

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078704.D
 Acq On : 18 Mar 2024 18:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 19 01:29:46 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	7.881	168	112660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	178321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57038	54.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.810	113	63487	52.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.269	98	240146	54.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.569	95	69696	53.909	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	47305	45.115	ug/l	98
3) Chloromethane	2.152	50	77064	46.548	ug/l	98
4) Vinyl Chloride	2.281	62	116686	47.778	ug/l	95
5) Bromomethane	2.693	94	101867	43.563	ug/l	99
6) Chloroethane	2.834	64	91874	48.237	ug/l	99
7) Trichlorofluoromethane	3.175	101	86838	44.944	ug/l	99
8) Diethyl Ether	3.593	74	24970	44.264	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	56218	46.362	ug/l	99
10) Methyl Iodide	4.163	142	66198	46.152	ug/l	98
11) Tert butyl alcohol	5.063	59	6630	140.317	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	52700	45.719	ug/l	97
13) Acrolein	3.799	56	18093	244.444	ug/l	98
14) Allyl chloride	4.558	41	59989	46.640	ug/l	95
15) Acrylonitrile	5.252	53	58413	256.863	ug/l	99
16) Acetone	4.016	43	47590	233.096	ug/l	96
17) Carbon Disulfide	4.269	76	170677	45.166	ug/l	99
18) Methyl Acetate	4.563	43	26429	60.319	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	112134	48.237	ug/l	99
20) Methylene Chloride	4.805	84	72434	52.259	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	64199	47.200	ug/l	94
22) Diisopropyl ether	6.222	45	142585	48.759	ug/l	93
23) Vinyl Acetate	6.157	43	420102	245.598	ug/l	99
24) 1,1-Dichloroethane	6.116	63	103671	47.286	ug/l	100
25) 2-Butanone	7.081	43	65512	241.350	ug/l	98
26) 2,2-Dichloropropane	7.081	77	83207	44.857	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	71990	46.405	ug/l	99
28) Bromochloromethane	7.428	49	39696	50.786	ug/l	95
29) Tetrahydrofuran	7.446	42	38303	259.440	ug/l	98
30) Chloroform	7.599	83	115848	47.391	ug/l	96
31) Cyclohexane	7.875	56	81782	46.084	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	97193	46.862	ug/l	99
36) 1,1-Dichloropropene	8.004	75	85746	49.182	ug/l	97
37) Ethyl Acetate	7.169	43	29187	51.245	ug/l #	74
38) Carbon Tetrachloride	7.993	117	87773	47.754	ug/l	89
39) Methylcyclohexane	9.275	83	96601	47.764	ug/l	99
40) Benzene	8.251	78	257481	48.856	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17888	59.931	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	65508	50.969	ug/l	100
43) Isopropyl Acetate	8.363	43	51449	49.670	ug/l	99
44) Trichloroethene	9.028	130	65819	46.019	ug/l	98
45) 1,2-Dichloropropane	9.304	63	62334	49.859	ug/l	94
46) Dibromomethane	9.393	93	36532	48.746	ug/l	97
47) Bromodichloromethane	9.587	83	88507	49.609	ug/l	94
48) Methyl methacrylate	9.381	41	27033	53.562	ug/l	97
49) 1,4-Dioxane	9.387	88	7448	1073.359	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	144261	266.403	ug/l	99
52) Toluene	10.334	92	166661	49.118	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	81824	50.161	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	96166	49.040	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	51007	50.825	ug/l	97
56) Ethyl methacrylate	10.598	69	51633	51.321	ug/l	95
57) 1,3-Dichloropropane	10.875	76	79941	49.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	127114	286.540	ug/l	99
59) 2-Hexanone	10.922	43	102648	255.707	ug/l	100
60) Dibromochloromethane	11.075	129	62900	50.822	ug/l	97
61) 1,2-Dibromoethane	11.181	107	47630	49.041	ug/l	98
64) Tetrachloroethene	10.810	164	57495	48.722	ug/l	97
65) Chlorobenzene	11.604	112	178772	47.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	64836	47.510	ug/l	98
67) Ethyl Benzene	11.681	91	306470	48.263	ug/l	95
68) m/p-Xylenes	11.792	106	253956	98.489	ug/l	100
69) o-Xylene	12.122	106	113700	47.658	ug/l	95
70) Styrene	12.134	104	201271	50.263	ug/l	99
71) Bromoform	12.298	173	36748	49.827	ug/l #	96
73) Isopropylbenzene	12.422	105	299194	47.573	ug/l	99
74) N-amyl acetate	12.234	43	50191	49.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	57570	49.449	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	65547	89.067	ug/l #	100
77) Bromobenzene	12.698	156	74823	47.973	ug/l	99
78) n-propylbenzene	12.763	91	372227	48.623	ug/l	99
79) 2-Chlorotoluene	12.845	91	196618	46.818	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	250258	48.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17035	48.521	ug/l	97
82) 4-Chlorotoluene	12.945	91	208703	46.985	ug/l	100
83) tert-Butylbenzene	13.169	119	216284	48.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	251859	48.054	ug/l	97
85) sec-Butylbenzene	13.345	105	332382	48.978	ug/l	99
86) p-Isopropyltoluene	13.457	119	285780	49.191	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	155869	47.357	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	151897	46.828	ug/l	98
89) n-Butylbenzene	13.786	91	252717	48.166	ug/l	99
90) Hexachloroethane	14.057	117	56206	46.757	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	133650	47.147	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7232	46.435	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	74373	44.956	ug/l	95
94) Hexachlorobutadiene	15.204	225	40630	45.364	ug/l	98
95) Naphthalene	15.333	128	138174	48.039	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	65671	45.884	ug/l	97

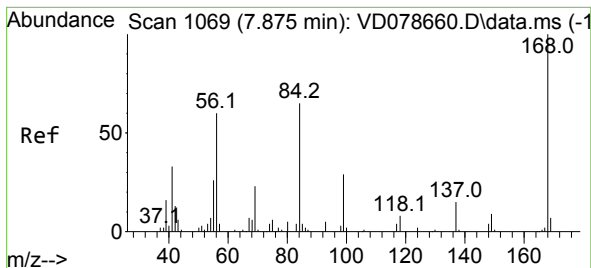
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
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Response via : Initial Calibration

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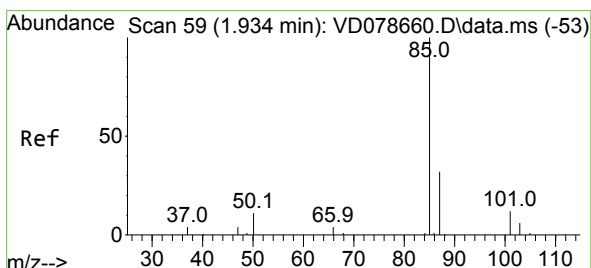
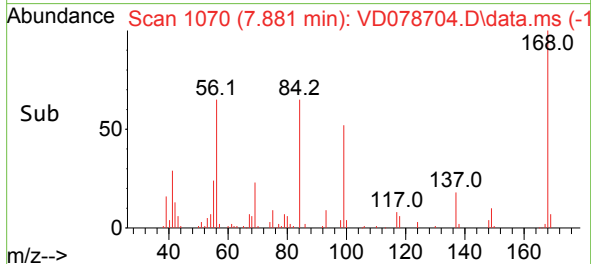
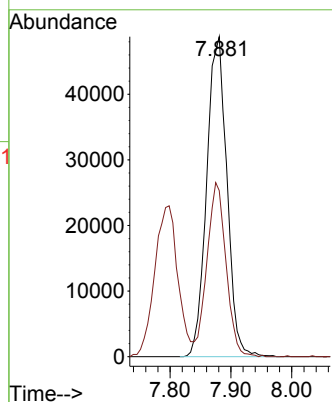
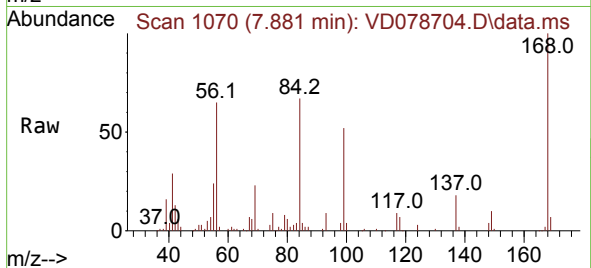
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

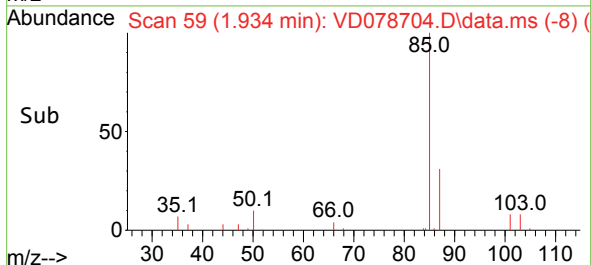
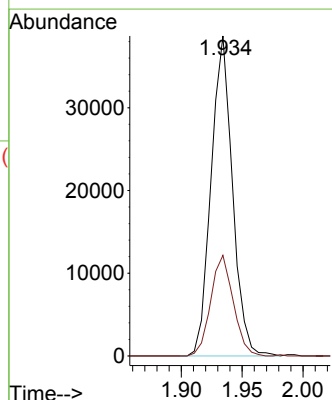
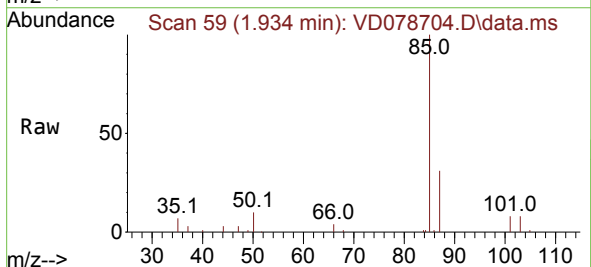
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ClientSampleId :
VSTDCCC050EC

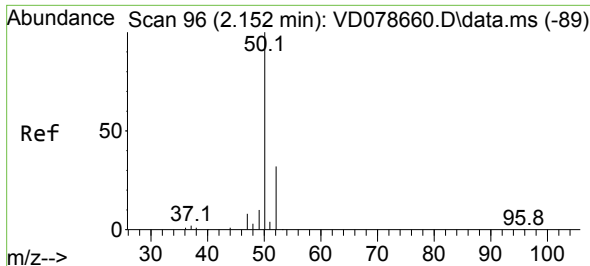
Tgt Ion:168 Resp: 112660
Ion Ratio Lower Upper
168 100
99 51.9 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 45.115 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 85 Resp: 47305
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.5

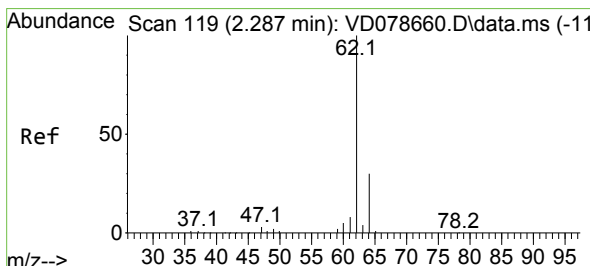
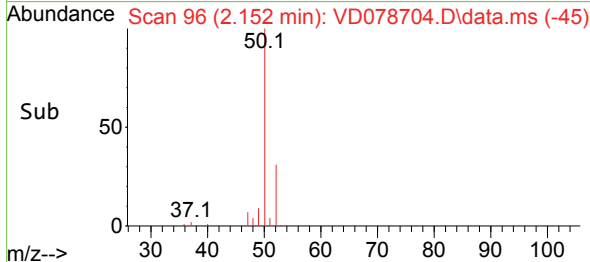
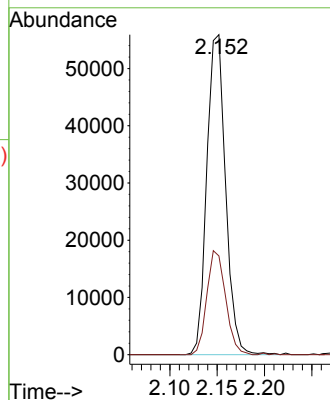
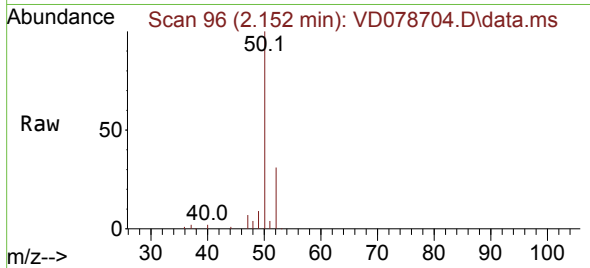




#3
Chloromethane
Concen: 46.548 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

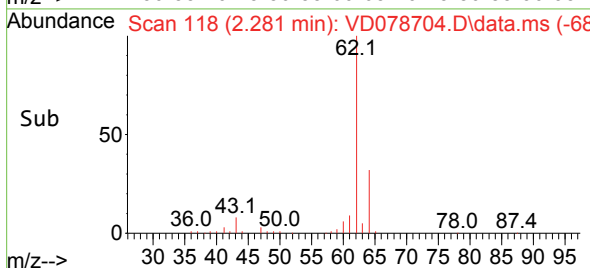
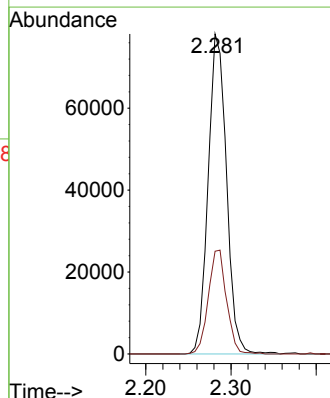
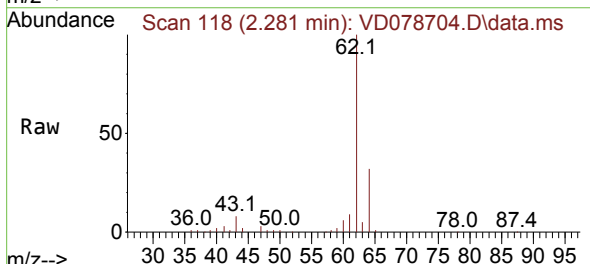
Instrument :
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ClientSampleId :
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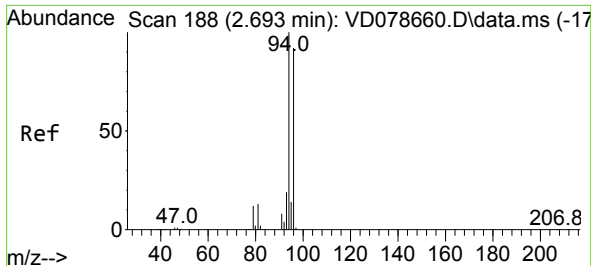
Tgt Ion: 50 Resp: 77064
Ion Ratio Lower Upper
50 100
52 30.8 25.6 38.4



#4
Vinyl Chloride
Concen: 47.778 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 62 Resp: 116686
Ion Ratio Lower Upper
62 100
64 32.1 23.7 35.5

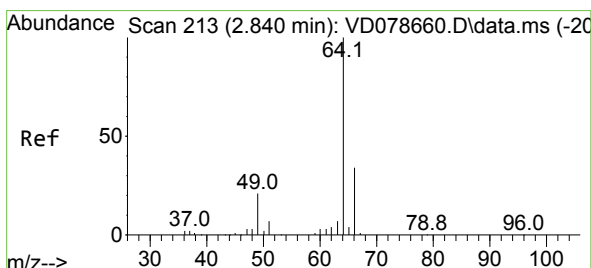
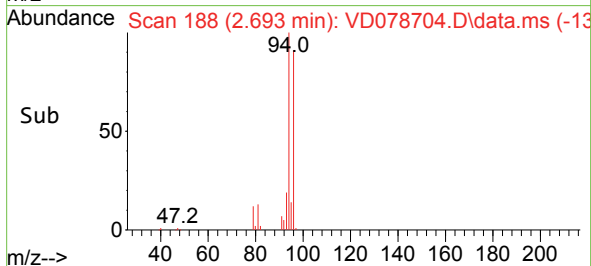
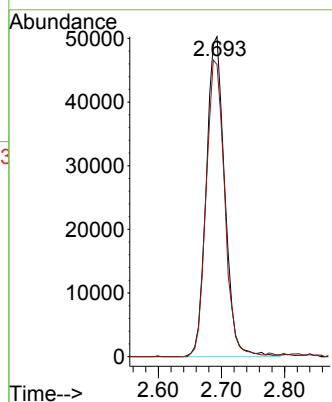
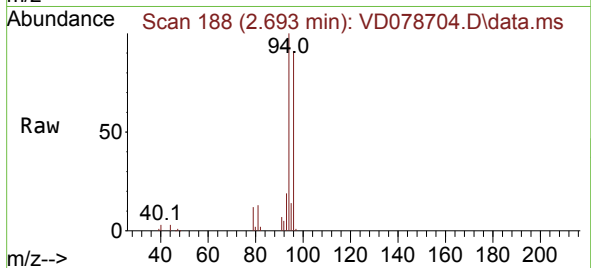




#5
Bromomethane
Concen: 43.563 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

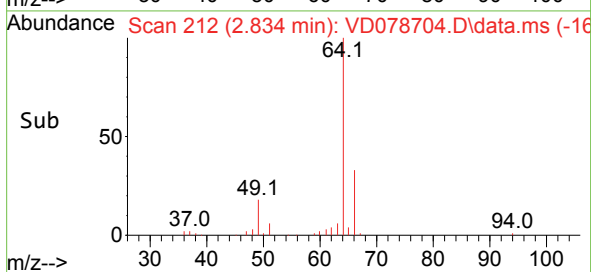
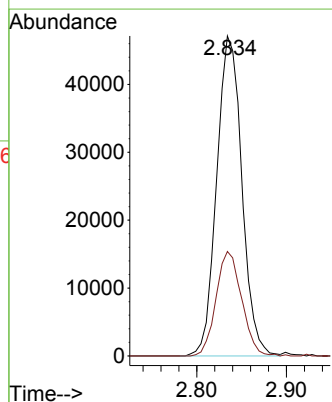
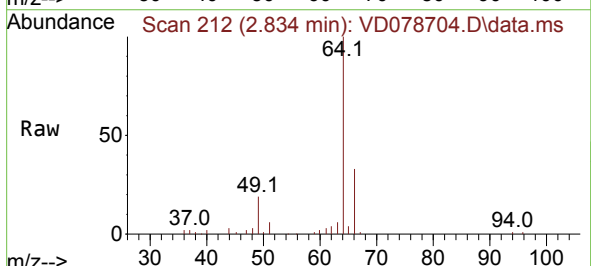
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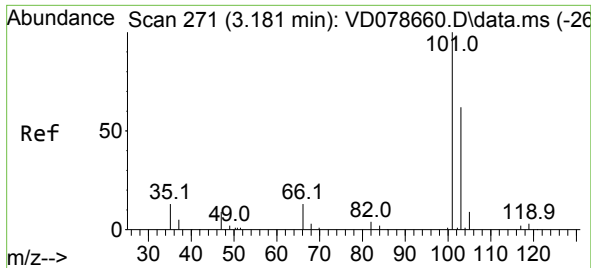
Tgt Ion: 94 Resp: 101867
Ion Ratio Lower Upper
94 100
96 93.1 73.5 110.3



#6
Chloroethane
Concen: 48.237 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 64 Resp: 91874
Ion Ratio Lower Upper
64 100
66 32.7 26.8 40.2

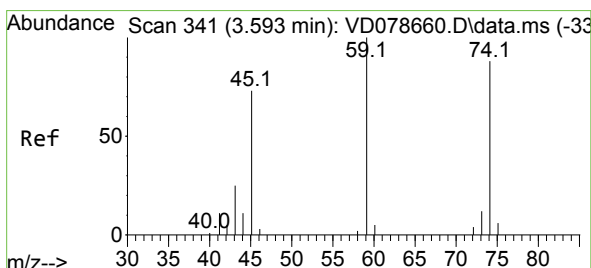
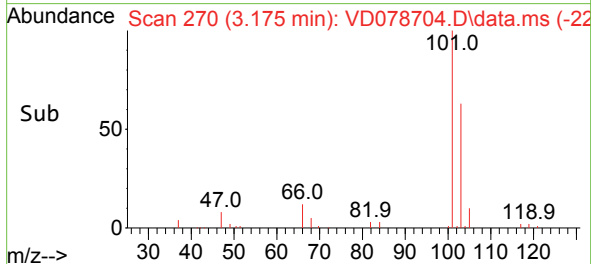
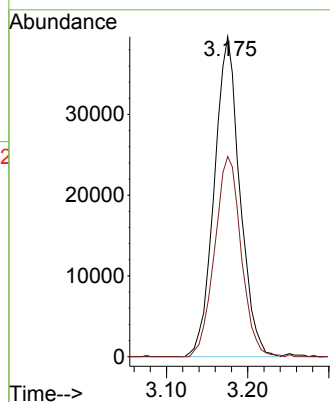
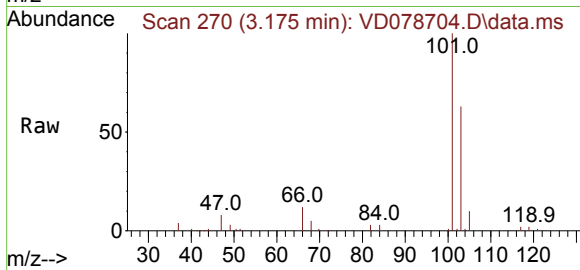




#7
Trichlorofluoromethane
Concen: 44.944 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

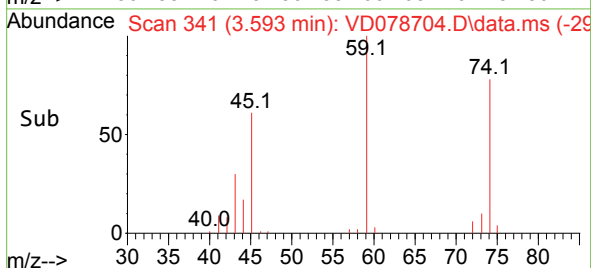
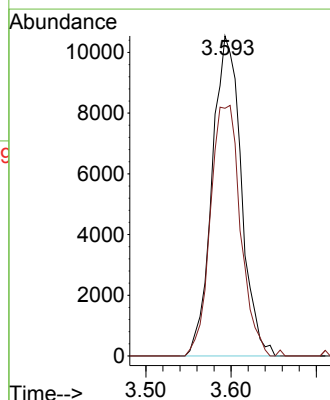
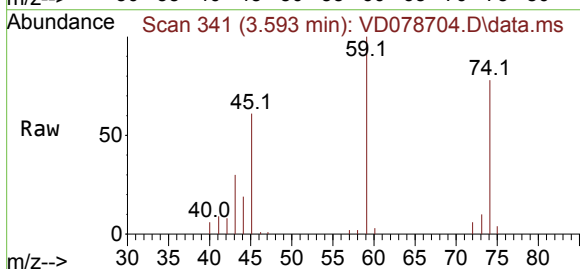
Instrument :
MSVOA_D
ClientSampleId :
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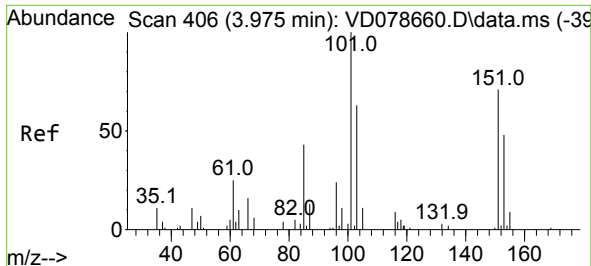
Tgt Ion:101 Resp: 86838
Ion Ratio Lower Upper
101 100
103 62.5 49.7 74.5



#8
Diethyl Ether
Concen: 44.264 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 74 Resp: 24970
Ion Ratio Lower Upper
74 100
45 81.0 42.4 127.3

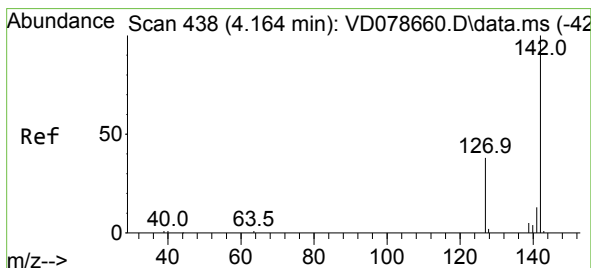
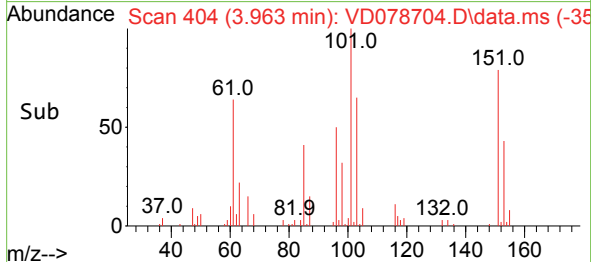
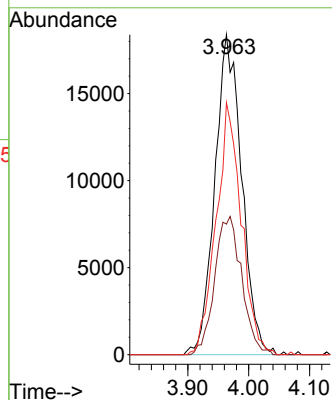
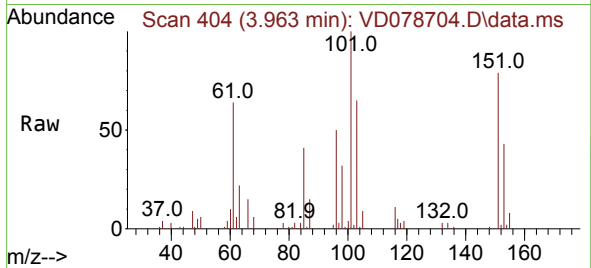




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.362 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

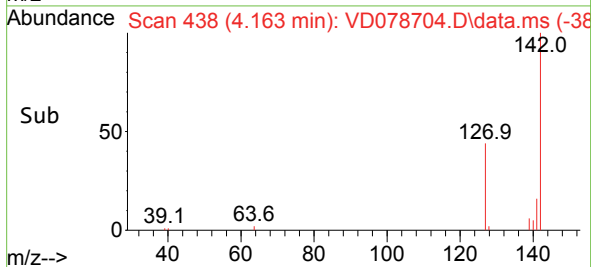
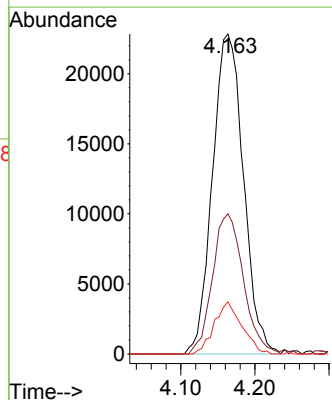
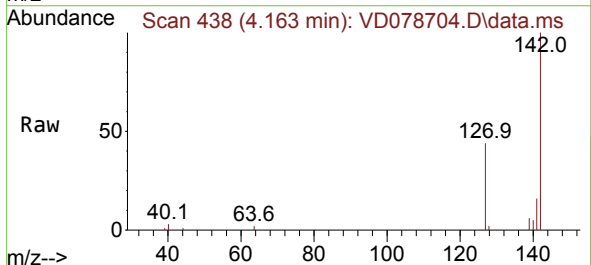
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

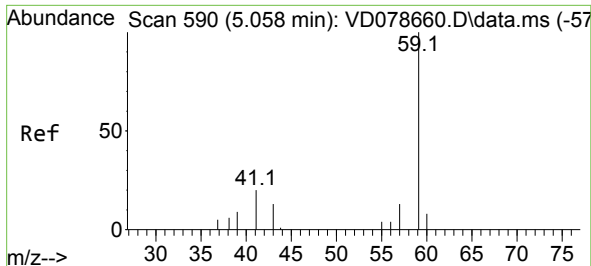
Tgt Ion:101 Resp: 56218
Ion Ratio Lower Upper
101 100
85 43.7 35.8 53.6
151 74.4 59.4 89.2



#10
Methyl Iodide
Concen: 46.152 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:142 Resp: 66198
Ion Ratio Lower Upper
142 100
127 44.0 33.5 50.3
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 140.317 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

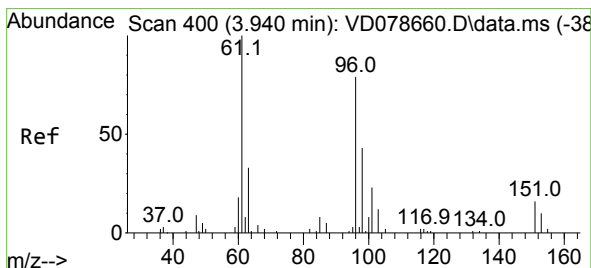
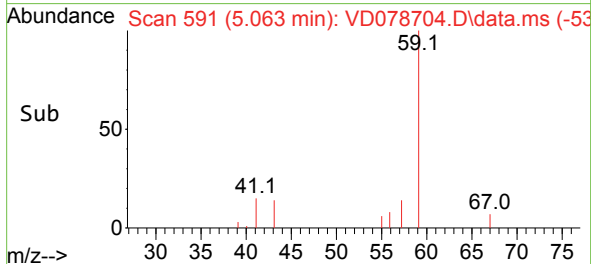
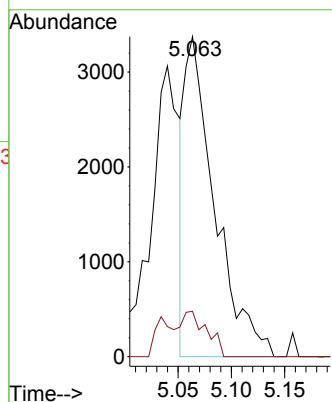
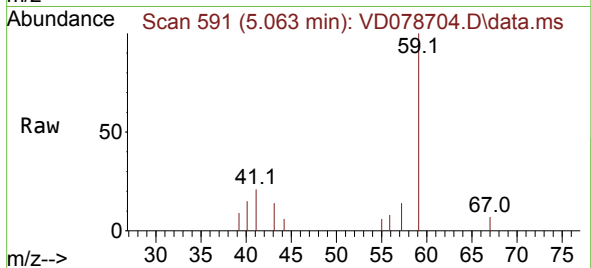
VSTDCCC050EC

Tgt Ion: 59 Resp: 6630

Ion Ratio Lower Upper

59 100

57 12.3 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 45.719 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

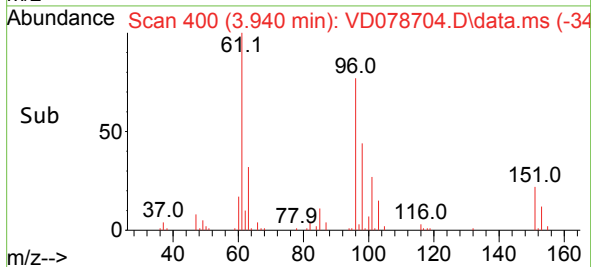
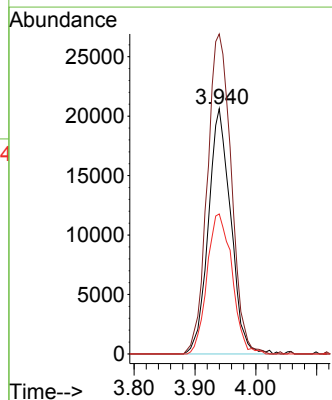
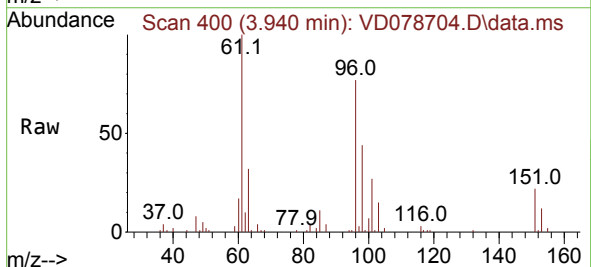
Tgt Ion: 96 Resp: 52700

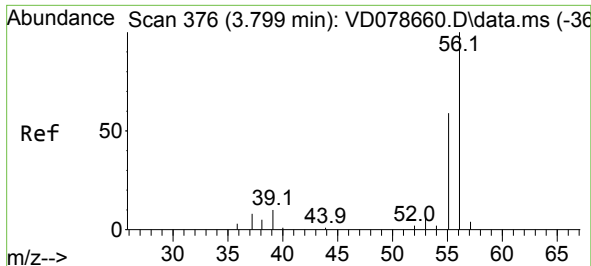
Ion Ratio Lower Upper

96 100

61 130.4 101.4 152.0

98 57.1 43.4 65.0





#13

Acrolein

Concen: 244.444 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

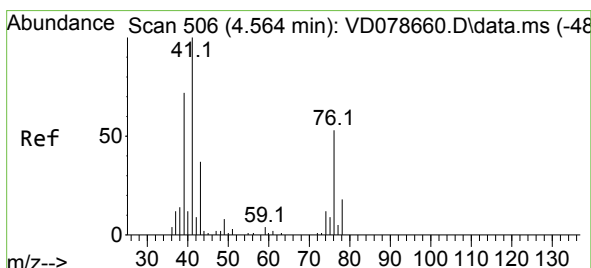
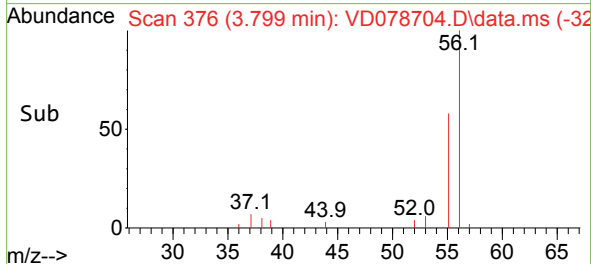
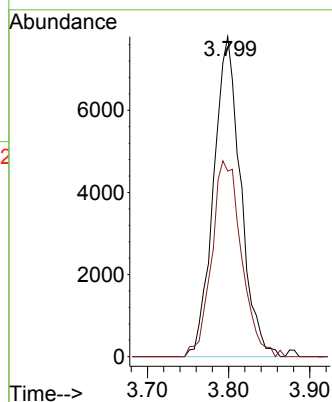
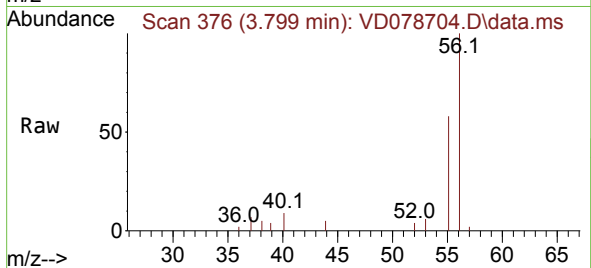
VSTDCCC050EC

Tgt Ion: 56 Resp: 18093

Ion Ratio Lower Upper

56 100

55 67.2 54.9 82.3



#14

Allyl chloride

Concen: 46.640 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

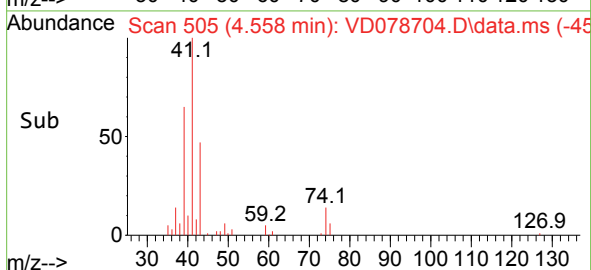
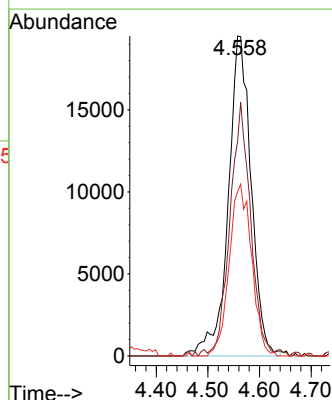
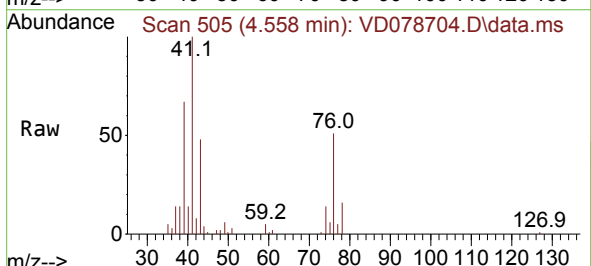
Tgt Ion: 41 Resp: 59989

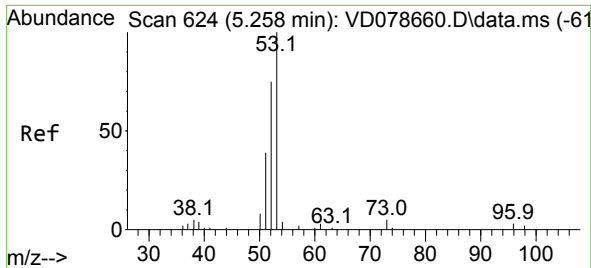
Ion Ratio Lower Upper

41 100

39 68.4 57.8 86.6

76 52.7 44.8 67.2

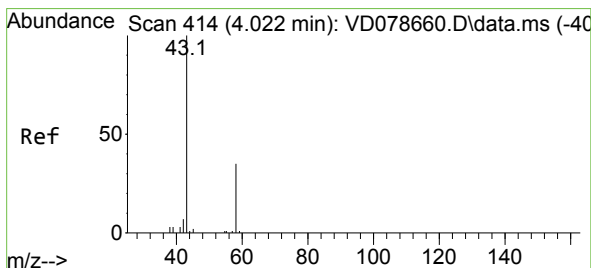
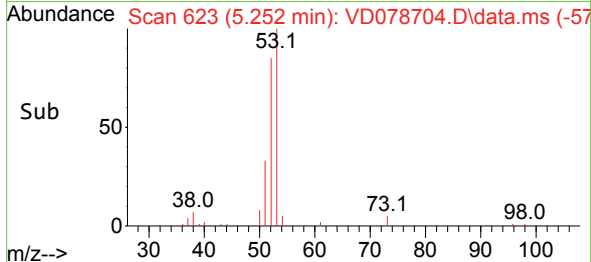
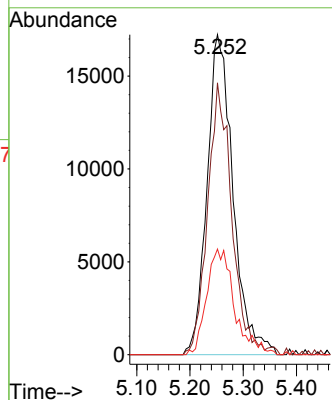
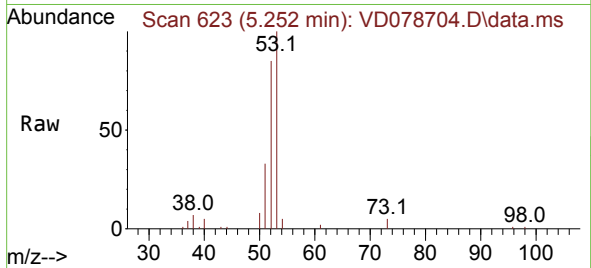




#15
Acrylonitrile
Concen: 256.863 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

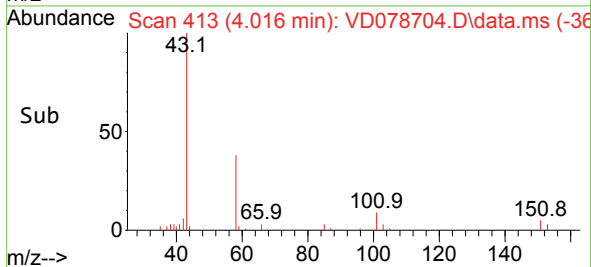
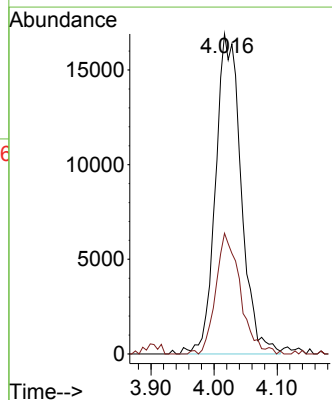
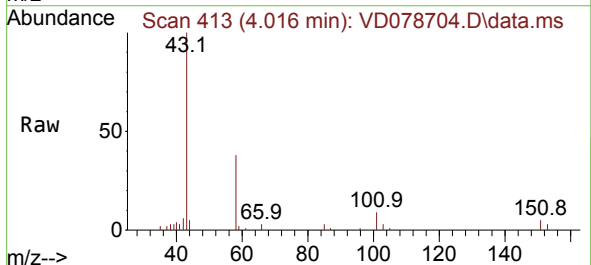
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

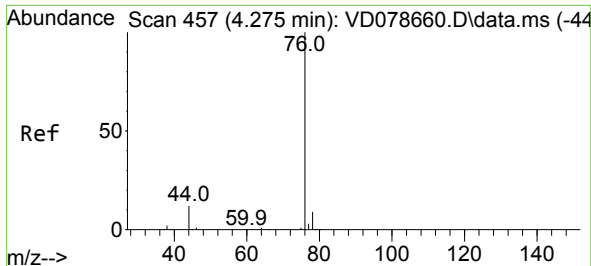
Tgt Ion:	53	Resp:	58413
Ion	Ratio	Lower	Upper
53	100		
52	78.6	61.9	92.9
51	35.3	29.0	43.4



#16
Acetone
Concen: 233.096 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:	43	Resp:	47590
Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.2	42.4

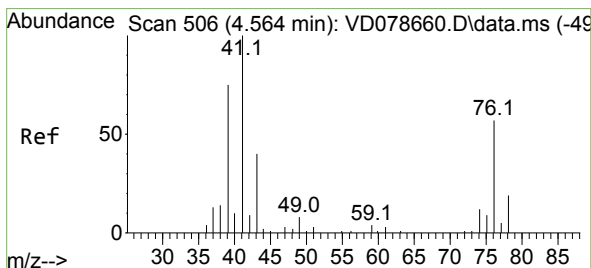
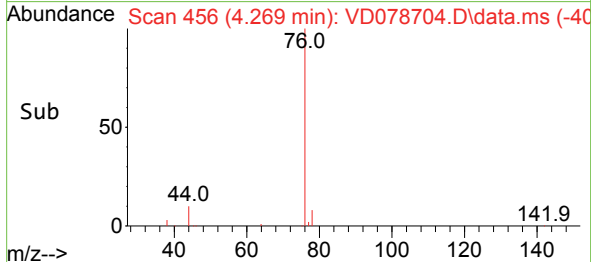
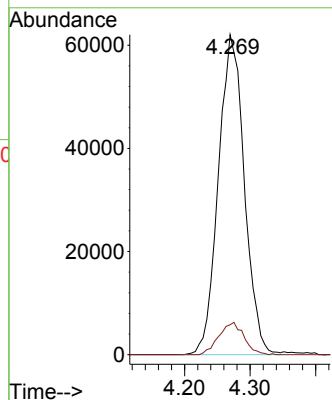
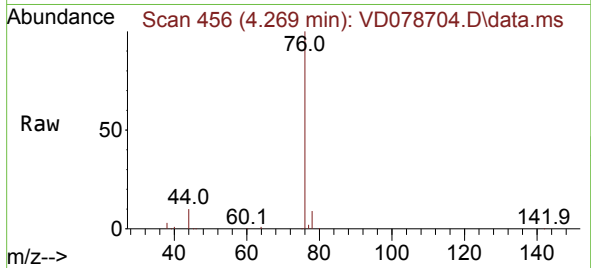




#17
Carbon Disulfide
Concen: 45.166 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

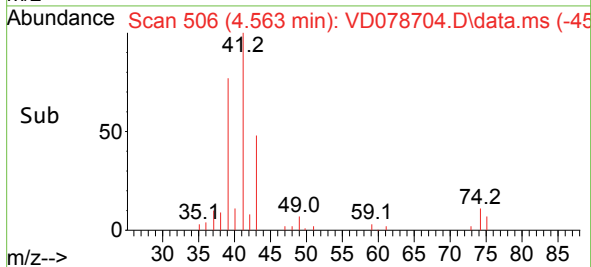
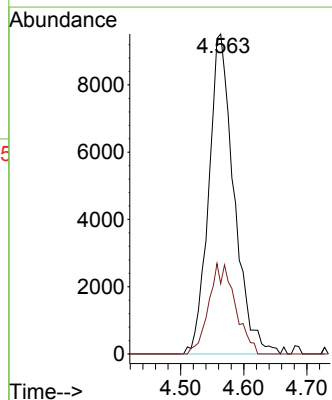
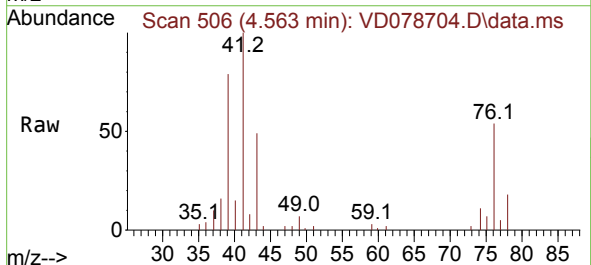
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

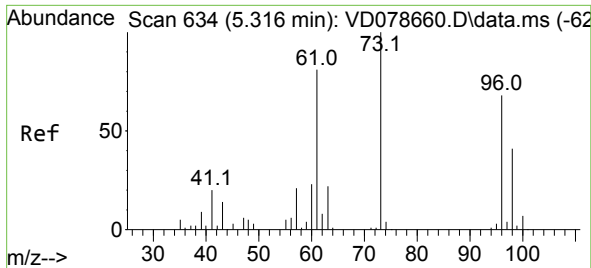
Tgt Ion: 76 Resp: 170677
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 60.319 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 43 Resp: 26429
Ion Ratio Lower Upper
43 100
74 29.6 25.3 37.9

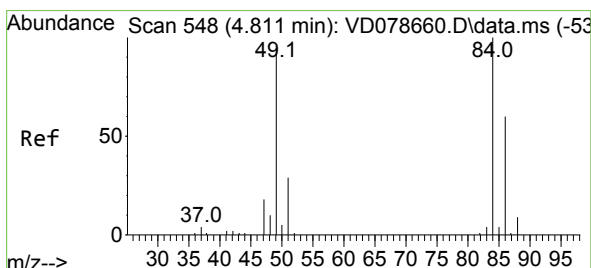
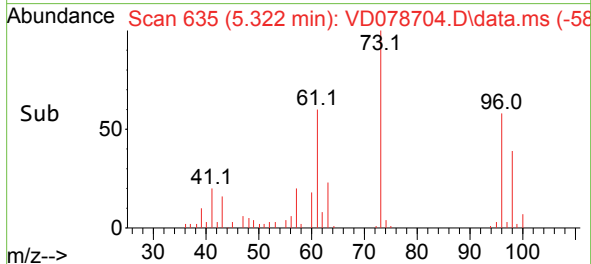
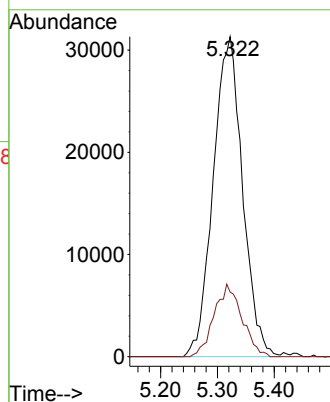
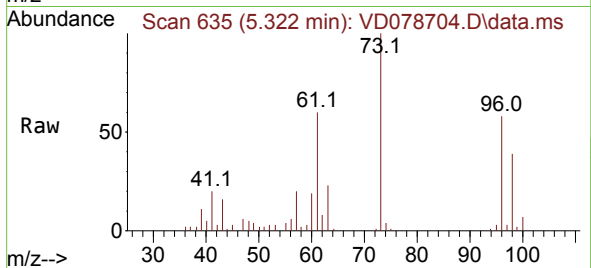




#19
Methyl tert-butyl Ether
Concen: 48.237 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

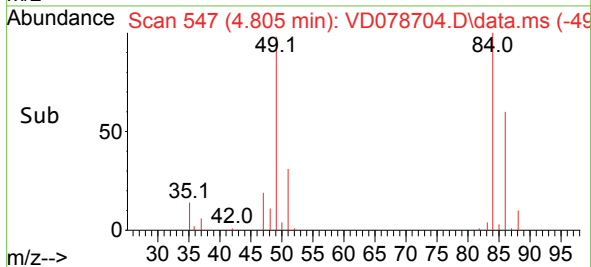
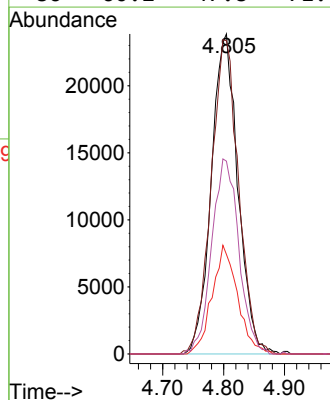
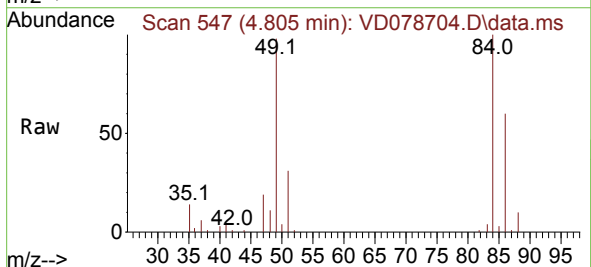
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

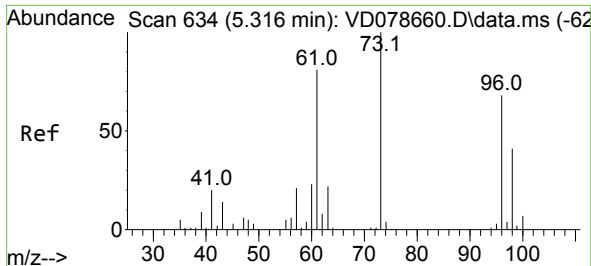
Tgt Ion: 73 Resp: 112134
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6



#20
Methylene Chloride
Concen: 52.259 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 84 Resp: 72434
Ion Ratio Lower Upper
84 100
49 97.9 75.6 113.4
51 31.1 23.4 35.0
86 60.2 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 47.200 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

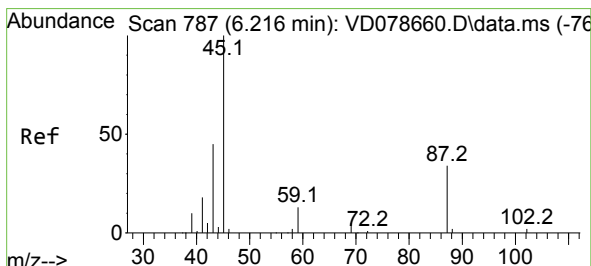
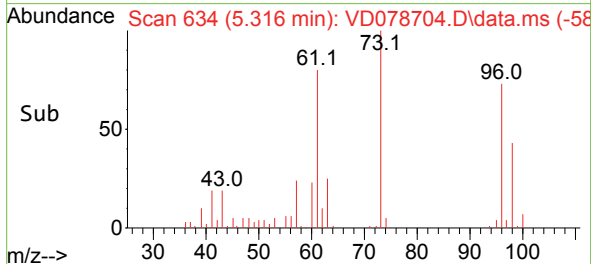
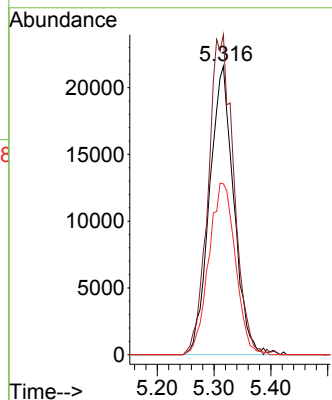
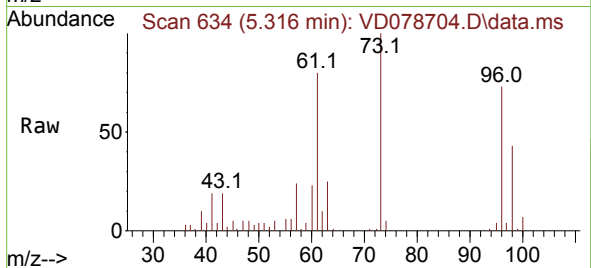
Tgt Ion: 96 Resp: 64199

Ion Ratio Lower Upper

96 100

61 110.9 96.1 144.1

98 59.2 48.9 73.3



#22

Diisopropyl ether

Concen: 48.759 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Tgt Ion: 45 Resp: 142585

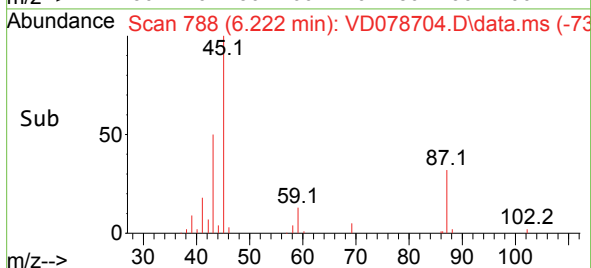
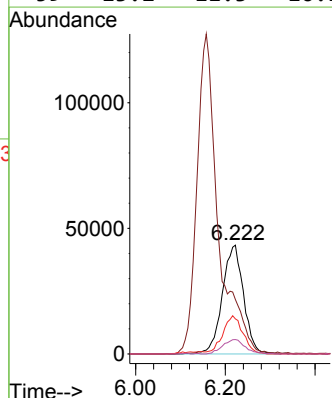
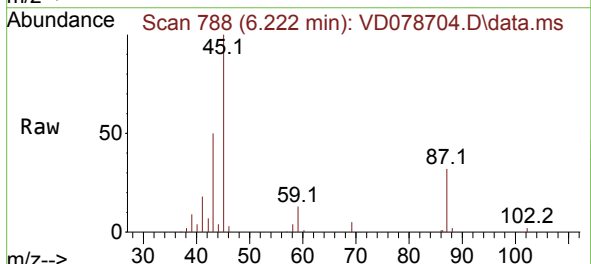
Ion Ratio Lower Upper

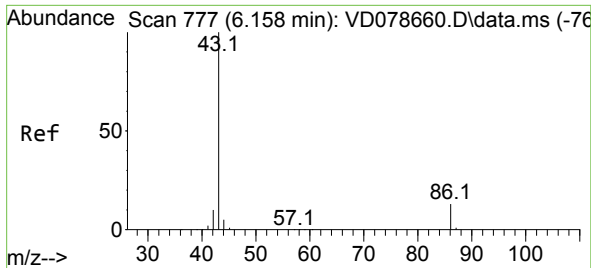
45 100

43 49.0 44.3 66.5

87 32.2 28.3 42.5

59 13.2 11.3 16.9

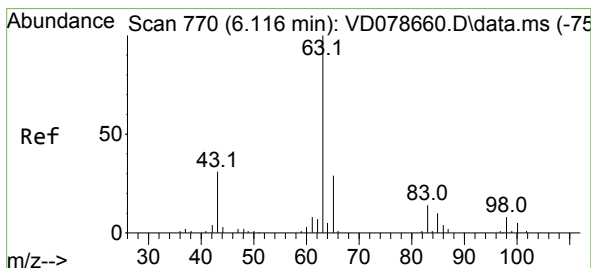
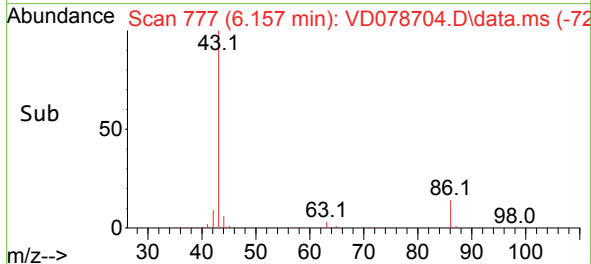
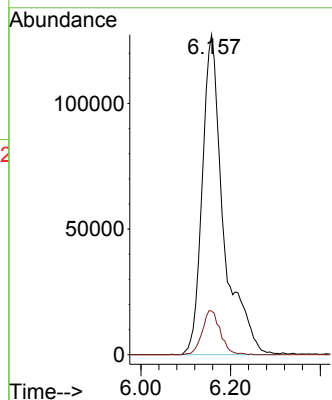
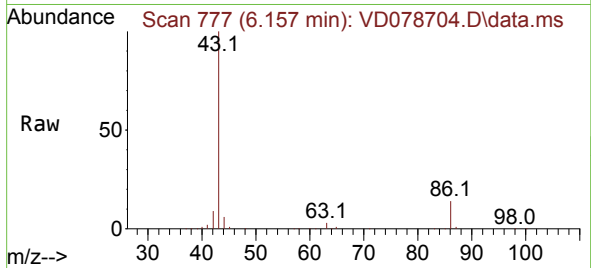




#23
 Vinyl Acetate
 Concen: 245.598 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078704.D
 Acq: 18 Mar 2024 18:33

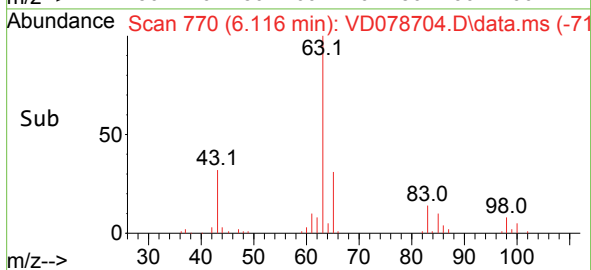
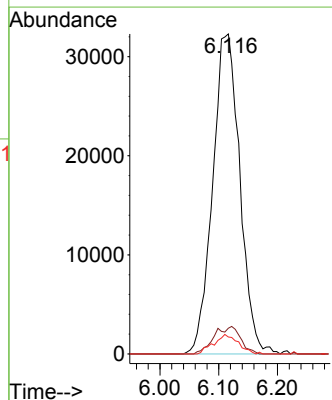
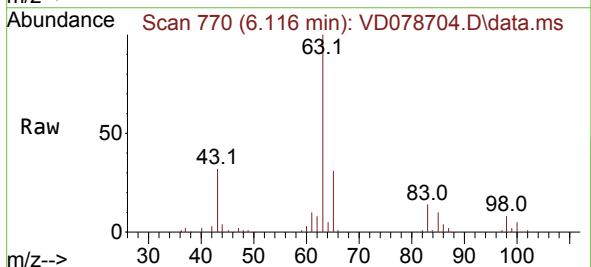
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

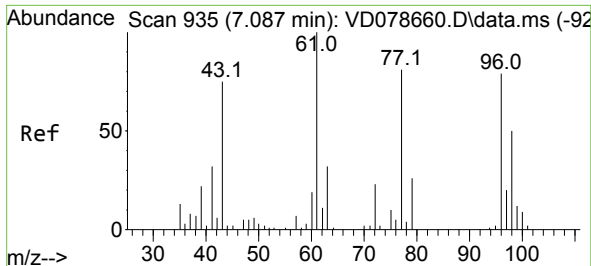
Tgt Ion: 43 Resp: 420102
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 47.286 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078704.D
 Acq: 18 Mar 2024 18:33

Tgt Ion: 63 Resp: 103671
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 5.3 2.7 8.1

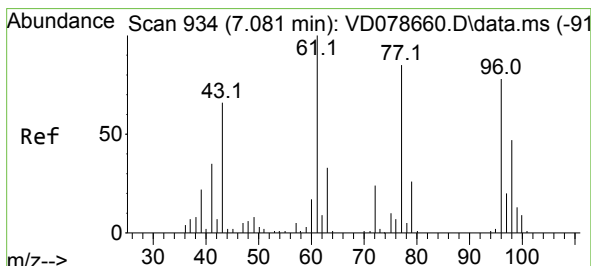
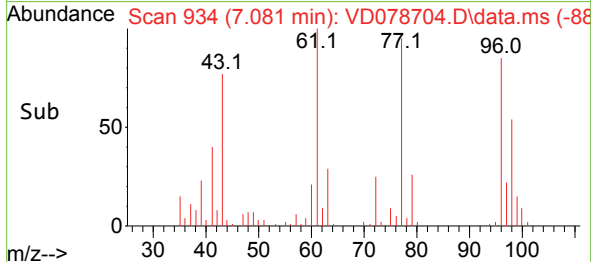
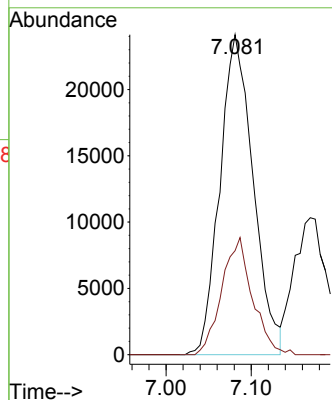
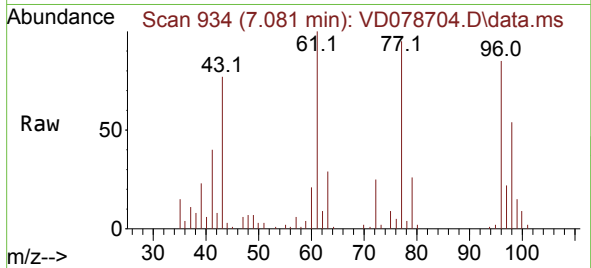




#25
2-Butanone
Concen: 241.350 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

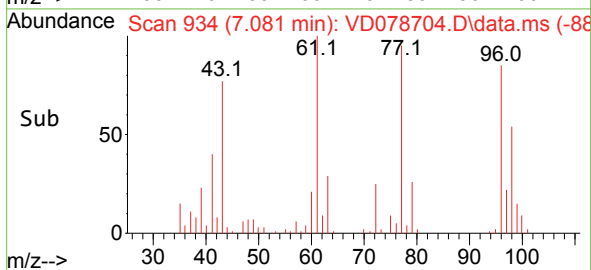
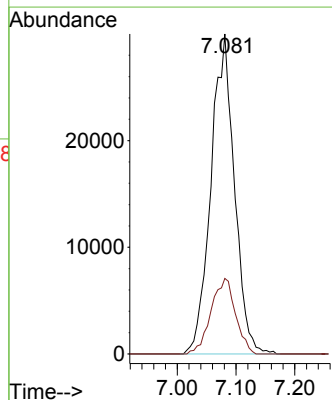
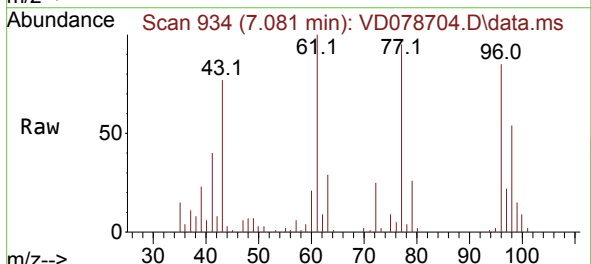
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

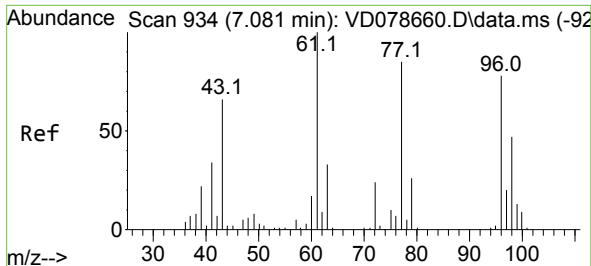
Tgt Ion: 43 Resp: 65512
Ion Ratio Lower Upper
43 100
72 32.5 25.0 37.6



#26
2,2-Dichloropropane
Concen: 44.857 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 77 Resp: 83207
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.0

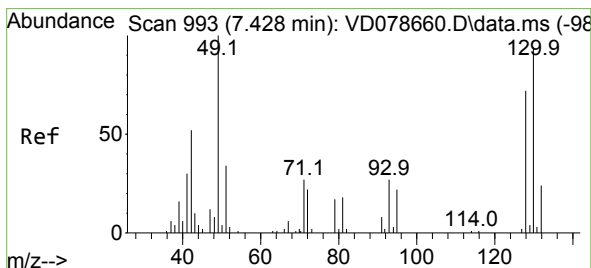
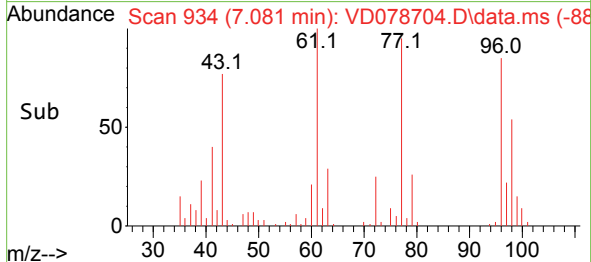
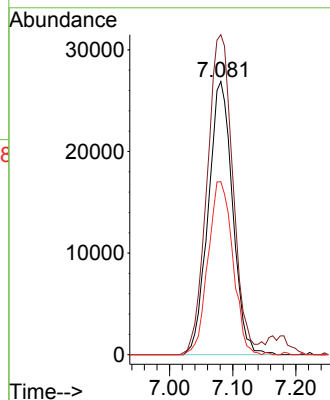
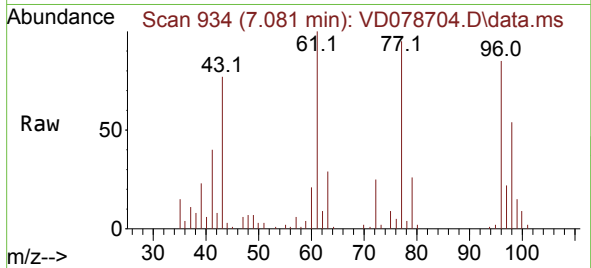




#27
 cis-1,2-Dichloroethene
 Concen: 46.405 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078704.D
 Acq: 18 Mar 2024 18:33

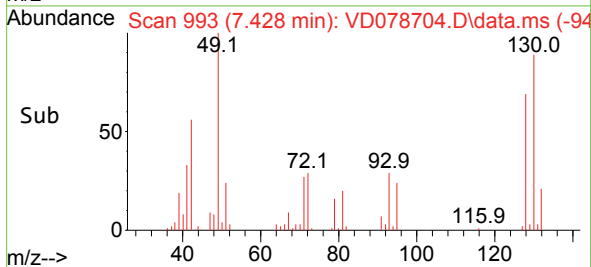
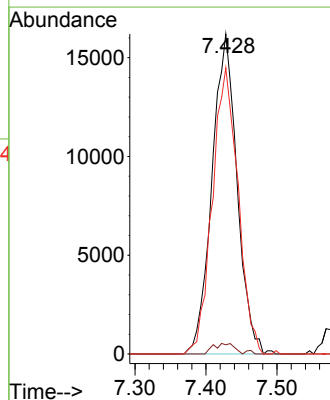
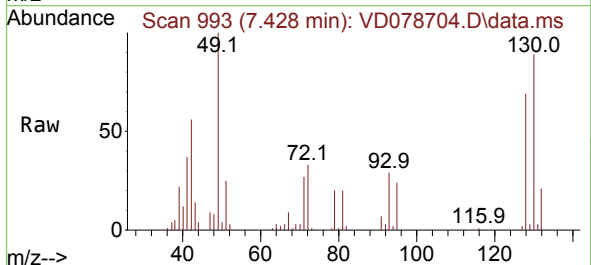
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

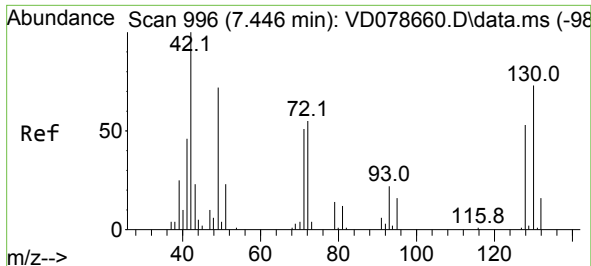
Tgt Ion: 96	Resp: 71990
Ion Ratio	Lower Upper
96 100	
61 124.1	0.0 245.0
98 64.2	0.0 126.6



#28
 Bromochloromethane
 Concen: 50.786 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078704.D
 Acq: 18 Mar 2024 18:33

Tgt Ion: 49	Resp: 39696
Ion Ratio	Lower Upper
49 100	
129 2.7	0.0 6.2
130 91.6	77.1 115.7

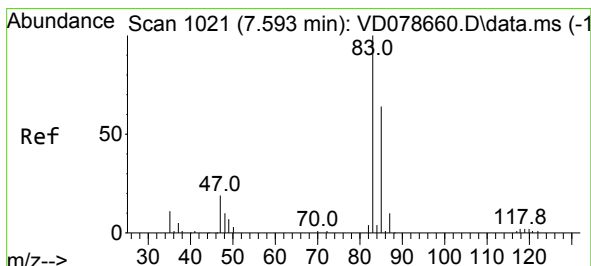
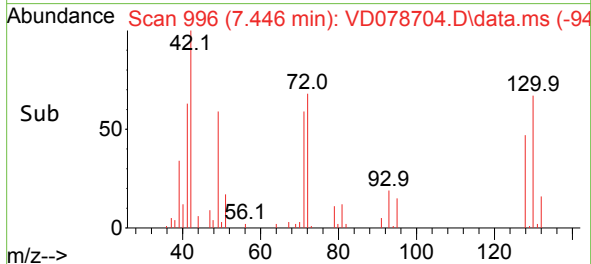
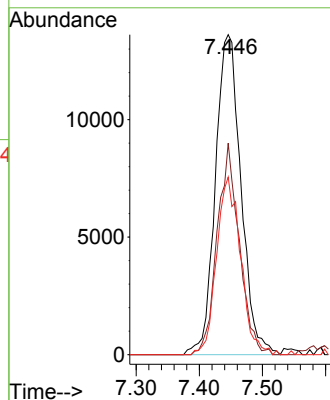
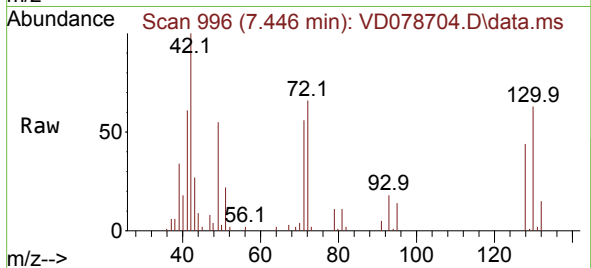




#29
Tetrahydrofuran
Concen: 259.440 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

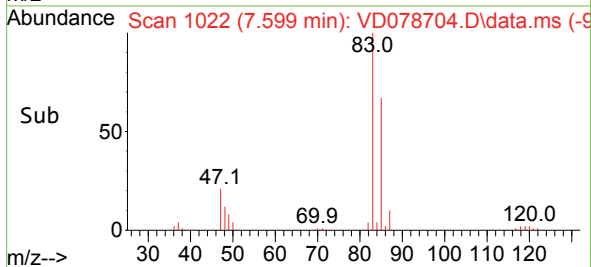
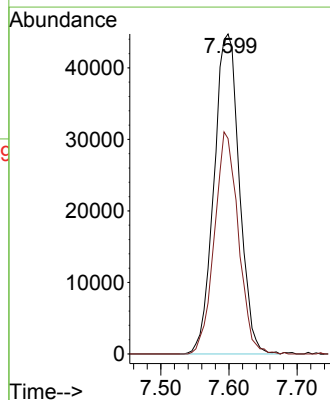
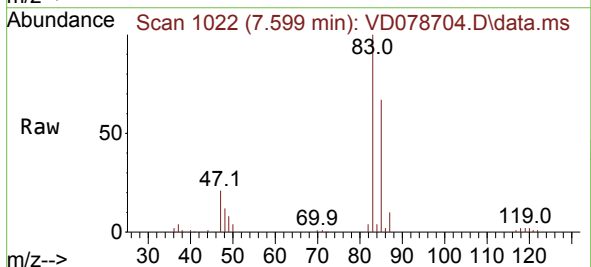
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

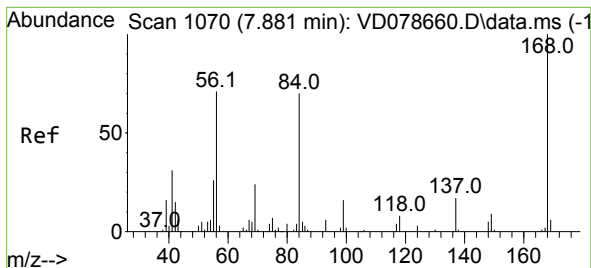
Tgt Ion: 42 Resp: 38303
Ion Ratio Lower Upper
42 100
72 56.9 43.8 65.6
71 52.3 42.0 63.0



#30
Chloroform
Concen: 47.391 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 83 Resp: 115848
Ion Ratio Lower Upper
83 100
85 67.3 51.2 76.8





#31

Cyclohexane

Concen: 46.084 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

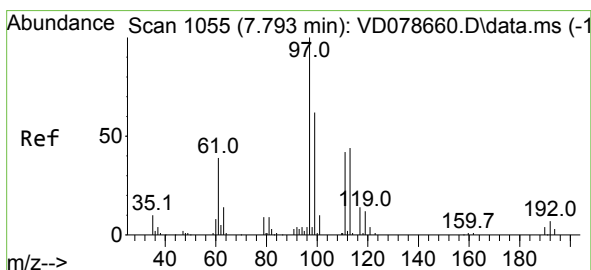
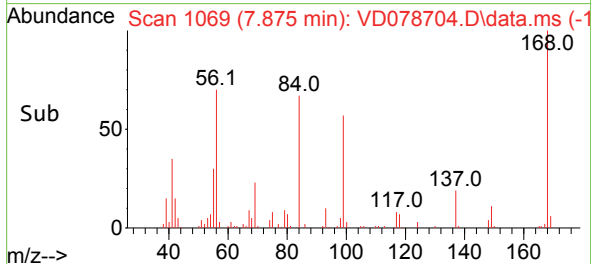
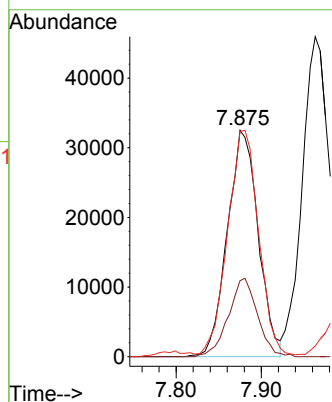
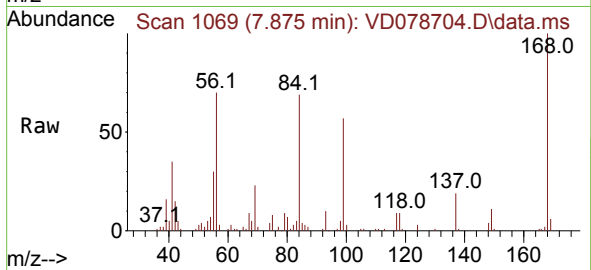
Tgt Ion: 56 Resp: 81782

Ion Ratio Lower Upper

56 100

69 33.6 26.6 40.0

84 98.0 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 46.862 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

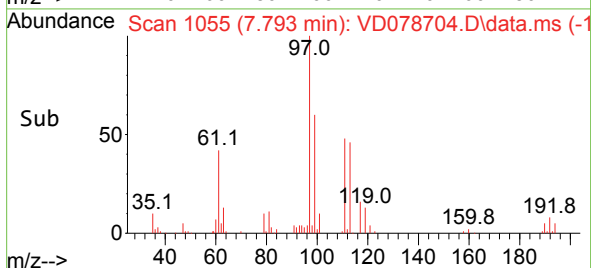
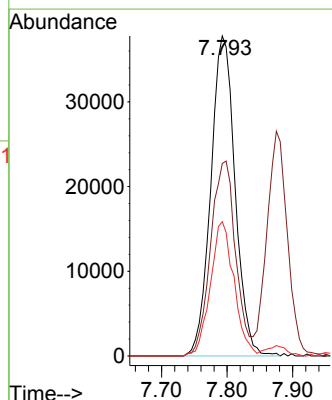
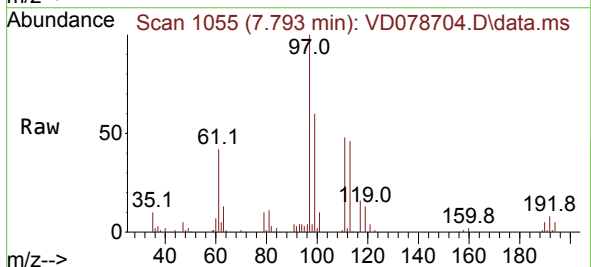
Tgt Ion: 97 Resp: 97193

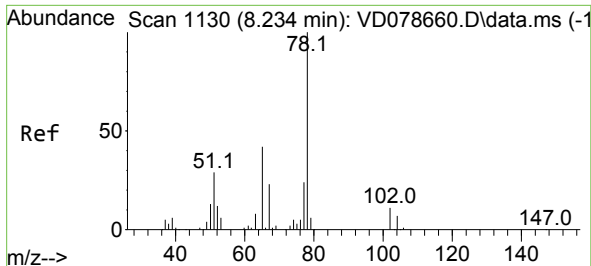
Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 40.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 54.023 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

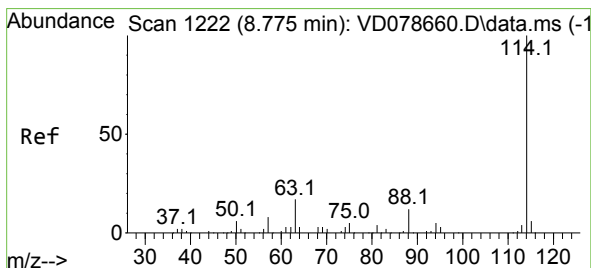
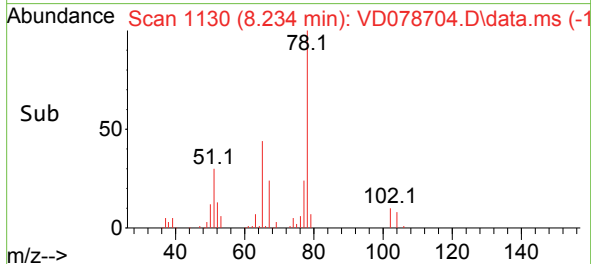
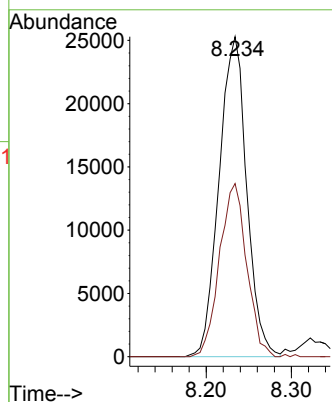
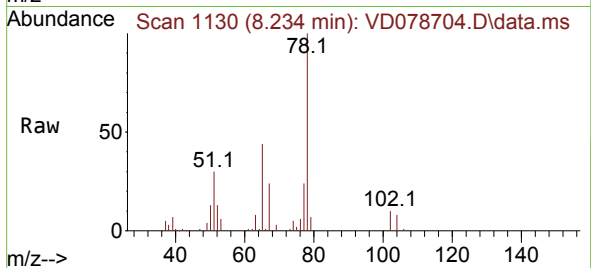
VSTDCCC050EC

Tgt Ion: 65 Resp: 57038

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

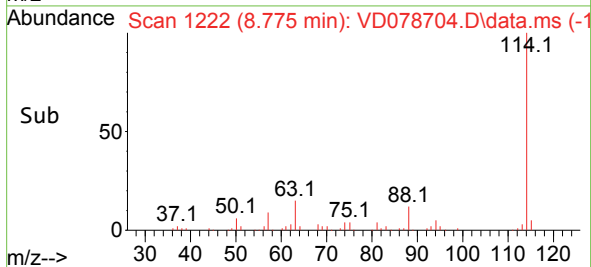
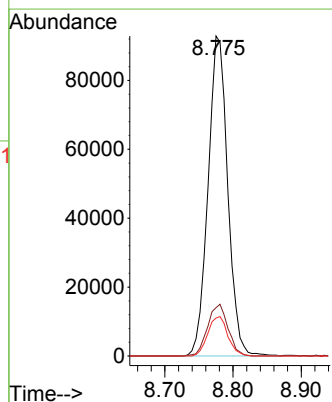
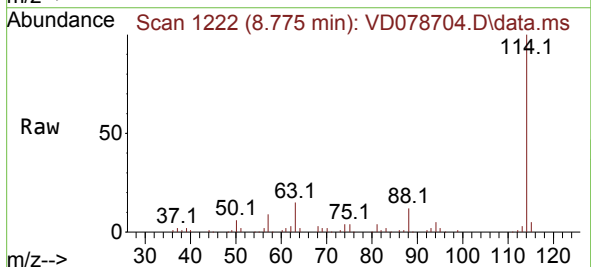
Tgt Ion: 114 Resp: 186629

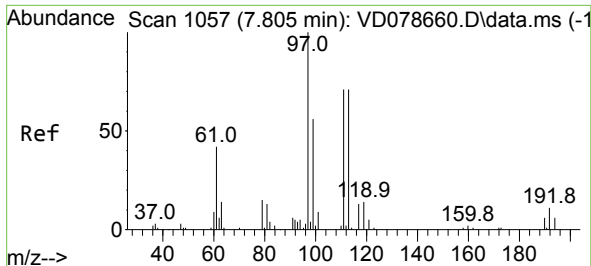
Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.4

88 11.9 0.0 24.6





#35

Dibromofluoromethane

Concen: 52.835 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

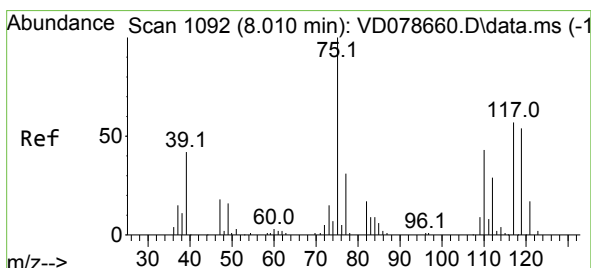
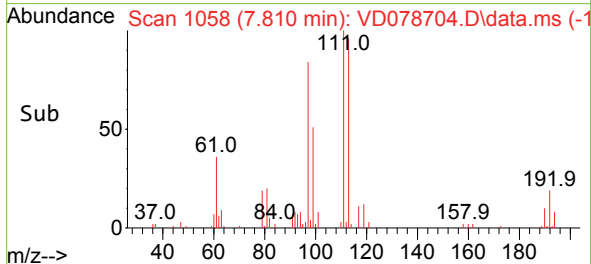
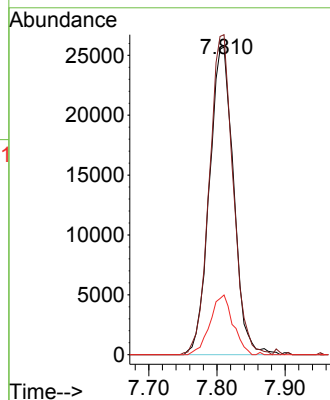
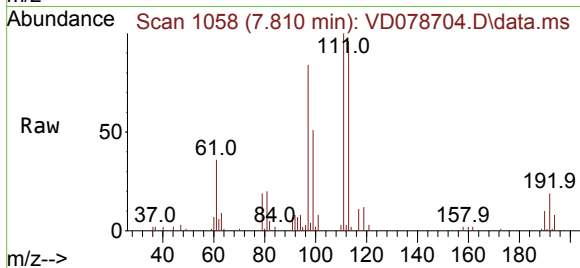
Tgt Ion:113 Resp: 63487

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 18.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 49.182 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

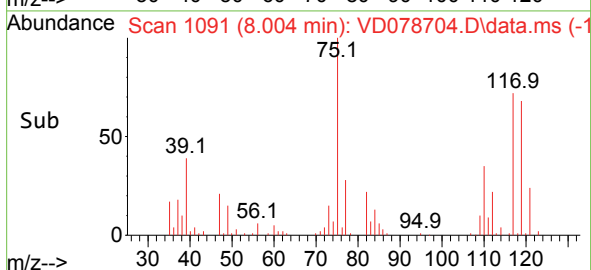
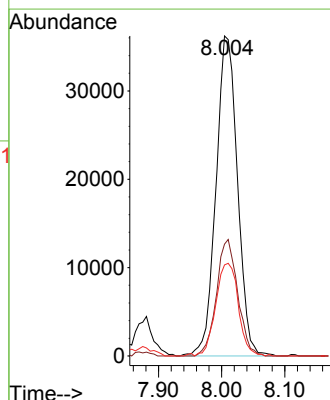
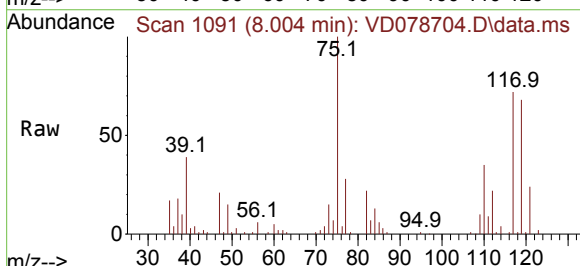
Tgt Ion: 75 Resp: 85746

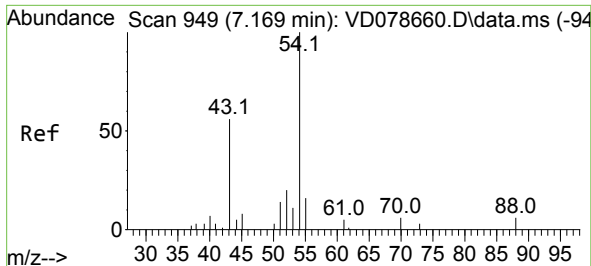
Ion Ratio Lower Upper

75 100

110 36.0 19.1 57.1

77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 51.245 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

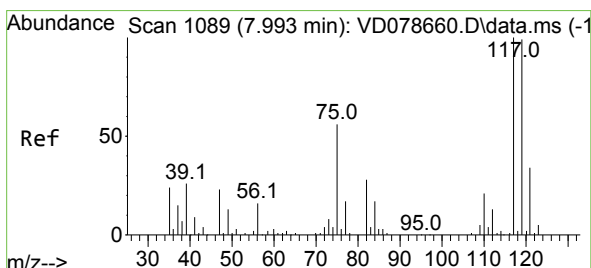
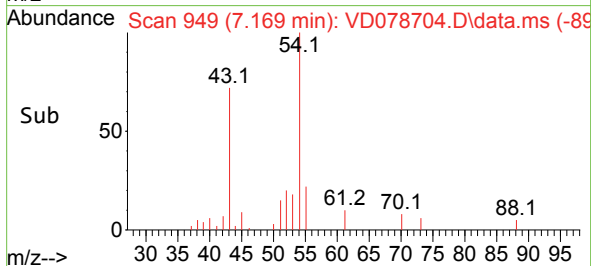
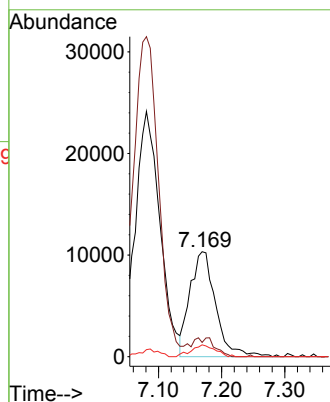
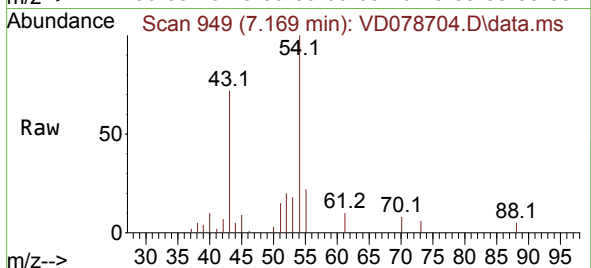
Tgt Ion: 43 Resp: 29187

Ion Ratio Lower Upper

43 100

61 0.0 14.6 21.8#

70 10.4 9.4 14.0



#38

Carbon Tetrachloride

Concen: 47.754 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

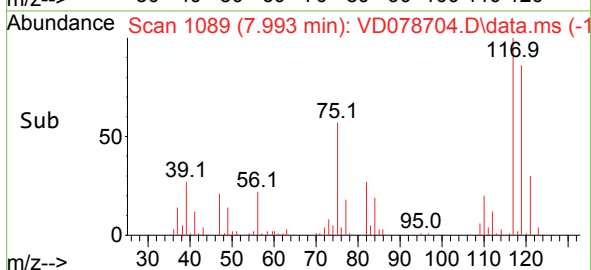
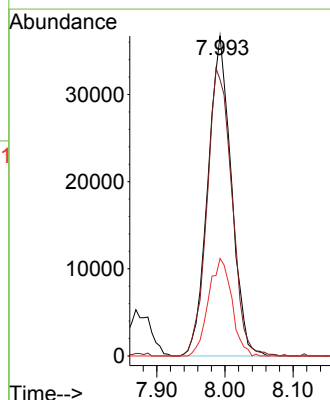
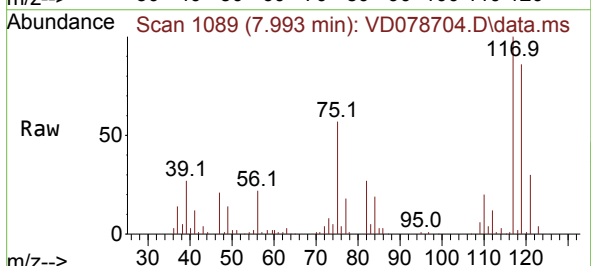
Tgt Ion: 117 Resp: 87773

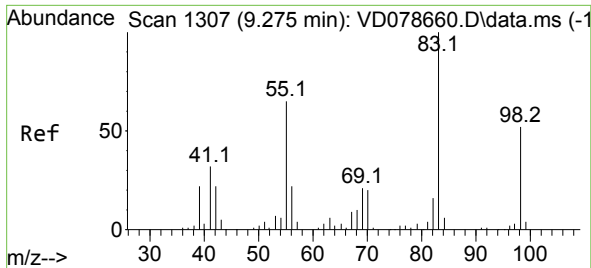
Ion Ratio Lower Upper

117 100

119 86.3 79.2 118.8

121 30.5 26.8 40.2





#39

Methylcyclohexane

Concen: 47.764 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078704.D

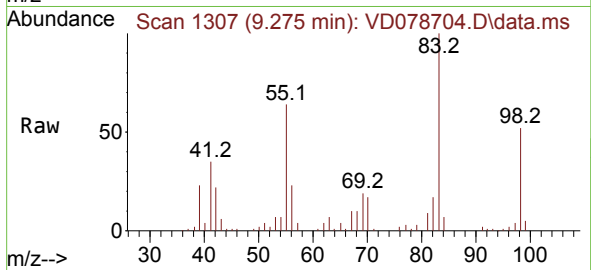
Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



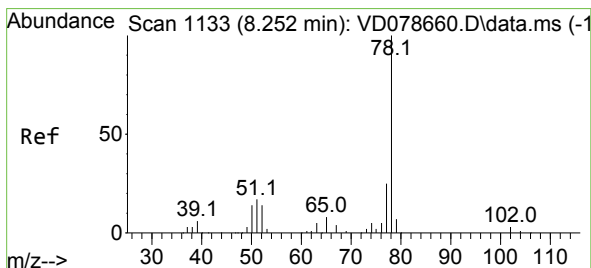
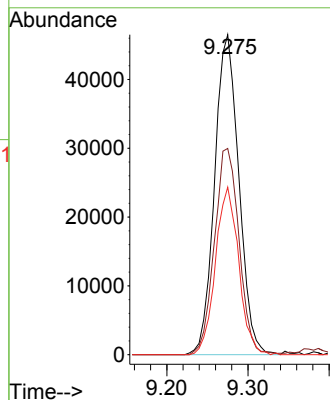
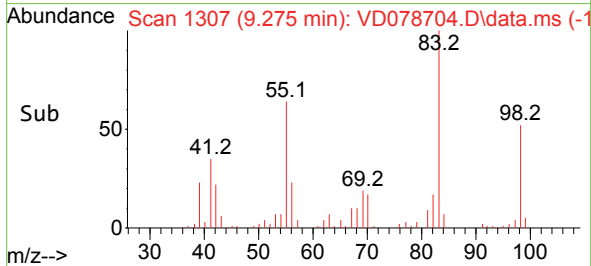
Tgt Ion: 83 Resp: 96601

Ion Ratio Lower Upper

83 100

55 64.4 51.7 77.5

98 52.3 41.4 62.0



#40

Benzene

Concen: 48.856 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078704.D

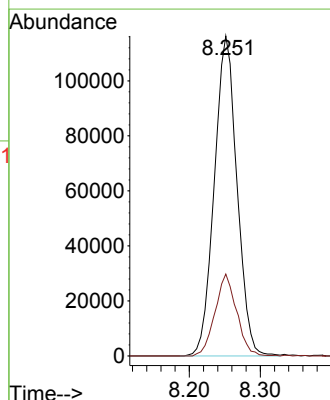
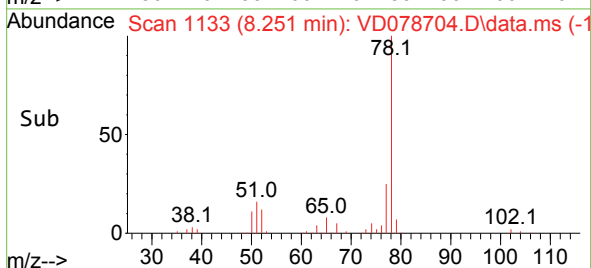
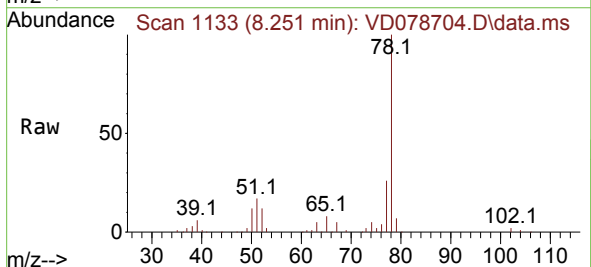
Acq: 18 Mar 2024 18:33

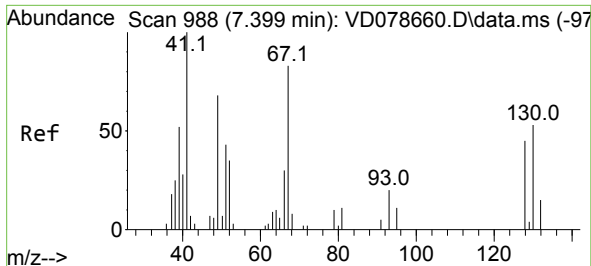
Tgt Ion: 78 Resp: 257481

Ion Ratio Lower Upper

78 100

77 25.6 20.4 30.6

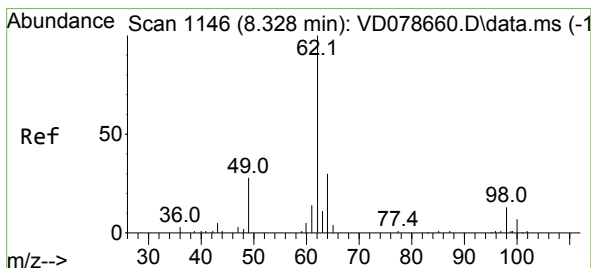
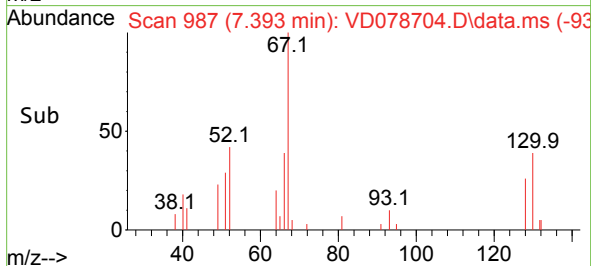
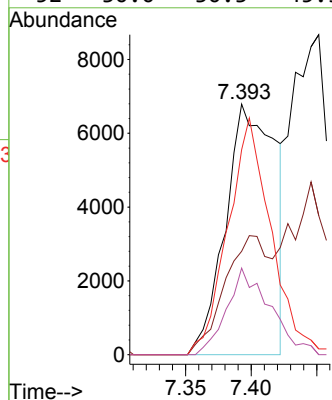
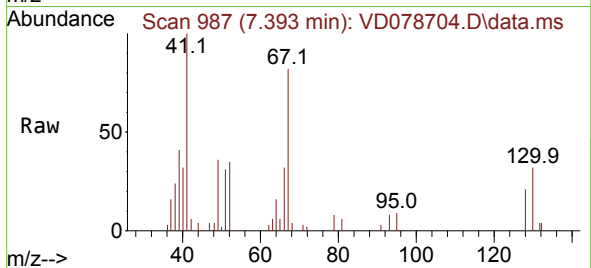




#41
Methacrylonitrile
Concen: 59.931 ug/l
RT: 7.393 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

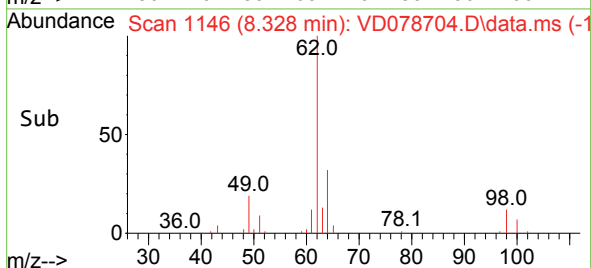
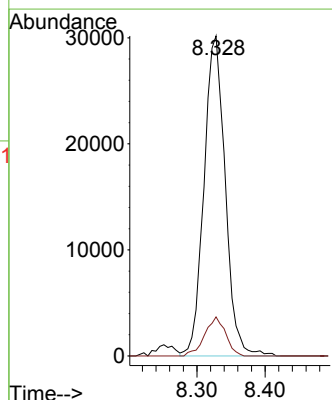
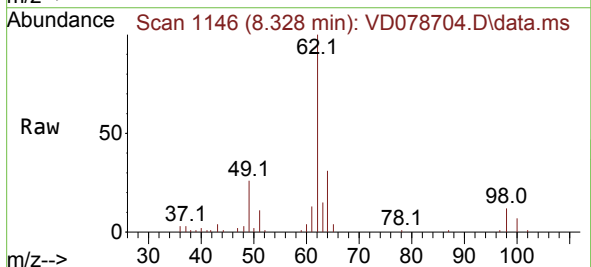
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

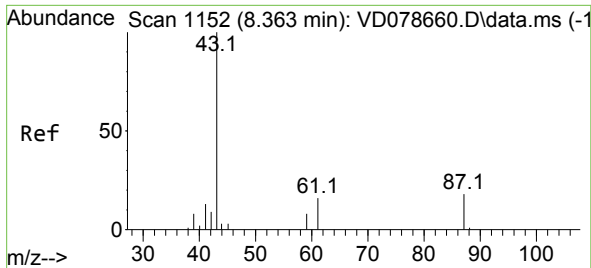
Tgt Ion: 41	Resp: 17888
Ion Ratio	Lower Upper
41 100	
39 43.4	39.8 59.6
67 82.7	83.5 125.3#
52 30.0	30.3 45.5#



#42
1,2-Dichloroethane
Concen: 50.969 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 62	Resp: 65508
Ion Ratio	Lower Upper
62 100	
98 12.0	0.0 23.8

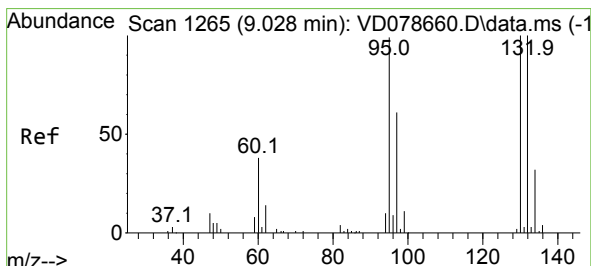
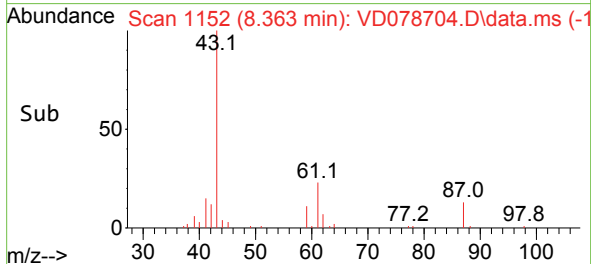
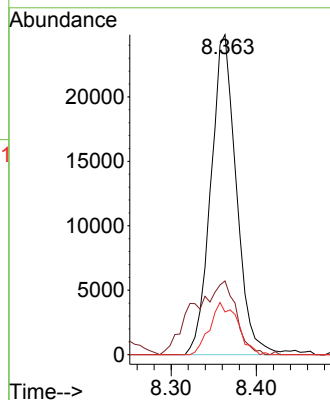
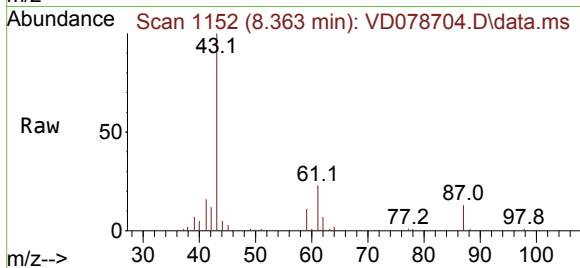




#43
Isopropyl Acetate
Concen: 49.670 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

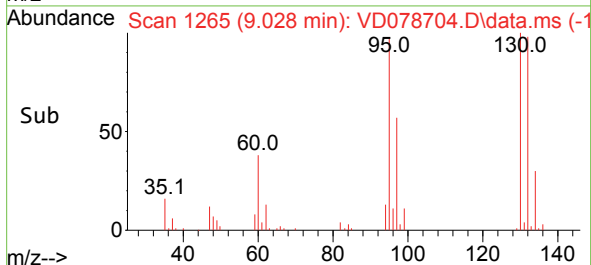
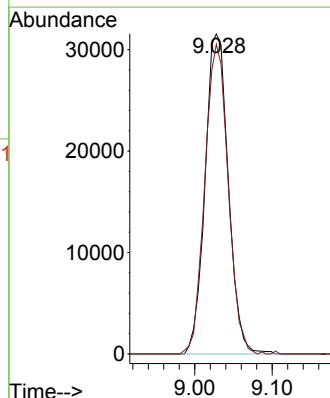
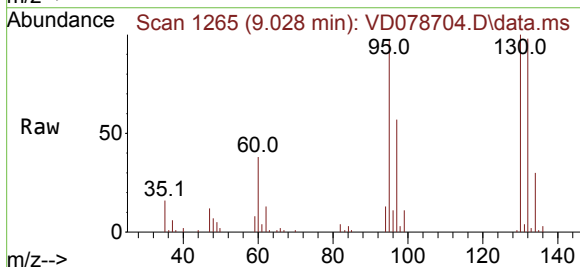
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

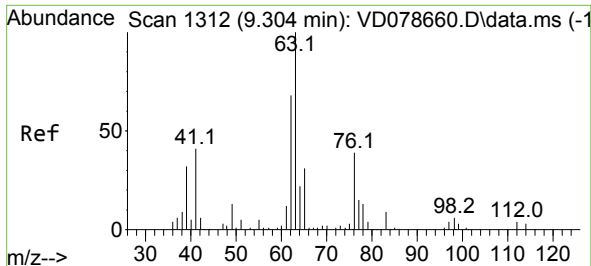
Tgt Ion:	43	Resp:	51449
Ion	Ratio	Lower	Upper
43	100		
61	38.6	30.1	45.1
87	17.8	14.4	21.6



#44
Trichloroethene
Concen: 46.019 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:	130	Resp:	65819
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 49.859 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

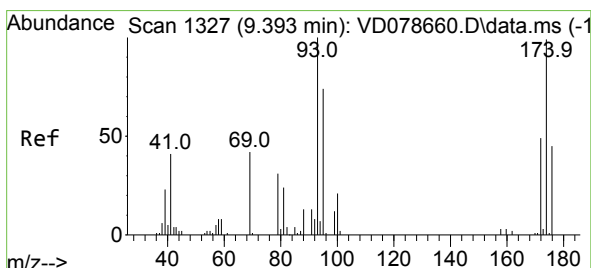
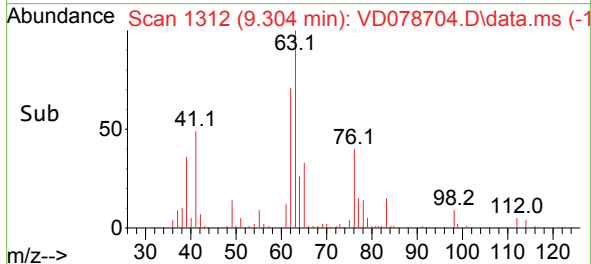
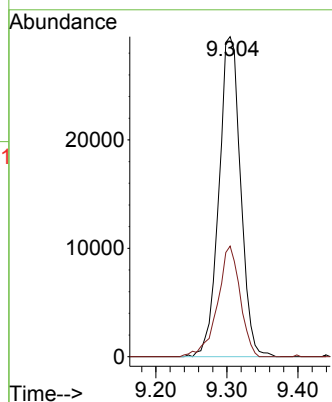
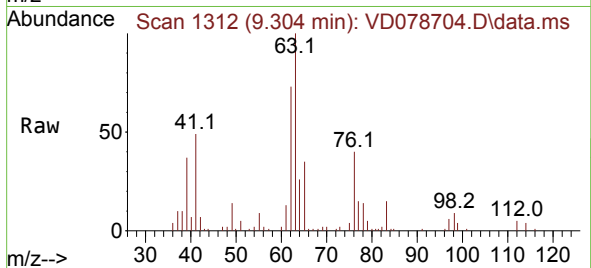
VSTDCCC050EC

Tgt Ion: 63 Resp: 62334

Ion Ratio Lower Upper

63 100

65 34.5 24.8 37.2



#46

Dibromomethane

Concen: 48.746 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

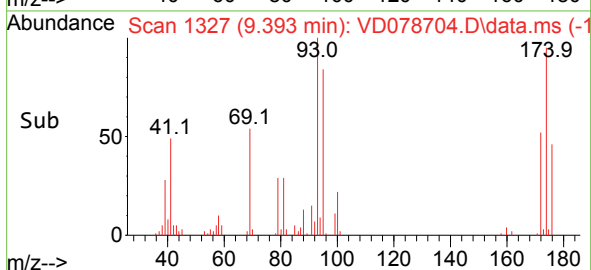
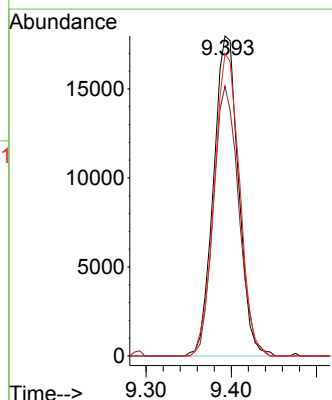
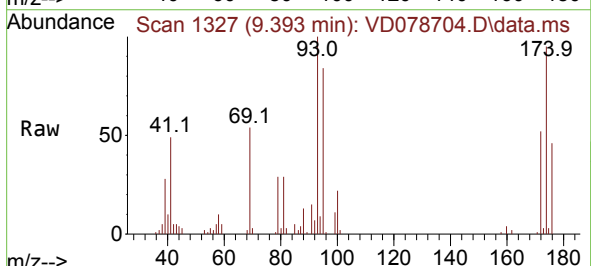
Tgt Ion: 93 Resp: 36532

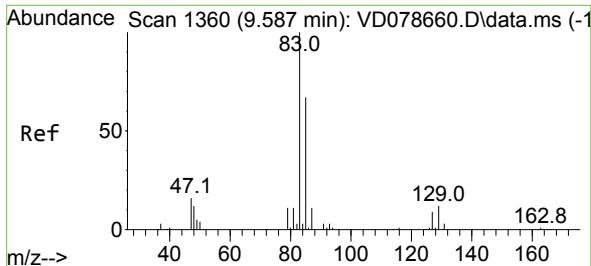
Ion Ratio Lower Upper

93 100

95 85.6 67.3 100.9

174 96.1 80.9 121.3

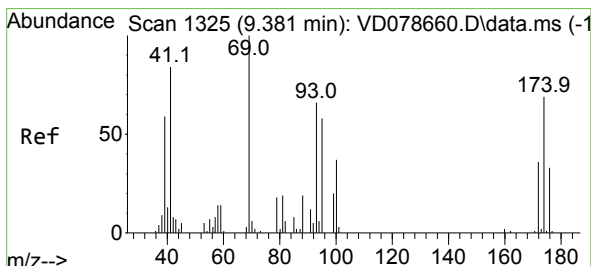
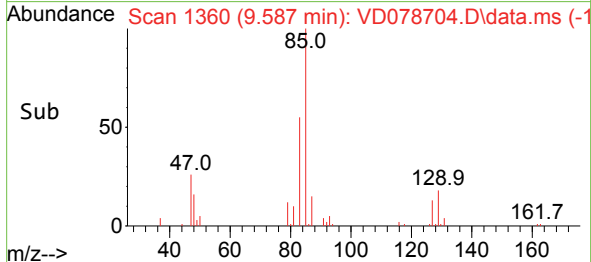
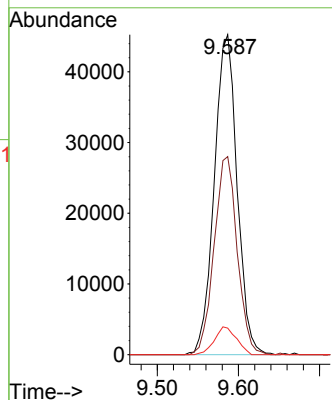
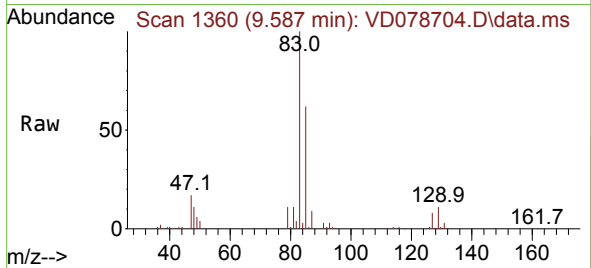




#47
Bromodichloromethane
Concen: 49.609 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

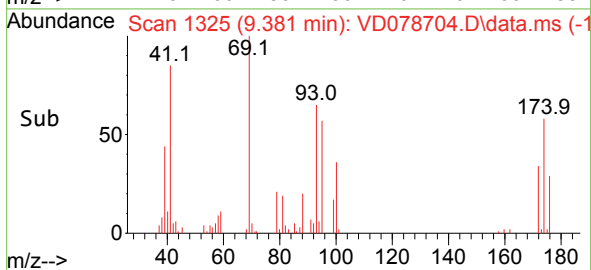
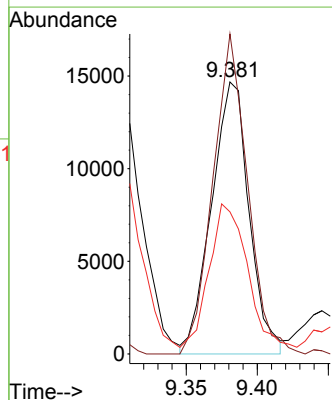
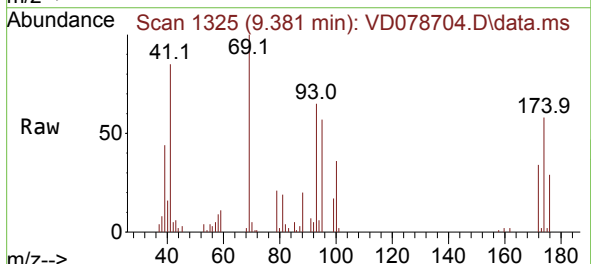
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

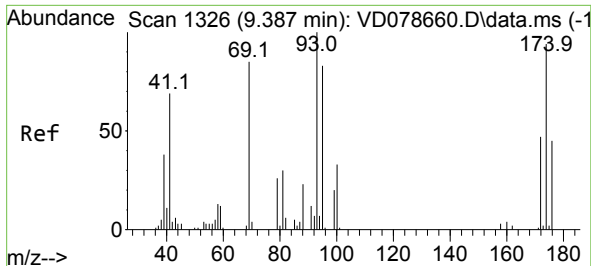
Tgt Ion: 83 Resp: 88507
Ion Ratio Lower Upper
83 100
85 61.9 54.0 81.0
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 53.562 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 41 Resp: 27033
Ion Ratio Lower Upper
41 100
69 108.3 88.3 132.5
39 54.5 46.6 69.8

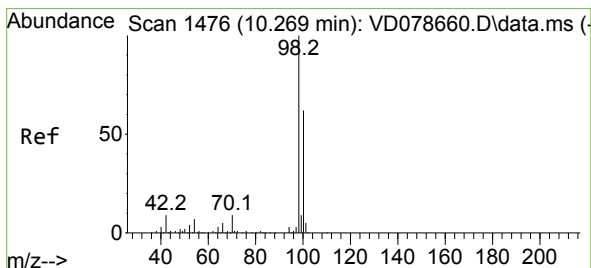
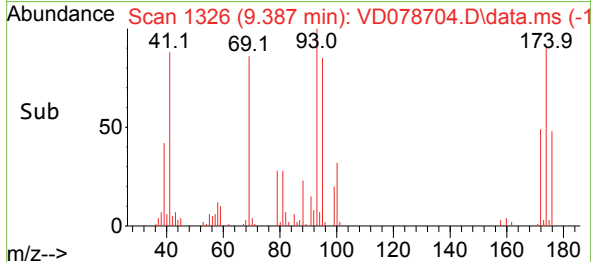
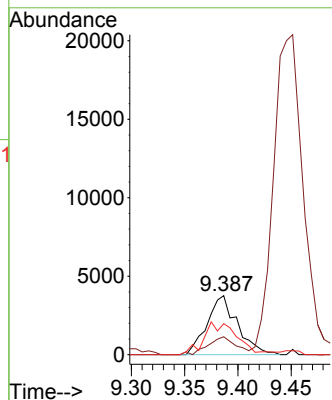
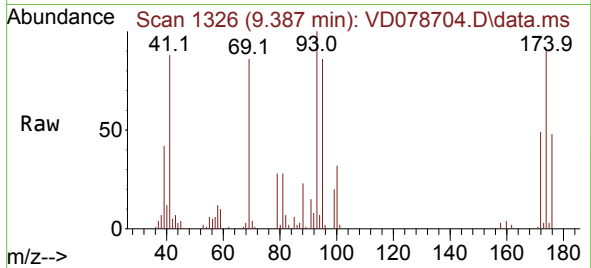




#49
1,4-Dioxane
Concen: 1073.359 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

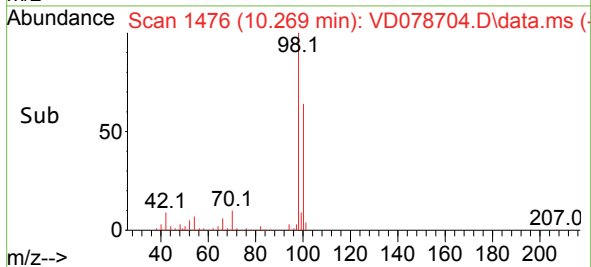
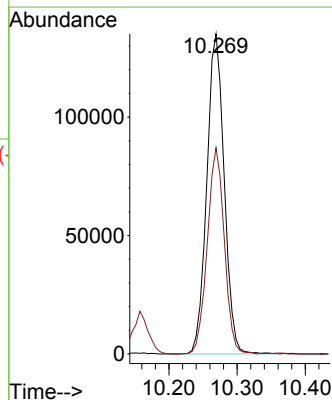
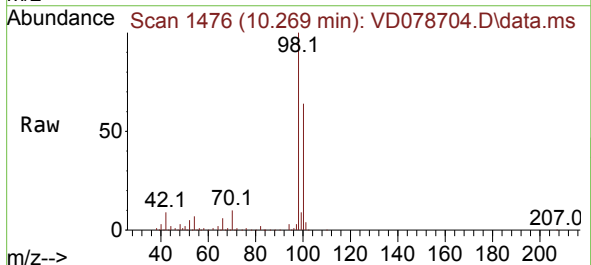
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

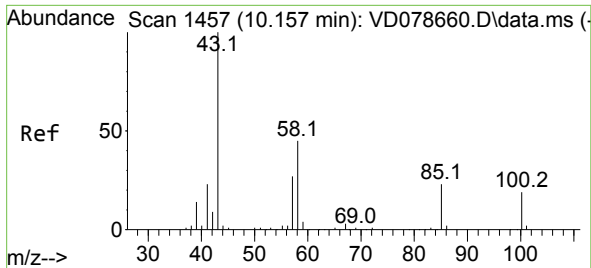
Tgt Ion: 88 Resp: 7448
Ion Ratio Lower Upper
88 100
43 28.3 23.2 34.8
58 61.6 51.0 76.6



#50
Toluene-d8
Concen: 54.342 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 98 Resp: 240146
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

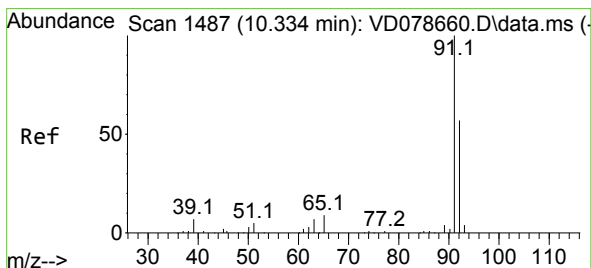
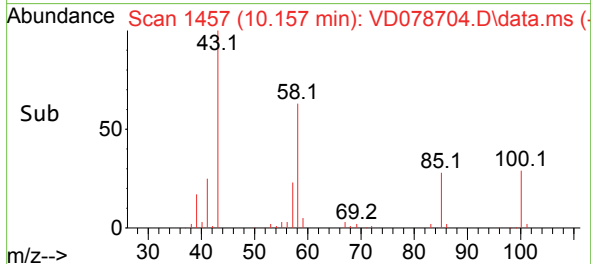
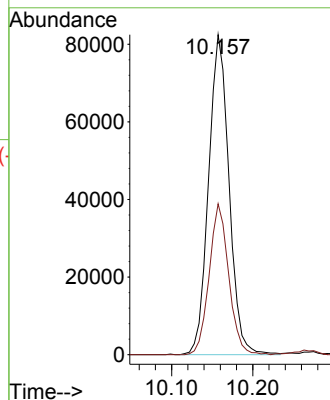
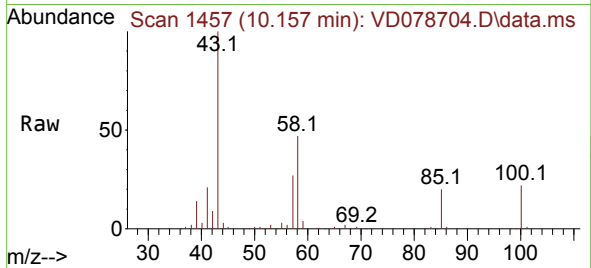




#51
4-Methyl-2-Pentanone
Concen: 266.403 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

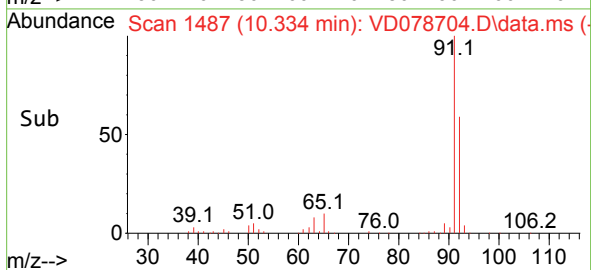
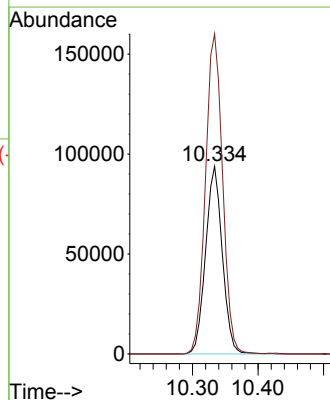
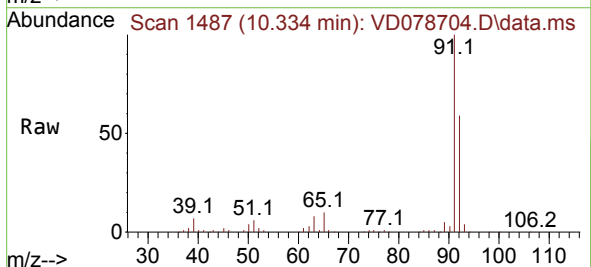
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

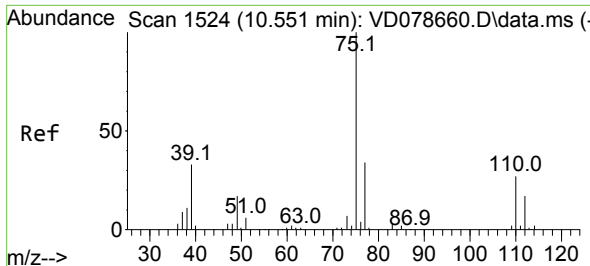
Tgt Ion: 43 Resp: 144261
Ion Ratio Lower Upper
43 100
58 45.0 36.4 54.6



#52
Toluene
Concen: 49.118 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 92 Resp: 166661
Ion Ratio Lower Upper
92 100
91 174.6 136.6 205.0

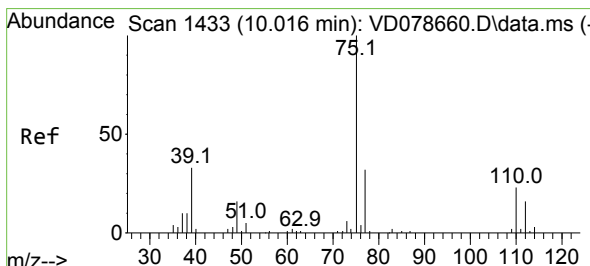
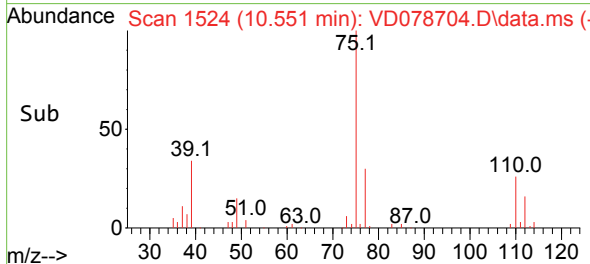
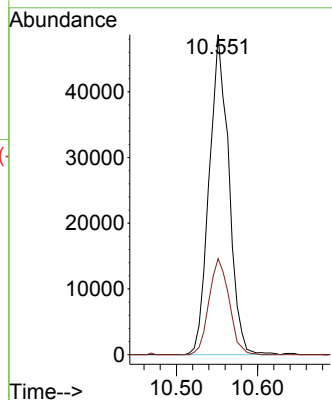
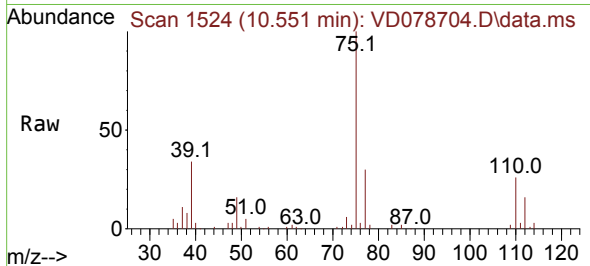




#53
t-1,3-Dichloropropene
Concen: 50.161 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

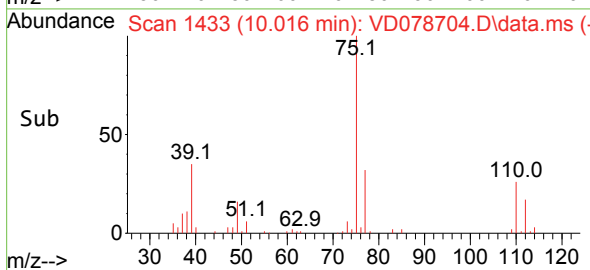
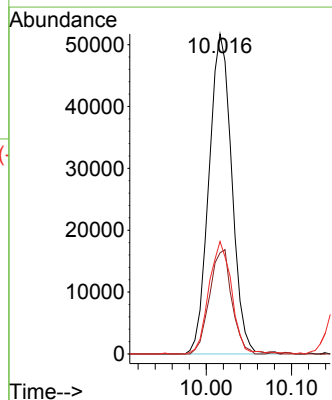
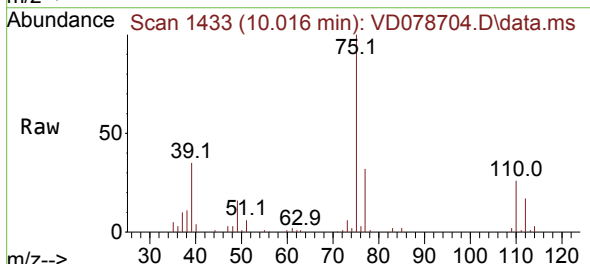
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

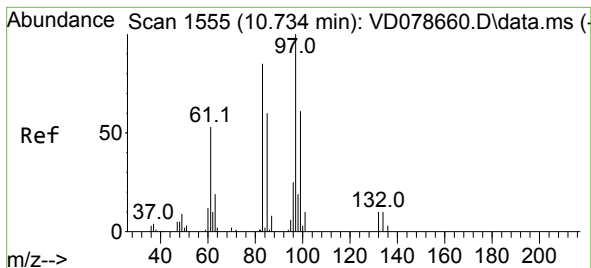
Tgt Ion: 75 Resp: 81824
Ion Ratio Lower Upper
75 100
77 30.0 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 49.040 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 75 Resp: 96166
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 35.2 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 50.825 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 51007

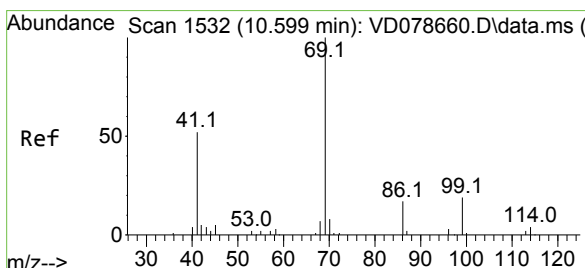
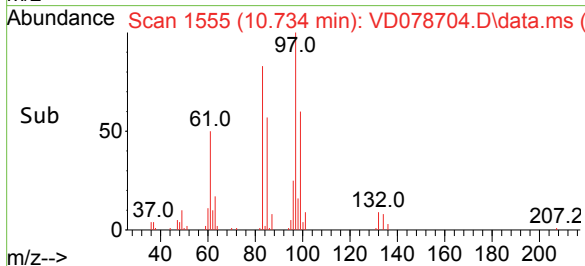
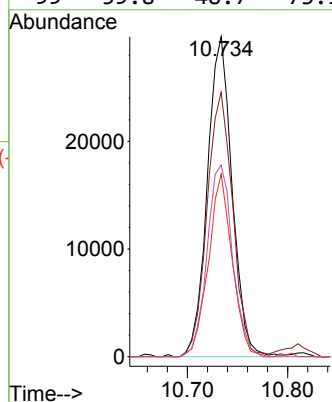
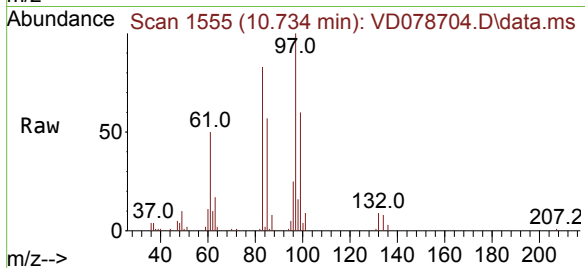
Ion Ratio Lower Upper

97 100

83 82.7 68.1 102.1

85 57.1 48.2 72.2

99 59.8 48.7 73.1



#56

Ethyl methacrylate

Concen: 51.321 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

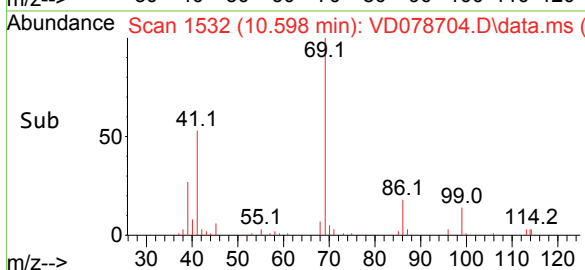
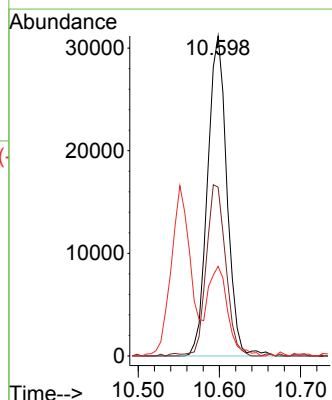
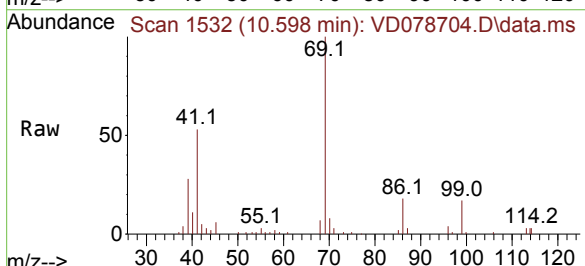
Tgt Ion: 69 Resp: 51633

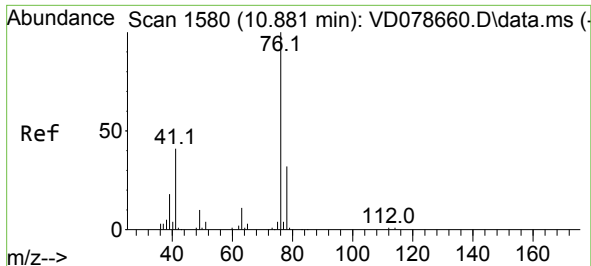
Ion Ratio Lower Upper

69 100

41 53.6 40.9 61.3

39 27.4 25.5 38.3





#57

1,3-Dichloropropane

Concen: 49.366 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

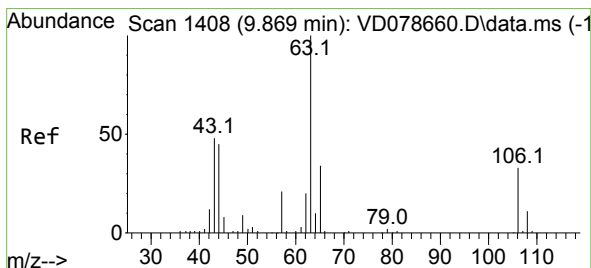
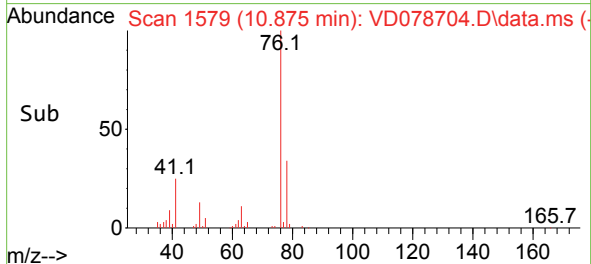
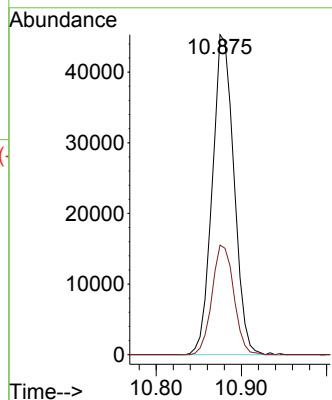
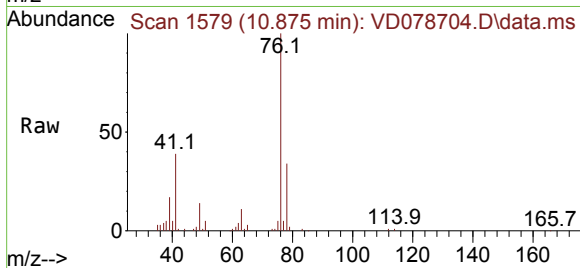
VSTDCCC050EC

Tgt Ion: 76 Resp: 79941

Ion Ratio Lower Upper

76 100

78 34.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 286.540 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078704.D

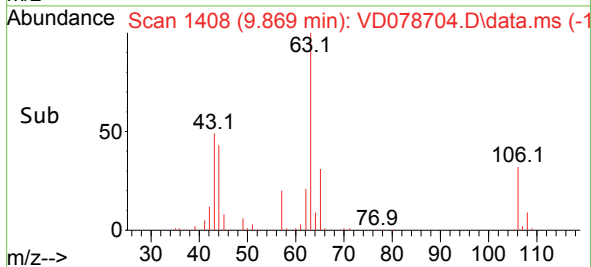
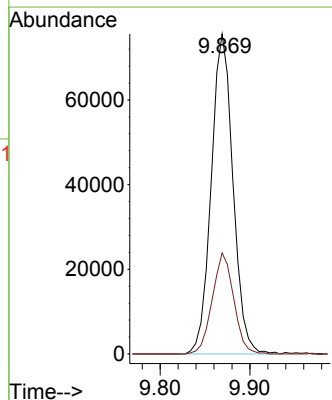
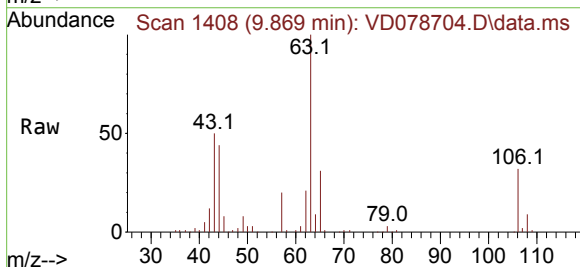
Acq: 18 Mar 2024 18:33

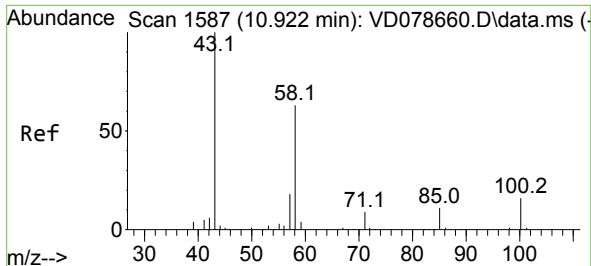
Tgt Ion: 63 Resp: 127114

Ion Ratio Lower Upper

63 100

106 31.1 25.2 37.8

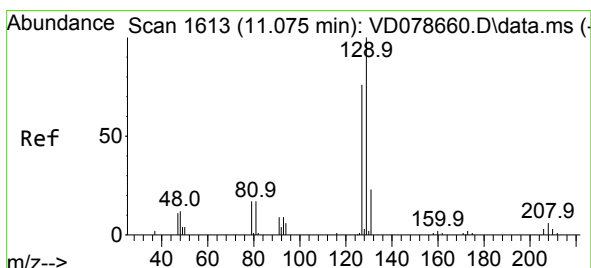
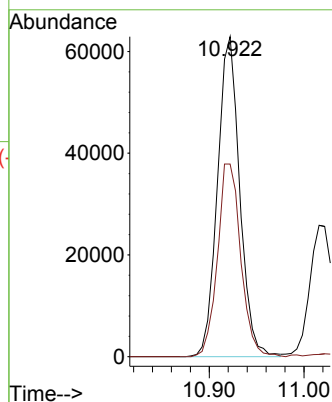
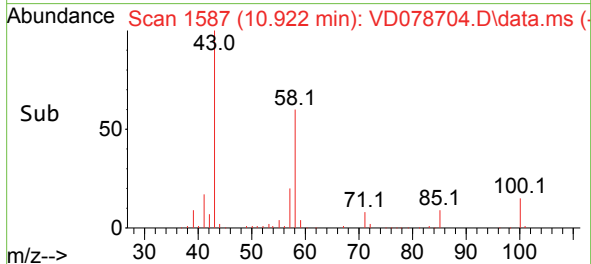
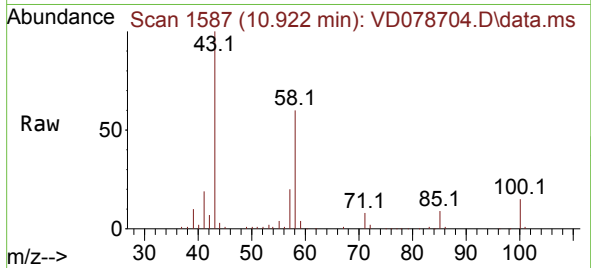




#59
2-Hexanone
Concen: 255.707 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

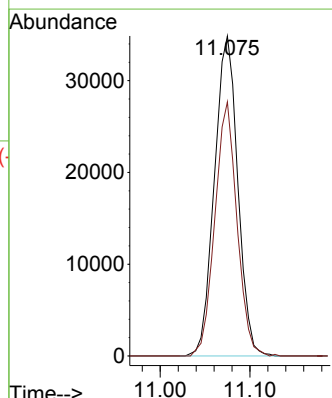
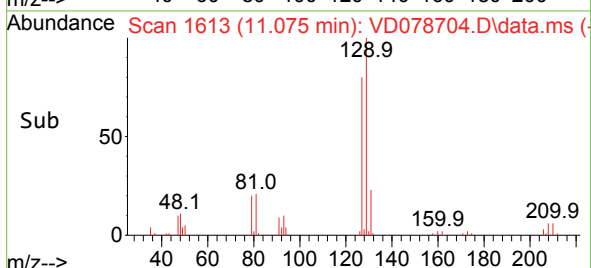
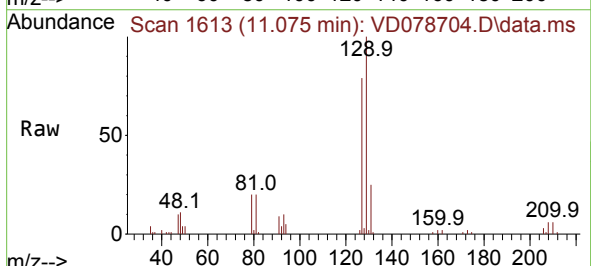
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

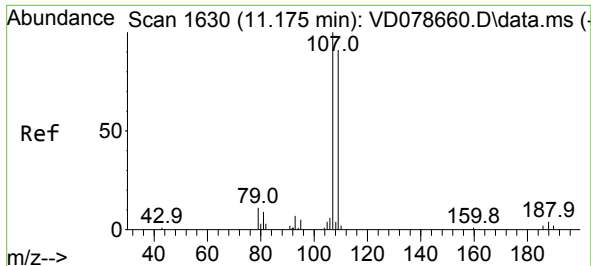
Tgt Ion: 43 Resp: 102648
Ion Ratio Lower Upper
43 100
58 63.0 31.5 94.5



#60
Dibromochloromethane
Concen: 50.822 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 129 Resp: 62900
Ion Ratio Lower Upper
129 100
127 75.3 38.8 116.3

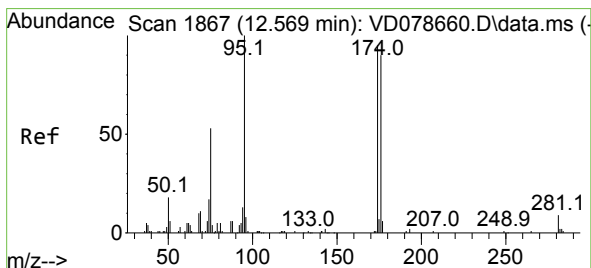
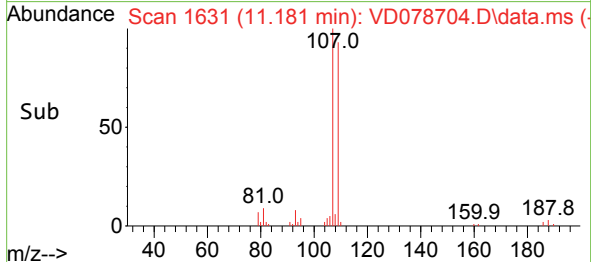
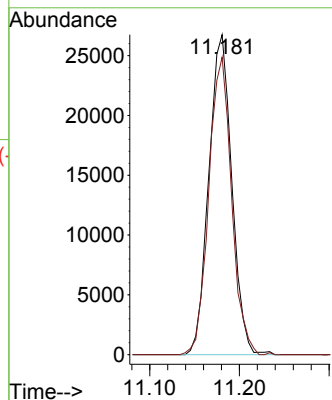
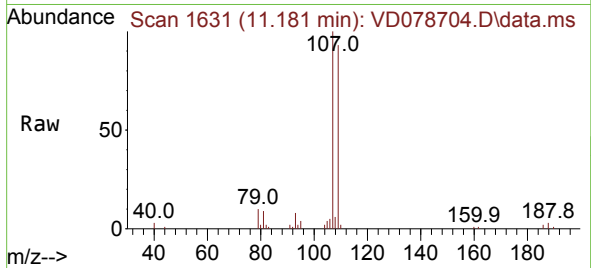




#61
1,2-Dibromoethane
Concen: 49.041 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

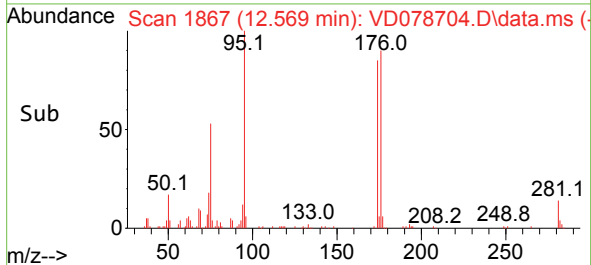
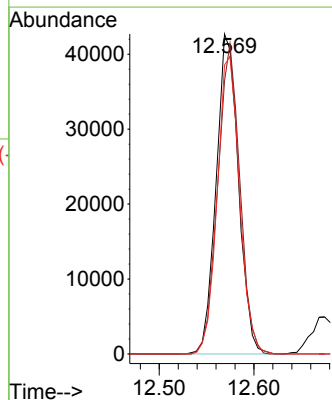
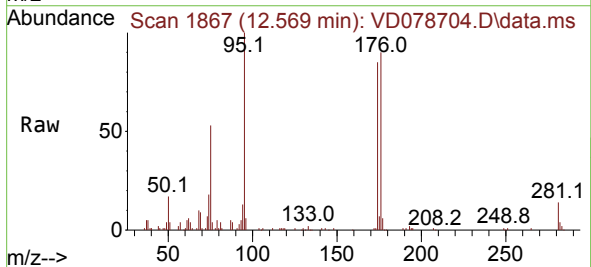
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

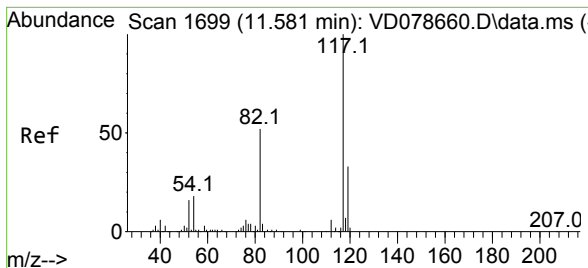
Tgt Ion:107 Resp: 47630
Ion Ratio Lower Upper
107 100
109 91.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.909 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 95 Resp: 69696
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.2
176 93.3 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: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

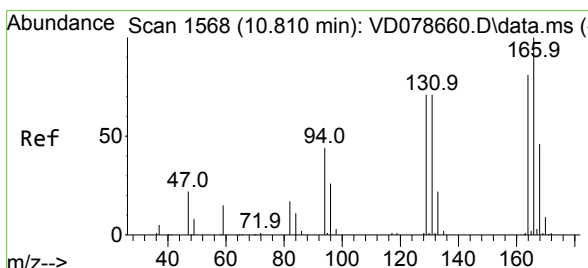
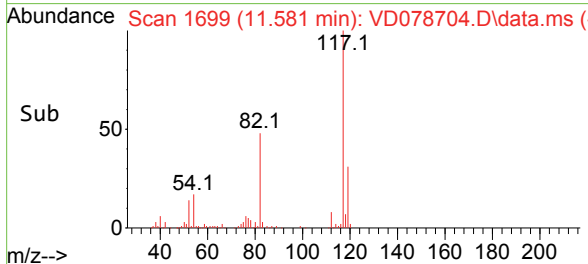
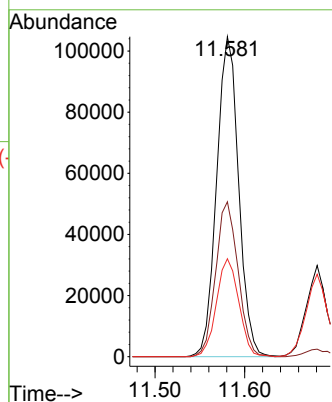
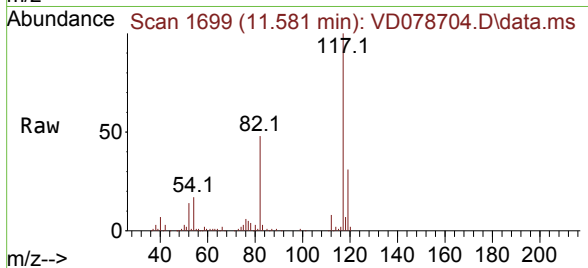
Tgt Ion:117 Resp: 178321

Ion Ratio Lower Upper

117 100

82 48.4 41.4 62.2

119 30.6 26.5 39.7



#64

Tetrachloroethene

Concen: 48.722 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Tgt Ion:164 Resp: 57495

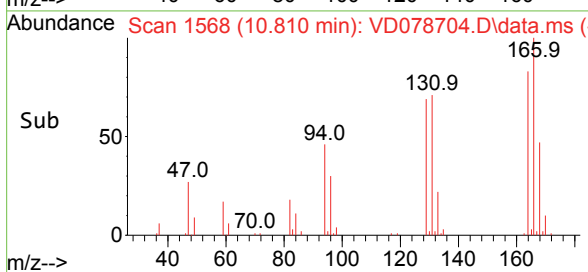
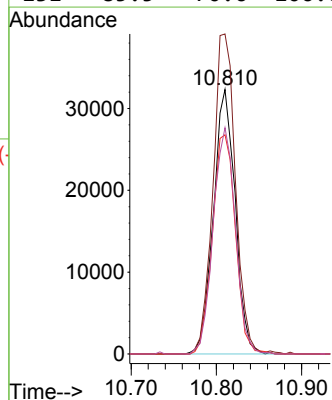
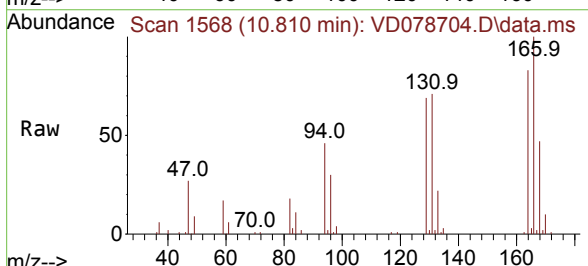
Ion Ratio Lower Upper

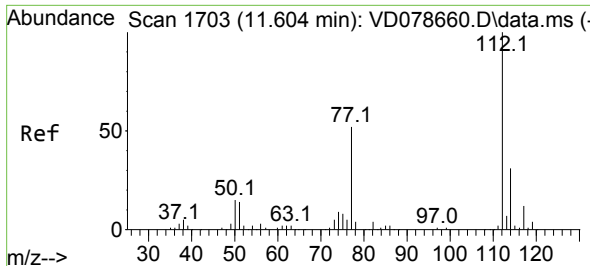
164 100

166 121.0 98.9 148.3

129 82.9 70.3 105.5

131 85.5 70.6 106.0

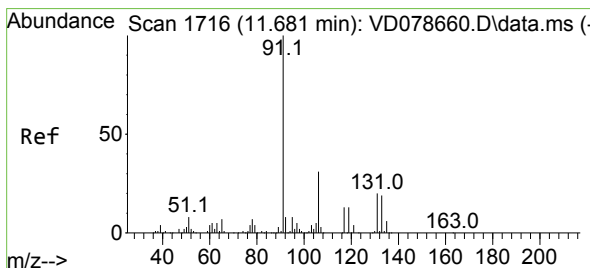
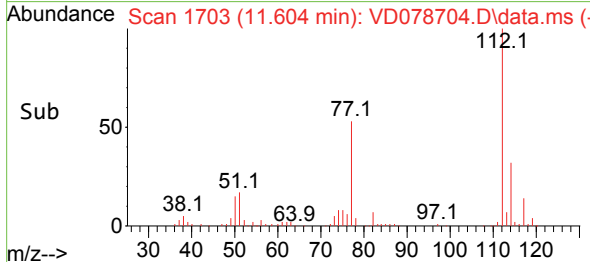
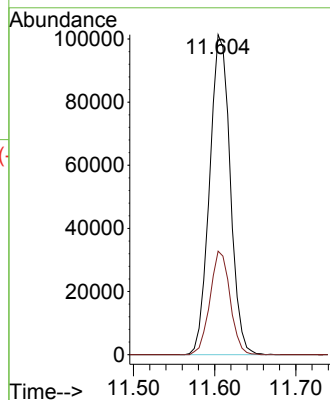
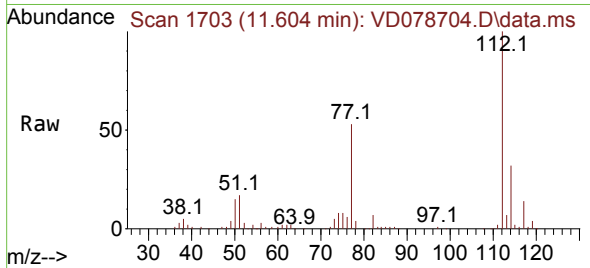




#65
Chlorobenzene
Concen: 47.975 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

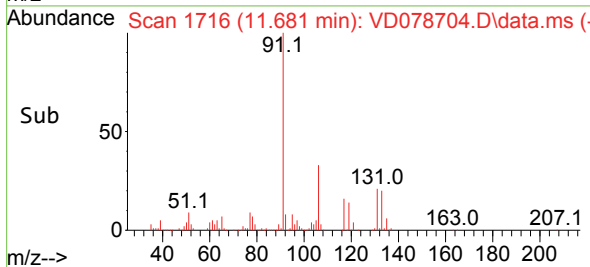
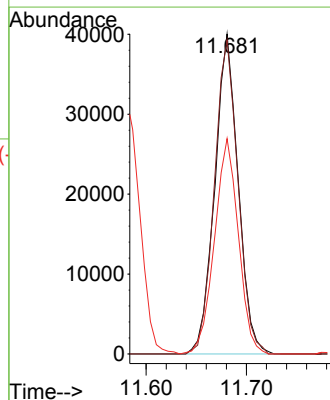
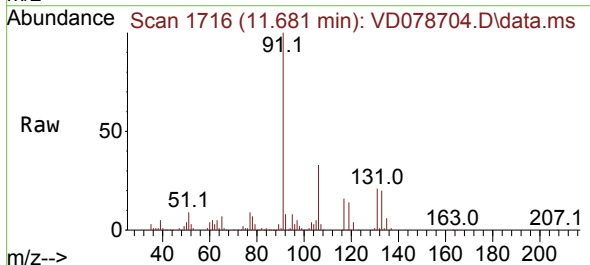
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

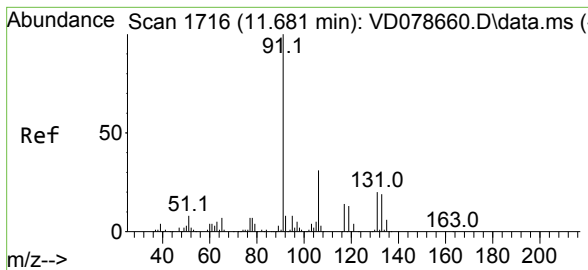
Tgt Ion:112 Resp: 178772
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.510 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:131 Resp: 64836
Ion Ratio Lower Upper
131 100
133 99.0 47.6 142.9
119 68.7 34.1 102.3

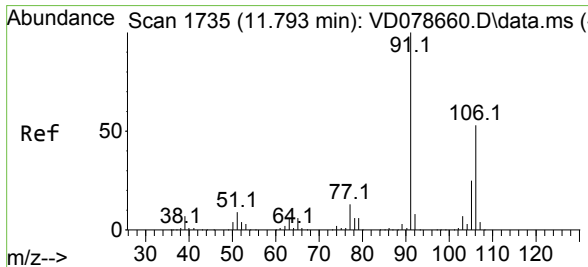
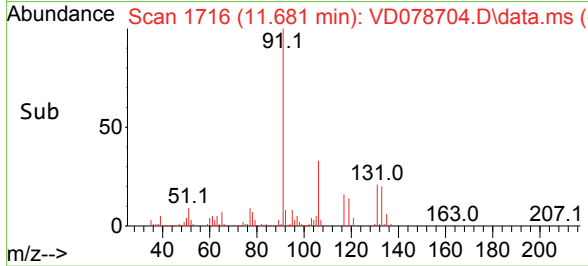
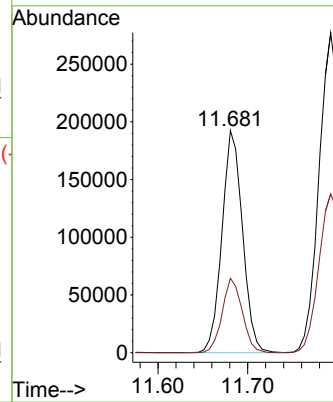
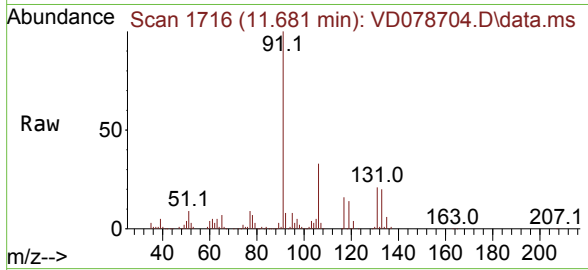




#67
Ethyl Benzene
Concen: 48.263 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

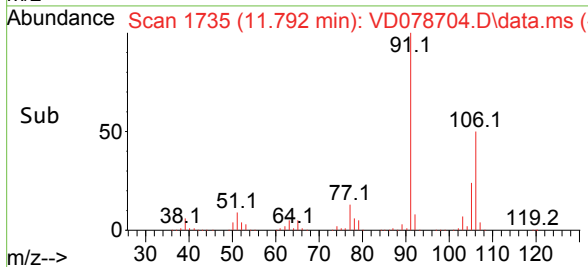
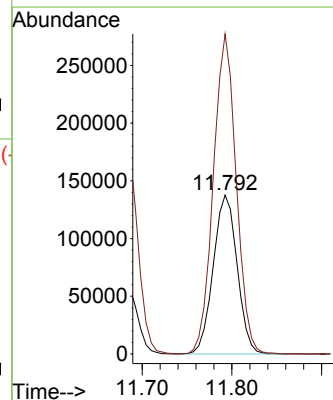
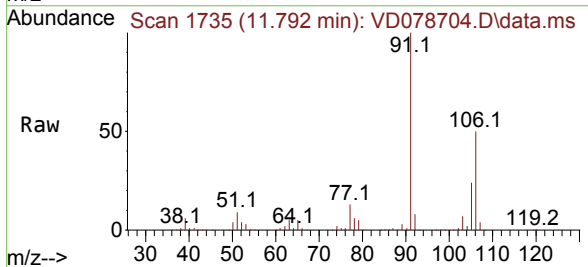
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

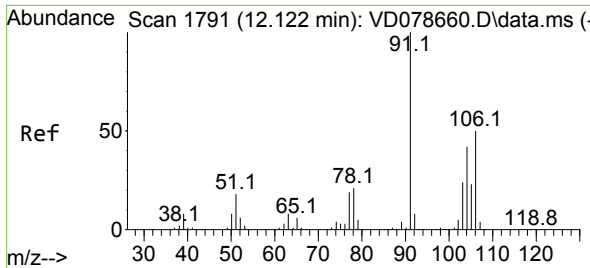
Tgt Ion: 91 Resp: 306470
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 98.489 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 106 Resp: 253956
Ion Ratio Lower Upper
106 100
91 193.5 154.4 231.6

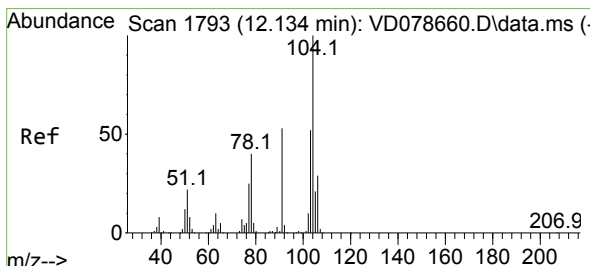
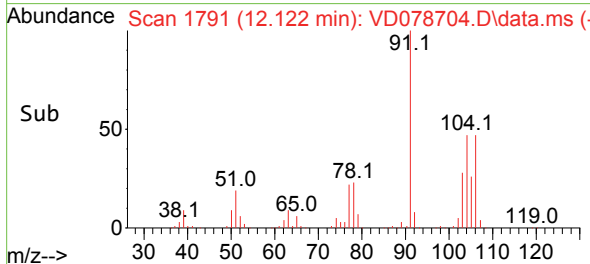
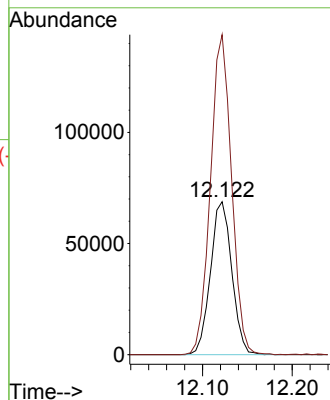
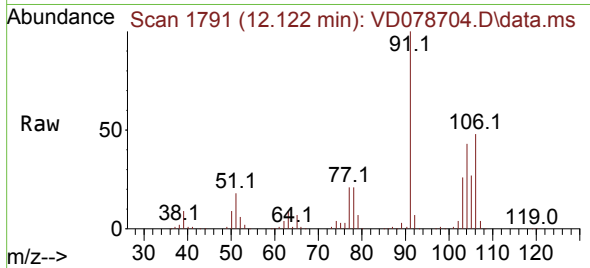




#69
o-Xylene
Concen: 47.658 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

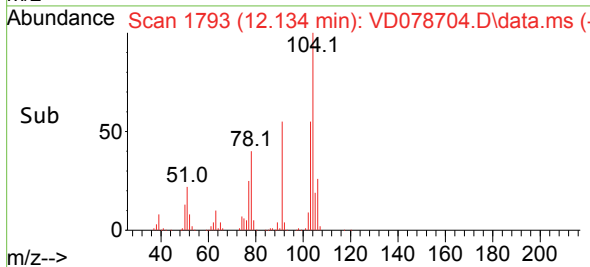
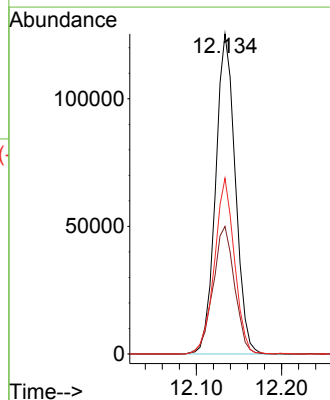
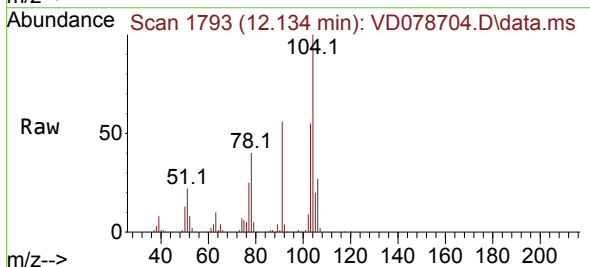
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

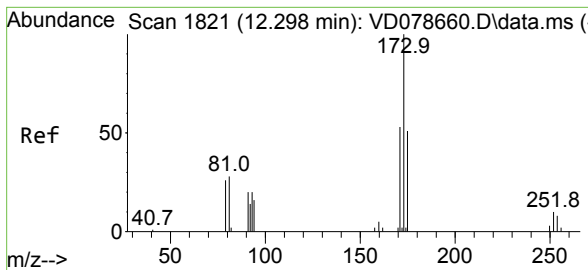
Tgt Ion:106 Resp: 113700
Ion Ratio Lower Upper
106 100
91 206.7 99.6 298.7



#70
Styrene
Concen: 50.263 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:104 Resp: 201271
Ion Ratio Lower Upper
104 100
78 43.5 34.6 52.0
103 55.7 44.2 66.2

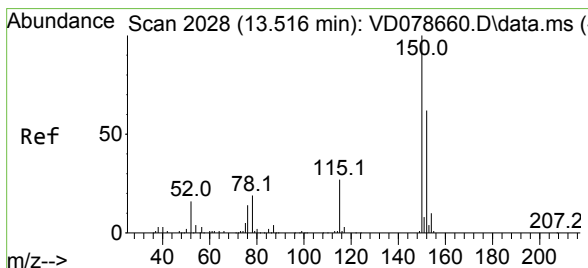
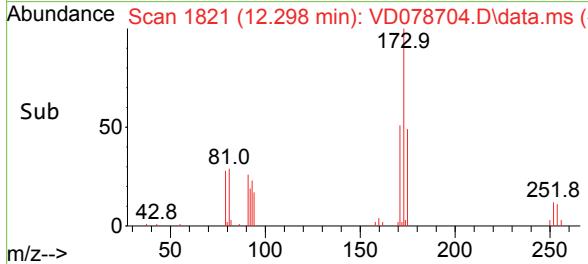
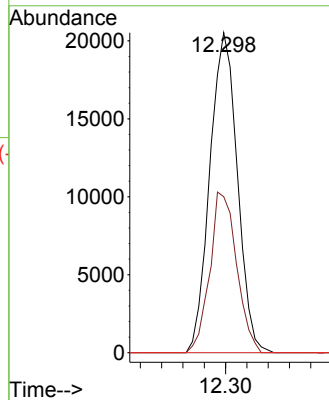
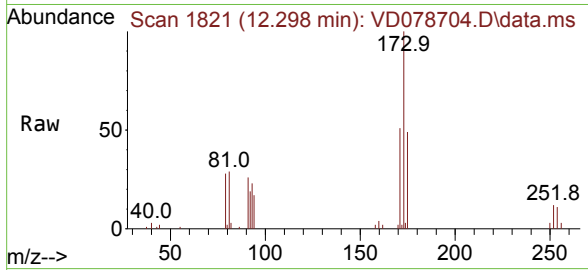




#71
Bromoform
Concen: 49.827 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

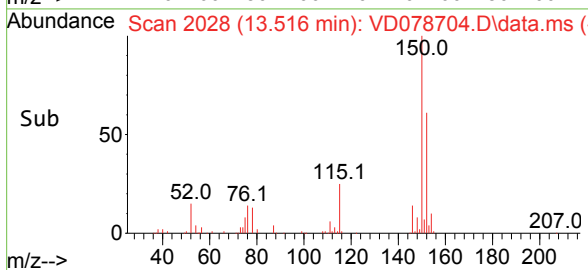
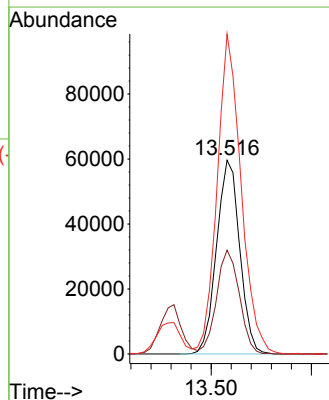
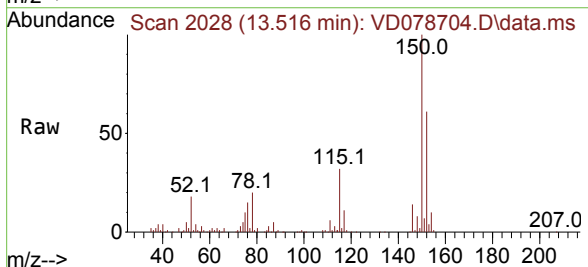
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

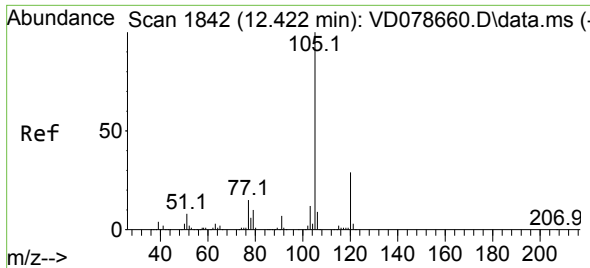
Tgt Ion:173 Resp: 36748
Ion Ratio Lower Upper
173 100
175 48.9 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:152 Resp: 95521
Ion Ratio Lower Upper
152 100
115 52.7 27.1 81.2
150 170.8 0.0 350.2

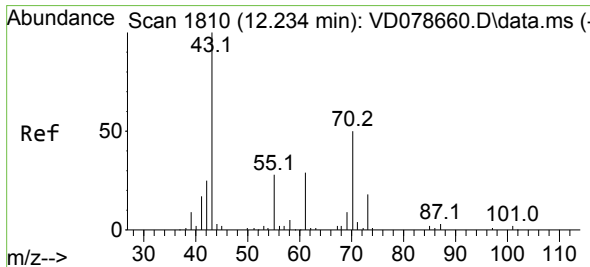
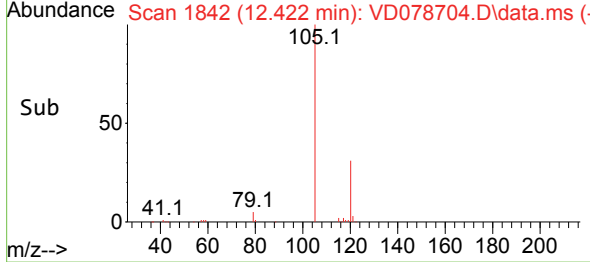
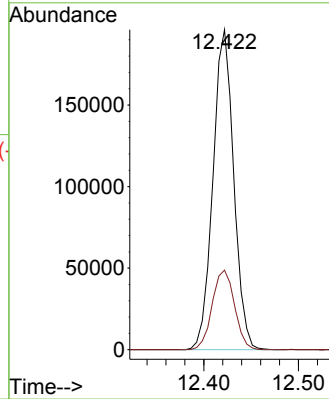
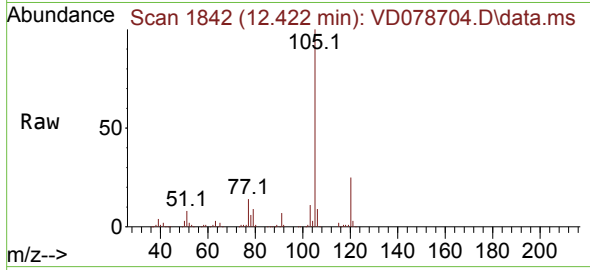




#73
Isopropylbenzene
Concen: 47.573 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

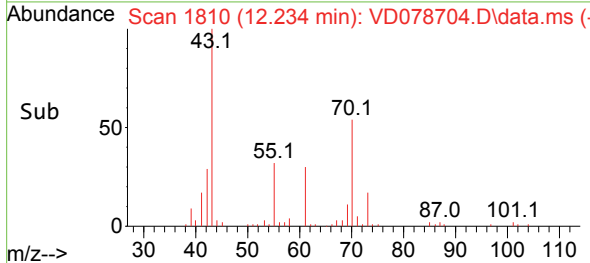
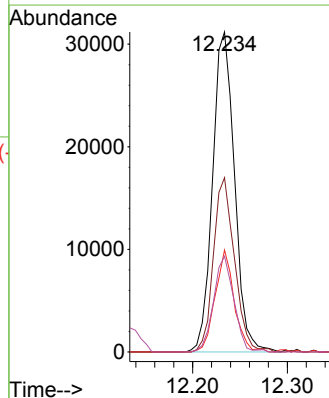
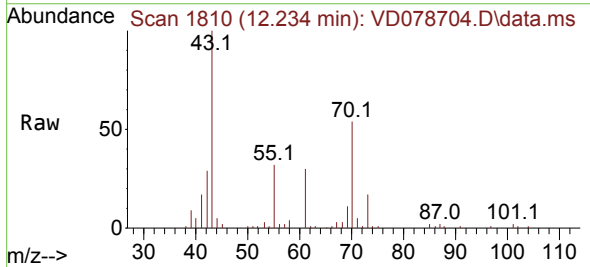
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

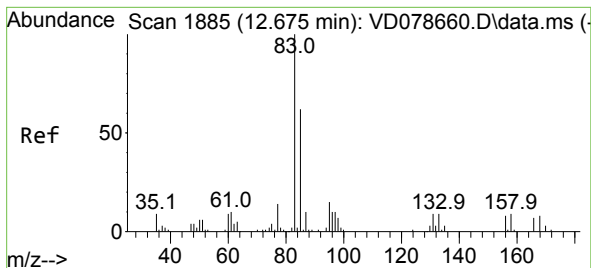
Tgt Ion:105 Resp: 299194
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



#74
N-ethyl acetate
Concen: 49.154 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 43 Resp: 50191
Ion Ratio Lower Upper
43 100
70 52.3 42.1 63.1
55 27.9 22.6 33.8
61 27.7 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.449 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

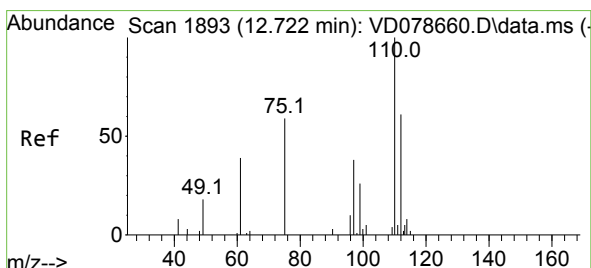
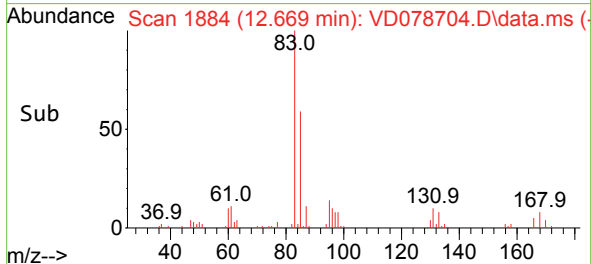
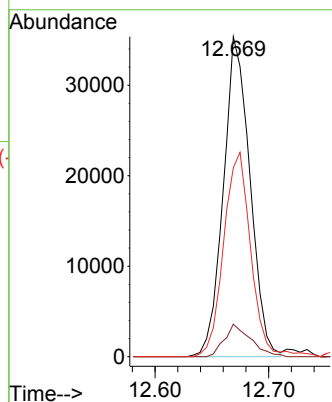
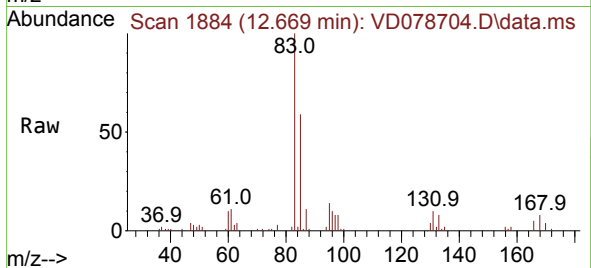
Tgt Ion: 83 Resp: 57570

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 65.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 89.067 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078704.D

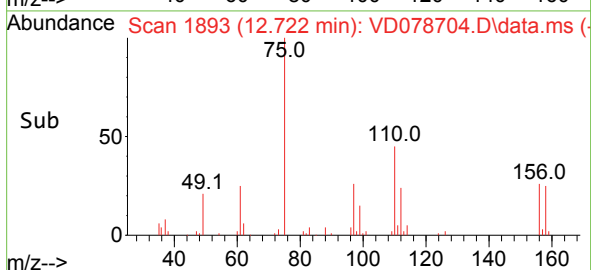
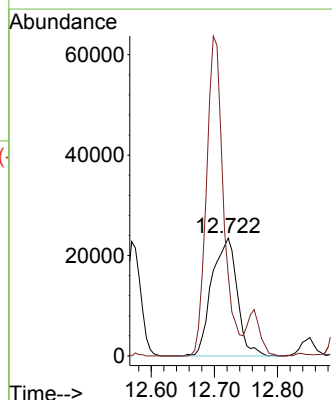
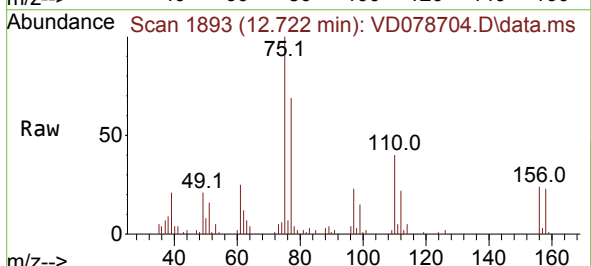
Acq: 18 Mar 2024 18:33

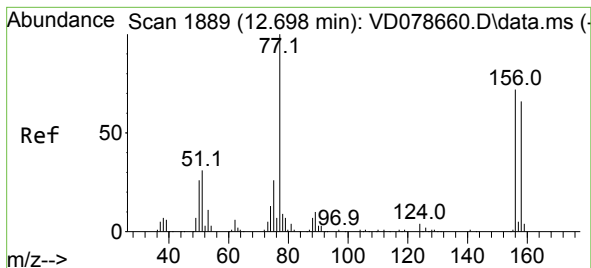
Tgt Ion: 75 Resp: 65547

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.973 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

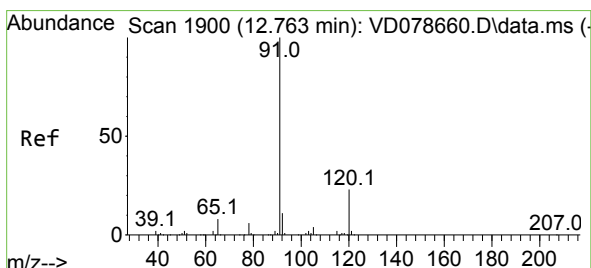
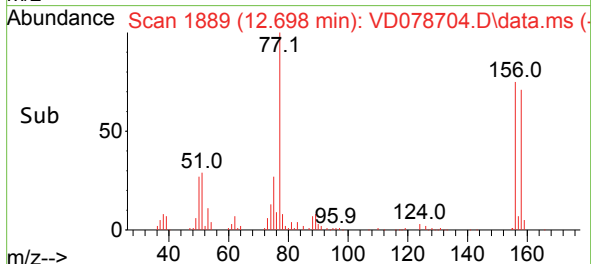
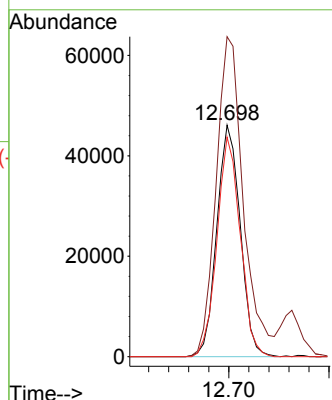
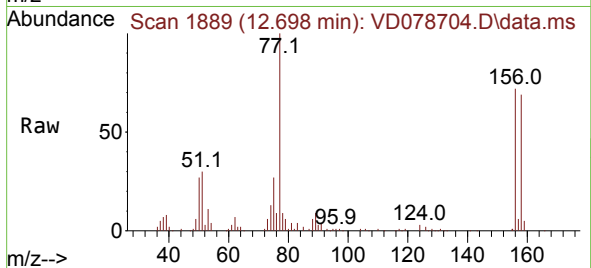
Tgt Ion:156 Resp: 74823

Ion Ratio Lower Upper

156 100

77 160.4 79.1 237.3

158 94.4 47.0 141.0



#78

n-propylbenzene

Concen: 48.623 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078704.D

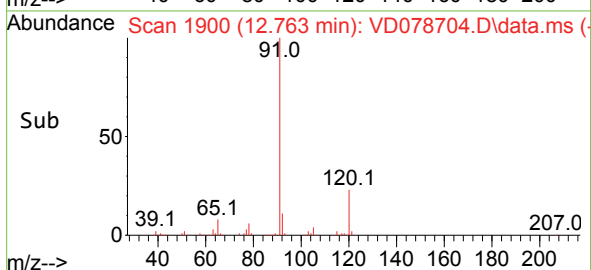
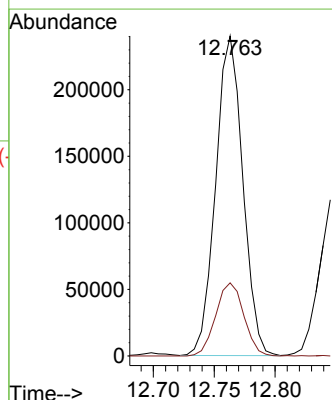
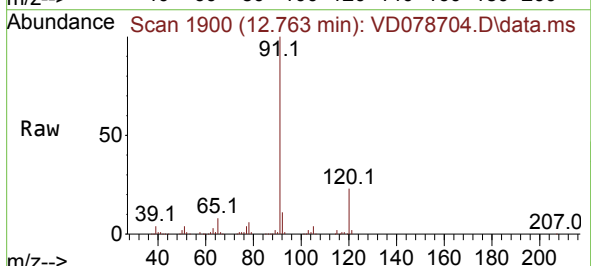
Acq: 18 Mar 2024 18:33

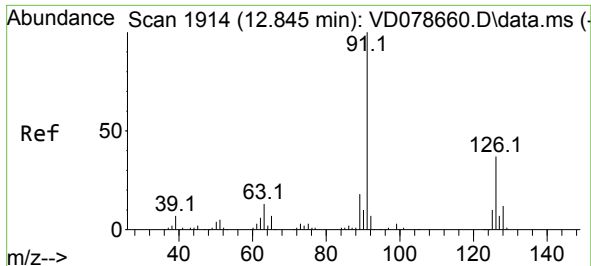
Tgt Ion: 91 Resp: 372227

Ion Ratio Lower Upper

91 100

120 23.7 11.7 35.1

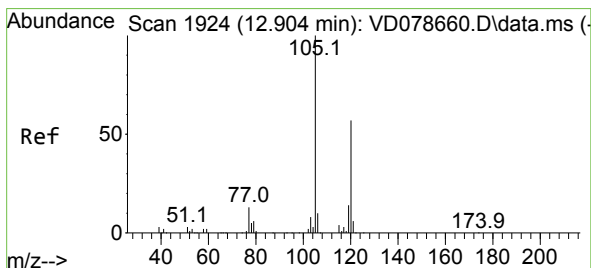
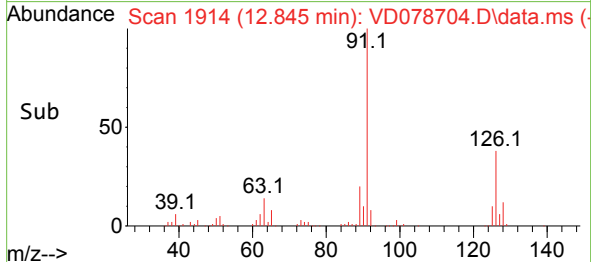
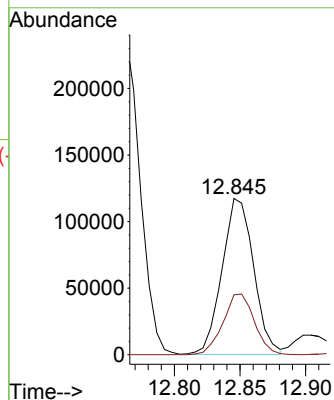
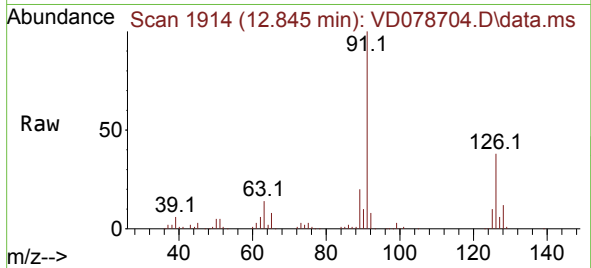




#79
2-Chlorotoluene
Concen: 46.818 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

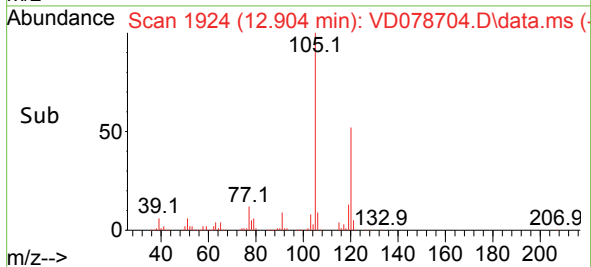
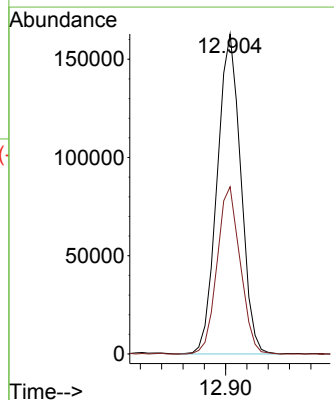
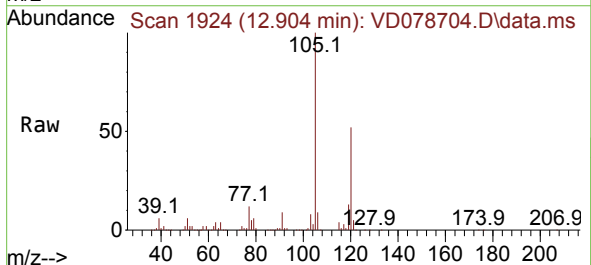
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

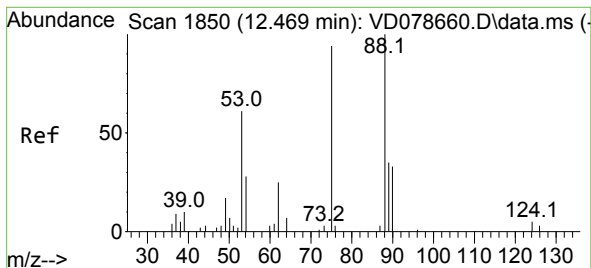
Tgt Ion: 91 Resp: 196618
Ion Ratio Lower Upper
91 100
126 38.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.119 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion: 105 Resp: 250258
Ion Ratio Lower Upper
105 100
120 51.2 25.9 77.7

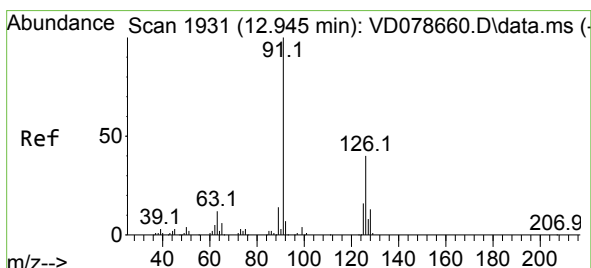
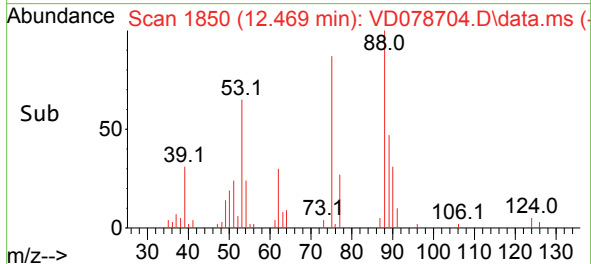
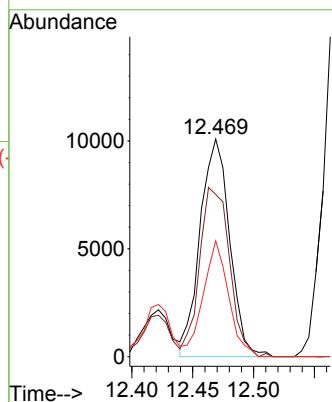
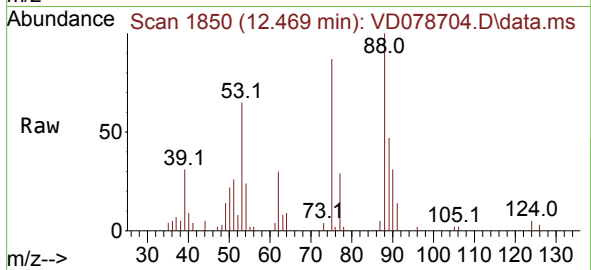




#81
trans-1,4-Dichloro-2-butene
Concen: 48.521 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

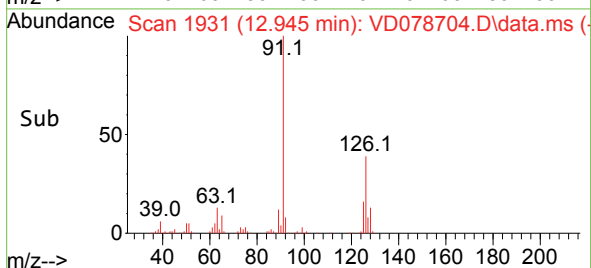
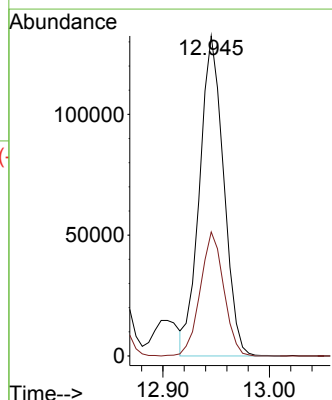
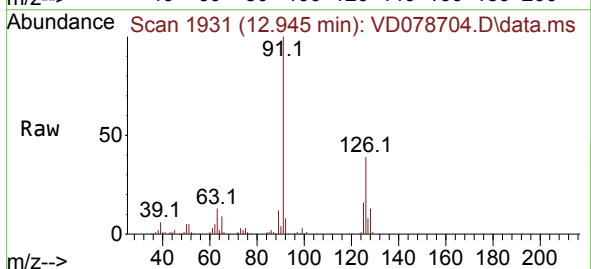
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

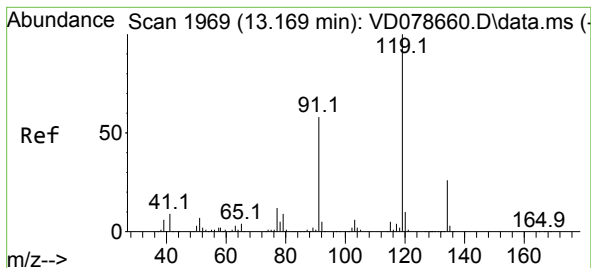
Tgt Ion	Ratio	Lower	Upper
75	100		
53	78.9	61.0	91.6
89	45.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 46.985 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.8	18.9	56.5





#83

tert-Butylbenzene

Concen: 48.230 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

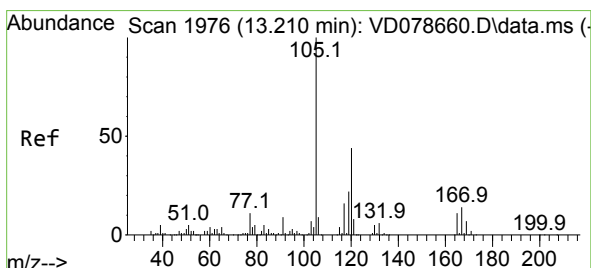
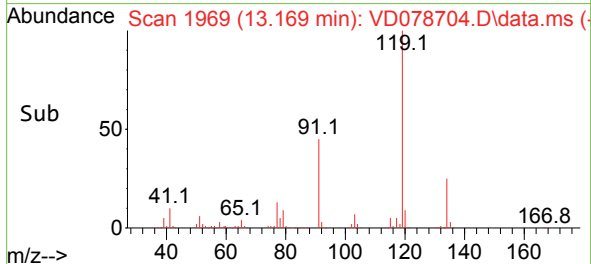
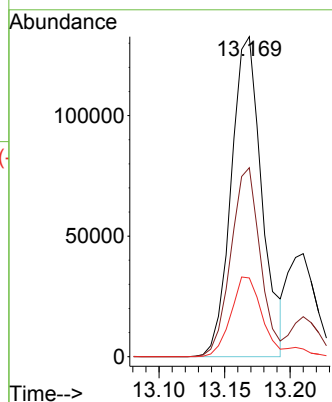
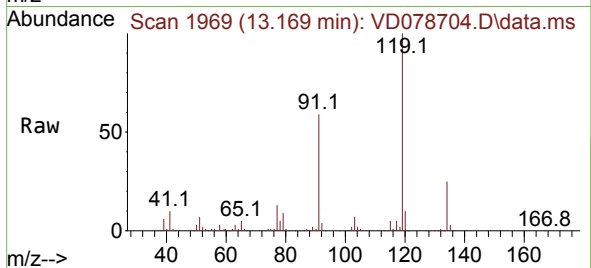
Tgt Ion:119 Resp: 216284

Ion Ratio Lower Upper

119 100

91 56.8 28.9 86.7

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 48.054 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078704.D

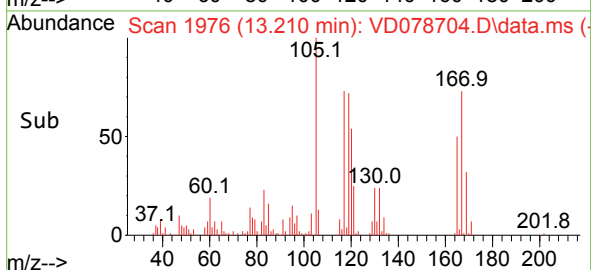
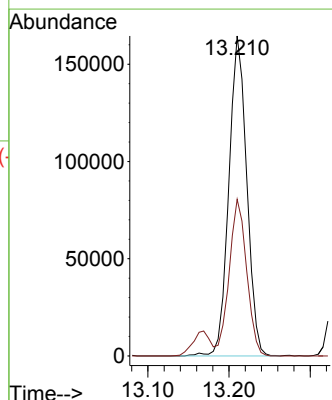
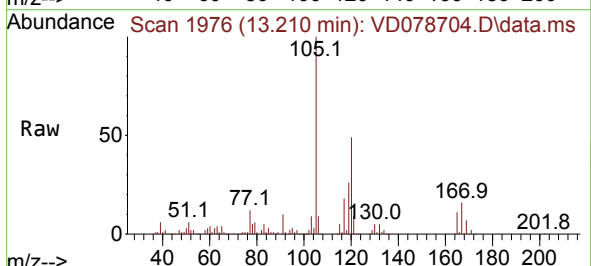
Acq: 18 Mar 2024 18:33

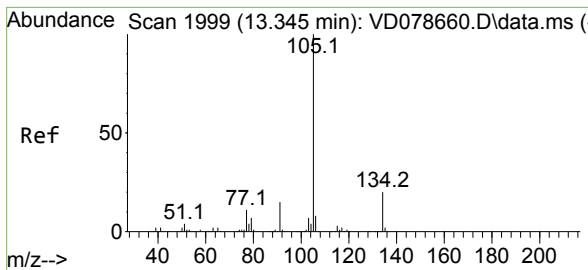
Tgt Ion:105 Resp: 251859

Ion Ratio Lower Upper

105 100

120 48.0 23.1 69.2

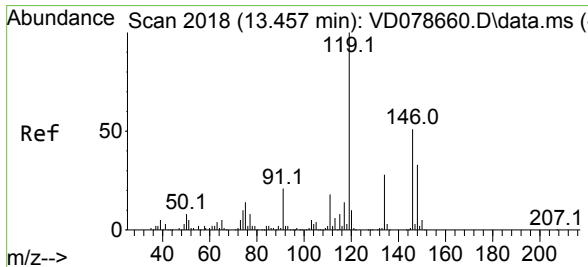
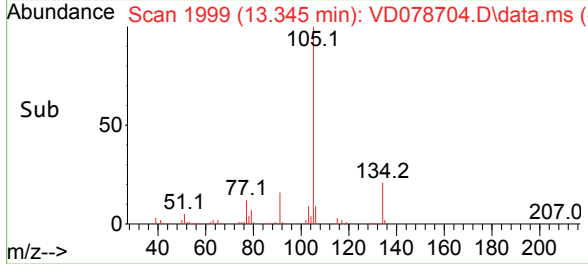
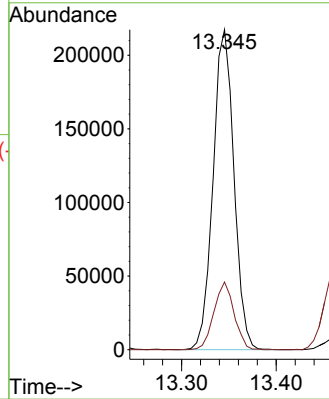
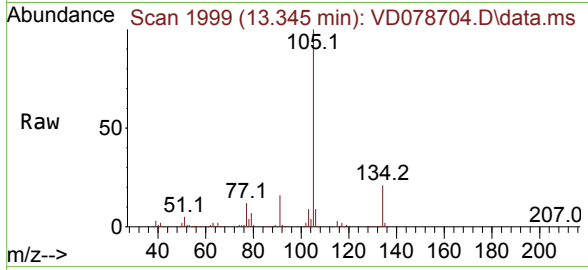




#85
 sec-Butylbenzene
 Concen: 48.978 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078704.D
 Acq: 18 Mar 2024 18:33

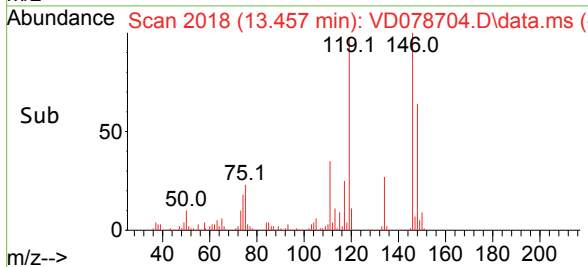
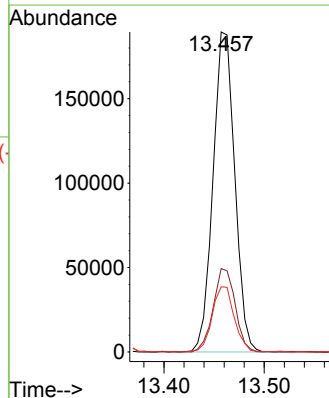
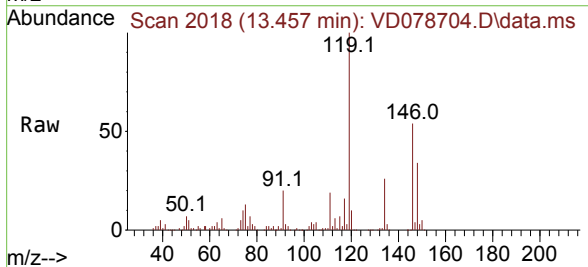
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

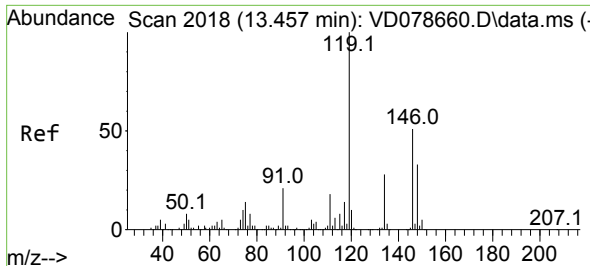
Tgt Ion:105 Resp: 332382
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.191 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD078704.D
 Acq: 18 Mar 2024 18:33

Tgt Ion:119 Resp: 285780
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.5
 91 20.8 10.4 31.2

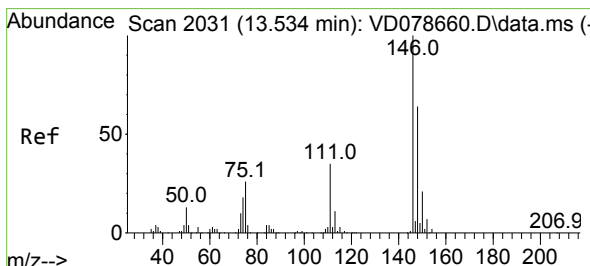
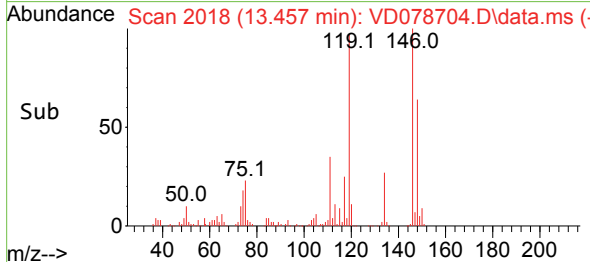
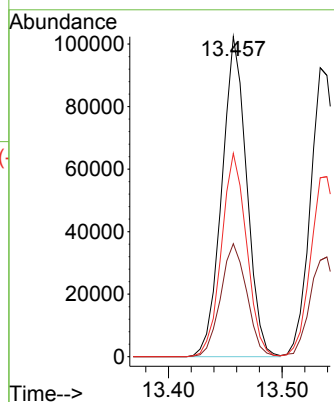
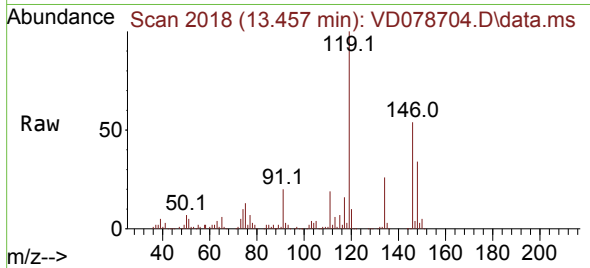




#87
1,3-Dichlorobenzene
Concen: 47.357 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

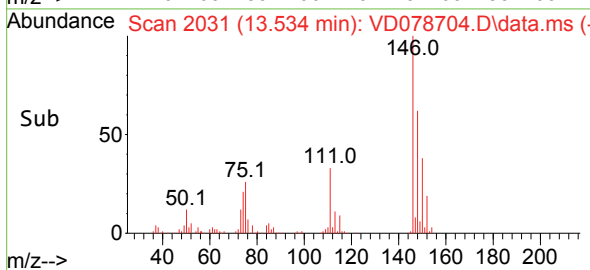
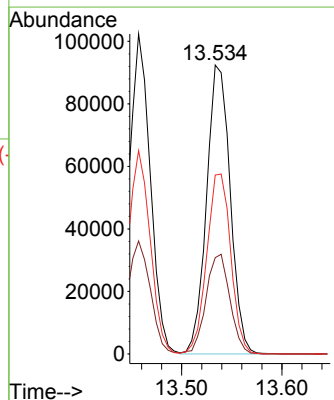
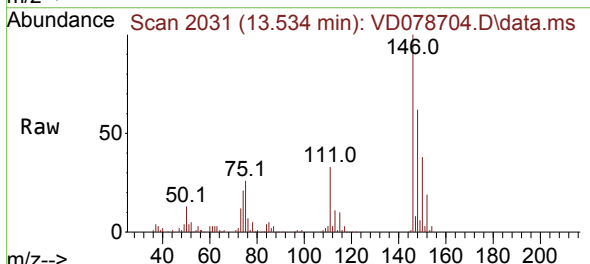
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

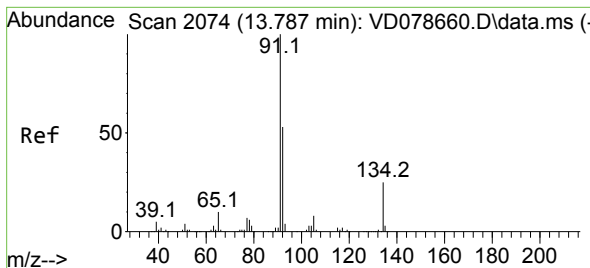
Tgt Ion:146 Resp: 155869
Ion Ratio Lower Upper
146 100
111 37.0 18.2 54.6
148 64.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 46.828 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078704.D
Acq: 18 Mar 2024 18:33

Tgt Ion:146 Resp: 151897
Ion Ratio Lower Upper
146 100
111 34.9 17.8 53.3
148 63.1 32.4 97.0





#89

n-Butylbenzene

Concen: 48.166 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

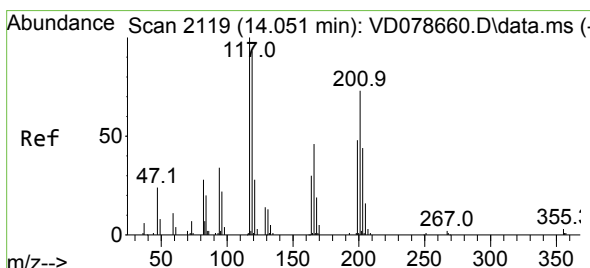
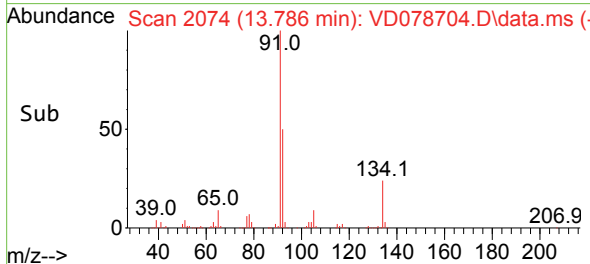
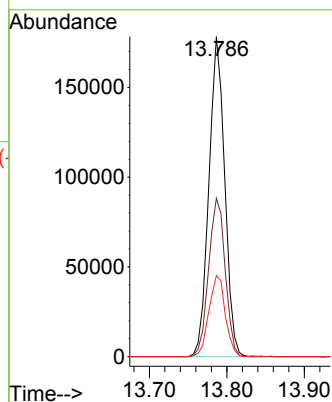
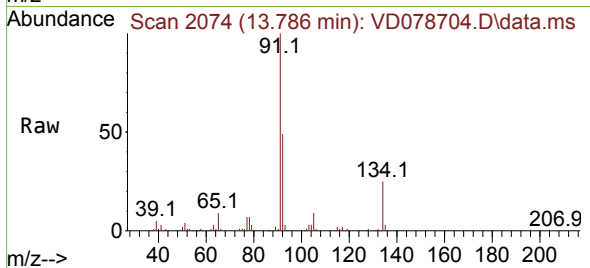
Tgt Ion: 91 Resp: 252717

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 46.757 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078704.D

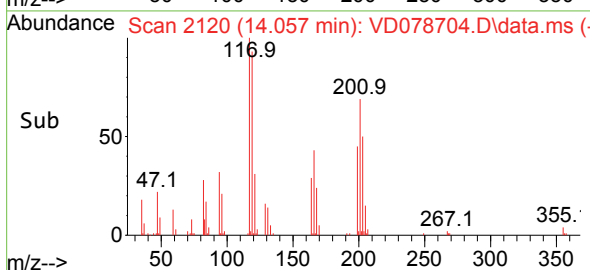
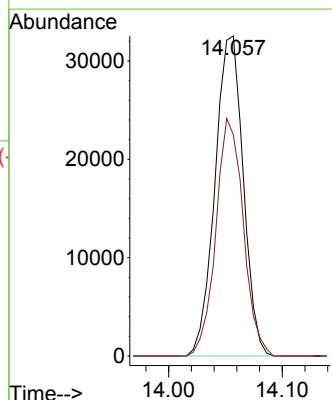
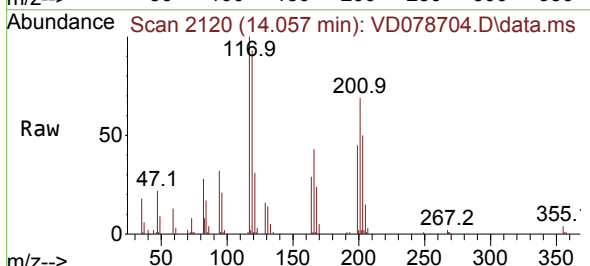
Acq: 18 Mar 2024 18:33

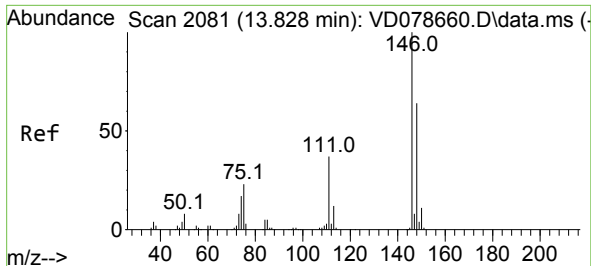
Tgt Ion: 117 Resp: 56206

Ion Ratio Lower Upper

117 100

201 72.0 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 47.147 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

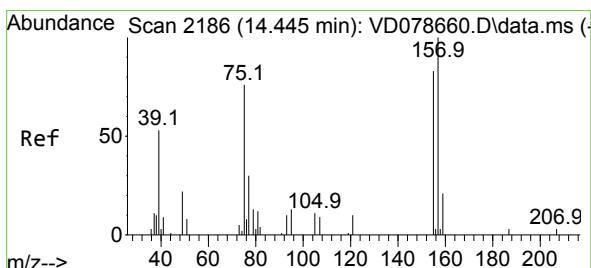
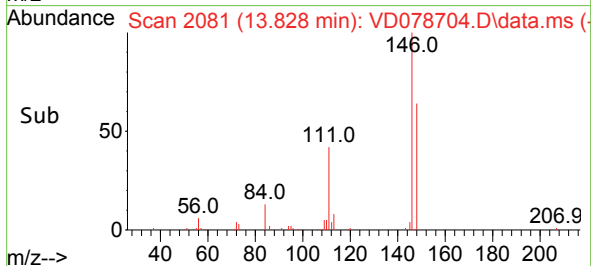
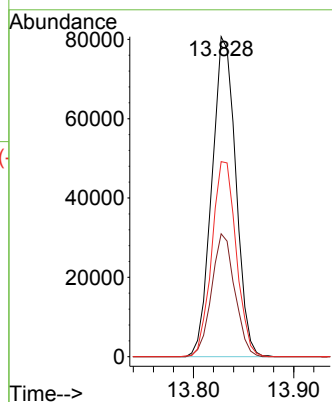
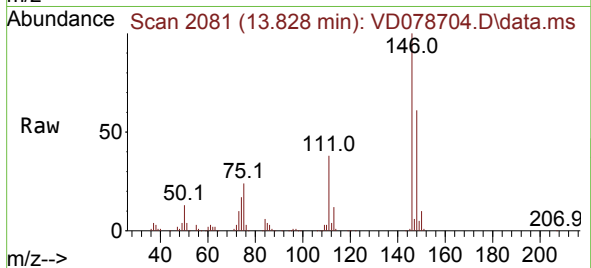
Tgt Ion:146 Resp: 133650

Ion Ratio Lower Upper

146 100

111 37.2 18.6 56.0

148 62.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.435 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

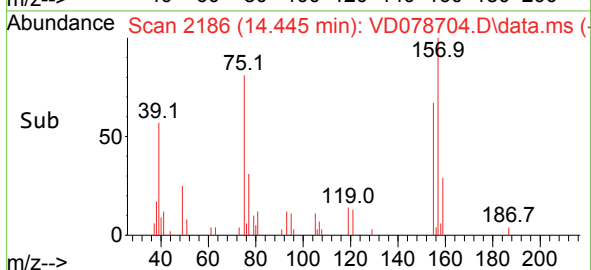
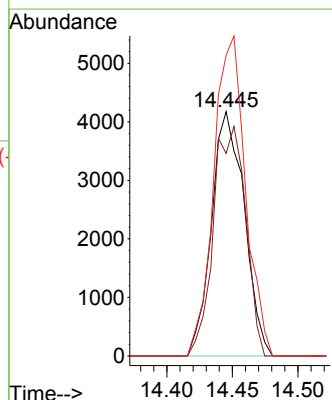
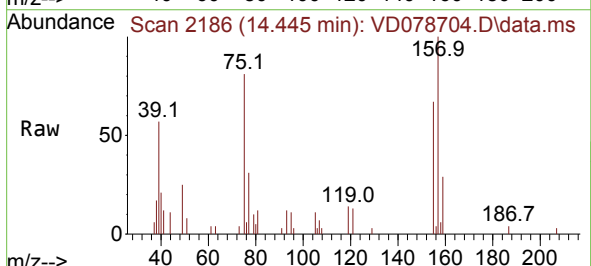
Tgt Ion: 75 Resp: 7232

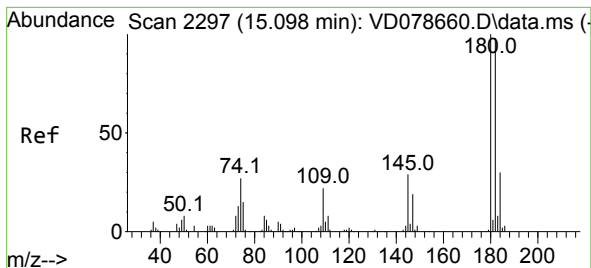
Ion Ratio Lower Upper

75 100

155 92.9 49.8 149.3

157 127.1 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 44.956 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

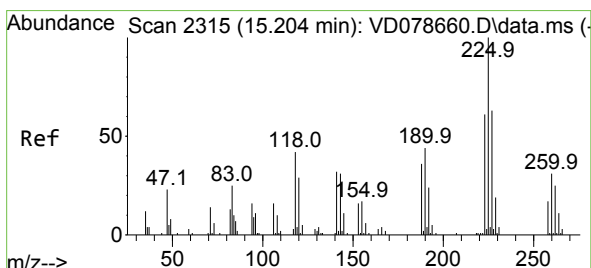
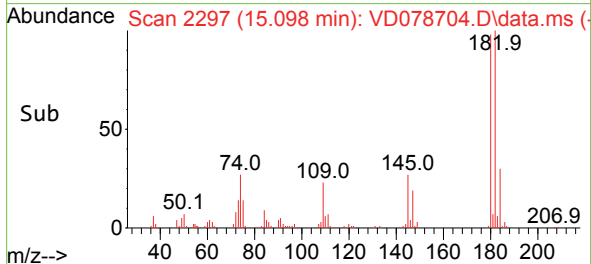
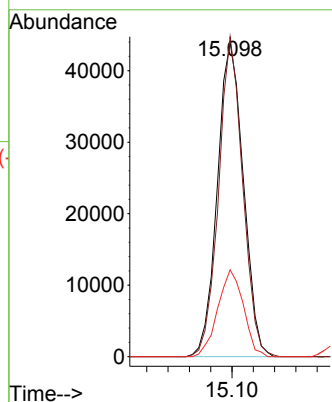
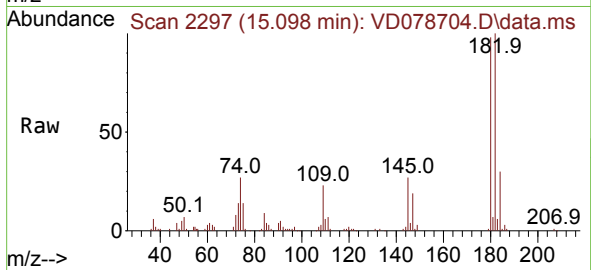
Tgt Ion:180 Resp: 74373

Ion Ratio Lower Upper

180 100

182 94.1 49.7 149.1

145 27.2 14.6 44.0



#94

Hexachlorobutadiene

Concen: 45.364 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

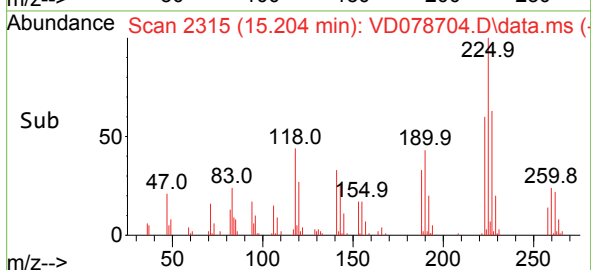
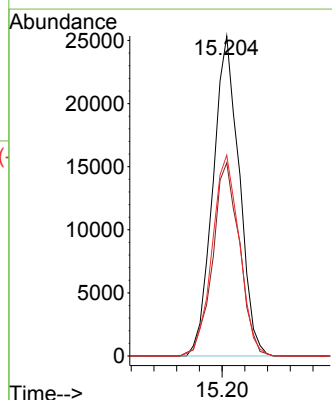
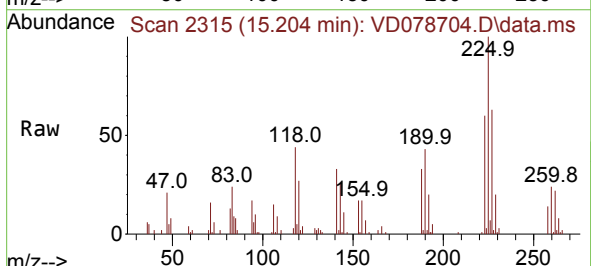
Tgt Ion:225 Resp: 40630

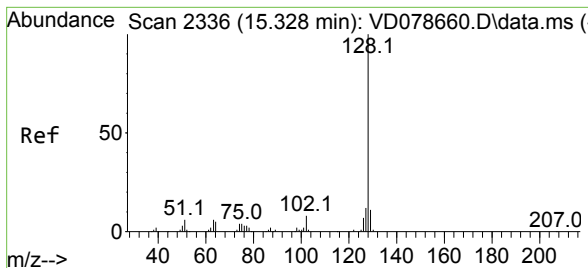
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.7

227 65.0 32.0 96.0





#95

Naphthalene

Concen: 48.039 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

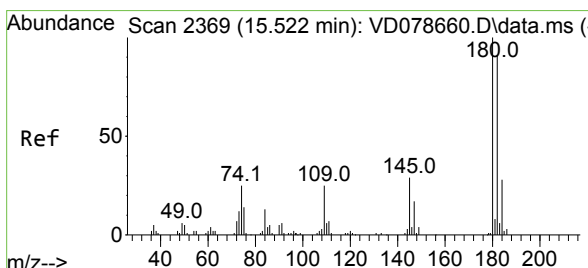
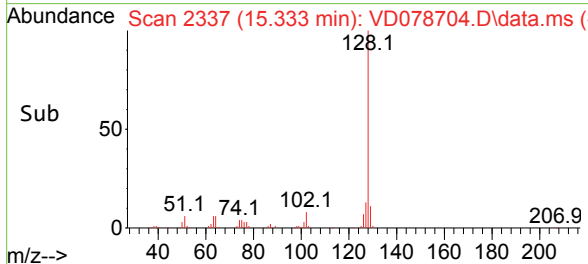
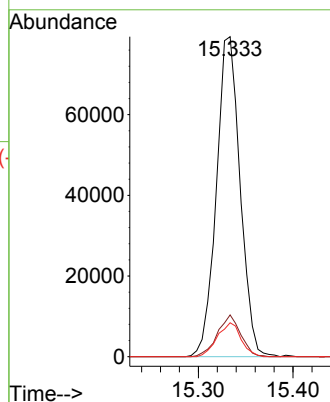
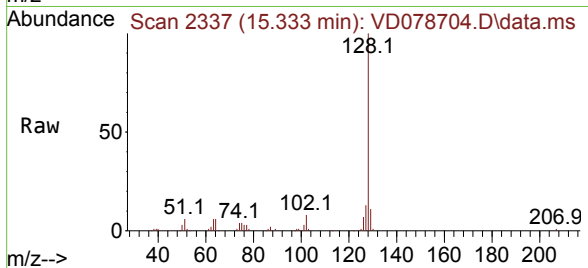
Tgt Ion:128 Resp: 138174

Ion Ratio Lower Upper

128 100

127 13.1 9.3 13.9

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 45.884 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078704.D

Acq: 18 Mar 2024 18:33

Tgt Ion:180 Resp: 65671

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.1

145 29.8 14.4 43.4

