

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032024\
 Data File : VD078715.D
 Acq On : 20 Mar 2024 11:59
 Operator : RP/MD
 Sample : VD0320SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 21 04:46:01 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	118288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	91941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56746	51.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.380%	
35) Dibromofluoromethane	7.804	113	64290	49.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.820%	
50) Toluene-d8	10.269	98	253368	53.489	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.980%	
62) 4-Bromofluorobenzene	12.575	95	72659	52.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	22041	20.021	ug/l	93
3) Chloromethane	2.152	50	31799	18.293	ug/l	99
4) Vinyl Chloride	2.287	62	48260	18.820	ug/l	99
5) Bromomethane	2.693	94	46864	19.088	ug/l	100
6) Chloroethane	2.840	64	37971	18.988	ug/l	99
7) Trichlorofluoromethane	3.181	101	42892	21.143	ug/l	98
8) Diethyl Ether	3.593	74	10171	17.172	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	27032	21.232	ug/l	98
10) Methyl Iodide	4.163	142	28871	19.171	ug/l	96
11) Tert butyl alcohol	5.063	59	5376	108.364	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	24223	20.014	ug/l	89
13) Acrolein	3.799	56	7745	99.660	ug/l	97
14) Allyl chloride	4.563	41	25117	18.599	ug/l	96
15) Acrylonitrile	5.246	53	23388	97.952	ug/l	91
16) Acetone	4.016	43	23209	108.269	ug/l	88
17) Carbon Disulfide	4.275	76	71804	18.097	ug/l	99
18) Methyl Acetate	4.552	43	4052	8.808	ug/l #	51
19) Methyl tert-butyl Ether	5.322	73	46611	19.097	ug/l	94
20) Methylene Chloride	4.810	84	31067	18.155	ug/l	97
21) trans-1,2-Dichloroethene	5.322	96	27949	19.571	ug/l	91
22) Diisopropyl ether	6.222	45	61992	20.190	ug/l	96
23) Vinyl Acetate	6.157	43	174648	97.244	ug/l	99
24) 1,1-Dichloroethane	6.122	63	46852	20.353	ug/l	99
25) 2-Butanone	7.087	43	27187	95.393	ug/l	99
26) 2,2-Dichloropropane	7.087	77	38956	20.002	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	31057	19.067	ug/l	99
28) Bromochloromethane	7.428	49	16920	20.617	ug/l	90
29) Tetrahydrofuran	7.446	42	15594	100.598	ug/l	98
30) Chloroform	7.599	83	51260	19.972	ug/l	96
31) Cyclohexane	7.881	56	36385	19.528	ug/l #	86
32) 1,1,1-Trichloroethane	7.793	97	42956	19.726	ug/l	97
36) 1,1-Dichloropropene	8.010	75	36353	19.453	ug/l	99
37) Ethyl Acetate	7.175	43	12097	19.815	ug/l	99
38) Carbon Tetrachloride	7.993	117	39138	19.866	ug/l #	90
39) Methylcyclohexane	9.275	83	42210	19.471	ug/l	100
40) Benzene	8.251	78	109721	19.423	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	6865	21.458	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	29136	21.149	ug/l	97
43) Isopropyl Acetate	8.363	43	21033	18.944	ug/l	97
44) Trichloroethene	9.028	130	30787	20.082	ug/l	95
45) 1,2-Dichloropropane	9.304	63	26795	19.995	ug/l	97
46) Dibromomethane	9.393	93	16222	20.194	ug/l	93
47) Bromodichloromethane	9.587	83	38030	19.886	ug/l #	94
48) Methyl methacrylate	9.381	41	11094	20.507	ug/l	89
49) 1,4-Dioxane	9.387	88	2682	360.590	ug/l #	95
51) 4-Methyl-2-Pentanone	10.163	43	55559	95.718	ug/l	97
52) Toluene	10.334	92	71903	19.770	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	33277	19.032	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	39834	18.951	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	21157	19.667	ug/l	92
56) Ethyl methacrylate	10.598	69	19977	18.525	ug/l	98
57) 1,3-Dichloropropane	10.881	76	34879	20.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	40516	85.205	ug/l	99
59) 2-Hexanone	10.922	43	43557	101.228	ug/l	96
60) Dibromochloromethane	11.075	129	25402	19.148	ug/l	95
61) 1,2-Dibromoethane	11.181	107	18848	18.105	ug/l	96
64) Tetrachloroethene	10.810	164	24121	19.496	ug/l	86
65) Chlorobenzene	11.604	112	77163	19.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	27543	19.250	ug/l	96
67) Ethyl Benzene	11.681	91	128173	19.252	ug/l	100
68) m/p-Xylenes	11.792	106	104663	38.714	ug/l	100
69) o-Xylene	12.122	106	46516	18.596	ug/l	96
70) Styrene	12.134	104	81863	19.499	ug/l	99
71) Bromoform	12.298	173	15056	19.471	ug/l #	94
73) Isopropylbenzene	12.422	105	124314	20.536	ug/l	97
74) N-amyl acetate	12.234	43	20761	21.124	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	22575	20.145	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	28679	40.487	ug/l #	100
77) Bromobenzene	12.704	156	31270	20.830	ug/l	97
78) n-propylbenzene	12.763	91	156505	21.240	ug/l	100
79) 2-Chlorotoluene	12.851	91	83627	20.688	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	103001	20.576	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	6522	19.300	ug/l #	87
82) 4-Chlorotoluene	12.951	91	87401	20.442	ug/l	99
83) tert-Butylbenzene	13.169	119	88565	20.519	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	101666	20.153	ug/l	98
85) sec-Butylbenzene	13.345	105	138062	21.136	ug/l	97
86) p-Isopropyltoluene	13.463	119	117509	21.014	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	65149	20.565	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	63869	20.457	ug/l	99
89) n-Butylbenzene	13.786	91	105813	20.953	ug/l	98
90) Hexachloroethane	14.051	117	24312	21.012	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	55611	20.382	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3072	20.493	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	29522	18.540	ug/l	99
94) Hexachlorobutadiene	15.204	225	17689	20.519	ug/l	99
95) Naphthalene	15.333	128	51379	18.558	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.528	180	26292	19.086	ug/l	98

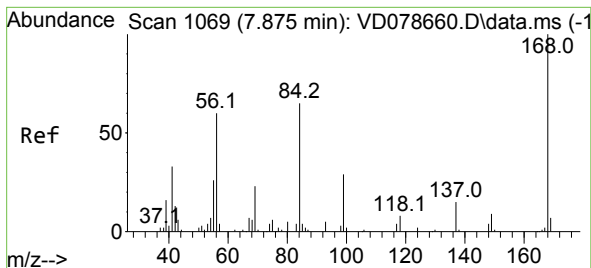
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

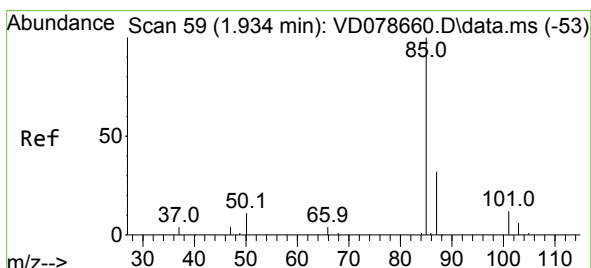
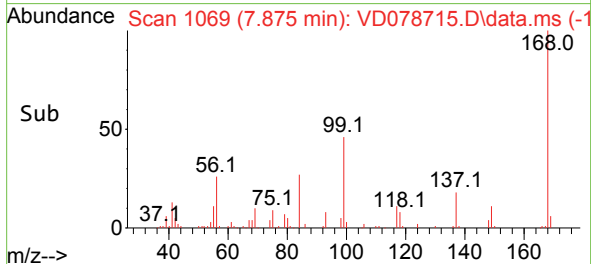
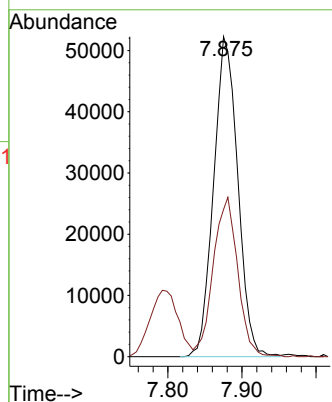
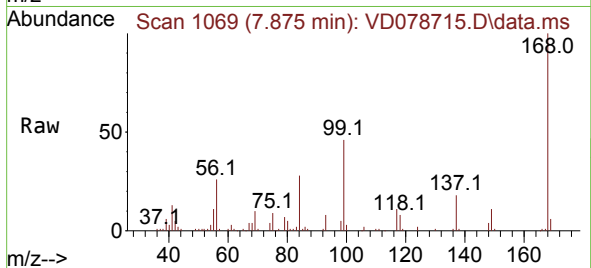
ClientSampleId :

Tgt Ion:168 Resp: 118288

Ion Ratio Lower Upper

168 100

99 45.6 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 20.021 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078715.D

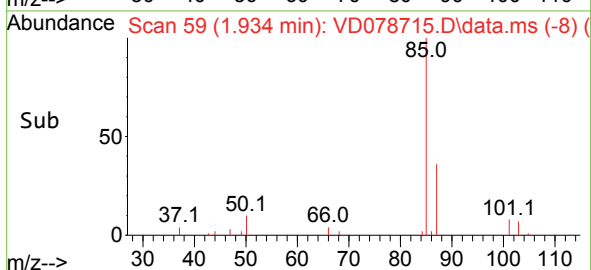
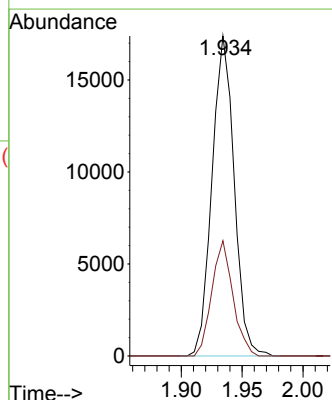
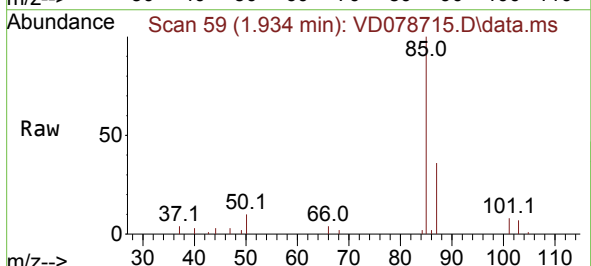
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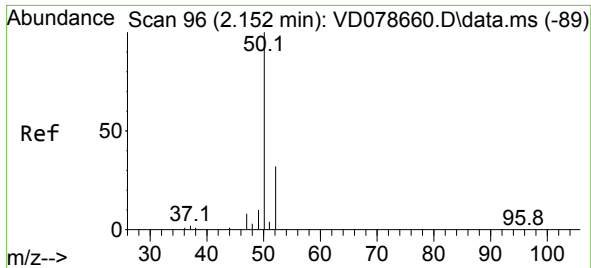
Tgt Ion: 85 Resp: 22041

Ion Ratio Lower Upper

85 100

87 36.0 16.2 48.5

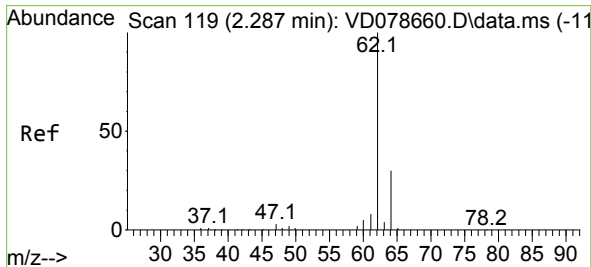
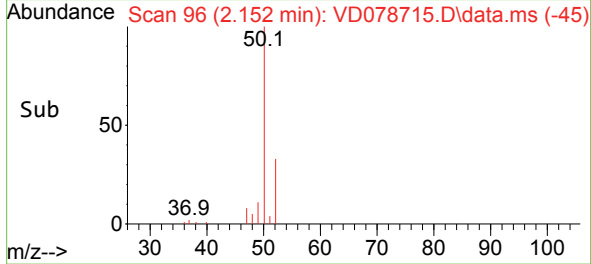
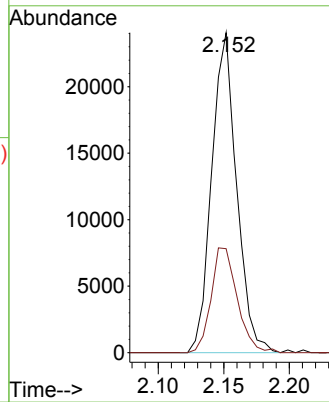
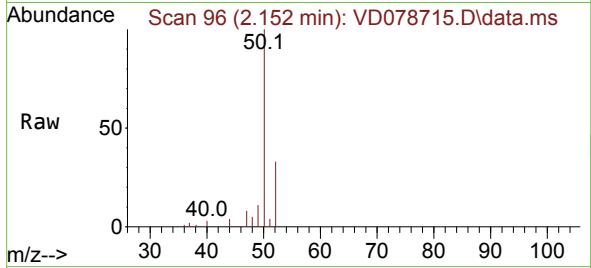




#3
Chloromethane
Concen: 18.293 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

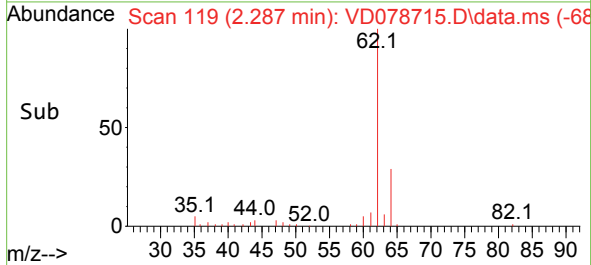
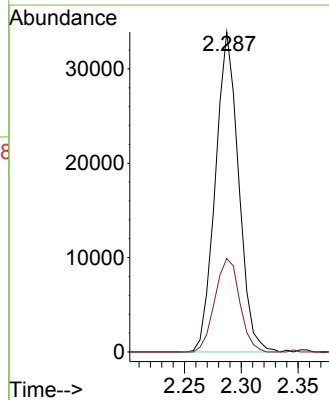
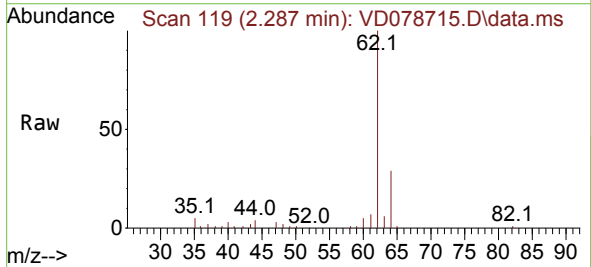
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MSVOA_D
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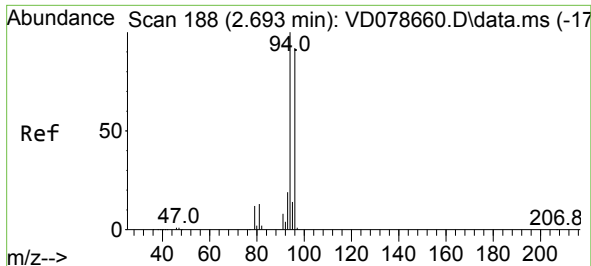
Tgt Ion: 50 Resp: 31799
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 18.820 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 62 Resp: 48260
Ion Ratio Lower Upper
62 100
64 29.2 23.7 35.5

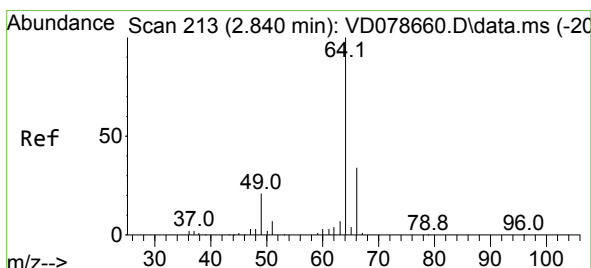
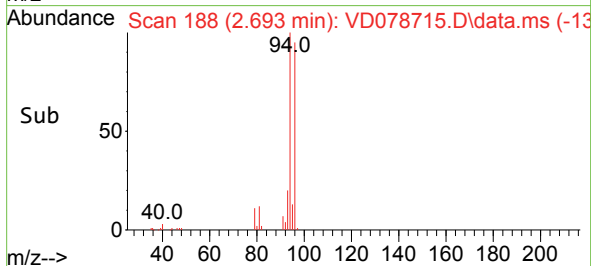
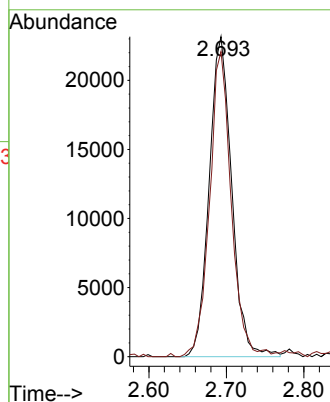
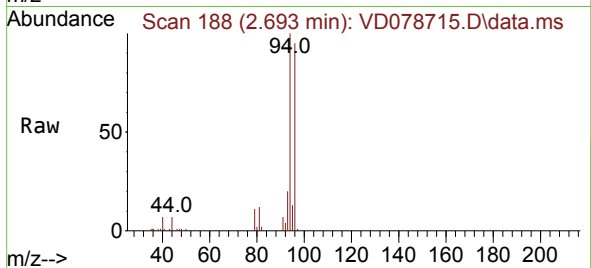




#5
Bromomethane
Concen: 19.088 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

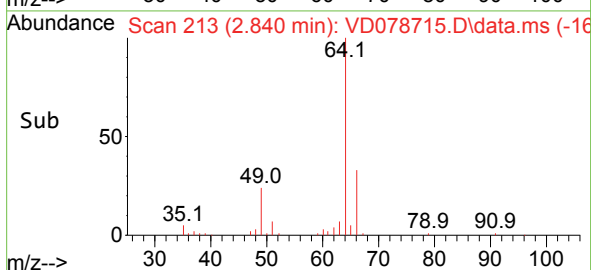
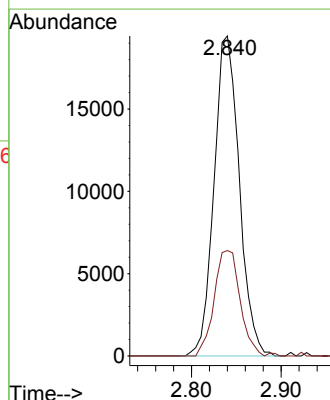
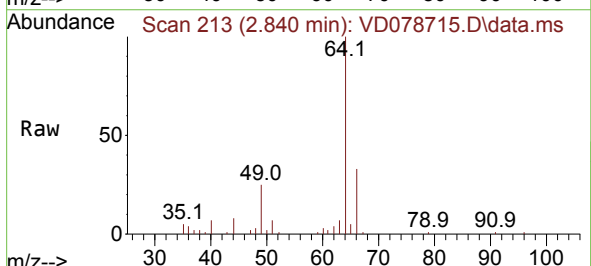
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ClientSampleId :

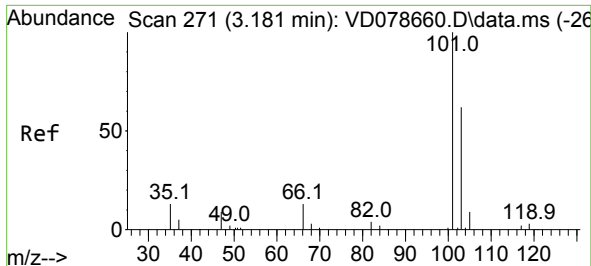
Tgt Ion: 94 Resp: 46864
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3



#6
Chloroethane
Concen: 18.988 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 64 Resp: 37971
Ion Ratio Lower Upper
64 100
66 32.9 26.8 40.2

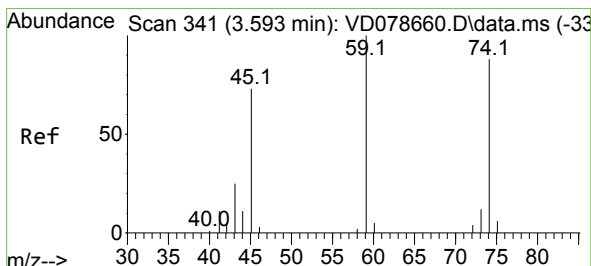
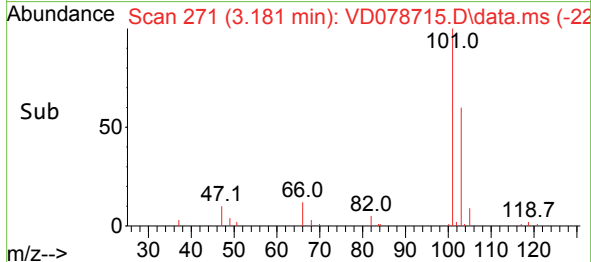
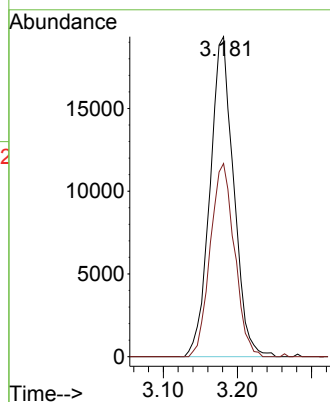
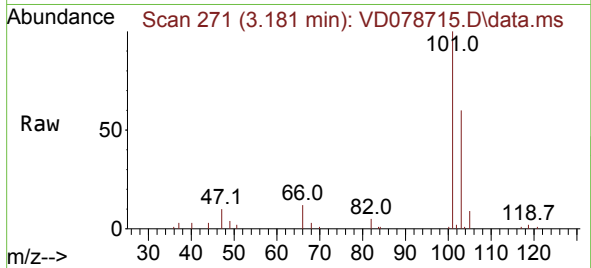




#7
 Trichlorofluoromethane
 Concen: 21.143 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD078715.D
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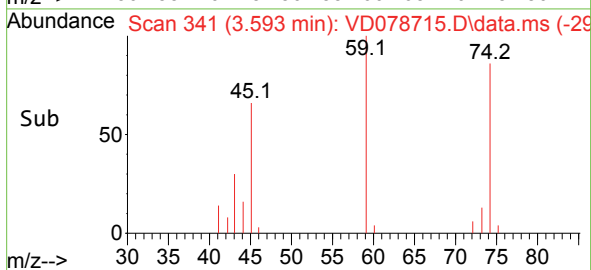
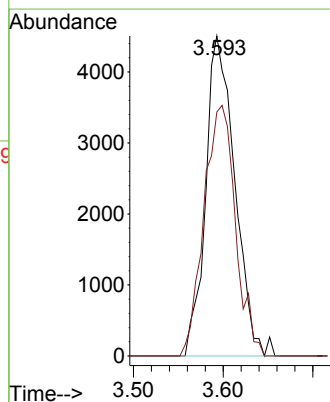
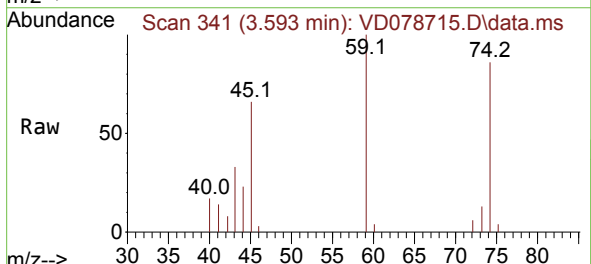
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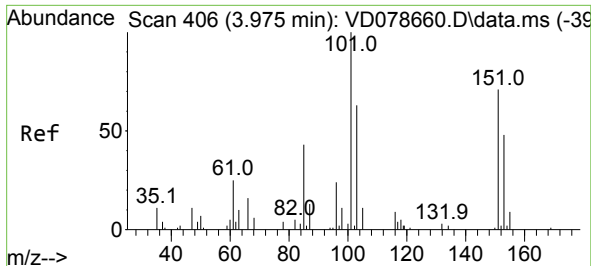
Tgt Ion:101 Resp: 42892
 Ion Ratio Lower Upper
 101 100
 103 60.3 49.7 74.5



#8
 Diethyl Ether
 Concen: 17.172 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Tgt Ion: 74 Resp: 10171
 Ion Ratio Lower Upper
 74 100
 45 84.7 42.4 127.3

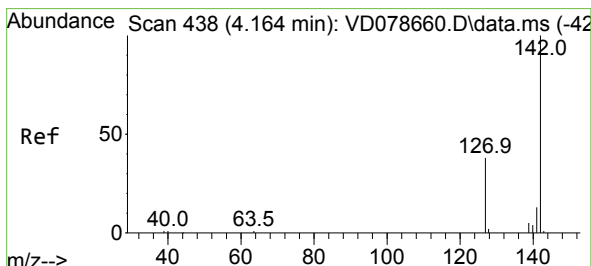
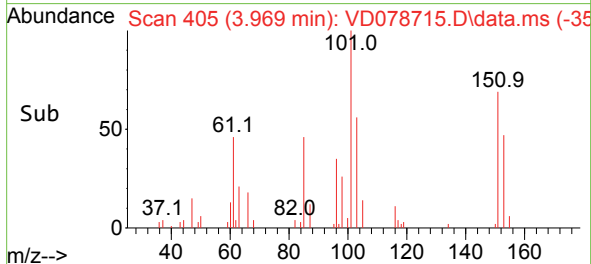
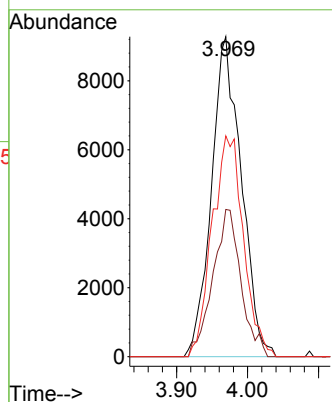
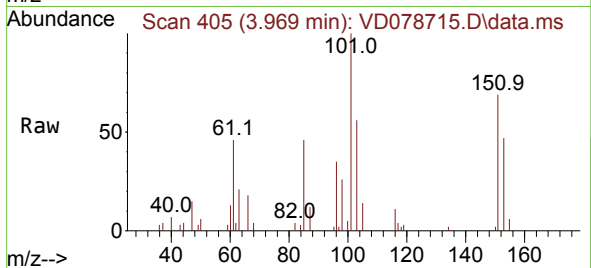




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.232 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
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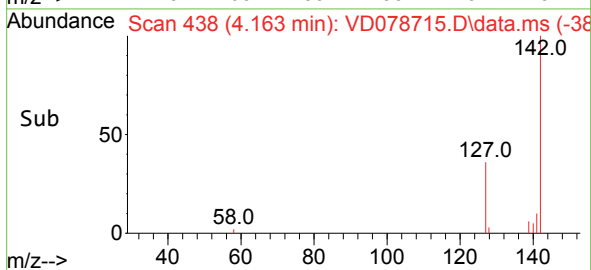
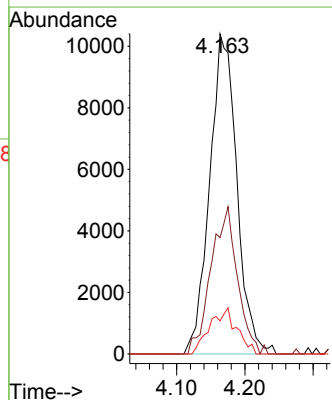
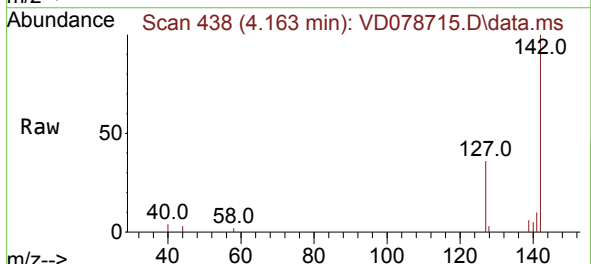
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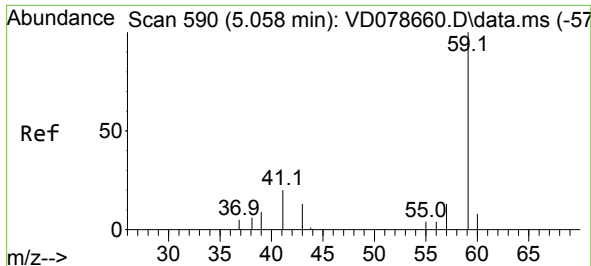
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Ion Ratio Lower Upper
101 100
85 43.4 35.8 53.6
151 72.3 59.4 89.2



#10
Methyl Iodide
Concen: 19.171 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion:142 Resp: 28871
Ion Ratio Lower Upper
142 100
127 45.0 33.5 50.3
141 14.2 11.7 17.5

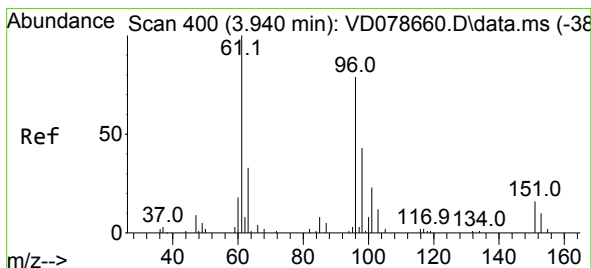
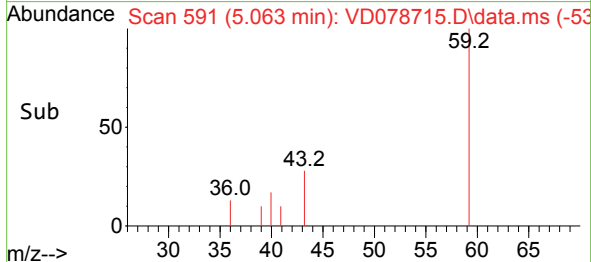
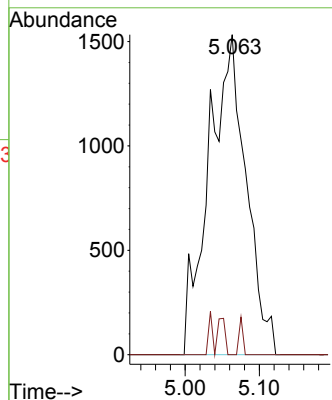
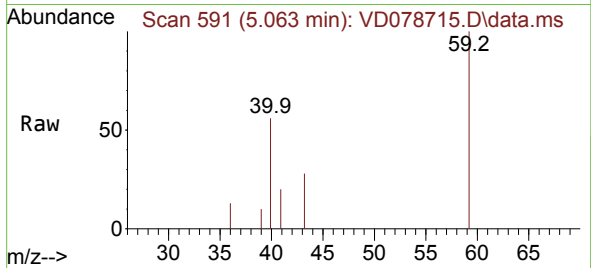




#11
Tert butyl alcohol
Concen: 108.364 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

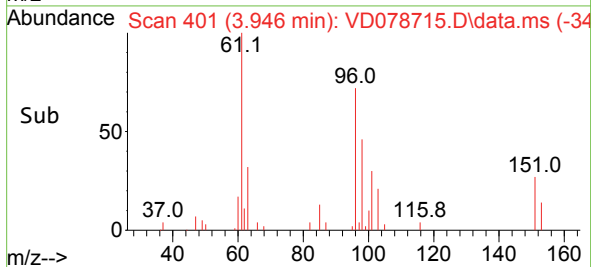
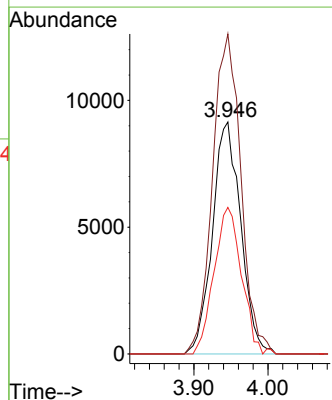
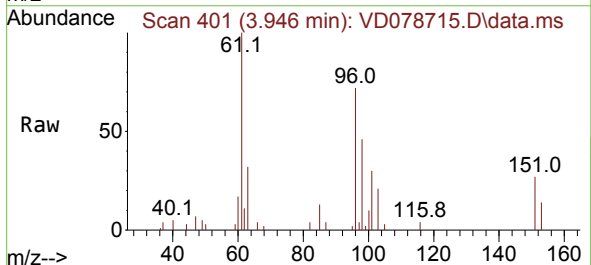
Instrument :
MSVOA_D
ClientSampleId :

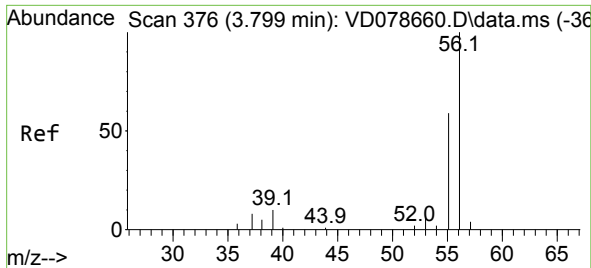
Tgt Ion: 59 Resp: 5376
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.014 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 96 Resp: 24223
Ion Ratio Lower Upper
96 100
61 138.0 101.4 152.0
98 63.2 43.4 65.0





#13

Acrolein

Concen: 99.660 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

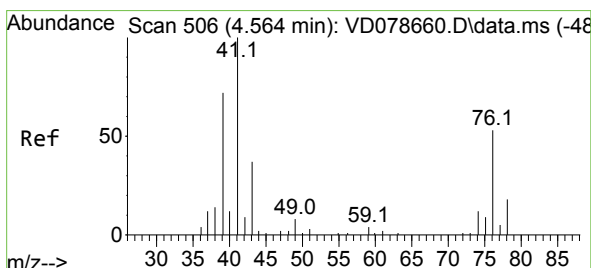
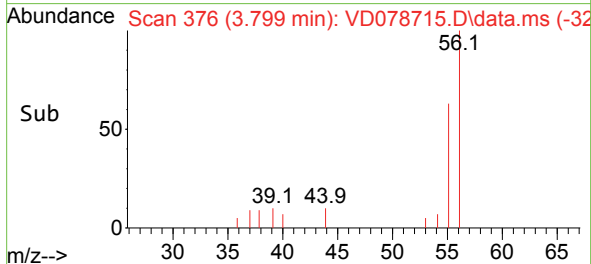
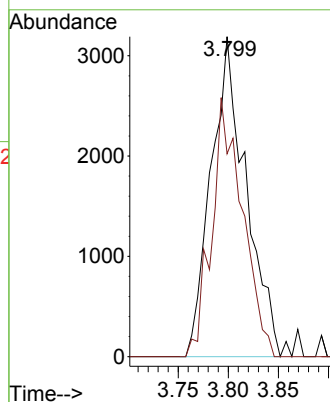
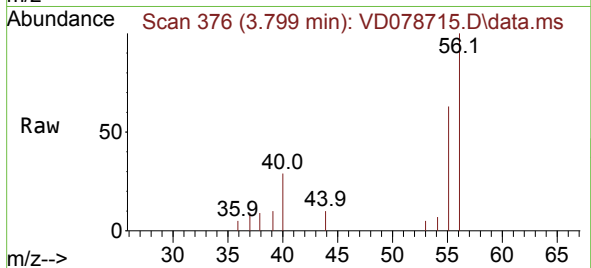
ClientSampleId :

Tgt Ion: 56 Resp: 7745

Ion Ratio Lower Upper

56 100

55 71.0 54.9 82.3



#14

Allyl chloride

Concen: 18.599 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

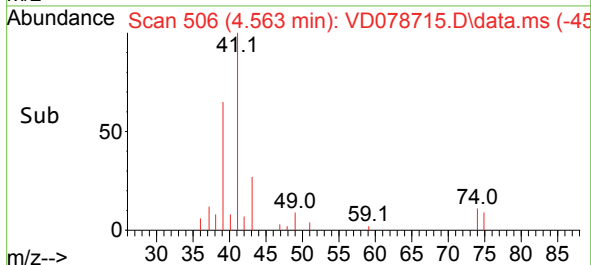
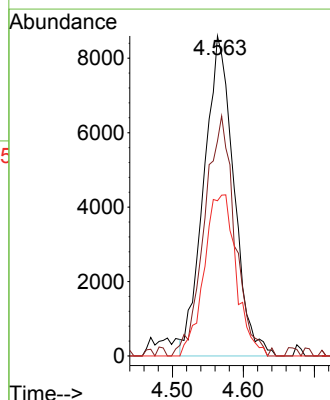
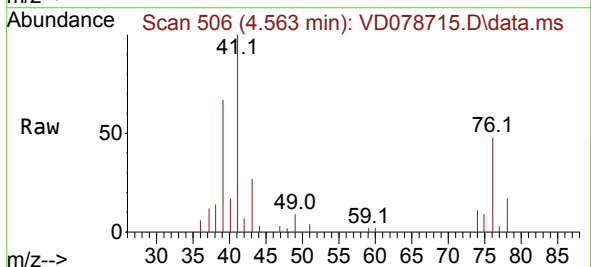
Tgt Ion: 41 Resp: 25117

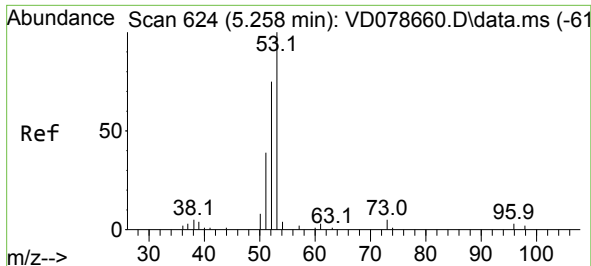
Ion Ratio Lower Upper

41 100

39 77.0 57.8 86.6

76 54.1 44.8 67.2

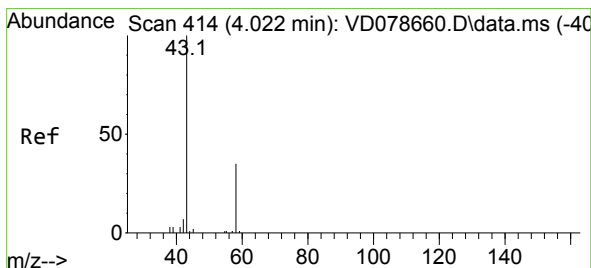
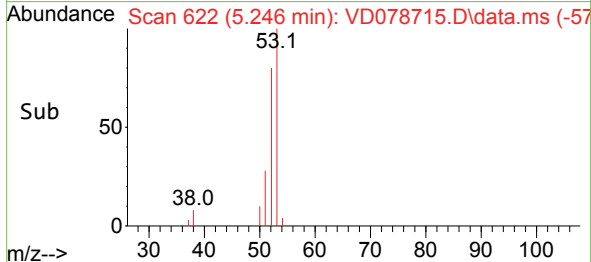
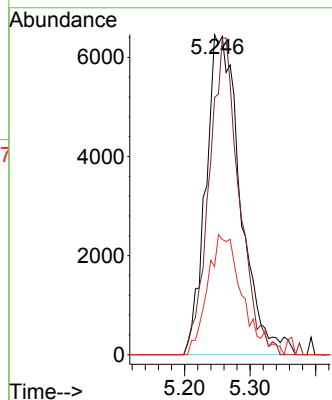
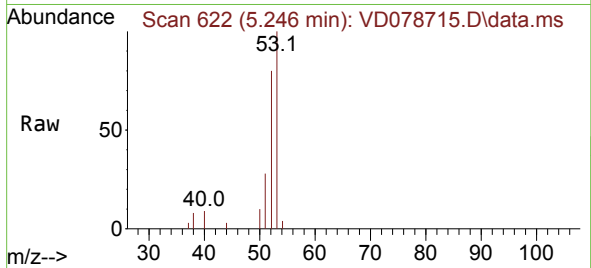




#15
Acrylonitrile
Concen: 97.952 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

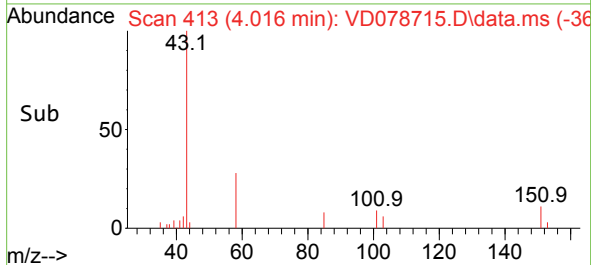
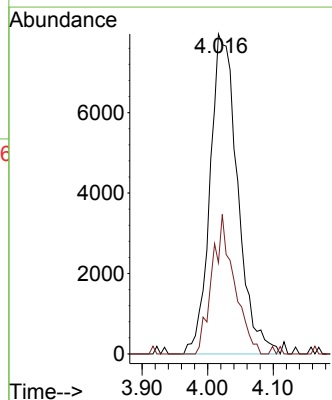
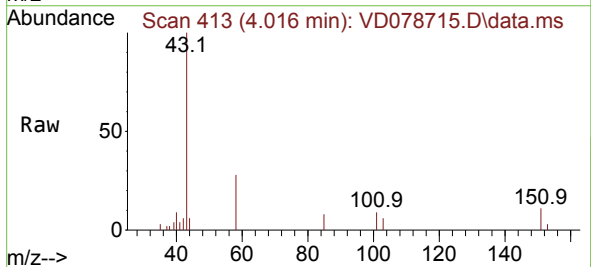
Instrument :
MSVOA_D
ClientSampleId :

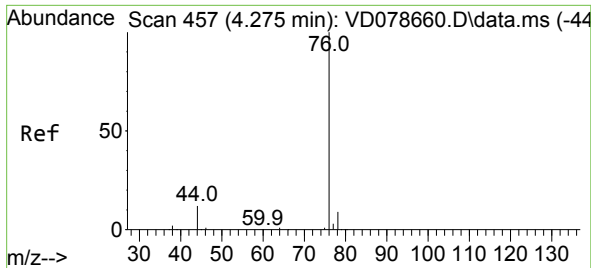
Tgt Ion: 53	Resp: 23388
Ion Ratio	Lower Upper
53 100	
52 87.7	61.9 92.9
51 38.1	29.0 43.4



#16
Acetone
Concen: 108.269 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 43	Resp: 23209
Ion Ratio	Lower Upper
43 100	
58 28.5	28.2 42.4

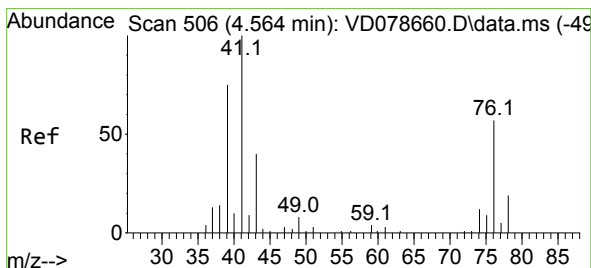
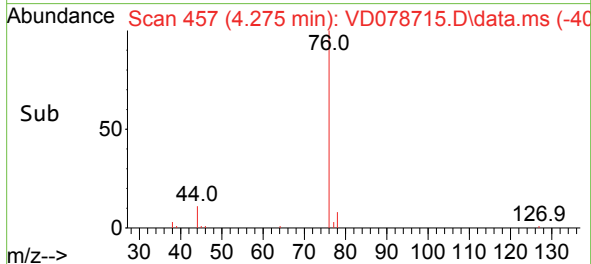
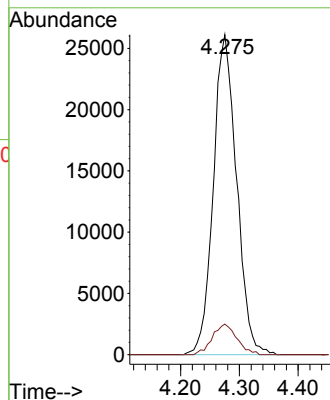
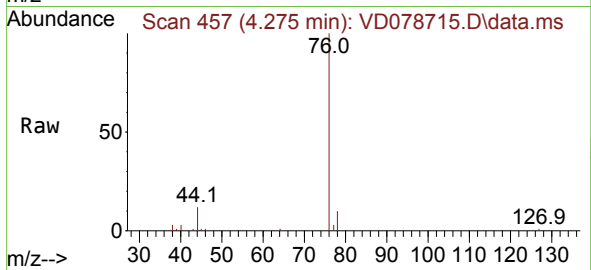




#17
Carbon Disulfide
Concen: 18.097 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

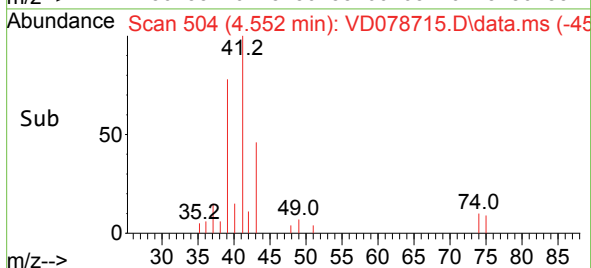
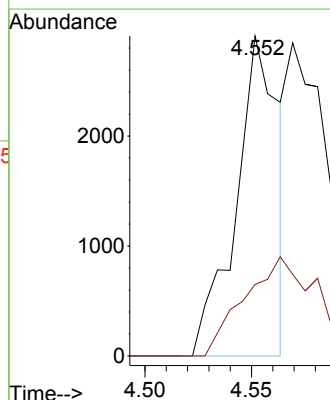
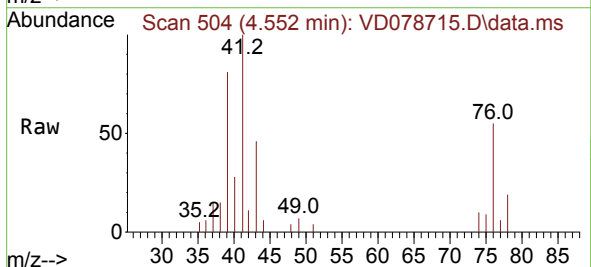
Instrument :
MSVOA_D
ClientSampleId :

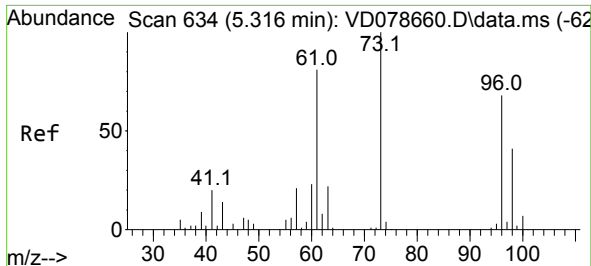
Tgt Ion: 76 Resp: 71804
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 8.808 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 43 Resp: 4052
Ion Ratio Lower Upper
43 100
74 58.6 25.3 37.9#

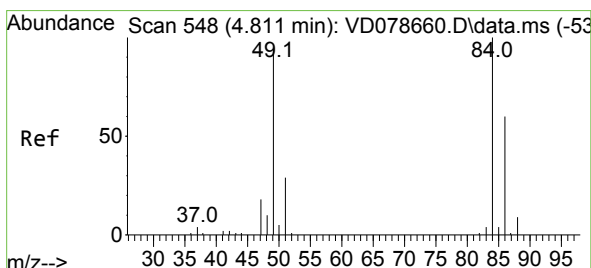
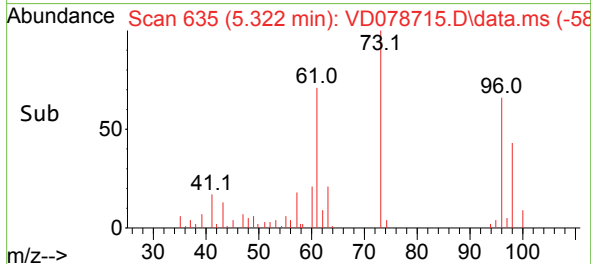
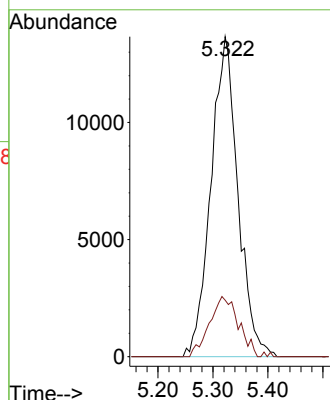
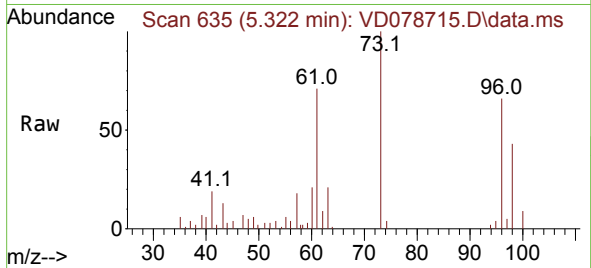




#19
Methyl tert-butyl Ether
Concen: 19.097 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

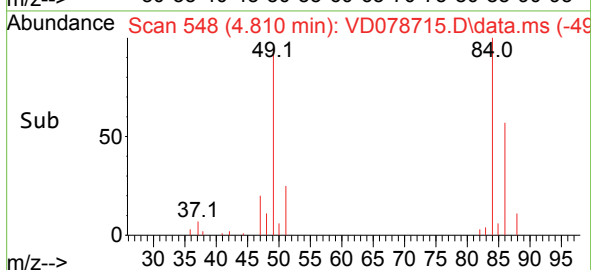
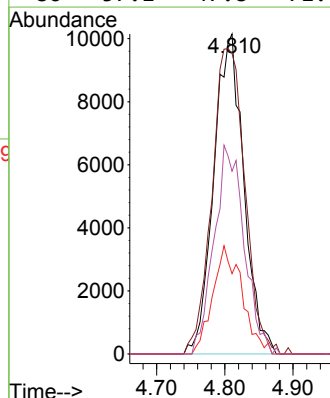
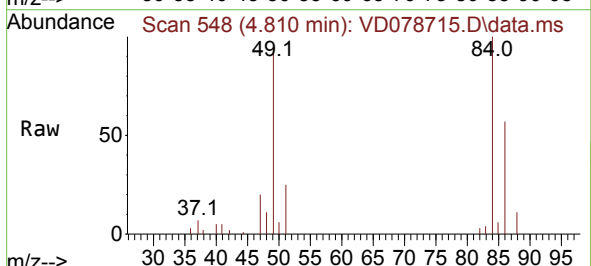
Instrument :
MSVOA_D
ClientSampleId :

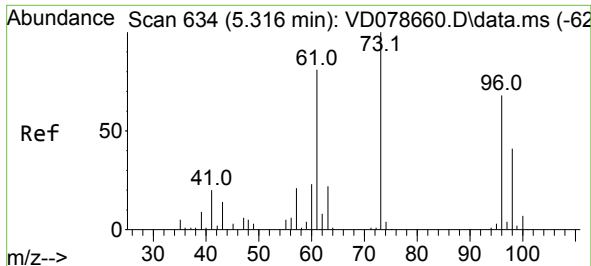
Tgt Ion: 73 Resp: 46611
Ion Ratio Lower Upper
73 100
57 17.7 16.4 24.6



#20
Methylene Chloride
Concen: 18.155 ug/l
RT: 4.810 min Scan# 548
Delta R.T. -0.001 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

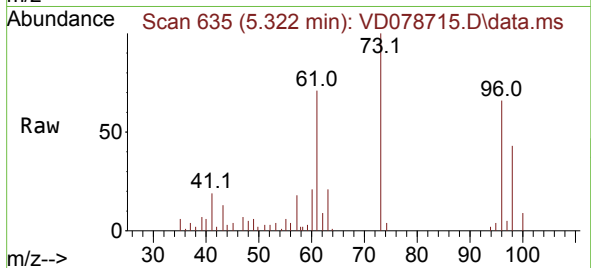
Tgt Ion: 84 Resp: 31067
Ion Ratio Lower Upper
84 100
49 94.0 75.6 113.4
51 25.1 23.4 35.0
86 57.1 47.8 71.6



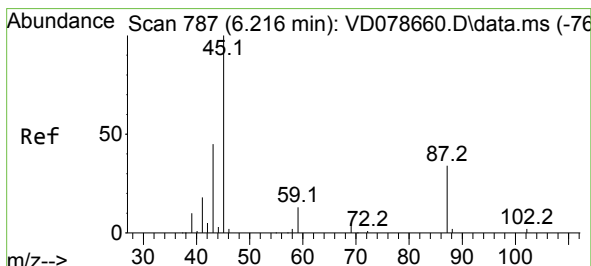
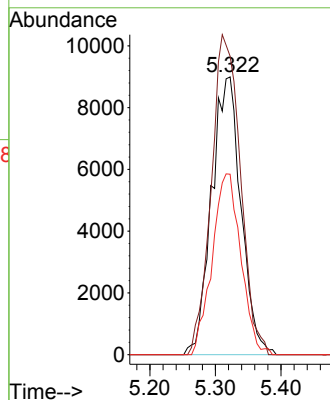
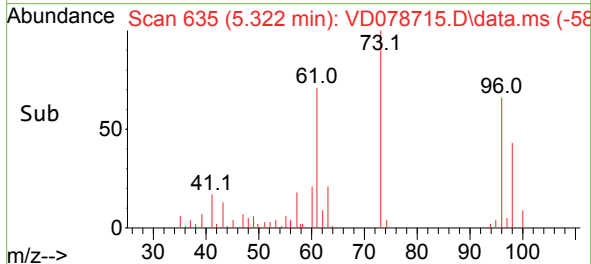


#21
trans-1,2-Dichloroethene
Concen: 19.571 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

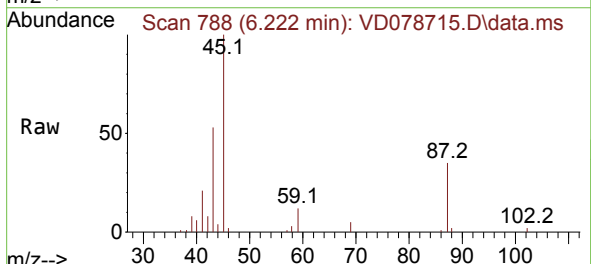
Instrument :
MSVOA_D
ClientSampleId :



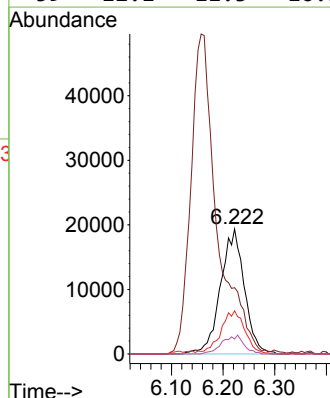
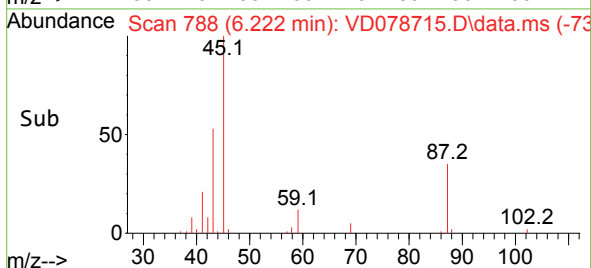
Tgt Ion: 96 Resp: 27949
Ion Ratio Lower Upper
96 100
61 107.5 96.1 144.1
98 65.0 48.9 73.3

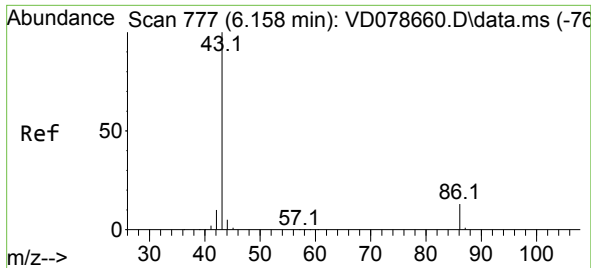


#22
Diisopropyl ether
Concen: 20.190 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59



Tgt Ion: 45 Resp: 61992
Ion Ratio Lower Upper
45 100
43 51.6 44.3 66.5
87 34.6 28.3 42.5
59 12.1 11.3 16.9

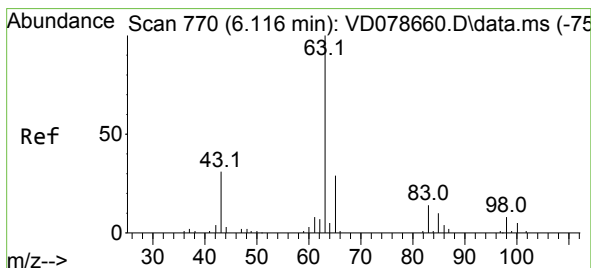
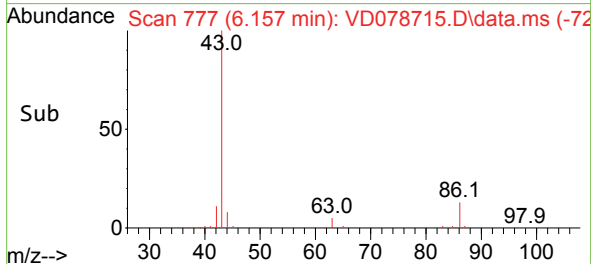
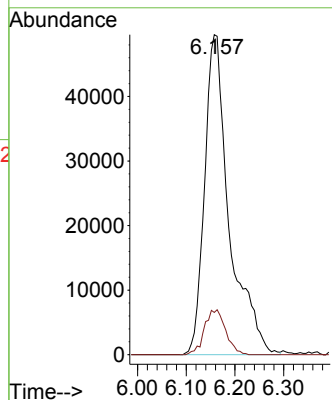
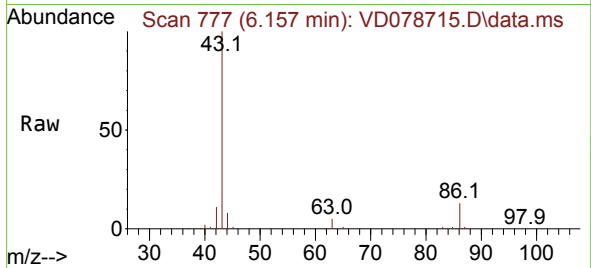




#23
 Vinyl Acetate
 Concen: 97.244 ug/l
 RT: 6.157 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

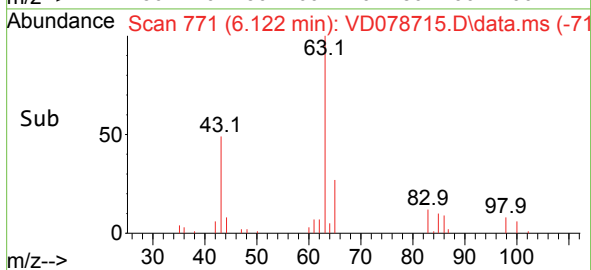
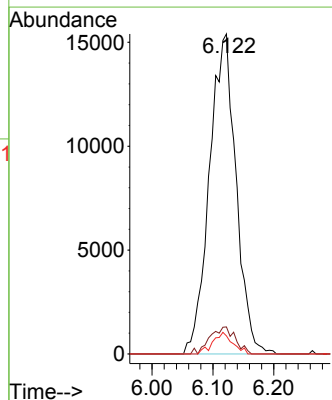
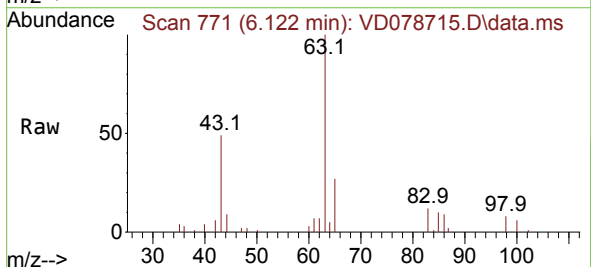
Instrument :
 MSVOA_D
 ClientSampleId :

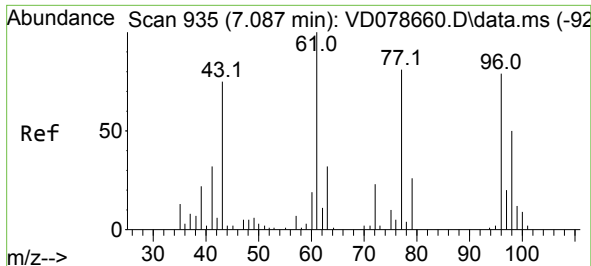
Tgt Ion: 43 Resp: 174648
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.353 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Tgt Ion: 63 Resp: 46852
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 5.7 2.7 8.1

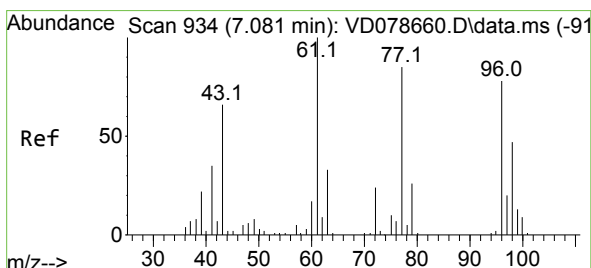
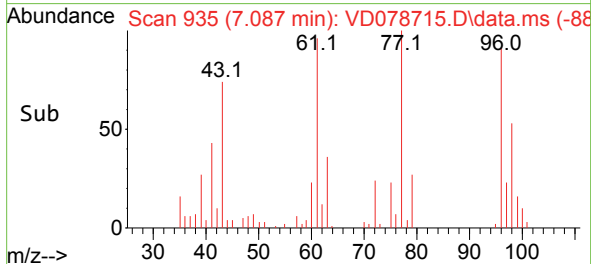
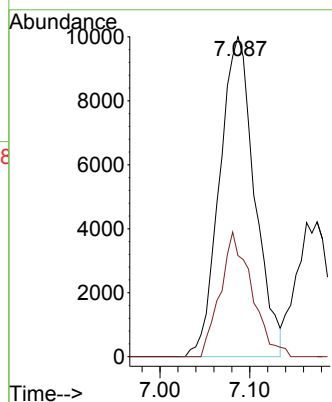
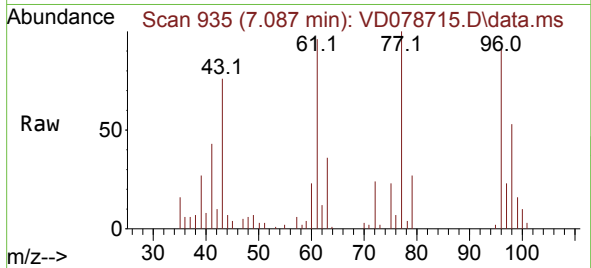




#25
2-Butanone
Concen: 95.393 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

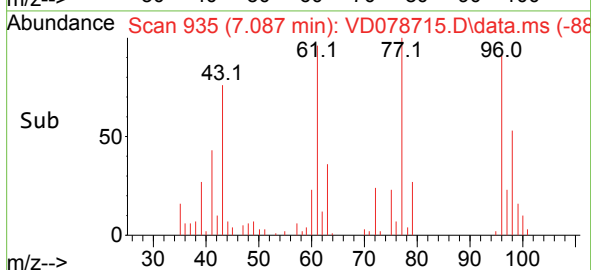
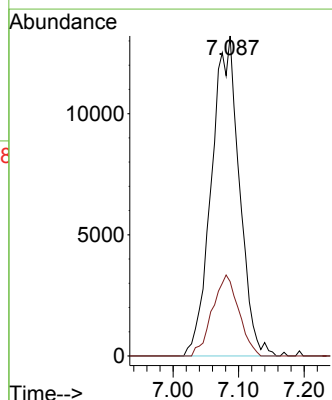
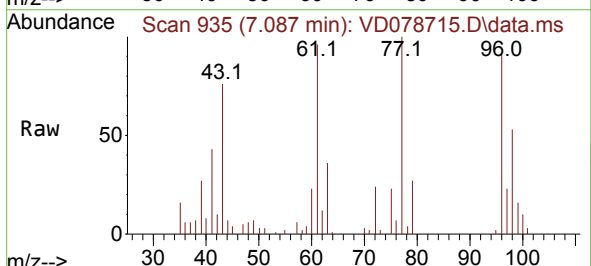
Instrument :
MSVOA_D
ClientSampleId :

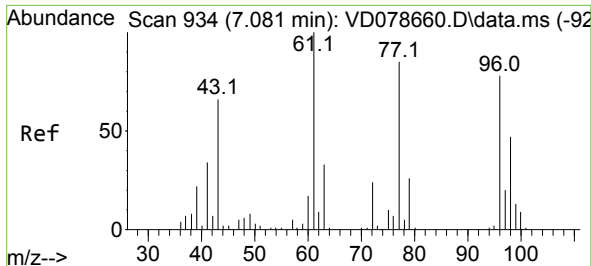
Tgt Ion: 43 Resp: 27187
Ion Ratio Lower Upper
43 100
72 31.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 20.002 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 77 Resp: 38956
Ion Ratio Lower Upper
77 100
97 23.9 12.4 37.0



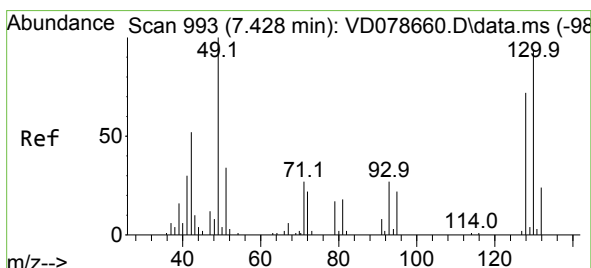
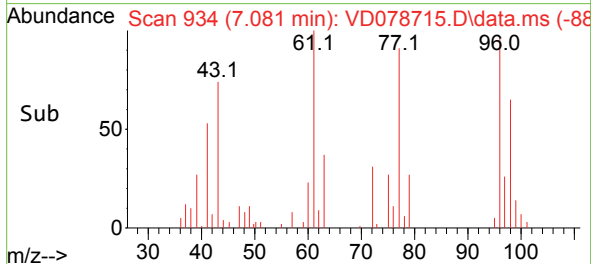
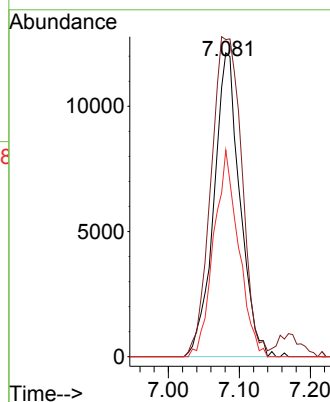
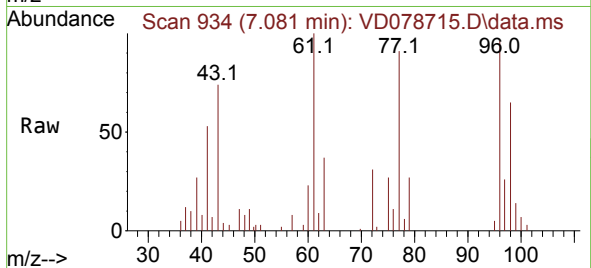


#27
 cis-1,2-Dichloroethene
 Concen: 19.067 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 31057

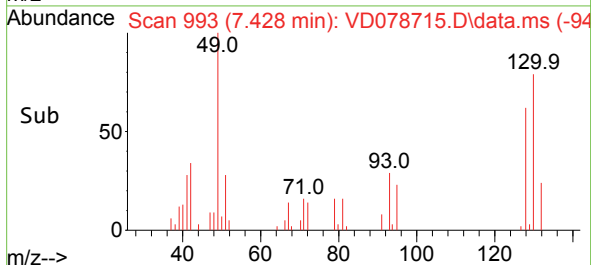
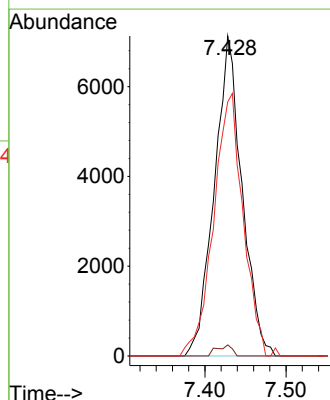
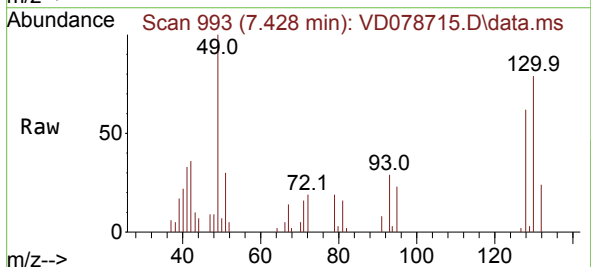
Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	245.0
98	64.6	0.0	126.6

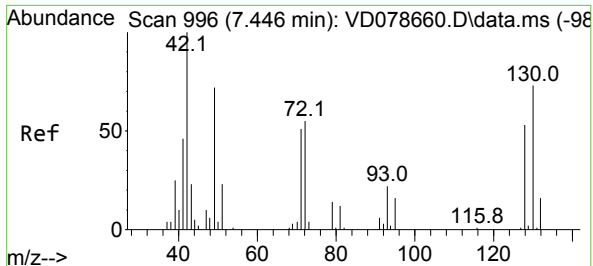


#28
 Bromochloromethane
 Concen: 20.617 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Tgt Ion: 49 Resp: 16920

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	6.2
130	86.8	77.1	115.7

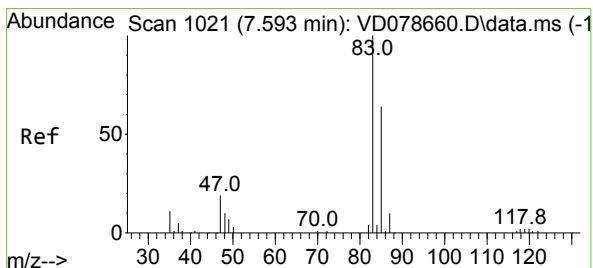
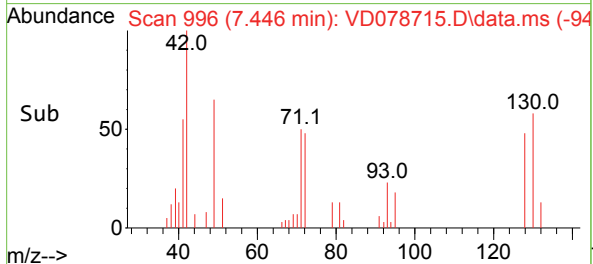
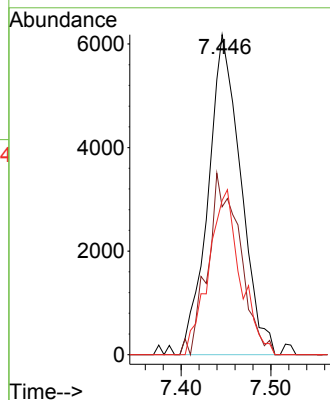
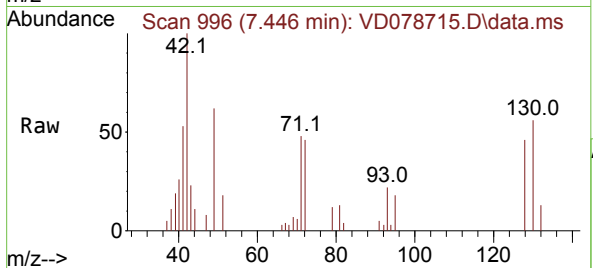




#29
Tetrahydrofuran
Concen: 100.598 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

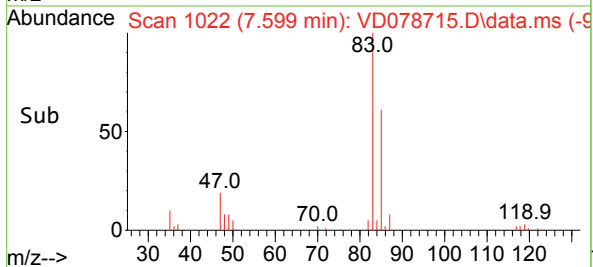
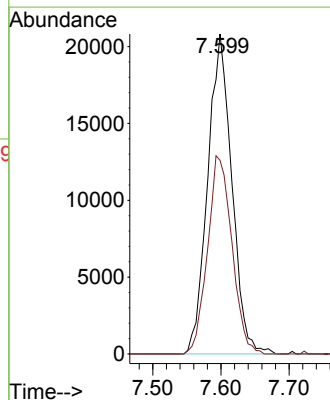
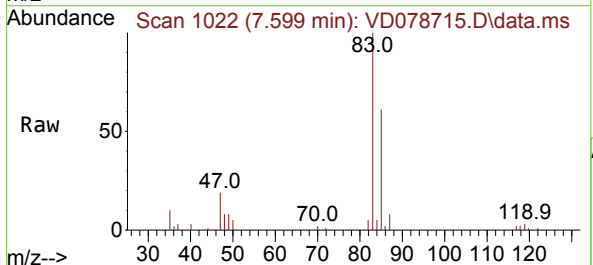
Instrument :
MSVOA_D
ClientSampleId :

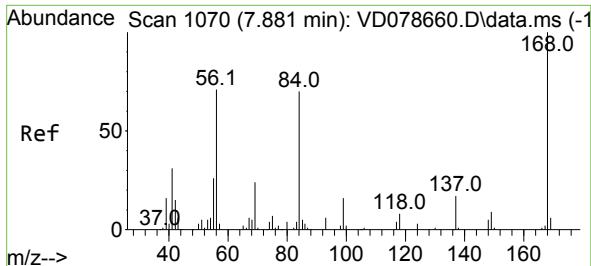
Tgt Ion:	42	Resp:	15594
Ion	Ratio	Lower	Upper
42	100		
72	55.9	43.8	65.6
71	50.4	42.0	63.0



#30
Chloroform
Concen: 19.972 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

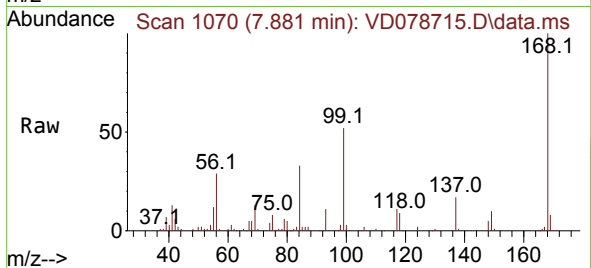
Tgt Ion:	83	Resp:	51260
Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.2	76.8



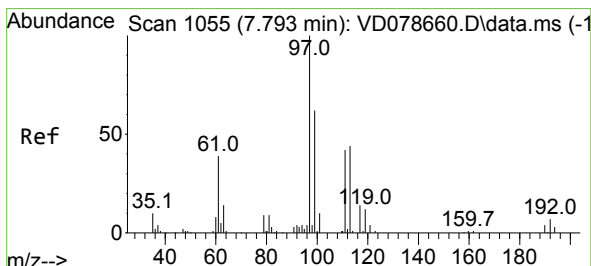
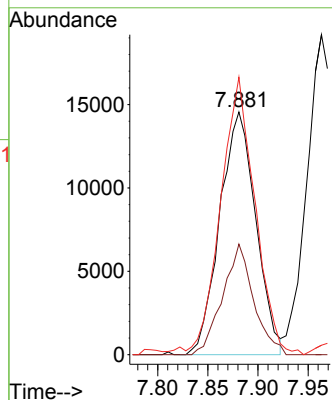
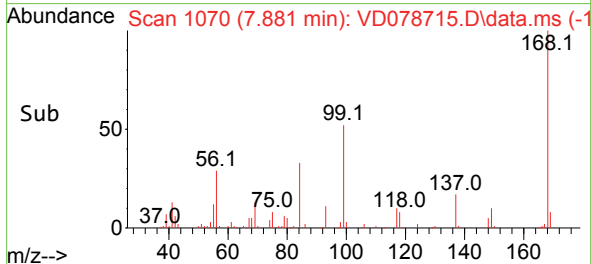


#31
Cyclohexane
Concen: 19.528 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :

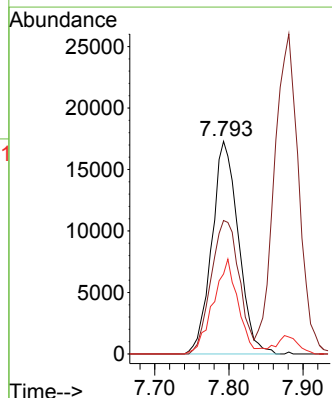
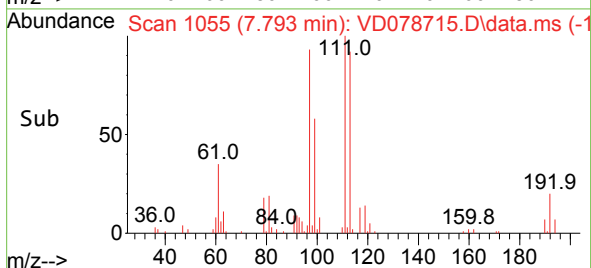
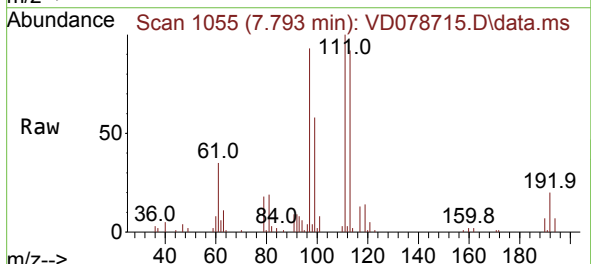


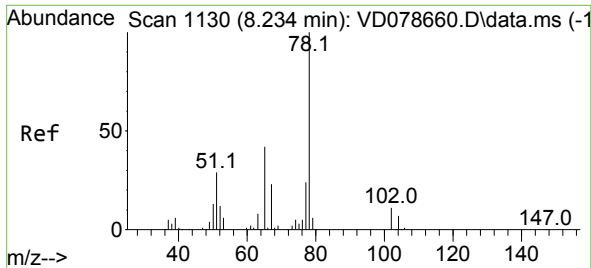
Tgt Ion: 56 Resp: 36385
Ion Ratio Lower Upper
56 100
69 45.5 26.6 40.0#
84 111.1 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 19.726 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 97 Resp: 42956
Ion Ratio Lower Upper
97 100
99 66.9 50.8 76.2
61 41.7 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 51.189 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

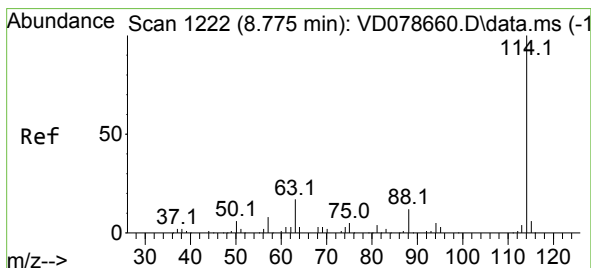
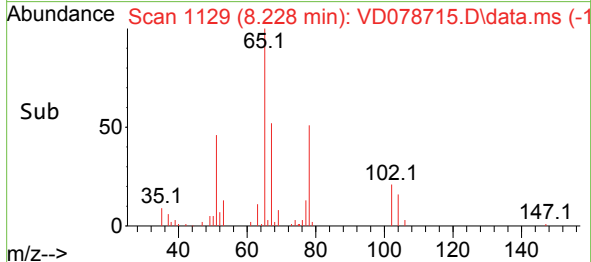
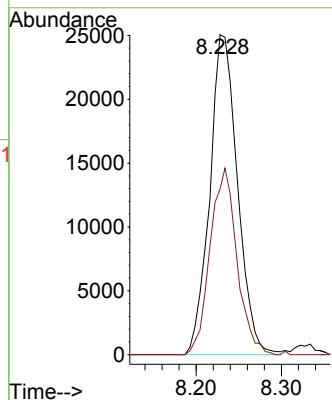
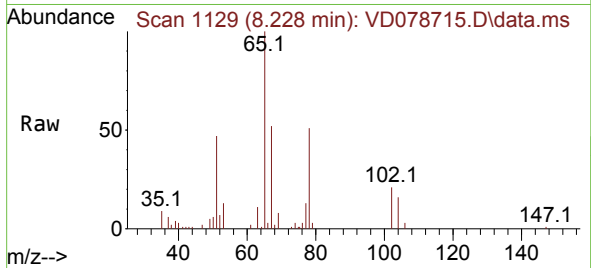
ClientSampleId :

Tgt Ion: 65 Resp: 56746

Ion Ratio Lower Upper

65 100

67 56.2 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: VD078715.D

Acq: 20 Mar 2024 11:59

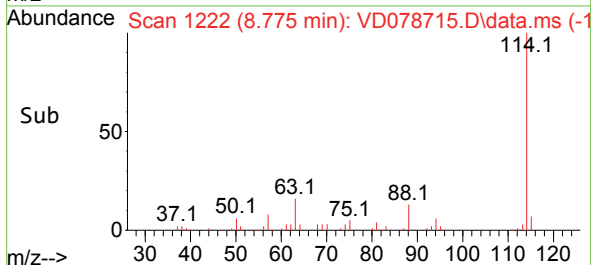
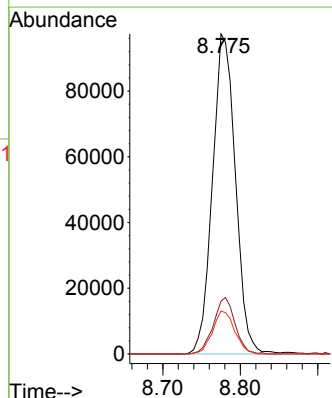
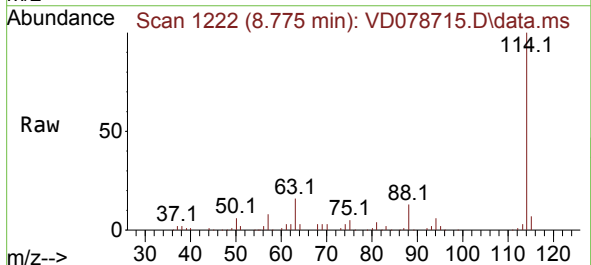
Tgt Ion: 114 Resp: 200046

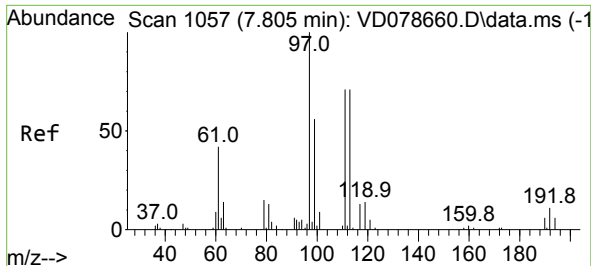
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.4 0.0 24.6





#35

Dibromofluoromethane

Concen: 49.915 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

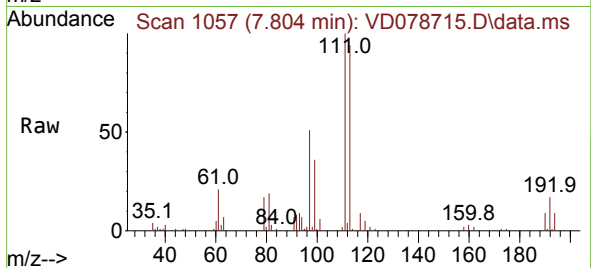
Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

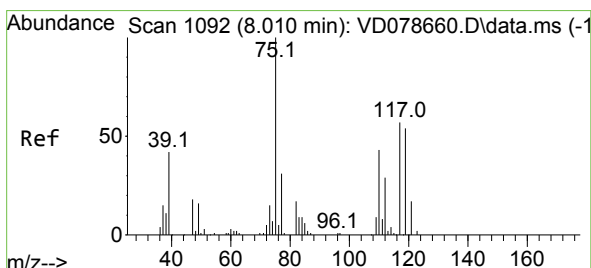
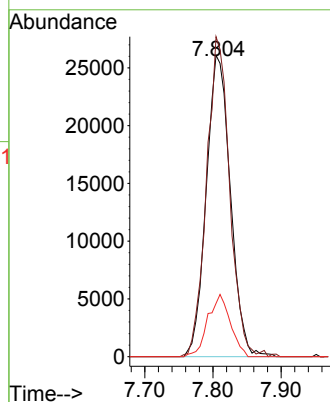
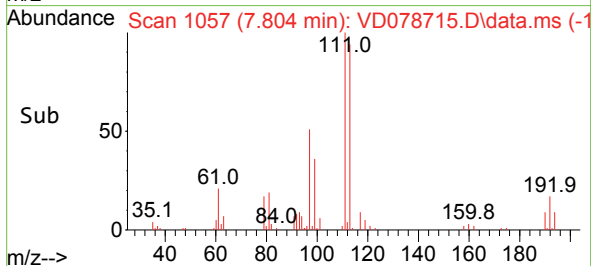
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	64290
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	19.3	15.4	23.0



#36

1,1-Dichloropropene

Concen: 19.453 ug/l

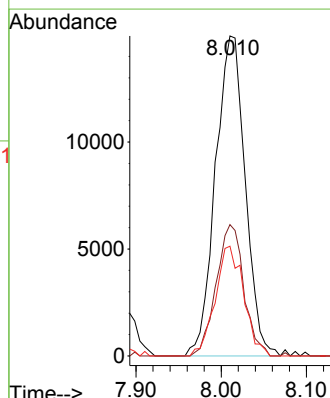
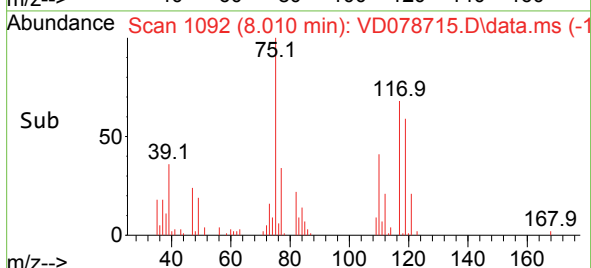
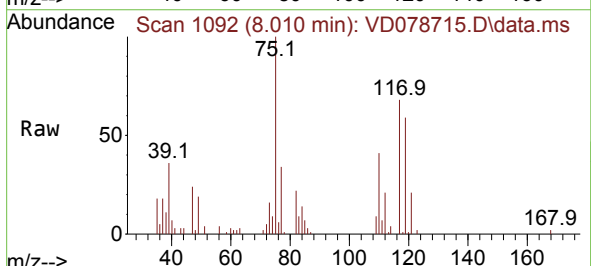
RT: 8.010 min Scan# 1092

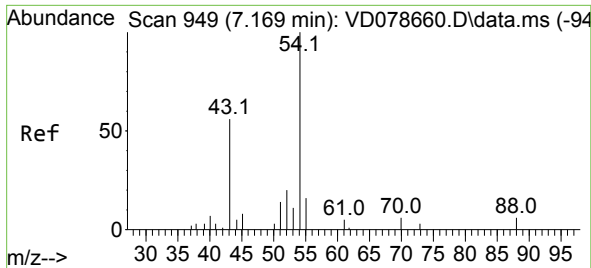
Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Tgt Ion:	75	Resp:	36353
Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.1
77	32.8	25.4	38.2





#37

Ethyl Acetate

Concen: 19.815 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

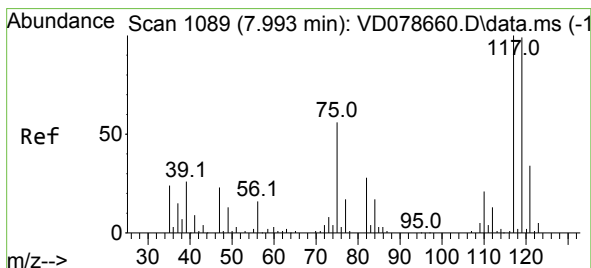
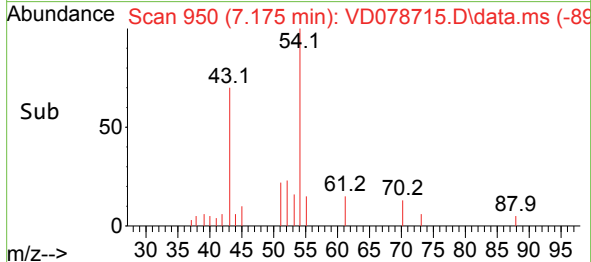
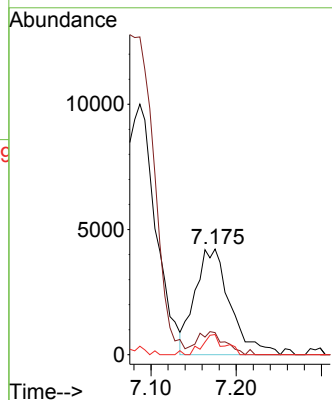
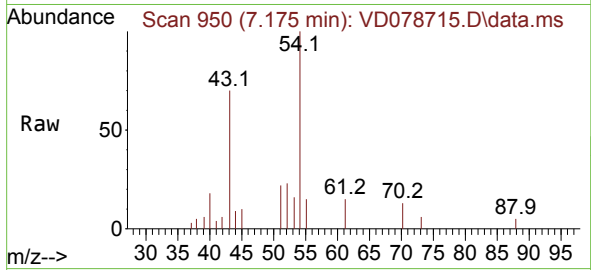
Tgt Ion: 43 Resp: 12097

Ion Ratio Lower Upper

43 100

61 17.3 14.6 21.8

70 11.8 9.4 14.0



#38

Carbon Tetrachloride

Concen: 19.866 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

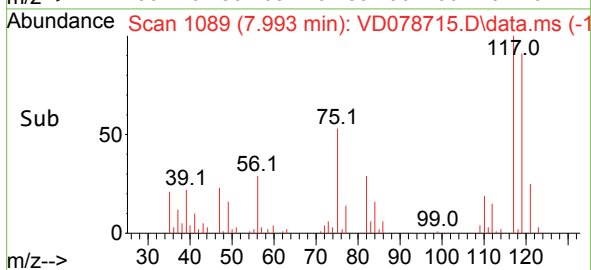
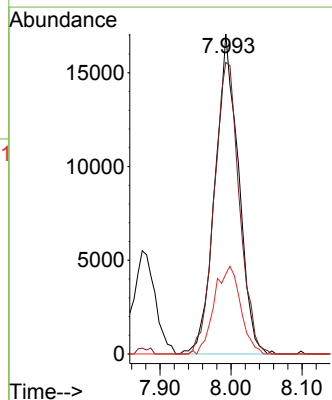
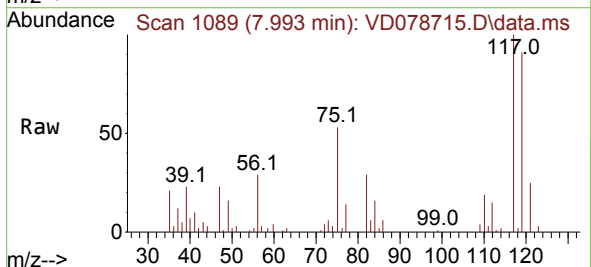
Tgt Ion:117 Resp: 39138

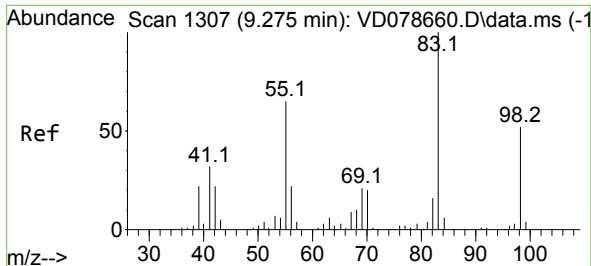
Ion Ratio Lower Upper

117 100

119 91.1 79.2 118.8

121 25.0 26.8 40.2#





#39

Methylcyclohexane

Concen: 19.471 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

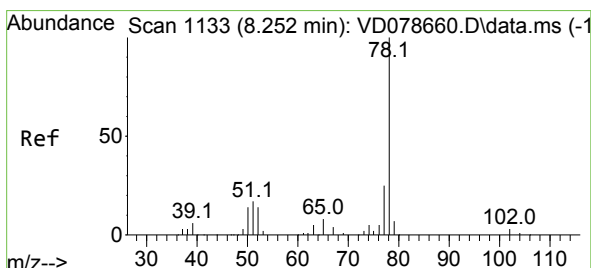
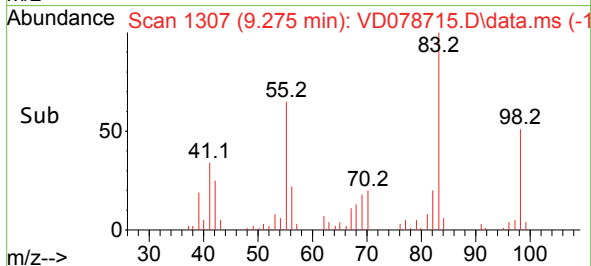
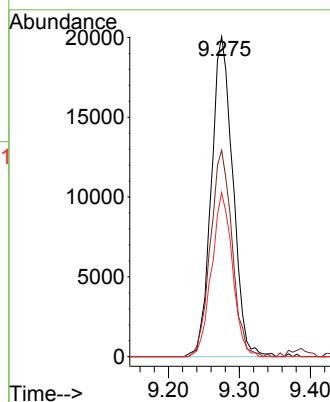
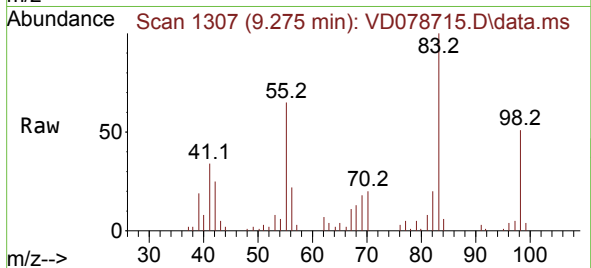
Tgt Ion: 83 Resp: 42210

Ion Ratio Lower Upper

83 100

55 64.5 51.7 77.5

98 51.3 41.4 62.0



#40

Benzene

Concen: 19.423 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078715.D

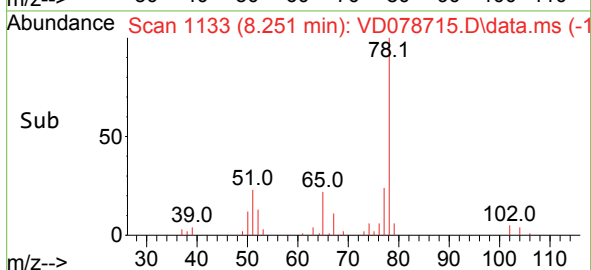
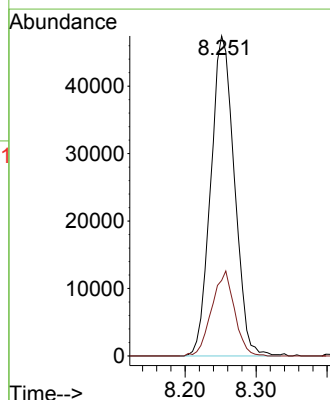
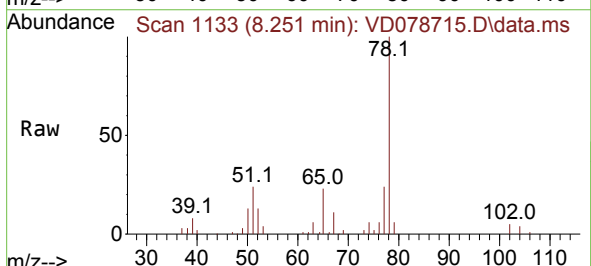
Acq: 20 Mar 2024 11:59

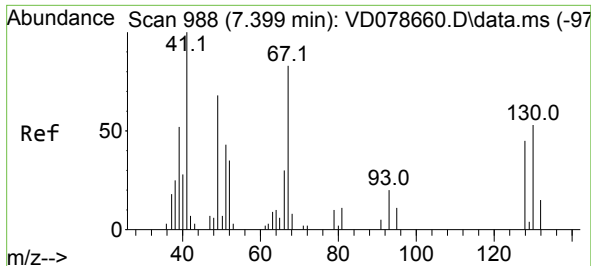
Tgt Ion: 78 Resp: 109721

Ion Ratio Lower Upper

78 100

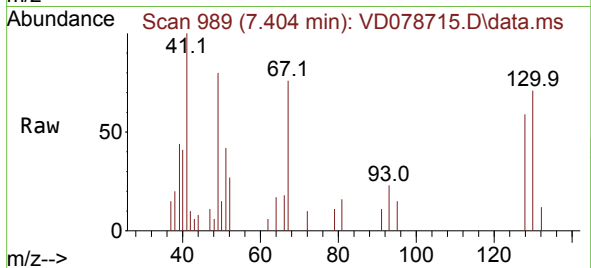
77 23.6 20.4 30.6



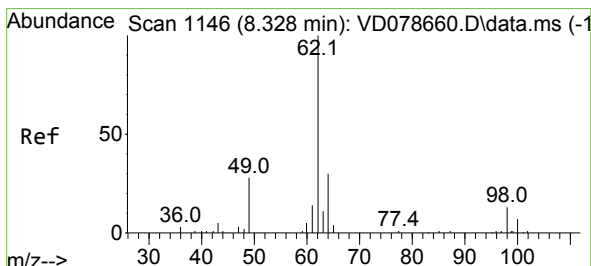
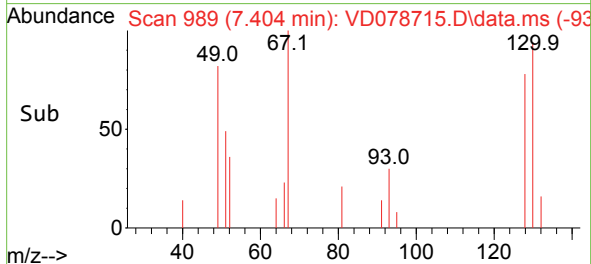
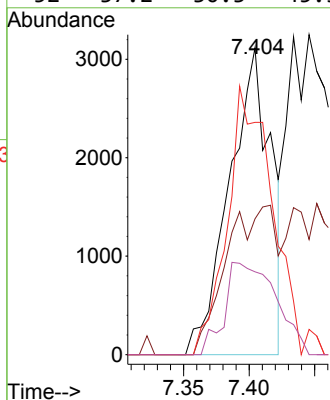


#41
Methacrylonitrile
Concen: 21.458 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :

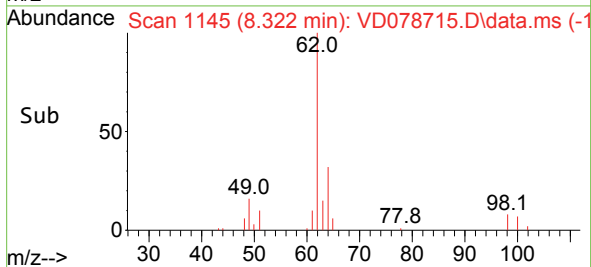
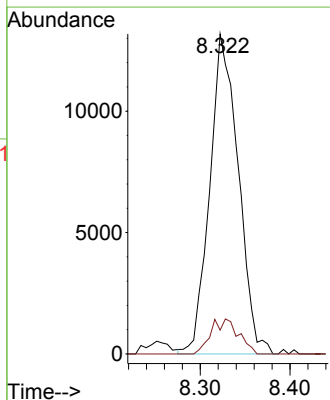
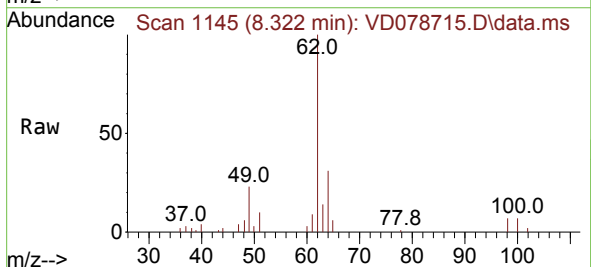


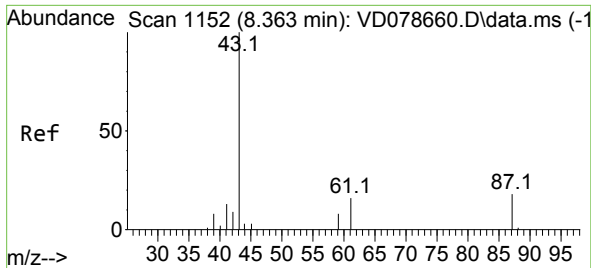
Tgt Ion: 41 Resp: 6865
Ion Ratio Lower Upper
41 100
39 30.6 39.8 59.6#
67 95.6 83.5 125.3
52 37.2 30.3 45.5



#42
1,2-Dichloroethane
Concen: 21.149 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 62 Resp: 29136
Ion Ratio Lower Upper
62 100
98 10.6 0.0 23.8

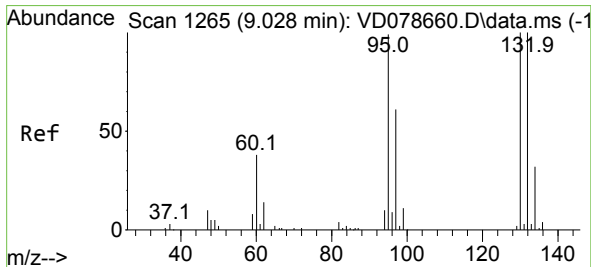
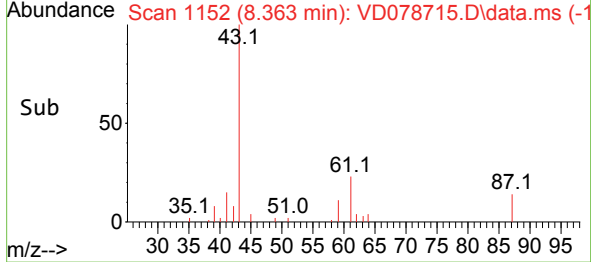
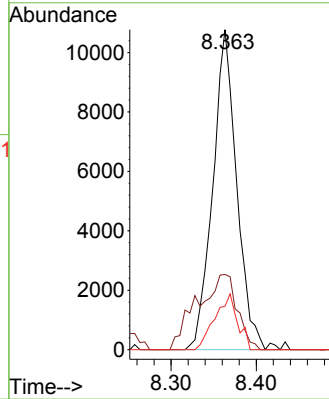
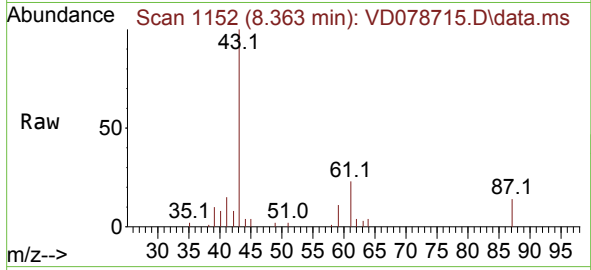




#43
Isopropyl Acetate
Concen: 18.944 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

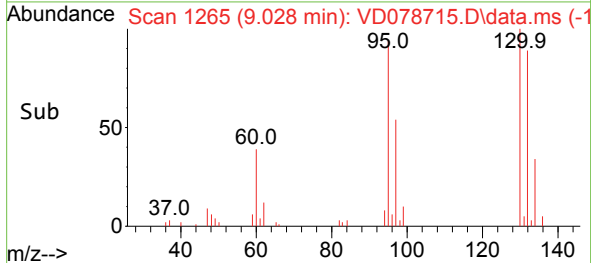
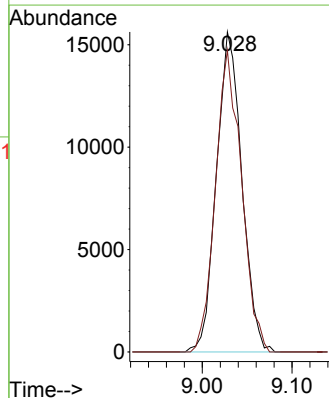
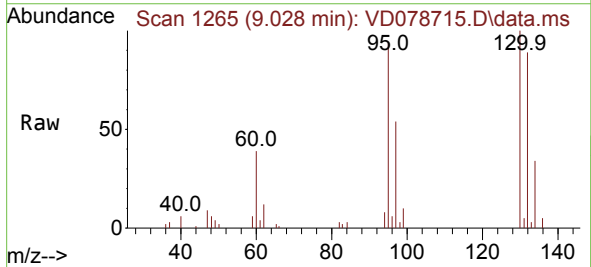
Instrument :
MSVOA_D
ClientSampleId :

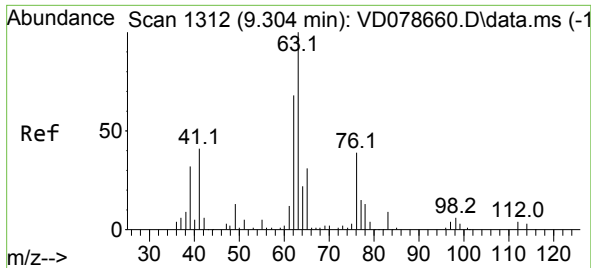
Tgt Ion: 43	Resp: 21033
Ion Ratio	Lower Upper
43	100
61	39.1 30.1 45.1
87	16.4 14.4 21.6



#44
Trichloroethene
Concen: 20.082 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 130	Resp: 30787
Ion Ratio	Lower Upper
130	100
95	94.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.995 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

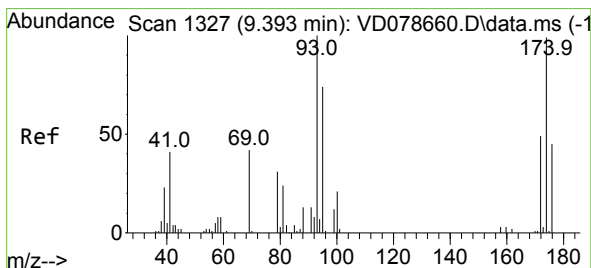
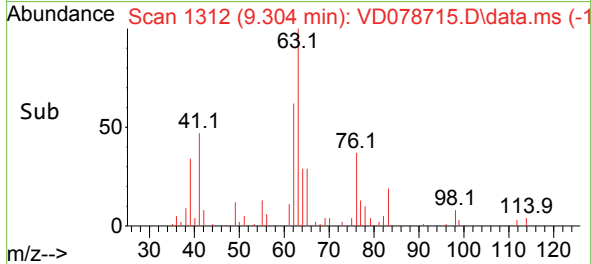
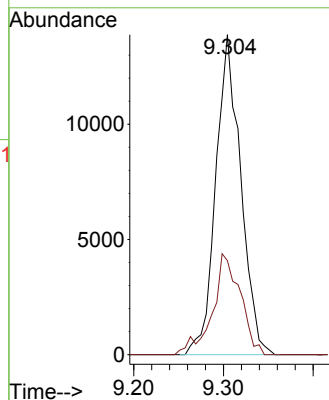
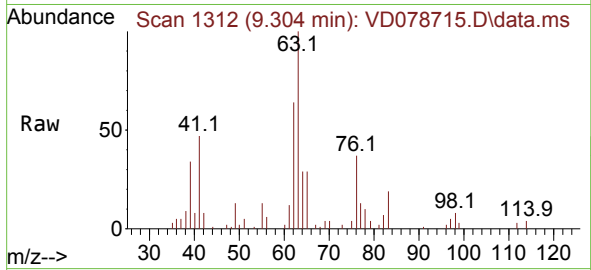
ClientSampleId :

Tgt Ion: 63 Resp: 26795

Ion Ratio Lower Upper

63 100

65 29.4 24.8 37.2



#46

Dibromomethane

Concen: 20.194 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

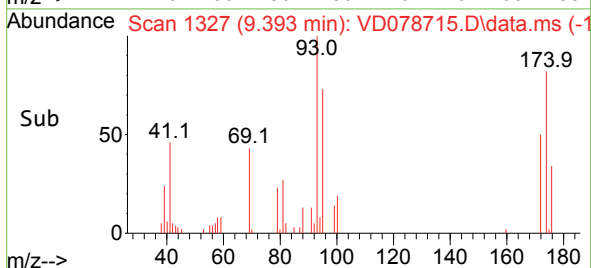
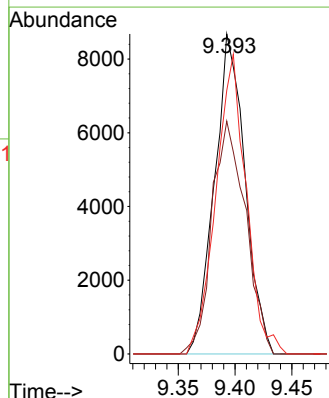
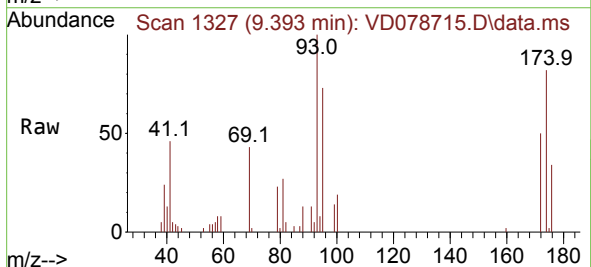
Tgt Ion: 93 Resp: 16222

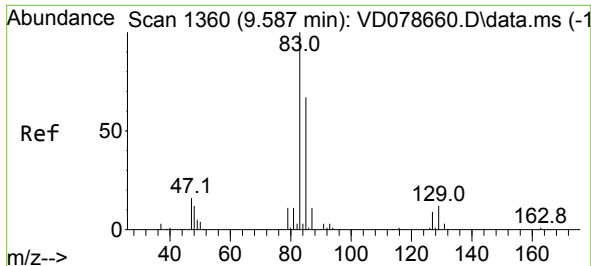
Ion Ratio Lower Upper

93 100

95 80.0 67.3 100.9

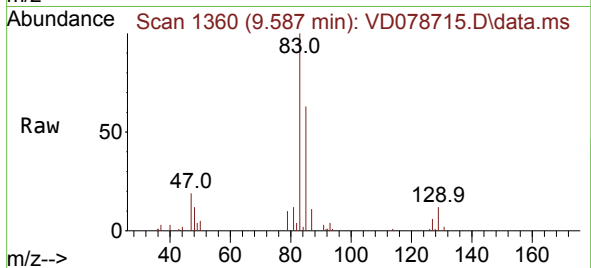
174 92.6 80.9 121.3



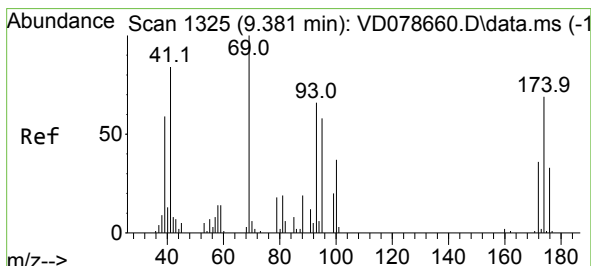
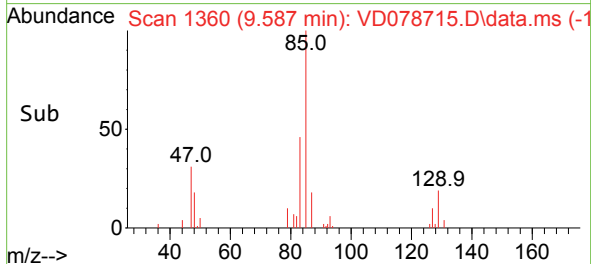
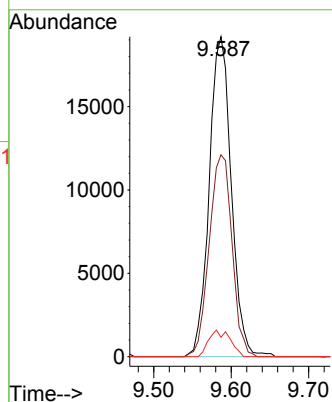


#47
Bromodichloromethane
Concen: 19.886 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :

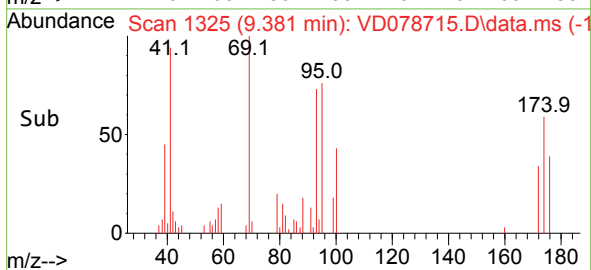
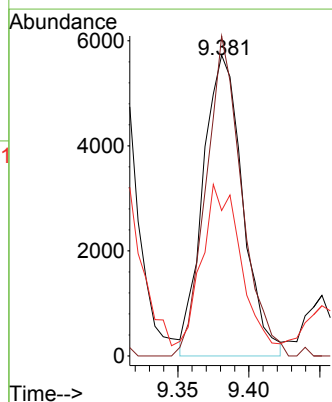
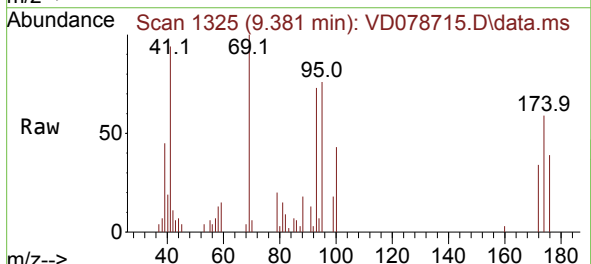


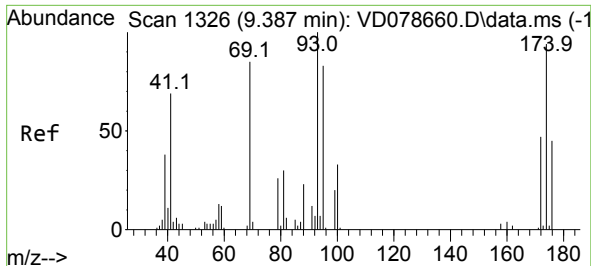
Tgt Ion: 83 Resp: 38030
Ion Ratio Lower Upper
83 100
85 63.1 54.0 81.0
127 6.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 20.507 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 41 Resp: 11094
Ion Ratio Lower Upper
41 100
69 96.3 88.3 132.5
39 52.9 46.6 69.8





#49

1,4-Dioxane

Concen: 360.590 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

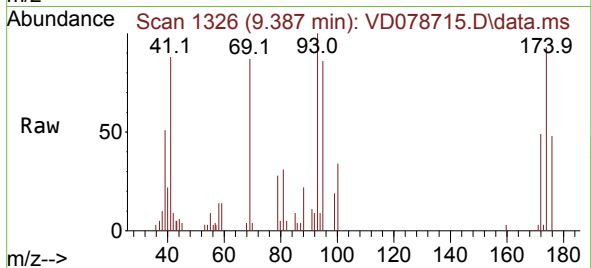
Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :



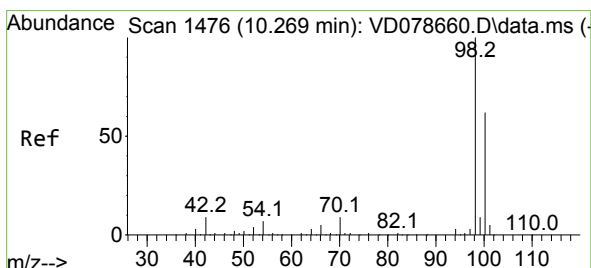
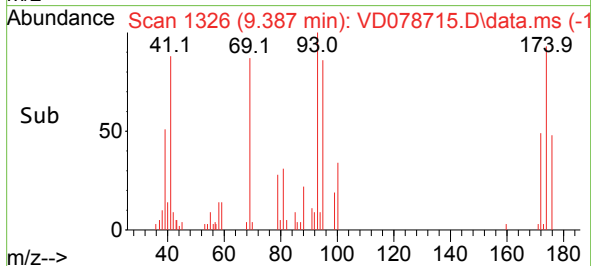
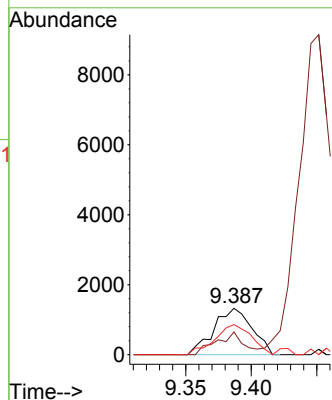
Tgt Ion: 88 Resp: 2682

Ion Ratio Lower Upper

88 100

43 35.3 23.2 34.8#

58 62.0 51.0 76.6



#50

Toluene-d8

Concen: 53.489 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078715.D

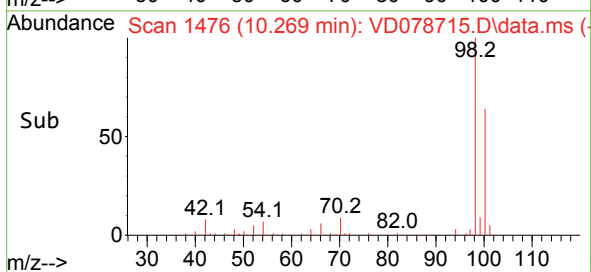
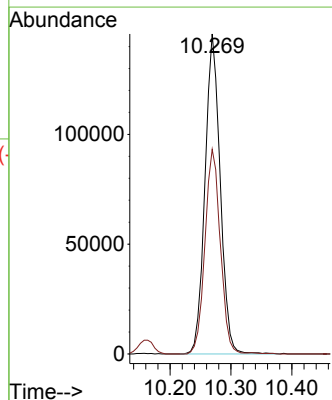
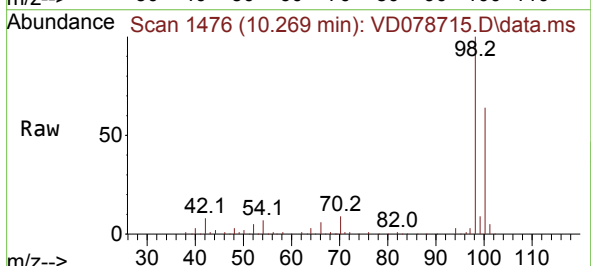
Acq: 20 Mar 2024 11:59

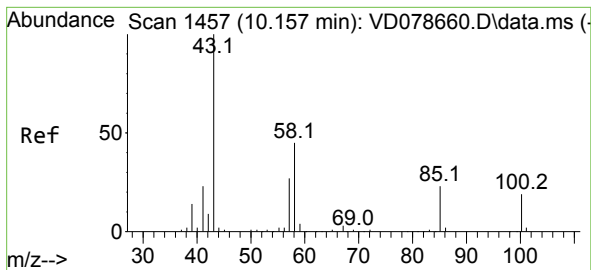
Tgt Ion: 98 Resp: 253368

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

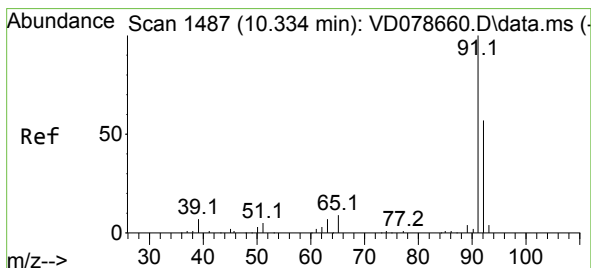
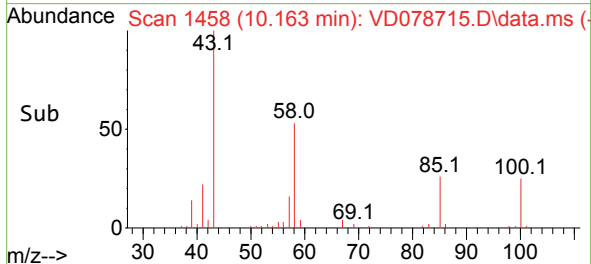
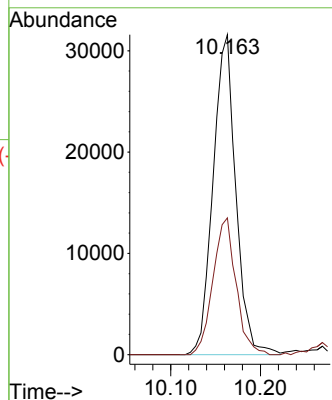
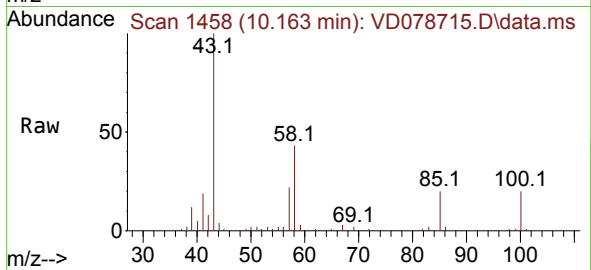




#51
4-Methyl-2-Pentanone
Concen: 95.718 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

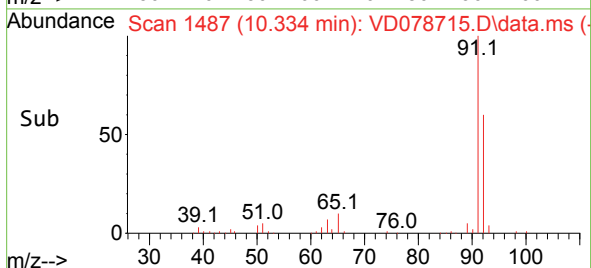
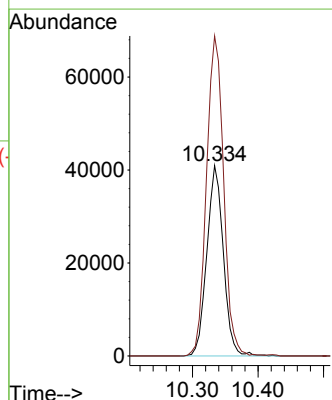
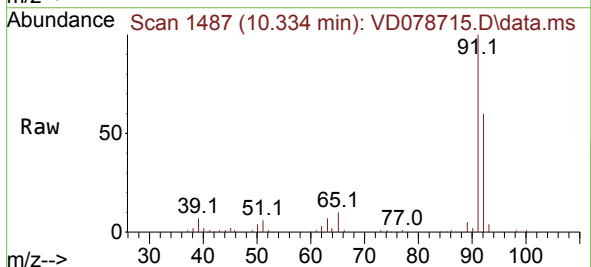
Instrument :
MSVOA_D
ClientSampleId :

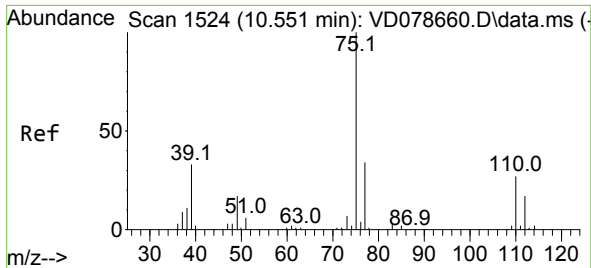
Tgt Ion: 43 Resp: 55559
Ion Ratio Lower Upper
43 100
58 43.3 36.4 54.6



#52
Toluene
Concen: 19.770 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 92 Resp: 71903
Ion Ratio Lower Upper
92 100
91 173.9 136.6 205.0

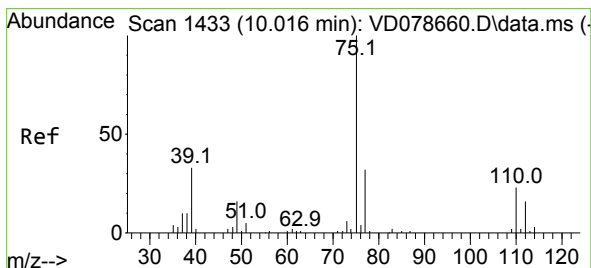
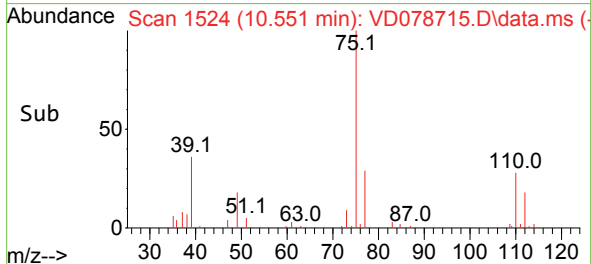
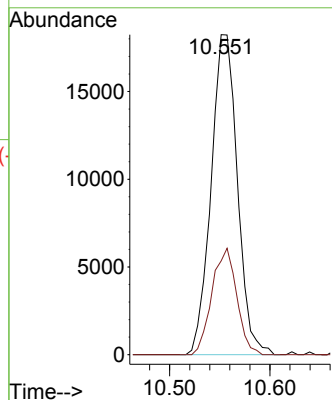
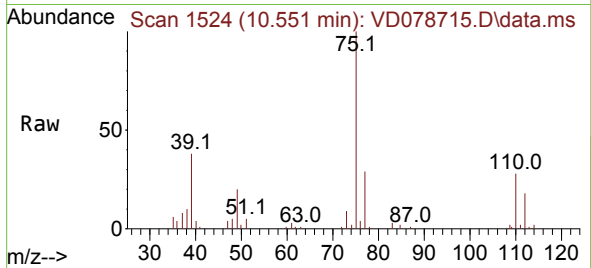




#53
 t-1,3-Dichloropropene
 Concen: 19.032 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

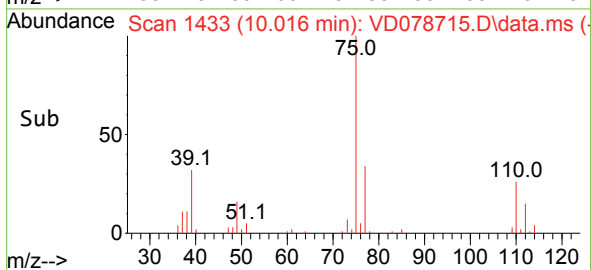
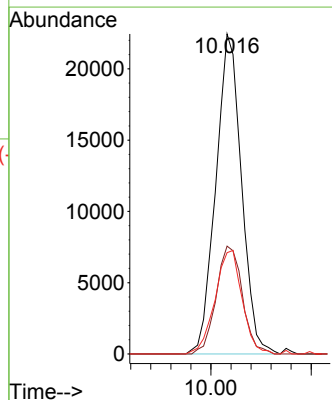
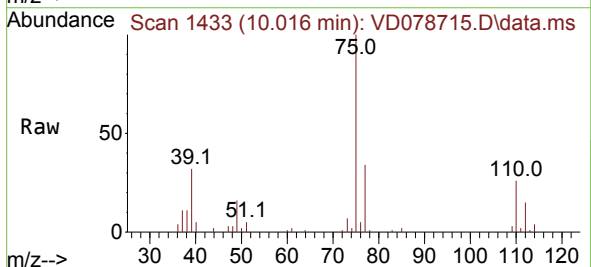
Instrument :
 MSVOA_D
 ClientSampleId :

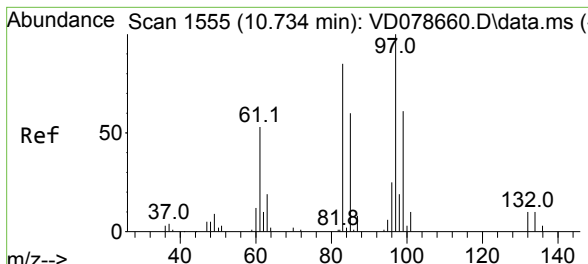
Tgt Ion: 75 Resp: 33277
 Ion Ratio Lower Upper
 75 100
 77 29.3 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.951 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Tgt Ion: 75 Resp: 39834
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0
 39 31.7 26.7 40.1

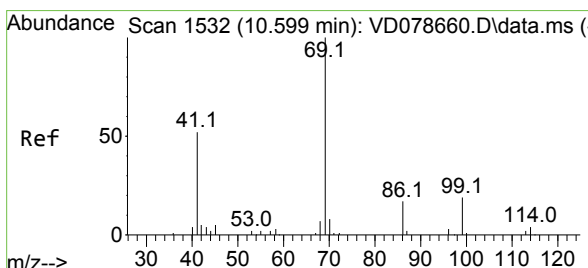
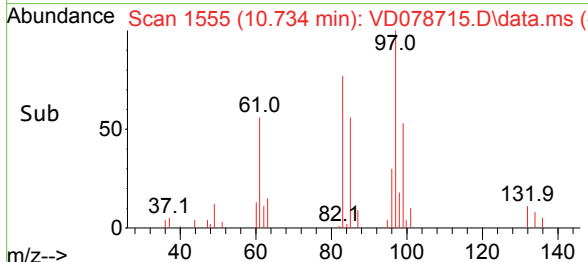
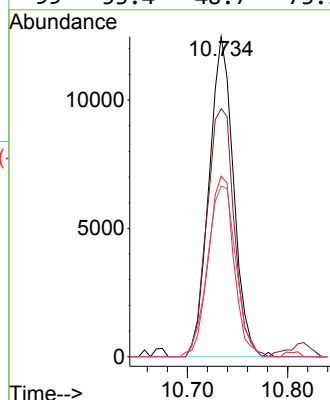
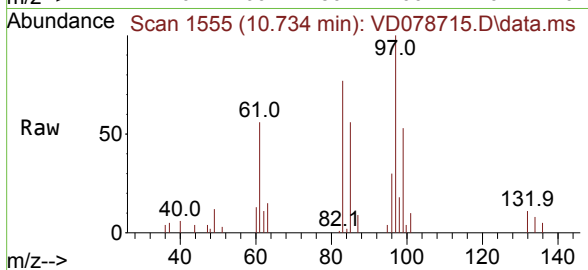




#55
 1,1,2-Trichloroethane
 Concen: 19.667 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

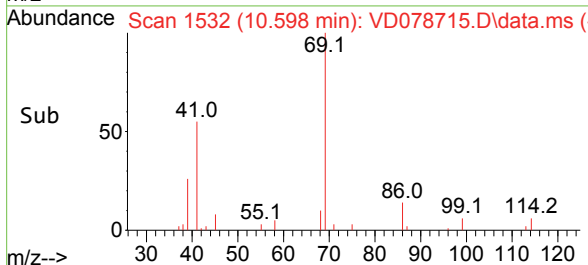
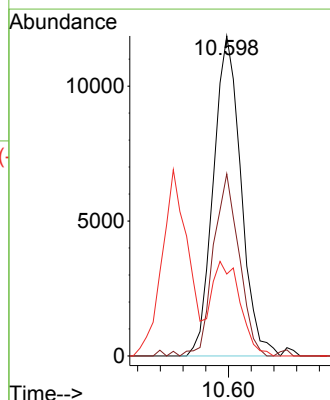
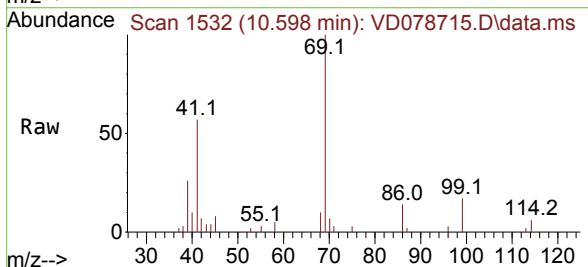
Instrument :
 MSVOA_D
 ClientSampleId :

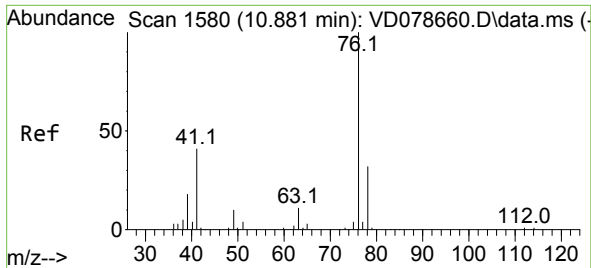
Tgt Ion: 97	Resp: 21157
Ion Ratio	Lower Upper
97 100	
83 77.5	68.1 102.1
85 56.4	48.2 72.2
99 53.4	48.7 73.1



#56
 Ethyl methacrylate
 Concen: 18.525 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Tgt Ion: 69	Resp: 19977
Ion Ratio	Lower Upper
69 100	
41 53.2	40.9 61.3
39 31.5	25.5 38.3

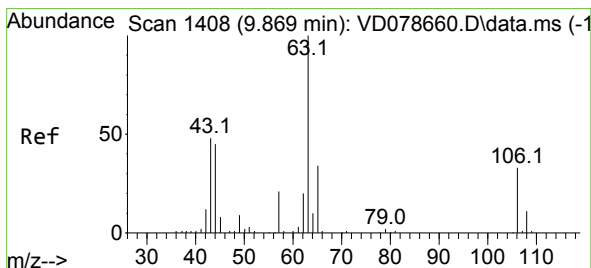
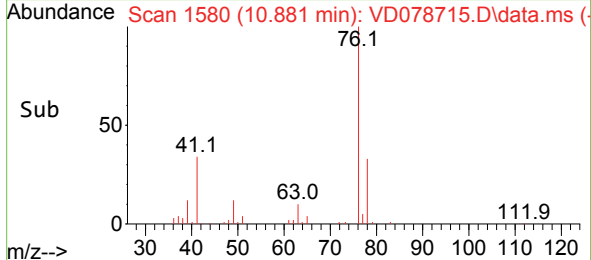
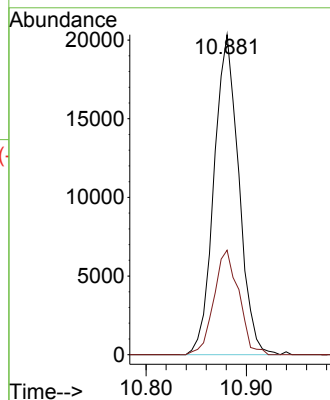
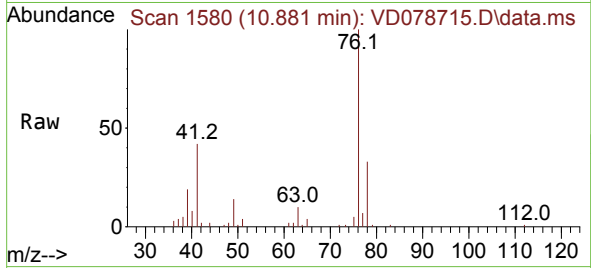




#57
1,3-Dichloropropane
Concen: 20.094 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

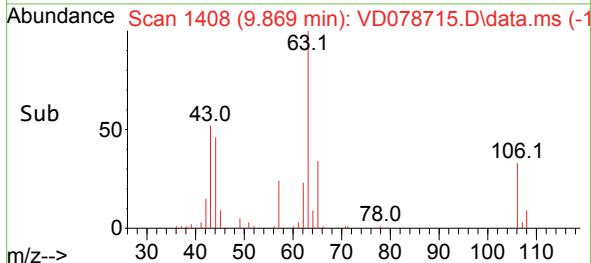
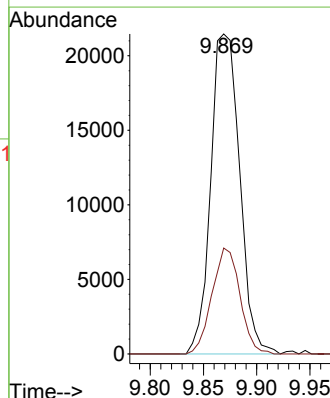
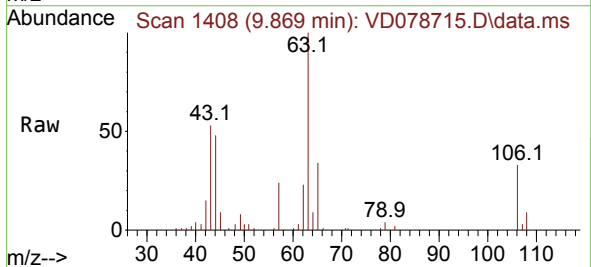
Instrument :
MSVOA_D
ClientSampleId :

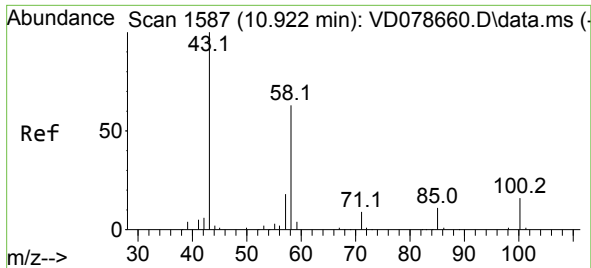
Tgt Ion: 76 Resp: 34879
Ion Ratio Lower Upper
76 100
78 32.9 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 85.205 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

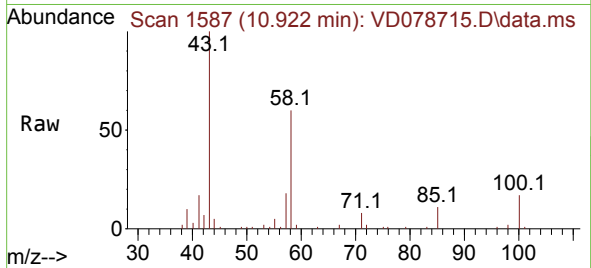
Tgt Ion: 63 Resp: 40516
Ion Ratio Lower Upper
63 100
106 32.0 25.2 37.8



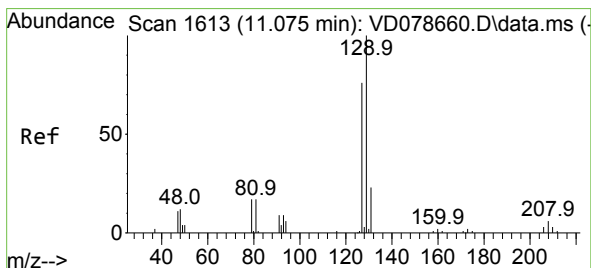
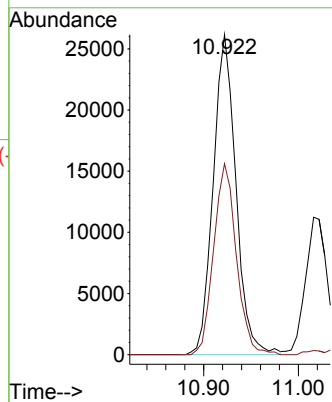
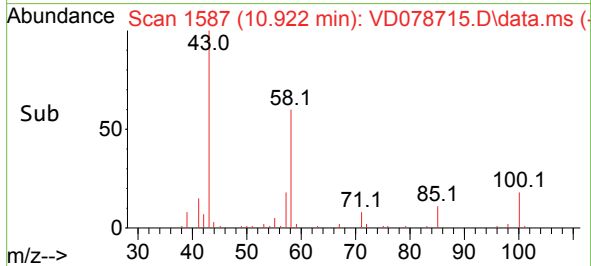


#59
2-Hexanone
Concen: 101.228 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :

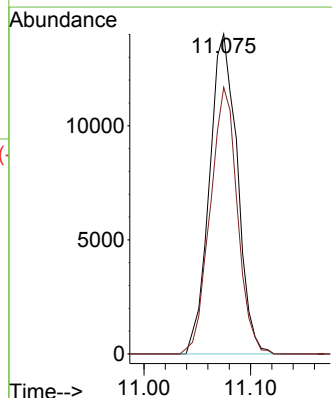
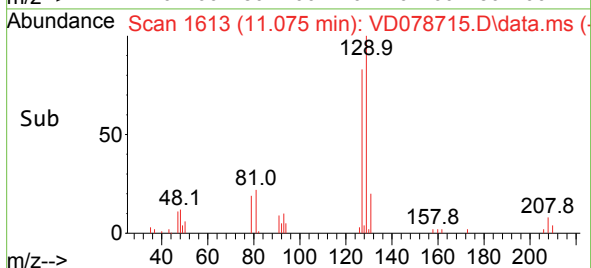
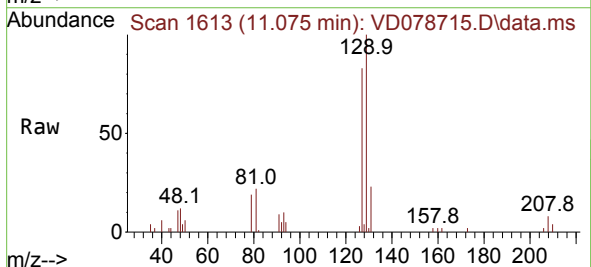


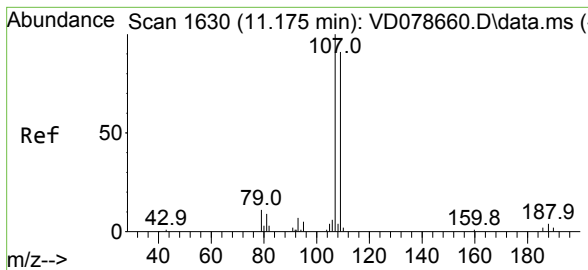
Tgt Ion: 43 Resp: 43557
Ion Ratio Lower Upper
43 100
58 59.8 31.5 94.5



#60
Dibromochloromethane
Concen: 19.148 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion:129 Resp: 25402
Ion Ratio Lower Upper
129 100
127 81.4 38.8 116.3

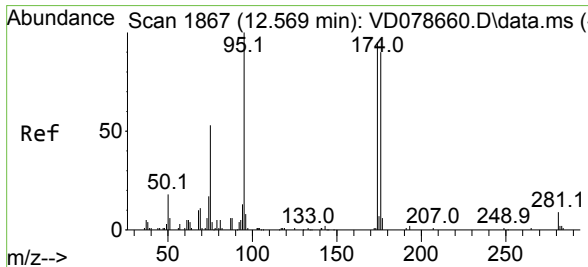
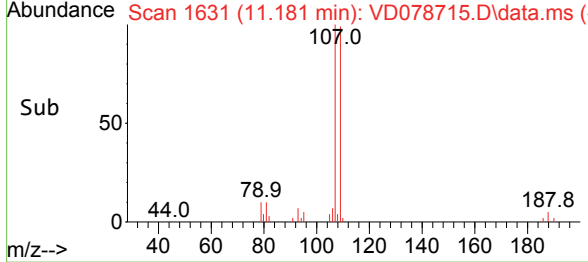
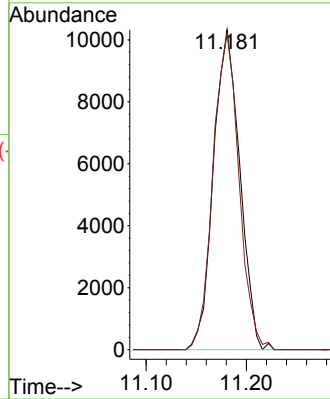
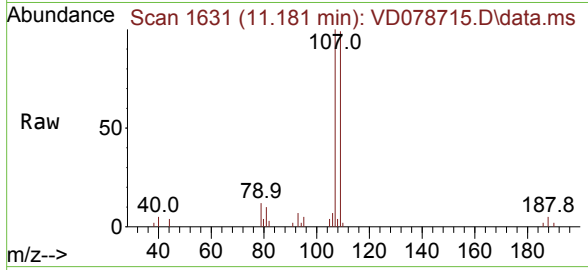




#61
1,2-Dibromoethane
Concen: 18.105 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

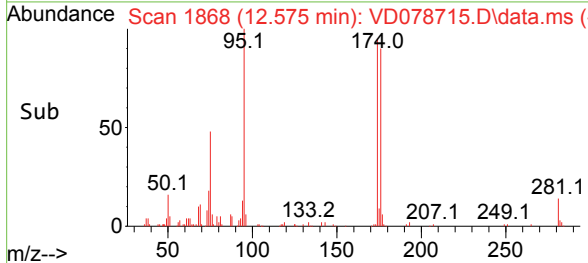
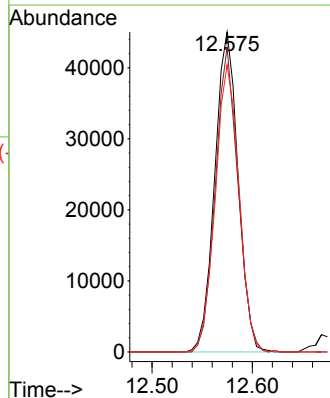
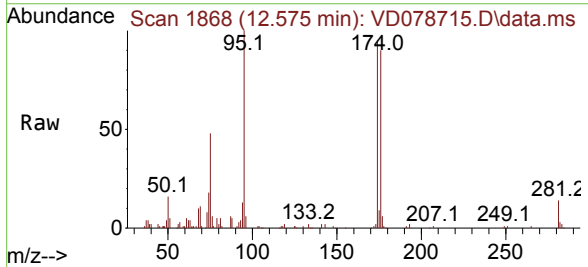
Instrument :
MSVOA_D
ClientSampleId :

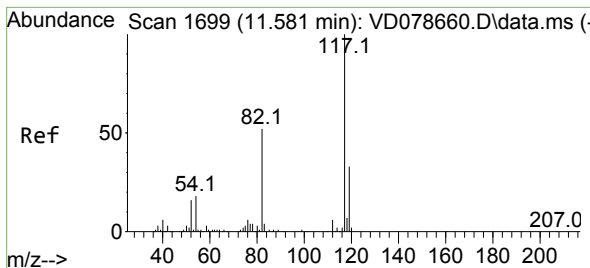
Tgt Ion:107 Resp: 18848
Ion Ratio Lower Upper
107 100
109 97.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.432 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 95 Resp: 72659
Ion Ratio Lower Upper
95 100
174 92.3 0.0 195.2
176 91.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

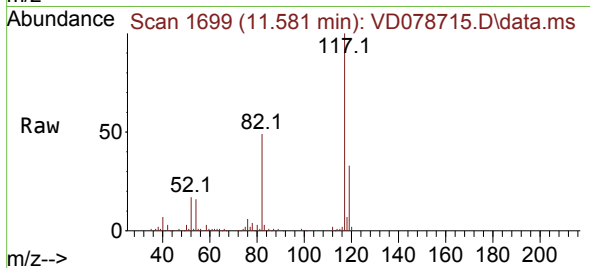
Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :



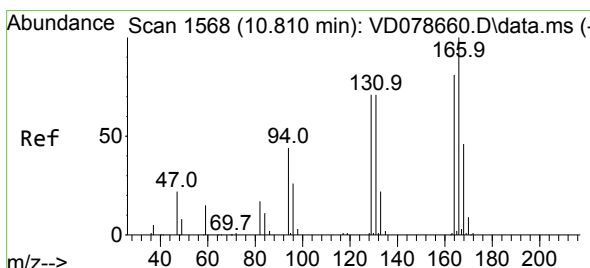
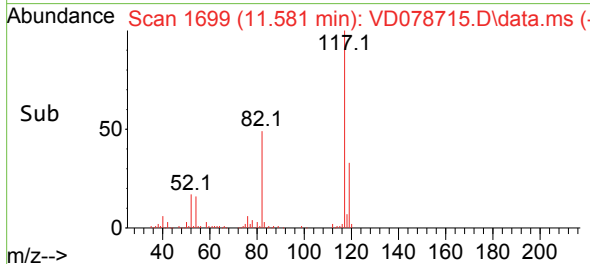
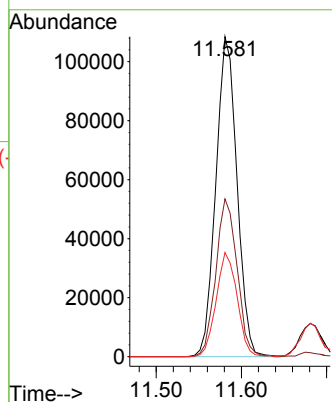
Tgt Ion:117 Resp: 186964

Ion Ratio Lower Upper

117 100

82 49.3 41.4 62.2

119 32.6 26.5 39.7



#64

Tetrachloroethene

Concen: 19.496 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Tgt Ion:164 Resp: 24121

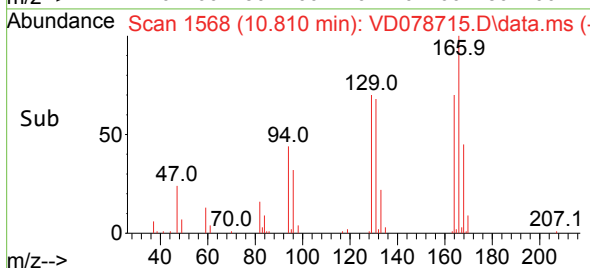
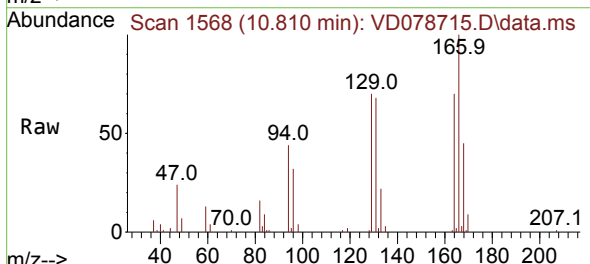
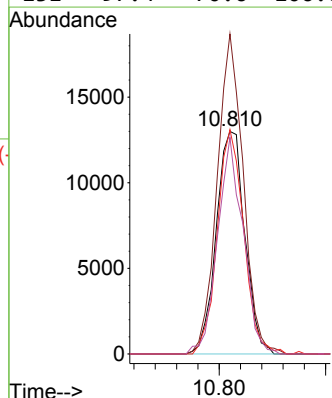
Ion Ratio Lower Upper

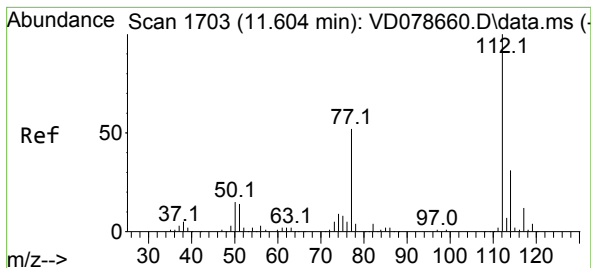
164 100

166 143.8 98.9 148.3

129 100.8 70.3 105.5

131 97.4 70.6 106.0





#65

Chlorobenzene

Concen: 19.750 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

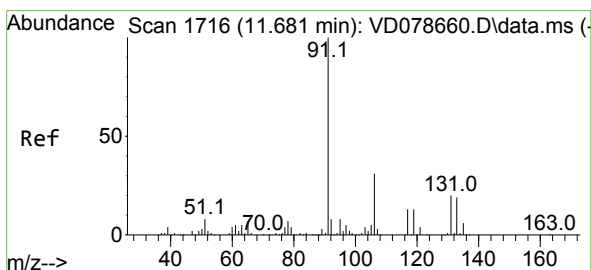
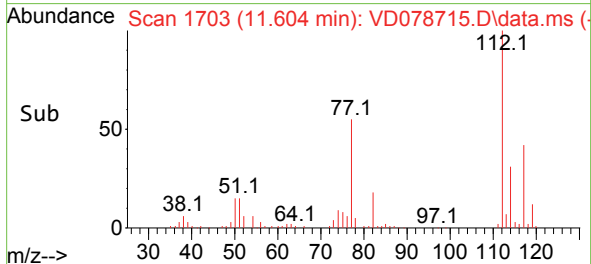
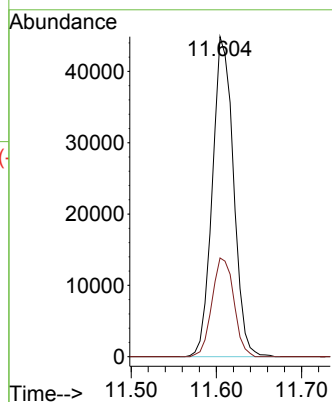
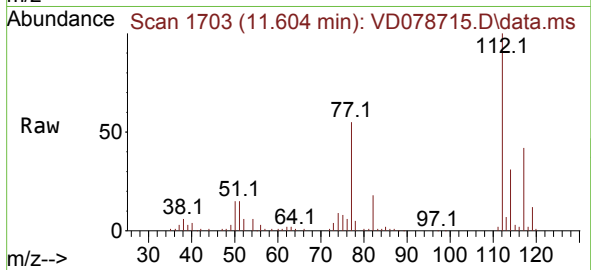
ClientSampleId :

Tgt Ion:112 Resp: 77163

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.250 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

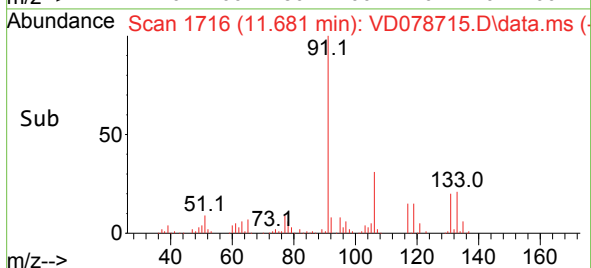
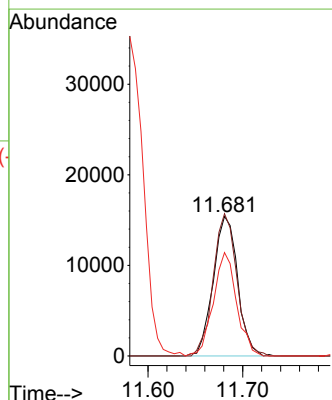
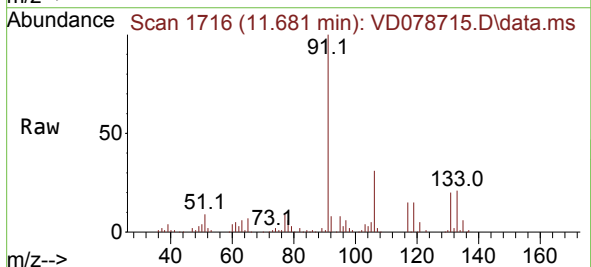
Tgt Ion:131 Resp: 27543

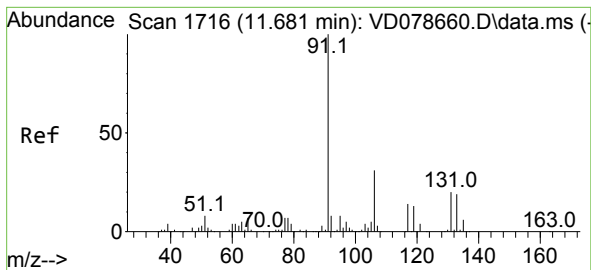
Ion Ratio Lower Upper

131 100

133 99.1 47.6 142.9

119 70.8 34.1 102.3





#67

Ethyl Benzene

Concen: 19.252 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

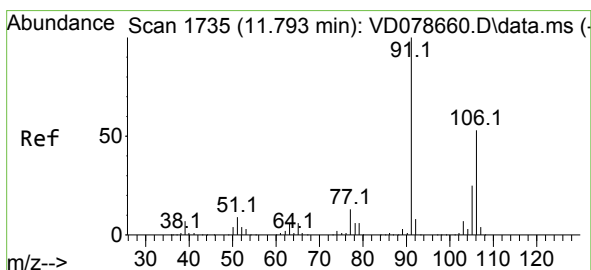
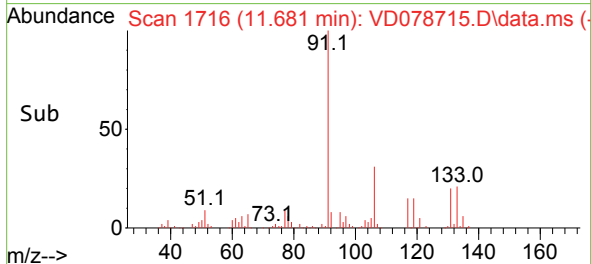
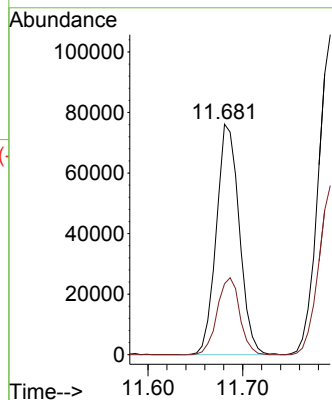
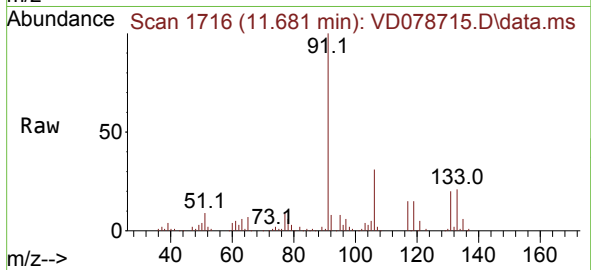
ClientSampleId :

Tgt Ion: 91 Resp: 128173

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 38.714 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078715.D

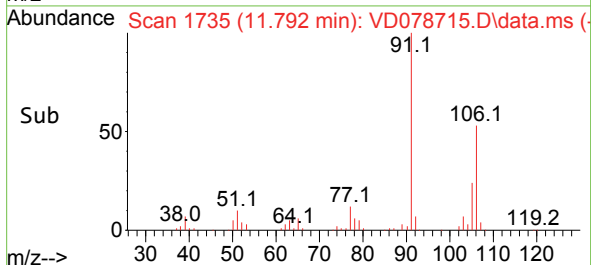
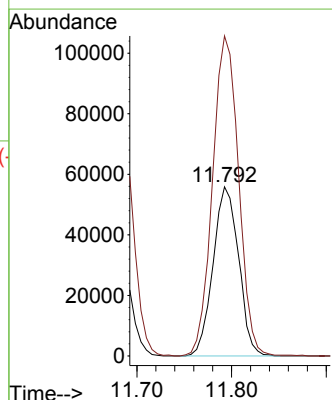
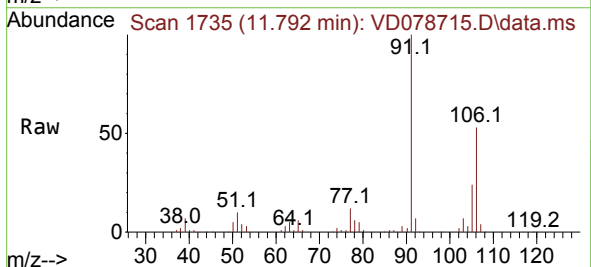
Acq: 20 Mar 2024 11:59

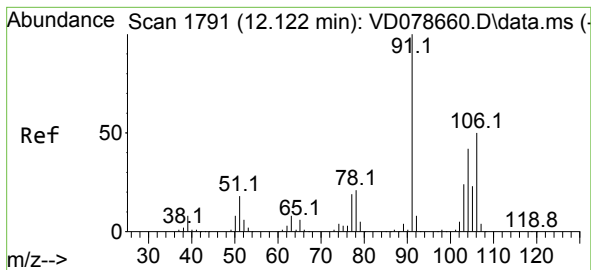
Tgt Ion: 106 Resp: 104663

Ion Ratio Lower Upper

106 100

91 193.5 154.4 231.6





#69

o-Xylene

Concen: 18.596 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

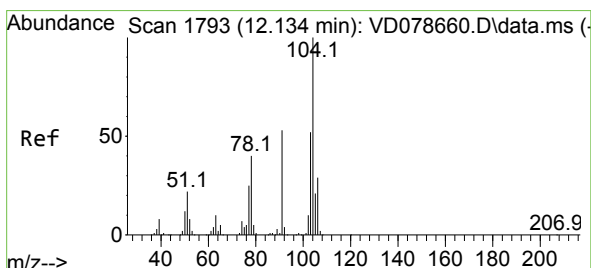
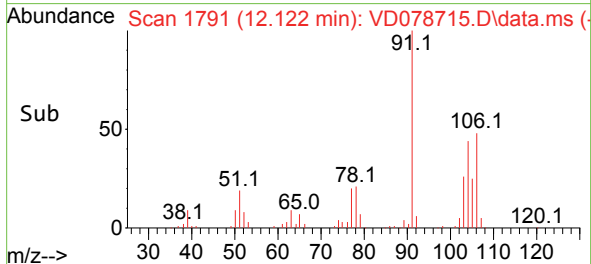
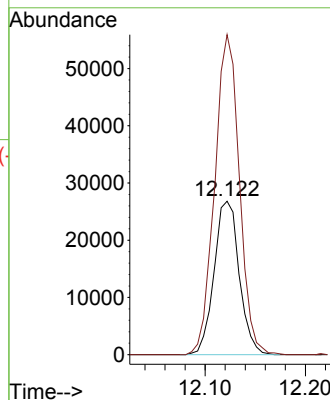
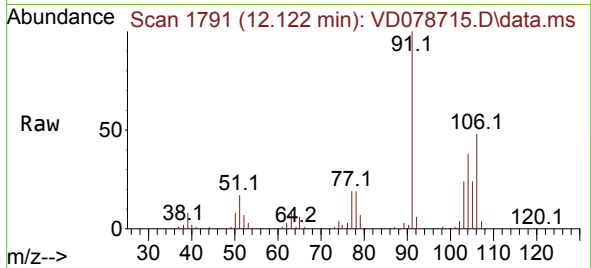
ClientSampleId :

Tgt Ion:106 Resp: 46516

Ion Ratio Lower Upper

106 100

91 205.3 99.6 298.7



#70

Styrene

Concen: 19.499 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

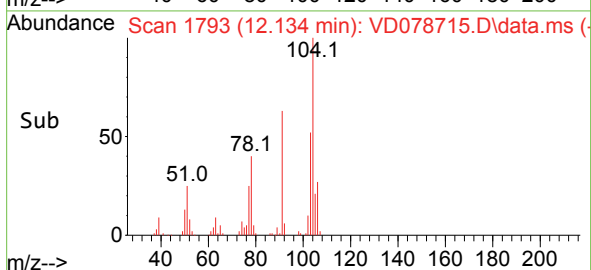
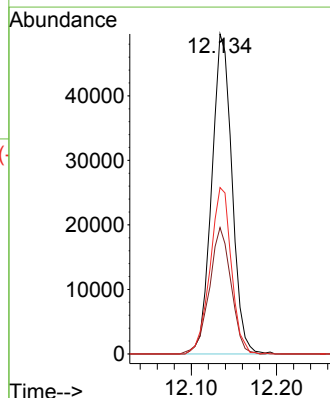
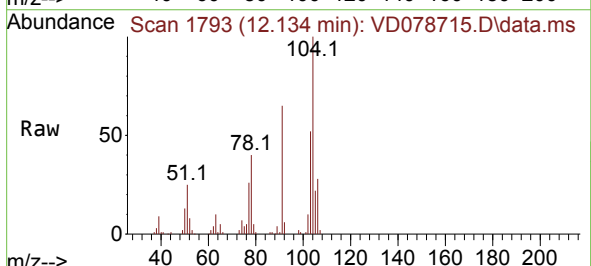
Tgt Ion:104 Resp: 81863

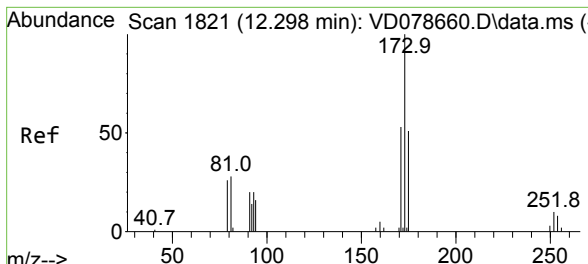
Ion Ratio Lower Upper

104 100

78 42.3 34.6 52.0

103 54.5 44.2 66.2

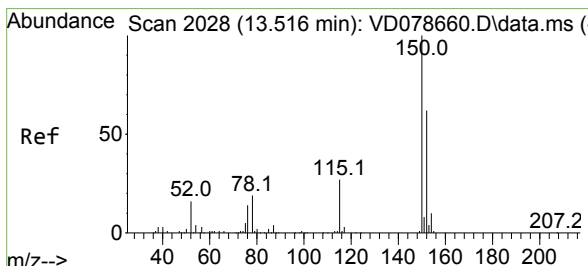
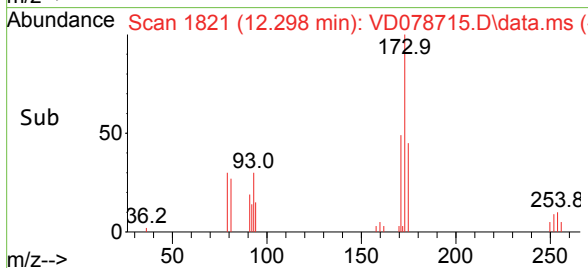
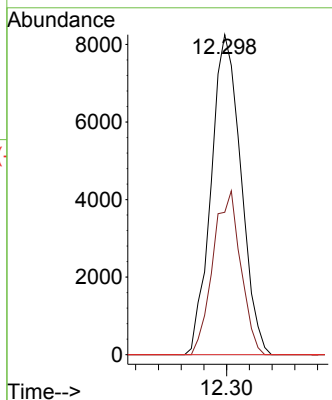
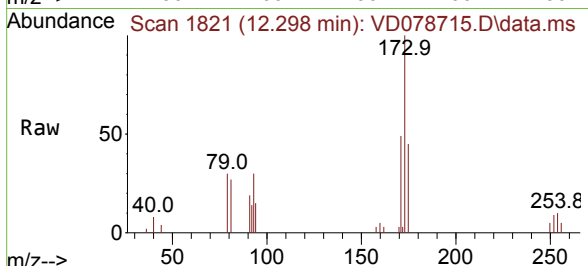




#71
 Bromoform
 Concen: 19.471 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

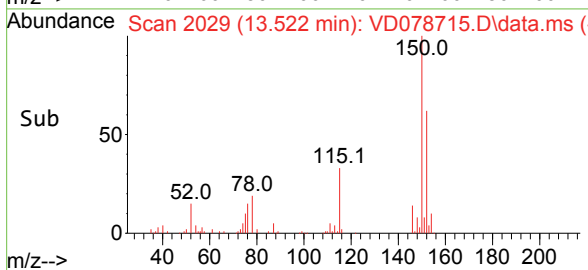
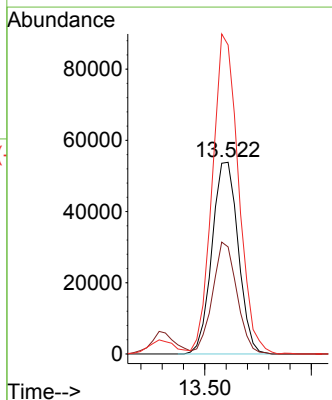
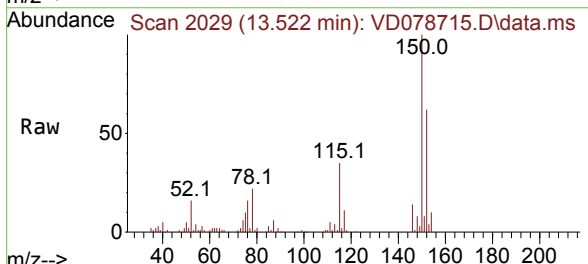
Instrument :
 MSVOA_D
 ClientSampleId :

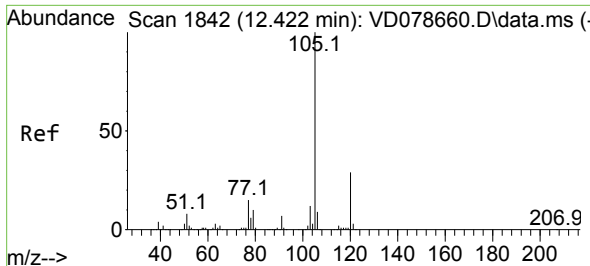
Tgt Ion:	173	Resp:	15056
Ion Ratio	Lower	Upper	
173	100		
175	47.5	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.006 min
 Lab File: VD078715.D
 Acq: 20 Mar 2024 11:59

Tgt Ion:	152	Resp:	91941
Ion Ratio	Lower	Upper	
152	100		
115	54.5	27.1	81.2
150	166.2	0.0	350.2

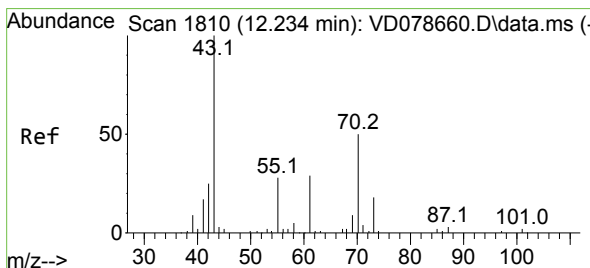
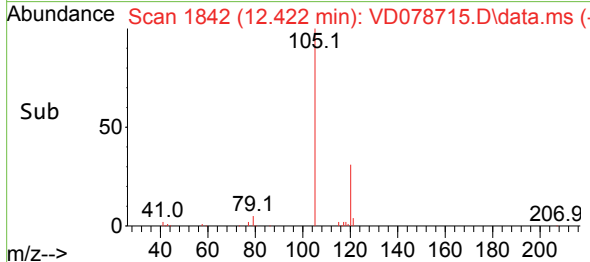
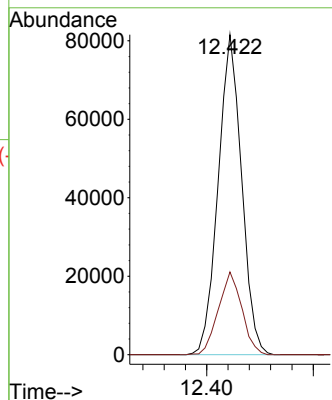
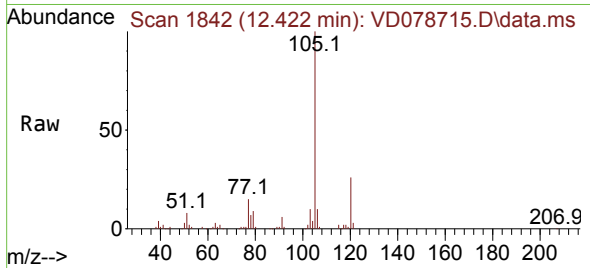




#73
Isopropylbenzene
Concen: 20.536 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

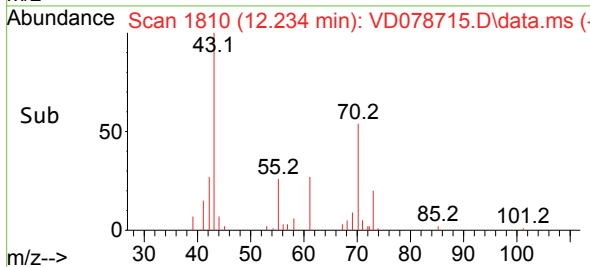
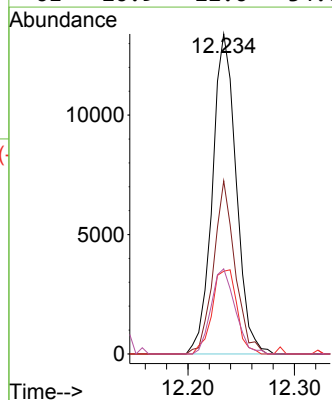
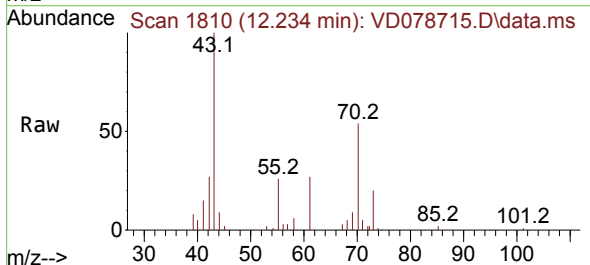
Instrument :
MSVOA_D
ClientSampleId :

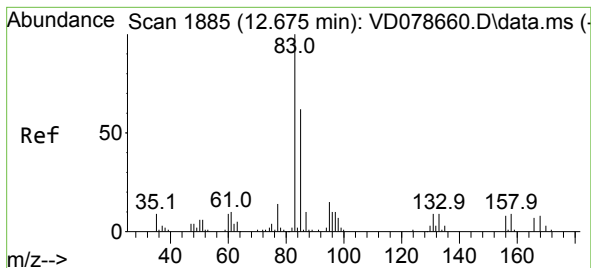
Tgt Ion:105 Resp: 124314
Ion Ratio Lower Upper
105 100
120 25.9 13.7 41.0



#74
N-ethyl acetate
Concen: 21.124 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 43 Resp: 20761
Ion Ratio Lower Upper
43 100
70 48.7 42.1 63.1
55 27.3 22.6 33.8
61 26.9 22.6 34.0

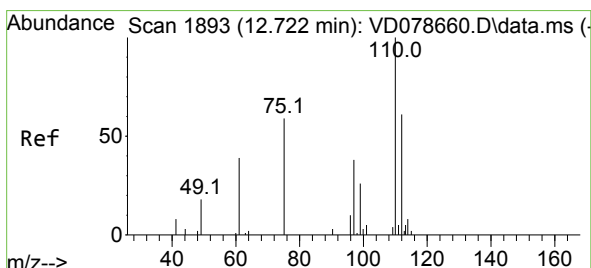
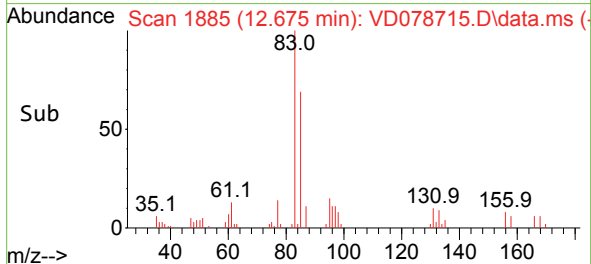
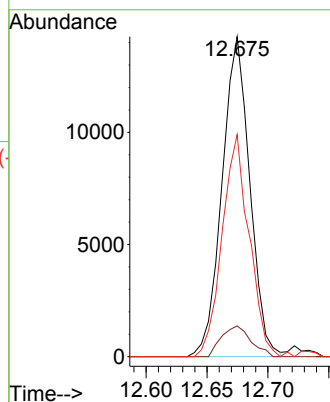
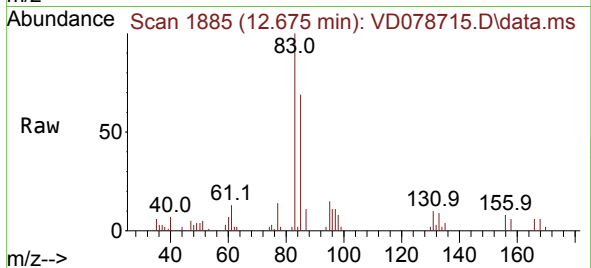




#75
1,1,2,2-Tetrachloroethane
Concen: 20.145 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

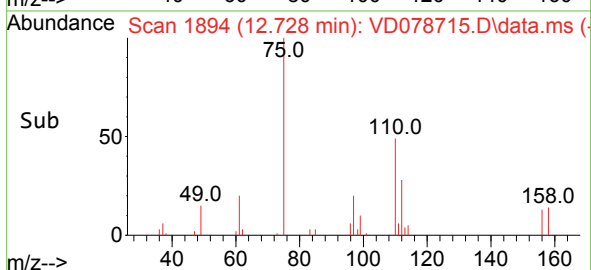
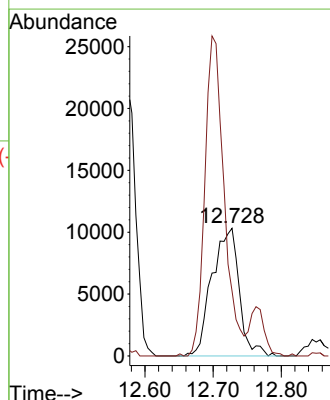
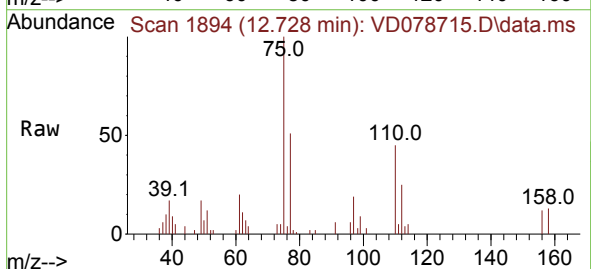
Instrument :
MSVOA_D
ClientSampleId :

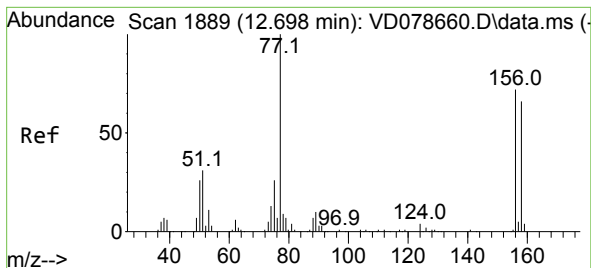
Tgt Ion:	83	Resp:	22575
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	67.5	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 40.487 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion:	75	Resp:	28679
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.830 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

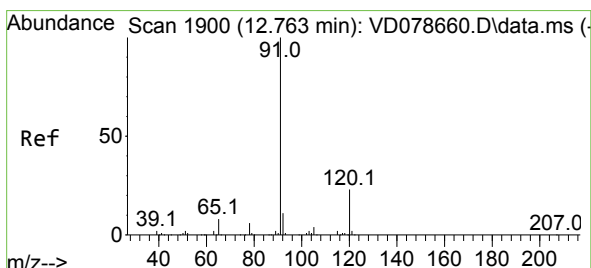
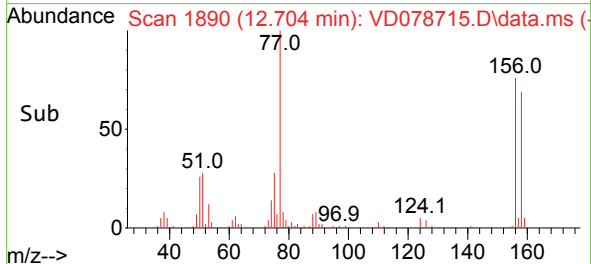
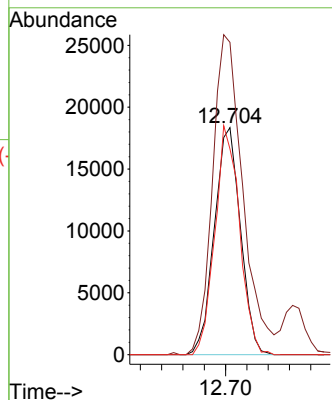
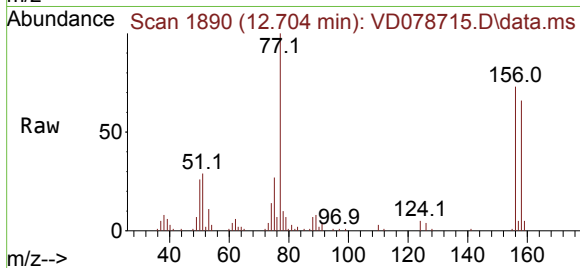
Tgt Ion:156 Resp: 31270

Ion Ratio Lower Upper

156 100

77 163.2 79.1 237.3

158 95.1 47.0 141.0



#78

n-propylbenzene

Concen: 21.240 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078715.D

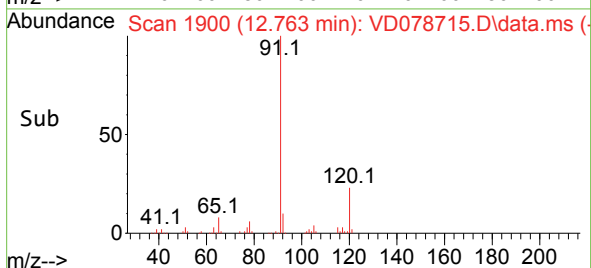
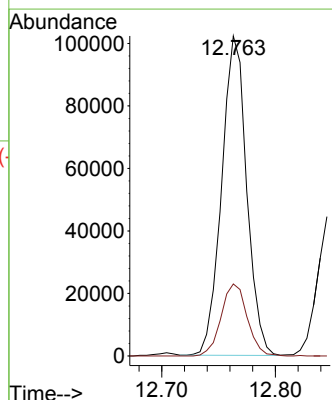
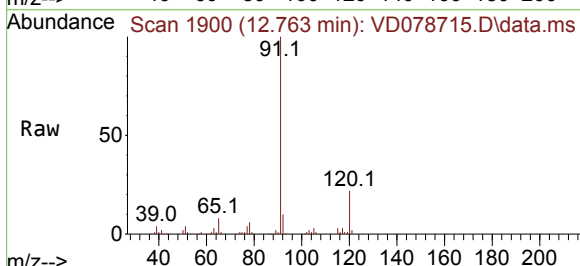
Acq: 20 Mar 2024 11:59

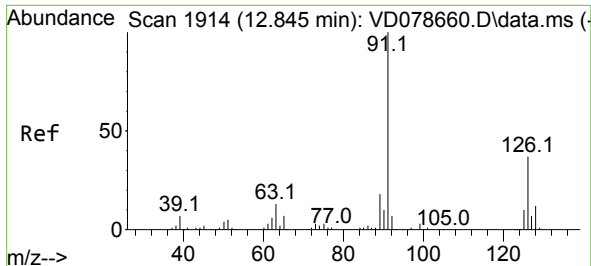
Tgt Ion: 91 Resp: 156505

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.1

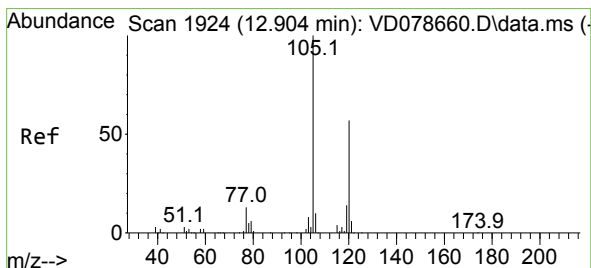
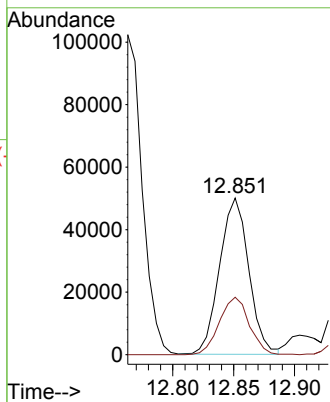
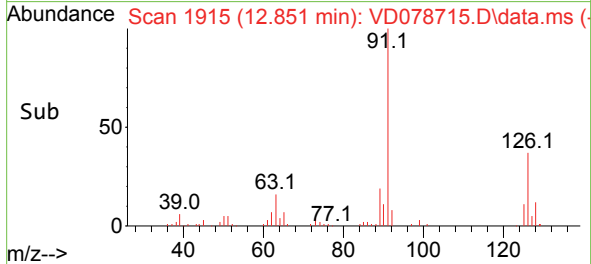
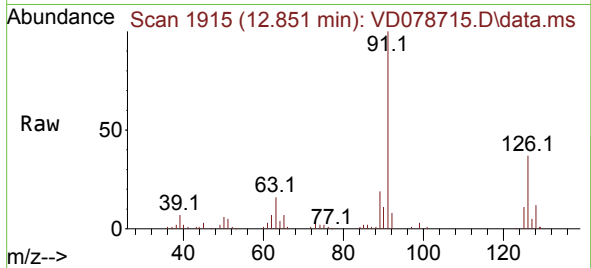




#79
2-Chlorotoluene
Concen: 20.688 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

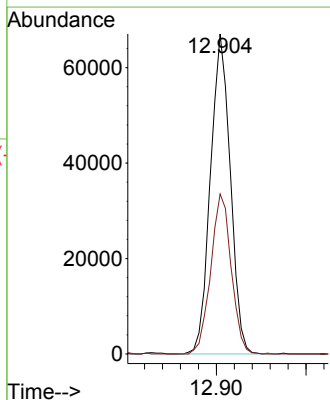
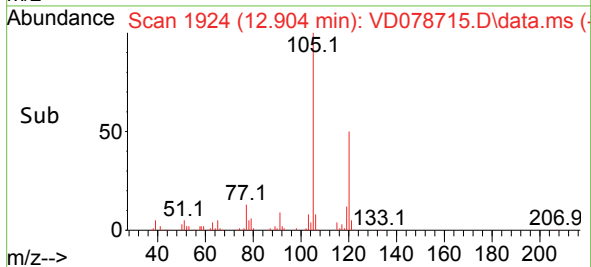
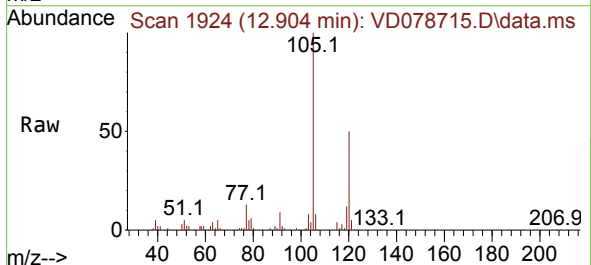
Instrument :
MSVOA_D
ClientSampleId :

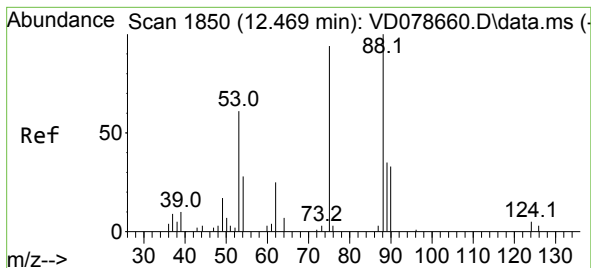
Tgt Ion: 91 Resp: 83627
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.576 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 105 Resp: 103001
Ion Ratio Lower Upper
105 100
120 51.4 25.9 77.7

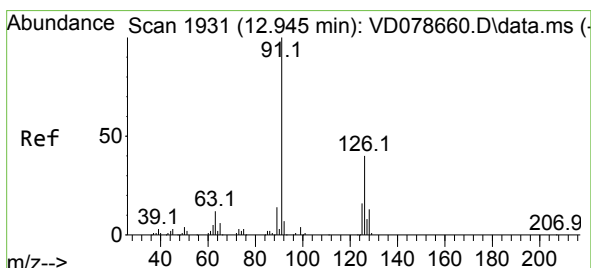
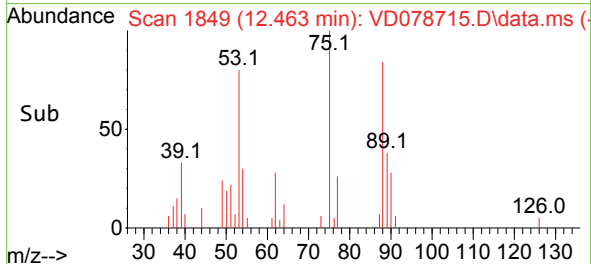
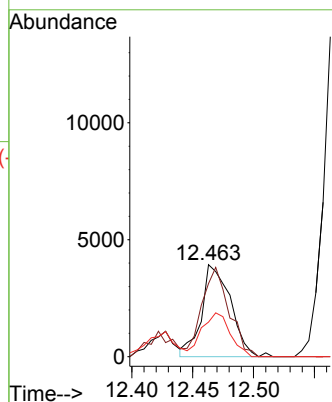
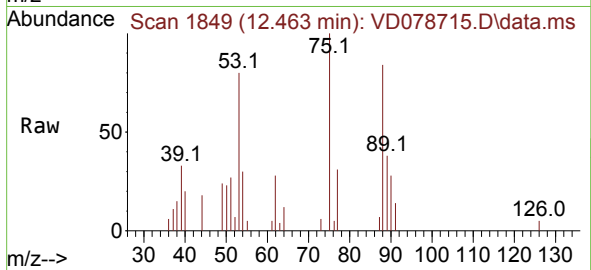




#81
trans-1,4-Dichloro-2-butene
Concen: 19.300 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

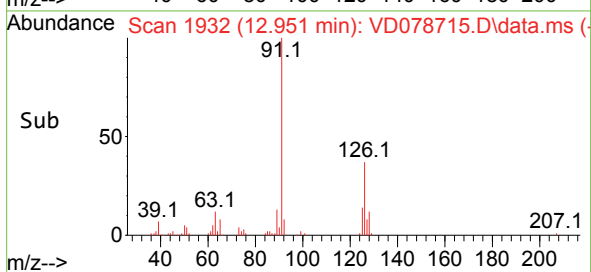
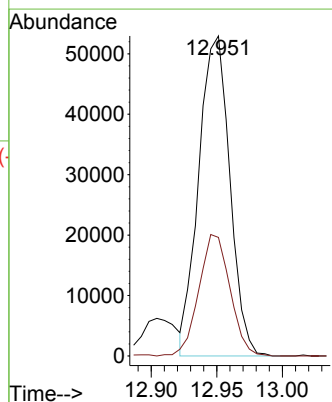
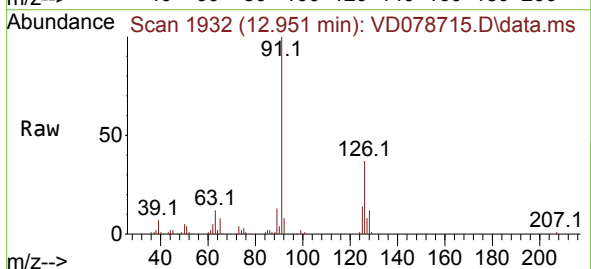
Instrument :
MSVOA_D
ClientSampleId :

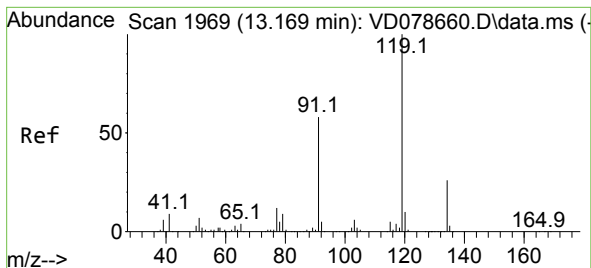
Tgt Ion: 75 Resp: 6522
Ion Ratio Lower Upper
75 100
53 92.0 61.0 91.6#
89 46.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.442 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 91 Resp: 87401
Ion Ratio Lower Upper
91 100
126 38.1 18.9 56.5





#83

tert-Butylbenzene

Concen: 20.519 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078715.D

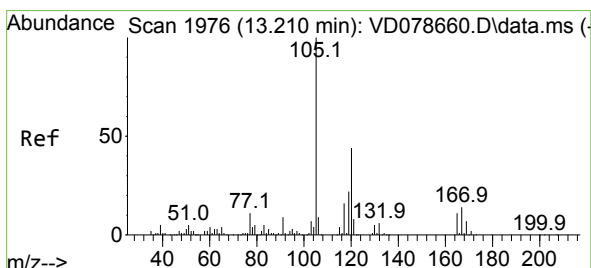
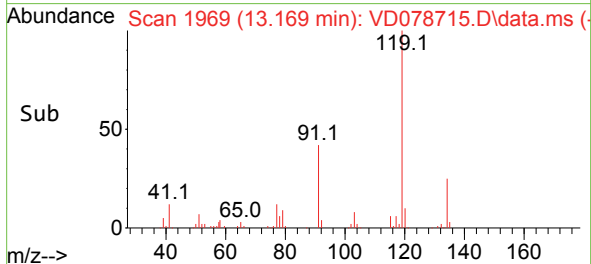
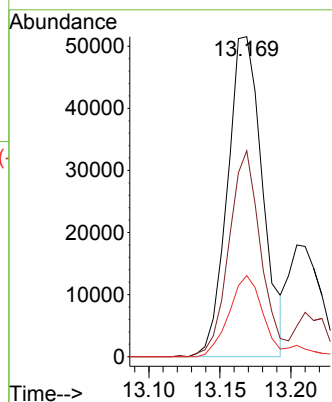
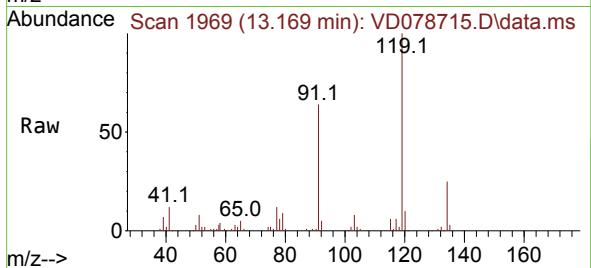
Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:119	Resp:	88565
Ion Ratio	Lower	Upper
119	100	
91	59.0	28.9 86.7
134	24.6	13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.153 ug/l

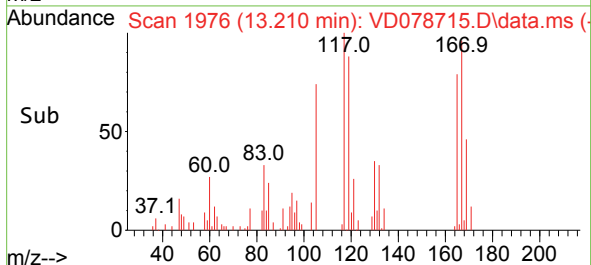
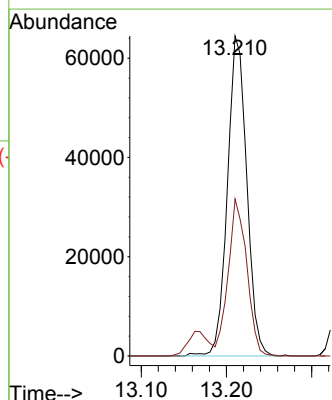
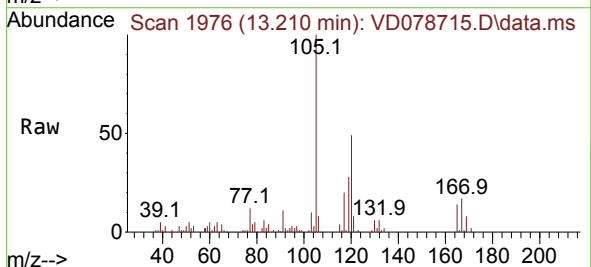
RT: 13.210 min Scan# 1976

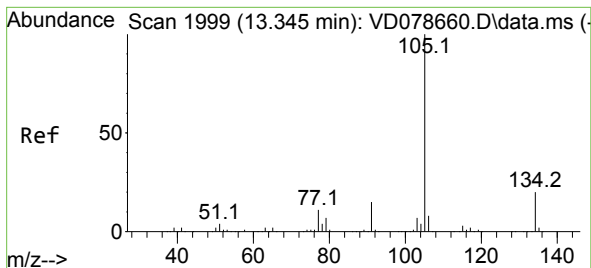
Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Tgt Ion:105	Resp:	101666
Ion Ratio	Lower	Upper
105	100	
120	47.2	23.1 69.2





#85

sec-Butylbenzene

Concen: 21.136 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

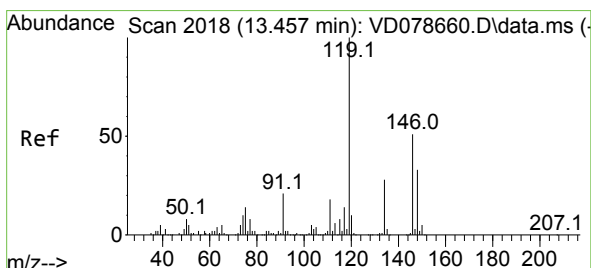
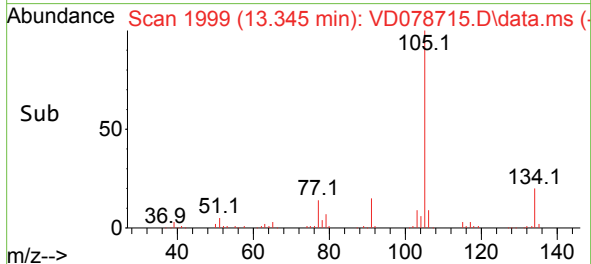
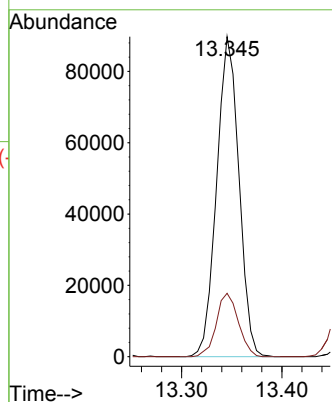
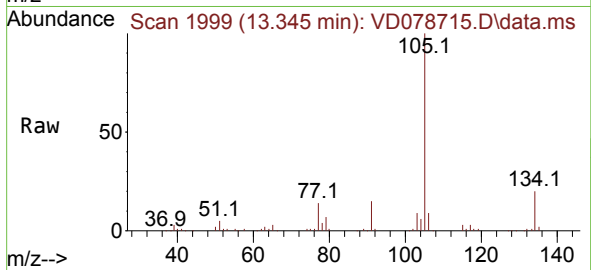
ClientSampleId :

Tgt Ion:105 Resp: 138062

Ion Ratio Lower Upper

105 100

134 19.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 21.014 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

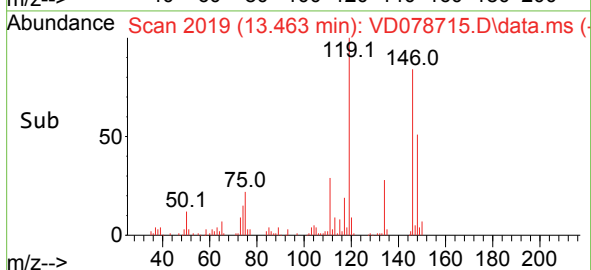
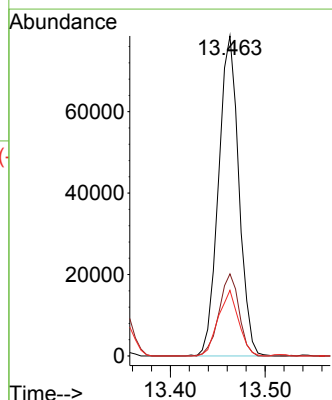
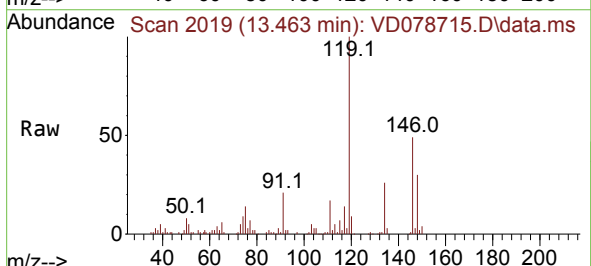
Tgt Ion:119 Resp: 117509

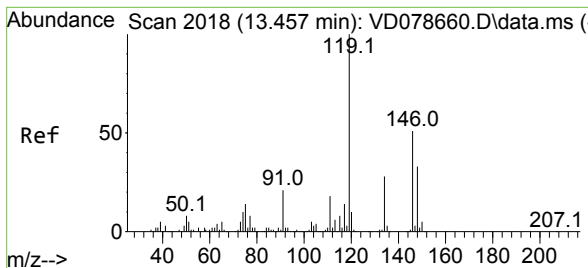
Ion Ratio Lower Upper

119 100

134 25.3 13.5 40.5

91 20.6 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 20.565 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

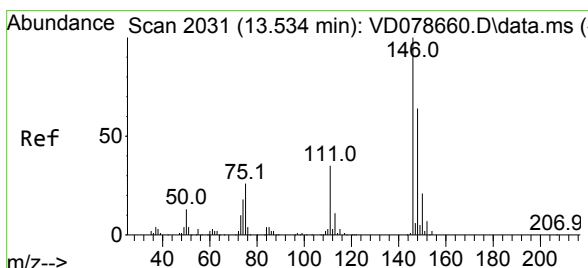
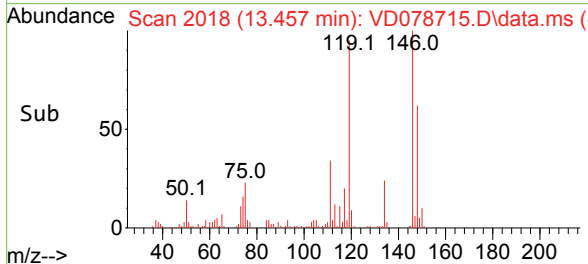
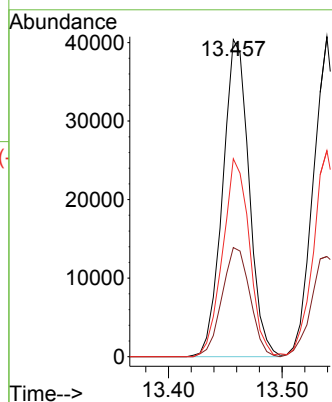
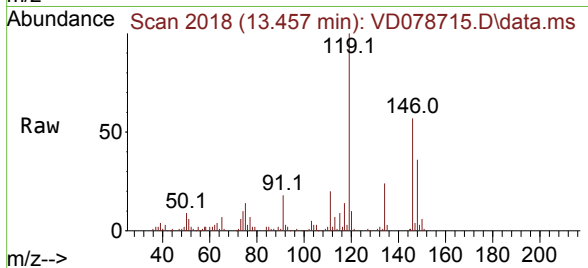
Tgt Ion:146 Resp: 65149

Ion Ratio Lower Upper

146 100

111 36.4 18.2 54.6

148 63.5 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.457 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

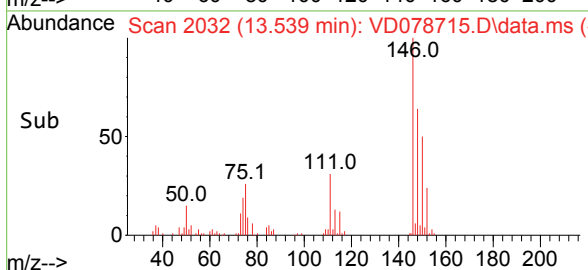
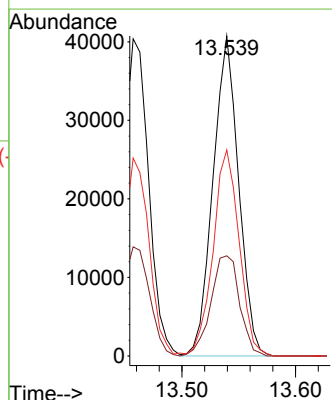
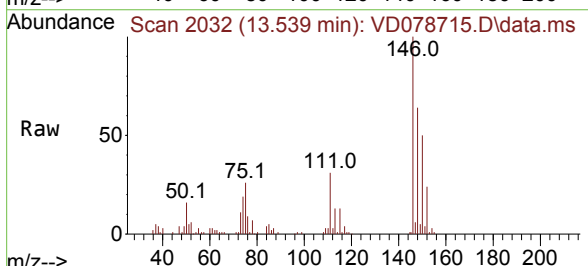
Tgt Ion:146 Resp: 63869

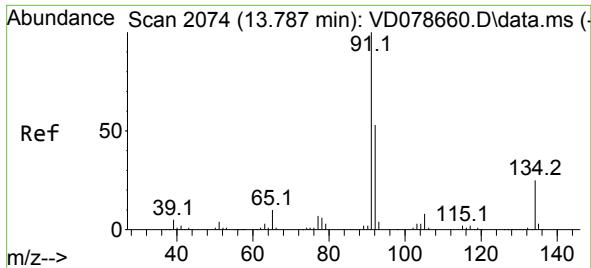
Ion Ratio Lower Upper

146 100

111 35.1 17.8 53.3

148 65.3 32.4 97.0

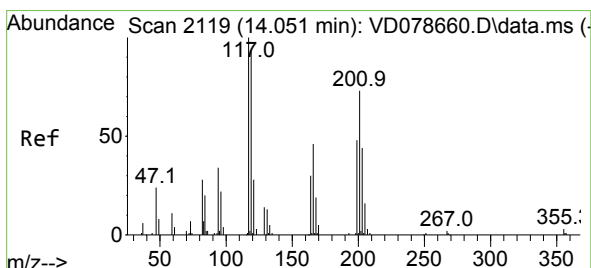
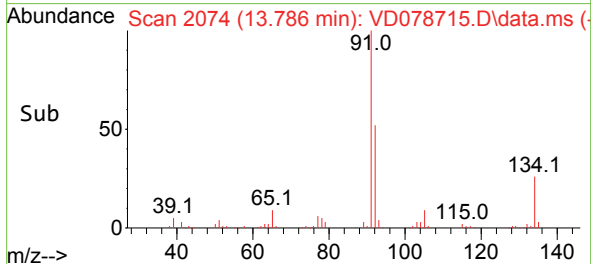
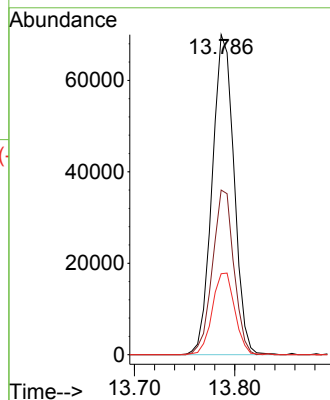
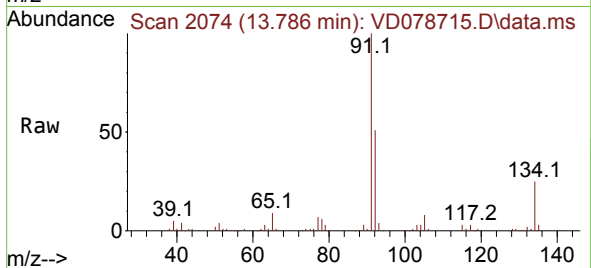




#89
n-Butylbenzene
Concen: 20.953 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

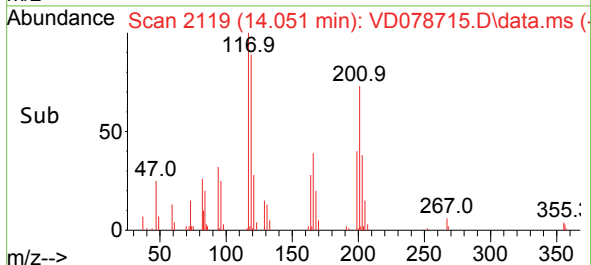
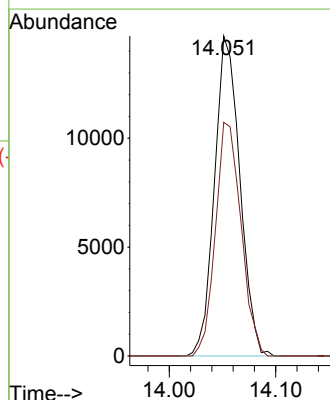
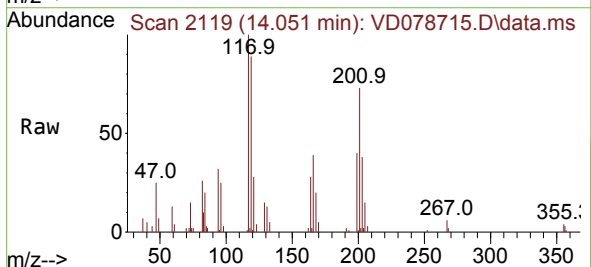
Instrument :
MSVOA_D
ClientSampleId :

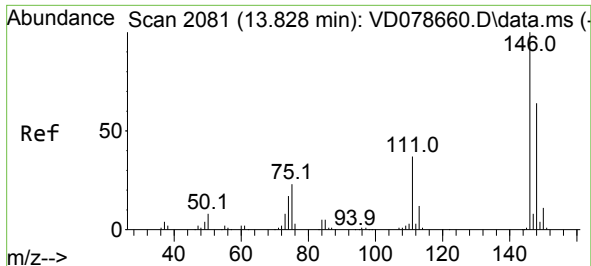
Tgt Ion: 91 Resp: 105813
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 21.012 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078715.D
Acq: 20 Mar 2024 11:59

Tgt Ion: 117 Resp: 24312
Ion Ratio Lower Upper
117 100
201 73.7 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 20.382 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

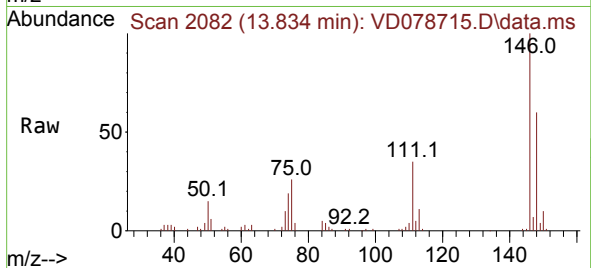
Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :



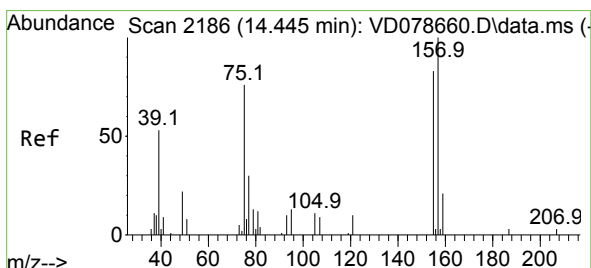
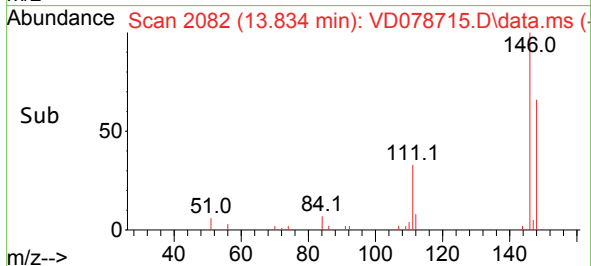
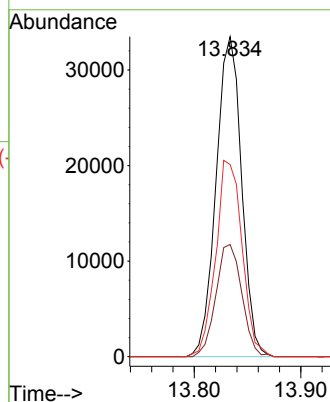
Tgt Ion:146 Resp: 55611

Ion Ratio Lower Upper

146 100

111 35.7 18.6 56.0

148 63.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.493 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

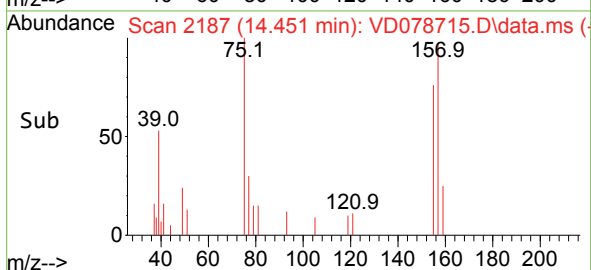
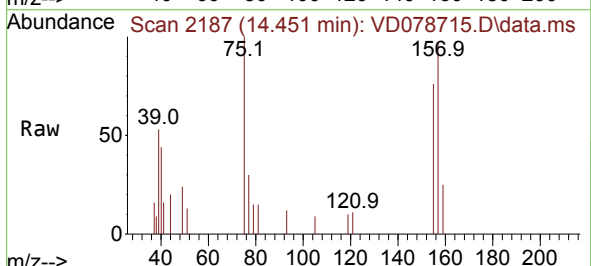
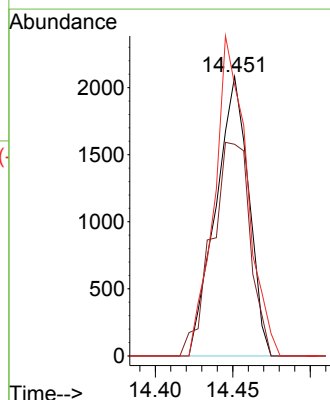
Tgt Ion: 75 Resp: 3072

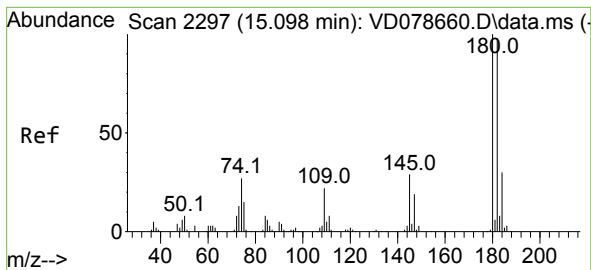
Ion Ratio Lower Upper

75 100

155 88.8 49.8 149.3

157 113.3 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 18.540 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078715.D

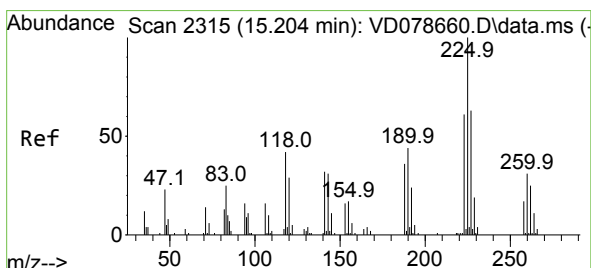
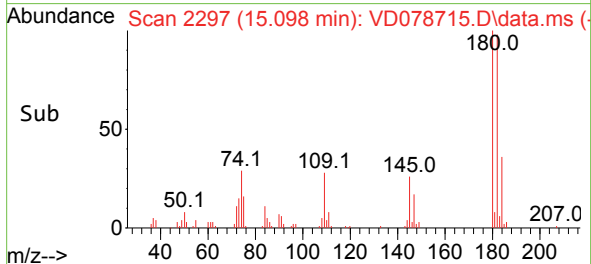
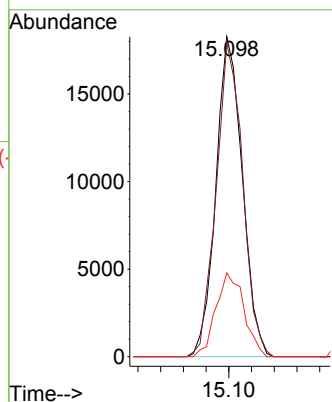
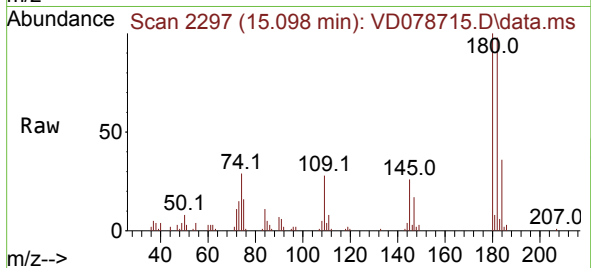
Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	29522
Ion Ratio	Lower	Upper
180	100	
182	98.7	49.7 149.1
145	27.7	14.6 44.0



#94

Hexachlorobutadiene

Concen: 20.519 ug/l

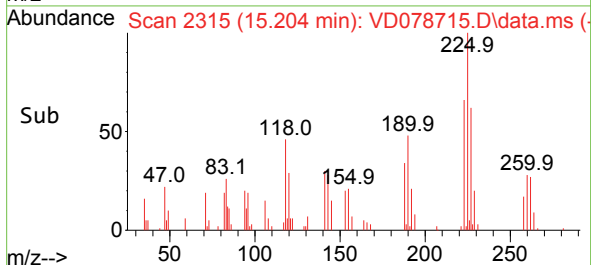
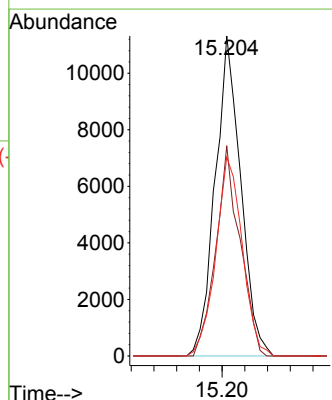
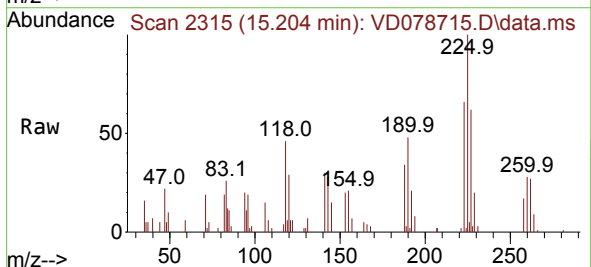
RT: 15.204 min Scan# 2315

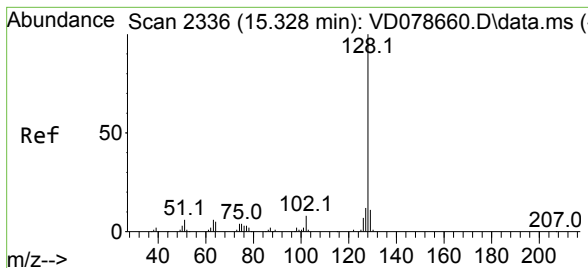
Delta R.T. -0.000 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Tgt Ion:225	Resp:	17689
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.9 95.7
227	64.4	32.0 96.0





#95

Naphthalene

Concen: 18.558 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078715.D

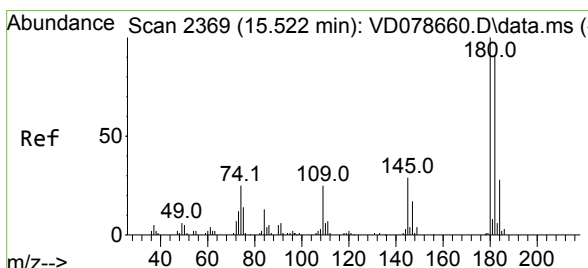
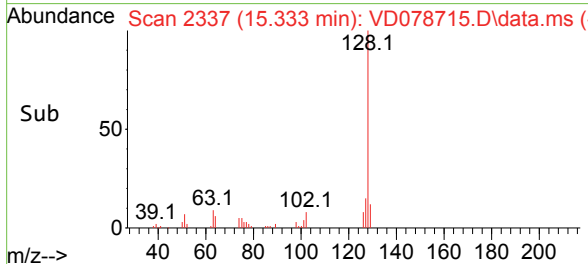
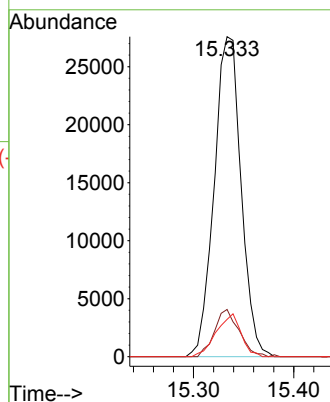
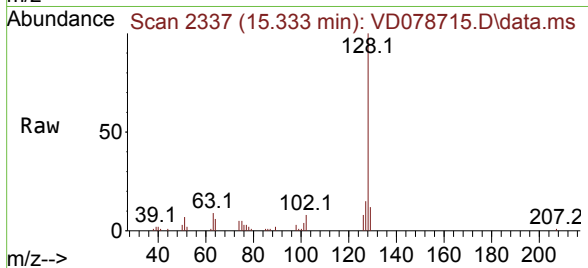
Acq: 20 Mar 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	51379
Ion Ratio	Lower	Upper
128	100	
127	14.7	9.3 13.9#
129	11.7	8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.086 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078715.D

Acq: 20 Mar 2024 11:59

Tgt Ion:180	Resp:	26292
Ion Ratio	Lower	Upper
180	100	
182	96.2	46.7 140.1
145	29.3	14.4 43.4

