

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078752.D
 Acq On : 27 Mar 2024 14:37
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 05:08:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	191513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49703	45.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.805	113	58860	47.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.269	98	206798	45.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.575	95	66583	50.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	51122	47.308	ug/l	96
3) Chloromethane	2.152	50	80191	46.999	ug/l	96
4) Vinyl Chloride	2.287	62	121920	48.439	ug/l	99
5) Bromomethane	2.693	94	109525	45.448	ug/l	97
6) Chloroethane	2.840	64	95306	48.554	ug/l	97
7) Trichlorofluoromethane	3.175	101	102319	51.385	ug/l	96
8) Diethyl Ether	3.599	74	29855	51.352	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	63316	50.666	ug/l	99
10) Methyl Iodide	4.164	142	78999	53.442	ug/l	99
11) Tert butyl alcohol	5.052	59	14711	302.100	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	60197	50.672	ug/l	94
13) Acrolein	3.799	56	11698	153.353	ug/l	94
14) Allyl chloride	4.569	41	68511	51.685	ug/l	99
15) Acrylonitrile	5.252	53	65201	278.201	ug/l	96
16) Acetone	4.016	43	63065	299.722	ug/l	98
17) Carbon Disulfide	4.275	76	176372	45.288	ug/l	100
18) Methyl Acetate	4.563	43	28181	62.408	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	136997	57.183	ug/l	97
20) Methylene Chloride	4.799	84	81512	57.558	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	72867	51.982	ug/l	95
22) Diisopropyl ether	6.216	45	163816	54.356	ug/l	98
23) Vinyl Acetate	6.152	43	495538	281.098	ug/l	97
24) 1,1-Dichloroethane	6.110	63	118173	52.300	ug/l	98
25) 2-Butanone	7.081	43	79657	284.749	ug/l	94
26) 2,2-Dichloropropane	7.075	77	104060	54.433	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	84330	52.745	ug/l	99
28) Bromochloromethane	7.428	49	42303	52.514	ug/l	98
29) Tetrahydrofuran	7.446	42	44820	294.569	ug/l	98
30) Chloroform	7.599	83	135151	53.646	ug/l	99
31) Cyclohexane	7.881	56	88134	48.189	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	111631	52.225	ug/l	99
36) 1,1-Dichloropropene	8.010	75	95465	53.360	ug/l	99
37) Ethyl Acetate	7.163	43	33712	57.680	ug/l	97
38) Carbon Tetrachloride	7.993	117	100973	53.535	ug/l	98
39) Methylcyclohexane	9.275	83	110222	53.109	ug/l	95
40) Benzene	8.252	78	290277	53.674	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16841	54.984	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	74512	56.496	ug/l	100
43) Isopropyl Acetate	8.357	43	61813	58.154	ug/l #	78
44) Trichloroethene	9.028	130	78046	53.177	ug/l	97
45) 1,2-Dichloropropane	9.304	63	71530	55.756	ug/l	97
46) Dibromomethane	9.393	93	43270	56.265	ug/l	98
47) Bromodichloromethane	9.581	83	102823	56.163	ug/l	93
48) Methyl methacrylate	9.381	41	29812	57.562	ug/l	95
49) 1,4-Dioxane	9.381	88	9203	1292.455	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	165700	298.190	ug/l	99
52) Toluene	10.334	92	189380	54.391	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	94562	56.492	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	115944	57.618	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	60824	59.061	ug/l	92
56) Ethyl methacrylate	10.598	69	60078	58.192	ug/l	97
57) 1,3-Dichloropropane	10.881	76	94820	57.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	147952	325.007	ug/l	100
59) 2-Hexanone	10.922	43	126239	306.454	ug/l	97
60) Dibromochloromethane	11.075	129	74252	58.465	ug/l	98
61) 1,2-Dibromoethane	11.181	107	57498	57.692	ug/l	99
64) Tetrachloroethene	10.810	164	66184	54.643	ug/l	94
65) Chlorobenzene	11.604	112	207417	54.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	77623	55.417	ug/l	99
67) Ethyl Benzene	11.687	91	358602	55.021	ug/l	98
68) m/p-Xylenes	11.793	106	290519	109.771	ug/l	100
69) o-Xylene	12.122	106	136384	55.696	ug/l	100
70) Styrene	12.134	104	240812	58.591	ug/l	99
71) Bromoform	12.298	173	44356	58.596	ug/l #	92
73) Isopropylbenzene	12.422	105	345380	51.964	ug/l	99
74) N-amyl acetate	12.234	43	58619	54.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	67558	54.907	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	77698	99.901	ug/l #	100
77) Bromobenzene	12.698	156	85211	51.696	ug/l	98
78) n-propylbenzene	12.763	91	430209	53.175	ug/l	99
79) 2-Chlorotoluene	12.851	91	230141	51.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	298716	54.348	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	20724	55.854	ug/l	98
82) 4-Chlorotoluene	12.945	91	242179	51.589	ug/l	100
83) tert-Butylbenzene	13.163	119	254688	53.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	301164	54.372	ug/l	100
85) sec-Butylbenzene	13.345	105	388698	54.197	ug/l	99
86) p-Isopropyltoluene	13.463	119	334332	54.454	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	187504	53.906	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	182172	53.142	ug/l	98
89) n-Butylbenzene	13.787	91	301473	54.369	ug/l	99
90) Hexachloroethane	14.051	117	64577	50.832	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	157086	52.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9131	55.476	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	95825	54.808	ug/l	93
94) Hexachlorobutadiene	15.198	225	50746	53.612	ug/l	99
95) Naphthalene	15.334	128	167737	55.181	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	85254	56.364	ug/l	100

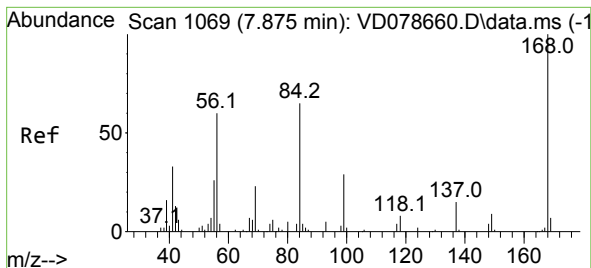
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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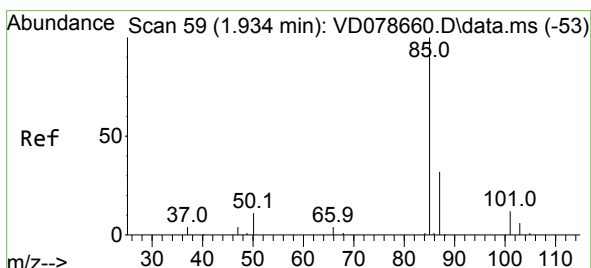
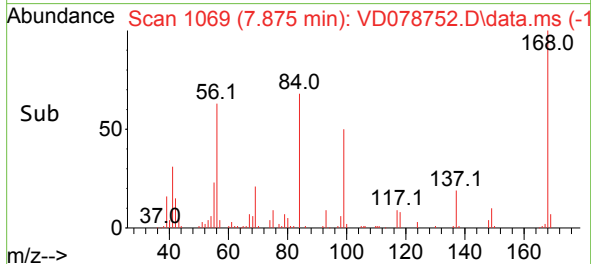
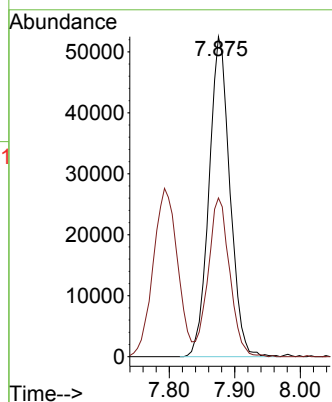
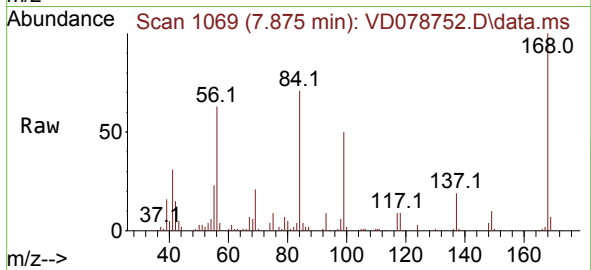
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

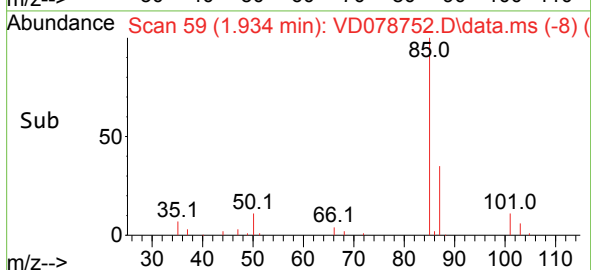
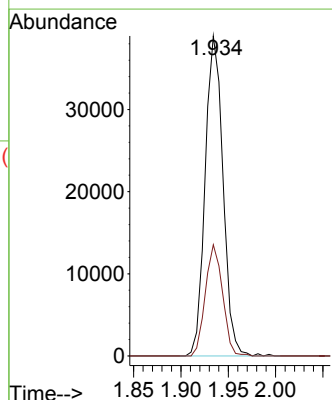
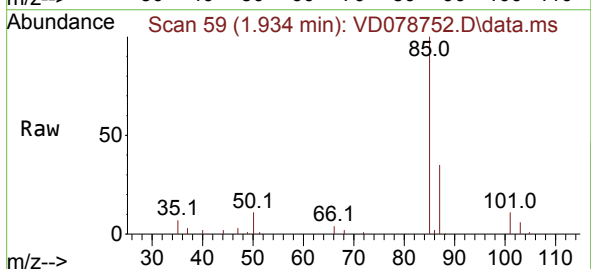
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ClientSampleId :
VSTDCCC050

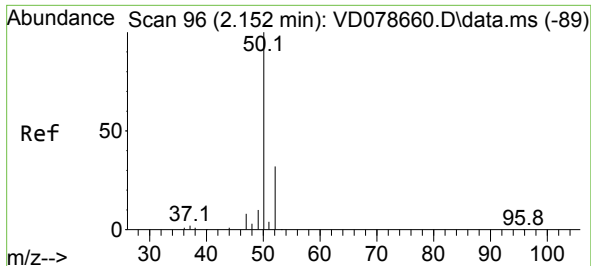
Tgt Ion:168 Resp: 116107
Ion Ratio Lower Upper
168 100
99 49.6 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 47.308 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 85 Resp: 51122
Ion Ratio Lower Upper
85 100
87 34.7 16.2 48.5

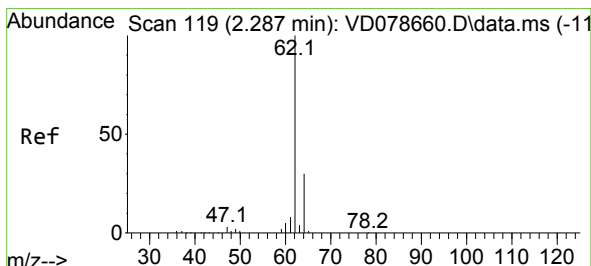
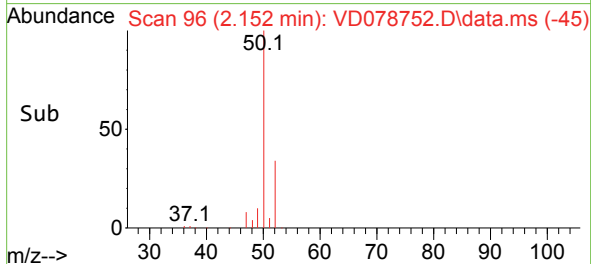
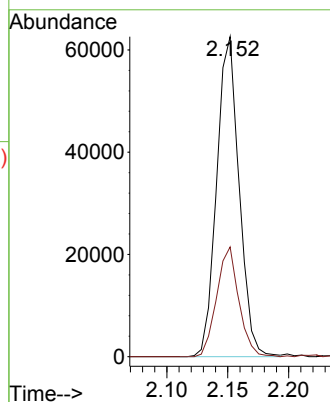
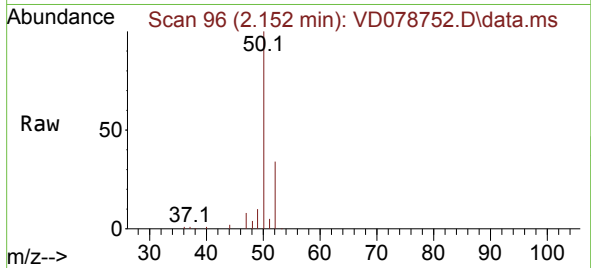




#3
Chloromethane
Concen: 46.999 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

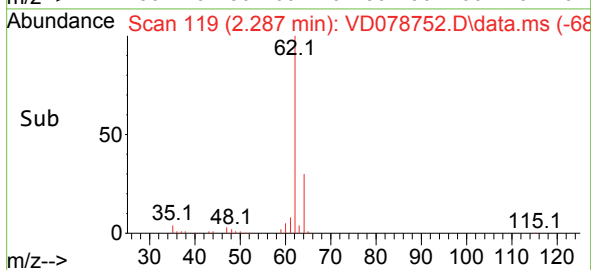
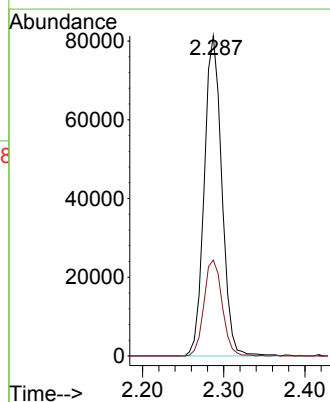
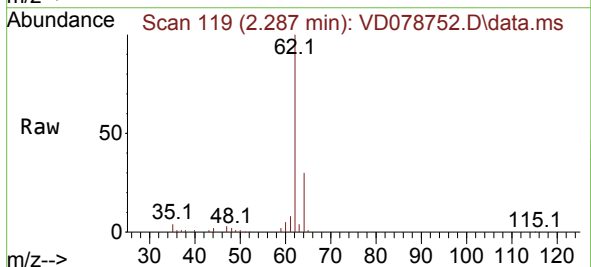
Instrument :
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ClientSampleId :
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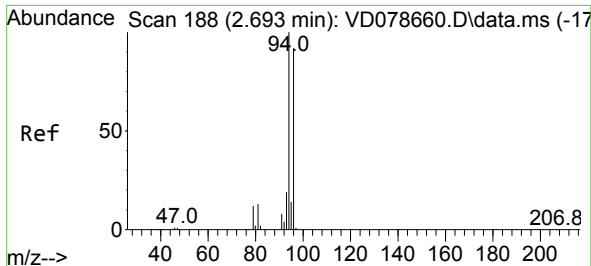
Tgt Ion: 50 Resp: 80191
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 48.439 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 62 Resp: 121920
Ion Ratio Lower Upper
62 100
64 30.0 23.7 35.5

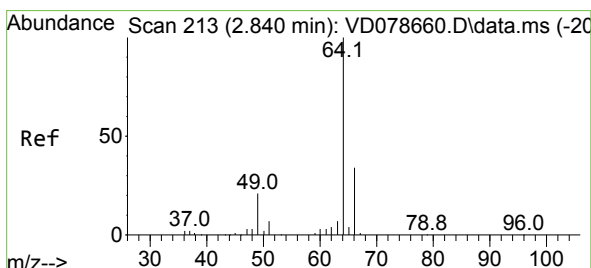
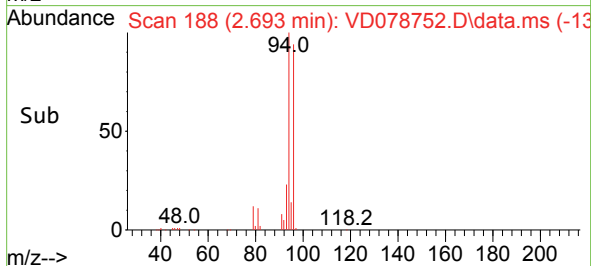
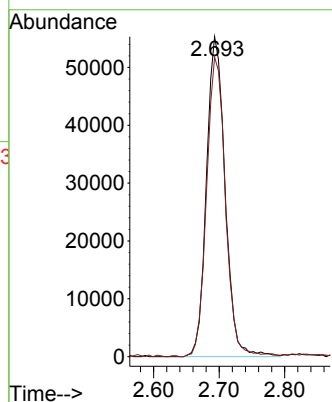
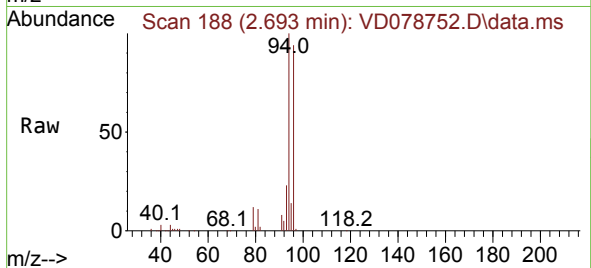




#5
Bromomethane
Concen: 45.448 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

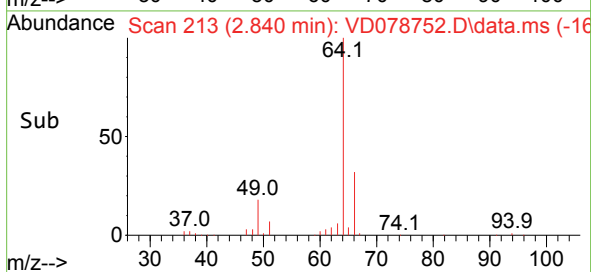
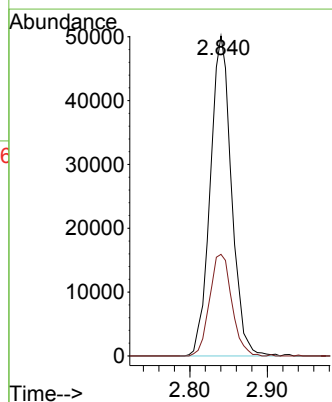
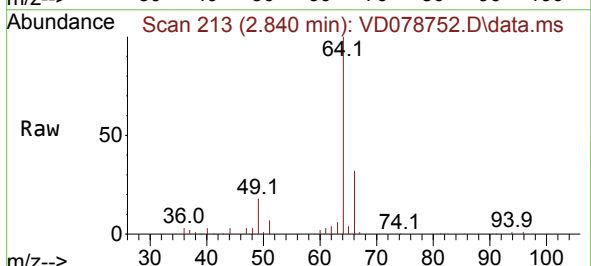
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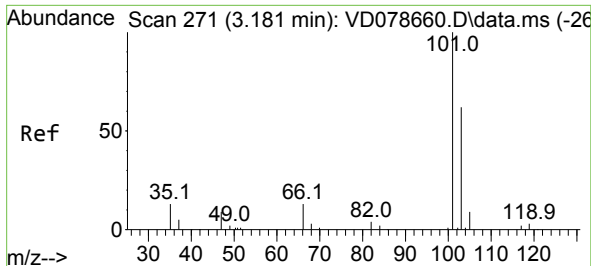
Tgt Ion: 94 Resp: 109525
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3



#6
Chloroethane
Concen: 48.554 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 64 Resp: 95306
Ion Ratio Lower Upper
64 100
66 31.7 26.8 40.2

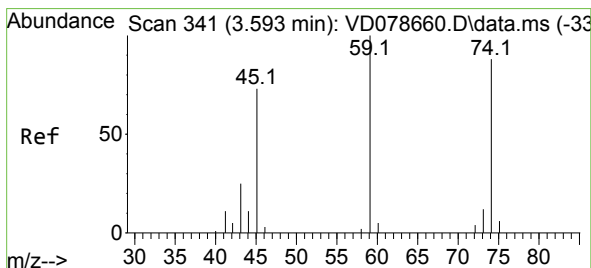
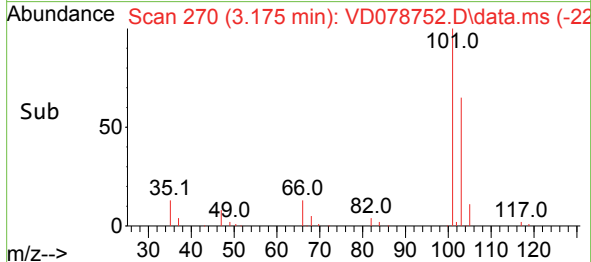
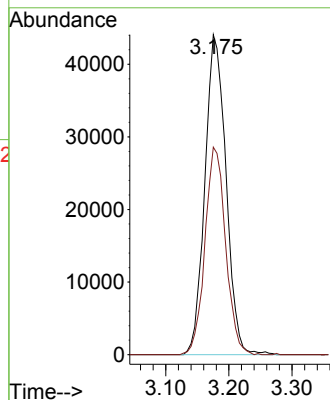
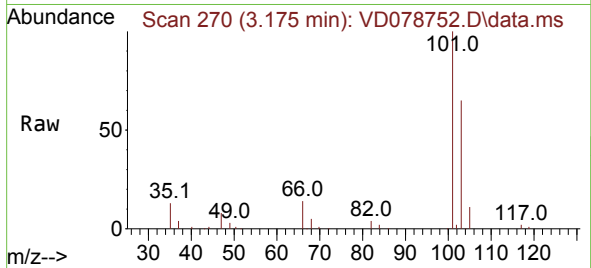




#7
Trichlorofluoromethane
Concen: 51.385 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

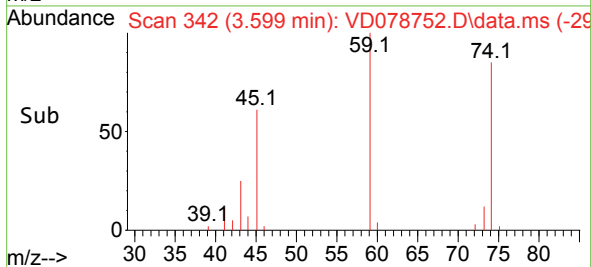
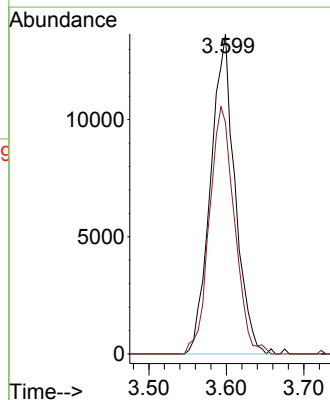
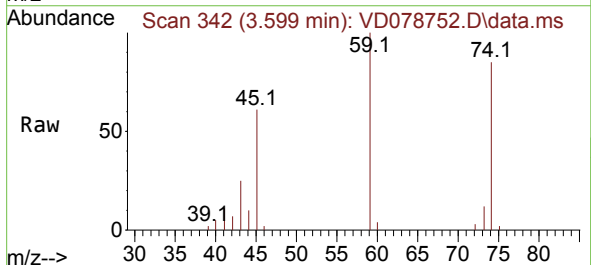
Instrument :
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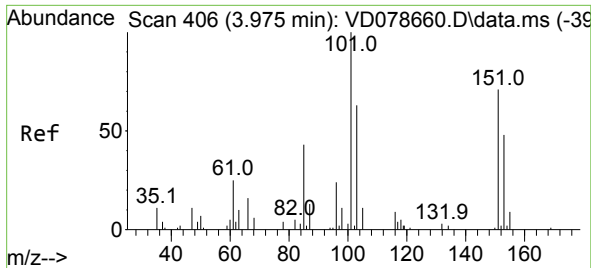
Tgt Ion:101 Resp: 102319
Ion Ratio Lower Upper
101 100
103 64.8 49.7 74.5



#8
Diethyl Ether
Concen: 51.352 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 74 Resp: 29855
Ion Ratio Lower Upper
74 100
45 79.5 42.4 127.3

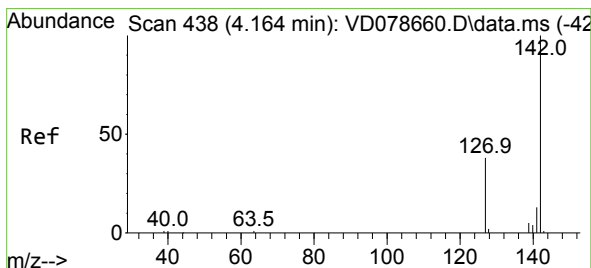
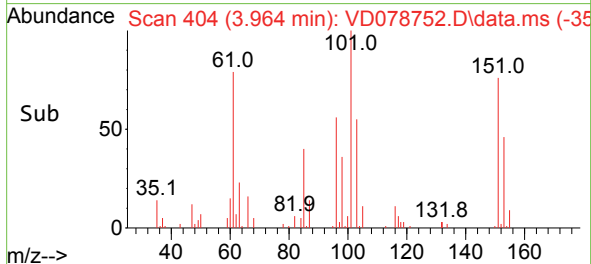
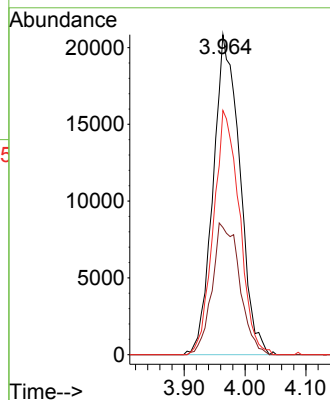
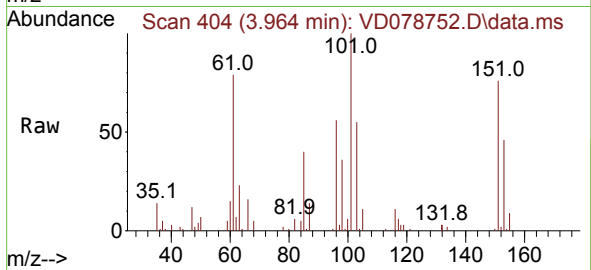




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.666 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD078752.D
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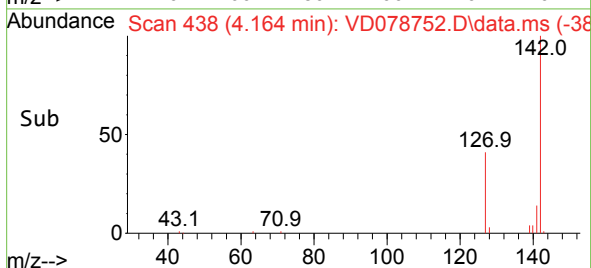
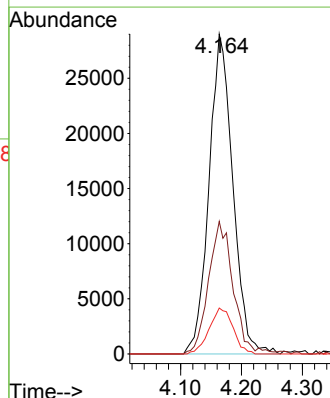
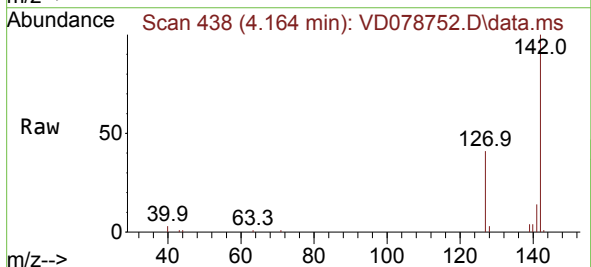
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

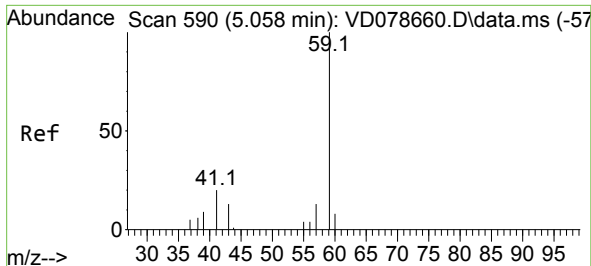
Tgt Ion:101 Resp: 63316
Ion Ratio Lower Upper
101 100
85 42.4 35.8 53.6
151 74.4 59.4 89.2



#10
Methyl Iodide
Concen: 53.442 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:142 Resp: 78999
Ion Ratio Lower Upper
142 100
127 42.6 33.5 50.3
141 14.4 11.7 17.5

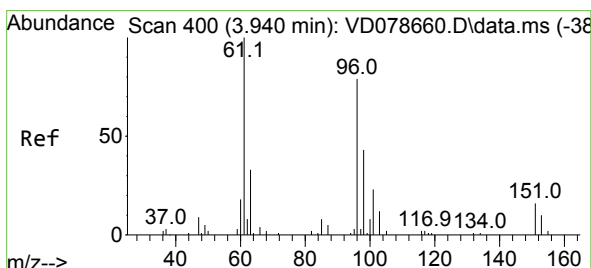
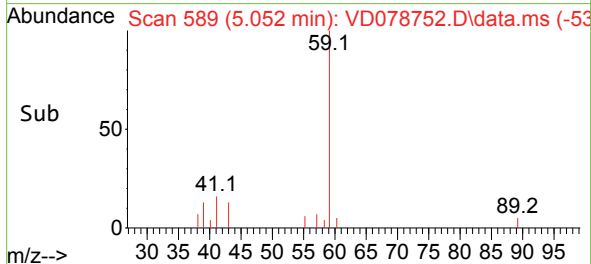
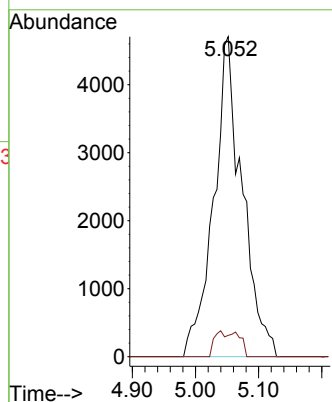
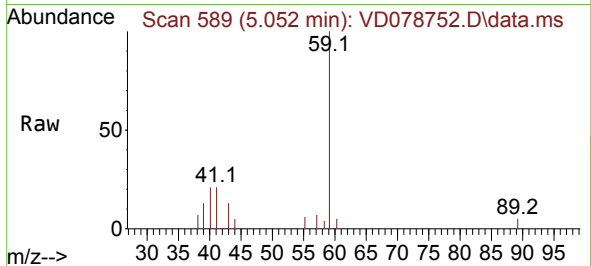




#11
Tert butyl alcohol
Concen: 302.100 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

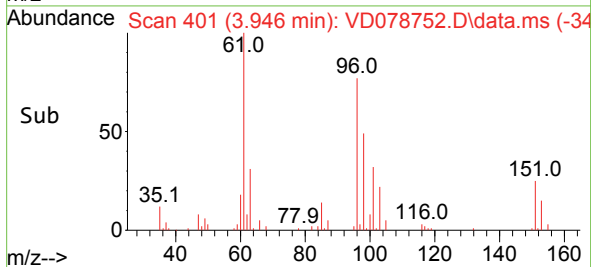
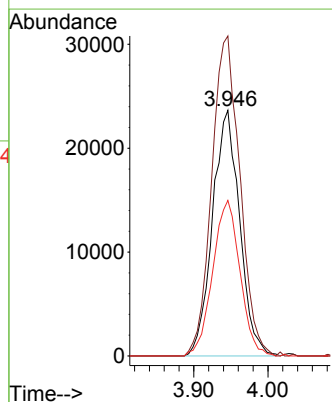
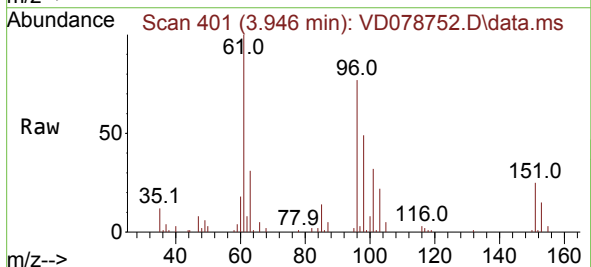
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

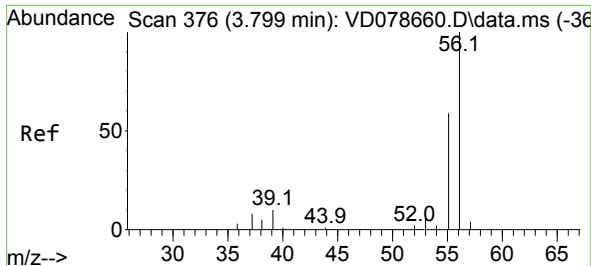
Tgt Ion: 59 Resp: 14711
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 50.672 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 96 Resp: 60197
Ion Ratio Lower Upper
96 100
61 130.3 101.4 152.0
98 63.4 43.4 65.0

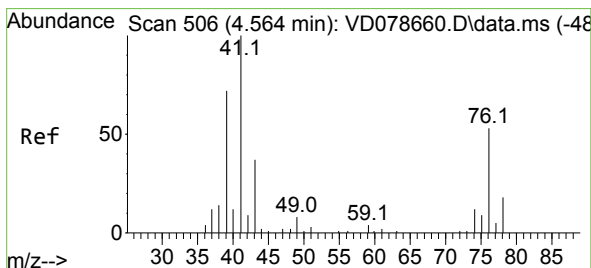
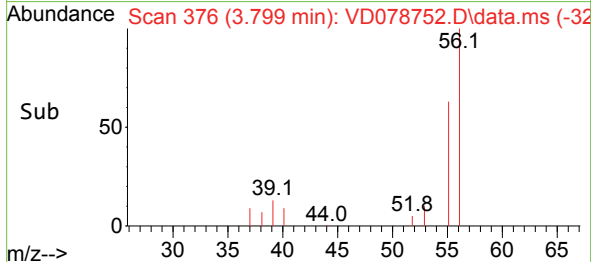
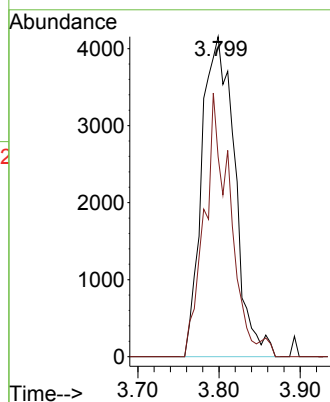
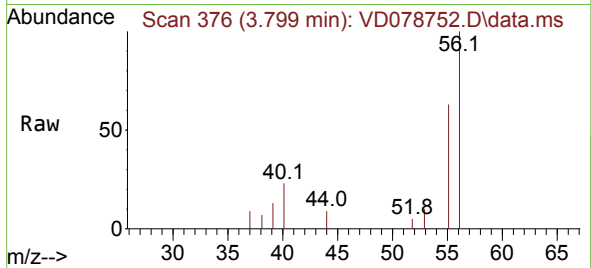




#13
Acrolein
Concen: 153.353 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

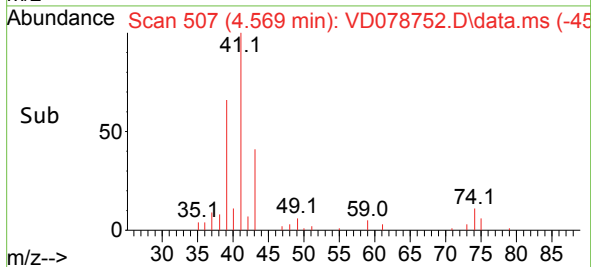
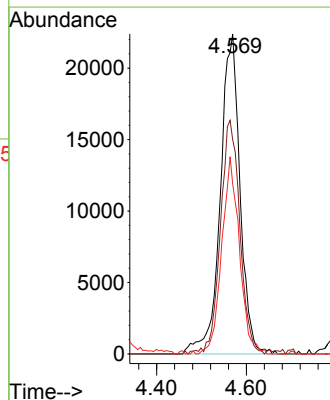
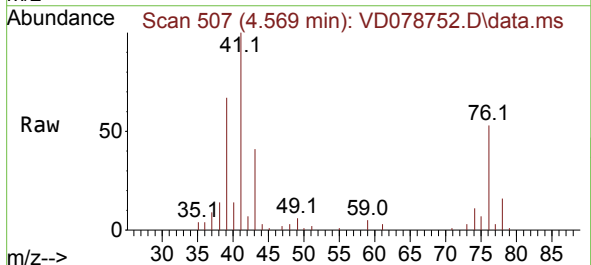
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

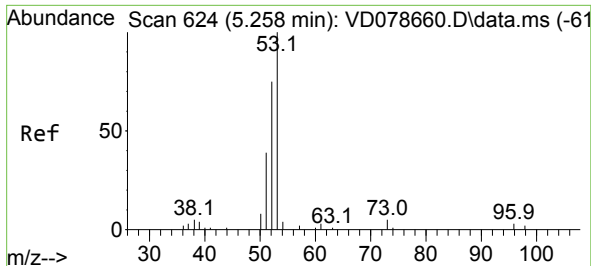
Tgt Ion: 56 Resp: 11698
Ion Ratio Lower Upper
56 100
55 63.4 54.9 82.3



#14
Allyl chloride
Concen: 51.685 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 41 Resp: 68511
Ion Ratio Lower Upper
41 100
39 72.1 57.8 86.6
76 55.2 44.8 67.2

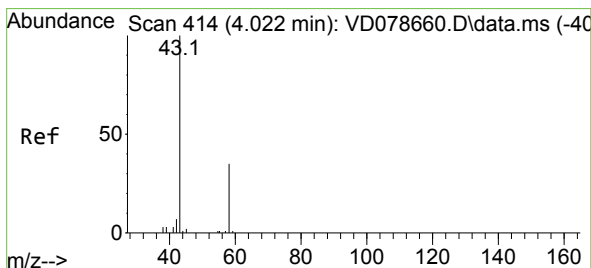
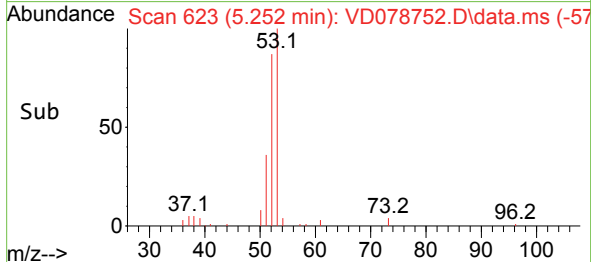
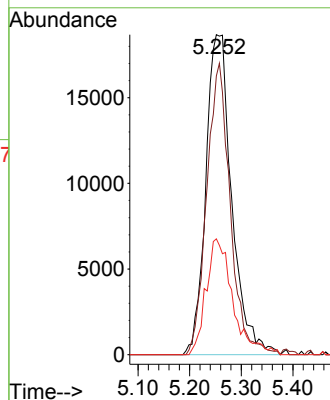
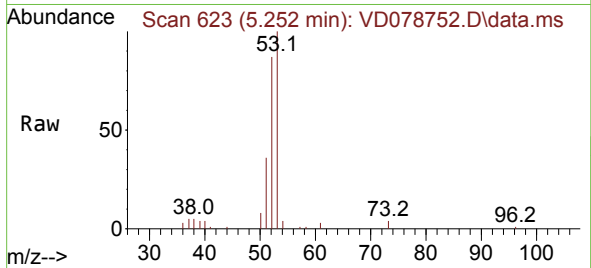




#15
Acrylonitrile
Concen: 278.201 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

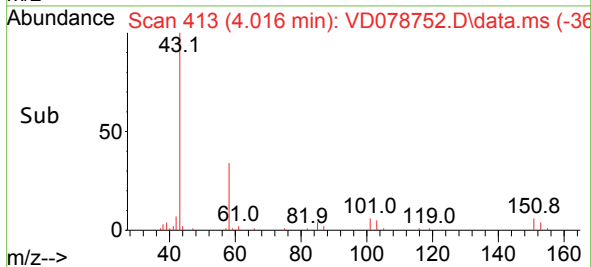
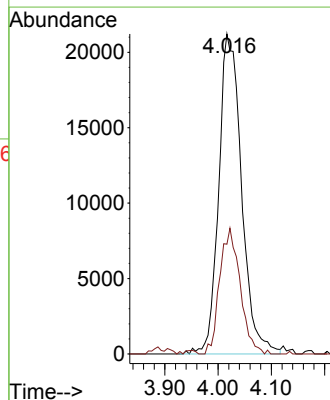
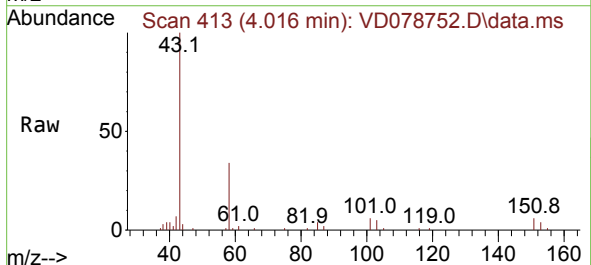
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

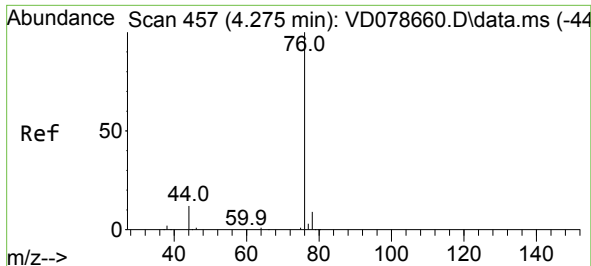
Tgt Ion:	53	Resp:	65201
Ion	Ratio	Lower	Upper
53	100		
52	82.6	61.9	92.9
51	36.8	29.0	43.4



#16
Acetone
Concen: 299.722 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:	43	Resp:	63065
Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.2	42.4

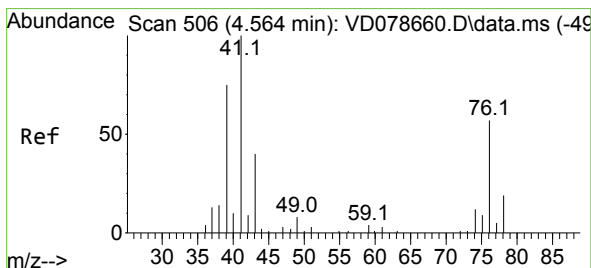
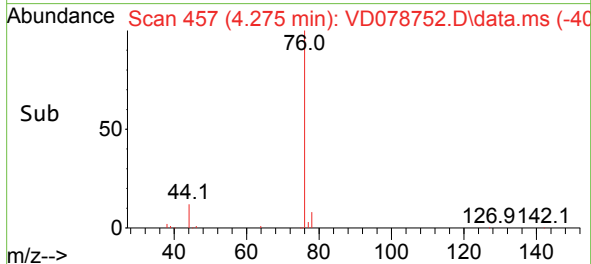
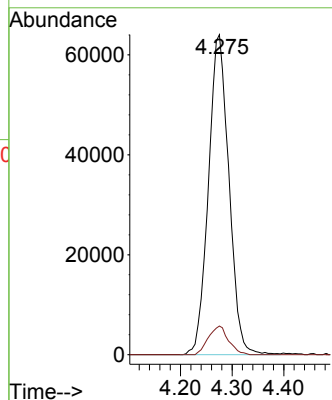
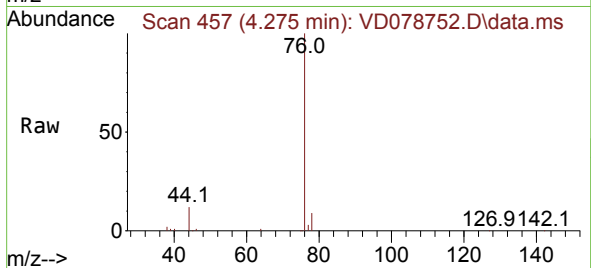




#17
Carbon Disulfide
Concen: 45.288 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

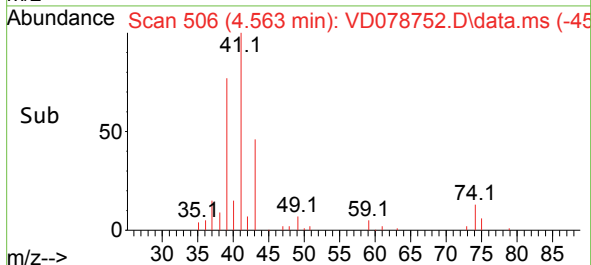
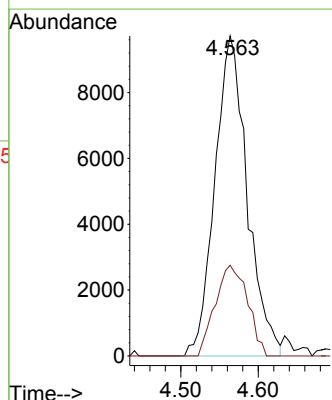
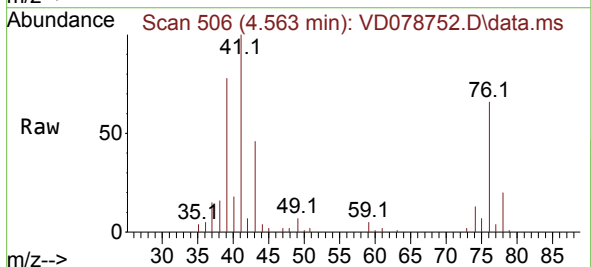
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

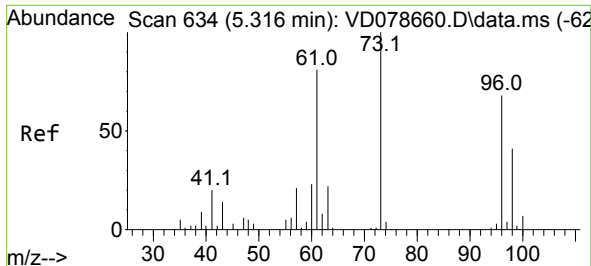
Tgt Ion: 76 Resp: 176372
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 62.408 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 43 Resp: 28181
Ion Ratio Lower Upper
43 100
74 28.3 25.3 37.9

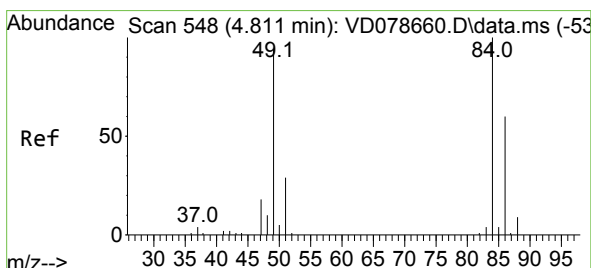
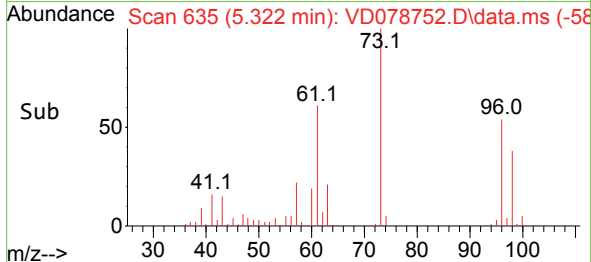
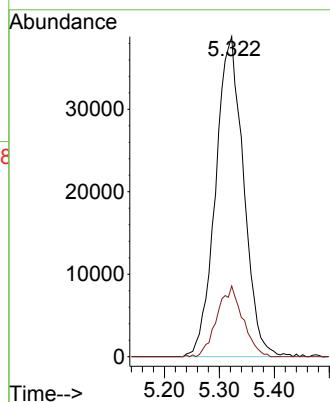
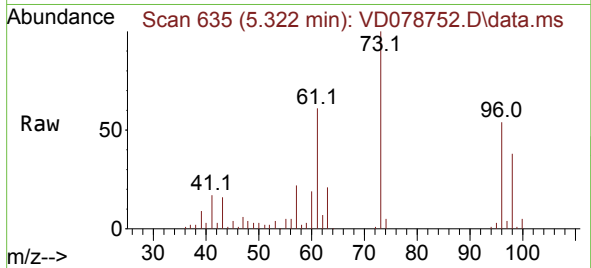




#19
Methyl tert-butyl Ether
Concen: 57.183 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

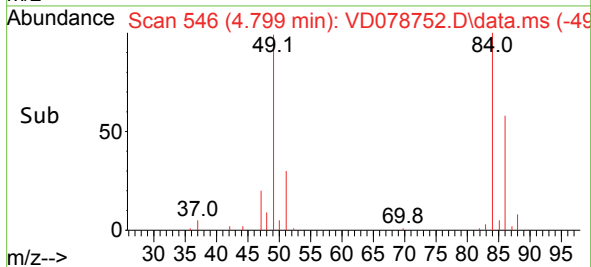
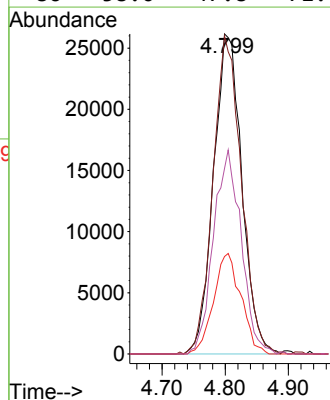
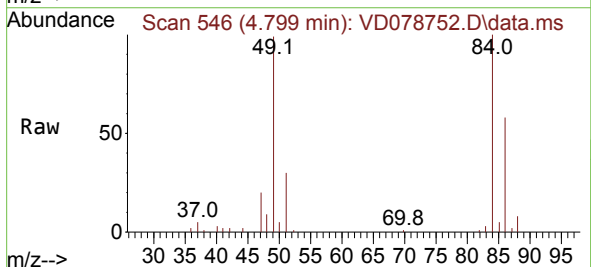
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

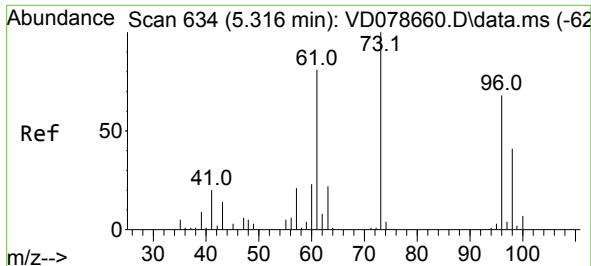
Tgt Ion: 73 Resp: 136997
Ion Ratio Lower Upper
73 100
57 22.1 16.4 24.6



#20
Methylene Chloride
Concen: 57.558 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 84 Resp: 81512
Ion Ratio Lower Upper
84 100
49 98.8 75.6 113.4
51 30.5 23.4 35.0
86 58.0 47.8 71.6

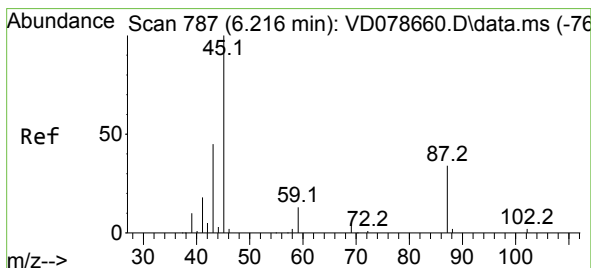
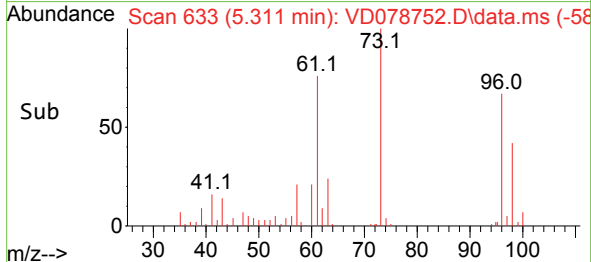
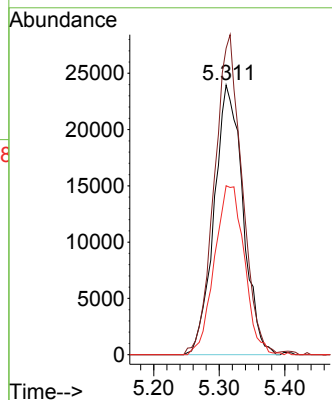
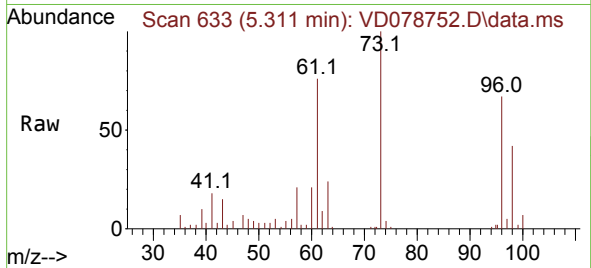




#21
trans-1,2-Dichloroethene
Concen: 51.982 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

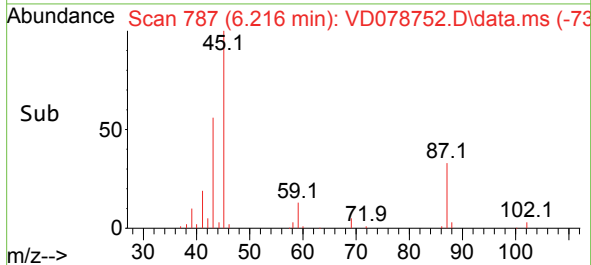
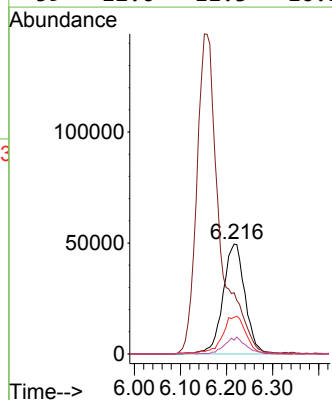
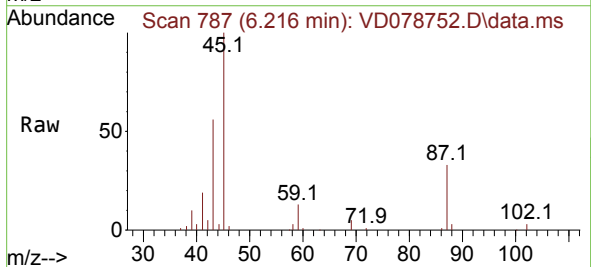
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

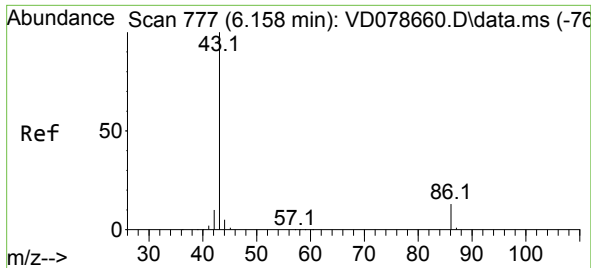
Tgt Ion: 96 Resp: 72867
Ion Ratio Lower Upper
96 100
61 113.7 96.1 144.1
98 62.7 48.9 73.3



#22
Diisopropyl ether
Concen: 54.356 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 45 Resp: 163816
Ion Ratio Lower Upper
45 100
43 54.8 44.3 66.5
87 32.9 28.3 42.5
59 12.6 11.3 16.9

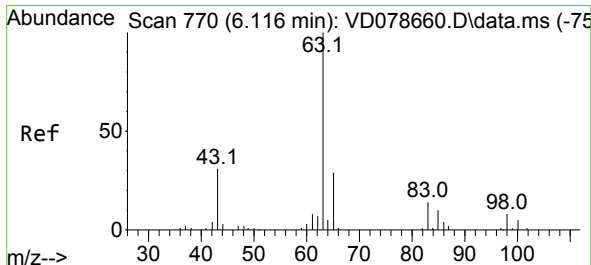
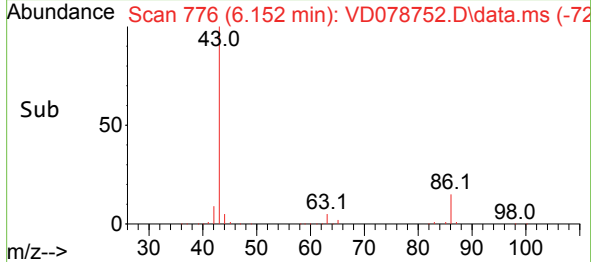
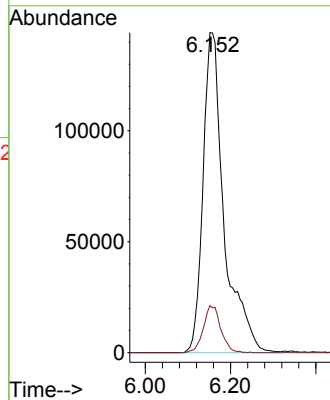
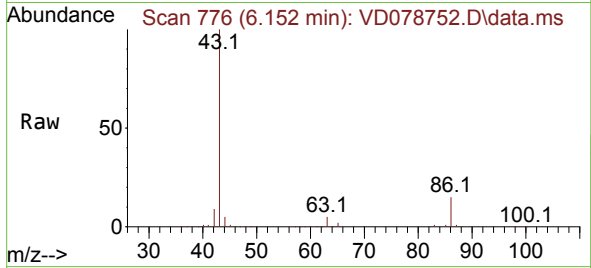




#23
 Vinyl Acetate
 Concen: 281.098 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078752.D
 Acq: 27 Mar 2024 14:37

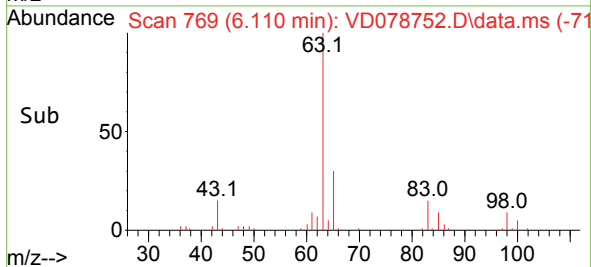
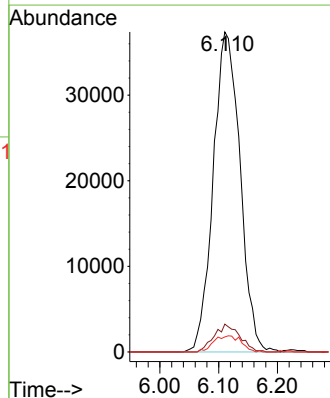
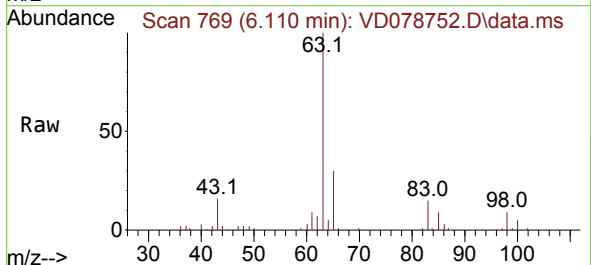
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

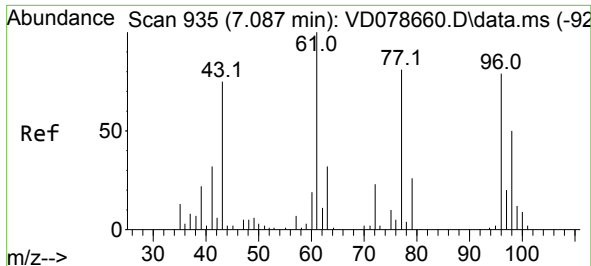
Tgt Ion: 43 Resp: 495538
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 52.300 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078752.D
 Acq: 27 Mar 2024 14:37

Tgt Ion: 63 Resp: 118173
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 11.9
 100 4.7 2.7 8.1





#25

2-Butanone

Concen: 284.749 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

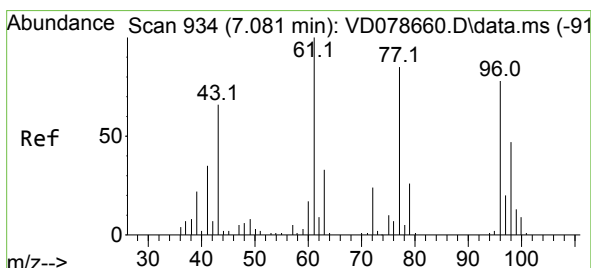
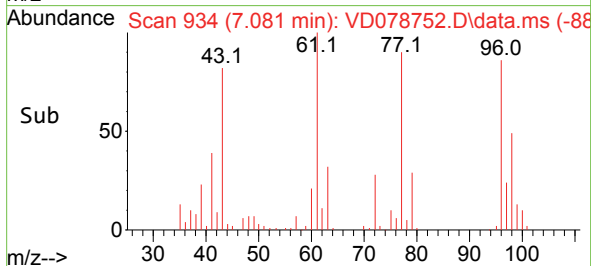
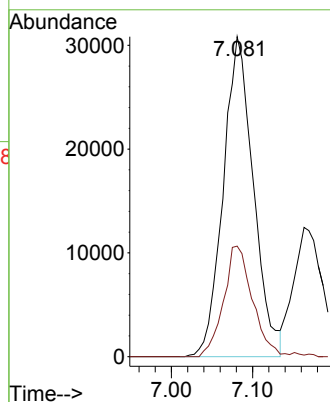
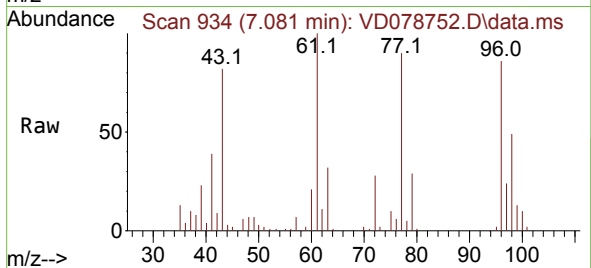
VSTDCCC050

Tgt Ion: 43 Resp: 79657

Ion Ratio Lower Upper

43 100

72 34.5 25.0 37.6



#26

2,2-Dichloropropane

Concen: 54.433 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078752.D

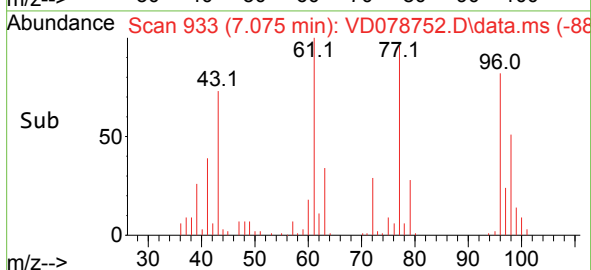
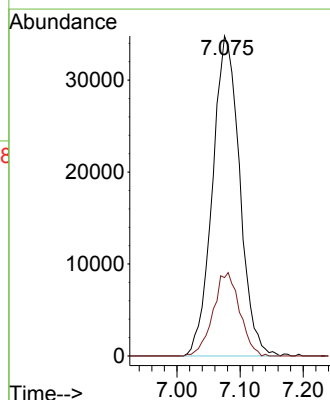
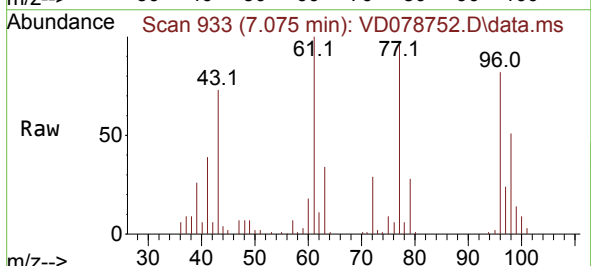
Acq: 27 Mar 2024 14:37

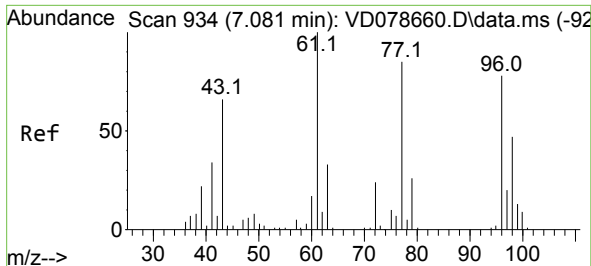
Tgt Ion: 77 Resp: 104060

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.0



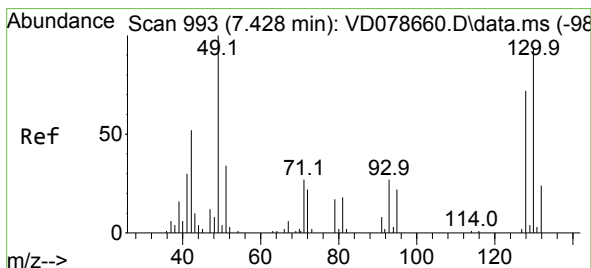
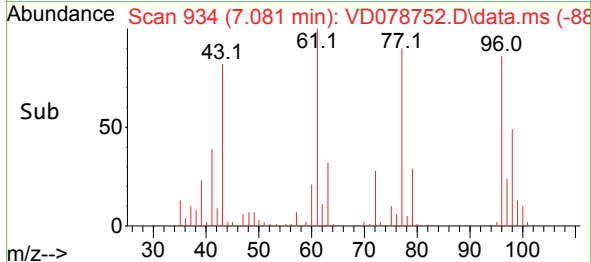
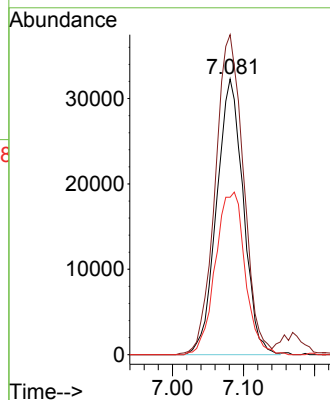
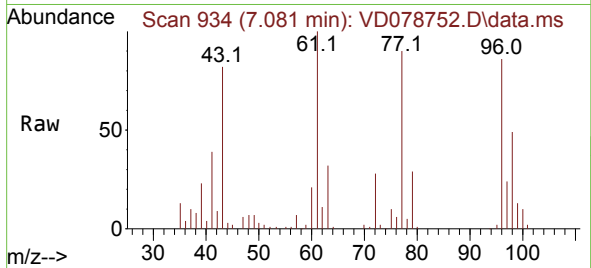


#27
 cis-1,2-Dichloroethene
 Concen: 52.745 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078752.D
 Acq: 27 Mar 2024 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 84330

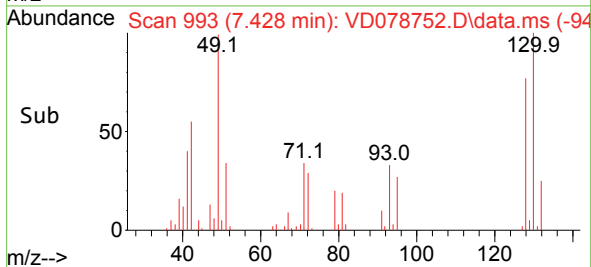
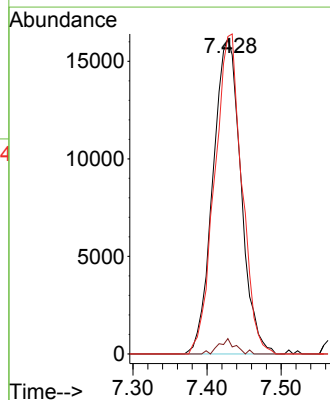
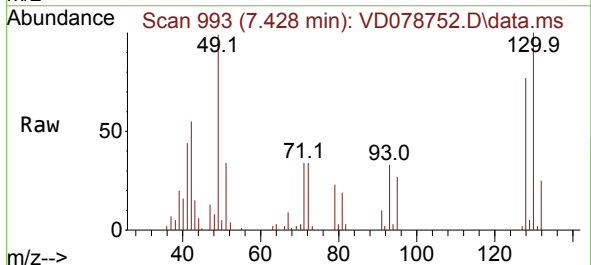
Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	245.0
98	65.5	0.0	126.6

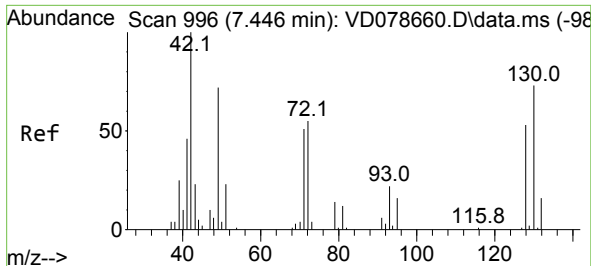


#28
 Bromochloromethane
 Concen: 52.514 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078752.D
 Acq: 27 Mar 2024 14:37

Tgt Ion: 49 Resp: 42303

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	6.2
130	98.8	77.1	115.7

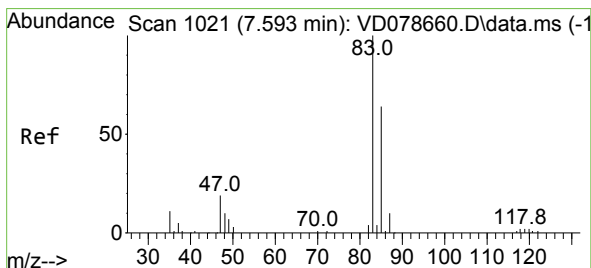
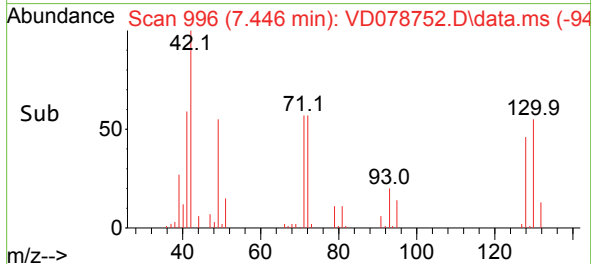
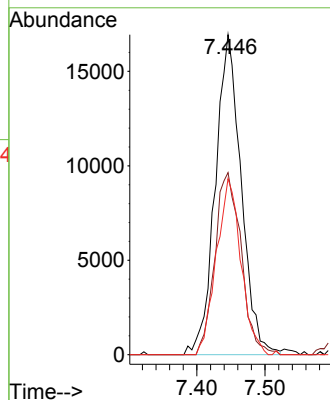
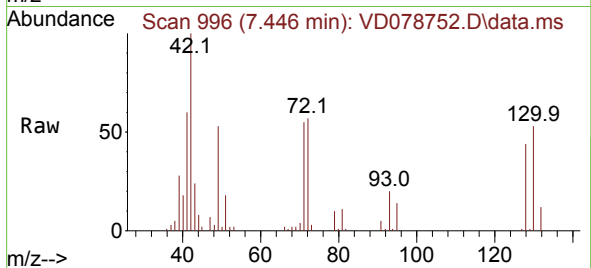




#29
Tetrahydrofuran
Concen: 294.569 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

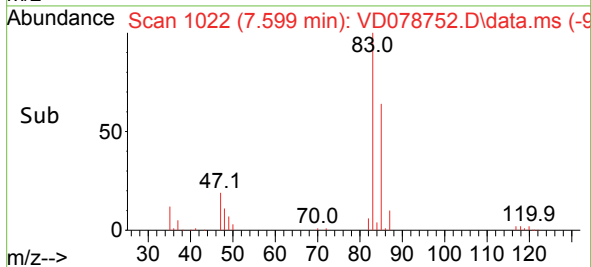
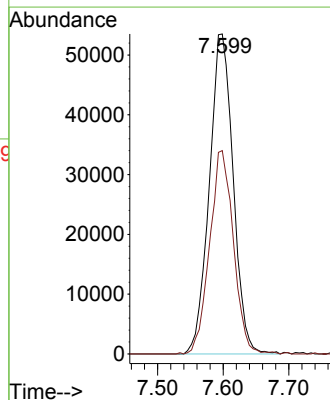
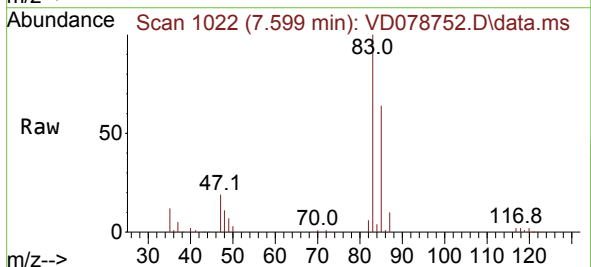
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

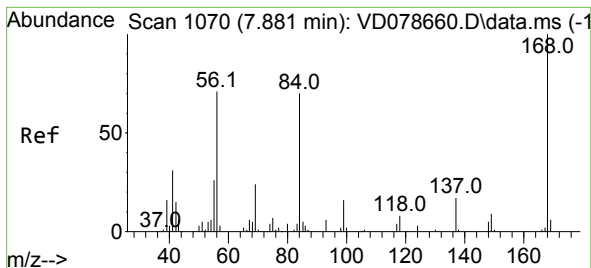
Tgt Ion:	42	Resp:	44820
Ion	Ratio	Lower	Upper
42	100		
72	57.5	43.8	65.6
71	52.1	42.0	63.0



#30
Chloroform
Concen: 53.646 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:	83	Resp:	135151
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8





#31

Cyclohexane

Concen: 48.189 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

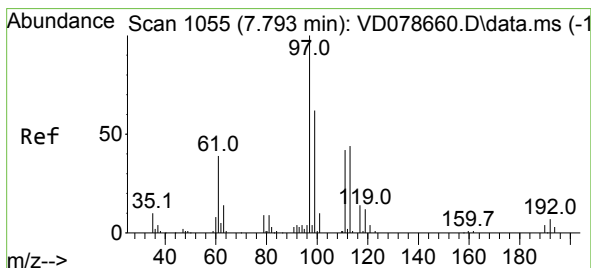
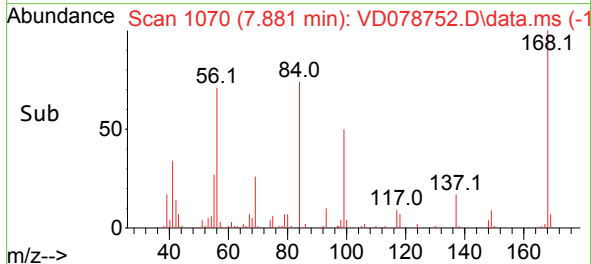
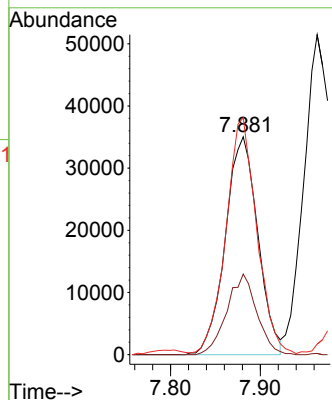
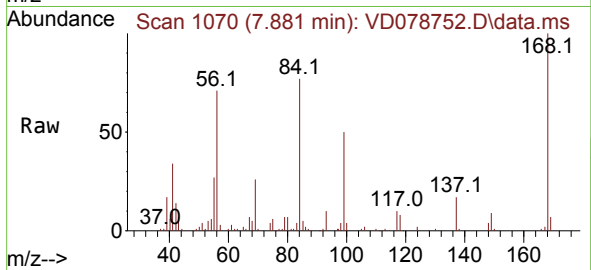
Tgt Ion: 56 Resp: 88134

Ion Ratio Lower Upper

56 100

69 37.0 26.6 40.0

84 107.2 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 52.225 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

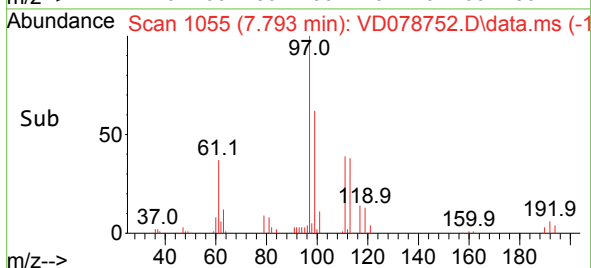
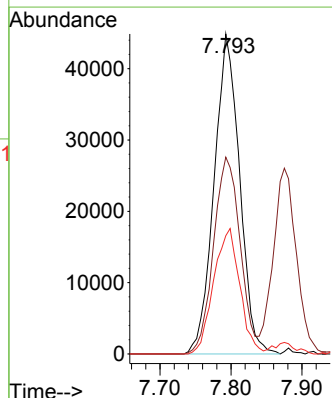
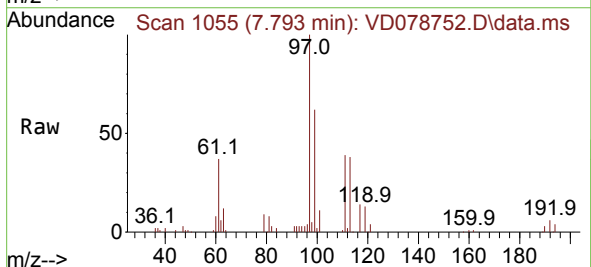
Tgt Ion: 97 Resp: 111631

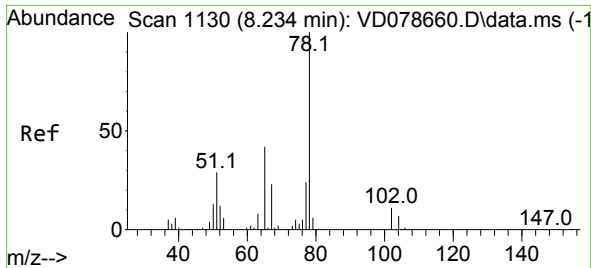
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 40.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 45.678 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

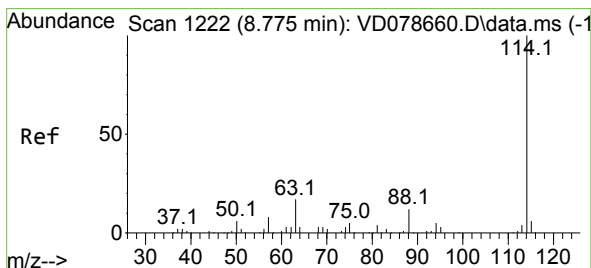
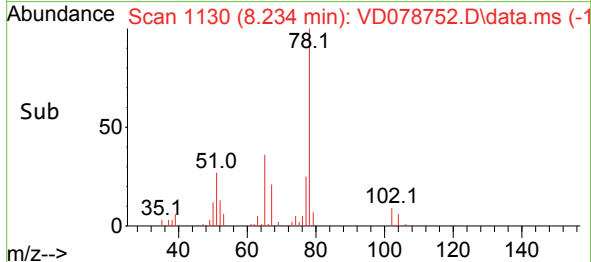
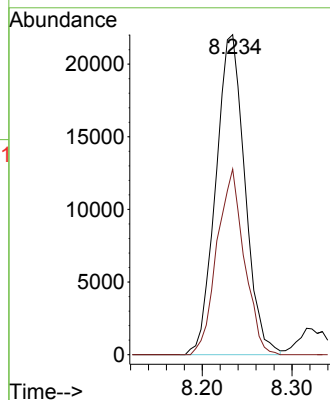
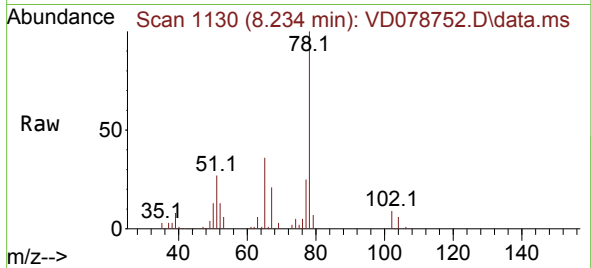
VSTDCCC050

Tgt Ion: 65 Resp: 49703

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

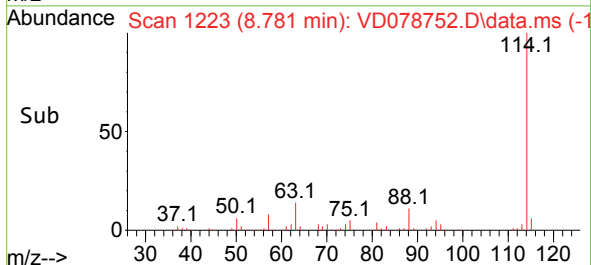
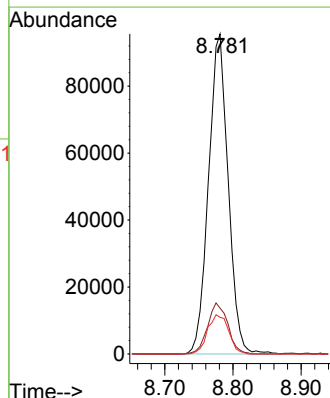
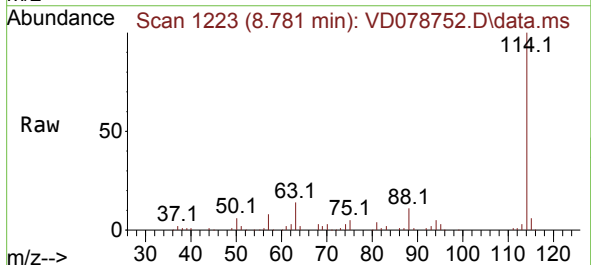
Tgt Ion:114 Resp: 191513

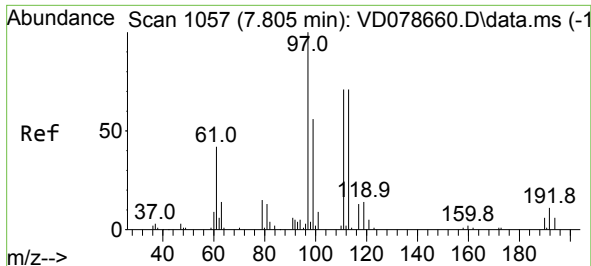
Ion Ratio Lower Upper

114 100

63 14.3 0.0 33.4

88 11.5 0.0 24.6

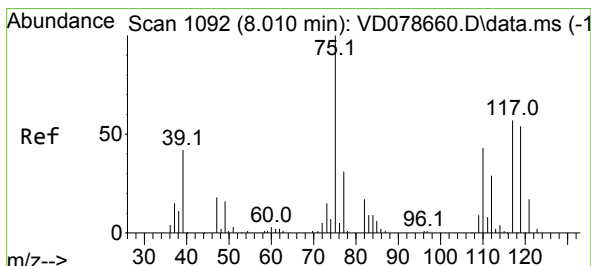
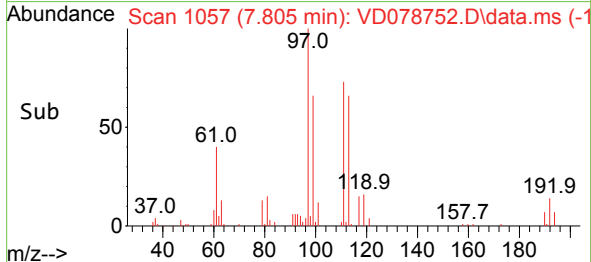
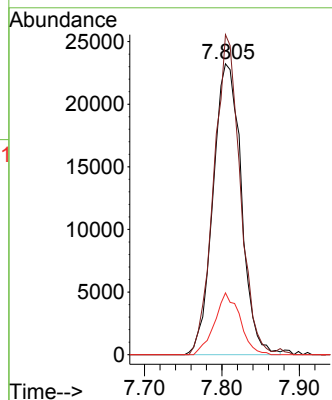
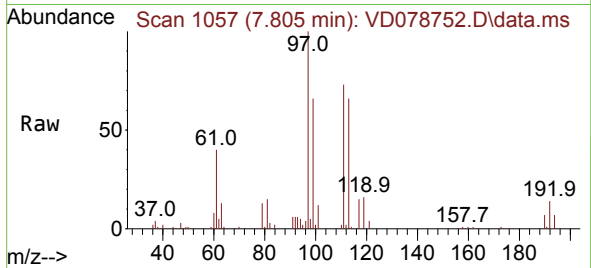




#35
Dibromofluoromethane
Concen: 47.735 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

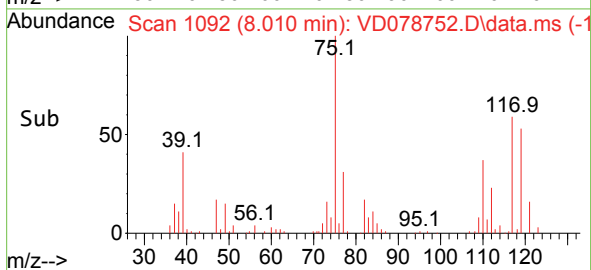
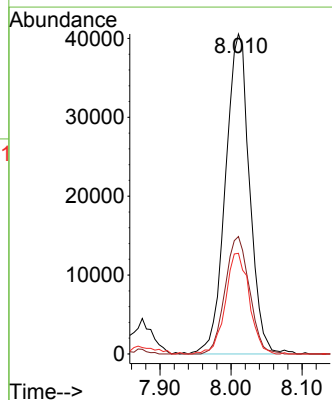
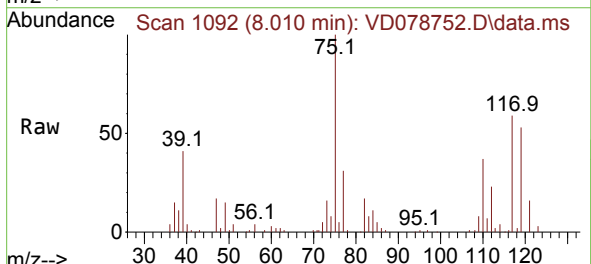
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

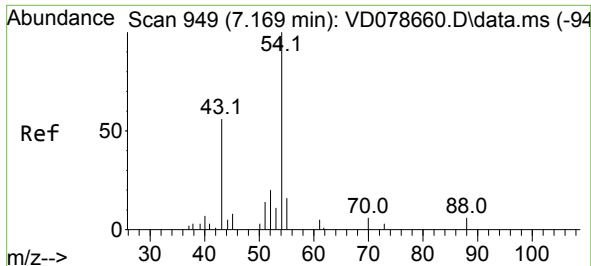
Tgt Ion:113 Resp: 58860
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 53.360 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 75 Resp: 95465
Ion Ratio Lower Upper
75 100
110 37.1 19.1 57.1
77 31.3 25.4 38.2





#37

Ethyl Acetate

Concen: 57.680 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

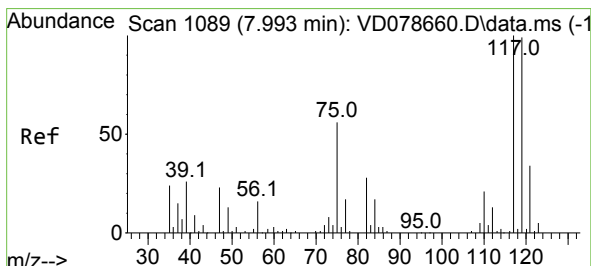
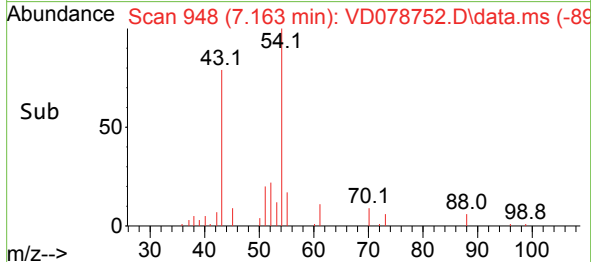
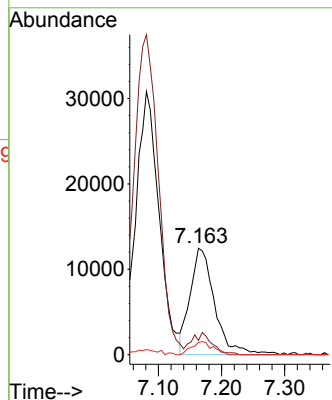
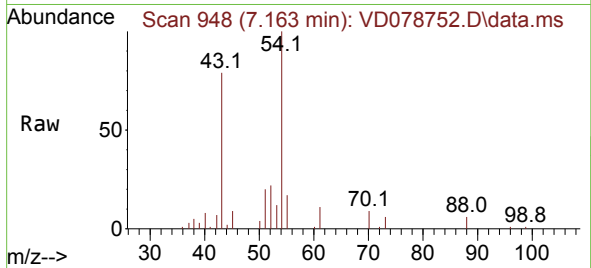
Tgt Ion: 43 Resp: 33712

Ion Ratio Lower Upper

43 100

61 17.0 14.6 21.8

70 10.7 9.4 14.0



#38

Carbon Tetrachloride

Concen: 53.535 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

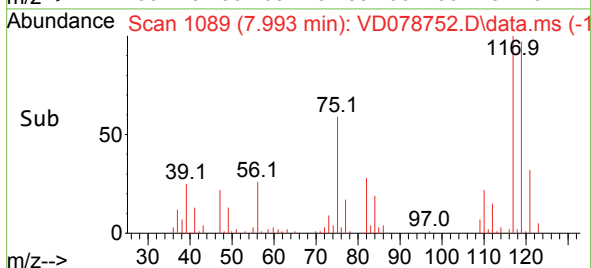
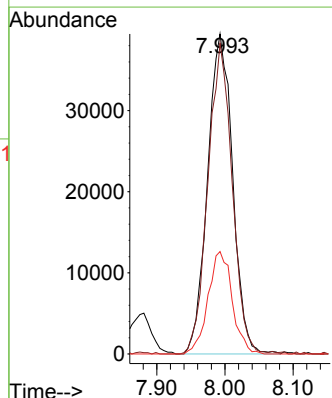
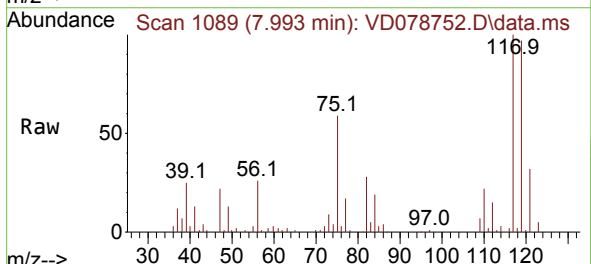
Tgt Ion: 117 Resp: 100973

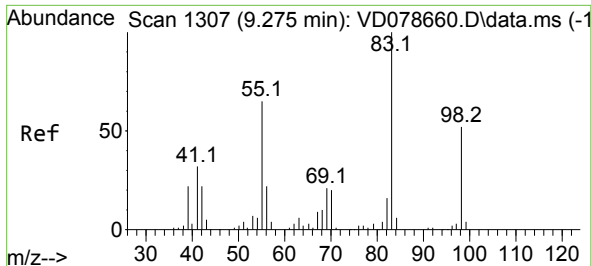
Ion Ratio Lower Upper

117 100

119 97.1 79.2 118.8

121 32.0 26.8 40.2





#39

Methylcyclohexane

Concen: 53.109 ug/l

RT: 9.275 min Scan# 110222

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

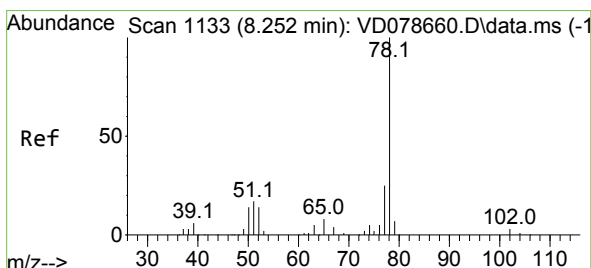
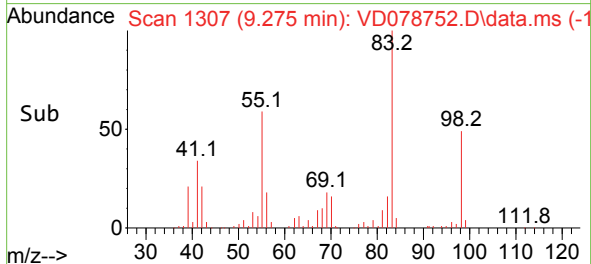
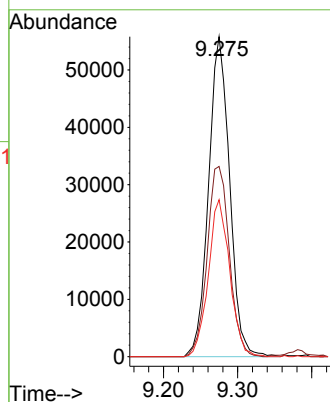
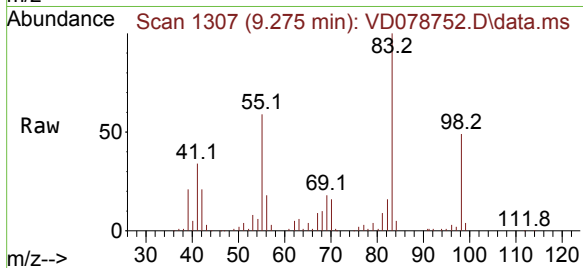
Tgt Ion: 83 Resp: 110222

Ion Ratio Lower Upper

83 100

55 59.4 51.7 77.5

98 49.1 41.4 62.0



#40

Benzene

Concen: 53.674 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078752.D

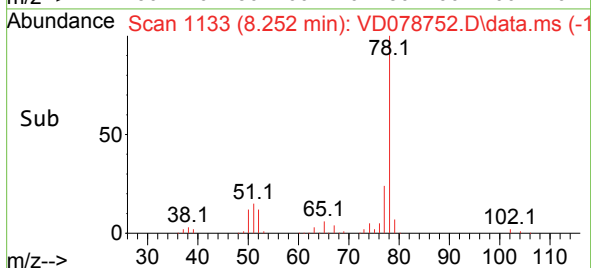
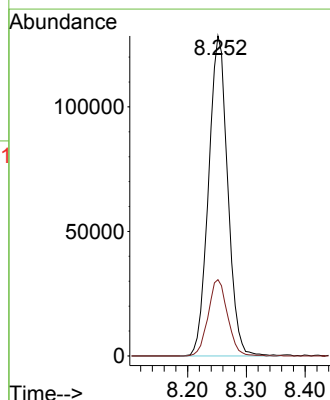
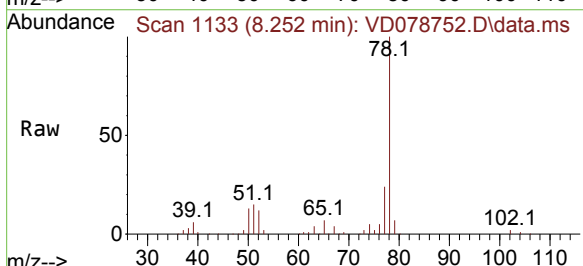
Acq: 27 Mar 2024 14:37

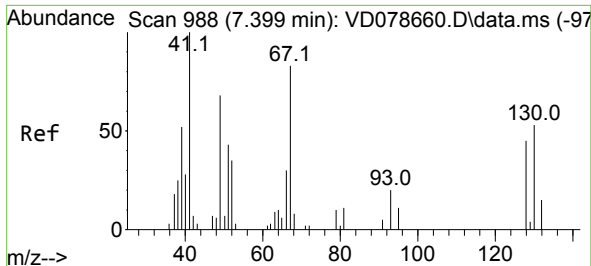
Tgt Ion: 78 Resp: 290277

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

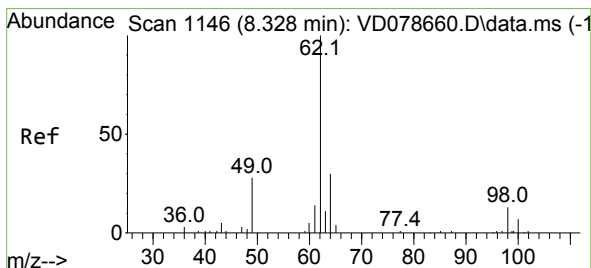
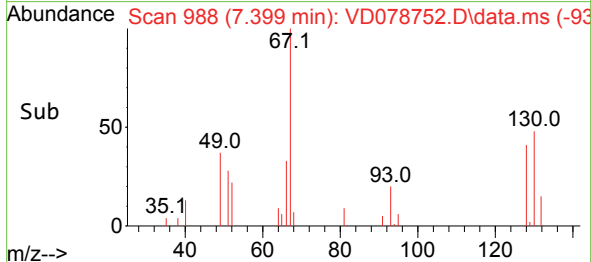
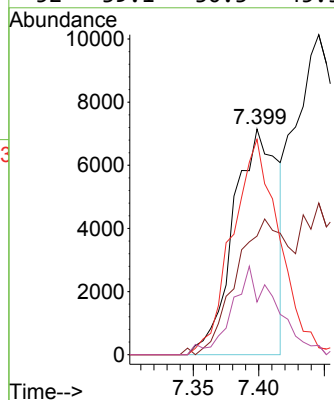
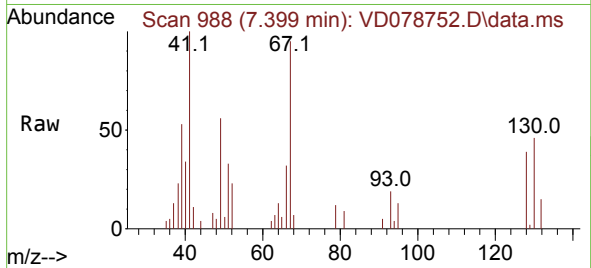




#41
Methacrylonitrile
Concen: 54.984 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

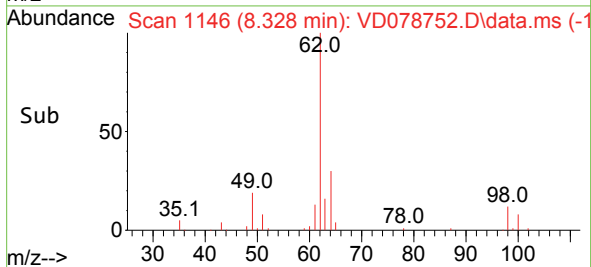
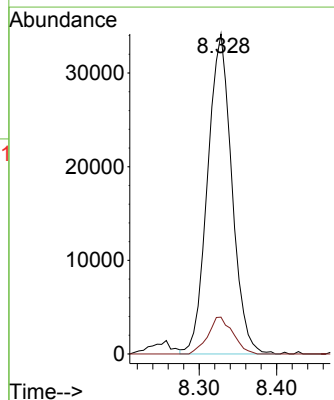
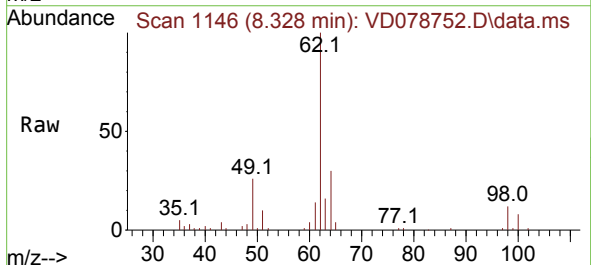
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

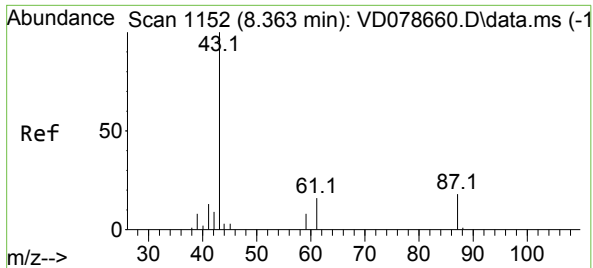
Tgt Ion:	41	Resp:	16841
Ion	Ratio	Lower	Upper
41	100		
39	73.6	39.8	59.6#
67	101.8	83.5	125.3
52	39.1	30.3	45.5



#42
1,2-Dichloroethane
Concen: 56.496 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:	62	Resp:	74512
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	23.8

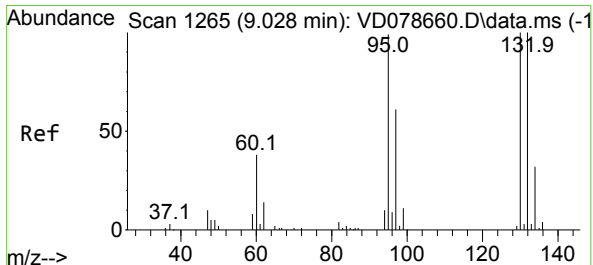
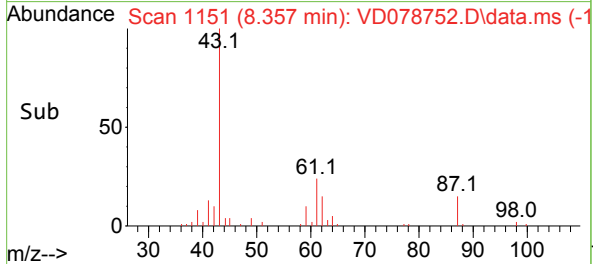
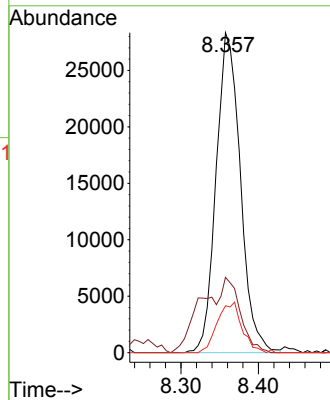
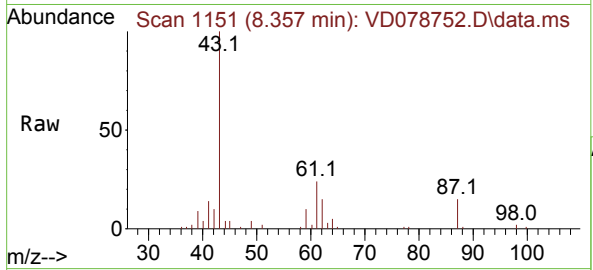




#43
Isopropyl Acetate
Concen: 58.154 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

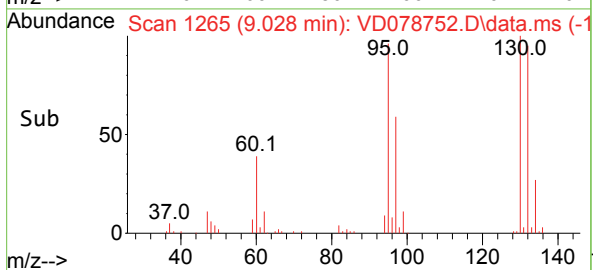
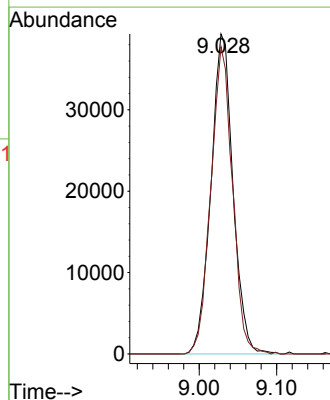
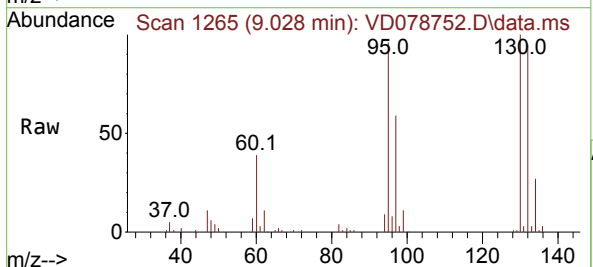
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

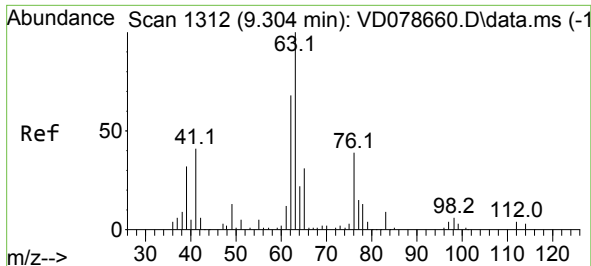
Tgt Ion: 43 Resp: 61813
Ion Ratio Lower Upper
43 100
61 19.1 30.1 45.1#
87 15.9 14.4 21.6



#44
Trichloroethene
Concen: 53.177 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:130 Resp: 78046
Ion Ratio Lower Upper
130 100
95 96.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 55.756 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

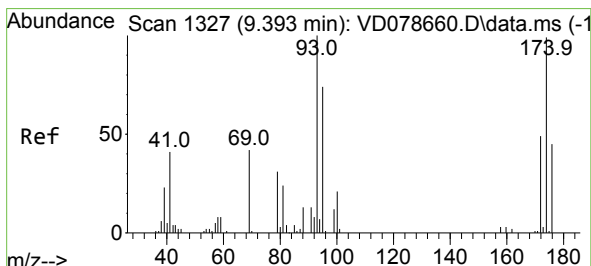
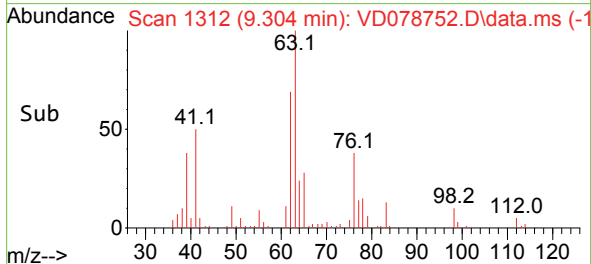
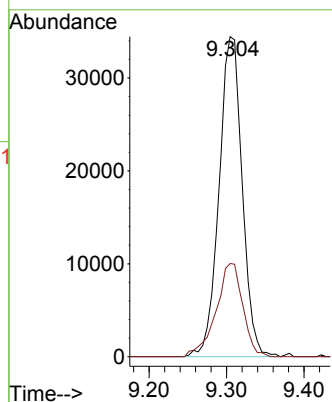
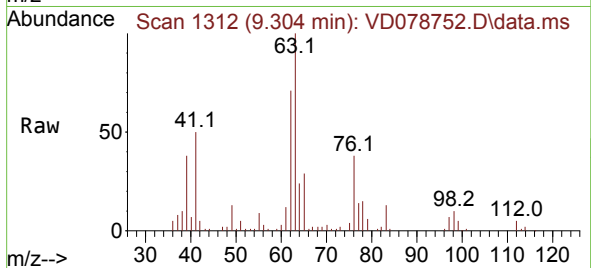
VSTDCCC050

Tgt Ion: 63 Resp: 71530

Ion Ratio Lower Upper

63 100

65 29.1 24.8 37.2



#46

Dibromomethane

Concen: 56.265 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

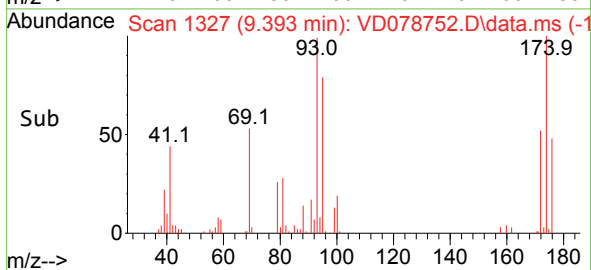
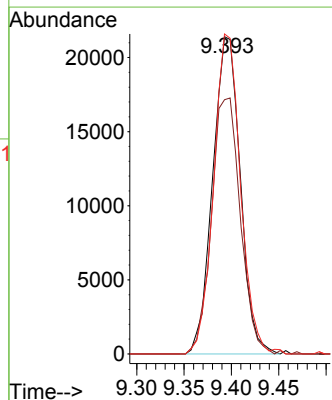
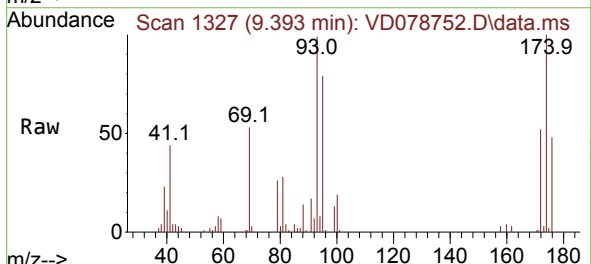
Tgt Ion: 93 Resp: 43270

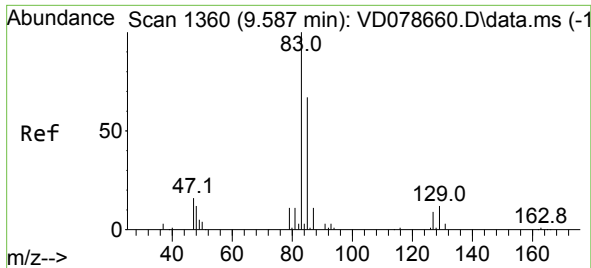
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 98.4 80.9 121.3

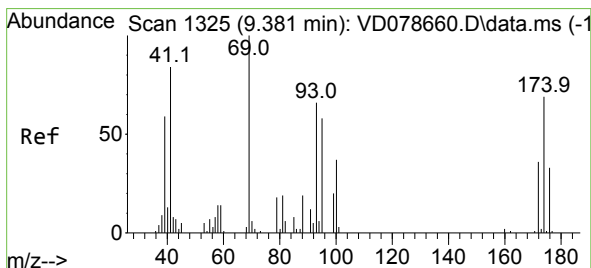
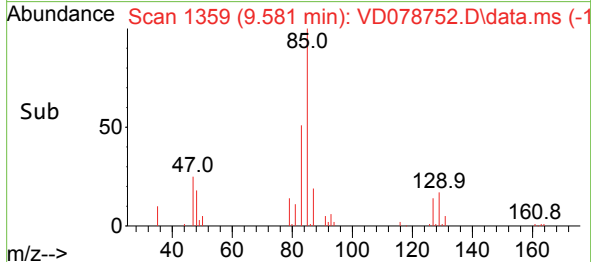
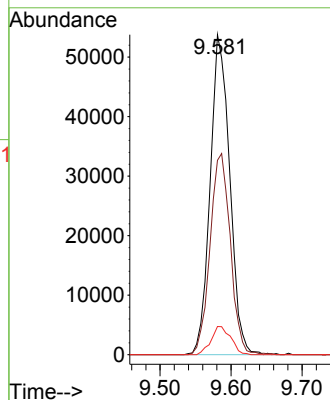
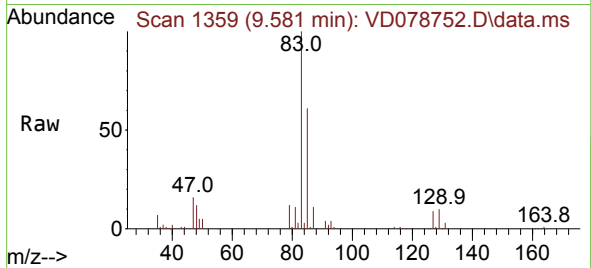




#47
Bromodichloromethane
Concen: 56.163 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

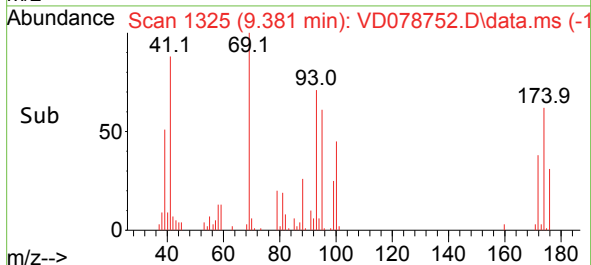
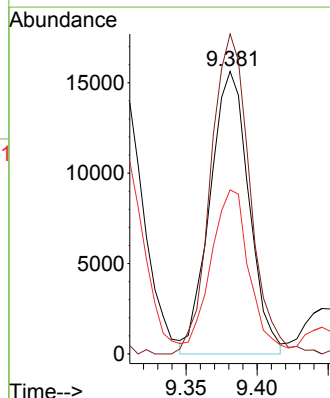
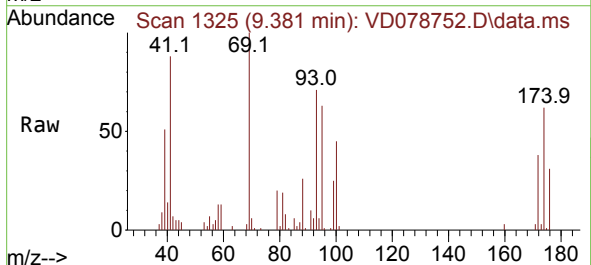
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

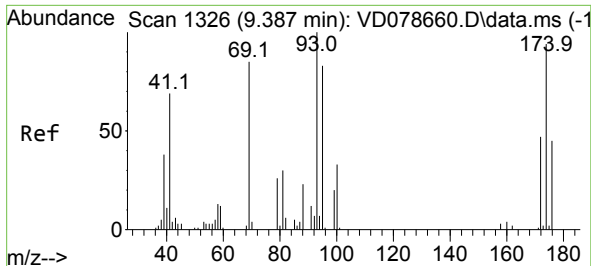
Tgt Ion: 83 Resp: 102823
Ion Ratio Lower Upper
83 100
85 60.7 54.0 81.0
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 57.562 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 41 Resp: 29812
Ion Ratio Lower Upper
41 100
69 114.3 88.3 132.5
39 53.4 46.6 69.8





#49

1,4-Dioxane

Concen: 1292.455 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

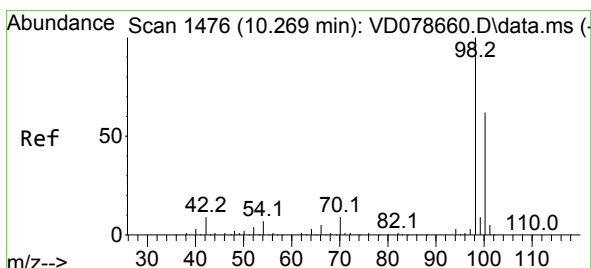
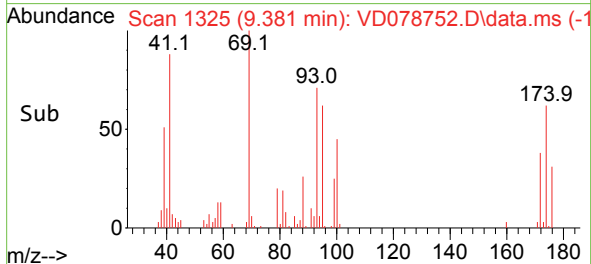
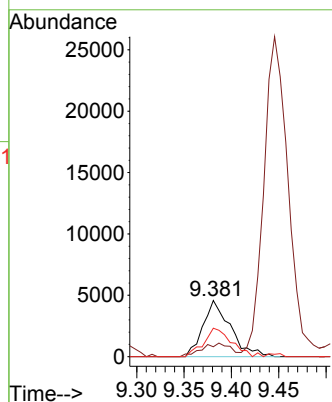
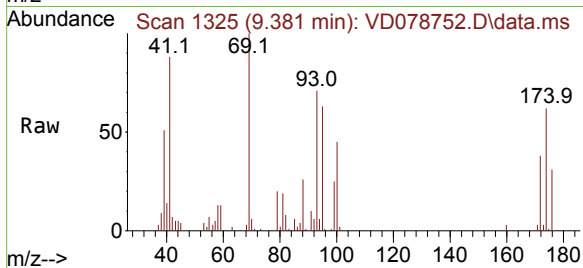
Tgt Ion: 88 Resp: 9203

Ion Ratio Lower Upper

88 100

43 26.0 23.2 34.8

58 51.5 51.0 76.6



#50

Toluene-d8

Concen: 45.602 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078752.D

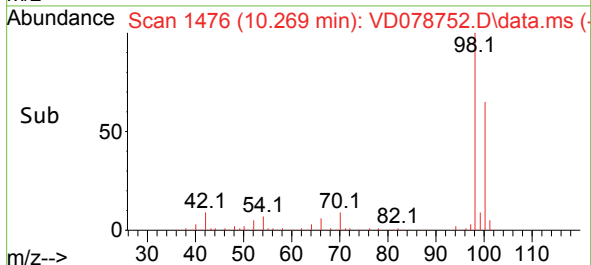
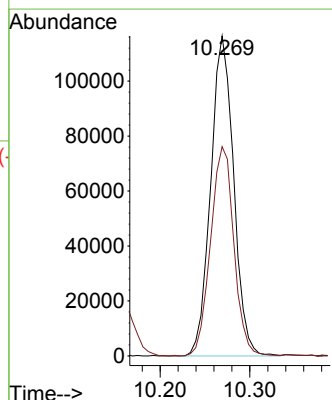
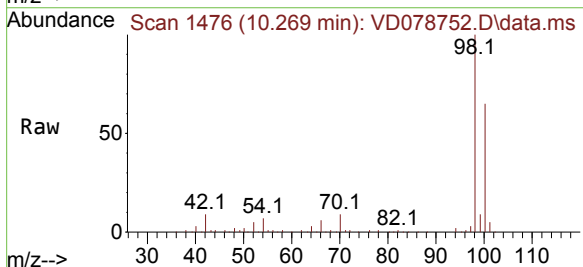
Acq: 27 Mar 2024 14:37

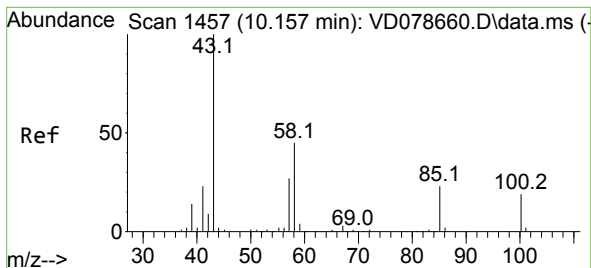
Tgt Ion: 98 Resp: 206798

Ion Ratio Lower Upper

98 100

100 66.4 50.5 75.7

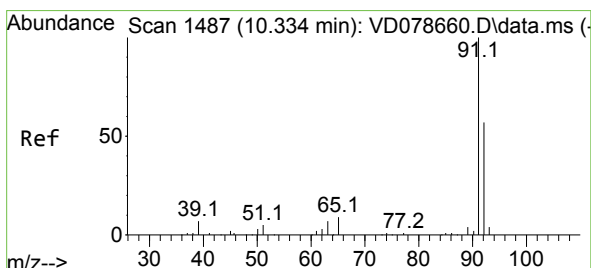
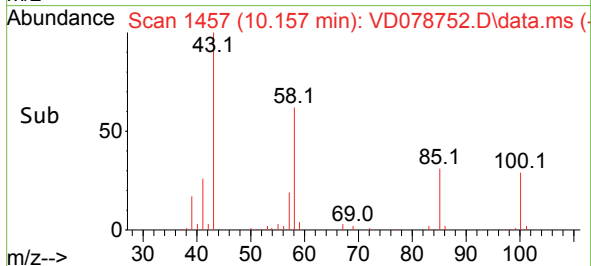
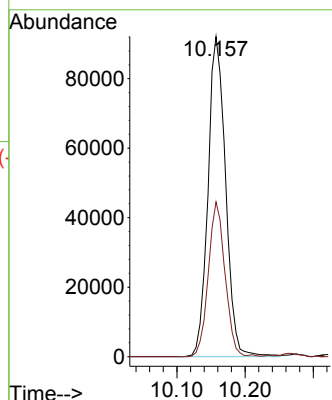
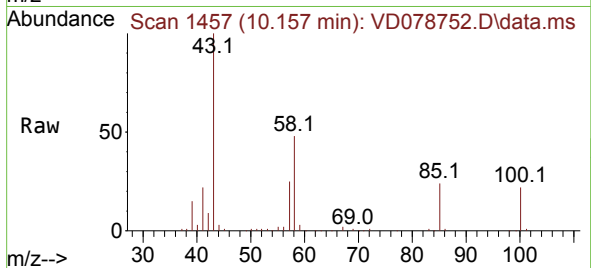




#51
4-Methyl-2-Pentanone
Concen: 298.190 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

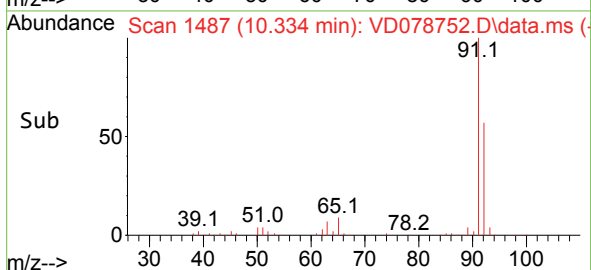
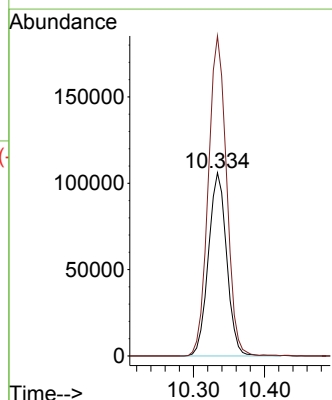
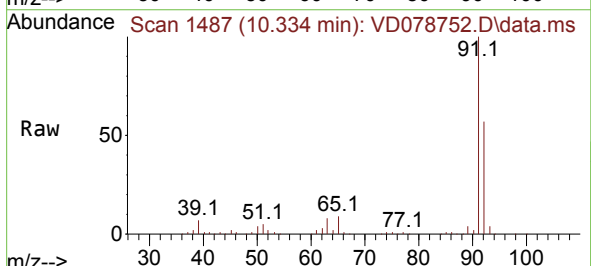
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

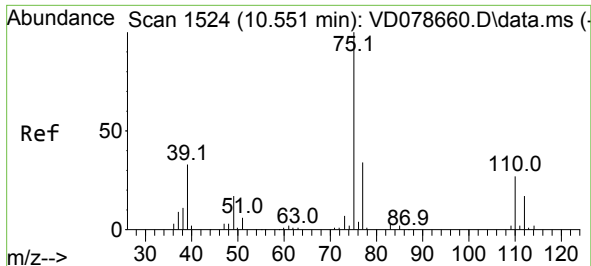
Tgt Ion: 43 Resp: 165700
Ion Ratio Lower Upper
43 100
58 45.9 36.4 54.6



#52
Toluene
Concen: 54.391 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 92 Resp: 189380
Ion Ratio Lower Upper
92 100
91 174.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 56.492 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

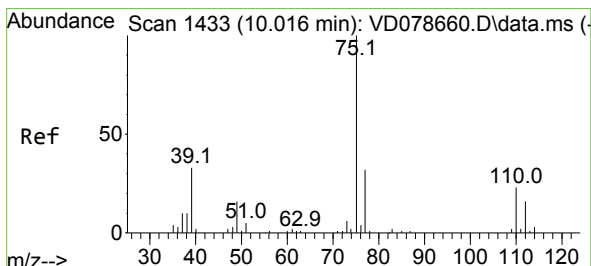
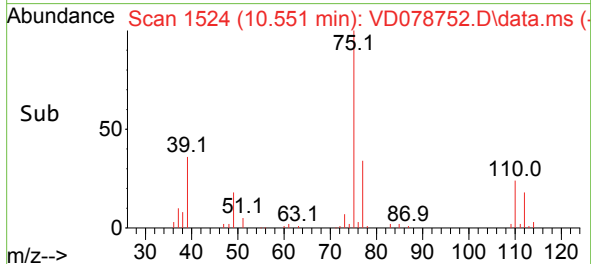
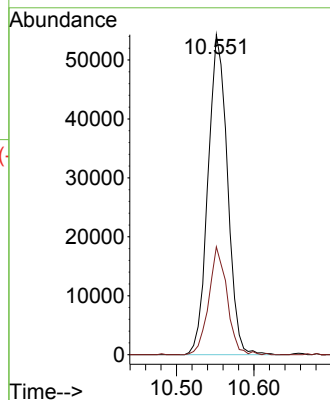
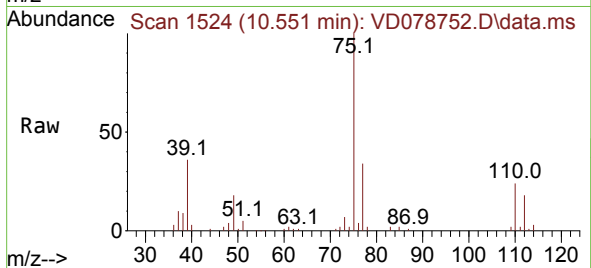
VSTDCCC050

Tgt Ion: 75 Resp: 94562

Ion Ratio Lower Upper

75 100

77 33.7 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 57.618 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

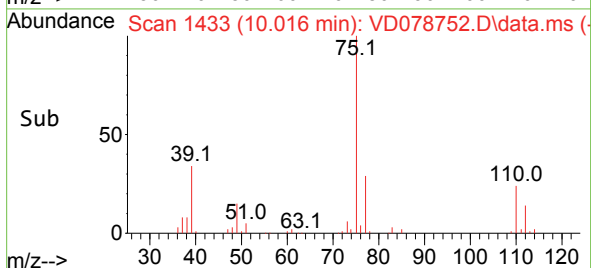
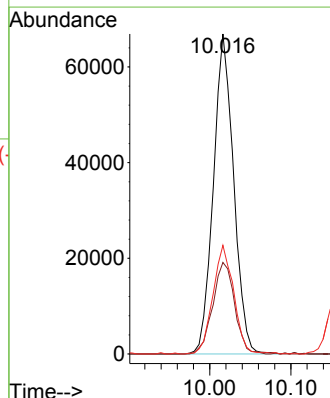
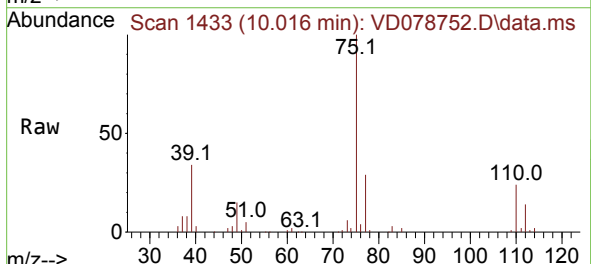
Tgt Ion: 75 Resp: 115944

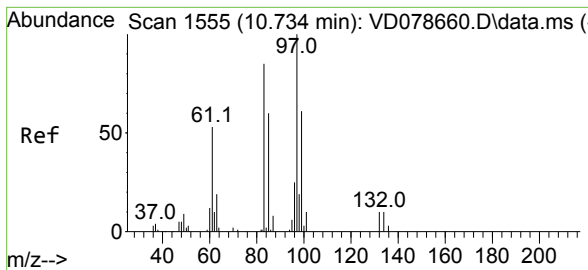
Ion Ratio Lower Upper

75 100

77 28.6 25.4 38.0

39 34.0 26.7 40.1

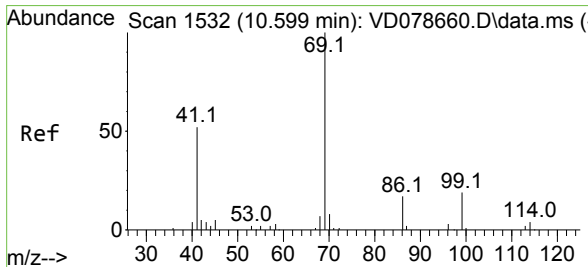
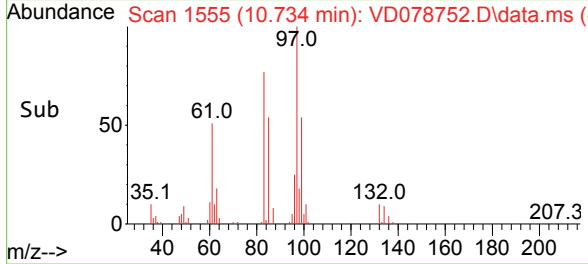
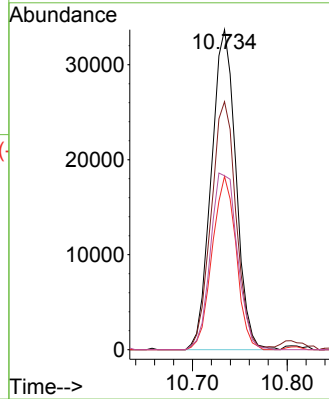
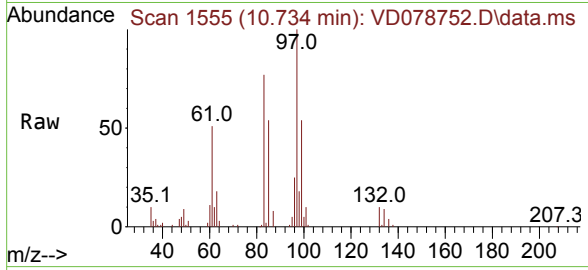




#55
 1,1,2-Trichloroethane
 Concen: 59.061 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078752.D
 Acq: 27 Mar 2024 14:37

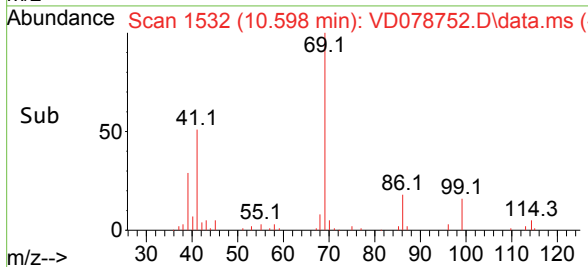
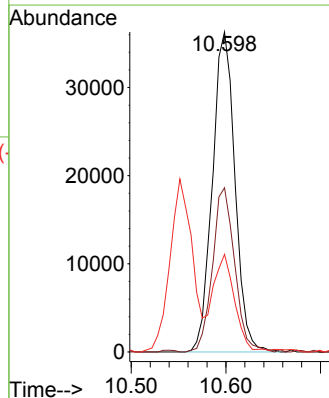
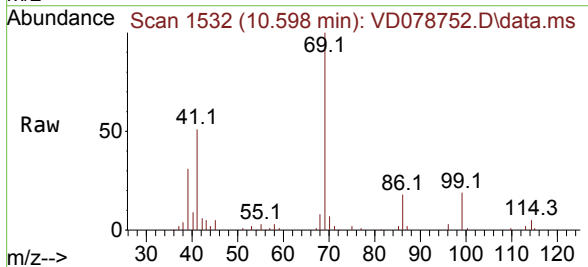
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

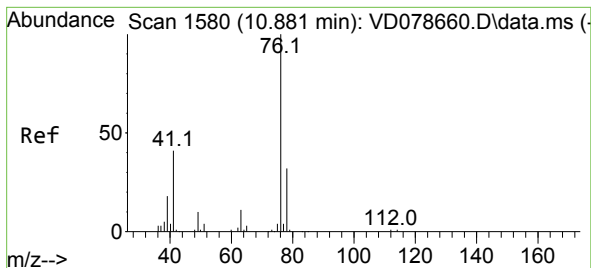
Tgt Ion:	97	Resp:	60824
Ion	Ratio	Lower	Upper
97	100		
83	77.5	68.1	102.1
85	54.1	48.2	72.2
99	54.4	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 58.192 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD078752.D
 Acq: 27 Mar 2024 14:37

Tgt Ion:	69	Resp:	60078
Ion	Ratio	Lower	Upper
69	100		
41	50.4	40.9	61.3
39	29.0	25.5	38.3





#57

1,3-Dichloropropane

Concen: 57.061 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

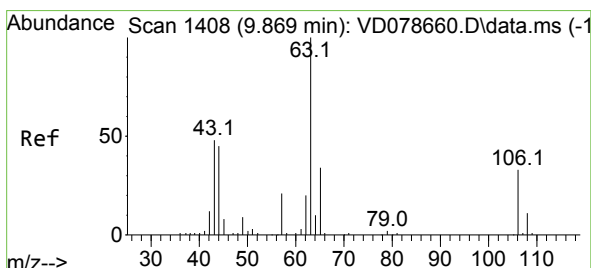
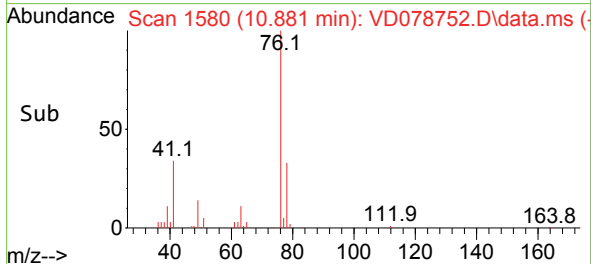
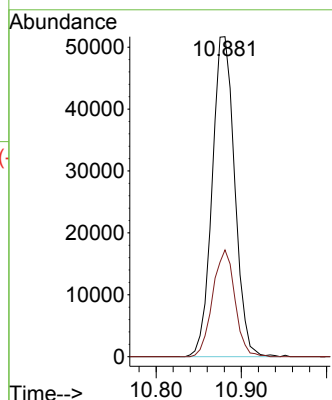
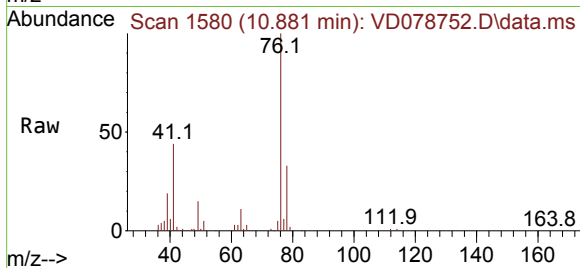
VSTDCCC050

Tgt Ion: 76 Resp: 94820

Ion Ratio Lower Upper

76 100

78 33.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 325.007 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078752.D

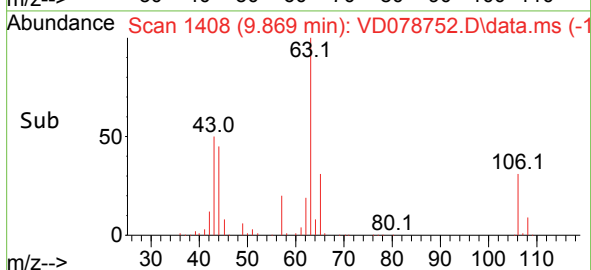
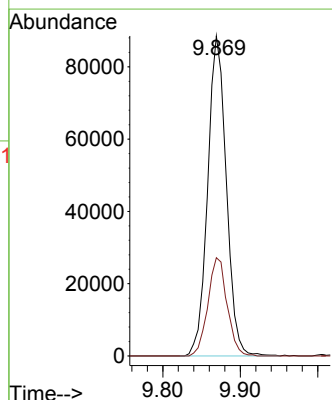
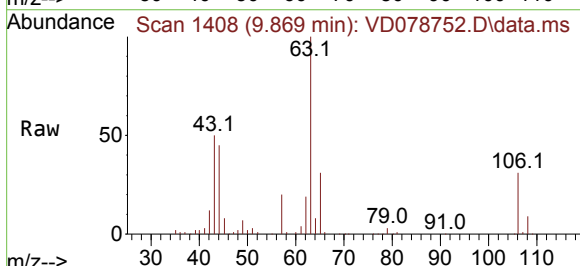
Acq: 27 Mar 2024 14:37

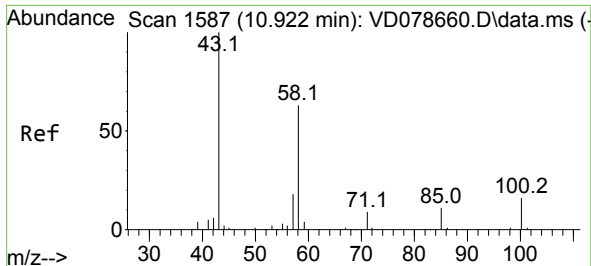
Tgt Ion: 63 Resp: 147952

Ion Ratio Lower Upper

63 100

106 31.6 25.2 37.8

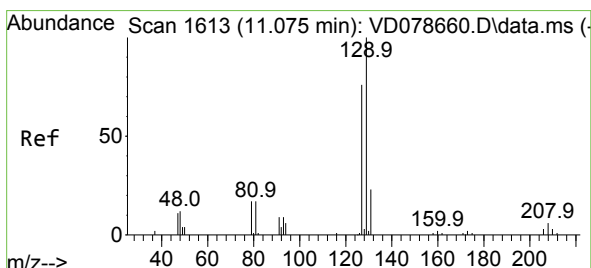
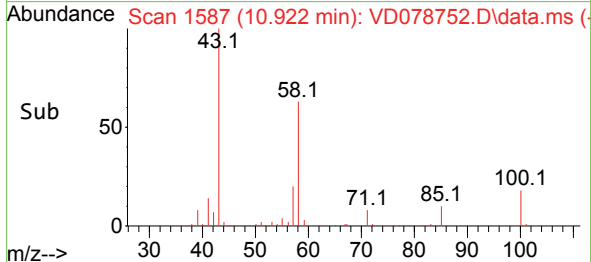
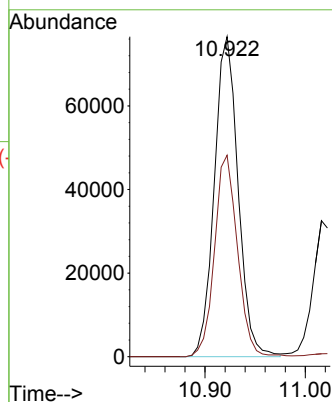
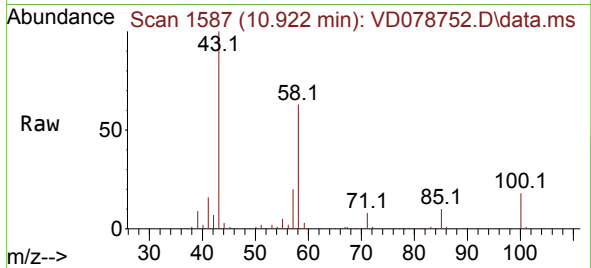




#59
2-Hexanone
Concen: 306.454 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

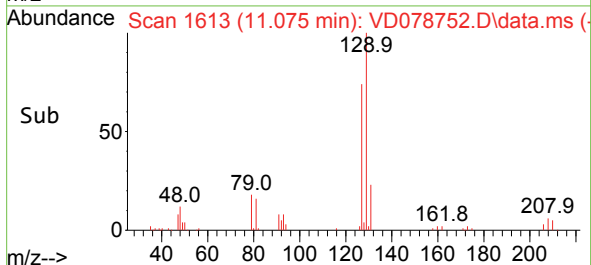
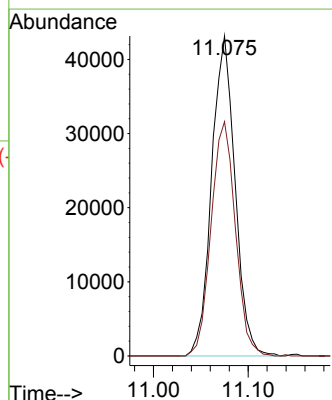
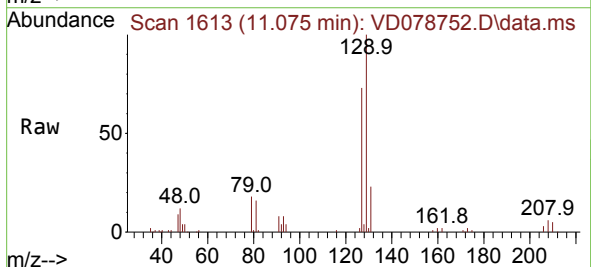
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

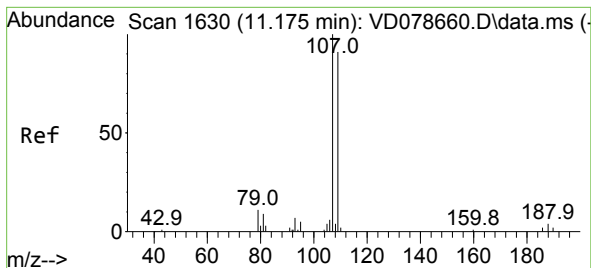
Tgt Ion: 43 Resp: 126239
Ion Ratio Lower Upper
43 100
58 60.8 31.5 94.5



#60
Dibromochloromethane
Concen: 58.465 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:129 Resp: 74252
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 57.692 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

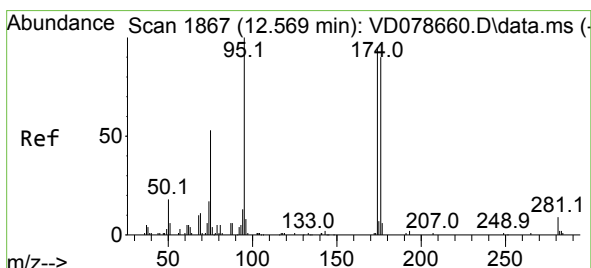
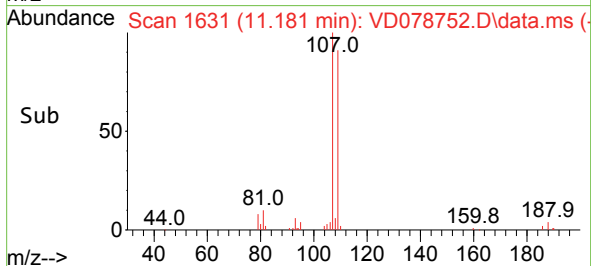
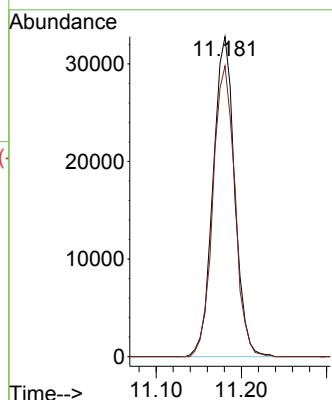
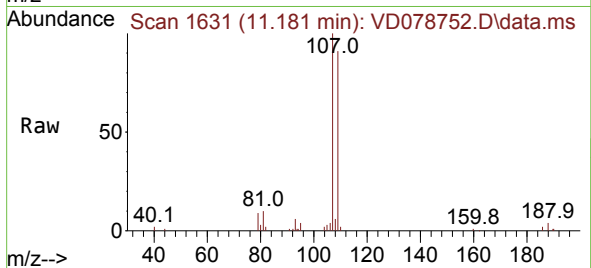
VSTDCCC050

Tgt Ion:107 Resp: 57498

Ion Ratio Lower Upper

107 100

109 92.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 50.188 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

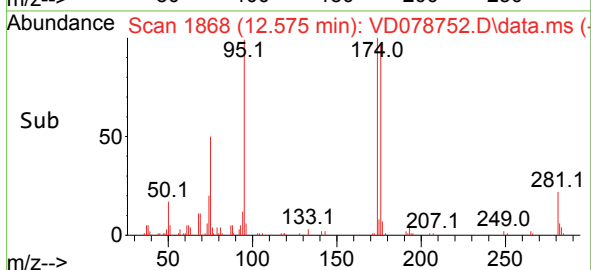
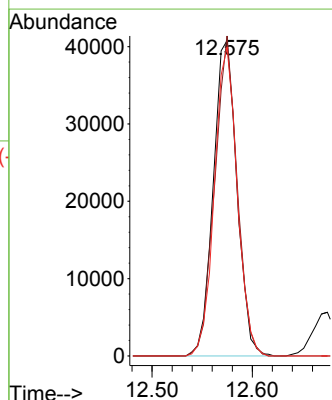
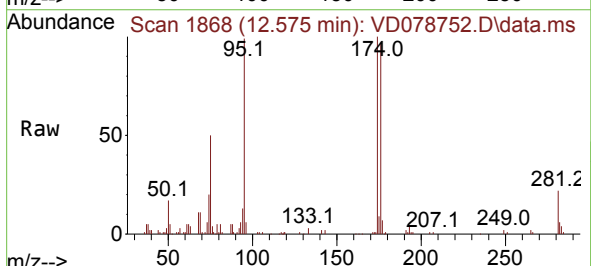
Tgt Ion: 95 Resp: 66583

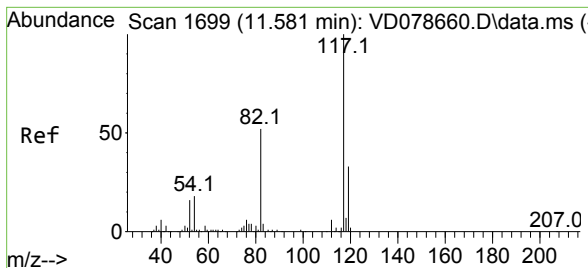
Ion Ratio Lower Upper

95 100

174 96.5 0.0 195.2

176 95.0 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

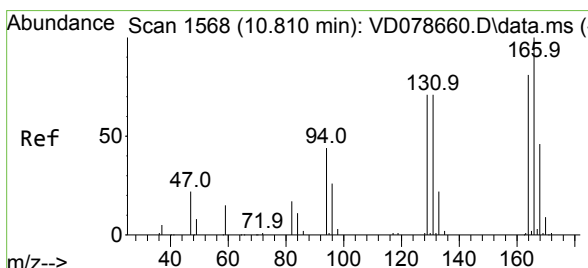
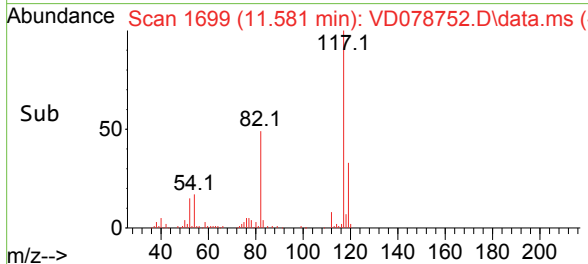
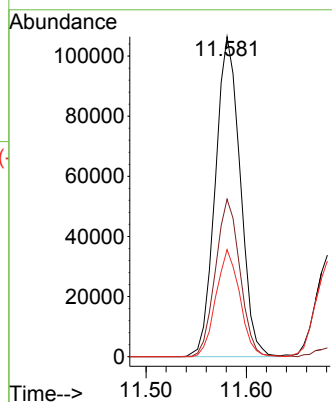
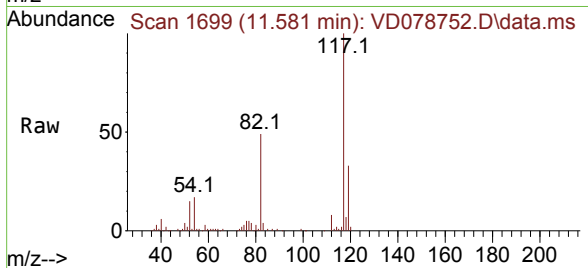
Tgt Ion:117 Resp: 183028

Ion Ratio Lower Upper

117 100

82 49.2 41.4 62.2

119 33.4 26.5 39.7



#64

Tetrachloroethene

Concen: 54.643 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Tgt Ion:164 Resp: 66184

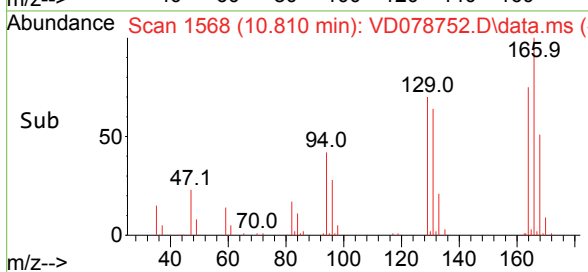
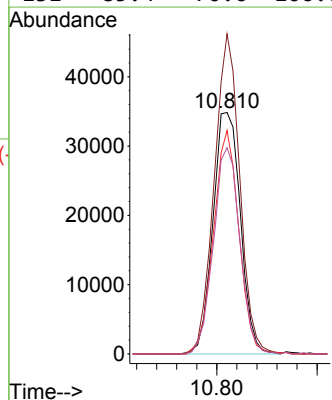
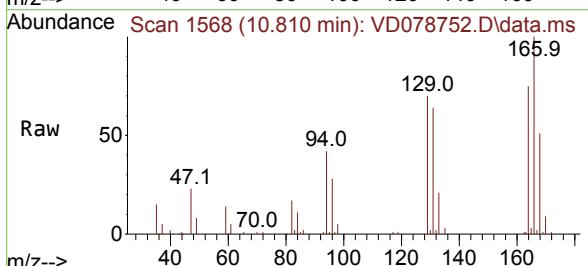
Ion Ratio Lower Upper

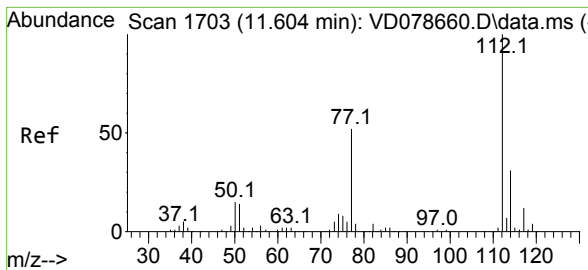
164 100

166 132.5 98.9 148.3

129 92.5 70.3 105.5

131 85.4 70.6 106.0

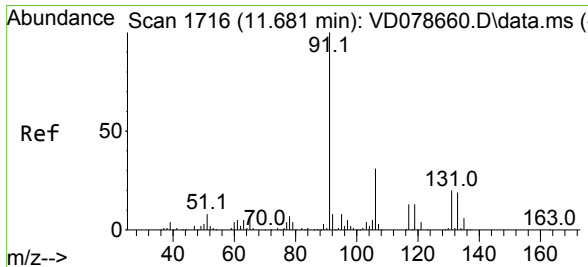
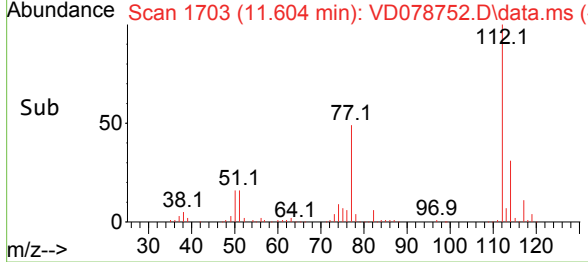
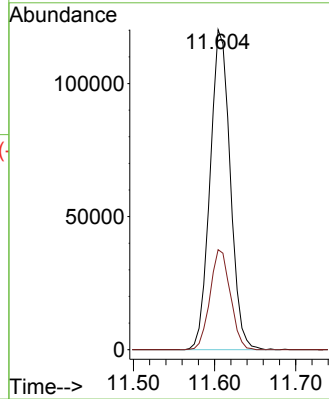
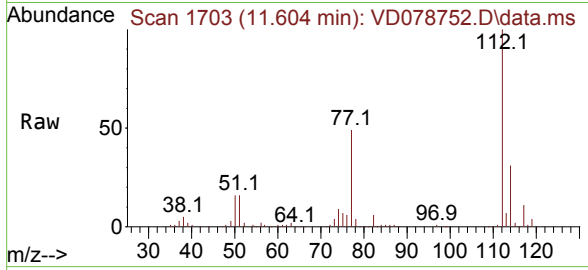




#65
Chlorobenzene
Concen: 54.231 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

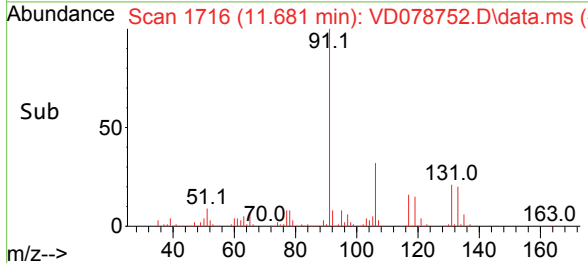
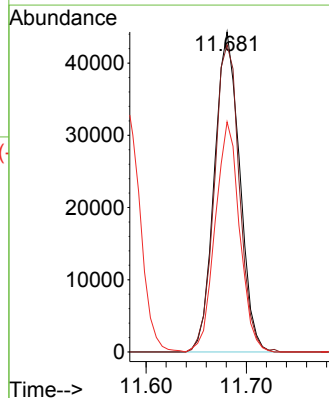
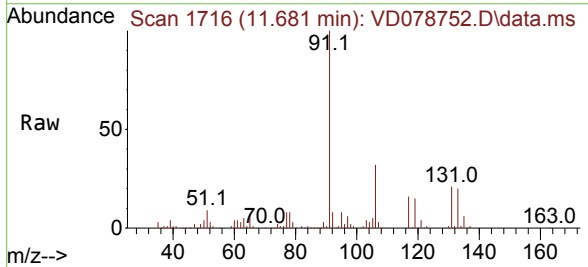
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

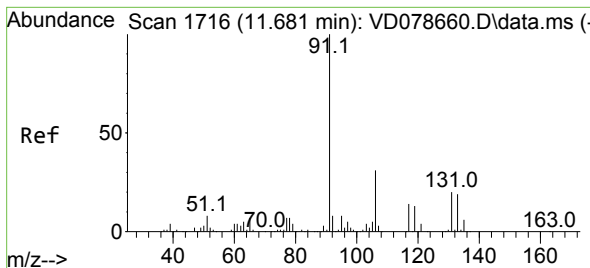
Tgt Ion:112 Resp: 207417
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.417 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:131 Resp: 77623
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 69.6 34.1 102.3





#67

Ethyl Benzene

Concen: 55.021 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

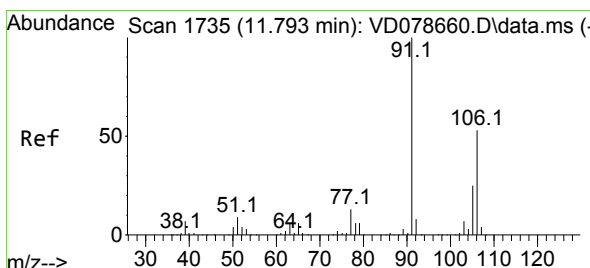
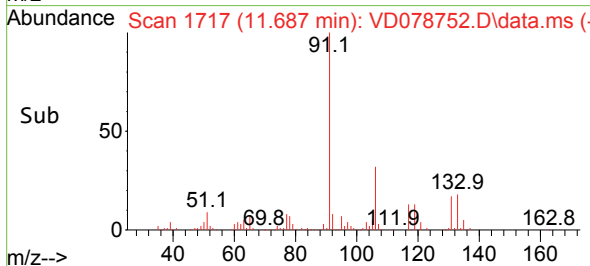
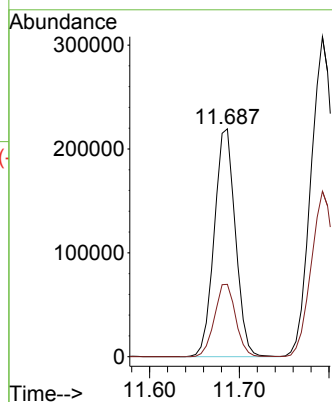
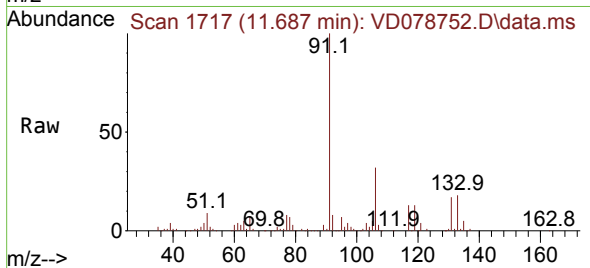
VSTDCCC050

Tgt Ion: 91 Resp: 358602

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 109.771 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078752.D

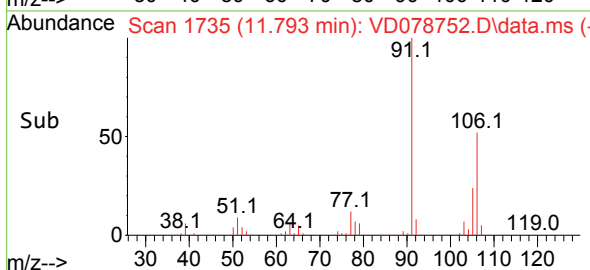
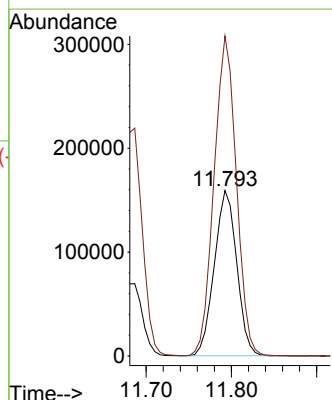
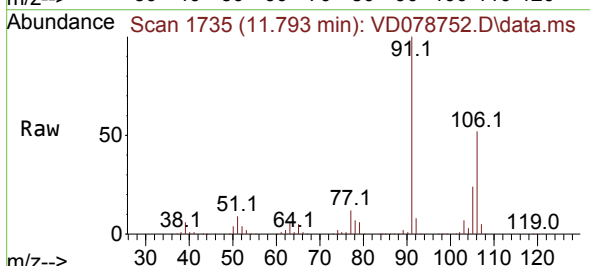
Acq: 27 Mar 2024 14:37

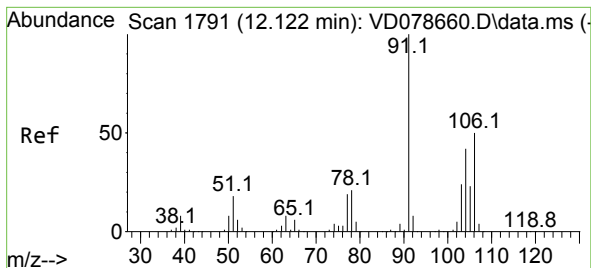
Tgt Ion: 106 Resp: 290519

Ion Ratio Lower Upper

106 100

91 193.2 154.4 231.6





#69

o-Xylene

Concen: 55.696 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

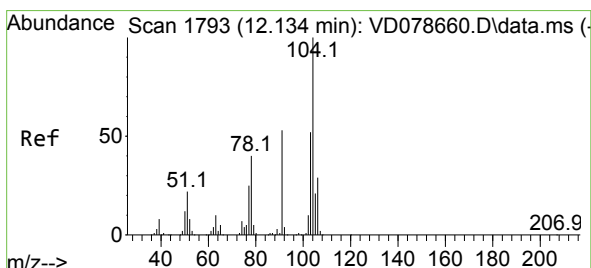
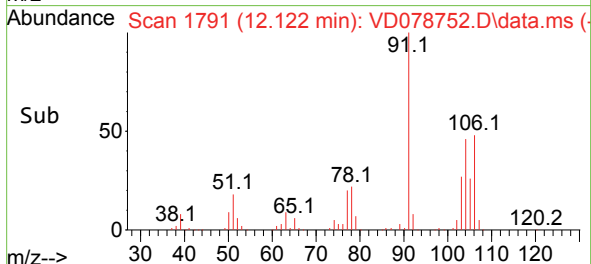
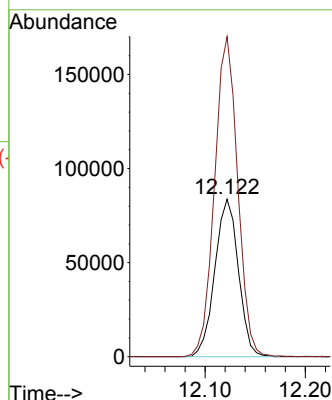
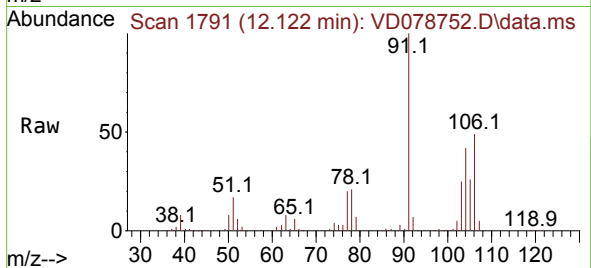
VSTDCCC050

Tgt Ion:106 Resp: 136384

Ion Ratio Lower Upper

106 100

91 199.7 99.6 298.7



#70

Styrene

Concen: 58.591 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

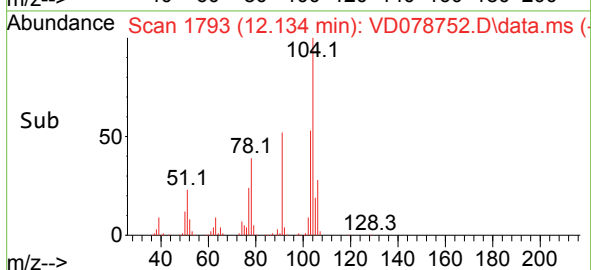
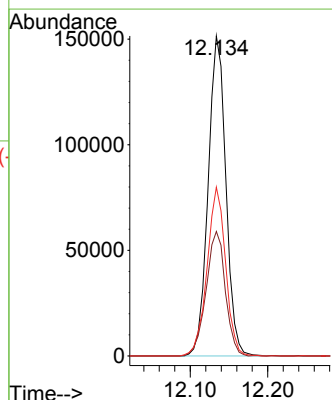
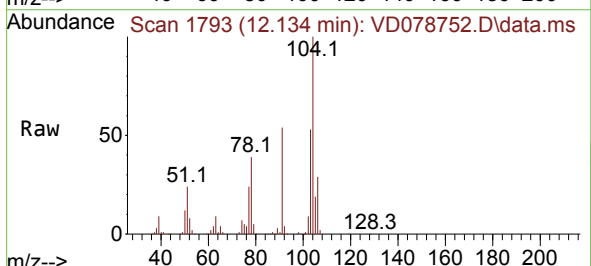
Tgt Ion:104 Resp: 240812

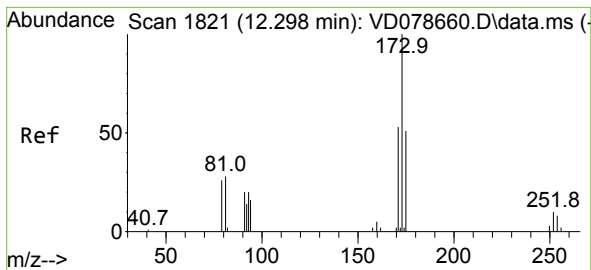
Ion Ratio Lower Upper

104 100

78 42.3 34.6 52.0

103 55.3 44.2 66.2

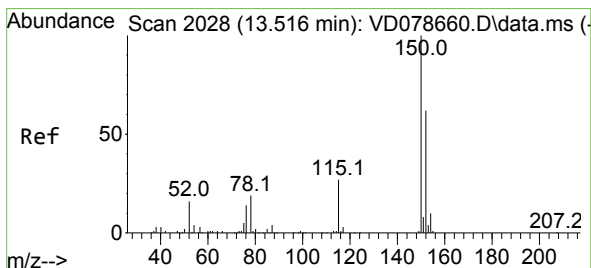
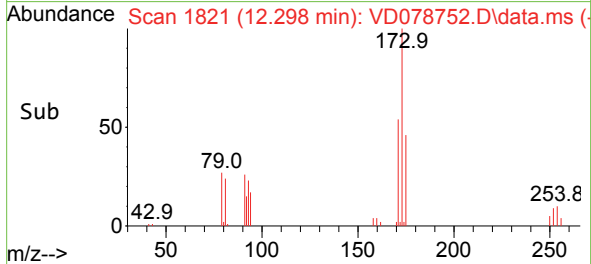
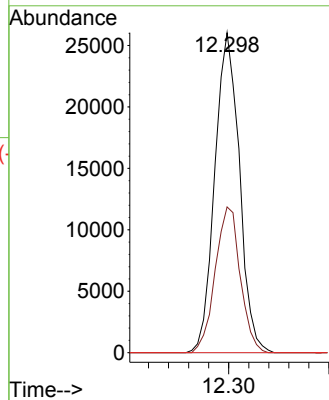
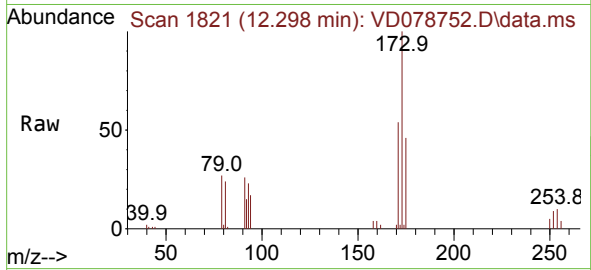




#71
Bromoform
Concen: 58.596 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

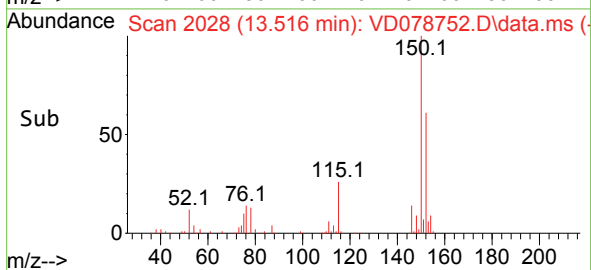
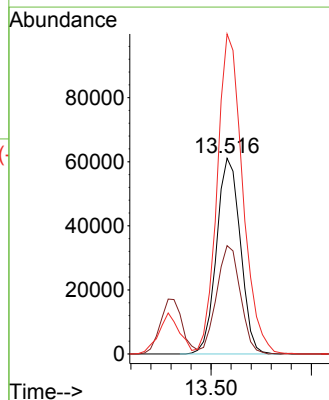
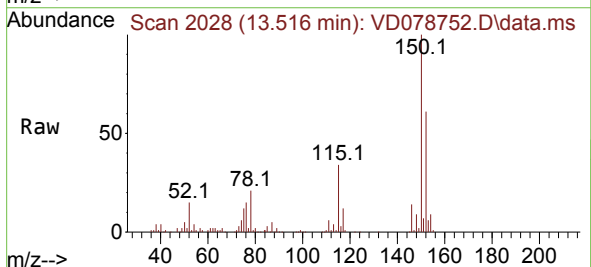
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

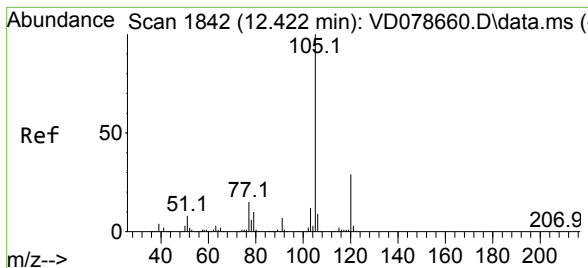
Tgt Ion:173 Resp: 44356
Ion Ratio Lower Upper
173 100
175 46.3 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:152 Resp: 100949
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.2
150 174.8 0.0 350.2





#73

Isopropylbenzene

Concen: 51.964 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

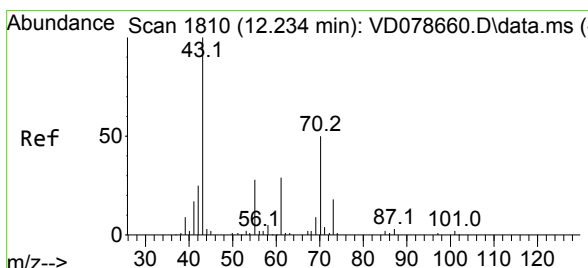
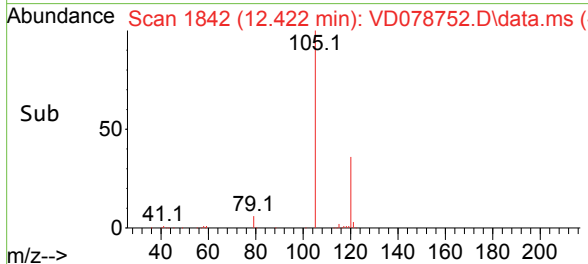
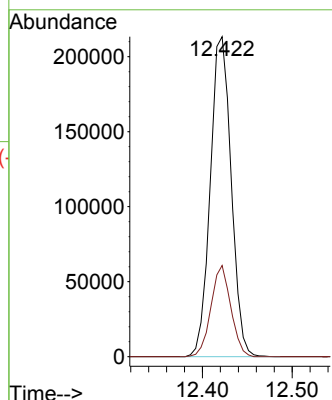
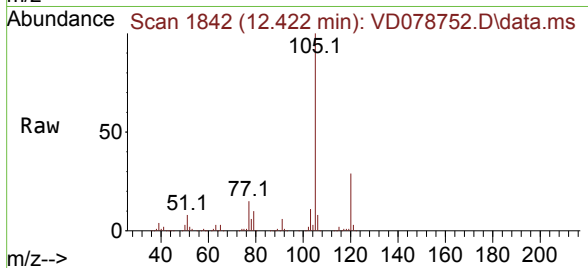
VSTDCCC050

Tgt Ion:105 Resp: 345380

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.0



#74

N-ethyl acetate

Concen: 54.321 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Tgt Ion: 43 Resp: 58619

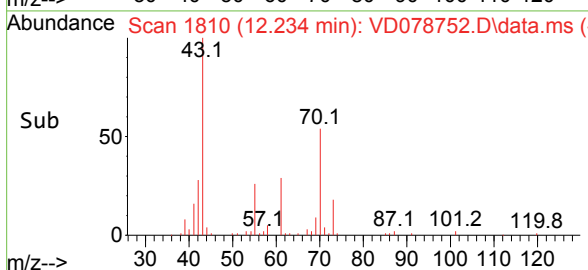
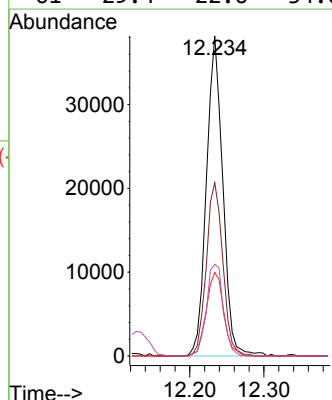
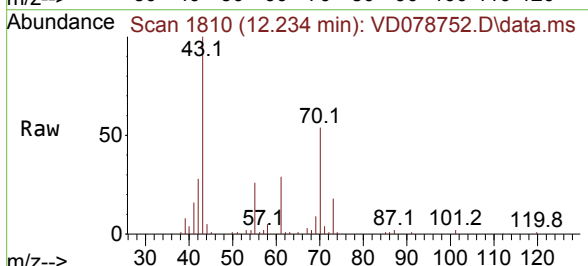
Ion Ratio Lower Upper

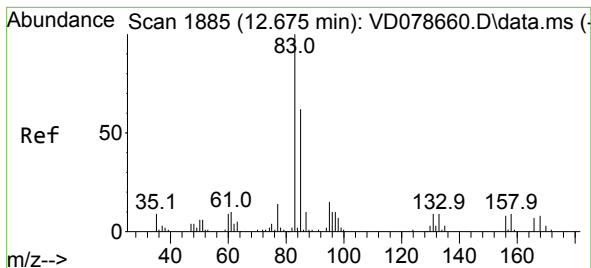
43 100

70 54.6 42.1 63.1

55 27.9 22.6 33.8

61 29.4 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.907 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

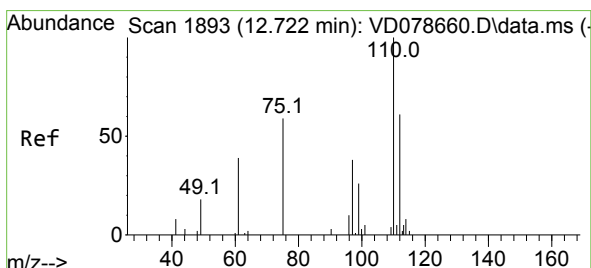
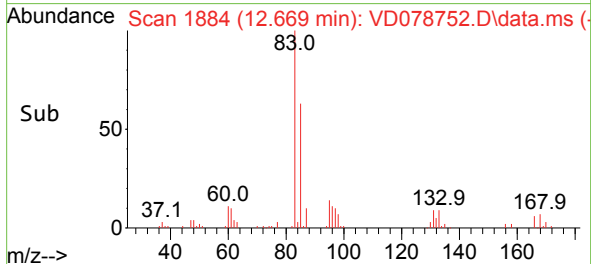
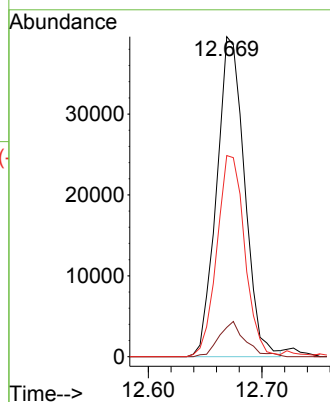
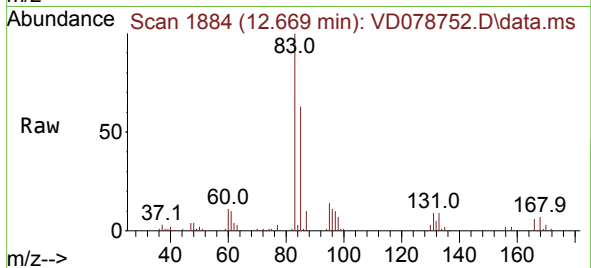
Tgt Ion: 83 Resp: 67558

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 62.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 99.901 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078752.D

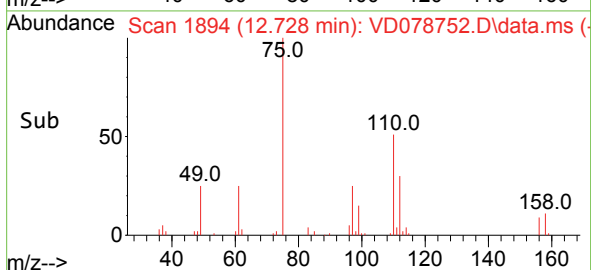
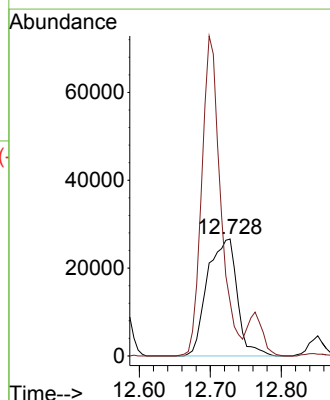
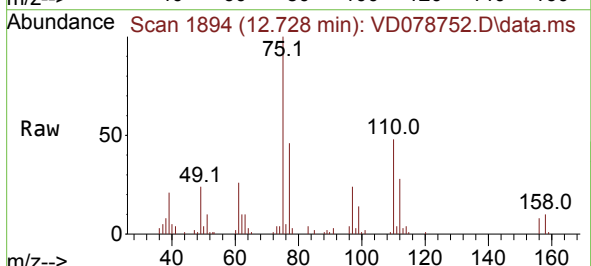
Acq: 27 Mar 2024 14:37

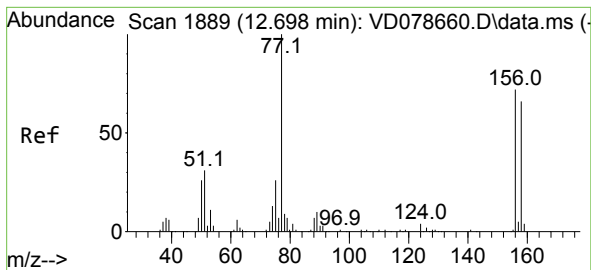
Tgt Ion: 75 Resp: 77698

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.696 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

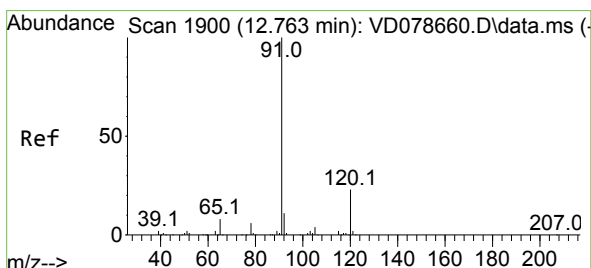
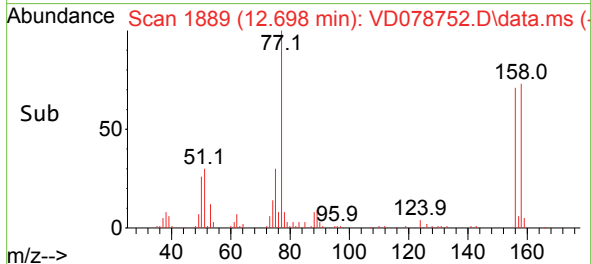
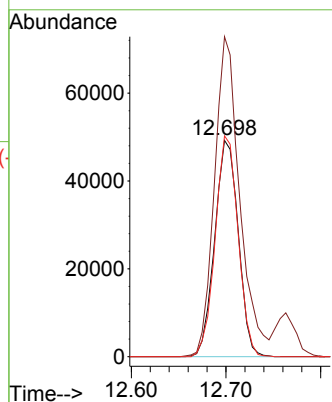
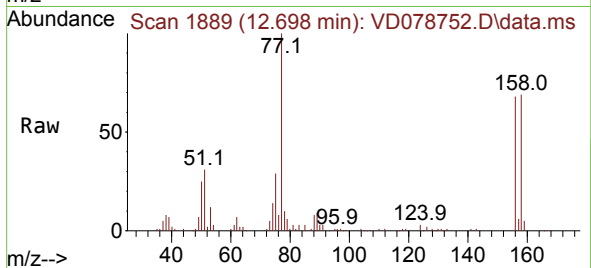
Tgt Ion:156 Resp: 85211

Ion Ratio Lower Upper

156 100

77 158.9 79.1 237.3

158 99.0 47.0 141.0



#78

n-propylbenzene

Concen: 53.175 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078752.D

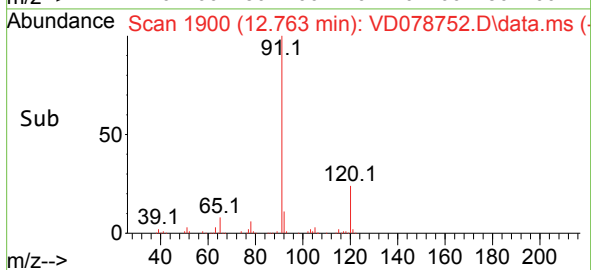
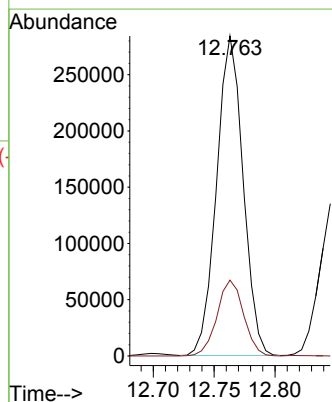
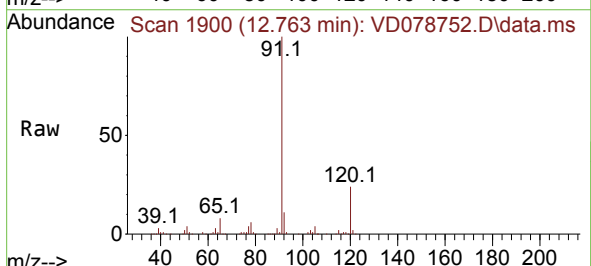
Acq: 27 Mar 2024 14:37

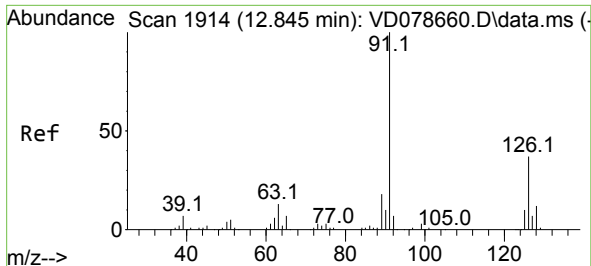
Tgt Ion: 91 Resp: 430209

Ion Ratio Lower Upper

91 100

120 23.7 11.7 35.1

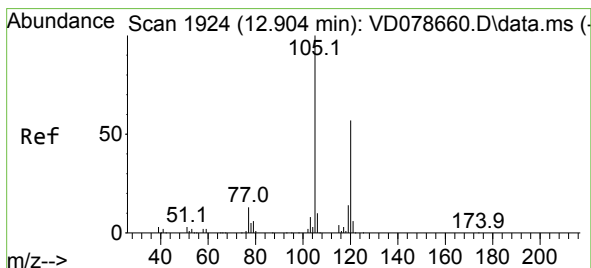
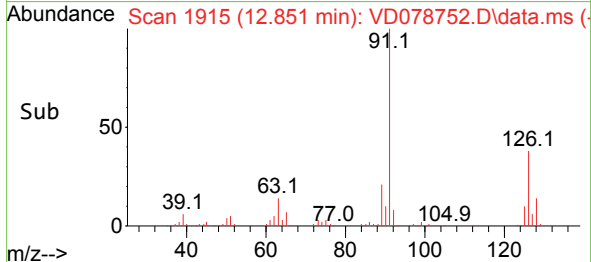
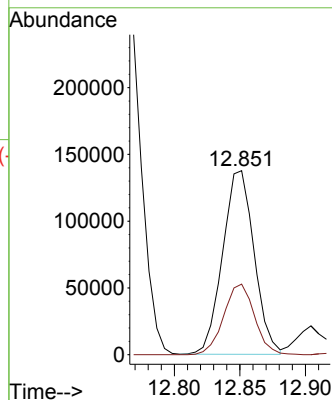
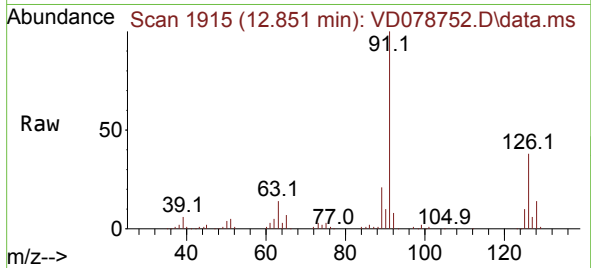




#79
2-Chlorotoluene
Concen: 51.854 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

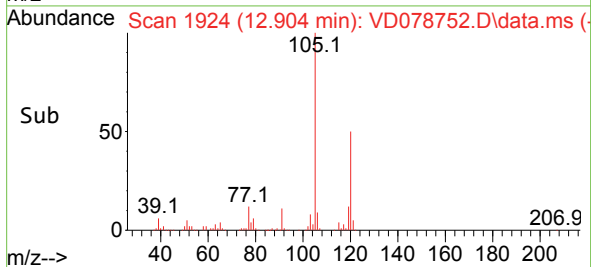
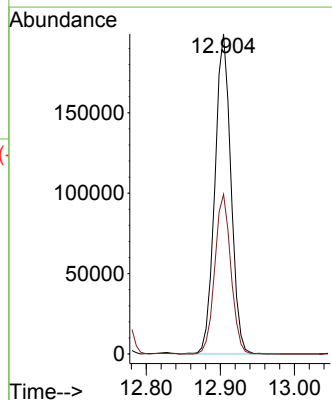
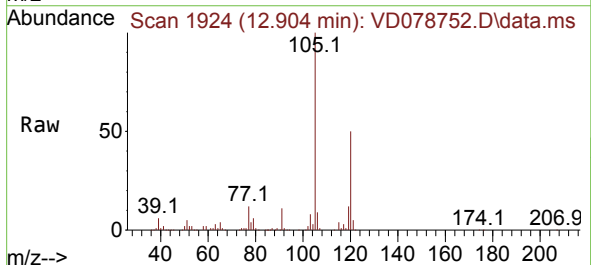
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

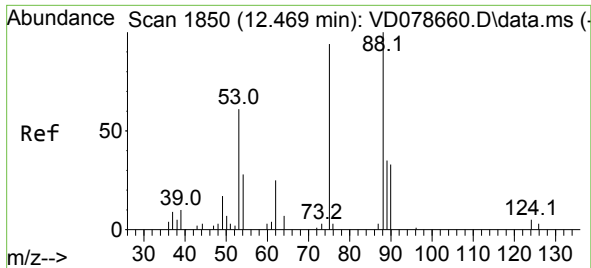
Tgt Ion: 91 Resp: 230141
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.348 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 105 Resp: 298716
Ion Ratio Lower Upper
105 100
120 50.0 25.9 77.7

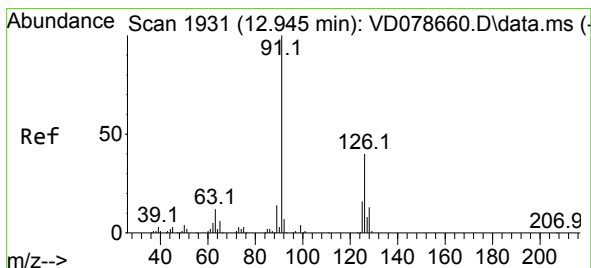
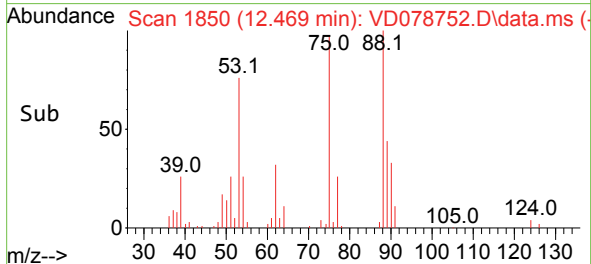
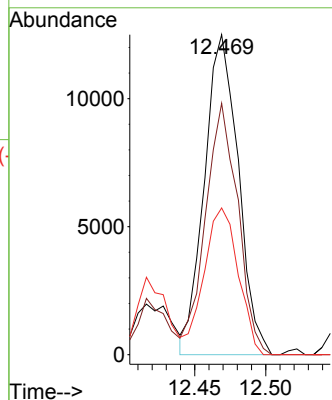
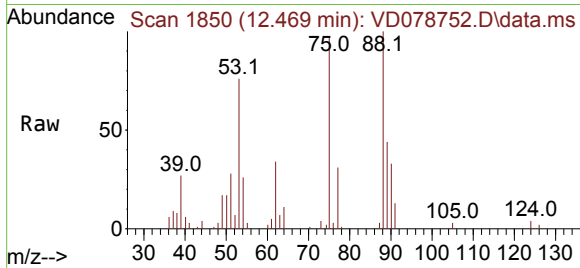




#81
trans-1,4-Dichloro-2-butene
Concen: 55.854 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

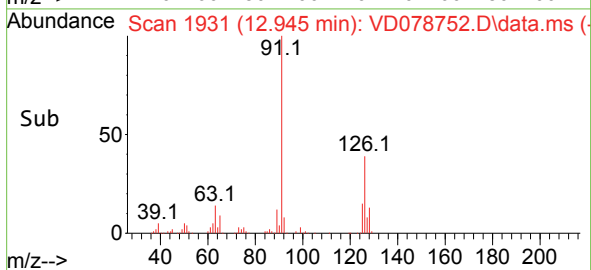
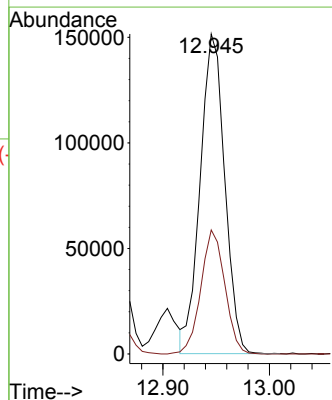
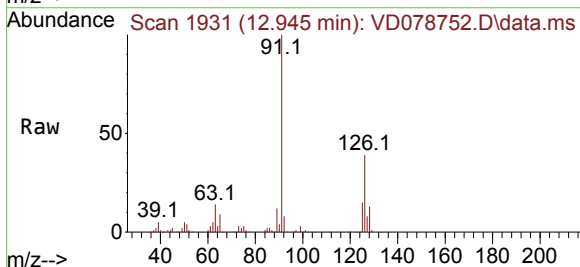
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

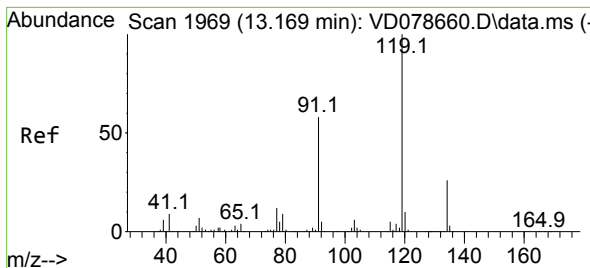
Tgt Ion:	75	Resp:	20724
Ion	Ratio	Lower	Upper
75	100		
53	75.1	61.0	91.6
89	46.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 51.589 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:	91	Resp:	242179
Ion	Ratio	Lower	Upper
91	100		
126	38.0	18.9	56.5





#83

tert-Butylbenzene

Concen: 53.740 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

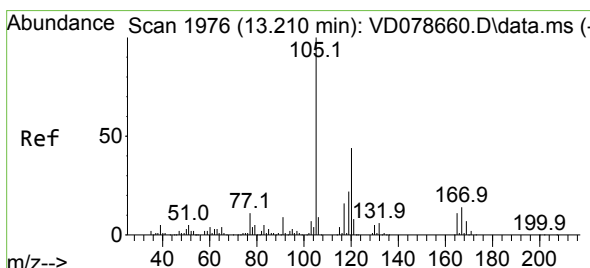
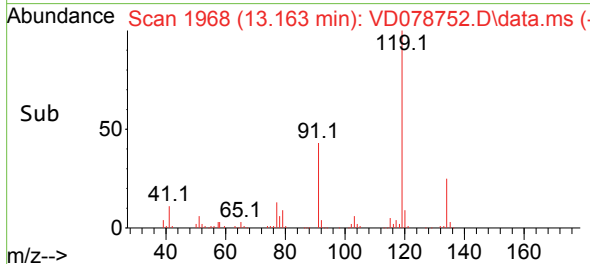
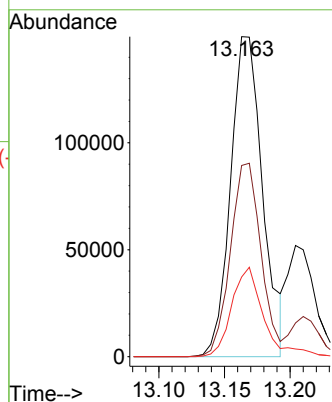
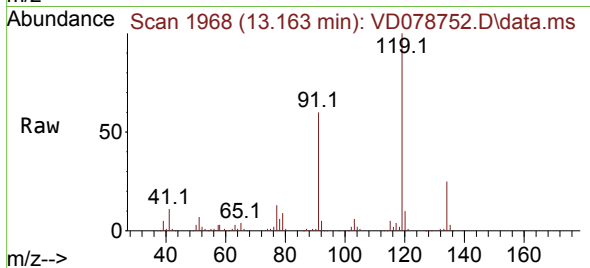
Tgt Ion:119 Resp: 254688

Ion Ratio Lower Upper

119 100

91 57.8 28.9 86.7

134 27.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 54.372 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078752.D

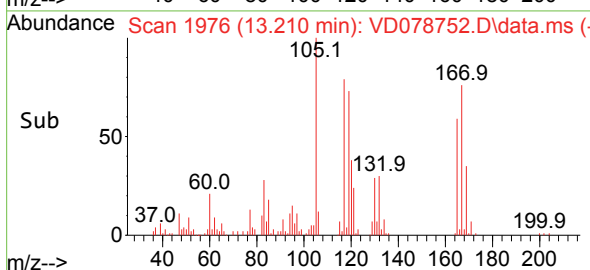
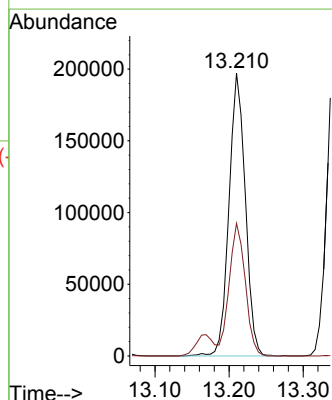
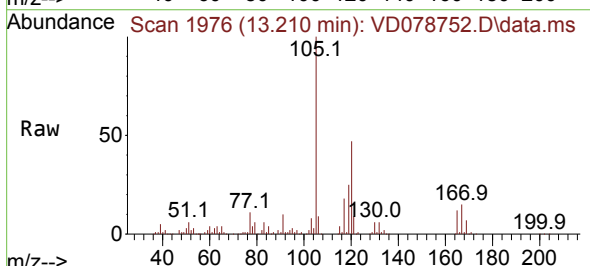
Acq: 27 Mar 2024 14:37

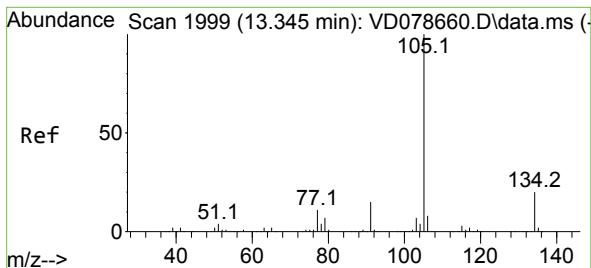
Tgt Ion:105 Resp: 301164

Ion Ratio Lower Upper

105 100

120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.197 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

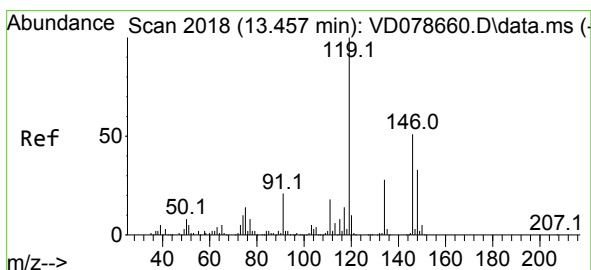
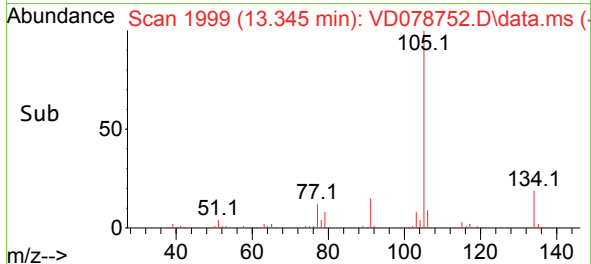
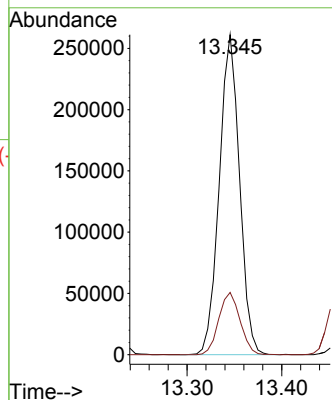
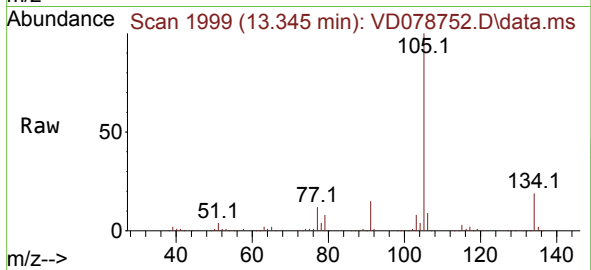
VSTDCCC050

Tgt Ion:105 Resp: 388698

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 54.454 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

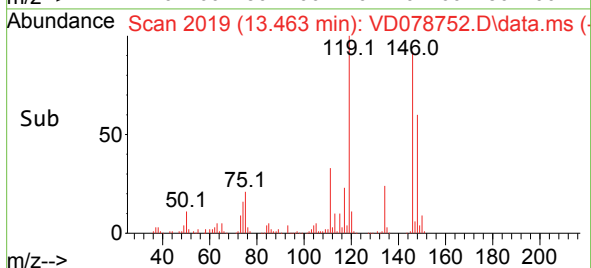
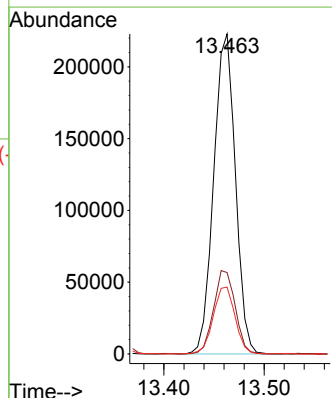
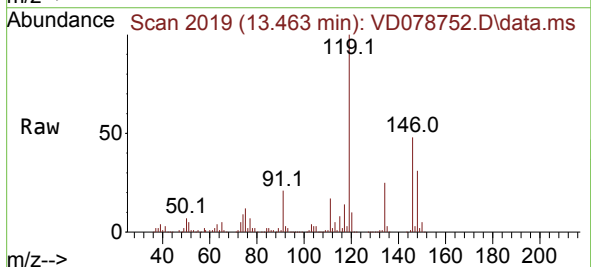
Tgt Ion:119 Resp: 334332

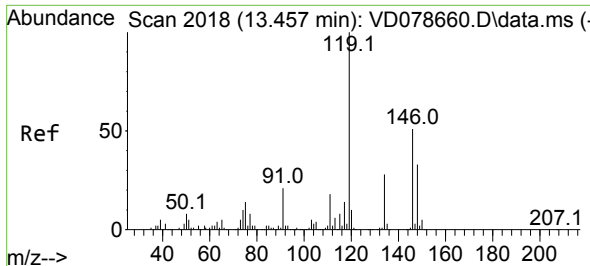
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.5

91 21.3 10.4 31.2

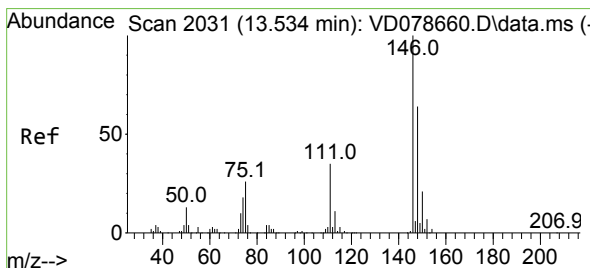
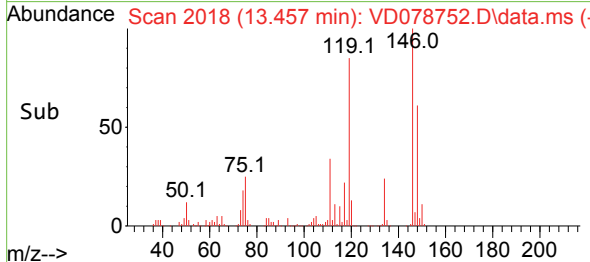
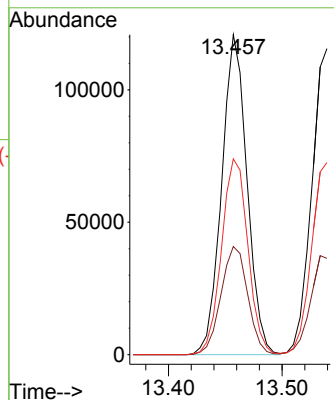
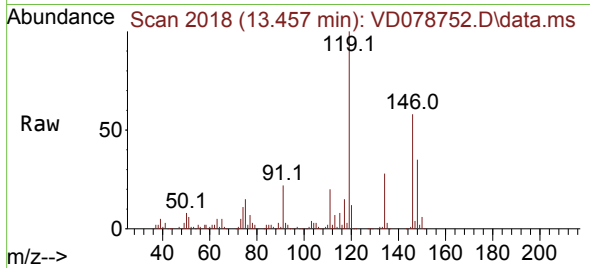




#87
1,3-Dichlorobenzene
Concen: 53.906 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

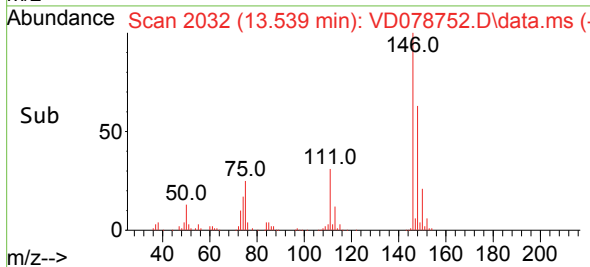
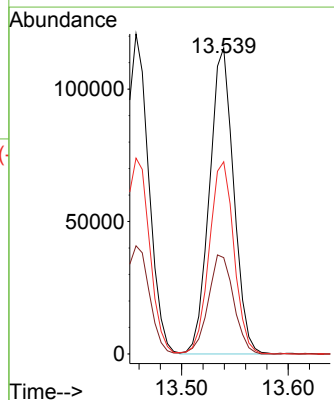
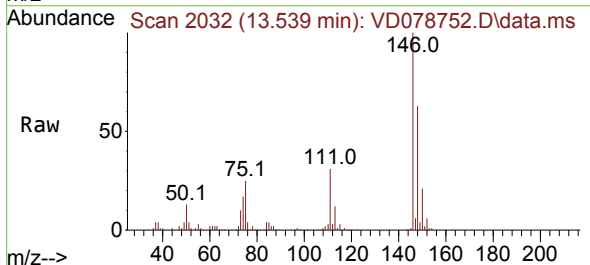
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

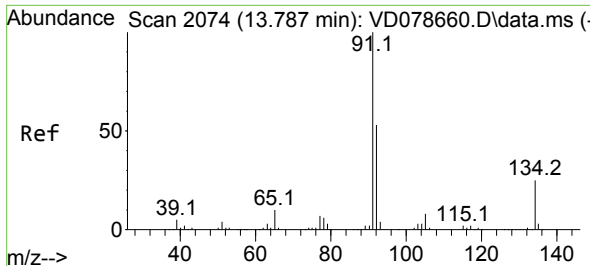
Tgt Ion:146 Resp: 187504
Ion Ratio Lower Upper
146 100
111 35.7 18.2 54.6
148 63.7 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 53.142 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:146 Resp: 182172
Ion Ratio Lower Upper
146 100
111 33.9 17.8 53.3
148 64.0 32.4 97.0

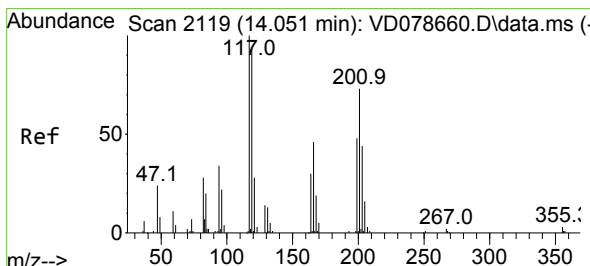
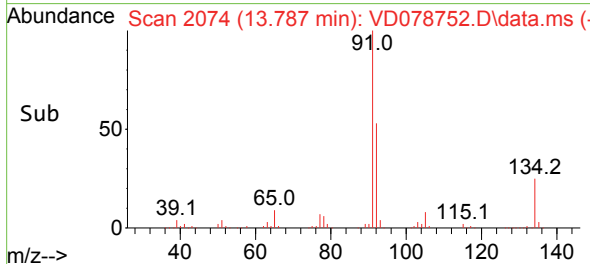
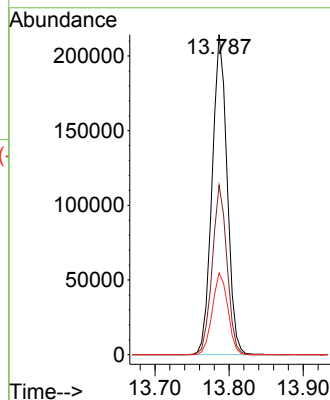
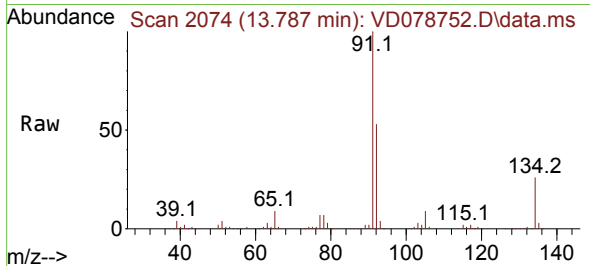




#89
n-Butylbenzene
Concen: 54.369 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

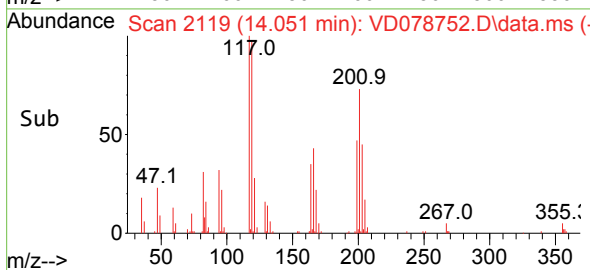
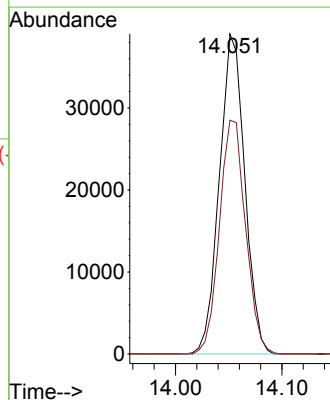
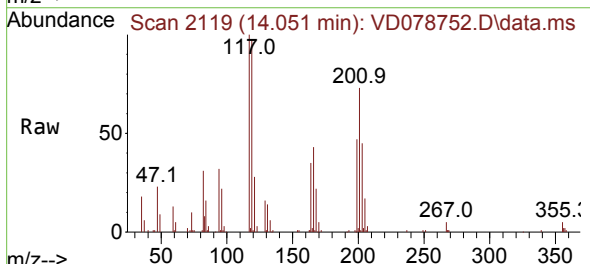
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

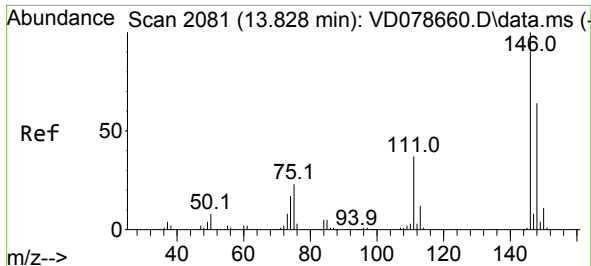
Tgt Ion: 91 Resp: 301473
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 26.4 13.0 38.9



#90
Hexachloroethane
Concen: 50.832 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 117 Resp: 64577
Ion Ratio Lower Upper
117 100
201 75.1 36.2 108.6

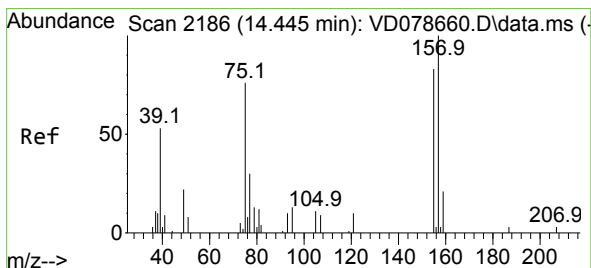
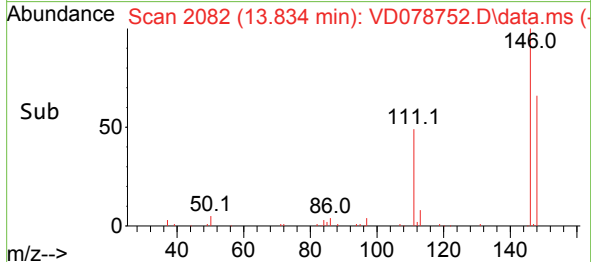
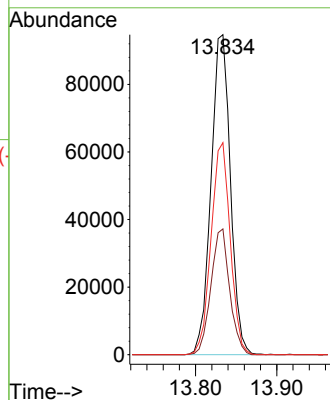
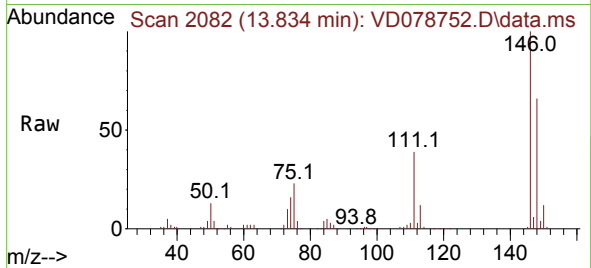




#91
1,2-Dichlorobenzene
Concen: 52.435 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

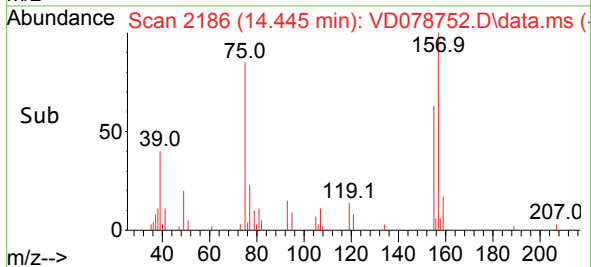
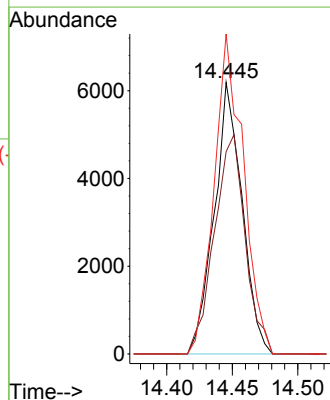
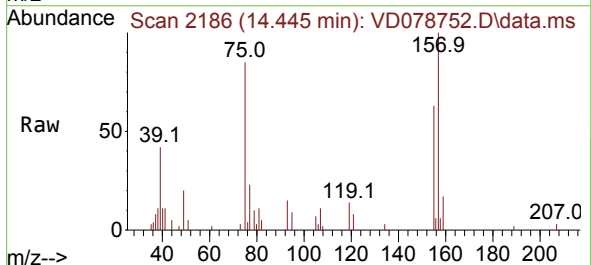
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

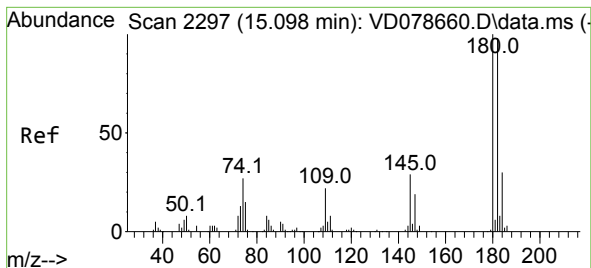
Tgt Ion:146 Resp: 157086
Ion Ratio Lower Upper
146 100
111 38.0 18.6 56.0
148 65.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.476 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion: 75 Resp: 9131
Ion Ratio Lower Upper
75 100
155 89.4 49.8 149.3
157 124.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 54.808 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

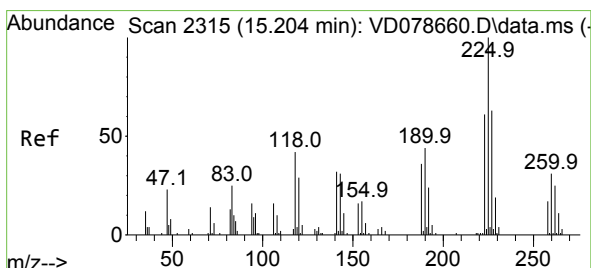
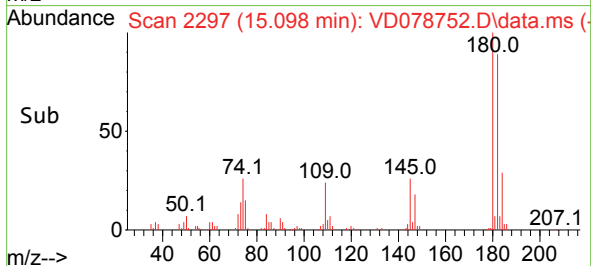
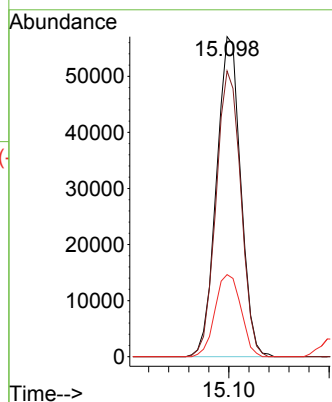
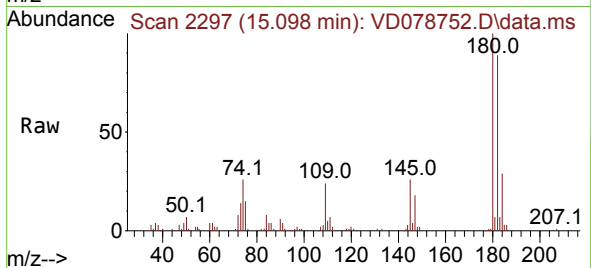
Tgt Ion:180 Resp: 95825

Ion Ratio Lower Upper

180 100

182 91.2 49.7 149.1

145 27.4 14.6 44.0



#94

Hexachlorobutadiene

Concen: 53.612 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078752.D

Acq: 27 Mar 2024 14:37

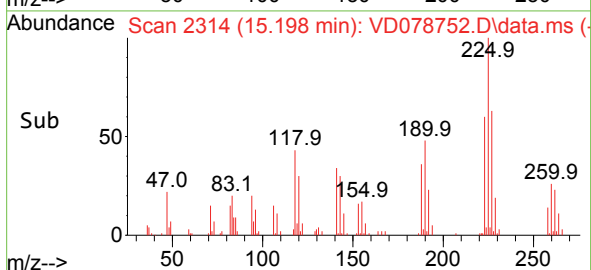
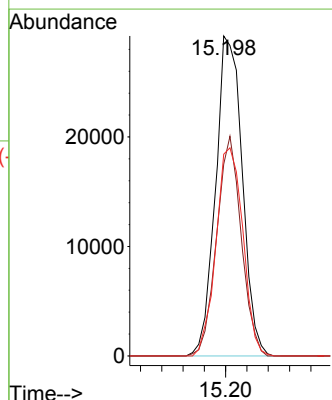
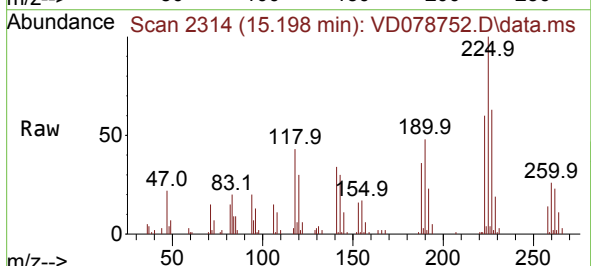
Tgt Ion:225 Resp: 50746

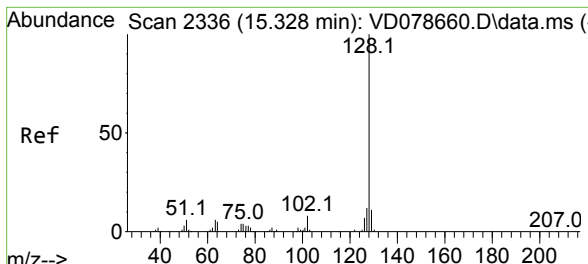
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.7

227 65.6 32.0 96.0

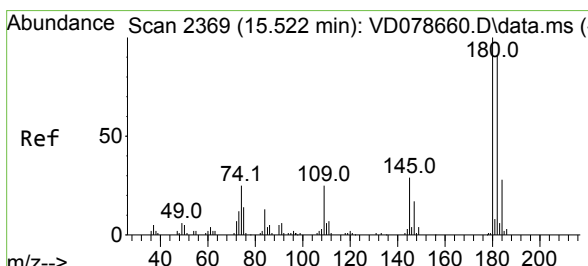
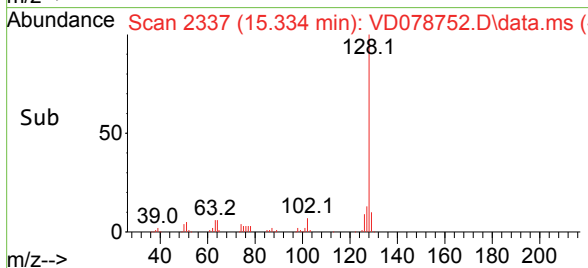
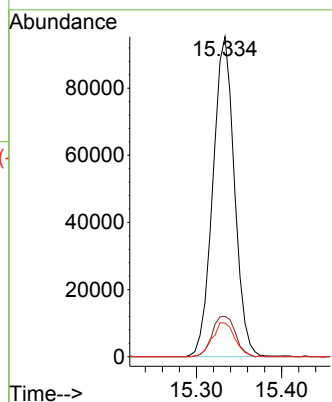
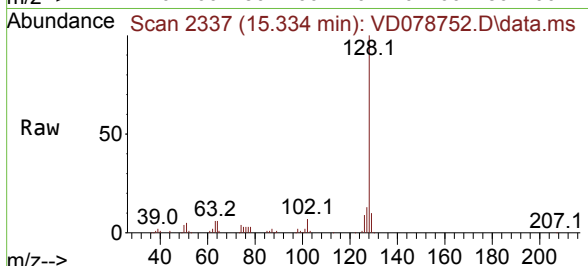




#95
Naphthalene
Concen: 55.181 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	167737
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.3	13.9
129	10.5	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 56.364 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078752.D
Acq: 27 Mar 2024 14:37

Tgt Ion:	180	Resp:	85254
Ion Ratio	Lower	Upper	
180	100		
182	93.7	46.7	140.1
145	29.3	14.4	43.4

