

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078735.D
 Acq On : 22 Mar 2024 11:41
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 23:17:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	239378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	223354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	114213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61040	45.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.810	113	72474	47.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.040%
50) Toluene-d8	10.269	98	262563	46.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.575	95	78322	47.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	64103	48.036	ug/l	98
3) Chloromethane	2.152	50	90456	42.930	ug/l	99
4) Vinyl Chloride	2.293	62	133208	42.856	ug/l	92
5) Bromomethane	2.699	94	126937	42.653	ug/l	97
6) Chloroethane	2.846	64	104489	43.106	ug/l	98
7) Trichlorofluoromethane	3.181	101	122443	49.793	ug/l	98
8) Diethyl Ether	3.599	74	35971	50.102	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.975	101	74617	48.350	ug/l	97
10) Methyl Iodide	4.169	142	97662	53.499	ug/l	99
11) Tert butyl alcohol	5.046	59	15127	251.549	ug/l	98
12) 1,1-Dichloroethene	3.946	96	73042	49.788	ug/l	87
13) Acrolein	3.805	56	12732	135.157	ug/l	98
14) Allyl chloride	4.569	41	79283	48.433	ug/l	98
15) Acrylonitrile	5.258	53	75425	260.603	ug/l	99
16) Acetone	4.022	43	67599	260.154	ug/l	94
17) Carbon Disulfide	4.281	76	219429	45.625	ug/l	98
18) Methyl Acetate	4.564	43	31360	56.237	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	155138	52.437	ug/l	94
20) Methylene Chloride	4.805	84	88084	49.693	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	88028	50.852	ug/l	97
22) Diisopropyl ether	6.216	45	190649	51.226	ug/l	97
23) Vinyl Acetate	6.158	43	559049	256.798	ug/l	96
24) 1,1-Dichloroethane	6.116	63	139168	49.875	ug/l	98
25) 2-Butanone	7.081	43	85491	247.468	ug/l	97
26) 2,2-Dichloropropane	7.075	77	120206	50.918	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	98933	50.108	ug/l	98
28) Bromochloromethane	7.428	49	55380	55.670	ug/l	96
29) Tetrahydrofuran	7.446	42	50018	266.197	ug/l	100
30) Chloroform	7.599	83	151459	48.683	ug/l	98
31) Cyclohexane	7.887	56	105483	46.704	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	130659	49.499	ug/l	97
36) 1,1-Dichloropropene	8.010	75	115437	51.621	ug/l	99
37) Ethyl Acetate	7.169	43	34171	46.775	ug/l	99
38) Carbon Tetrachloride	7.993	117	119165	50.547	ug/l	92
39) Methylcyclohexane	9.275	83	128973	49.718	ug/l	99
40) Benzene	8.252	78	338960	50.143	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20760	54.227	ug/l	91
42) 1,2-Dichloroethane	8.328	62	82358	49.959	ug/l	99
43) Isopropyl Acetate	8.363	43	66606	50.134	ug/l	99
44) Trichloroethene	9.028	130	90731	49.458	ug/l	99
45) 1,2-Dichloropropane	9.305	63	81294	50.696	ug/l	94
46) Dibromomethane	9.399	93	47000	48.894	ug/l	100
47) Bromodichloromethane	9.587	83	116218	50.787	ug/l	94
48) Methyl methacrylate	9.381	41	34411	53.157	ug/l	95
49) 1,4-Dioxane	9.381	88	8659	972.899	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	180506	259.882	ug/l	99
52) Toluene	10.334	92	225534	51.822	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	105889	50.610	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	129933	51.659	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	65438	50.836	ug/l	95
56) Ethyl methacrylate	10.599	69	69900	54.168	ug/l	98
57) 1,3-Dichloropropane	10.881	76	105273	50.684	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	142705	250.799	ug/l	99
59) 2-Hexanone	10.922	43	134616	261.447	ug/l	99
60) Dibromochloromethane	11.075	129	80876	50.947	ug/l	100
61) 1,2-Dibromoethane	11.181	107	62794	50.407	ug/l	98
64) Tetrachloroethene	10.810	164	75498	51.079	ug/l	98
65) Chlorobenzene	11.610	112	239004	51.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	88502	51.776	ug/l	98
67) Ethyl Benzene	11.687	91	422974	53.180	ug/l	97
68) m/p-Xylenes	11.793	106	337852	104.608	ug/l	99
69) o-Xylene	12.122	106	155858	52.157	ug/l	98
70) Styrene	12.134	104	272413	54.313	ug/l	99
71) Bromoform	12.298	173	48375	52.368	ug/l #	94
73) Isopropylbenzene	12.422	105	408213	54.285	ug/l	99
74) N-amyl acetate	12.234	43	63577	52.073	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	69793	50.136	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	85505	97.171	ug/l #	100
77) Bromobenzene	12.698	156	98994	53.083	ug/l	97
78) n-propylbenzene	12.763	91	499076	54.524	ug/l	100
79) 2-Chlorotoluene	12.851	91	262020	52.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	336253	54.073	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	22462	53.508	ug/l	99
82) 4-Chlorotoluene	12.951	91	277279	52.207	ug/l	99
83) tert-Butylbenzene	13.169	119	289303	53.955	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	340001	54.255	ug/l	97
85) sec-Butylbenzene	13.345	105	442589	54.544	ug/l	99
86) p-Isopropyltoluene	13.463	119	384727	55.385	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	208372	52.948	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	200869	51.791	ug/l	99
89) n-Butylbenzene	13.787	91	351500	56.030	ug/l	99
90) Hexachloroethane	14.051	117	74608	51.907	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	174977	51.624	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8997	48.314	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	108258	54.729	ug/l	94
94) Hexachlorobutadiene	15.204	225	56076	52.363	ug/l	99
95) Naphthalene	15.334	128	187856	54.623	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	92437	54.016	ug/l	98

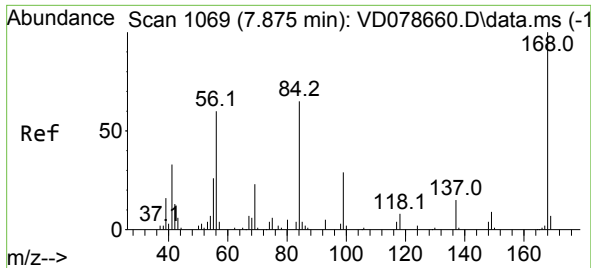
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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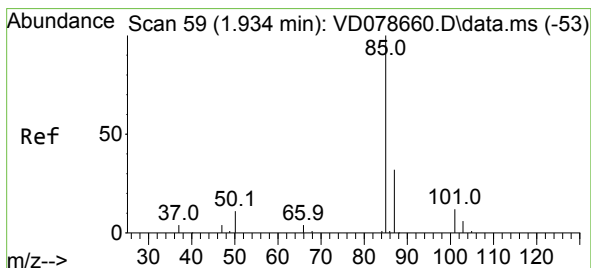
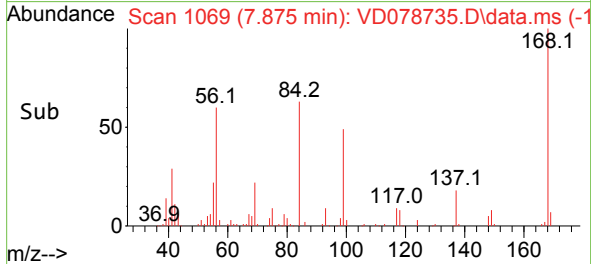
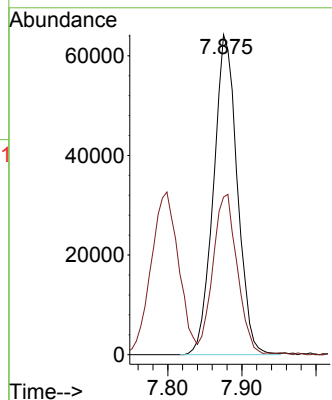
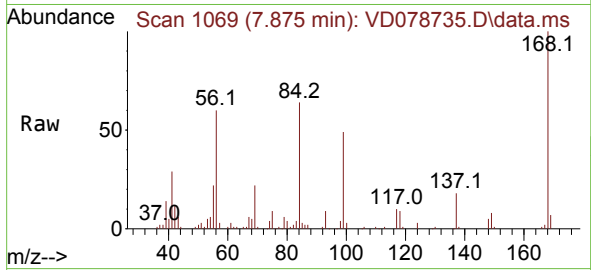
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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Acq: 22 Mar 2024 11:41

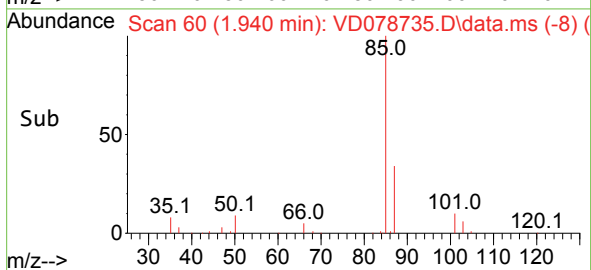
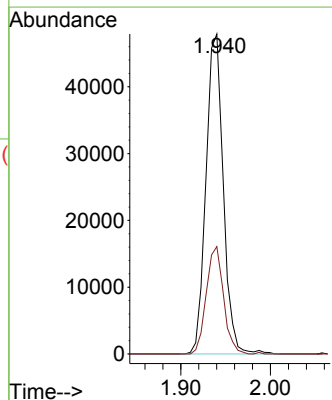
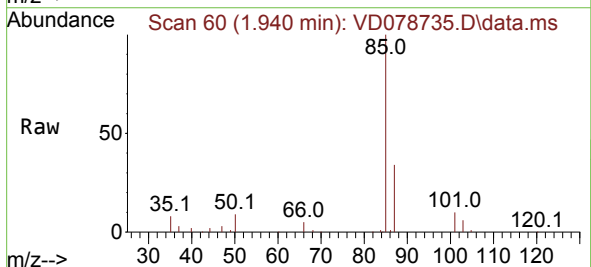
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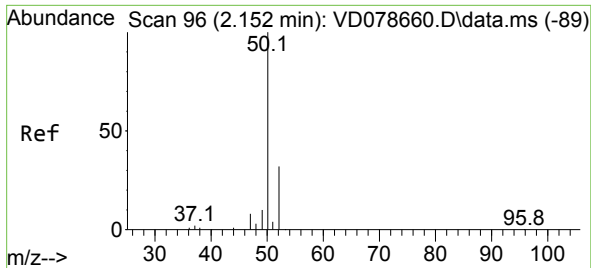
Tgt Ion:168 Resp: 143383
Ion Ratio Lower Upper
168 100
99 48.7 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 48.036 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 85 Resp: 64103
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.5

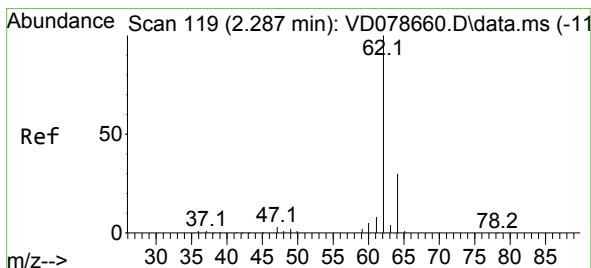
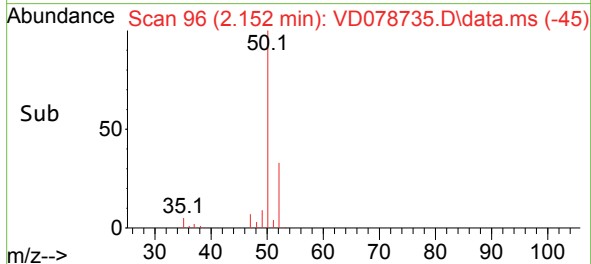
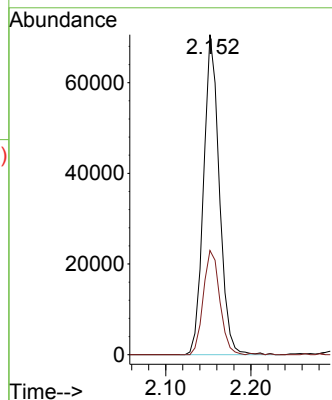
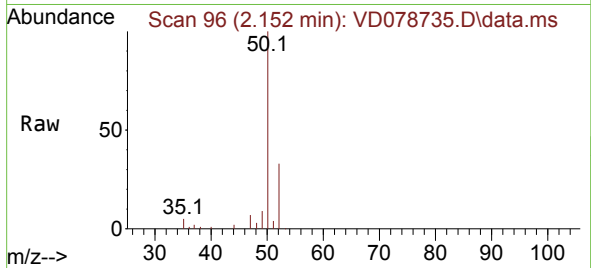




#3
Chloromethane
Concen: 42.930 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

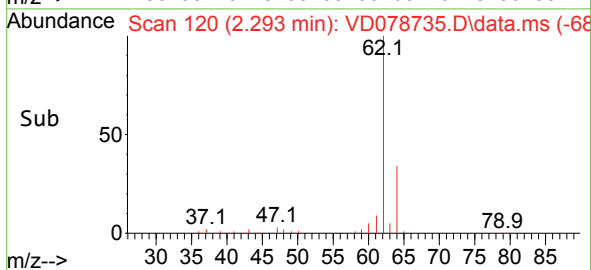
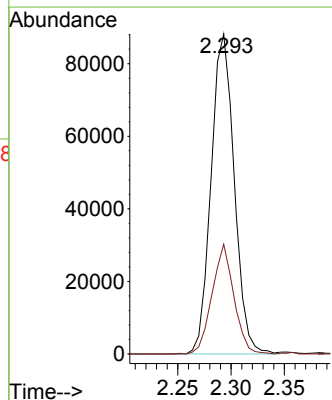
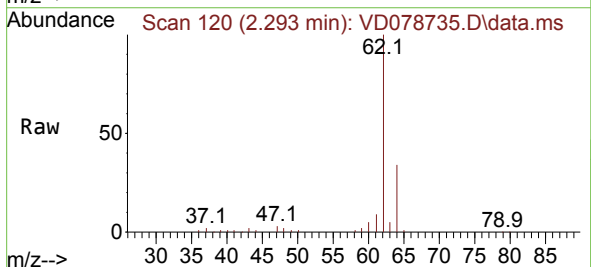
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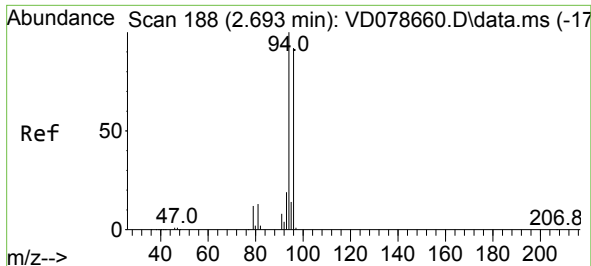
Tgt Ion: 50 Resp: 90456
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 42.856 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 62 Resp: 133208
Ion Ratio Lower Upper
62 100
64 34.1 23.7 35.5

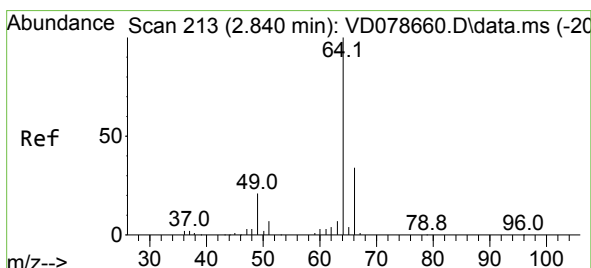
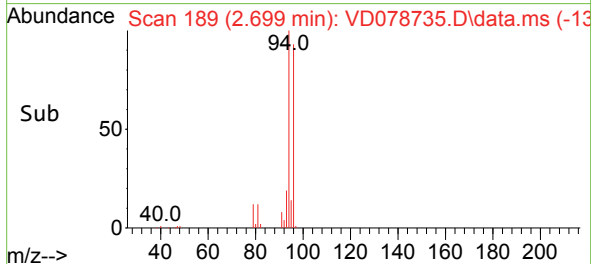
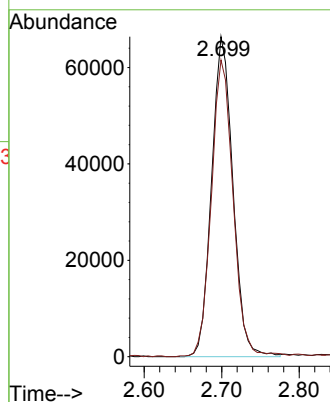
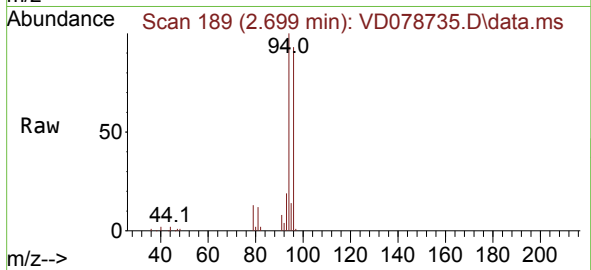




#5
Bromomethane
Concen: 42.653 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

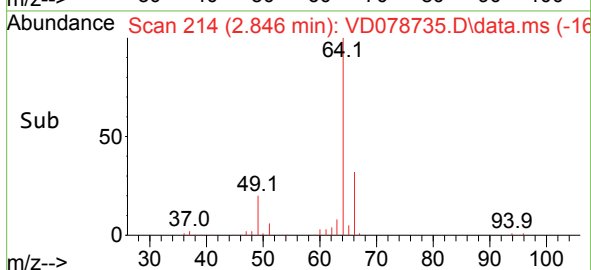
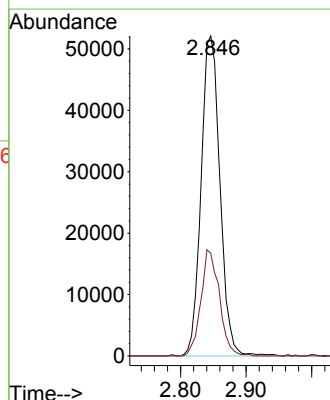
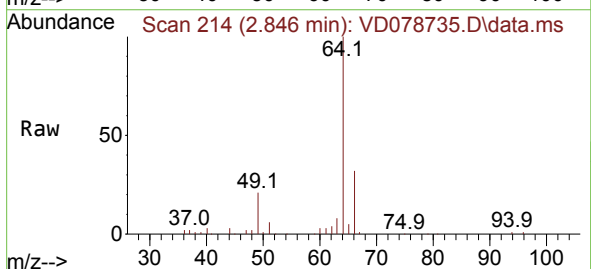
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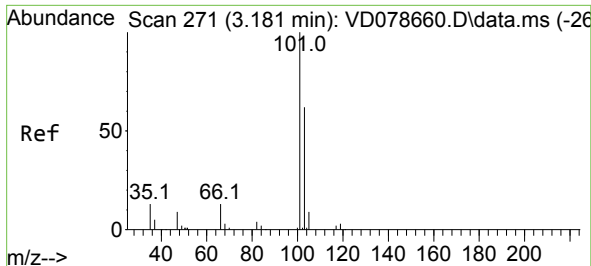
Tgt Ion: 94 Resp: 126937
Ion Ratio Lower Upper
94 100
96 94.7 73.5 110.3



#6
Chloroethane
Concen: 43.106 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 64 Resp: 104489
Ion Ratio Lower Upper
64 100
66 32.1 26.8 40.2

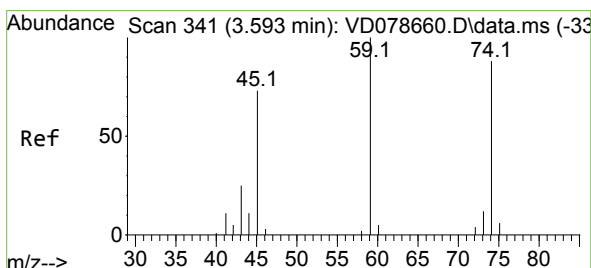
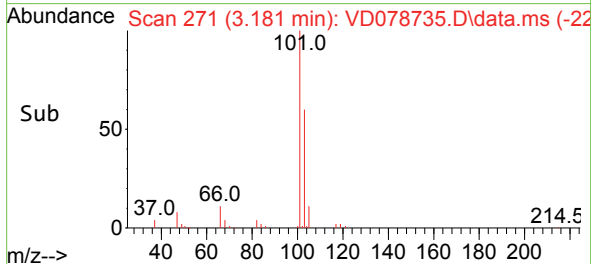
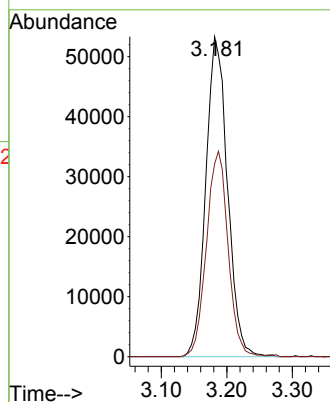
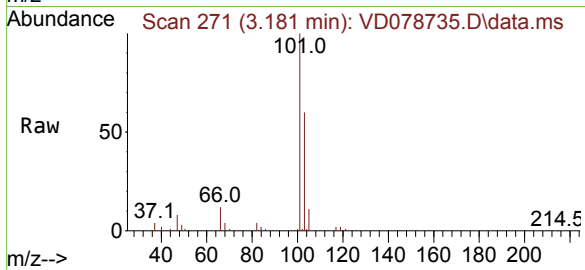




#7
Trichlorofluoromethane
Concen: 49.793 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078735.D
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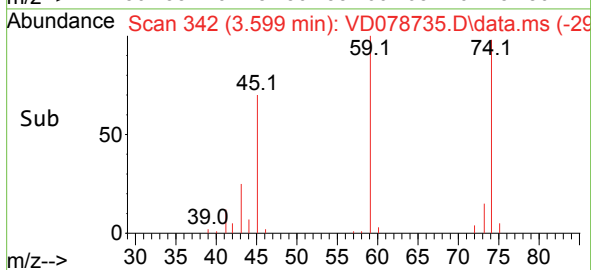
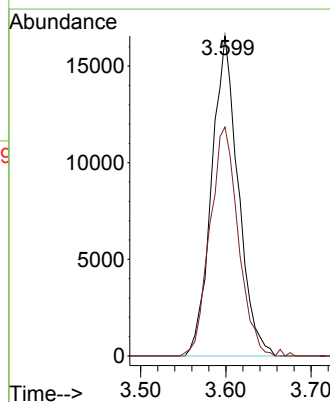
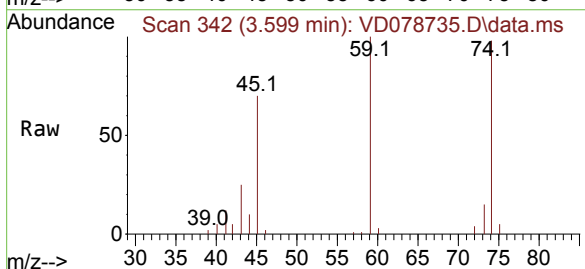
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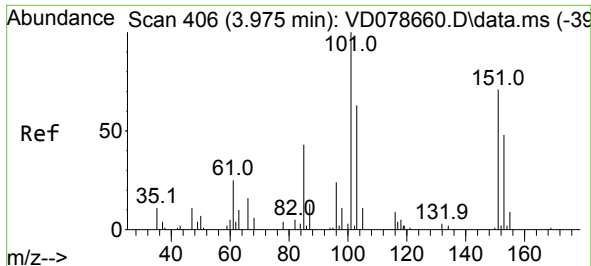
Tgt Ion:101 Resp: 122443
Ion Ratio Lower Upper
101 100
103 60.2 49.7 74.5



#8
Diethyl Ether
Concen: 50.102 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 74 Resp: 35971
Ion Ratio Lower Upper
74 100
45 76.1 42.4 127.3

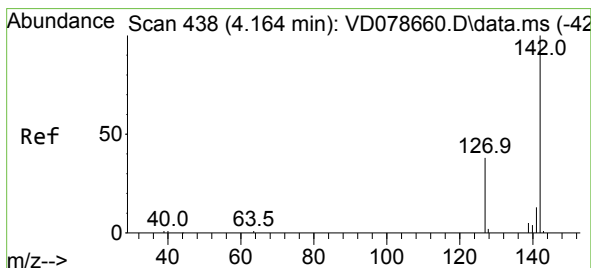
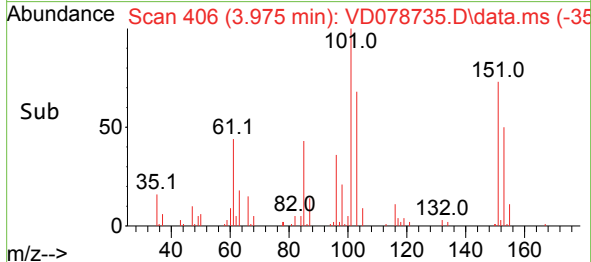
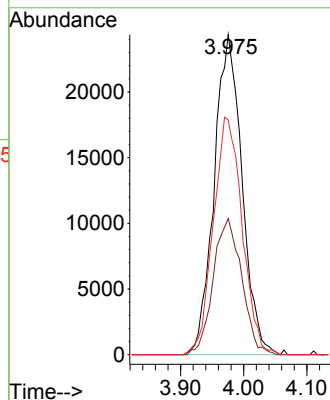
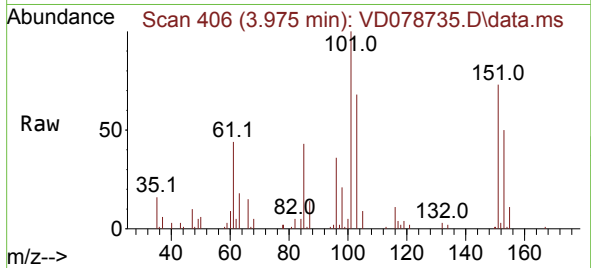




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.350 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078735.D
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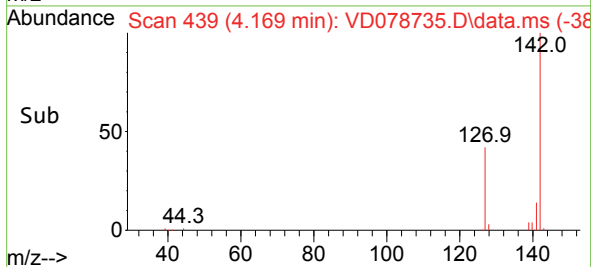
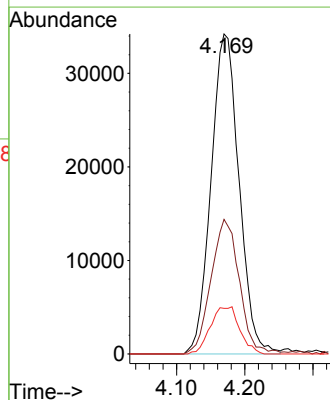
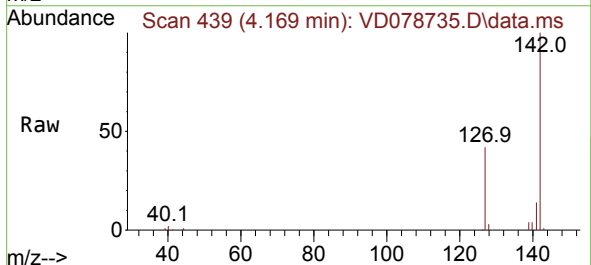
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ClientSampleId :
VSTDCCC050

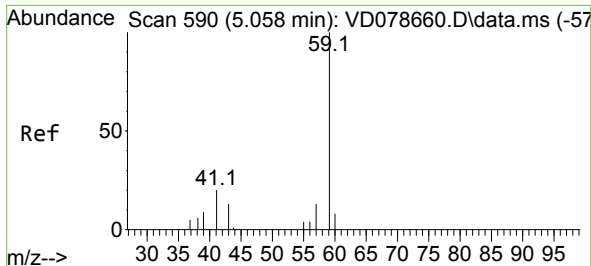
Tgt Ion:101 Resp: 74617
Ion Ratio Lower Upper
101 100
85 43.5 35.8 53.6
151 76.8 59.4 89.2



#10
Methyl Iodide
Concen: 53.499 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:142 Resp: 97662
Ion Ratio Lower Upper
142 100
127 42.6 33.5 50.3
141 15.4 11.7 17.5

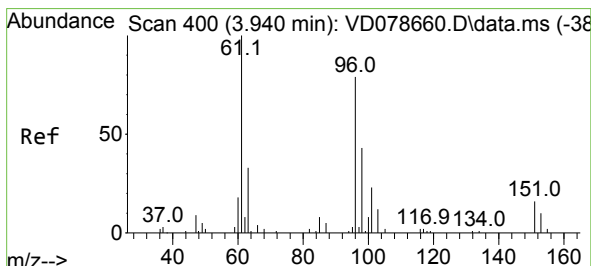
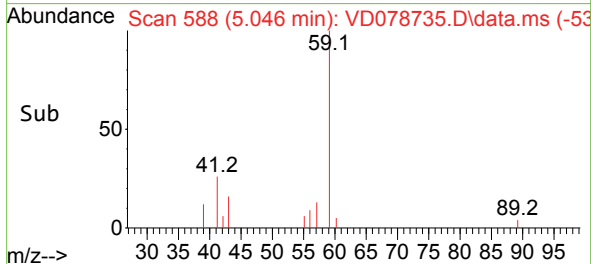
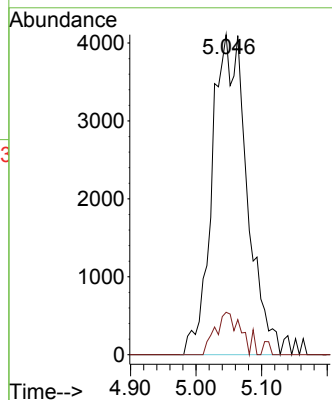
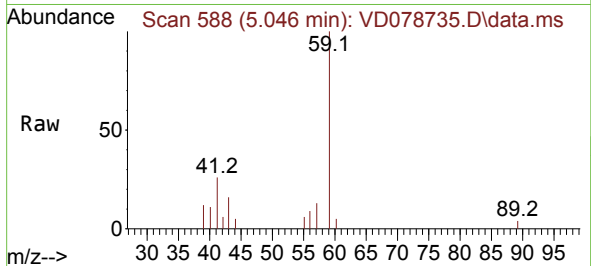




#11
Tert butyl alcohol
Concen: 251.549 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

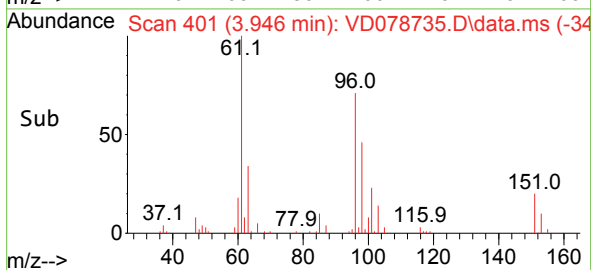
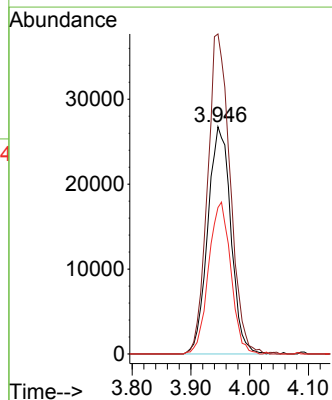
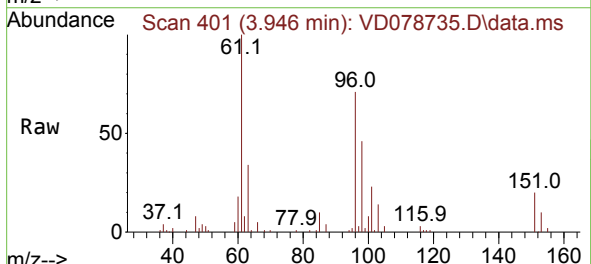
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

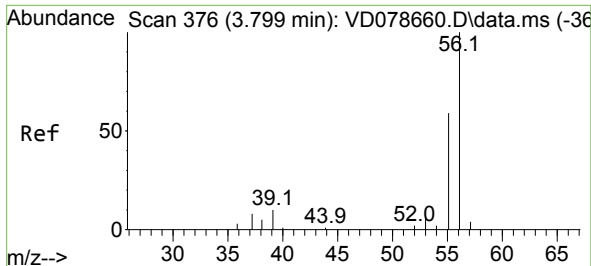
Tgt Ion: 59 Resp: 15127
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.788 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 96 Resp: 73042
Ion Ratio Lower Upper
96 100
61 140.8 101.4 152.0
98 64.5 43.4 65.0

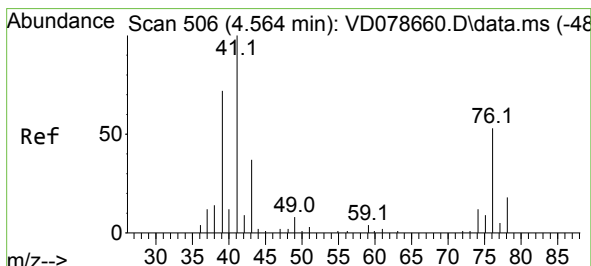
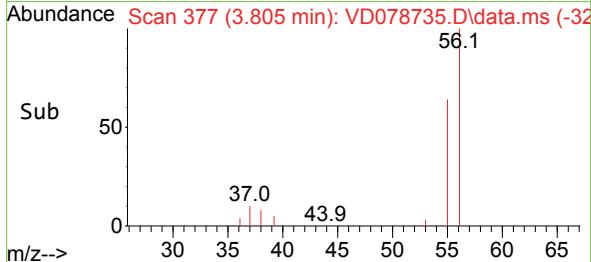
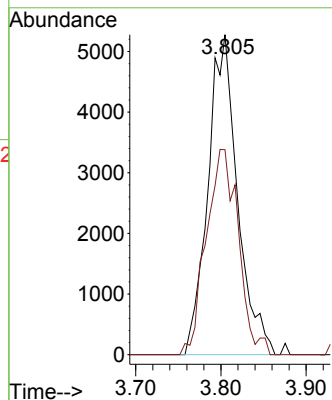
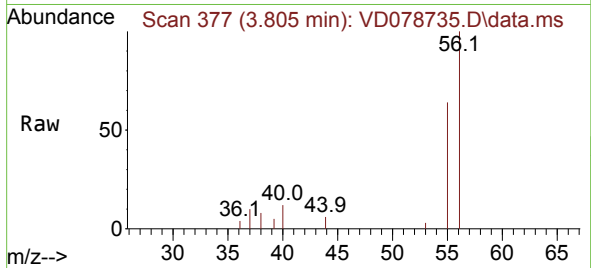




#13
Acrolein
Concen: 135.157 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

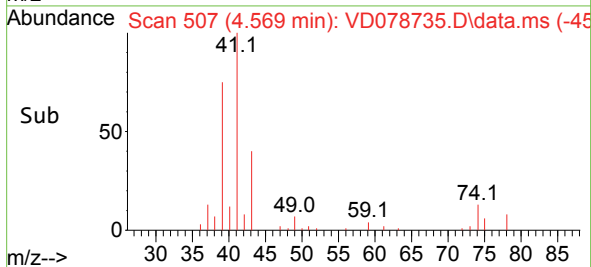
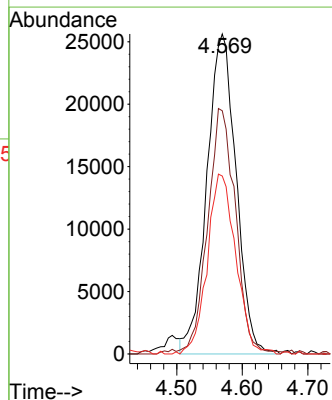
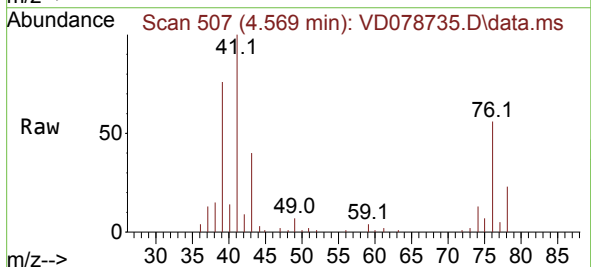
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

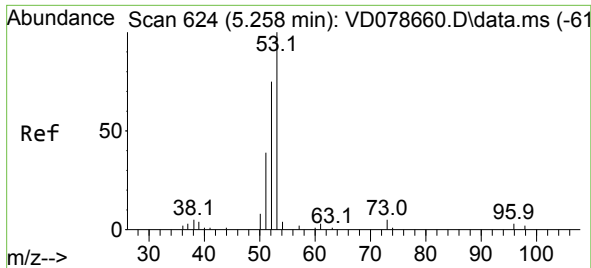
Tgt Ion: 56 Resp: 12732
Ion Ratio Lower Upper
56 100
55 69.8 54.9 82.3



#14
Allyl chloride
Concen: 48.433 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 41 Resp: 79283
Ion Ratio Lower Upper
41 100
39 73.7 57.8 86.6
76 54.8 44.8 67.2

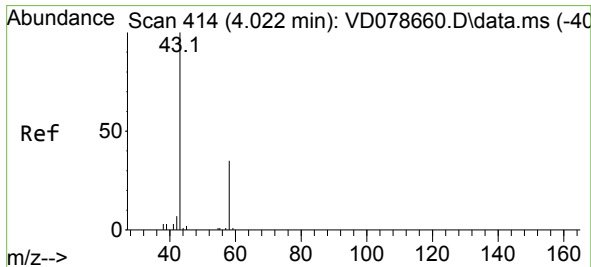
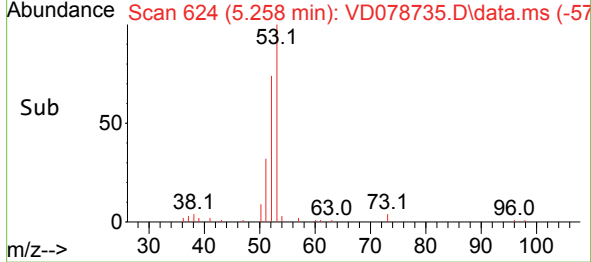
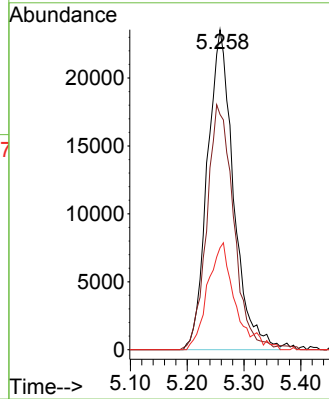
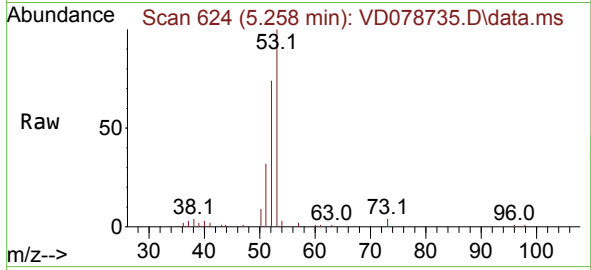




#15
Acrylonitrile
Concen: 260.603 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

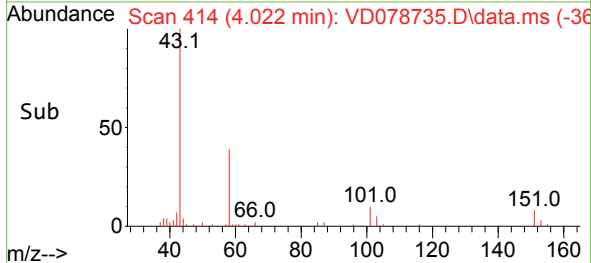
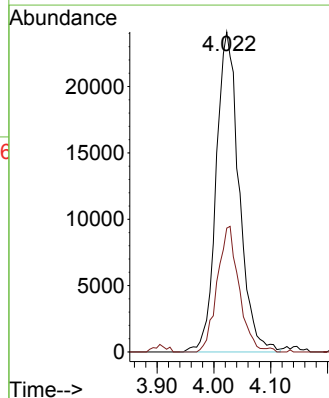
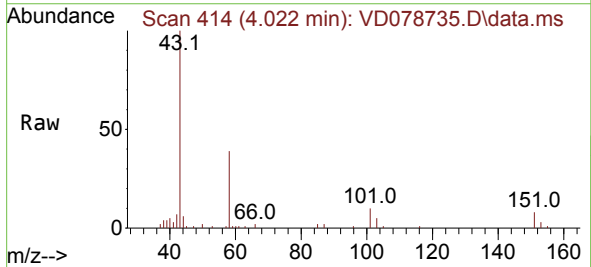
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

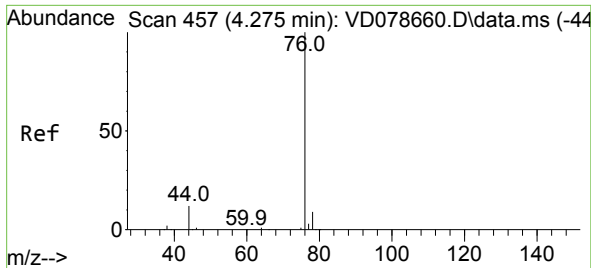
Tgt Ion:	53	Resp:	75425
Ion	Ratio	Lower	Upper
53	100		
52	78.4	61.9	92.9
51	35.1	29.0	43.4



#16
Acetone
Concen: 260.154 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:	43	Resp:	67599
Ion	Ratio	Lower	Upper
43	100		
58	38.7	28.2	42.4

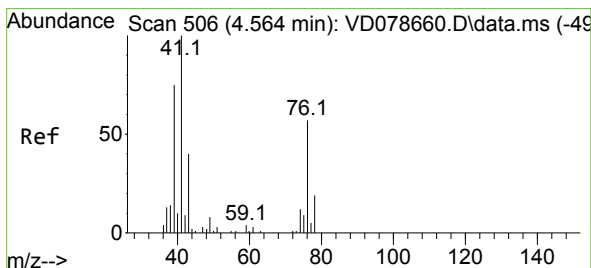
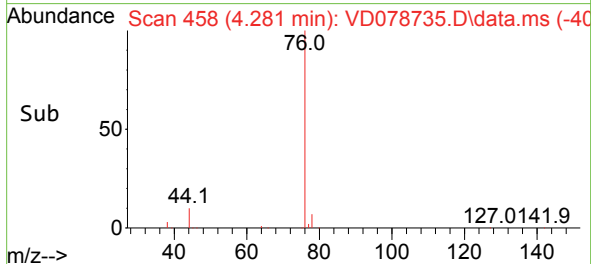
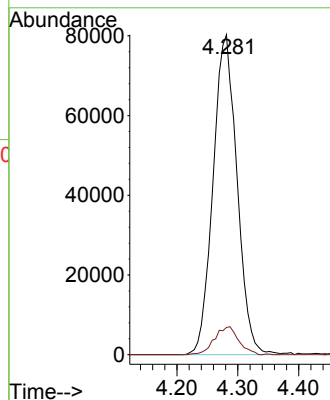
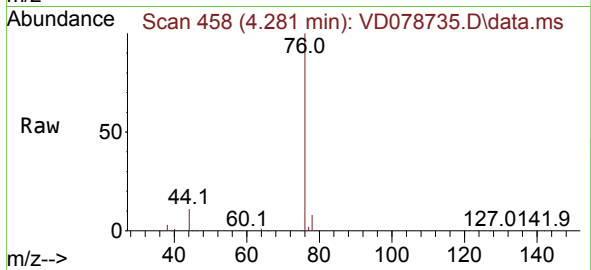




#17
Carbon Disulfide
Concen: 45.625 ug/l
RT: 4.281 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

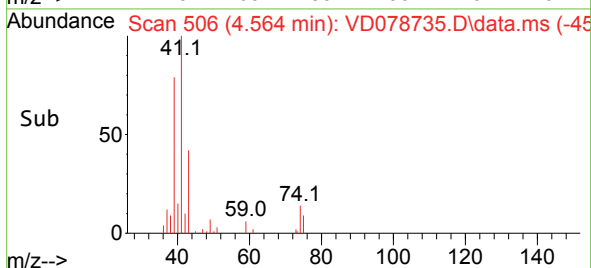
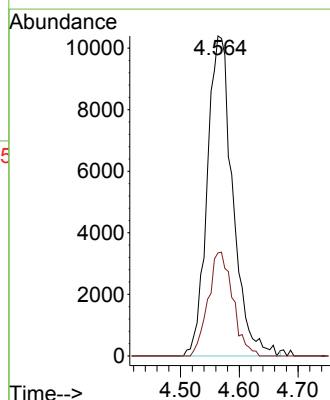
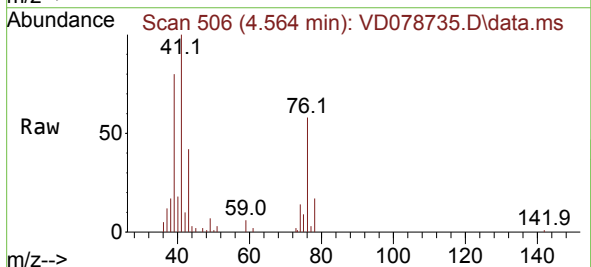
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

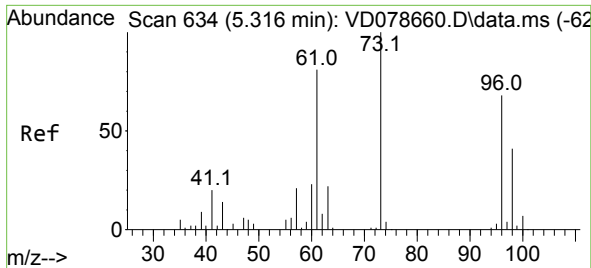
Tgt Ion: 76 Resp: 219429
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 56.237 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 43 Resp: 31360
Ion Ratio Lower Upper
43 100
74 31.4 25.3 37.9

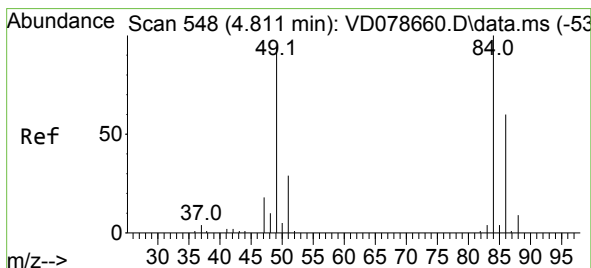
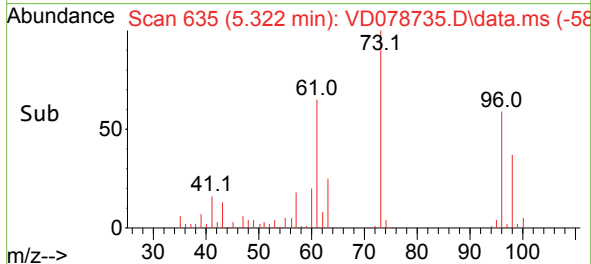
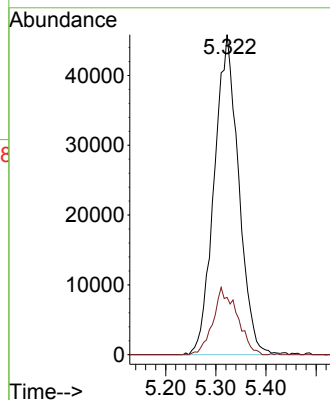
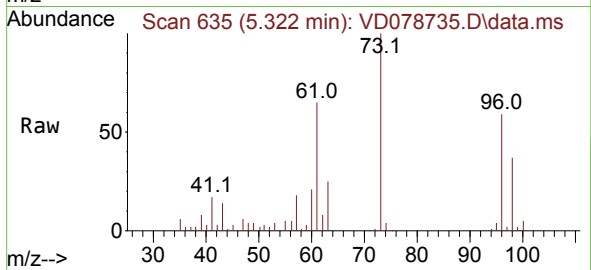




#19
Methyl tert-butyl Ether
Concen: 52.437 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

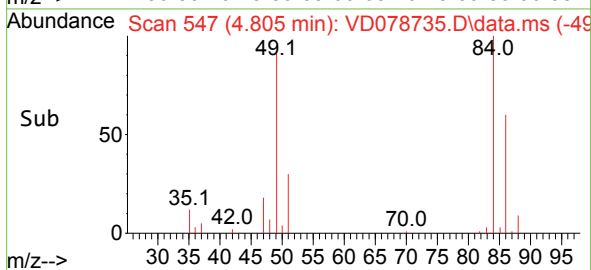
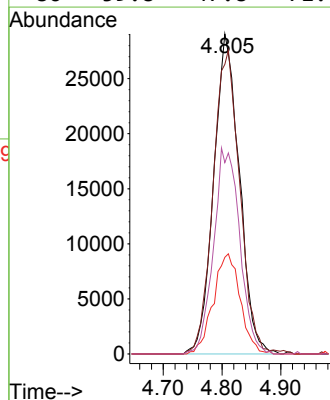
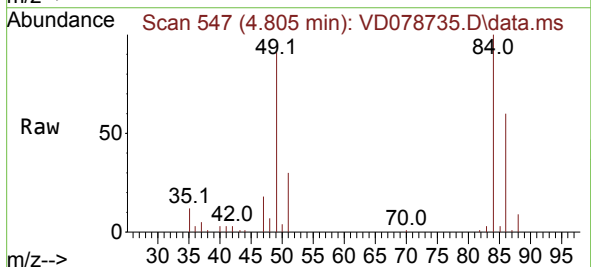
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

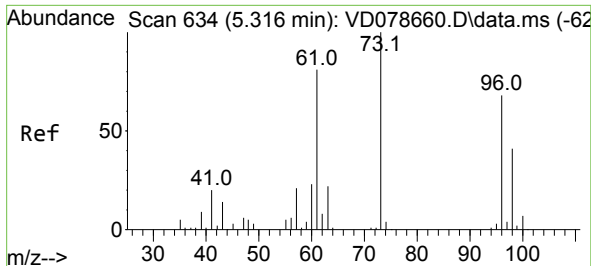
Tgt Ion: 73 Resp: 155138
Ion Ratio Lower Upper
73 100
57 17.9 16.4 24.6



#20
Methylene Chloride
Concen: 49.693 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 84 Resp: 88084
Ion Ratio Lower Upper
84 100
49 90.5 75.6 113.4
51 30.2 23.4 35.0
86 59.8 47.8 71.6

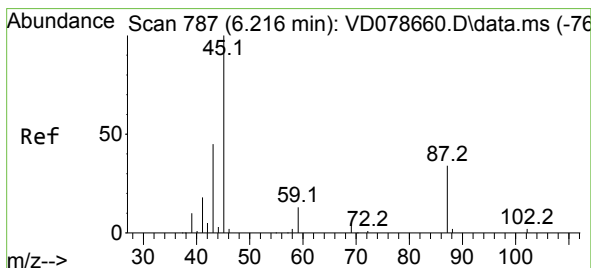
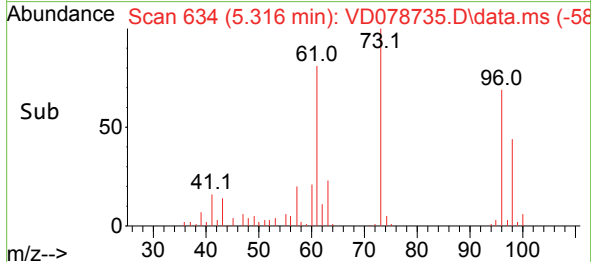
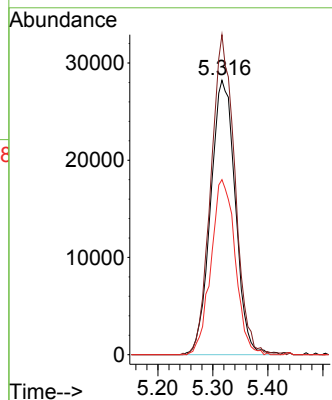
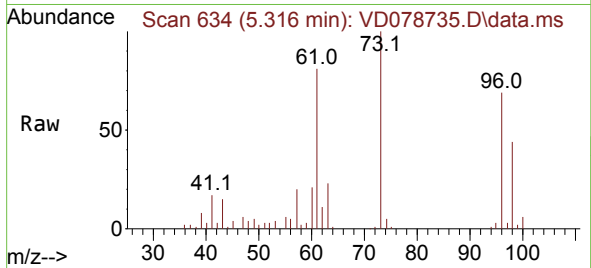




#21
trans-1,2-Dichloroethene
Concen: 50.852 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

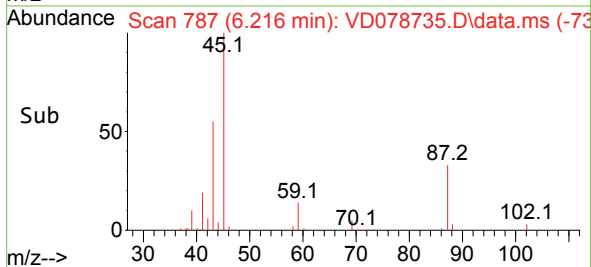
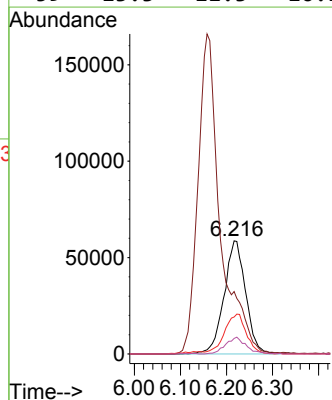
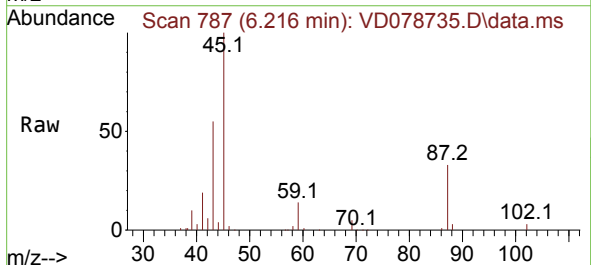
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

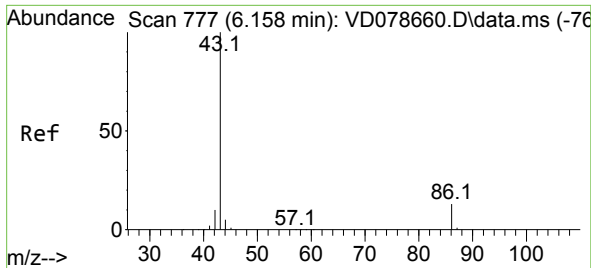
Tgt Ion: 96 Resp: 88028
Ion Ratio Lower Upper
96 100
61 116.6 96.1 144.1
98 63.8 48.9 73.3



#22
Diisopropyl ether
Concen: 51.226 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 45 Resp: 190649
Ion Ratio Lower Upper
45 100
43 54.1 44.3 66.5
87 32.1 28.3 42.5
59 13.3 11.3 16.9

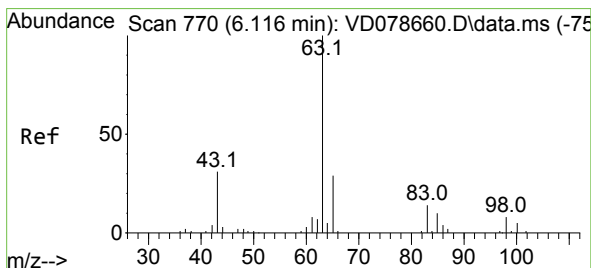
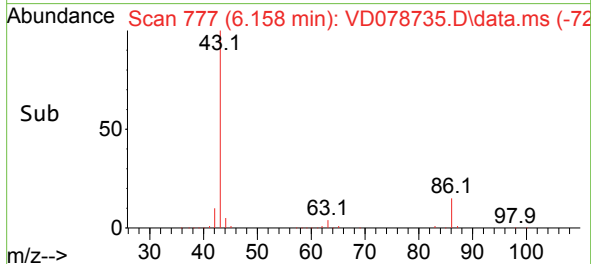
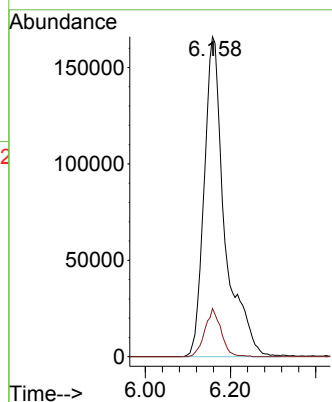
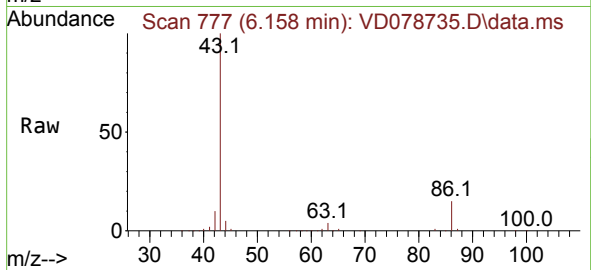




#23
 Vinyl Acetate
 Concen: 256.798 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078735.D
 Acq: 22 Mar 2024 11:41

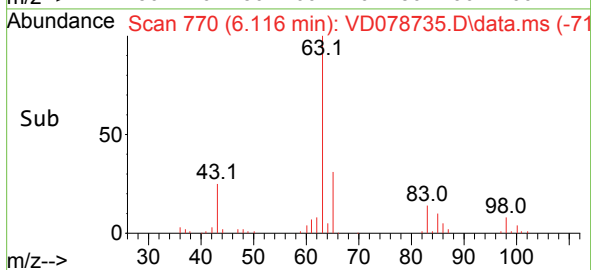
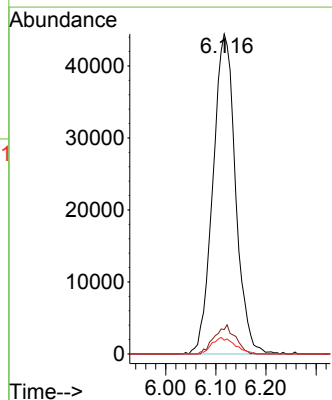
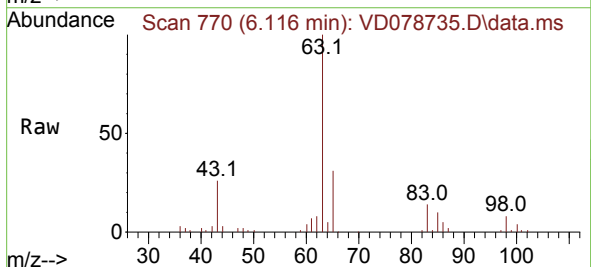
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

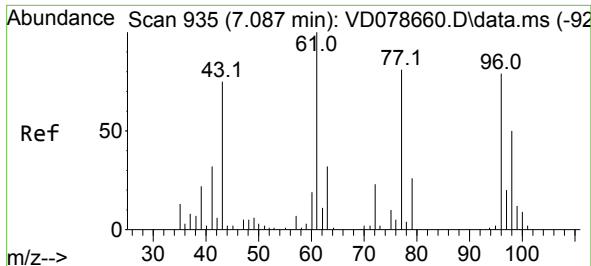
Tgt Ion: 43 Resp: 559049
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 49.875 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078735.D
 Acq: 22 Mar 2024 11:41

Tgt Ion: 63 Resp: 139168
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 11.9
 100 4.3 2.7 8.1





#25

2-Butanone

Concen: 247.468 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

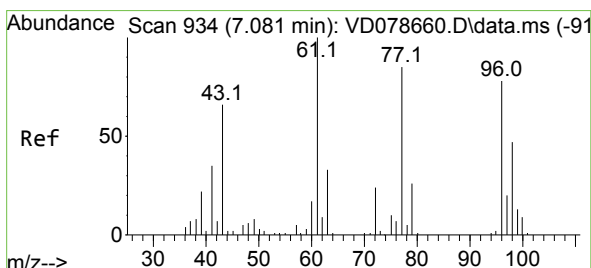
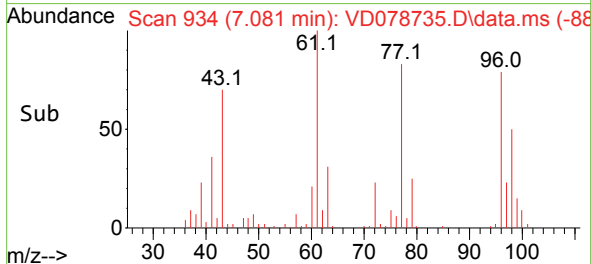
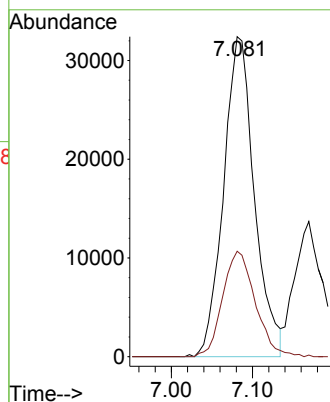
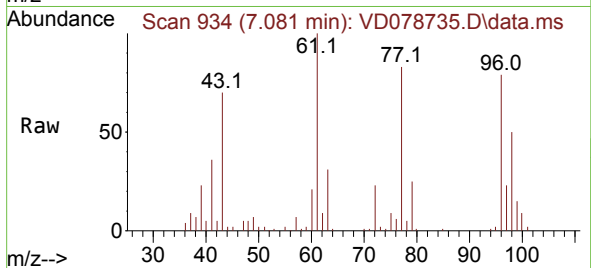
VSTDCCC050

Tgt Ion: 43 Resp: 85491

Ion Ratio Lower Upper

43 100

72 33.0 25.0 37.6



#26

2,2-Dichloropropane

Concen: 50.918 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078735.D

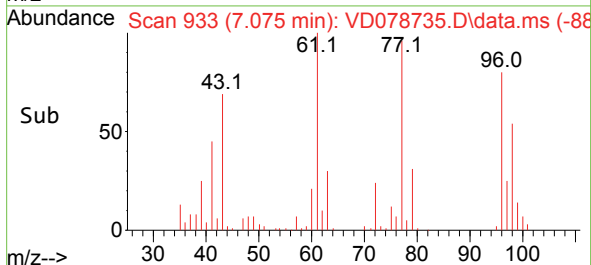
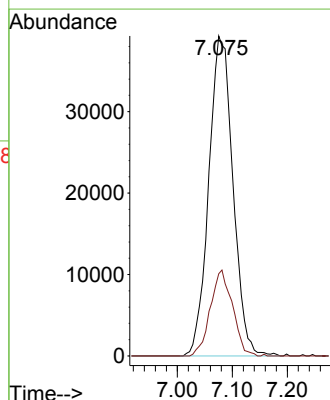
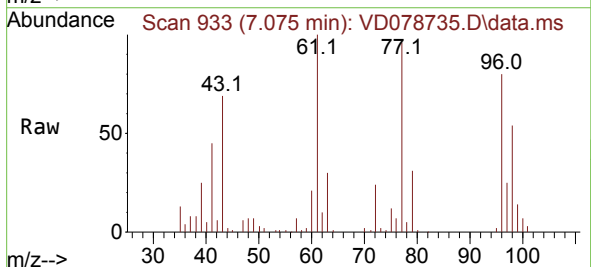
Acq: 22 Mar 2024 11:41

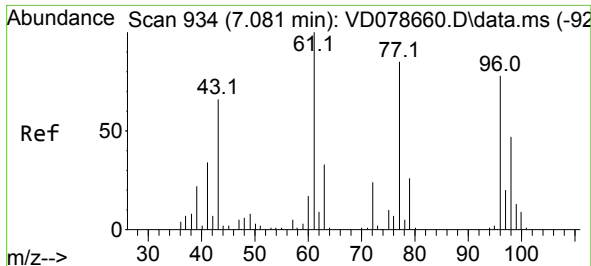
Tgt Ion: 77 Resp: 120206

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.0

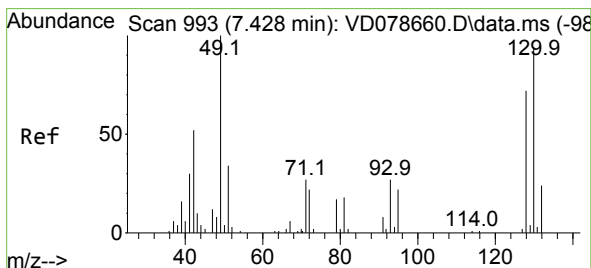
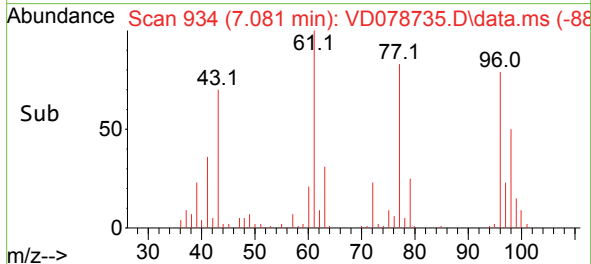
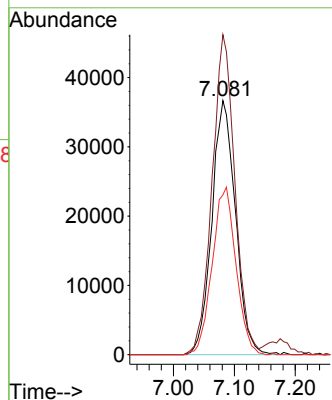
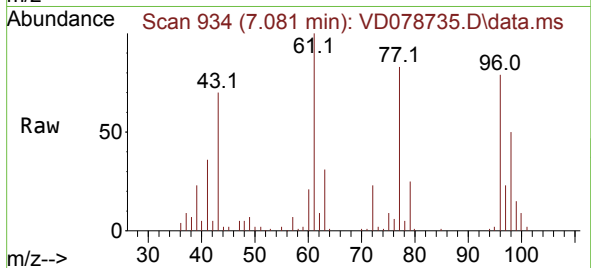




#27
cis-1,2-Dichloroethene
Concen: 50.108 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

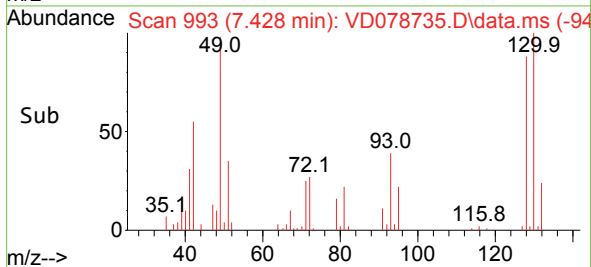
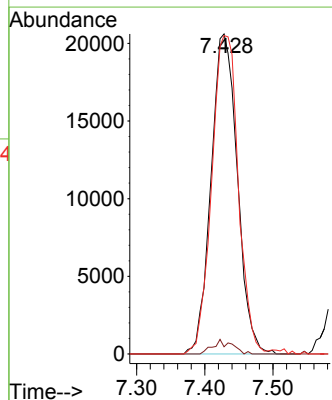
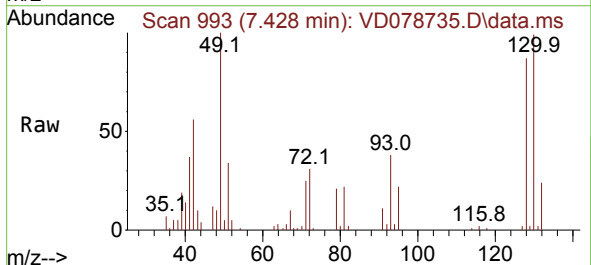
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

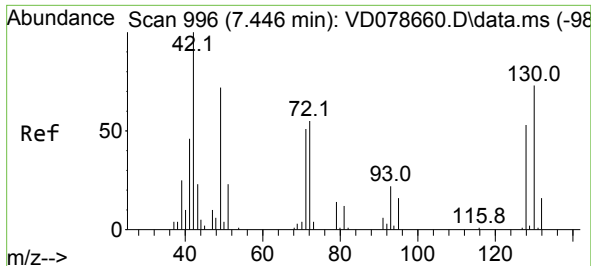
Tgt Ion: 96 Resp: 98933
Ion Ratio Lower Upper
96 100
61 121.4 0.0 245.0
98 66.3 0.0 126.6



#28
Bromochloromethane
Concen: 55.670 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 49 Resp: 55380
Ion Ratio Lower Upper
49 100
129 3.3 0.0 6.2
130 100.6 77.1 115.7

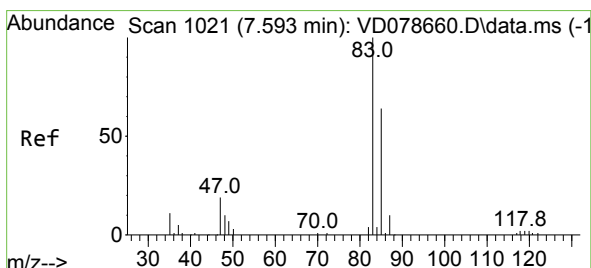
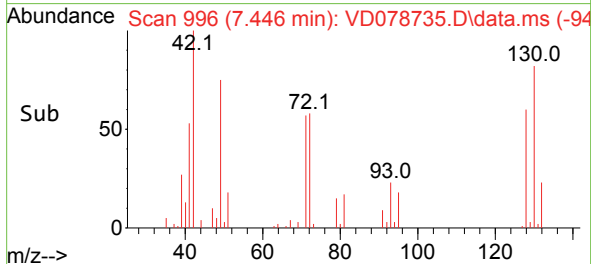
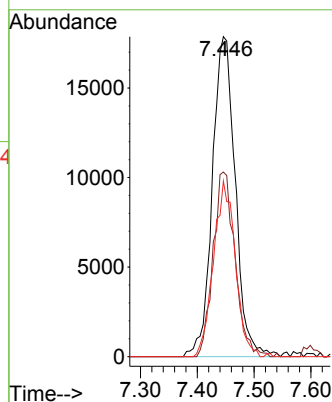
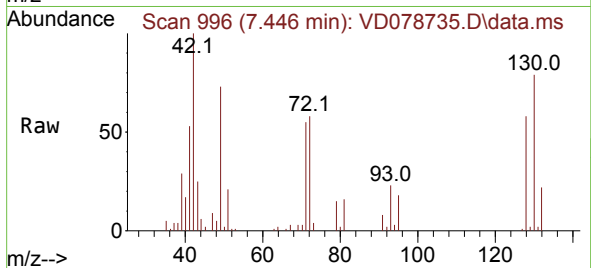




#29
Tetrahydrofuran
Concen: 266.197 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

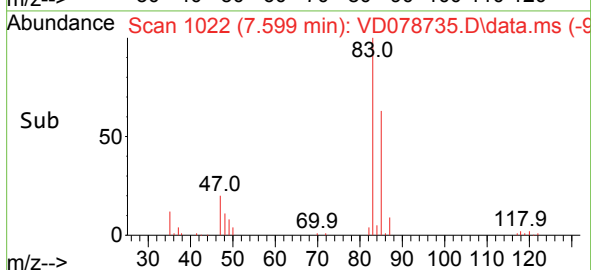
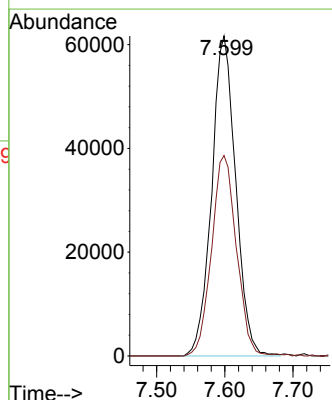
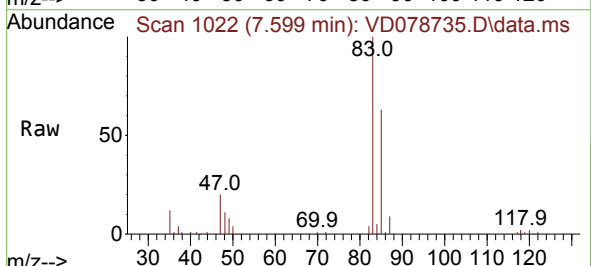
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

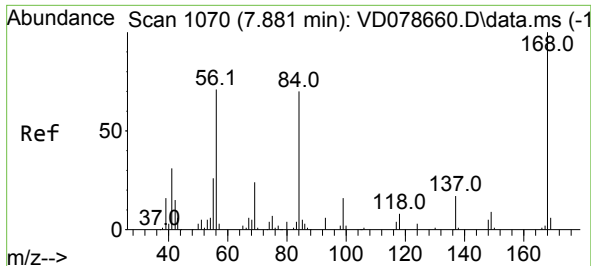
Tgt Ion:	42	Resp:	50018
Ion	Ratio	Lower	Upper
42	100		
72	54.9	43.8	65.6
71	52.2	42.0	63.0



#30
Chloroform
Concen: 48.683 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:	83	Resp:	151459
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8

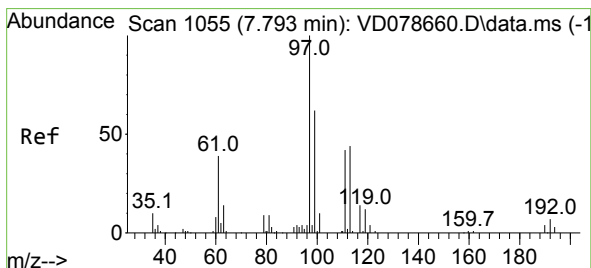
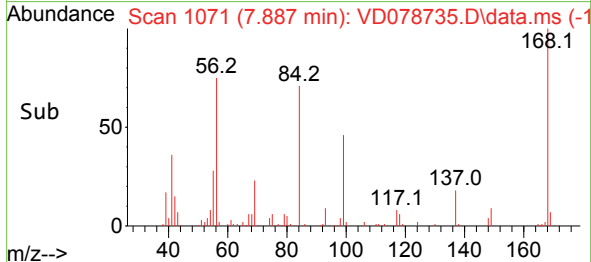
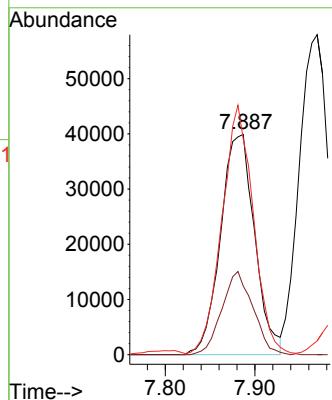
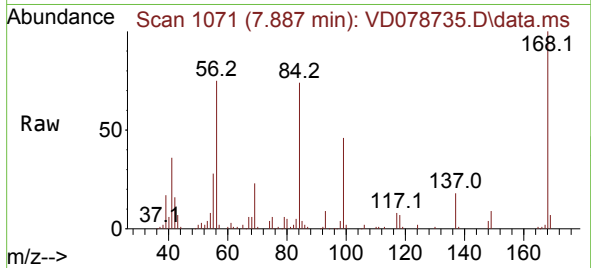




#31
Cyclohexane
Concen: 46.704 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

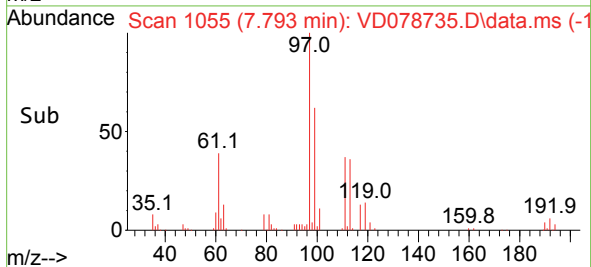
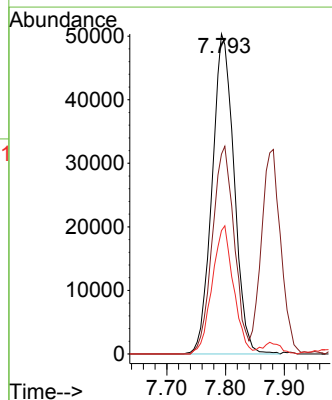
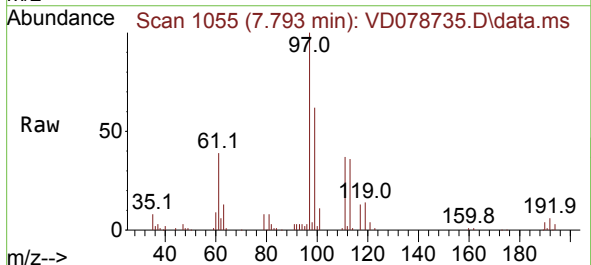
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

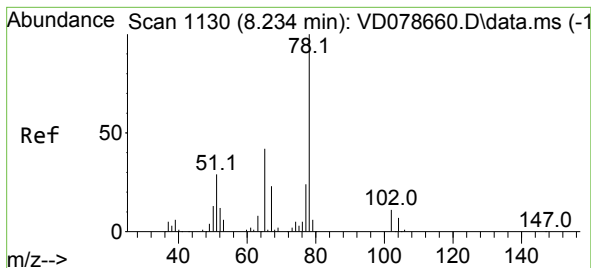
Tgt Ion: 56 Resp: 105483
Ion Ratio Lower Upper
56 100
69 31.2 26.6 40.0
84 96.6 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 49.499 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 97 Resp: 130659
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 39.0 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 45.426 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

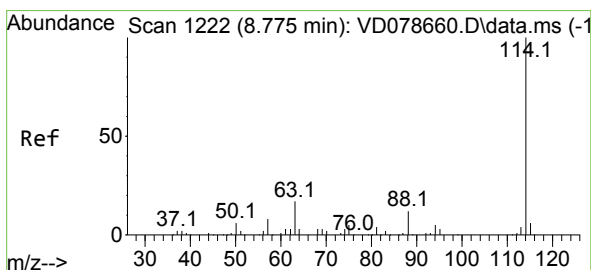
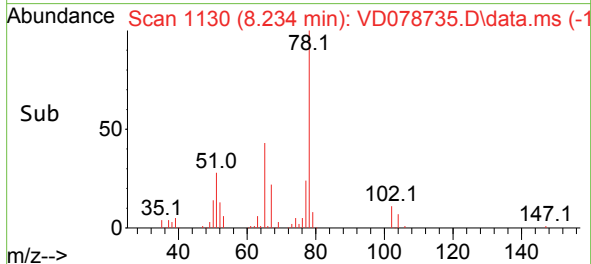
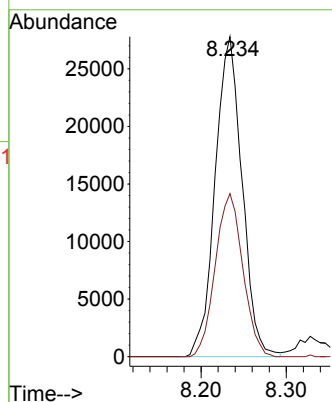
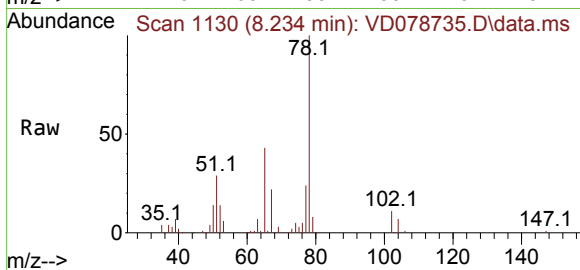
VSTDCCC050

Tgt Ion: 65 Resp: 61040

Ion Ratio Lower Upper

65 100

67 52.1 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: VD078735.D

Acq: 22 Mar 2024 11:41

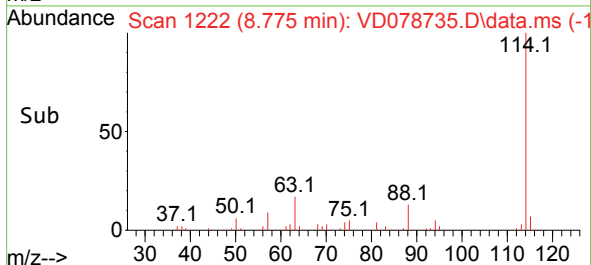
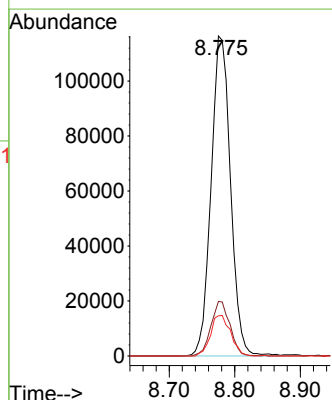
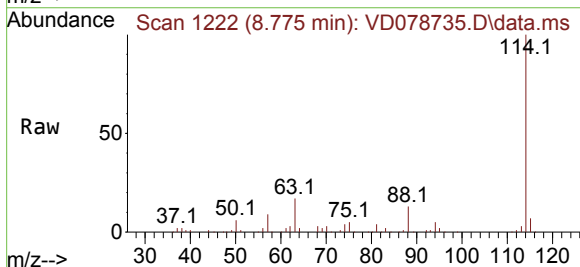
Tgt Ion: 114 Resp: 239378

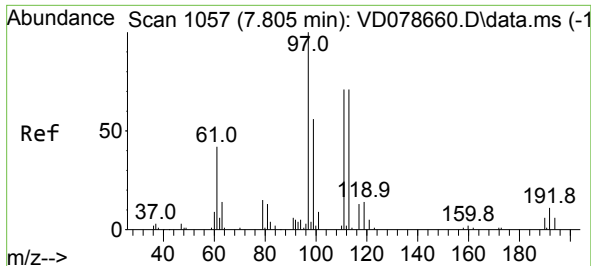
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 12.6 0.0 24.6

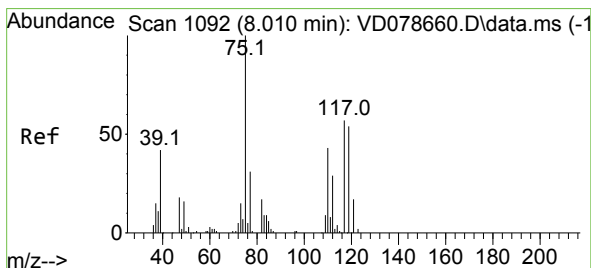
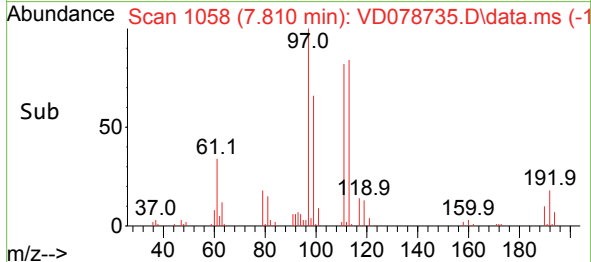
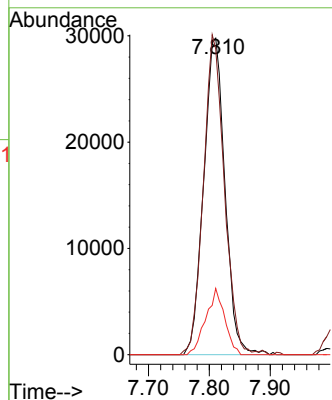
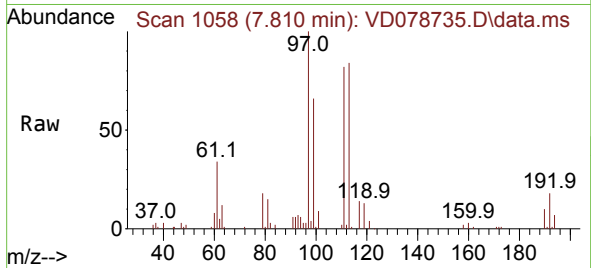




#35
Dibromofluoromethane
Concen: 47.023 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

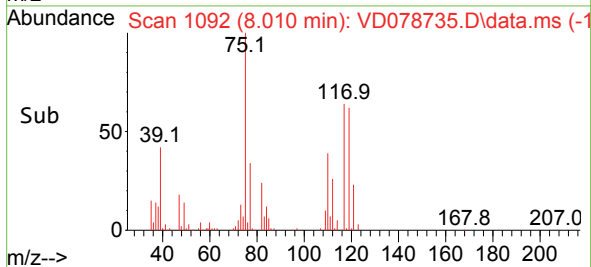
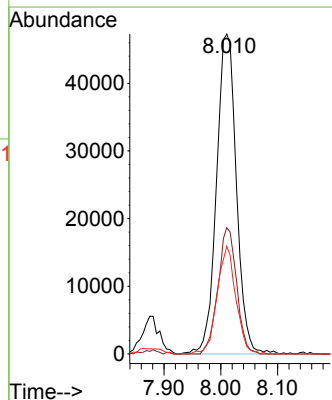
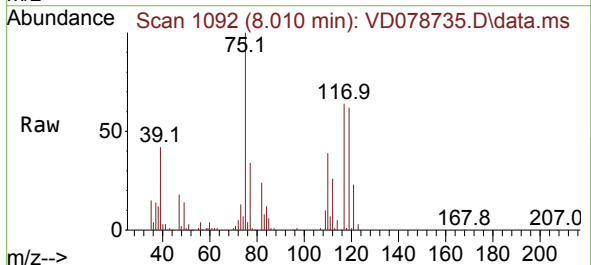
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

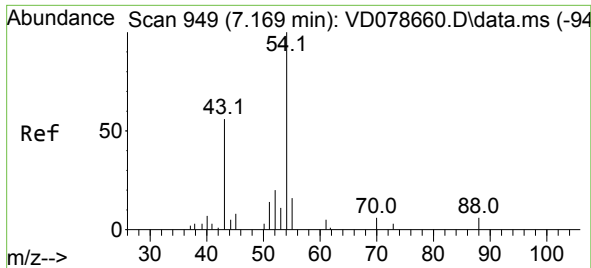
Tgt Ion:113 Resp: 72474
Ion Ratio Lower Upper
113 100
111 98.8 81.9 122.9
192 18.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 51.621 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 75 Resp: 115437
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.1
77 31.6 25.4 38.2

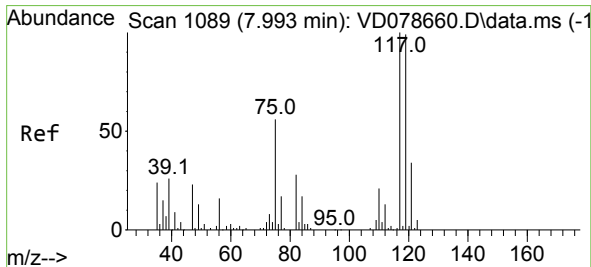
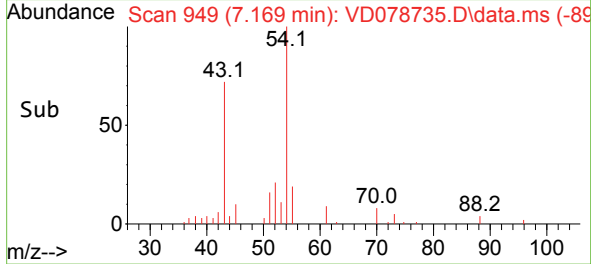
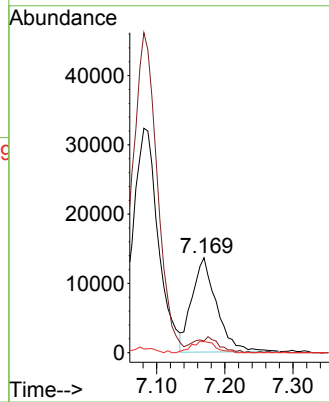
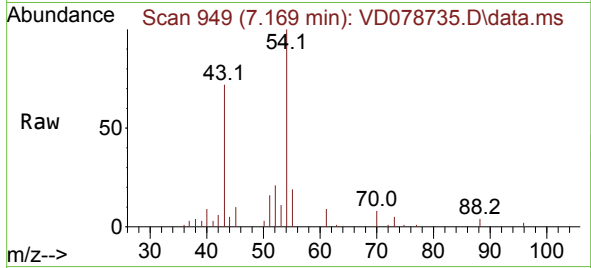




#37
Ethyl Acetate
Concen: 46.775 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

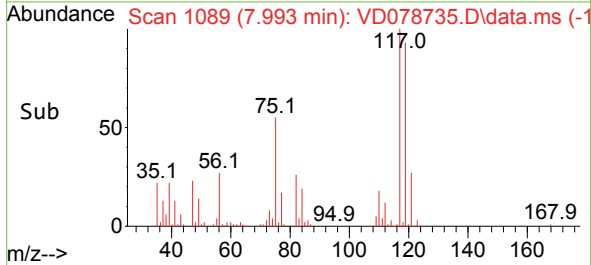
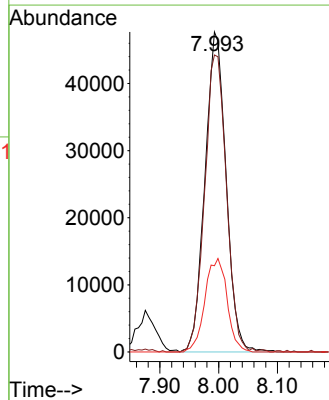
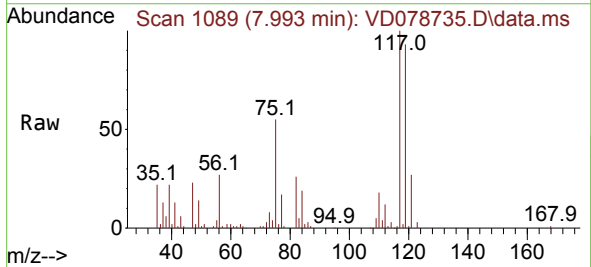
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

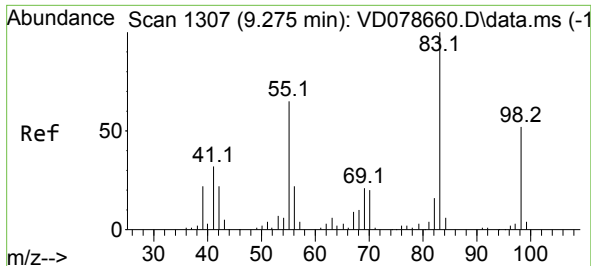
Tgt Ion:	43	Resp:	34171
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.6	21.8
70	11.8	9.4	14.0



#38
Carbon Tetrachloride
Concen: 50.547 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:	117	Resp:	119165
Ion	Ratio	Lower	Upper
117	100		
119	92.8	79.2	118.8
121	26.9	26.8	40.2





#39

Methylcyclohexane

Concen: 49.718 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

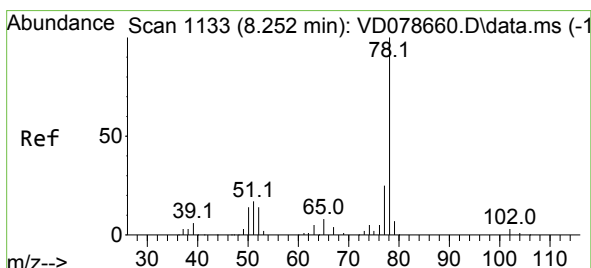
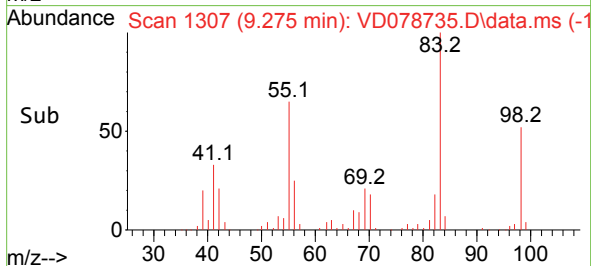
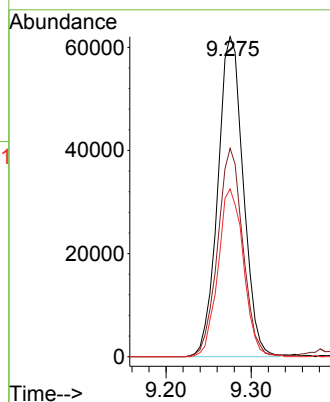
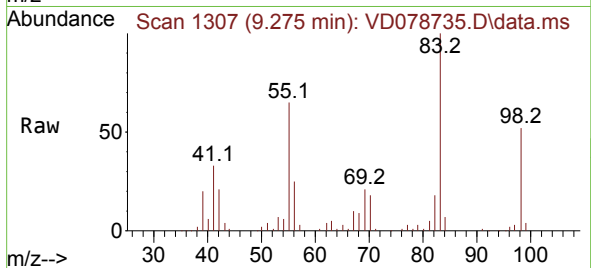
Tgt Ion: 83 Resp: 128973

Ion Ratio Lower Upper

83 100

55 65.1 51.7 77.5

98 52.4 41.4 62.0



#40

Benzene

Concen: 50.143 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078735.D

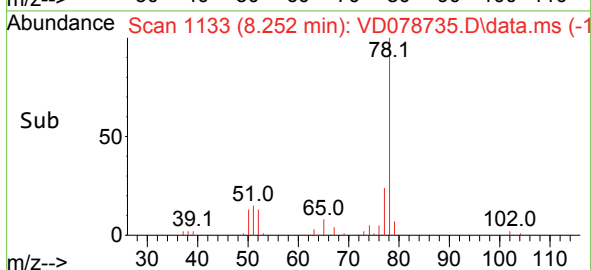
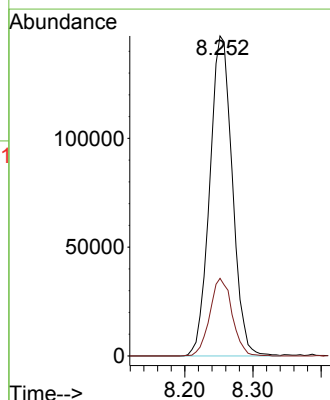
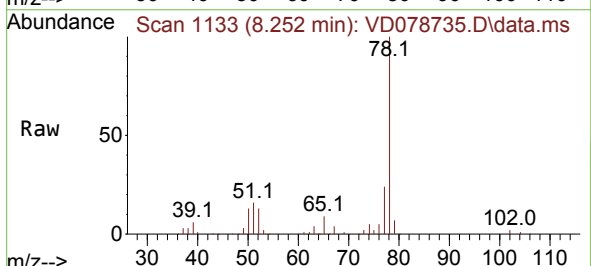
Acq: 22 Mar 2024 11:41

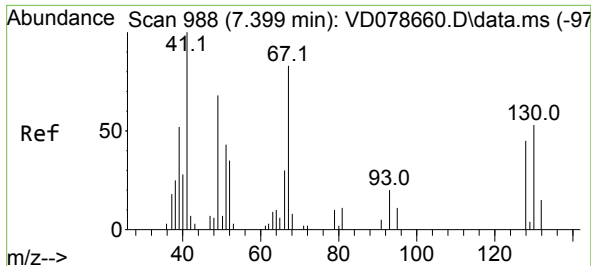
Tgt Ion: 78 Resp: 338960

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

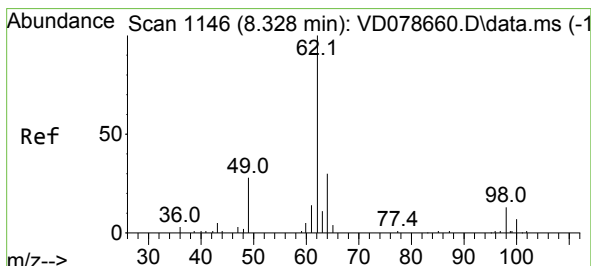
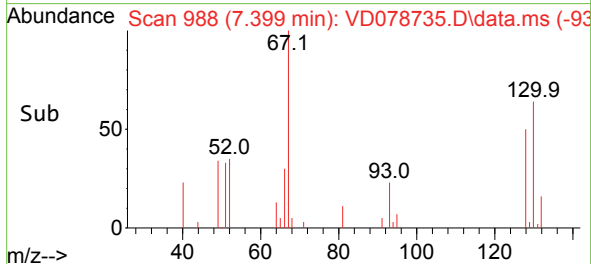
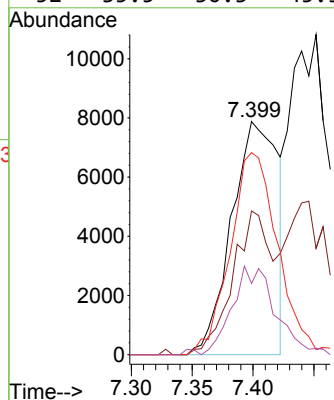
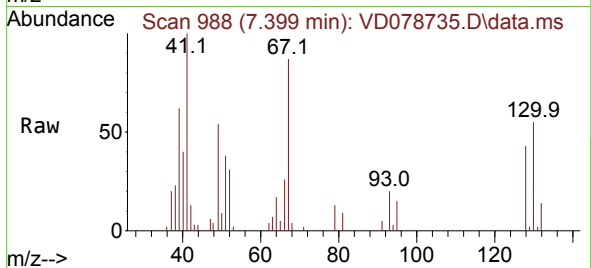




#41
Methacrylonitrile
Concen: 54.227 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

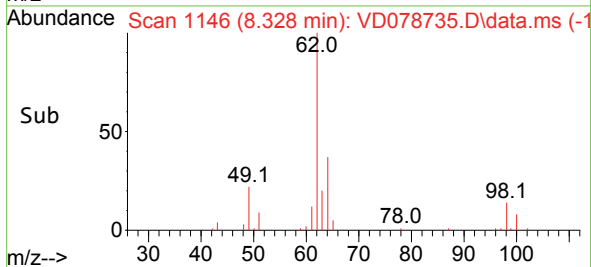
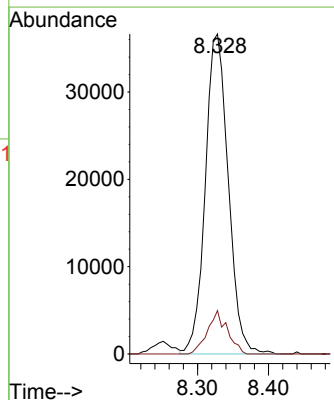
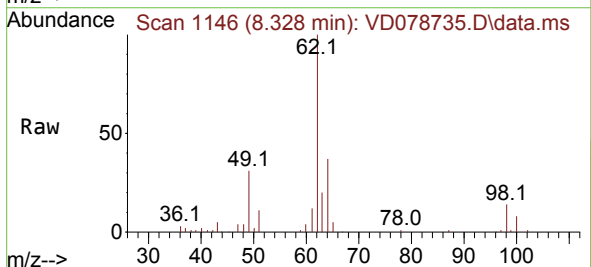
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

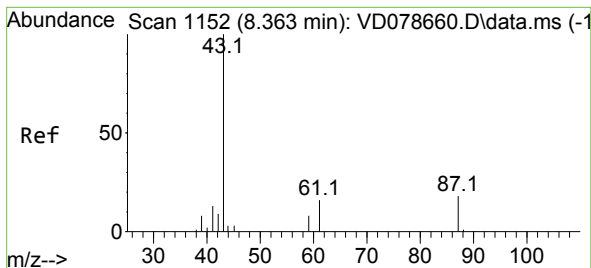
Tgt Ion:	41	Resp:	20760
Ion	Ratio	Lower	Upper
41	100		
39	49.5	39.8	59.6
67	89.6	83.5	125.3
52	35.5	30.3	45.5



#42
1,2-Dichloroethane
Concen: 49.959 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:	62	Resp:	82358
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	23.8





#43

Isopropyl Acetate

Concen: 50.134 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

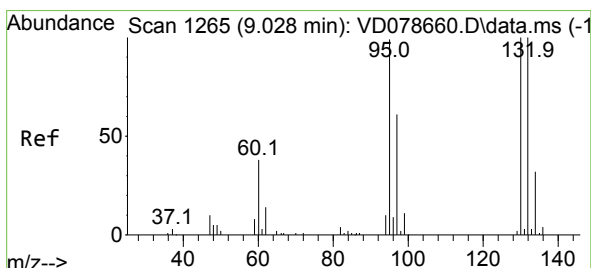
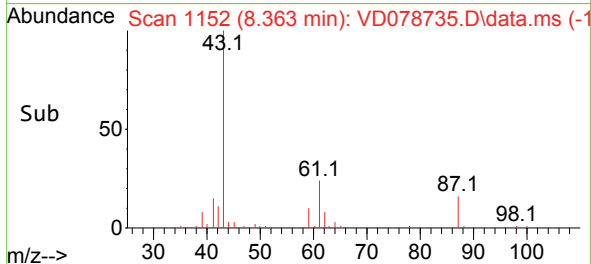
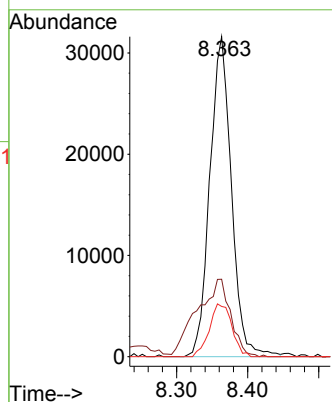
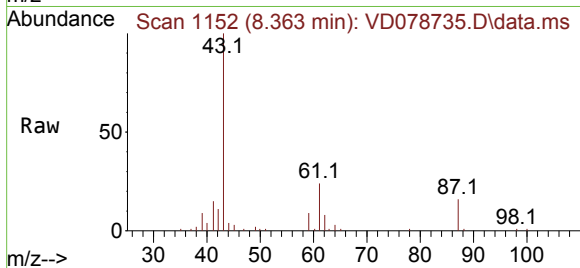
Tgt Ion: 43 Resp: 66606

Ion Ratio Lower Upper

43 100

61 37.6 30.1 45.1

87 17.2 14.4 21.6



#44

Trichloroethene

Concen: 49.458 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078735.D

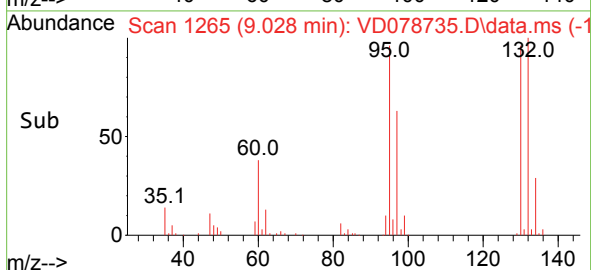
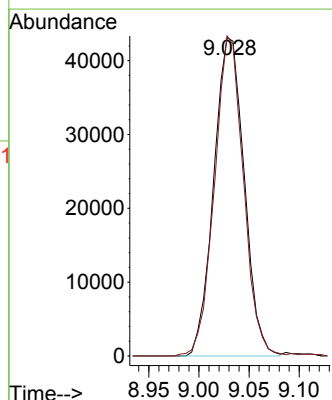
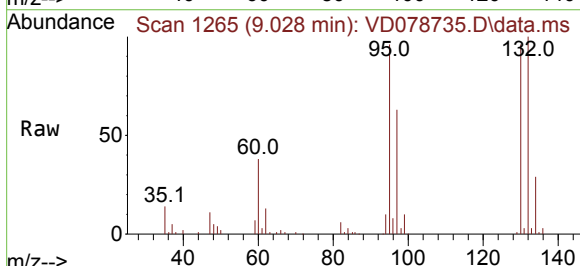
Acq: 22 Mar 2024 11:41

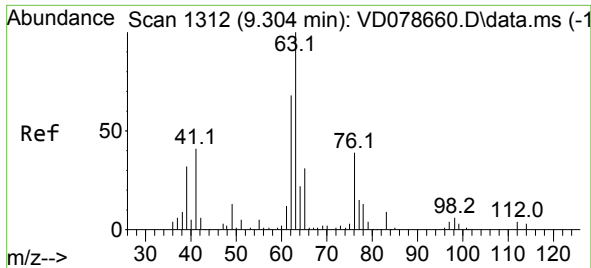
Tgt Ion:130 Resp: 90731

Ion Ratio Lower Upper

130 100

95 100.0 0.0 197.8

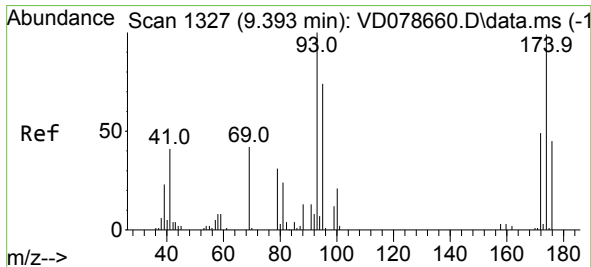
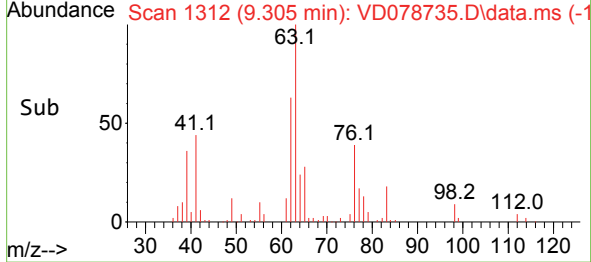
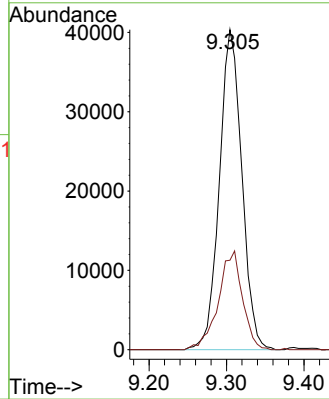
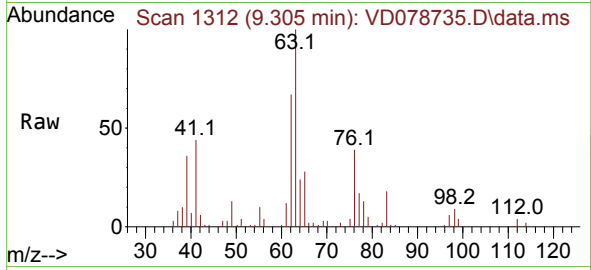




#45
1,2-Dichloropropane
Concen: 50.696 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

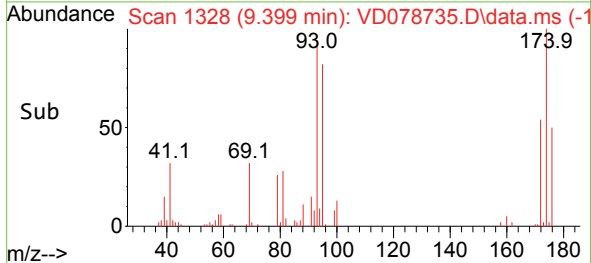
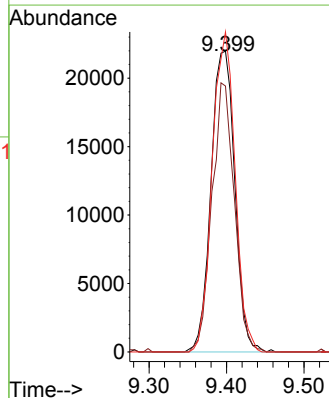
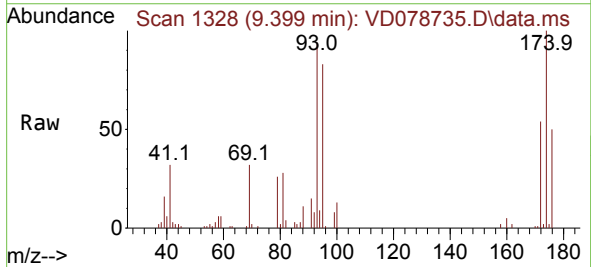
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

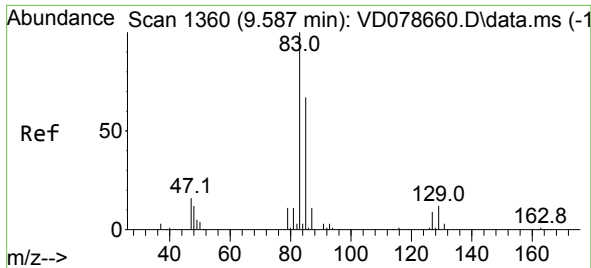
Tgt Ion: 63 Resp: 81294
Ion Ratio Lower Upper
63 100
65 28.0 24.8 37.2



#46
Dibromomethane
Concen: 48.894 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 93 Resp: 47000
Ion Ratio Lower Upper
93 100
95 84.2 67.3 100.9
174 101.7 80.9 121.3

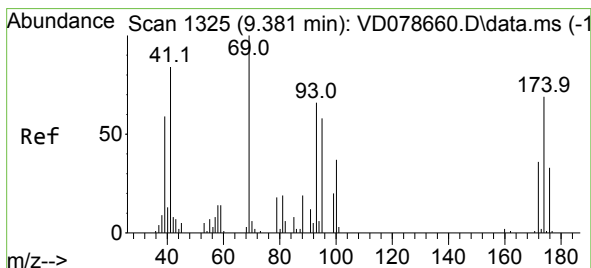
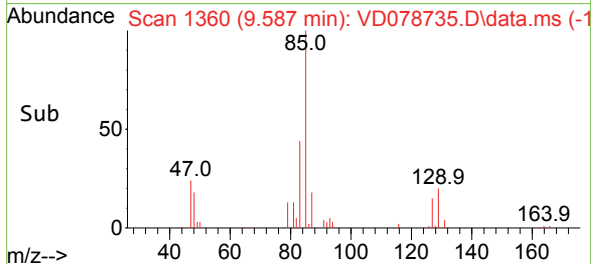
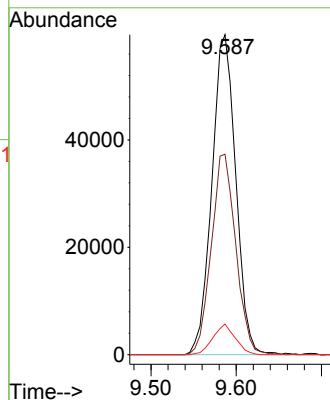
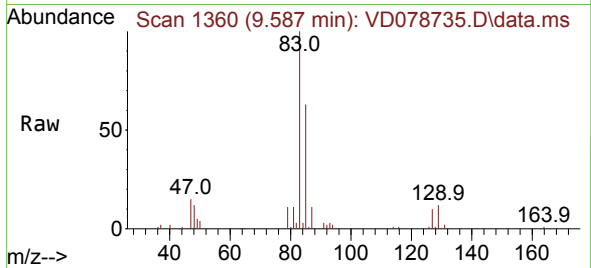




#47
Bromodichloromethane
Concen: 50.787 ug/l
RT: 9.587 min Scan# 116218
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

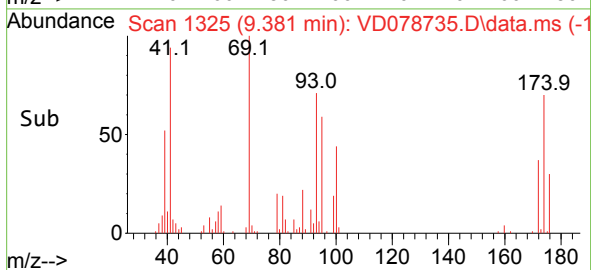
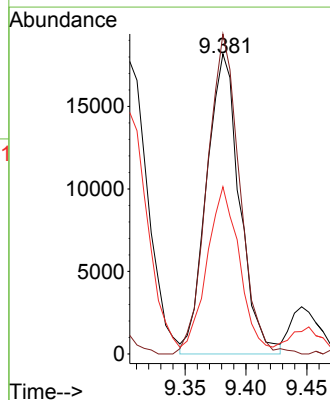
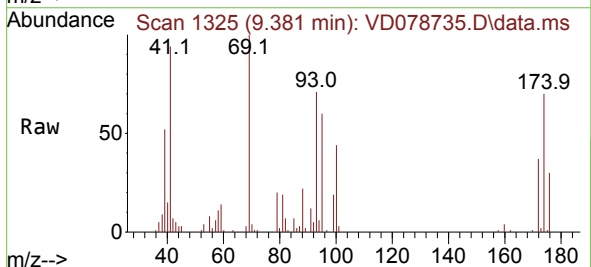
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

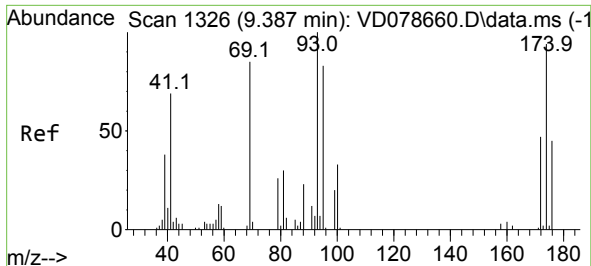
Tgt Ion:	83	Resp:	116218
Ion	Ratio	Lower	Upper
83	100		
85	62.7	54.0	81.0
127	9.6	7.1	10.7



#48
Methyl methacrylate
Concen: 53.157 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:	41	Resp:	34411
Ion	Ratio	Lower	Upper
41	100		
69	104.8	88.3	132.5
39	55.3	46.6	69.8

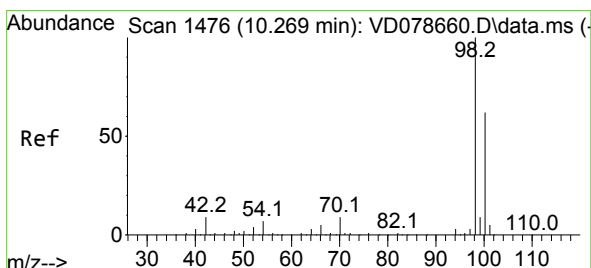
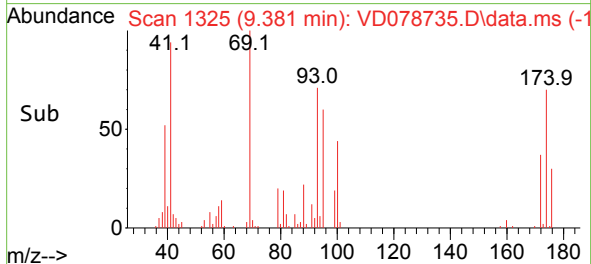
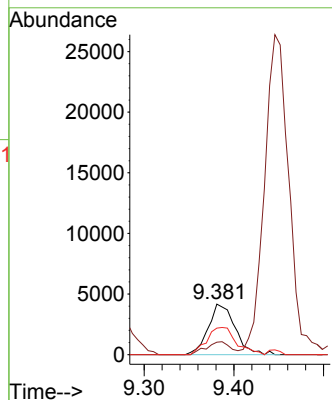
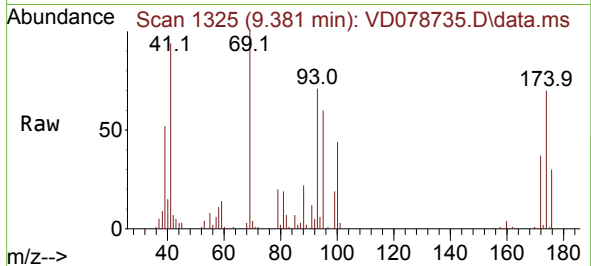




#49
1,4-Dioxane
Concen: 972.899 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

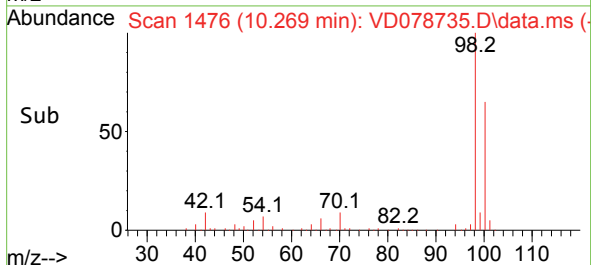
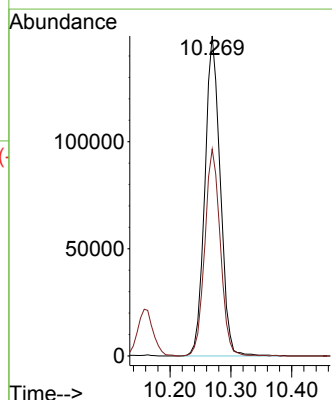
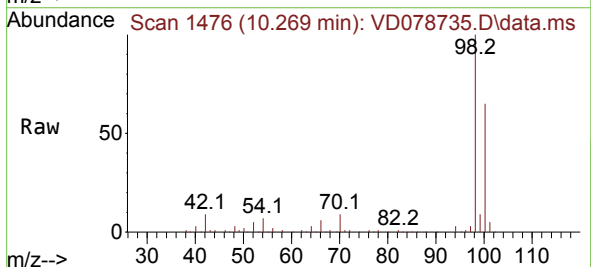
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

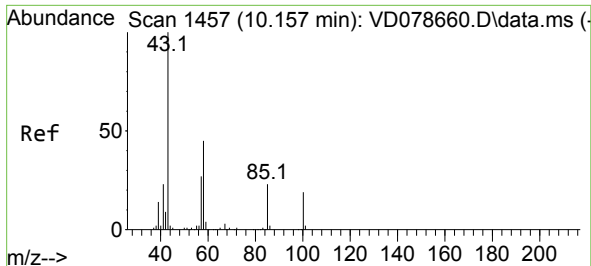
Tgt Ion: 88 Resp: 8659
Ion Ratio Lower Upper
88 100
43 23.3 23.2 34.8
58 58.9 51.0 76.6



#50
Toluene-d8
Concen: 46.322 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 98 Resp: 262563
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7

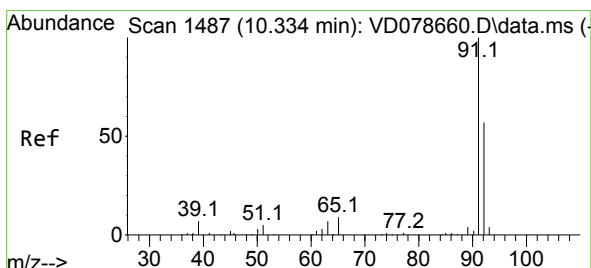
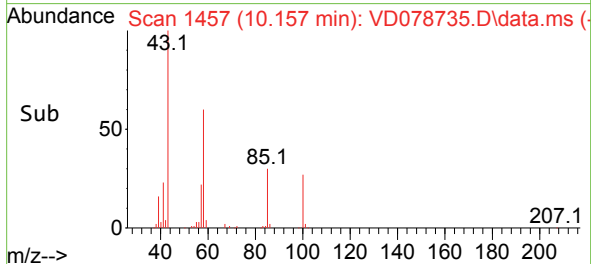
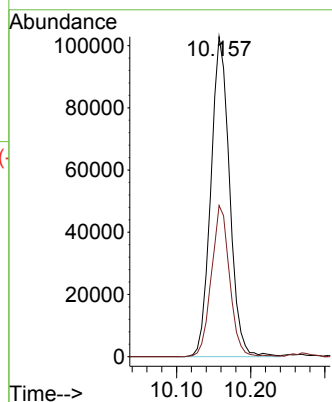
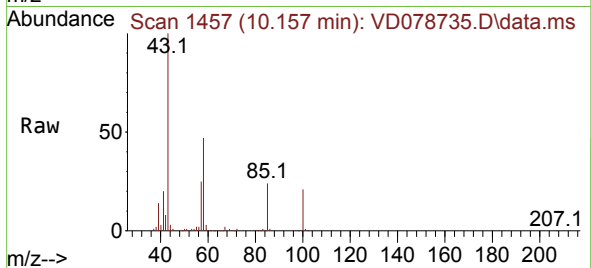




#51
4-Methyl-2-Pentanone
Concen: 259.882 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

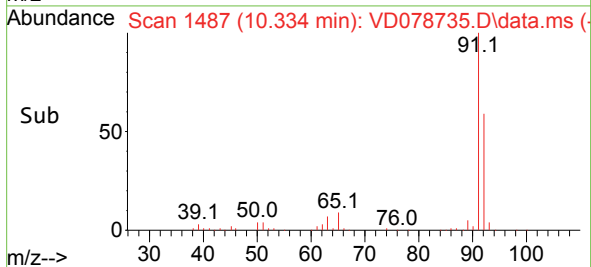
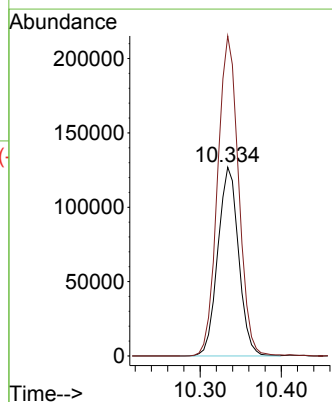
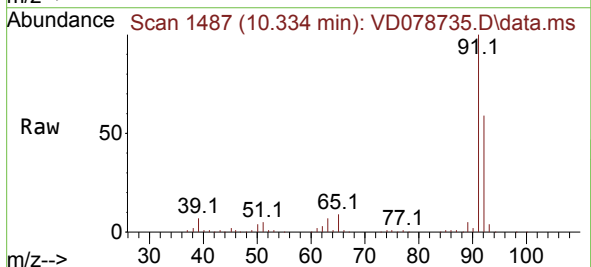
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

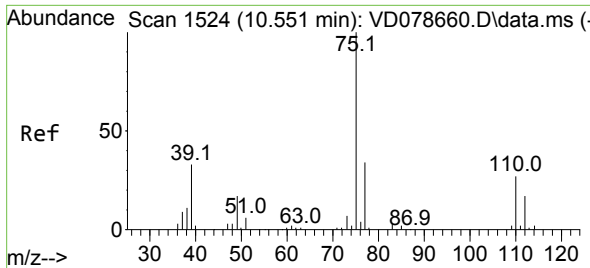
Tgt Ion: 43 Resp: 180506
Ion Ratio Lower Upper
43 100
58 46.0 36.4 54.6



#52
Toluene
Concen: 51.822 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 92 Resp: 225534
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0

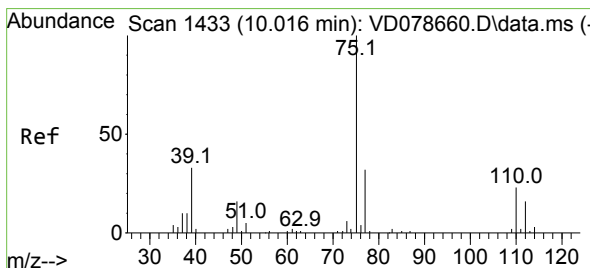
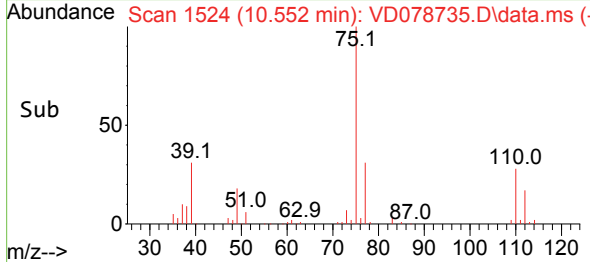
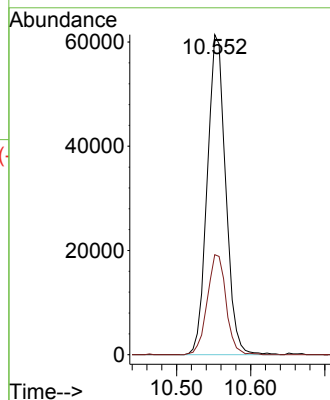
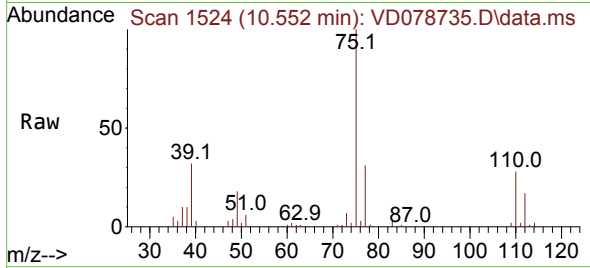




#53
t-1,3-Dichloropropene
Concen: 50.610 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

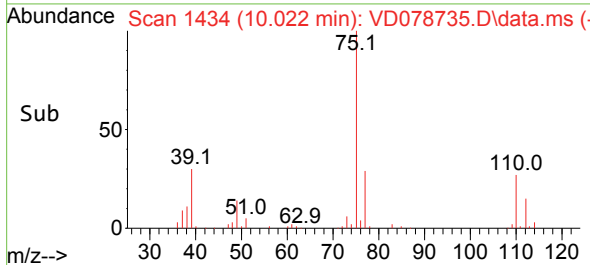
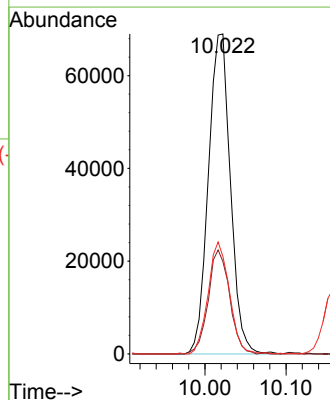
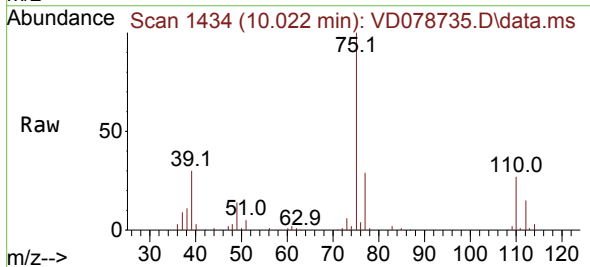
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

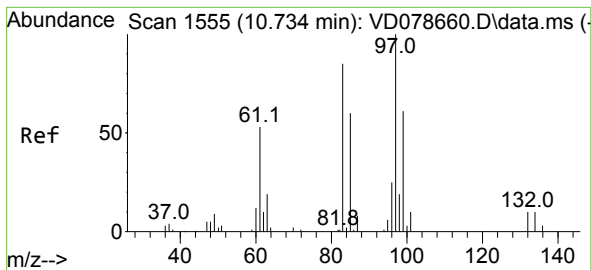
Tgt Ion: 75 Resp: 105889
Ion Ratio Lower Upper
75 100
77 31.3 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 51.659 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 75 Resp: 129933
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0
39 30.2 26.7 40.1



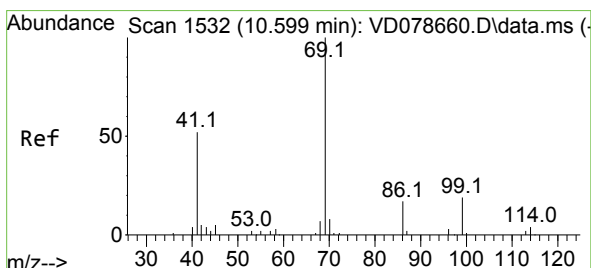
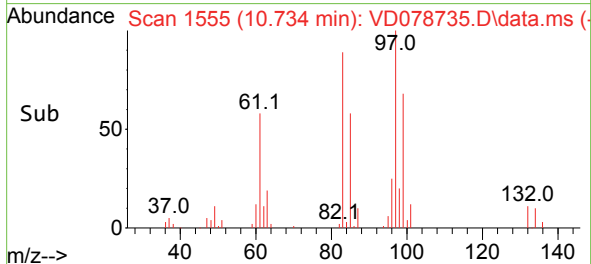
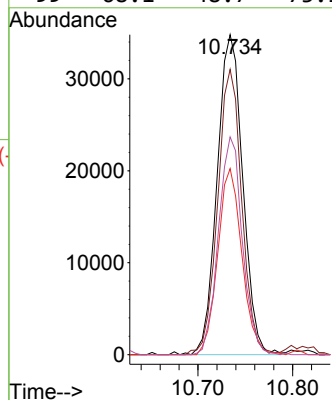
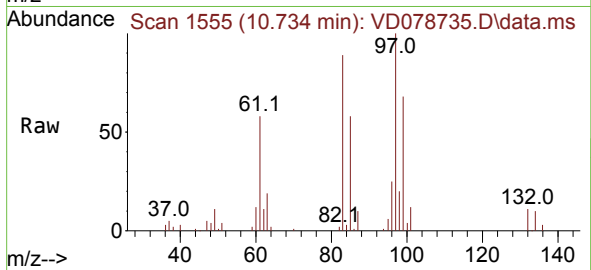


#55
 1,1,2-Trichloroethane
 Concen: 50.836 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078735.D
 Acq: 22 Mar 2024 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 65438

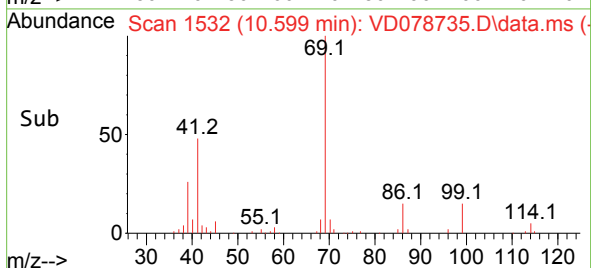
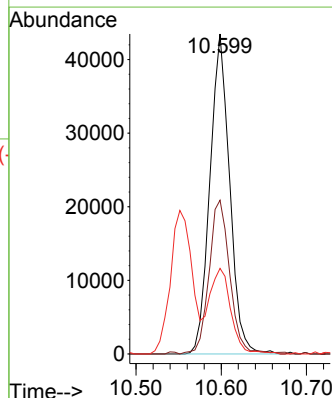
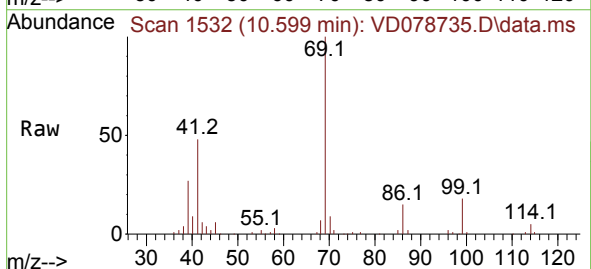
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.1	102.1
85	58.1	48.2	72.2
99	68.1	48.7	73.1

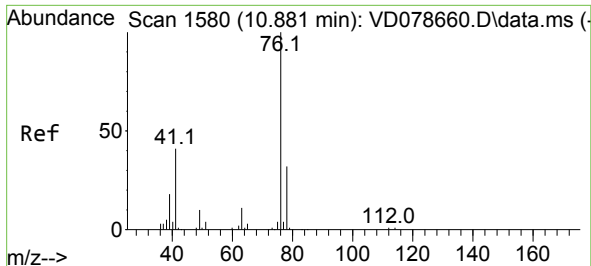


#56
 Ethyl methacrylate
 Concen: 54.168 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078735.D
 Acq: 22 Mar 2024 11:41

Tgt Ion: 69 Resp: 69900

Ion	Ratio	Lower	Upper
69	100		
41	50.7	40.9	61.3
39	29.9	25.5	38.3





#57

1,3-Dichloropropane

Concen: 50.684 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

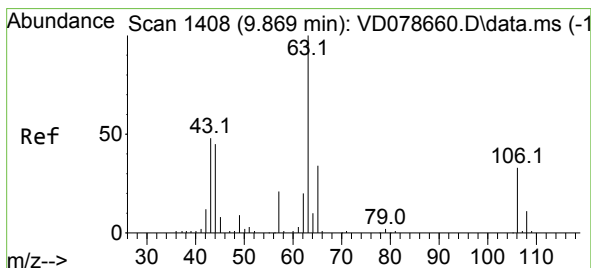
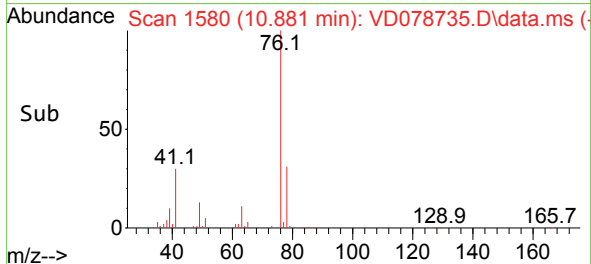
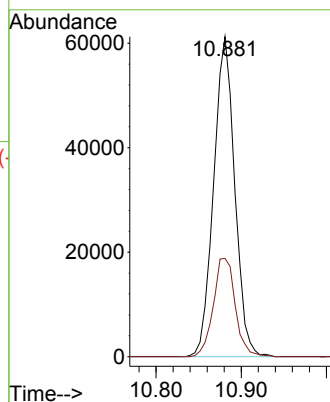
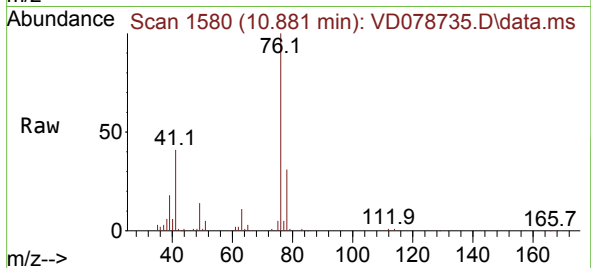
VSTDCCC050

Tgt Ion: 76 Resp: 105273

Ion Ratio Lower Upper

76 100

78 32.1 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 250.799 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078735.D

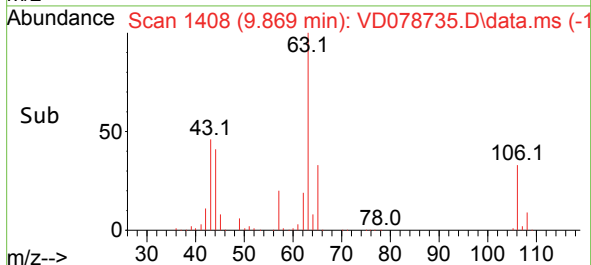
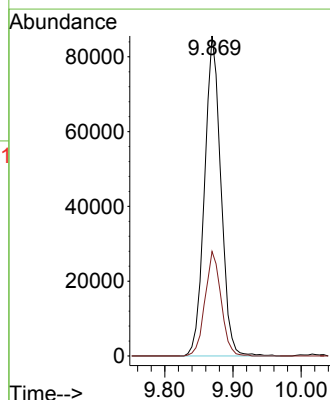
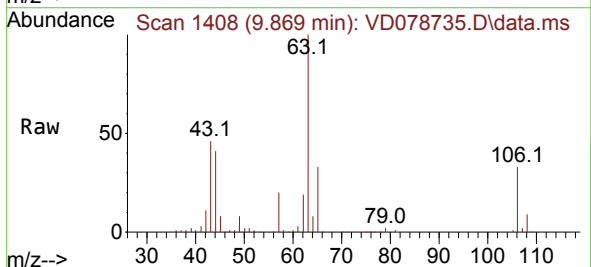
Acq: 22 Mar 2024 11:41

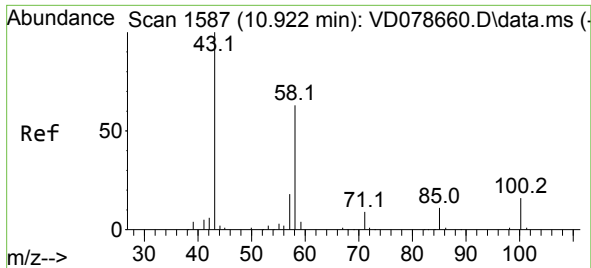
Tgt Ion: 63 Resp: 142705

Ion Ratio Lower Upper

63 100

106 32.1 25.2 37.8

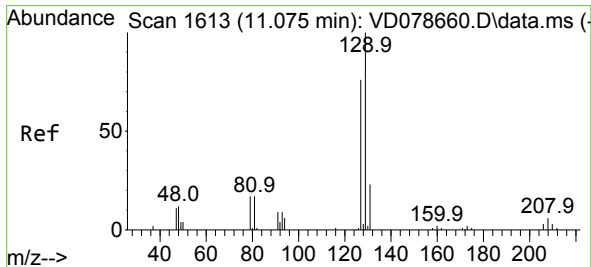
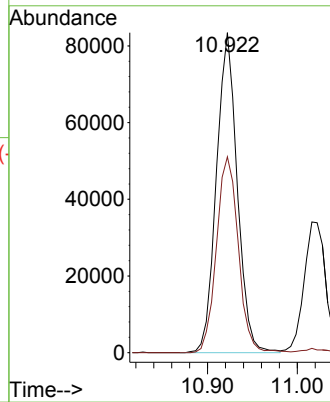
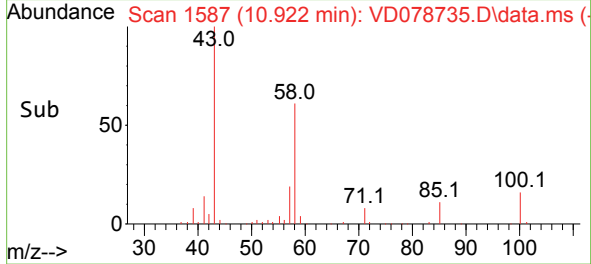
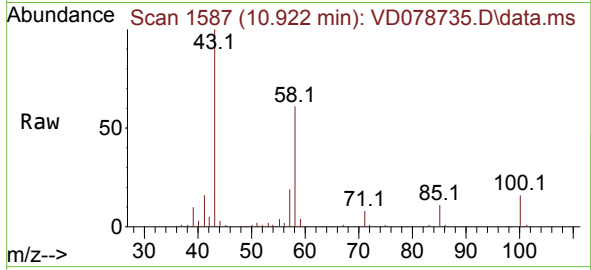




#59
2-Hexanone
Concen: 261.447 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

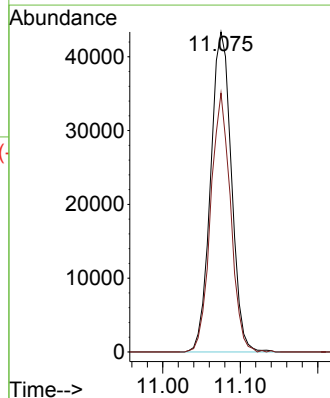
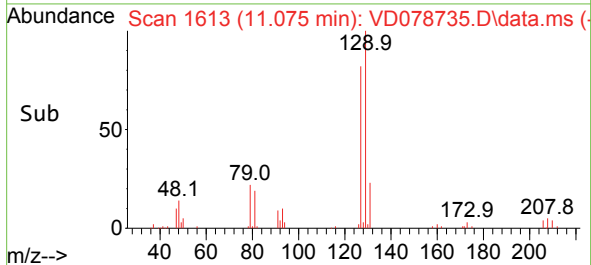
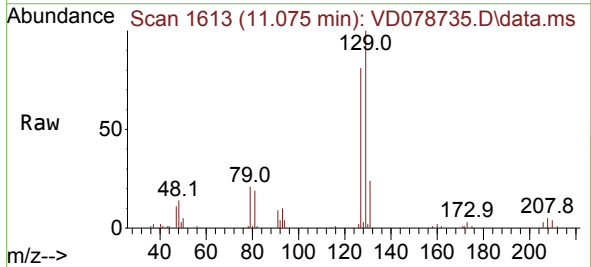
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

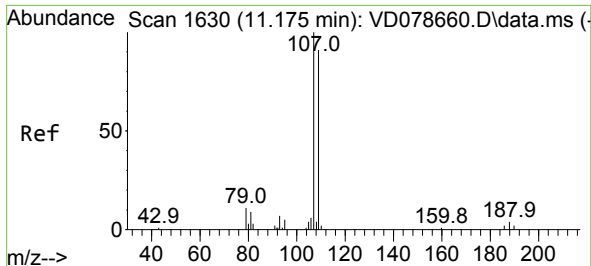
Tgt Ion: 43 Resp: 134616
Ion Ratio Lower Upper
43 100
58 64.1 31.5 94.5



#60
Dibromochloromethane
Concen: 50.947 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 129 Resp: 80876
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3

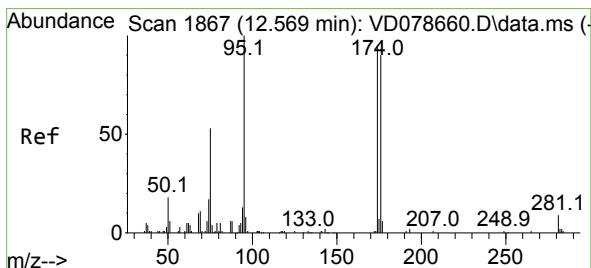
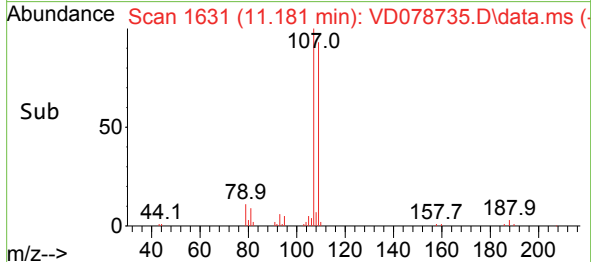
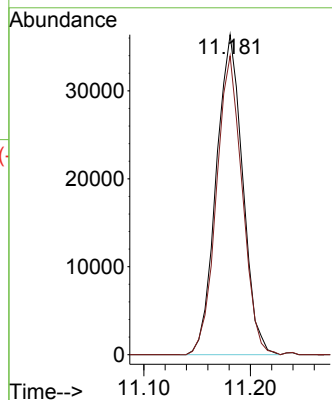
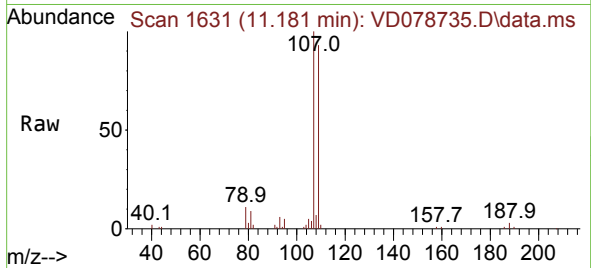




#61
1,2-Dibromoethane
Concen: 50.407 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

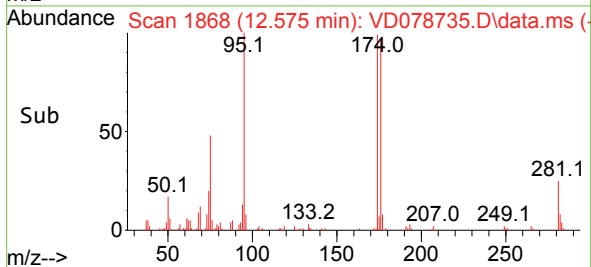
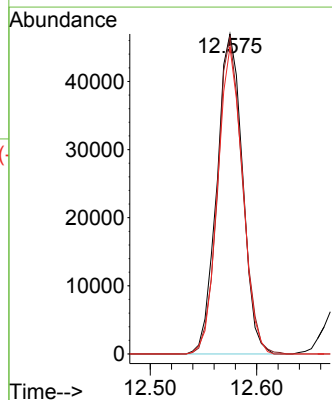
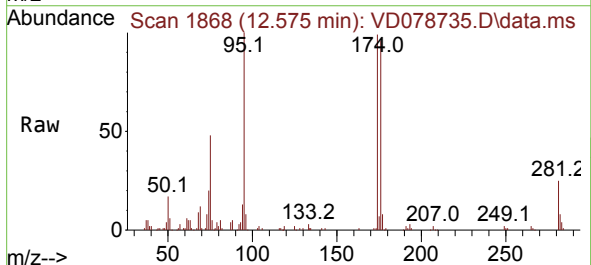
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

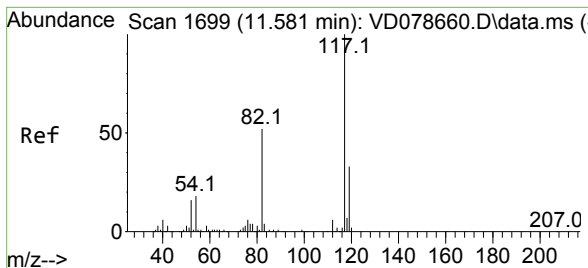
Tgt Ion:107 Resp: 62794
Ion Ratio Lower Upper
107 100
109 91.2 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 95 Resp: 78322
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.2
176 93.1 0.0 188.2

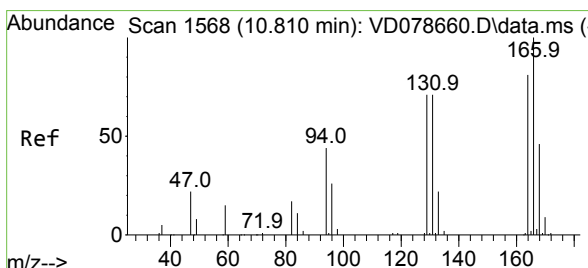
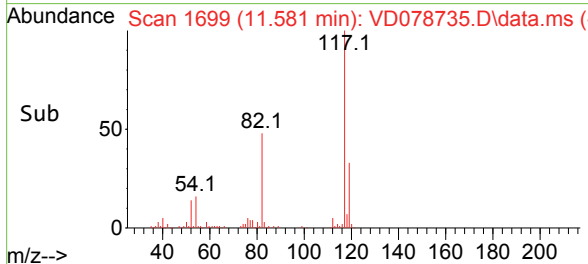
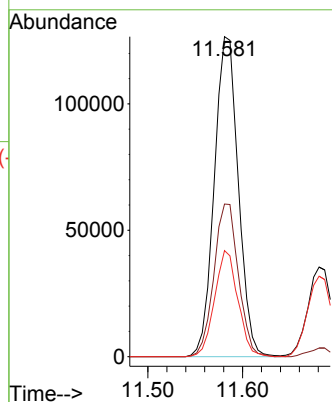
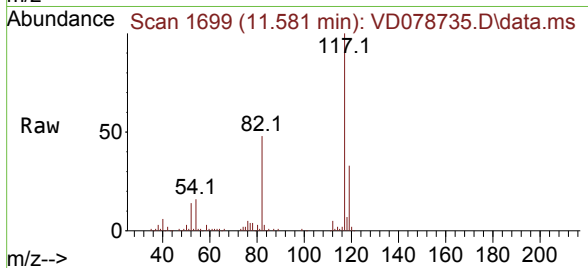




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

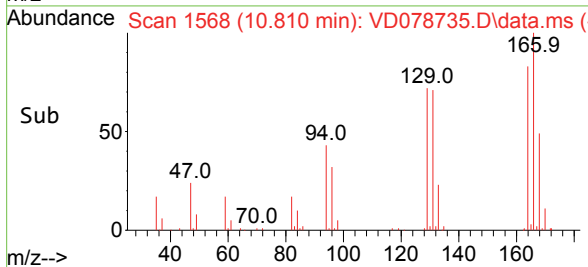
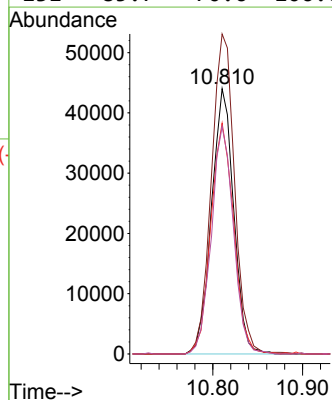
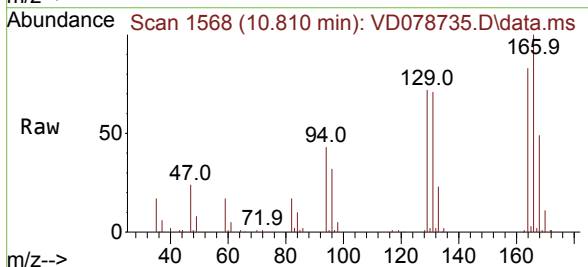
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

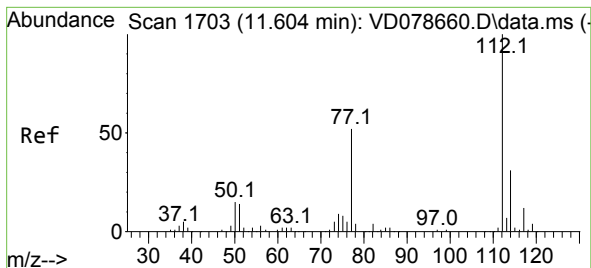
Tgt Ion:117 Resp: 223354
Ion Ratio Lower Upper
117 100
82 47.7 41.4 62.2
119 33.2 26.5 39.7



#64
Tetrachloroethene
Concen: 51.079 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:164 Resp: 75498
Ion Ratio Lower Upper
164 100
166 120.7 98.9 148.3
129 87.0 70.3 105.5
131 85.7 70.6 106.0





#65

Chlorobenzene

Concen: 51.207 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

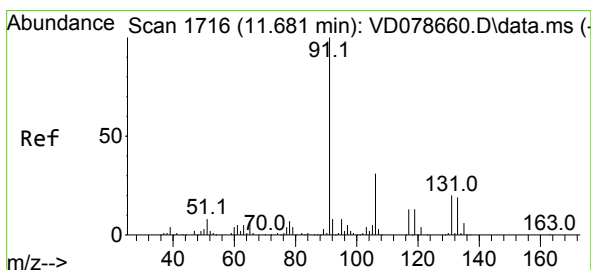
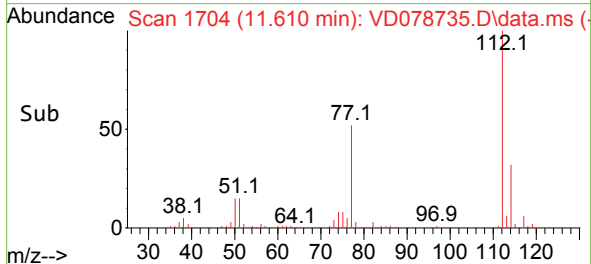
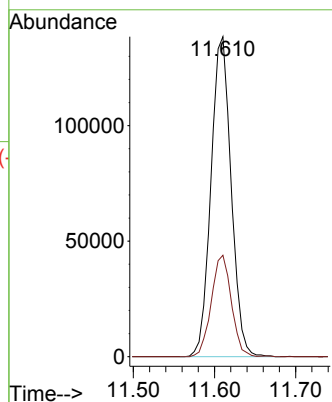
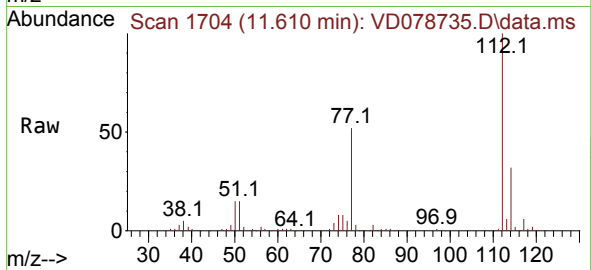
VSTDCCC050

Tgt Ion:112 Resp: 239004

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.776 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

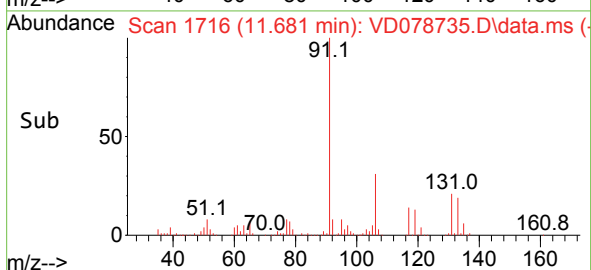
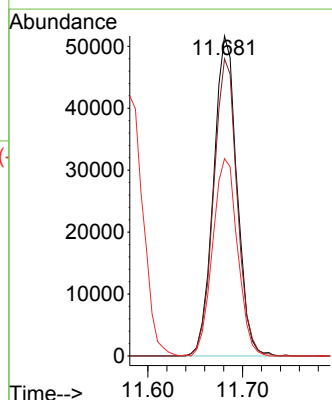
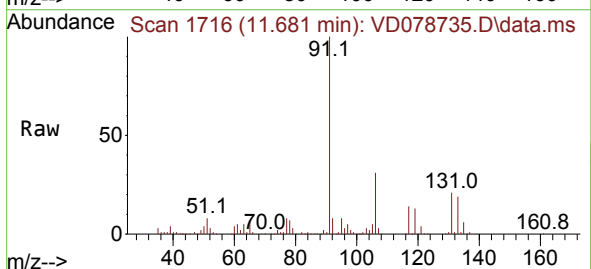
Tgt Ion:131 Resp: 88502

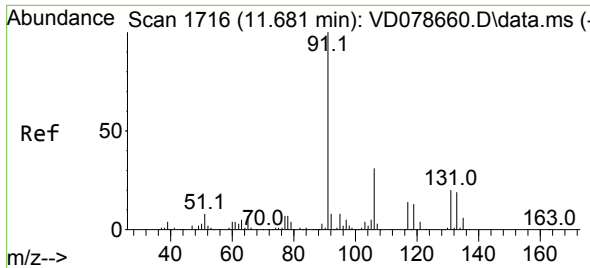
Ion Ratio Lower Upper

131 100

133 93.7 47.6 142.9

119 65.8 34.1 102.3

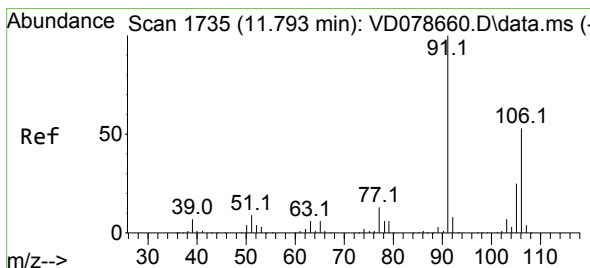
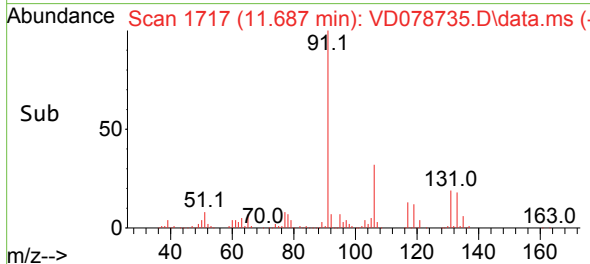
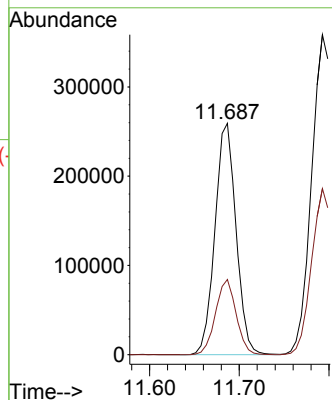
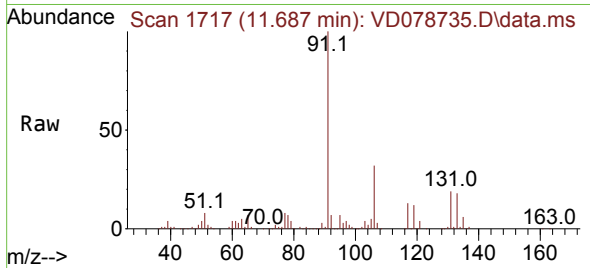




#67
Ethyl Benzene
Concen: 53.180 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

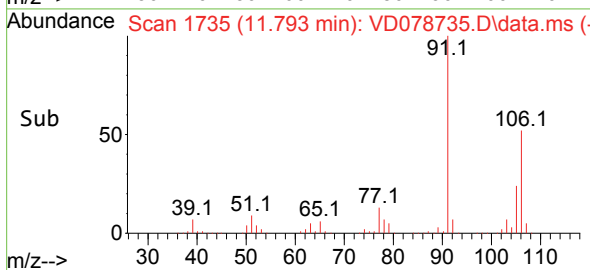
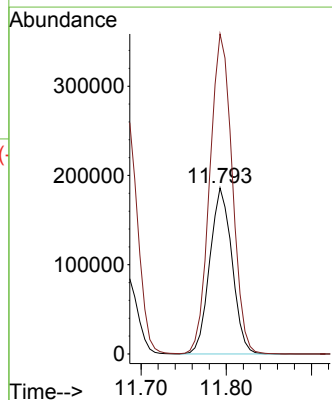
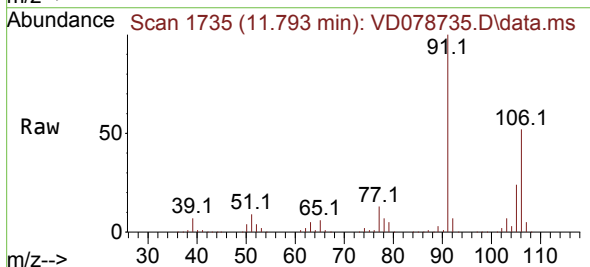
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

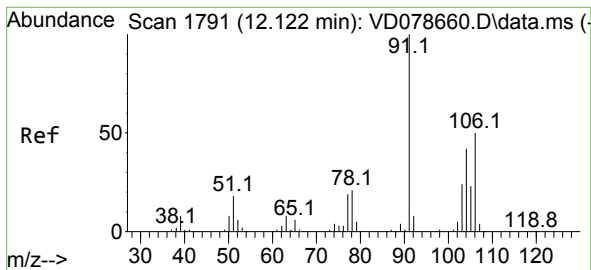
Tgt Ion: 91 Resp: 422974
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 104.608 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:106 Resp: 337852
Ion Ratio Lower Upper
106 100
91 194.9 154.4 231.6

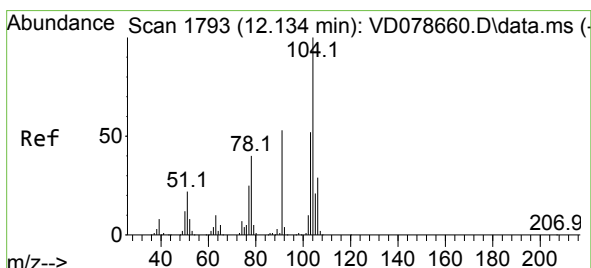
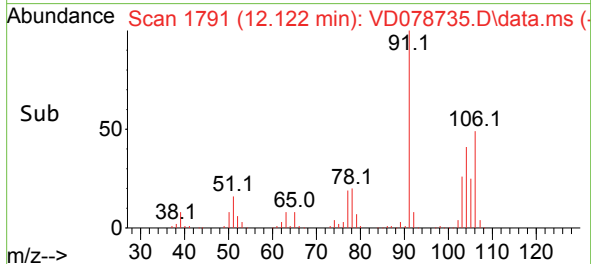
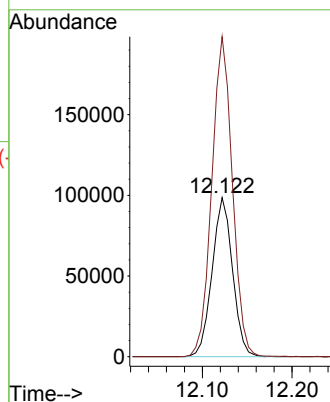
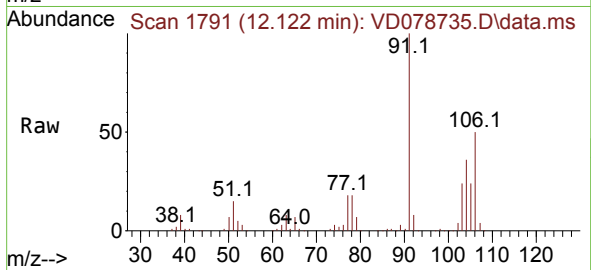




#69
o-Xylene
Concen: 52.157 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

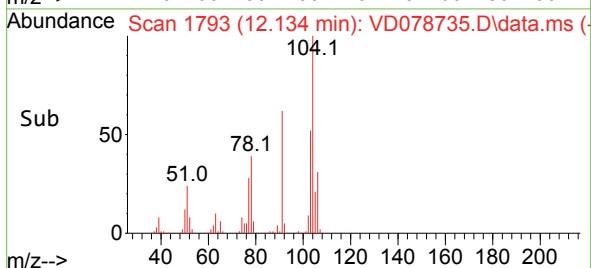
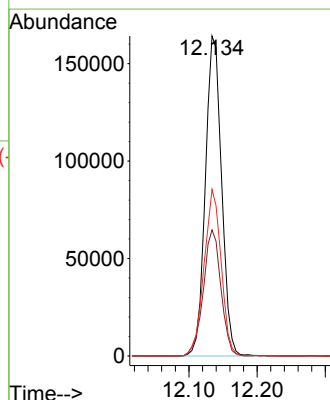
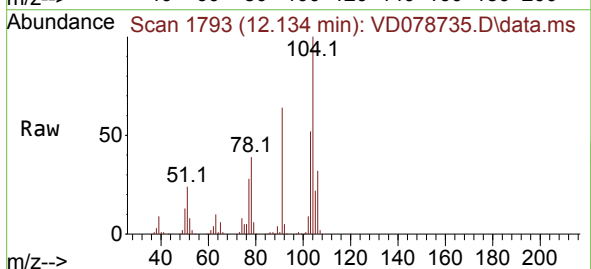
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

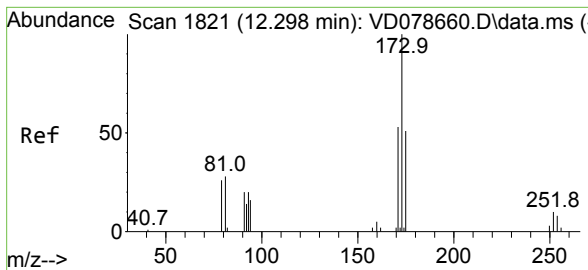
Tgt Ion:106 Resp: 155858
Ion Ratio Lower Upper
106 100
91 202.8 99.6 298.7



#70
Styrene
Concen: 54.313 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:104 Resp: 272413
Ion Ratio Lower Upper
104 100
78 42.6 34.6 52.0
103 54.7 44.2 66.2

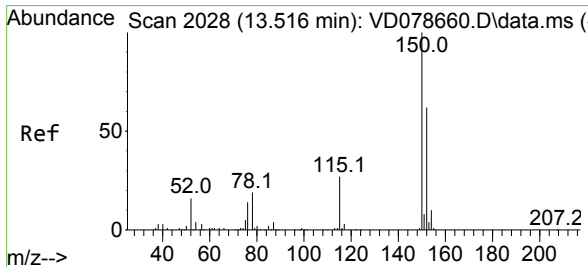
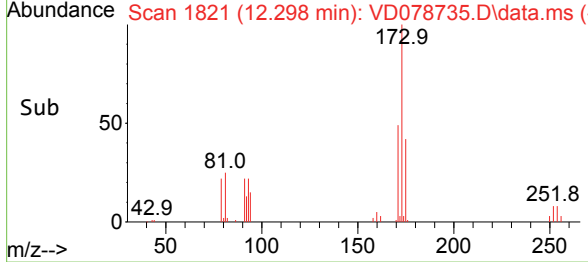
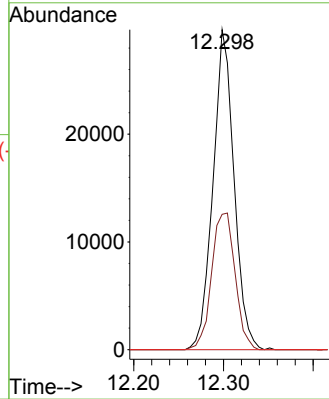
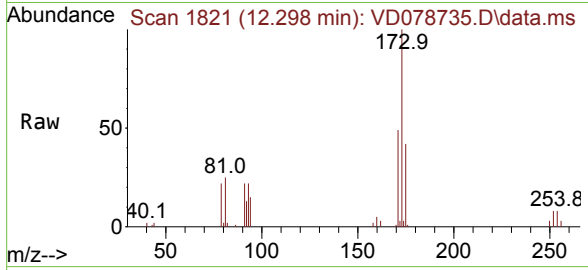




#71
Bromoform
Concen: 52.368 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

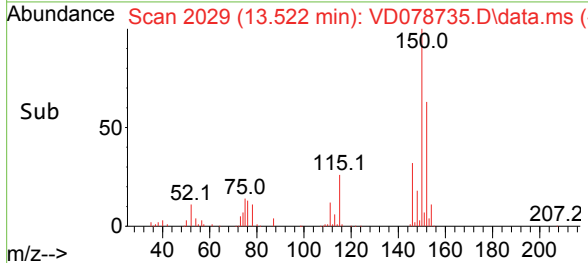
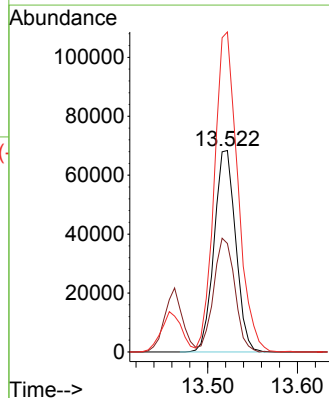
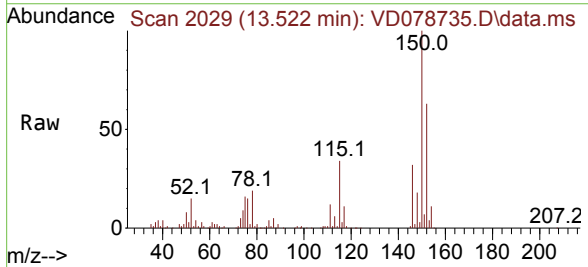
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

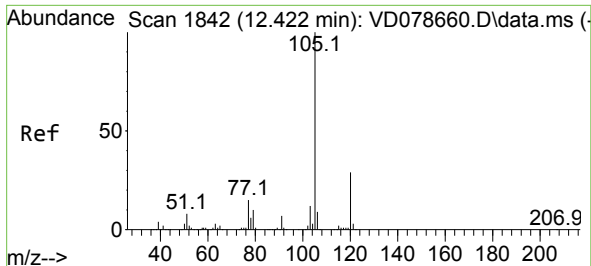
Tgt Ion:	173	Resp:	48375
Ion Ratio	Lower	Upper	
173	100		
175	47.7	25.8	77.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:	152	Resp:	114213
Ion Ratio	Lower	Upper	
152	100		
115	55.7	27.1	81.2
150	172.3	0.0	350.2

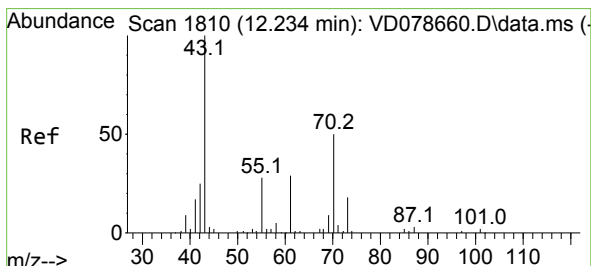
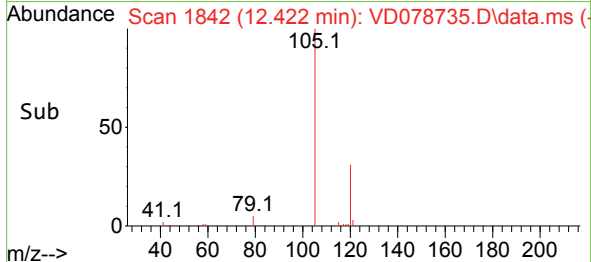
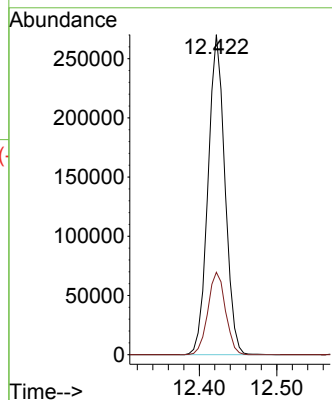
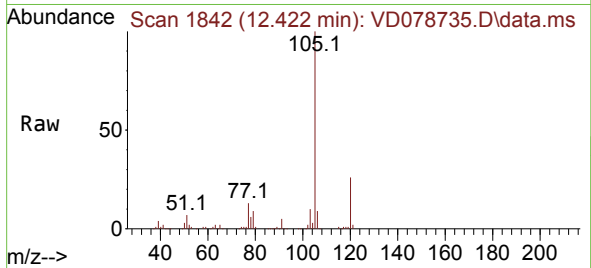




#73
Isopropylbenzene
Concen: 54.285 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

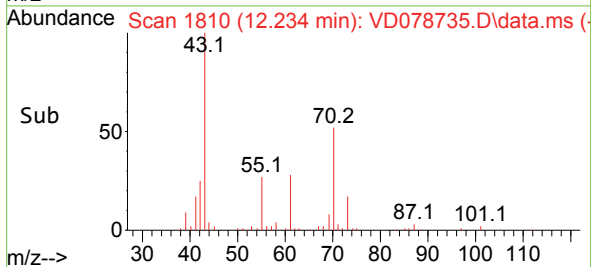
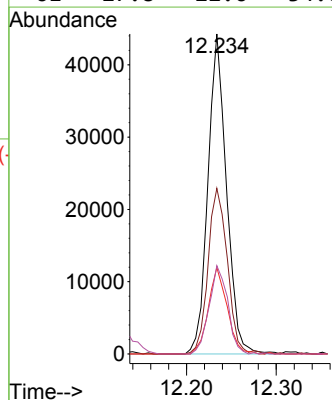
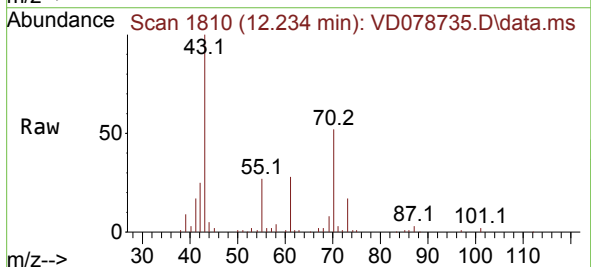
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

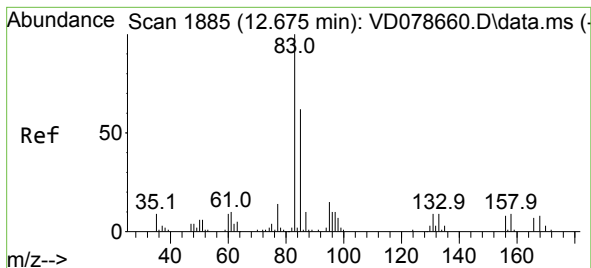
Tgt Ion:105 Resp: 408213
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 52.073 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 43 Resp: 63577
Ion Ratio Lower Upper
43 100
70 54.0 42.1 63.1
55 27.4 22.6 33.8
61 27.8 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.136 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

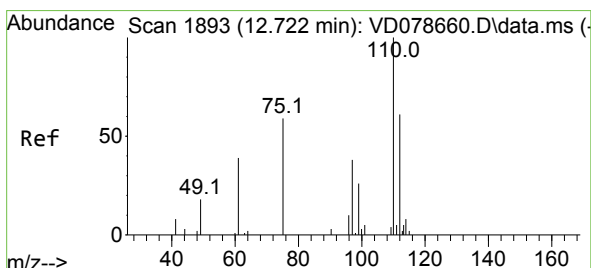
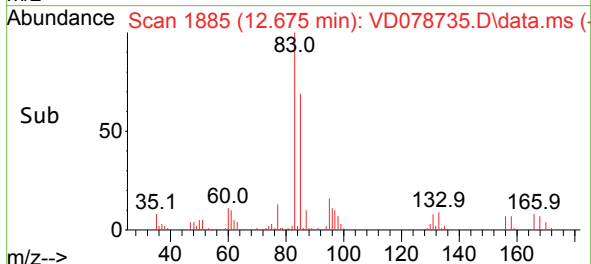
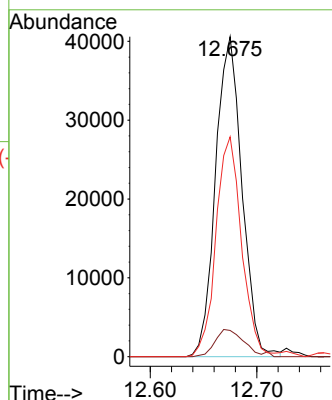
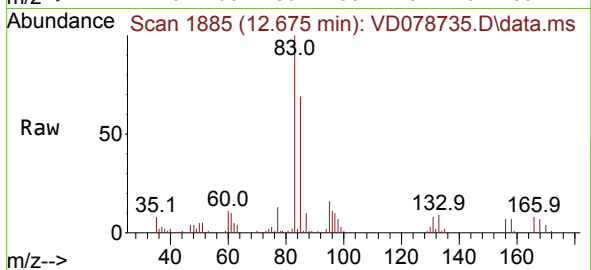
Tgt Ion: 83 Resp: 69793

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

85 66.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 97.171 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078735.D

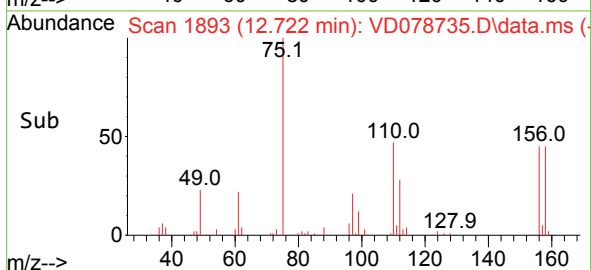
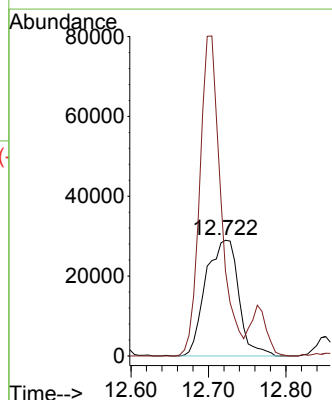
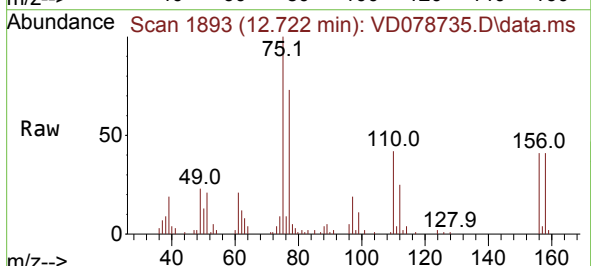
Acq: 22 Mar 2024 11:41

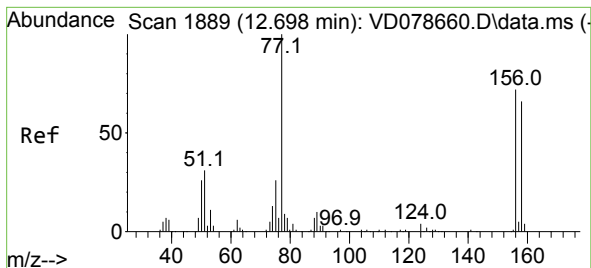
Tgt Ion: 75 Resp: 85505

Ion Ratio Lower Upper

75 100

77 177.9 0.0 0.0#





#77

Bromobenzene

Concen: 53.083 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

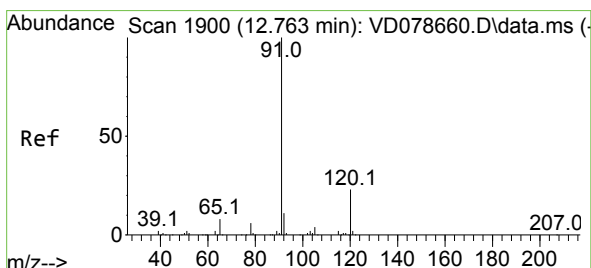
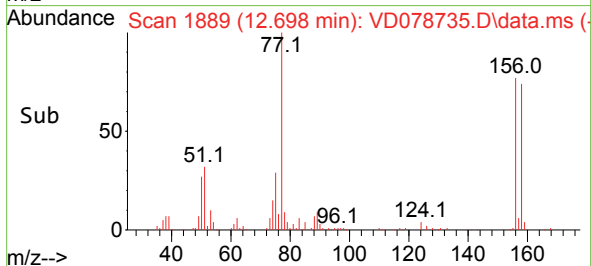
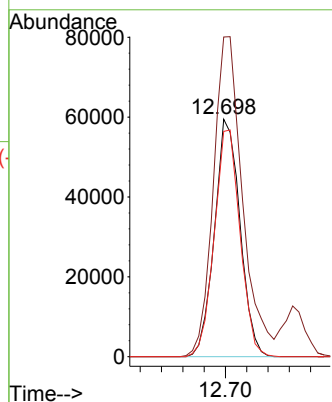
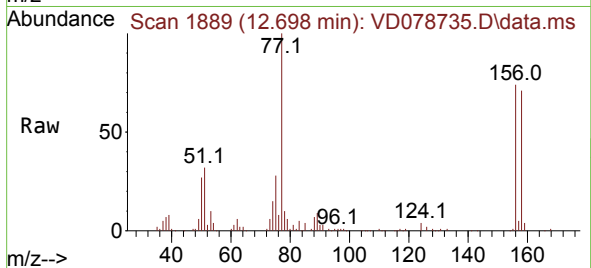
Tgt Ion:156 Resp: 98994

Ion Ratio Lower Upper

156 100

77 153.7 79.1 237.3

158 96.3 47.0 141.0



#78

n-propylbenzene

Concen: 54.524 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078735.D

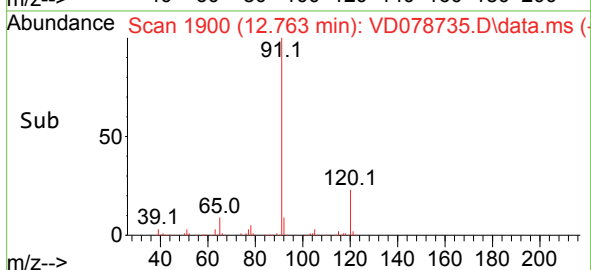
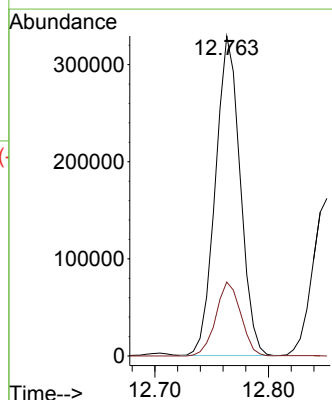
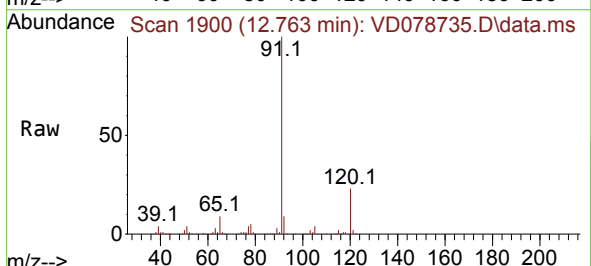
Acq: 22 Mar 2024 11:41

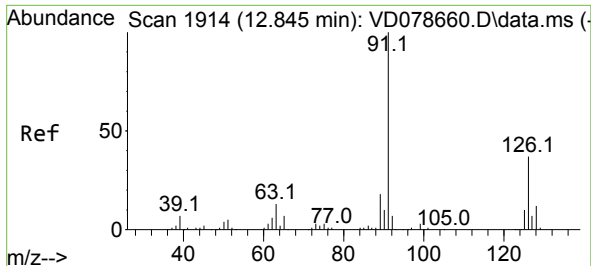
Tgt Ion: 91 Resp: 499076

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.1





#79

2-Chlorotoluene

Concen: 52.180 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

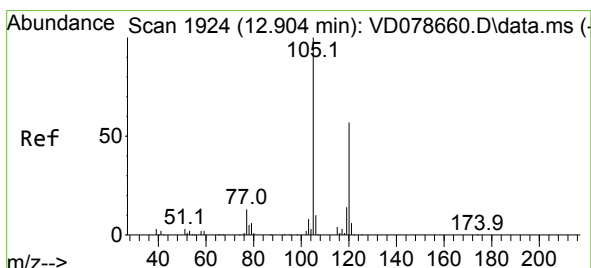
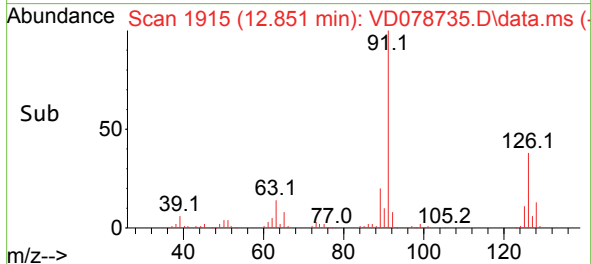
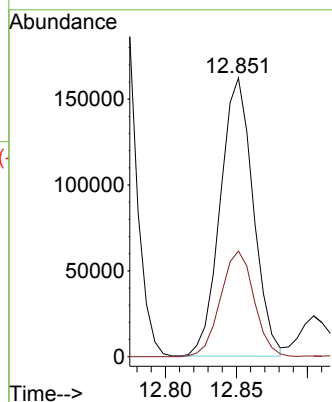
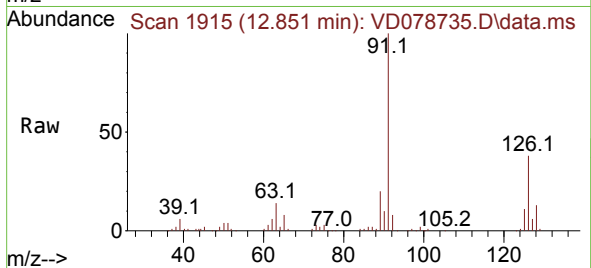
VSTDCCC050

Tgt Ion: 91 Resp: 262020

Ion Ratio Lower Upper

91 100

126 38.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 54.073 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078735.D

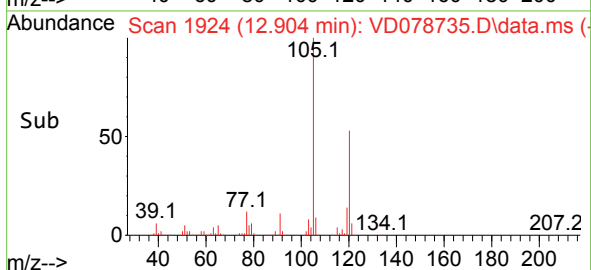
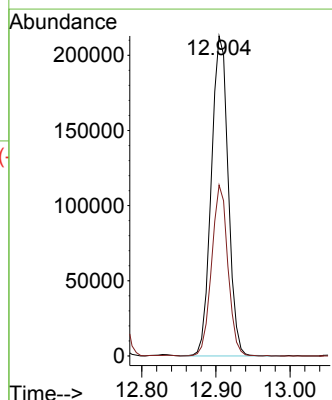
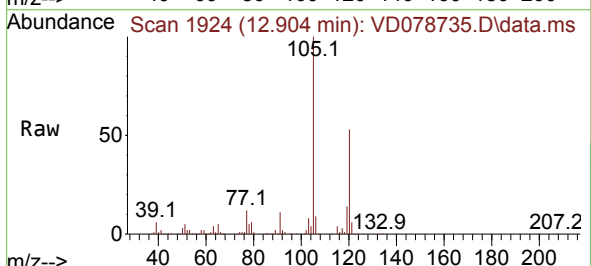
Acq: 22 Mar 2024 11:41

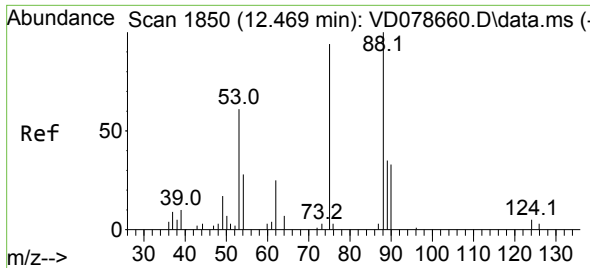
Tgt Ion:105 Resp: 336253

Ion Ratio Lower Upper

105 100

120 51.5 25.9 77.7

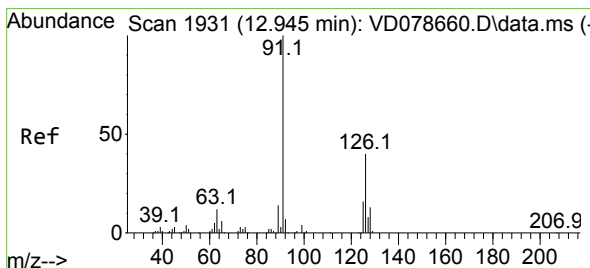
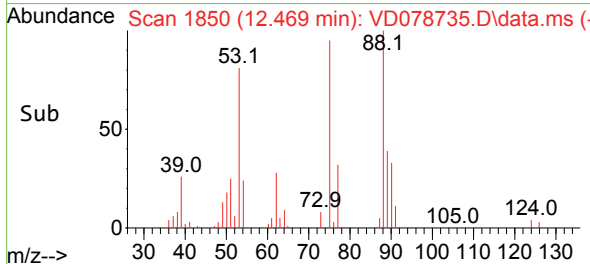
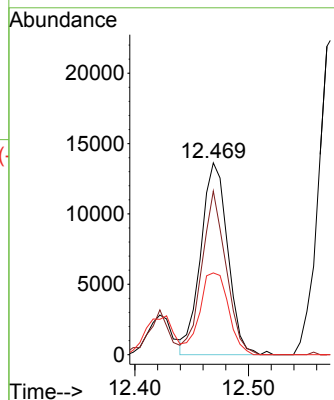
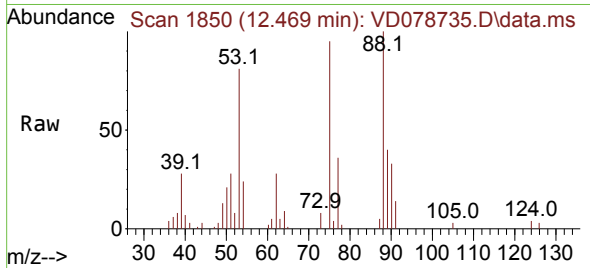




#81
trans-1,4-Dichloro-2-butene
Concen: 53.508 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

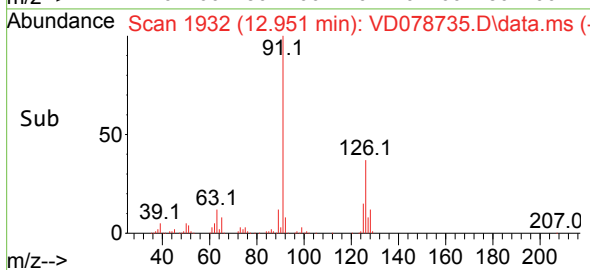
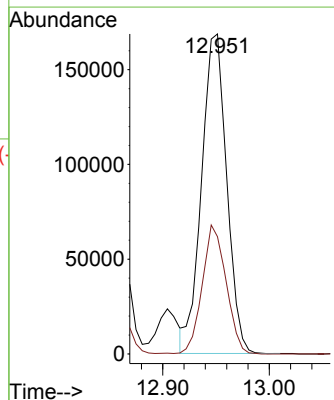
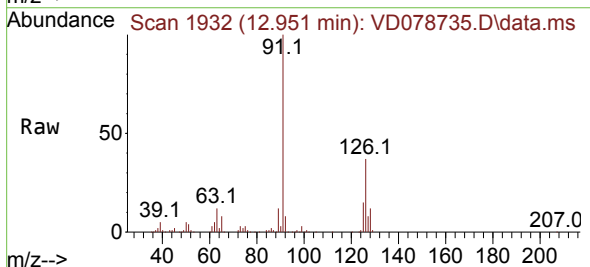
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

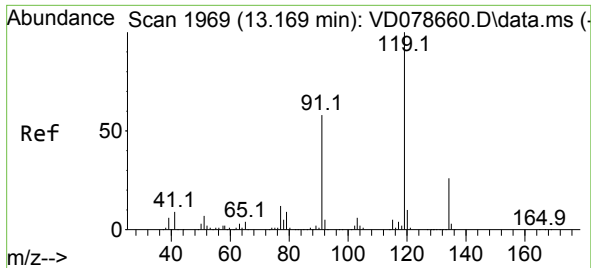
Tgt Ion: 75 Resp: 22462
Ion Ratio Lower Upper
75 100
53 76.9 61.0 91.6
89 45.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.207 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 91 Resp: 277279
Ion Ratio Lower Upper
91 100
126 38.4 18.9 56.5

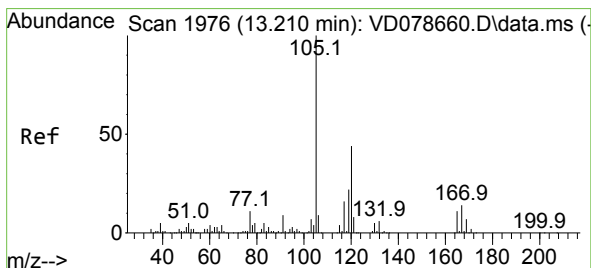
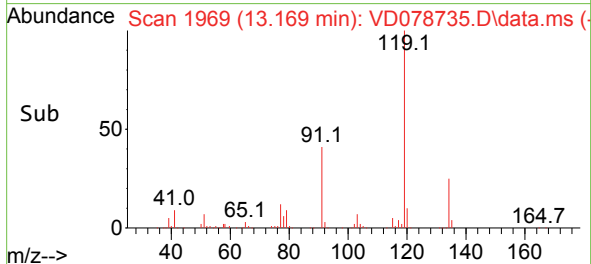
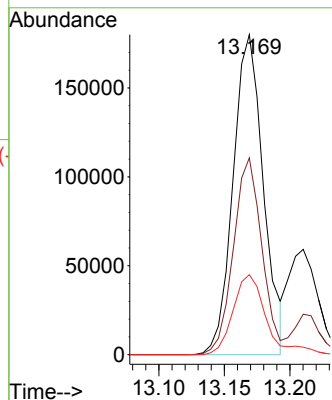
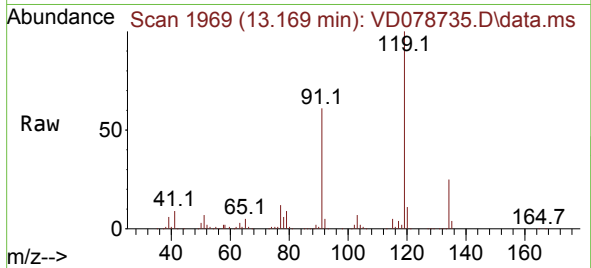




#83
tert-Butylbenzene
Concen: 53.955 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

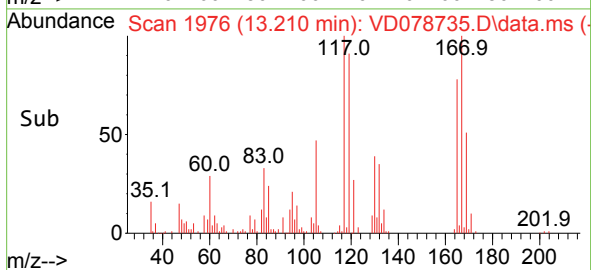
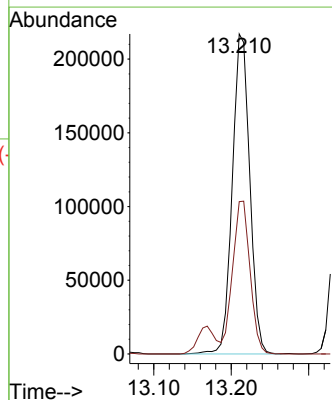
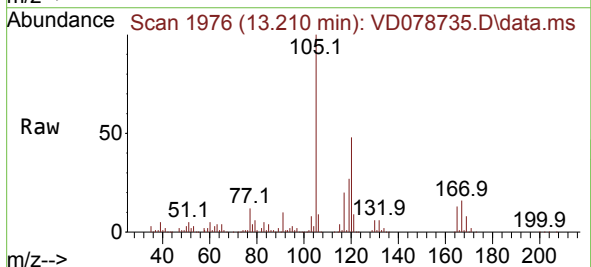
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

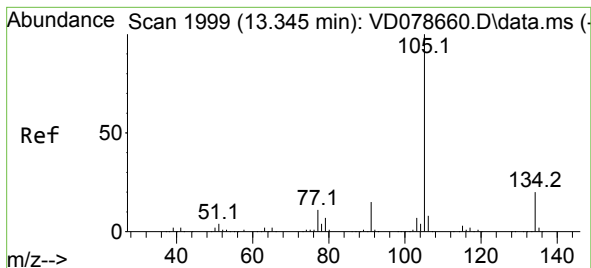
Tgt Ion:119 Resp: 289303
Ion Ratio Lower Upper
119 100
91 57.8 28.9 86.7
134 27.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.255 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:105 Resp: 340001
Ion Ratio Lower Upper
105 100
120 47.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.544 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

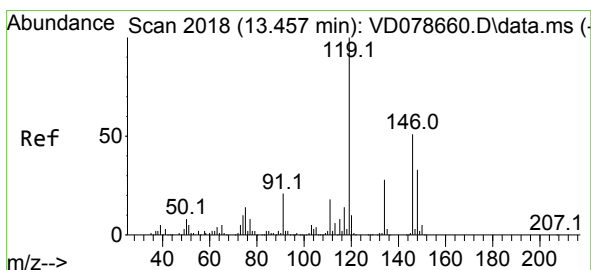
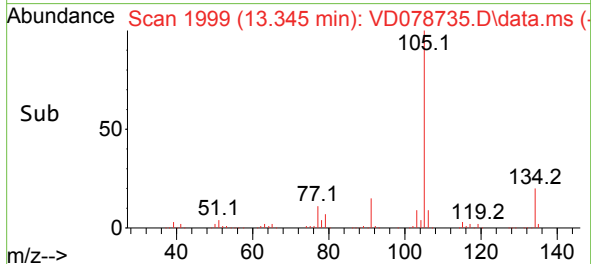
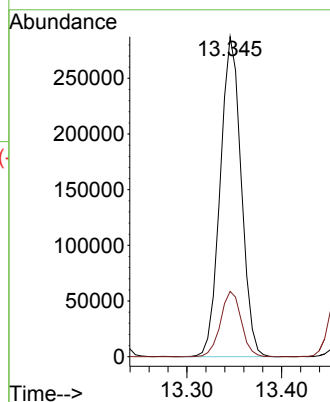
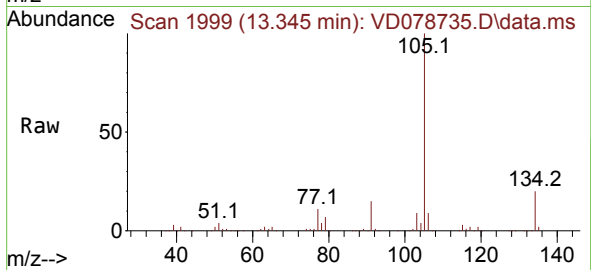
VSTDCCC050

Tgt Ion:105 Resp: 442589

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.2



#86

p-Isopropyltoluene

Concen: 55.385 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

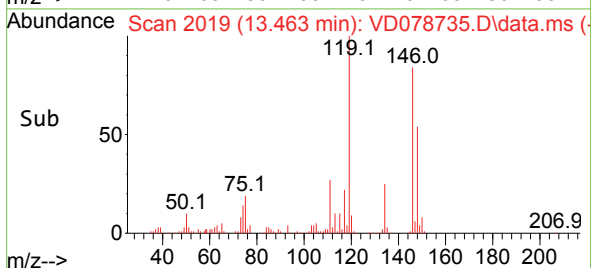
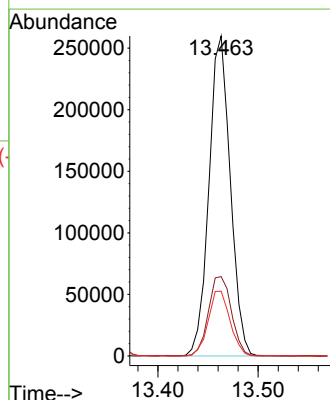
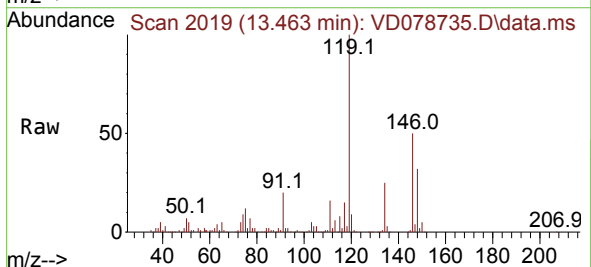
Tgt Ion:119 Resp: 384727

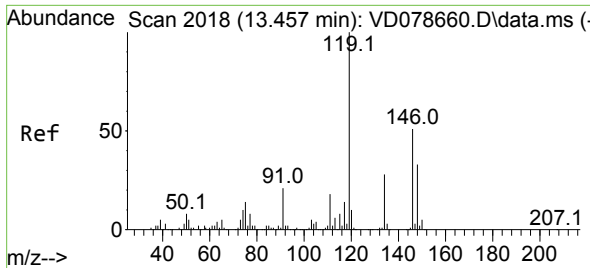
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 20.8 10.4 31.2

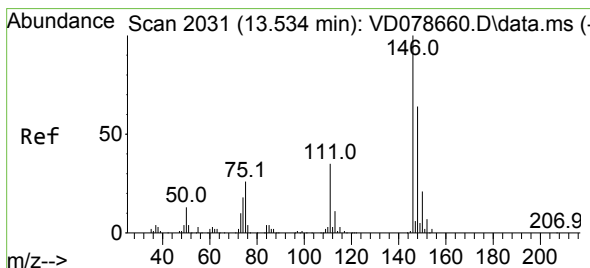
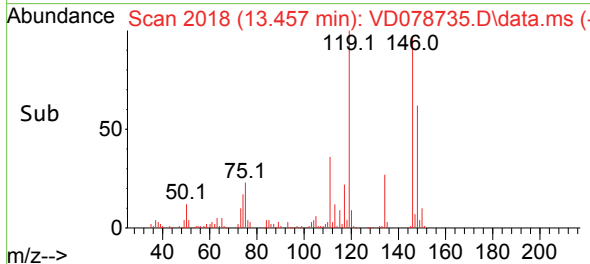
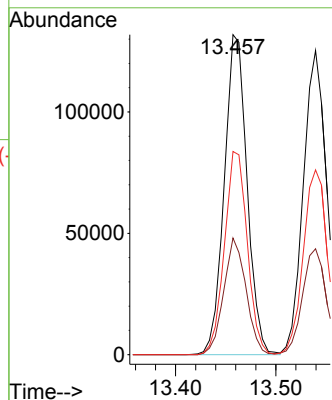
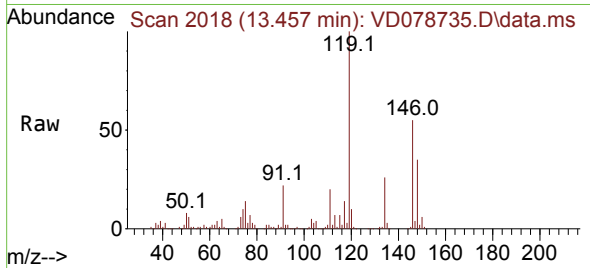




#87
1,3-Dichlorobenzene
Concen: 52.948 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

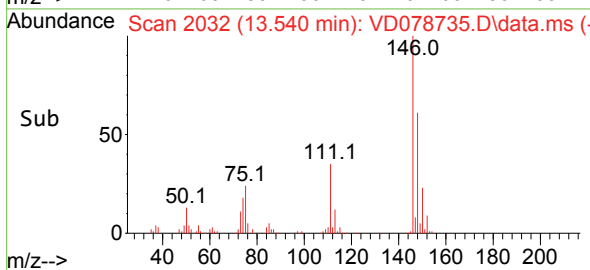
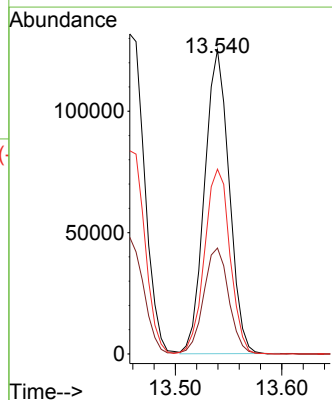
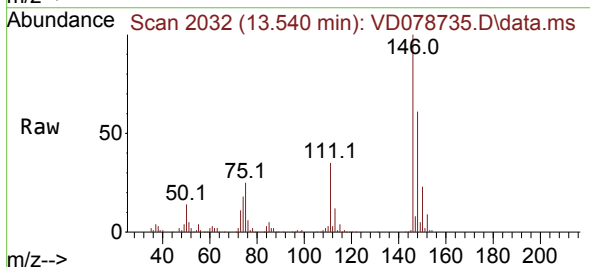
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

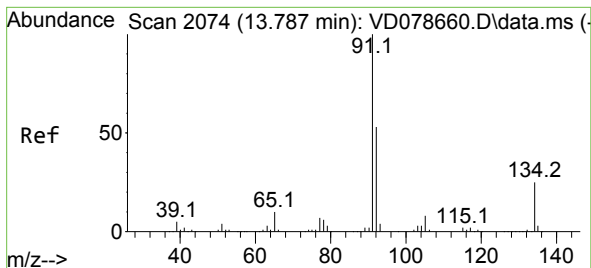
Tgt Ion:146 Resp: 208372
Ion Ratio Lower Upper
146 100
111 35.8 18.2 54.6
148 63.6 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 51.791 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion:146 Resp: 200869
Ion Ratio Lower Upper
146 100
111 35.8 17.8 53.3
148 63.1 32.4 97.0





#89

n-Butylbenzene

Concen: 56.030 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

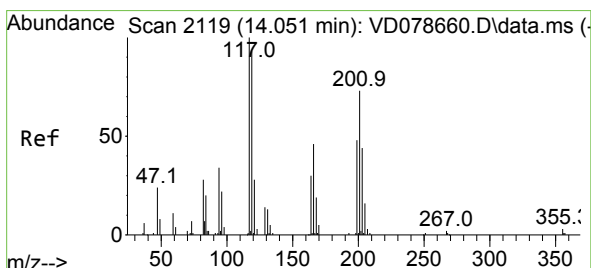
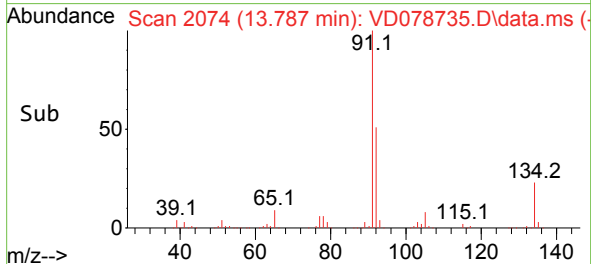
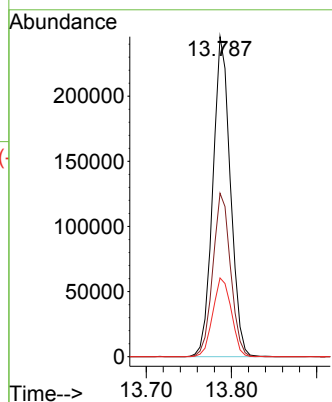
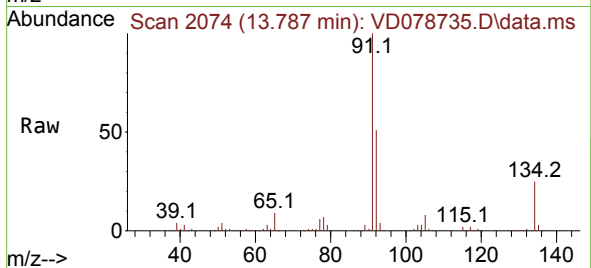
Tgt Ion: 91 Resp: 351500

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 51.907 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078735.D

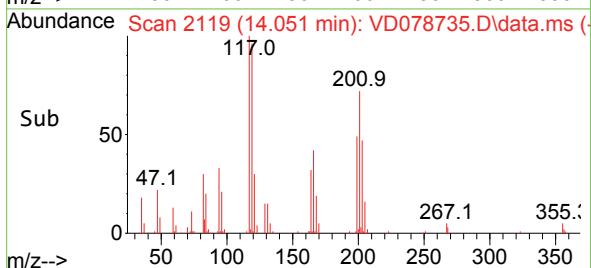
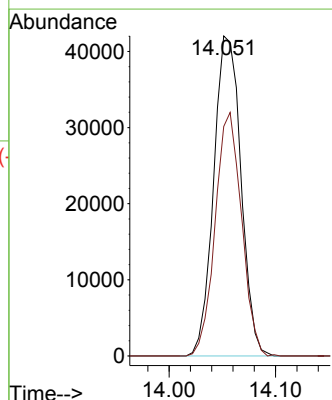
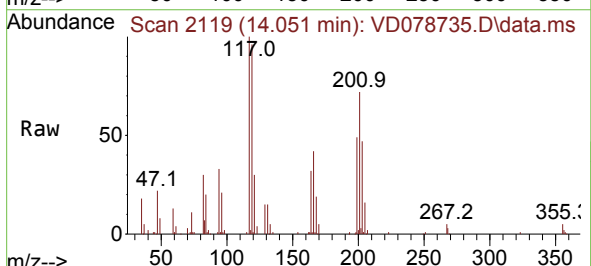
Acq: 22 Mar 2024 11:41

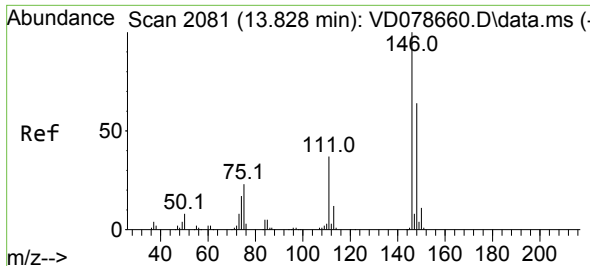
Tgt Ion: 117 Resp: 74608

Ion Ratio Lower Upper

117 100

201 73.7 36.2 108.6

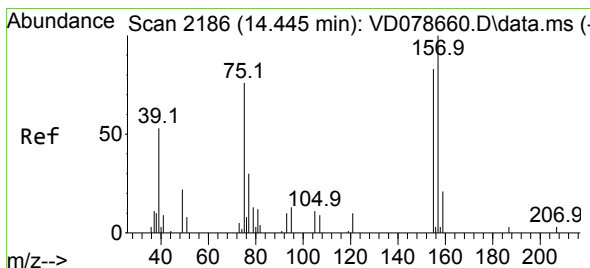
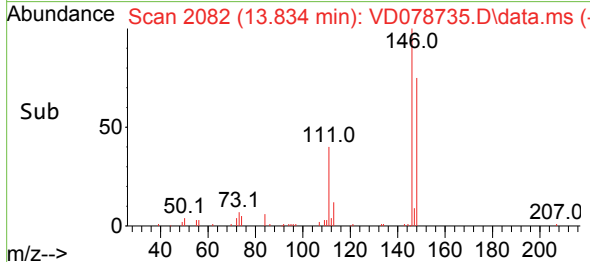
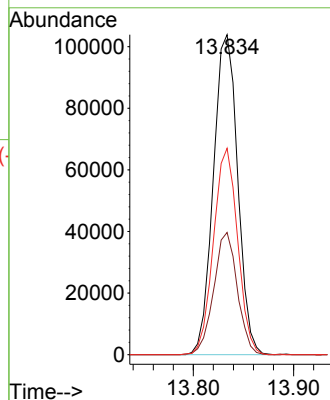
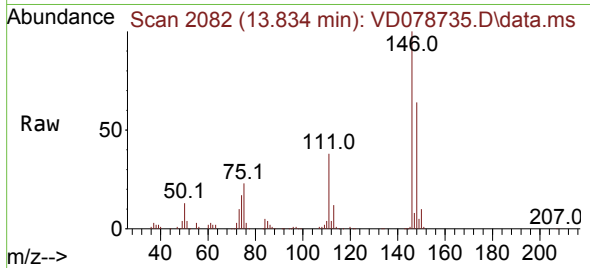




#91
1,2-Dichlorobenzene
Concen: 51.624 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

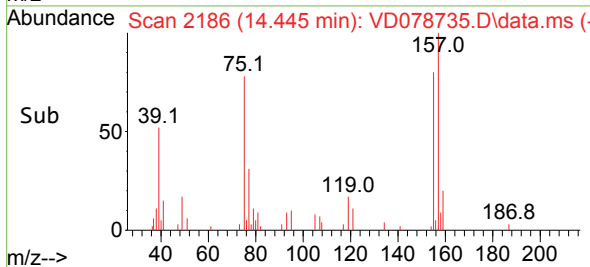
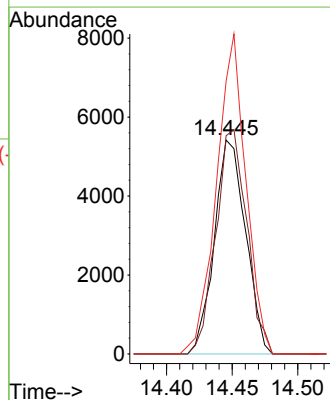
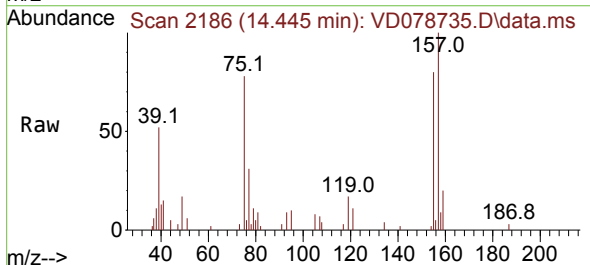
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

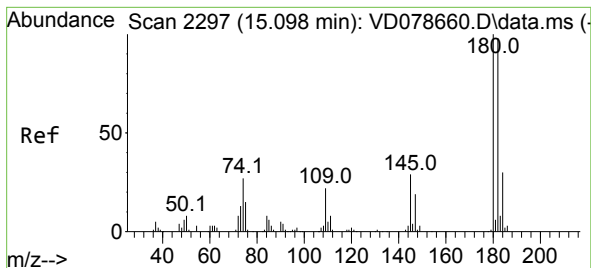
Tgt Ion:146 Resp: 174977
Ion Ratio Lower Upper
146 100
111 37.2 18.6 56.0
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.314 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078735.D
Acq: 22 Mar 2024 11:41

Tgt Ion: 75 Resp: 8997
Ion Ratio Lower Upper
75 100
155 104.1 49.8 149.3
157 140.6 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 54.729 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

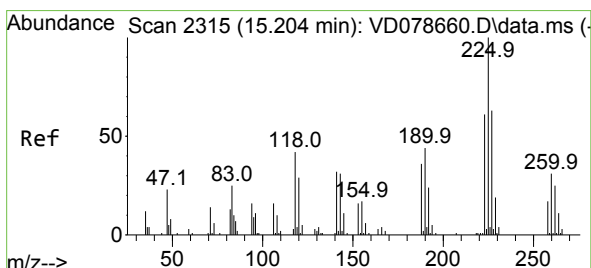
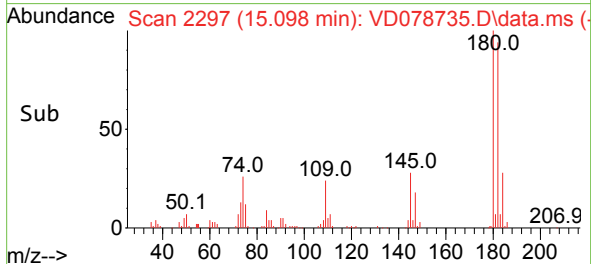
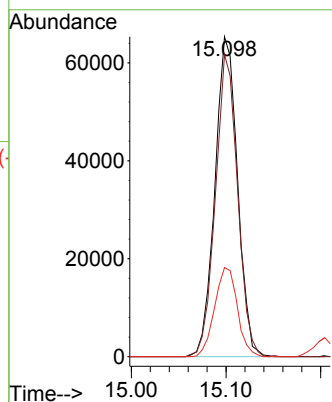
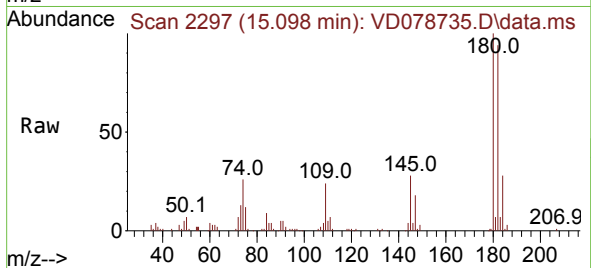
Tgt Ion:180 Resp: 108258

Ion Ratio Lower Upper

180 100

182 92.5 49.7 149.1

145 28.0 14.6 44.0



#94

Hexachlorobutadiene

Concen: 52.363 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

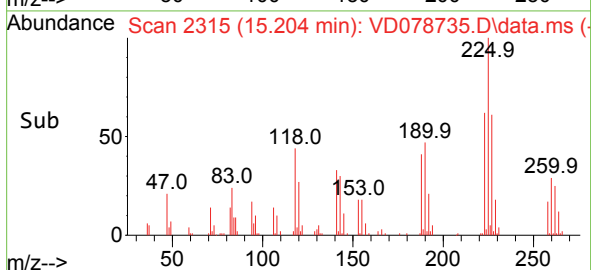
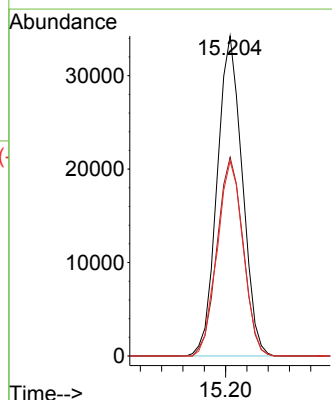
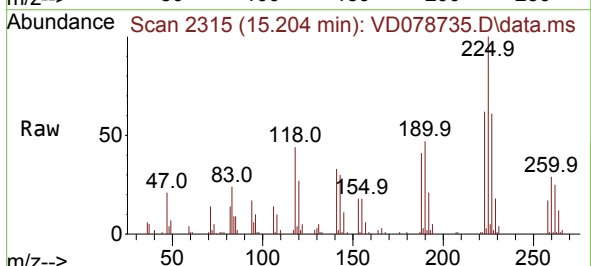
Tgt Ion:225 Resp: 56076

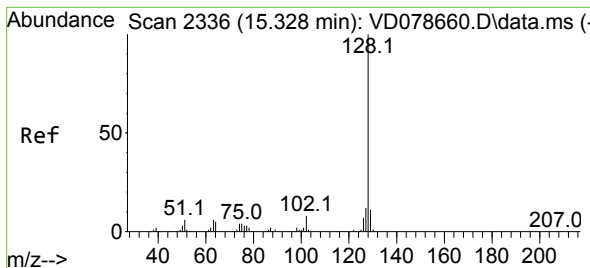
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.7

227 62.9 32.0 96.0





#95

Naphthalene

Concen: 54.623 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

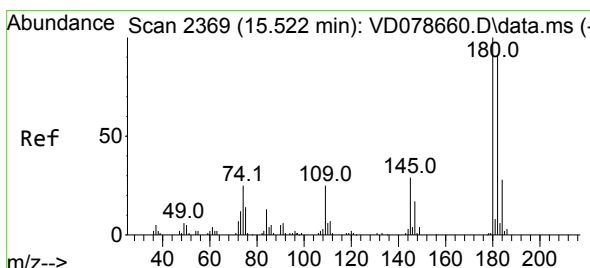
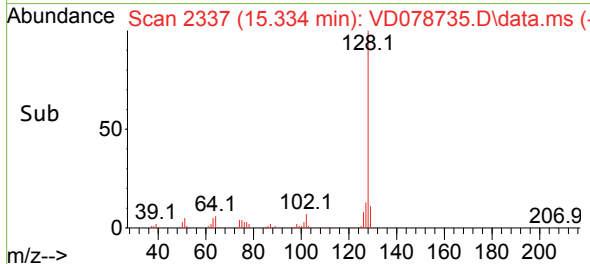
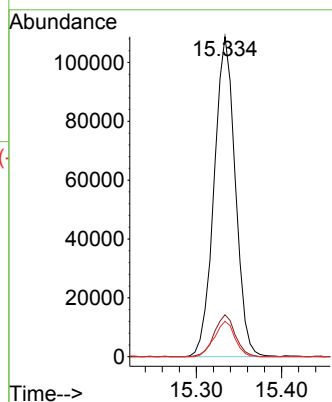
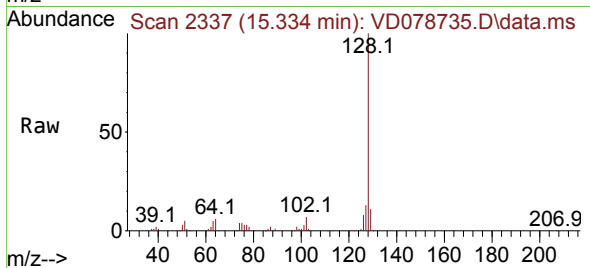
Tgt Ion:128 Resp: 187856

Ion Ratio Lower Upper

128 100

127 13.1 9.3 13.9

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.016 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078735.D

Acq: 22 Mar 2024 11:41

Tgt Ion:180 Resp: 92437

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

145 30.1 14.4 43.4

