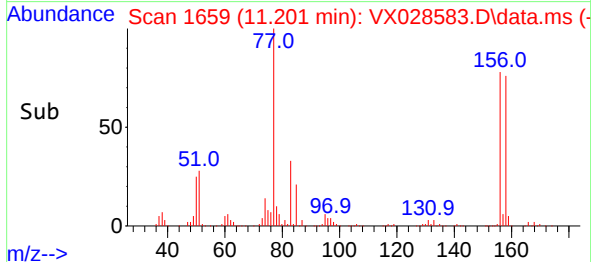
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



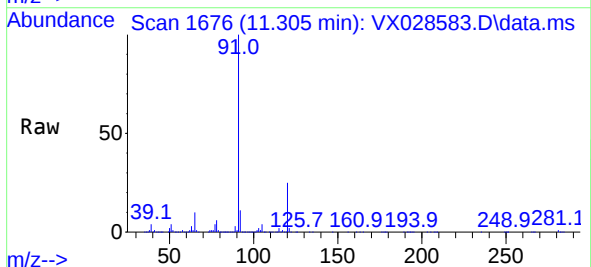
Tgt Ion:156 Resp: 257500
Ion Ratio Lower Upper
156 100
77 137.3 78.5 235.3
158 98.0 50.2 150.7

Manual Integrations
APPROVED

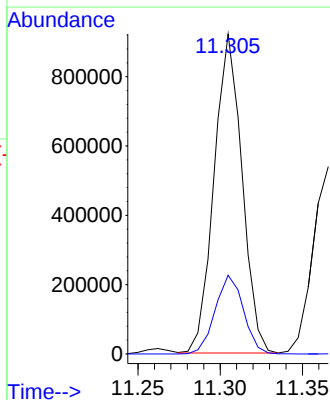
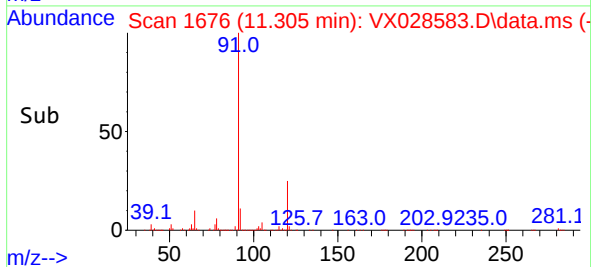
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

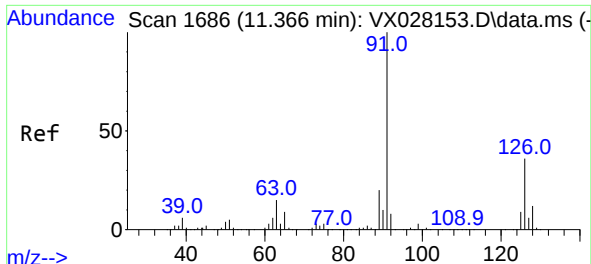


#78
n-propylbenzene
Concen: 53.208 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



Tgt Ion: 91 Resp: 1086523
Ion Ratio Lower Upper
91 100
120 24.9 11.6 34.8





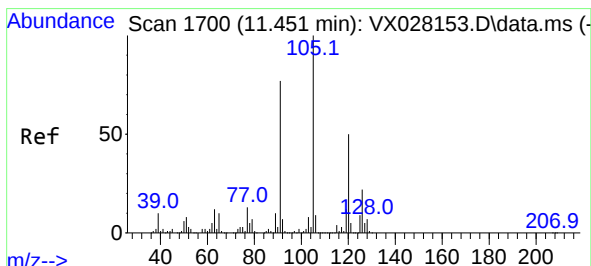
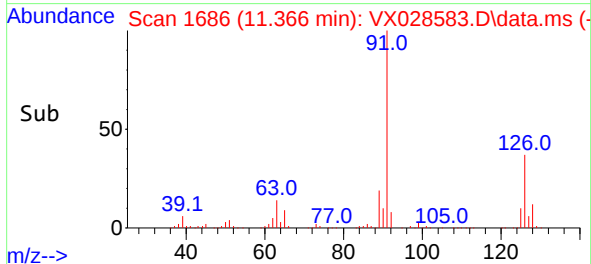
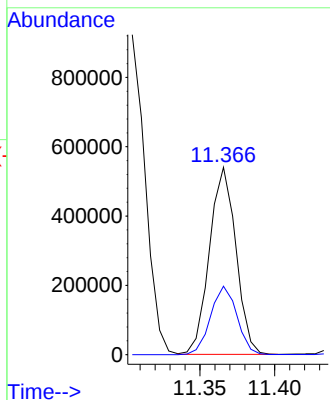
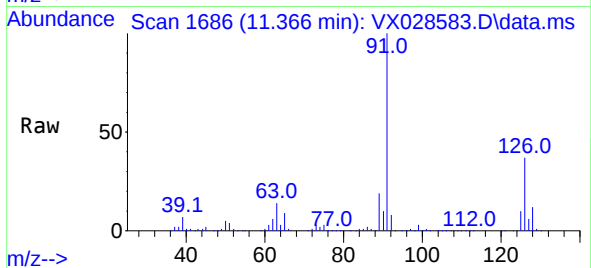
#79
2-Chlorotoluene
Concen: 52.306 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 66404
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.9

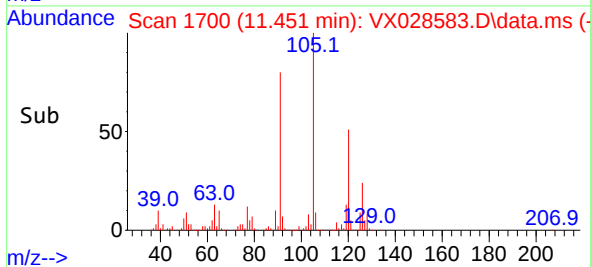
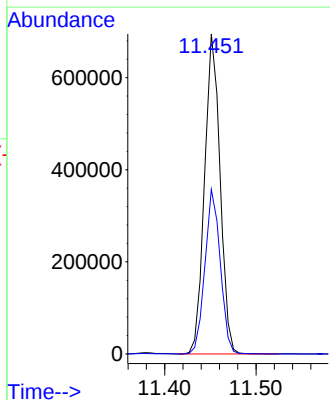
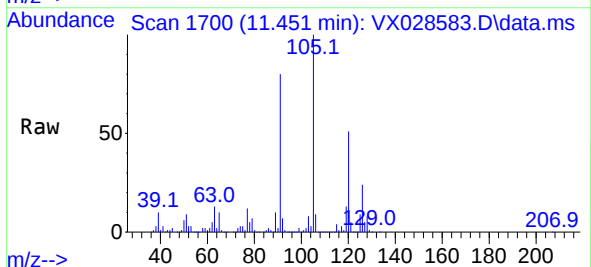
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

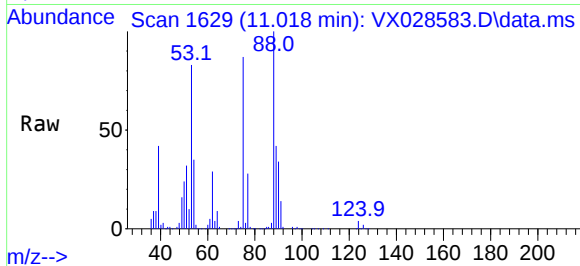
Tgt Ion:105 Resp: 817582
Ion Ratio Lower Upper
105 100
120 50.8 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 53.456 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

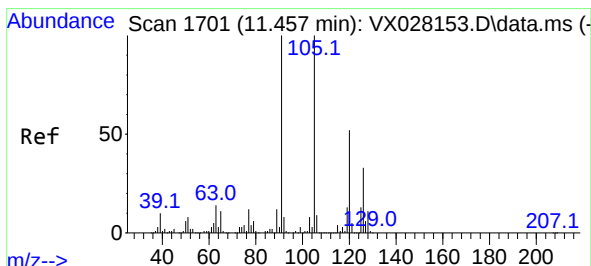
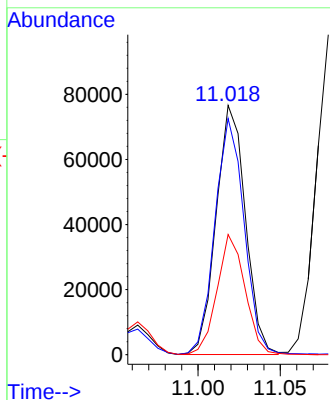
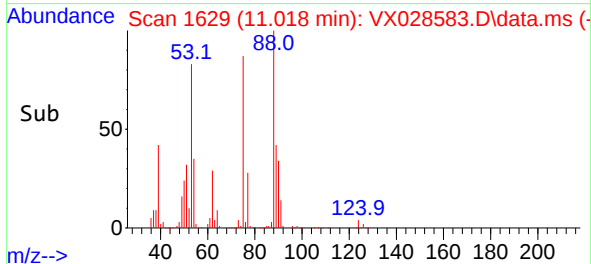
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 94850
Ion Ratio Lower Upper
75 100
53 94.1 69.0 103.4
89 46.2 37.0 55.6

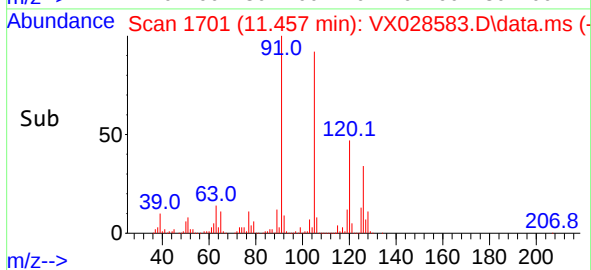
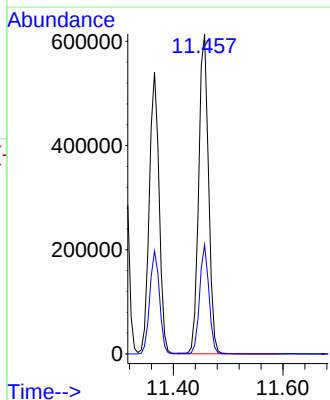
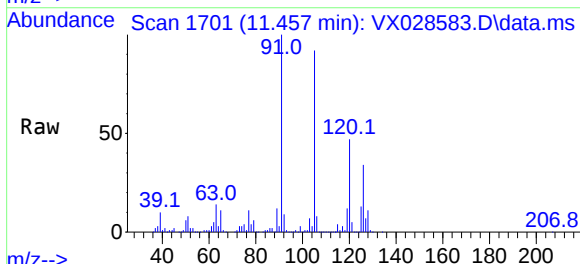
Manual Integrations
APPROVED

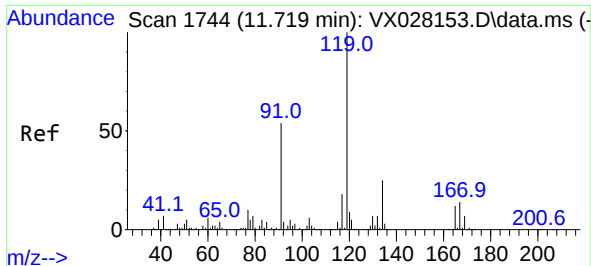
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#82
4-Chlorotoluene
Concen: 52.442 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

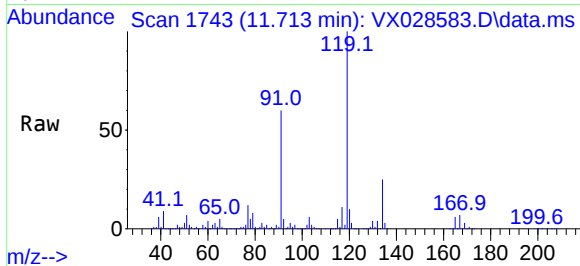
Tgt Ion: 91 Resp: 766925
Ion Ratio Lower Upper
91 100
126 32.4 14.9 44.5





#83
tert-Butylbenzene
Concen: 51.897 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

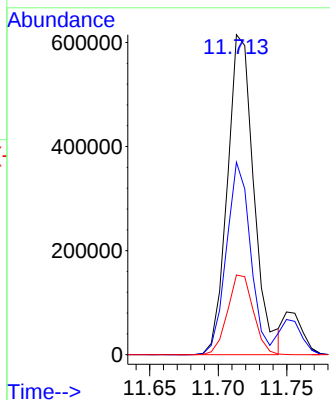
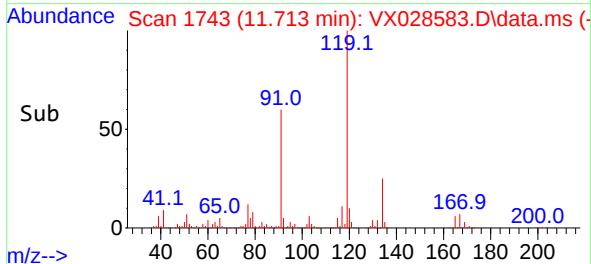
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



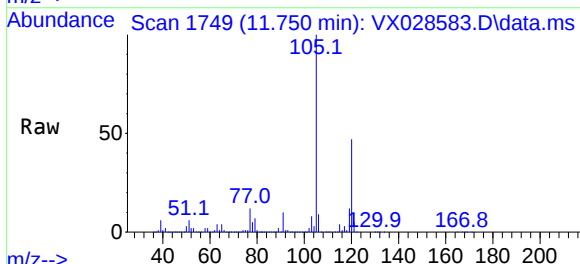
Tgt Ion:119 Resp: 828399
Ion Ratio Lower Upper
119 100
91 54.8 26.9 80.6
134 24.2 11.4 34.2

Manual Integrations
APPROVED

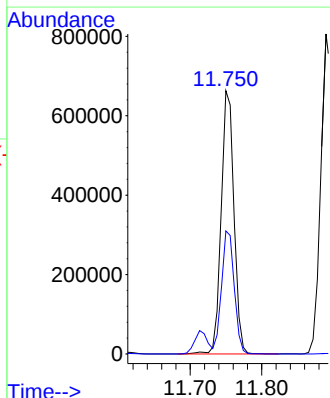
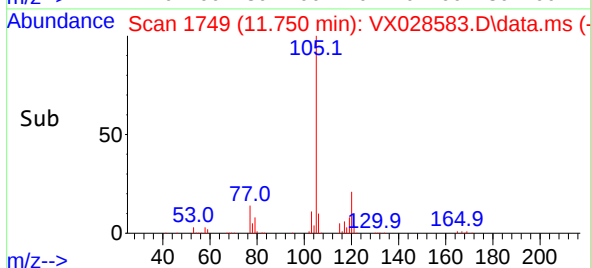
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

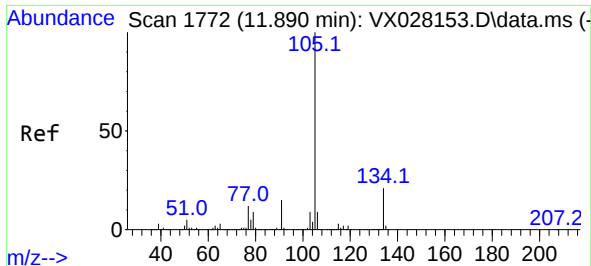


#84
1,2,4-Trimethylbenzene
Concen: 53.012 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



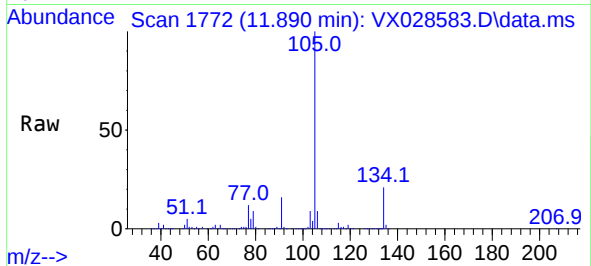
Tgt Ion:105 Resp: 823761
Ion Ratio Lower Upper
105 100
120 46.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 51.517 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028583.D
 Acq: 10 May 2022 10:12

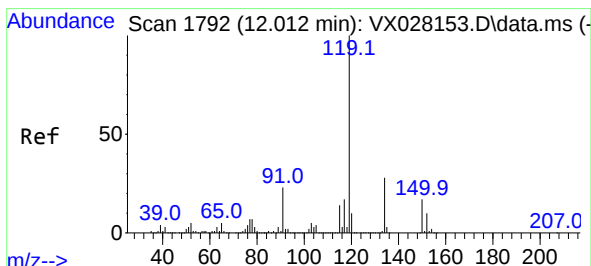
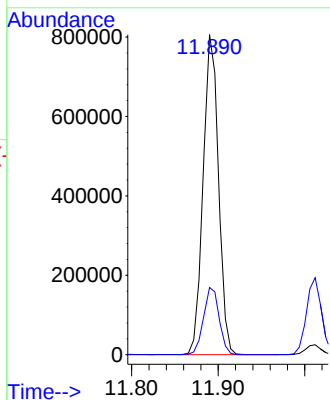
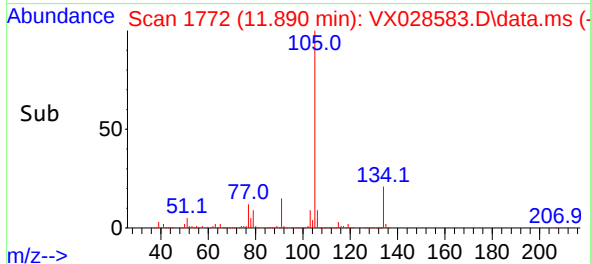
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



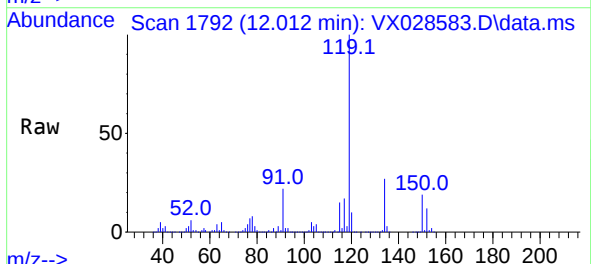
Tgt Ion:105 Resp: 99210
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

Manual Integrations
 APPROVED

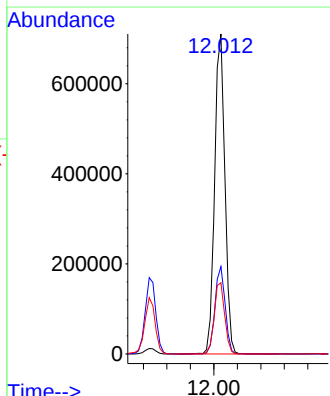
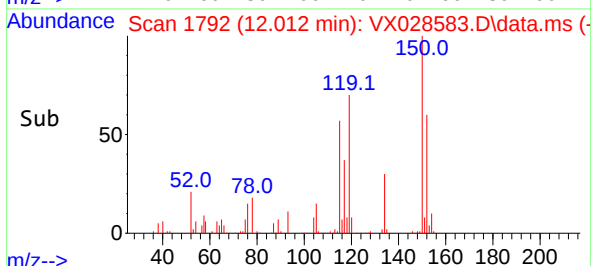
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

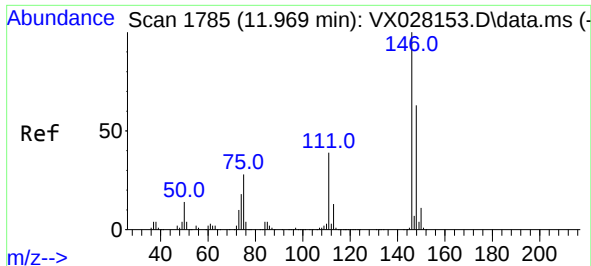


#86
 p-Isopropyltoluene
 Concen: 51.772 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028583.D
 Acq: 10 May 2022 10:12



Tgt Ion:119 Resp: 860120
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 39.0
 91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 54.992 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

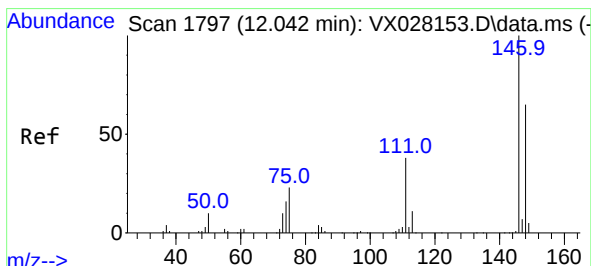
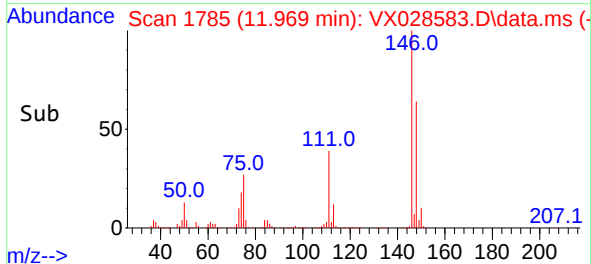
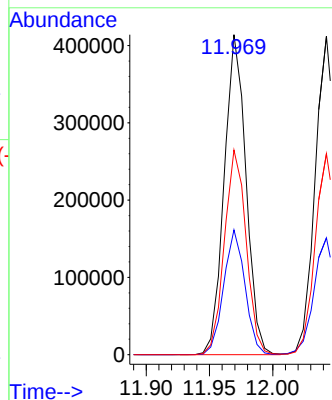
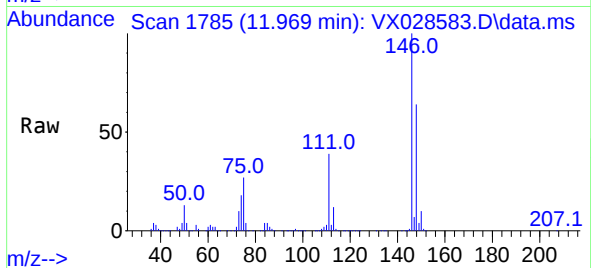
Tgt Ion:146 Resp: 495578
Ion Ratio Lower Upper
146 100
111 38.2 19.7 59.1
148 63.9 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#88

1,4-Dichlorobenzene

Concen: 52.572 ug/l

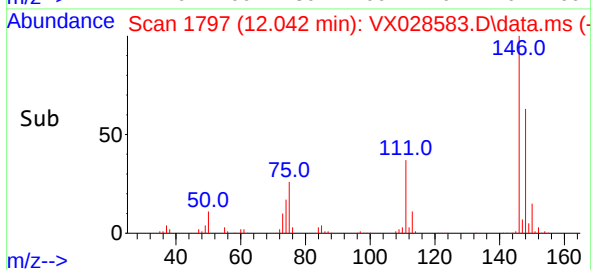
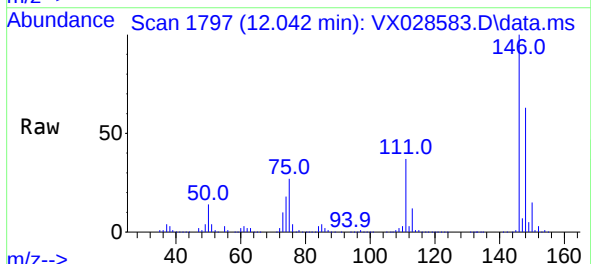
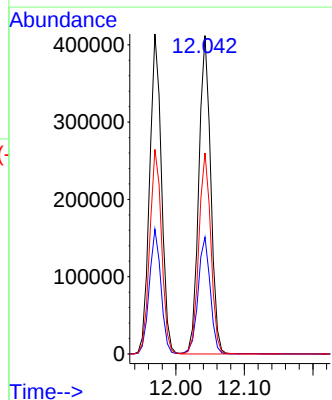
RT: 12.042 min Scan# 1797

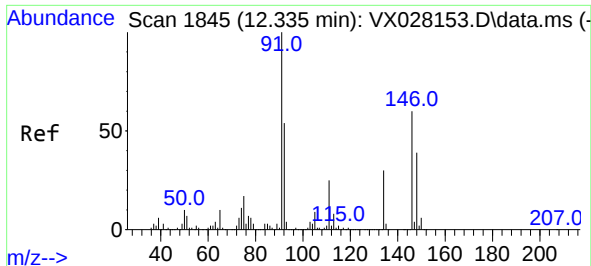
Delta R.T. 0.000 min

Lab File: VX028583.D

Acq: 10 May 2022 10:12

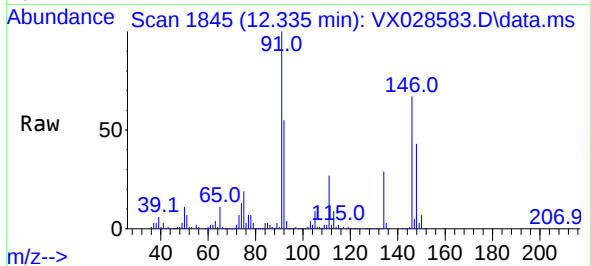
Tgt Ion:146 Resp: 497451
Ion Ratio Lower Upper
146 100
111 37.4 19.2 57.6
148 63.5 32.3 96.9





#89
n-Butylbenzene
Concen: 51.645 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

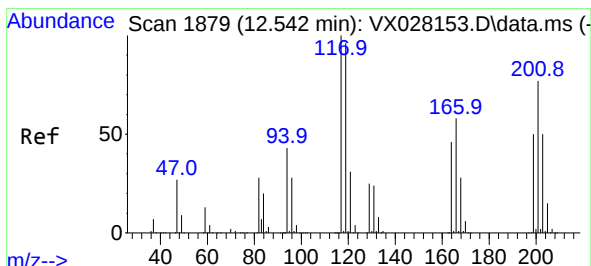
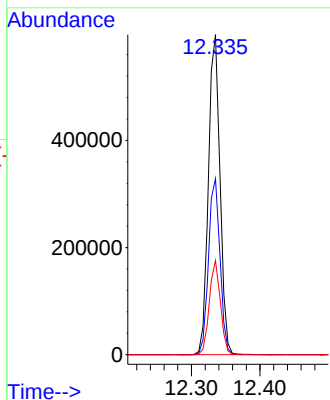
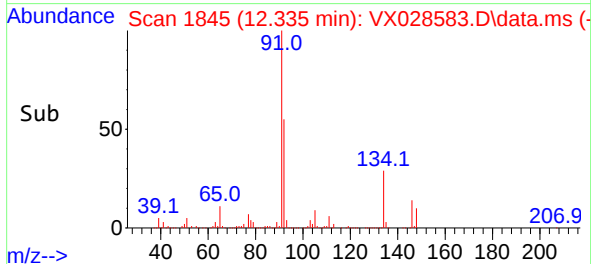
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



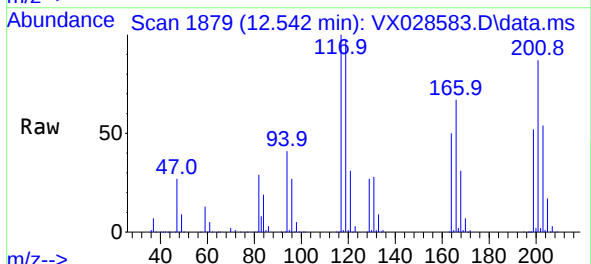
Tgt Ion: 91 Resp: 704538
Ion Ratio Lower Upper
91 100
92 54.5 27.8 83.3
134 28.2 13.3 39.8

Manual Integrations
APPROVED

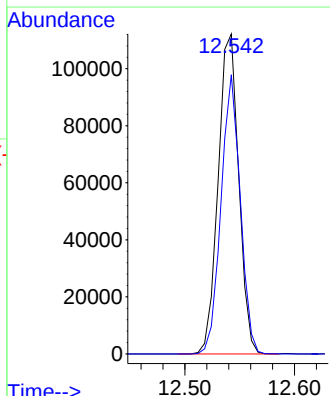
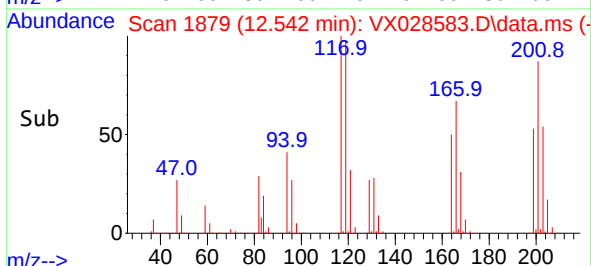
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

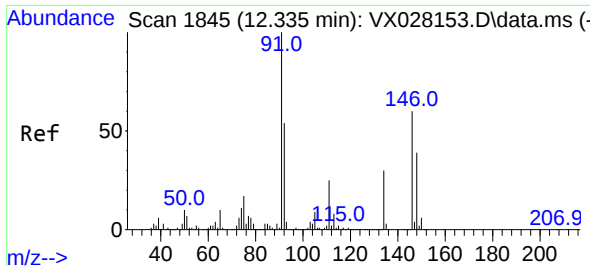


#90
Hexachloroethane
Concen: 48.913 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



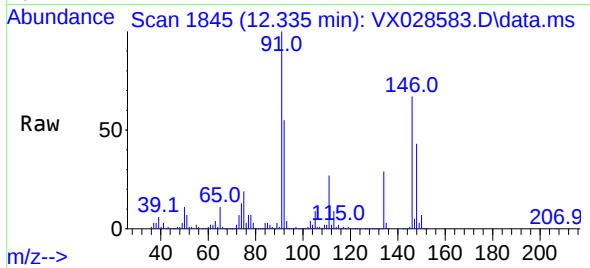
Tgt Ion:117 Resp: 146096
Ion Ratio Lower Upper
117 100
201 81.5 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 54.692 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

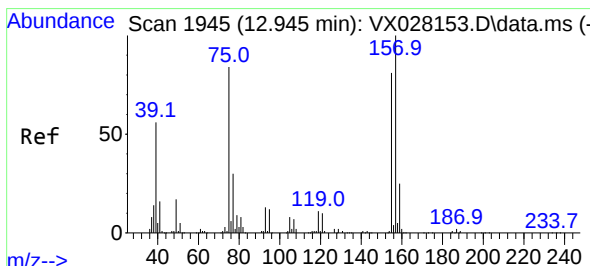
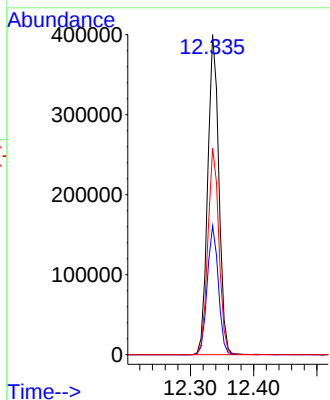
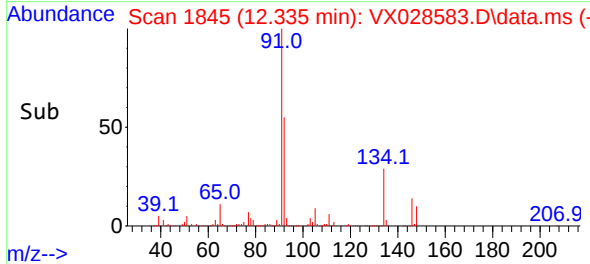
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 489620
Ion Ratio Lower Upper
146 100
111 40.1 21.0 63.0
148 64.4 32.6 97.7

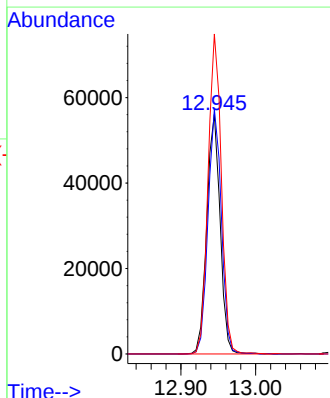
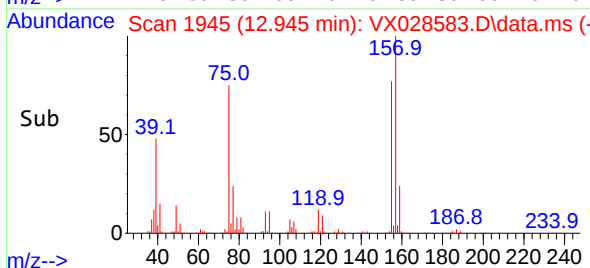
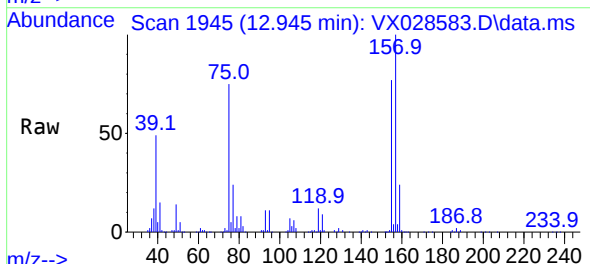
Manual Integrations
APPROVED

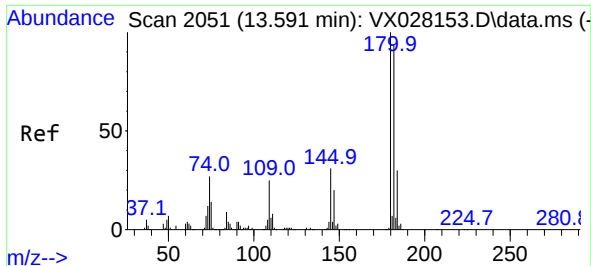
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.176 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

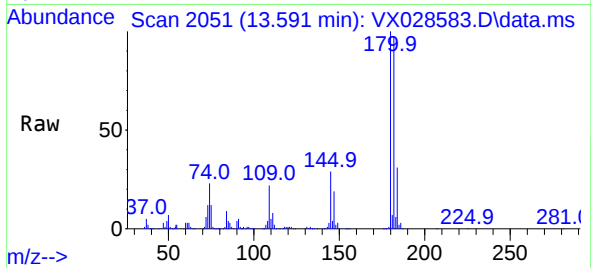
Tgt Ion: 75 Resp: 69342
Ion Ratio Lower Upper
75 100
155 102.8 47.0 141.2
157 132.8 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 57.515 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

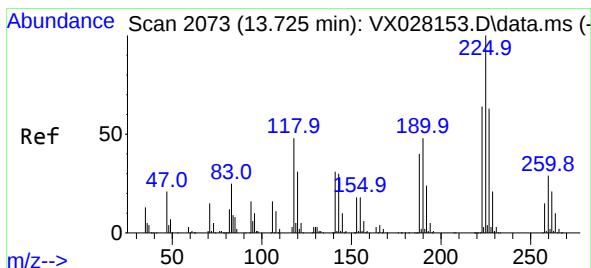
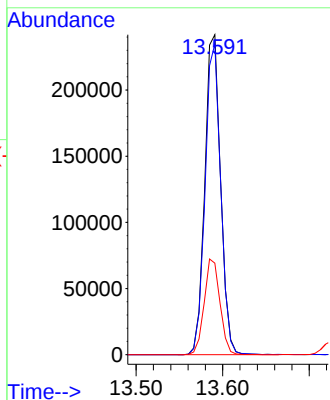
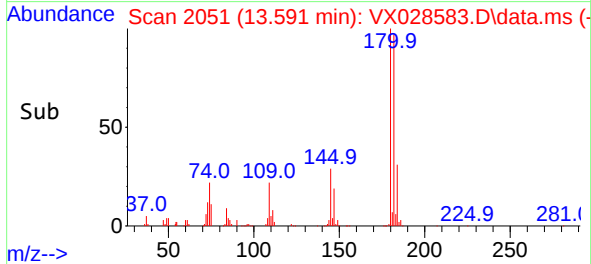
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



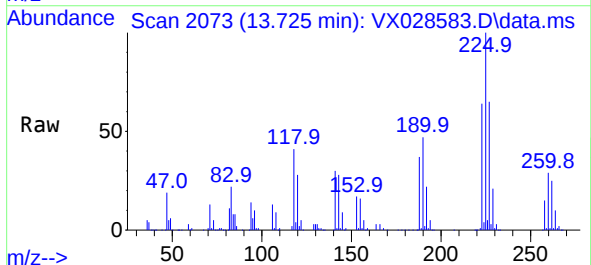
Tgt Ion:180 Resp: 30624
Ion Ratio Lower Upper
180 100
182 96.0 47.7 143.1
145 29.9 15.2 45.5

Manual Integrations
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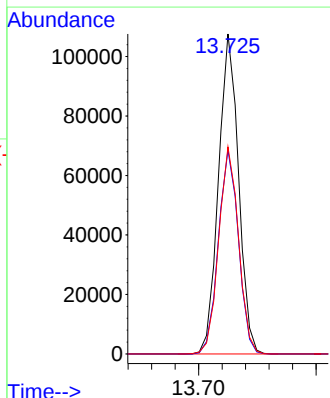
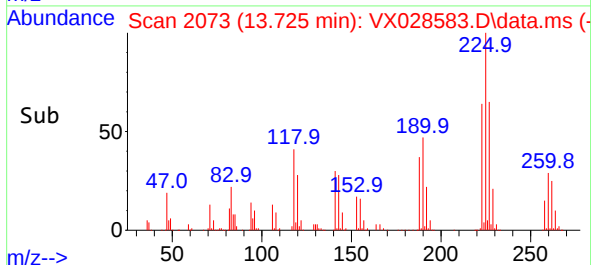
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

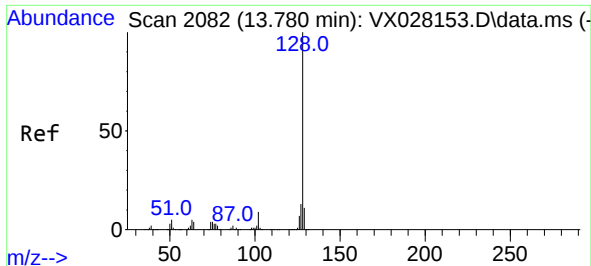


#94
Hexachlorobutadiene
Concen: 53.634 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12



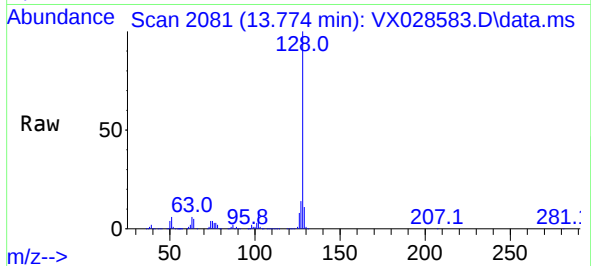
Tgt Ion:225 Resp: 127432
Ion Ratio Lower Upper
225 100
223 63.7 34.2 102.5
227 64.1 33.9 101.7





#95
Naphthalene
Concen: 58.465 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

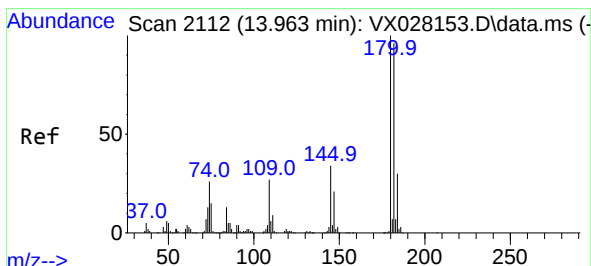
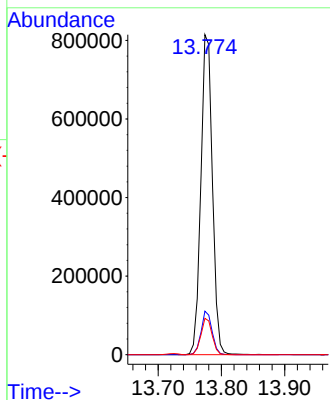
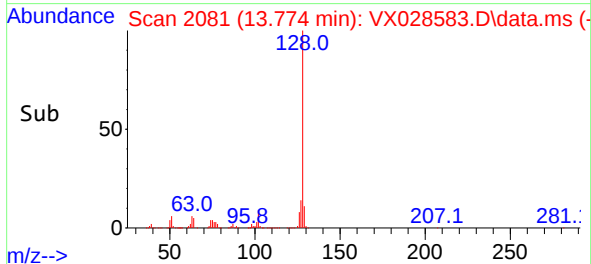
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1037022
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.639 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028583.D
Acq: 10 May 2022 10:12

Tgt Ion:180 Resp: 306475
Ion Ratio Lower Upper
180 100
182 95.4 50.0 149.8
145 32.1 16.2 48.5

