

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078024.D
 Acq On : 21 Dec 2023 14:10
 Operator : RP/MD
 Sample : VD1221SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:13:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	109995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	196587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69285	53.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.920%	
35) Dibromofluoromethane	7.810	113	74621	54.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.380%	
50) Toluene-d8	10.269	98	287734	52.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.575	95	84670	51.350	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	28178	20.508	ug/l	92
3) Chloromethane	2.152	50	38230	20.412	ug/l	96
4) Vinyl Chloride	2.293	62	55082	21.664	ug/l	96
5) Bromomethane	2.693	94	43119	30.223	ug/l	95
6) Chloroethane	2.846	64	40694	23.476	ug/l	97
7) Trichlorofluoromethane	3.187	101	49423	21.106	ug/l	96
8) Diethyl Ether	3.605	74	13975	21.253	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	29596	22.093	ug/l	98
10) Methyl Iodide	4.169	142	27014	26.648	ug/l #	88
11) Tert butyl alcohol	5.046	59	4487	63.478	ug/l	99
12) 1,1-Dichloroethene	3.946	96	27922	21.118	ug/l	87
13) Acrolein	3.793	56	10130	73.884	ug/l	100
14) Allyl chloride	4.569	41	35761	19.666	ug/l	92
15) Acrylonitrile	5.257	53	30816	109.458	ug/l	95
16) Acetone	4.022	43	40193	128.100	ug/l	94
17) Carbon Disulfide	4.275	76	71230	15.924	ug/l	96
18) Methyl Acetate	4.563	43	21182	20.751	ug/l	91
19) Methyl tert-butyl Ether	5.328	73	62908	22.425	ug/l	98
20) Methylene Chloride	4.810	84	43665	26.135	ug/l	92
21) trans-1,2-Dichloroethene	5.328	96	32282	21.556	ug/l	97
22) Diisopropyl ether	6.216	45	81896	21.551	ug/l	95
23) Vinyl Acetate	6.163	43	151449	81.612	ug/l	93
24) 1,1-Dichloroethane	6.116	63	54970	21.361	ug/l	98
25) 2-Butanone	7.087	43	46172	121.897	ug/l	89
26) 2,2-Dichloropropane	7.081	77	45733	21.166	ug/l	77
27) cis-1,2-Dichloroethene	7.087	96	37280	23.135	ug/l	90
28) Bromochloromethane	7.434	49	22754	21.882	ug/l	84
29) Tetrahydrofuran	7.451	42	20360	98.645	ug/l	94
30) Chloroform	7.599	83	60616	23.535	ug/l	99
31) Cyclohexane	7.881	56	41633	18.059	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	49586	21.839	ug/l	98
36) 1,1-Dichloropropene	8.016	75	42322	19.214	ug/l	97
37) Ethyl Acetate	7.169	43	16405	19.101	ug/l #	96
38) Carbon Tetrachloride	7.998	117	44276	20.163	ug/l	94
39) Methylcyclohexane	9.281	83	46629	17.857	ug/l	93
40) Benzene	8.257	78	129661	20.741	ug/l	100

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:13:45 2023
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 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9187	21.046	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	35299	21.783	ug/l	97
43) Isopropyl Acetate	8.363	43	30481	19.965	ug/l	95
44) Trichloroethene	9.034	130	32749	20.102	ug/l	82
45) 1,2-Dichloropropane	9.304	63	32786	21.574	ug/l	99
46) Dibromomethane	9.398	93	17941	22.312	ug/l	90
47) Bromodichloromethane	9.587	83	45439	22.294	ug/l	96
48) Methyl methacrylate	9.381	41	18030	20.775	ug/l #	77
49) 1,4-Dioxane	9.375	88	3242	406.035	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	79640	102.210	ug/l	91
52) Toluene	10.334	92	80073	20.649	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	42241	21.582	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	49681	20.995	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	25404	23.097	ug/l #	90
56) Ethyl methacrylate	10.598	69	19996	20.623	ug/l	89
57) 1,3-Dichloropropane	10.881	76	41269	21.767	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	44249	80.026	ug/l	95
59) 2-Hexanone	10.922	43	64860	100.334	ug/l	92
60) Dibromochloromethane	11.075	129	31410	23.719	ug/l	96
61) 1,2-Dibromoethane	11.181	107	23330	22.533	ug/l	100
64) Tetrachloroethene	10.810	164	26107	19.606	ug/l	96
65) Chlorobenzene	11.610	112	89013	19.717	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	31613	20.983	ug/l	98
67) Ethyl Benzene	11.687	91	152081	20.162	ug/l	95
68) m/p-Xylenes	11.798	106	117453	40.709	ug/l	91
69) o-Xylene	12.122	106	53482	20.113	ug/l	90
70) Styrene	12.134	104	83035	21.001	ug/l	94
71) Bromoform	12.304	173	16929	21.505	ug/l #	100
73) Isopropylbenzene	12.422	105	145646	20.054	ug/l	97
74) N-amyl acetate	12.234	43	27342	19.152	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	28489	22.497	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	32592	39.161	ug/l #	100
77) Bromobenzene	12.698	156	35177	20.592	ug/l	93
78) n-propylbenzene	12.763	91	183962	20.787	ug/l	94
79) 2-Chlorotoluene	12.851	91	98753	20.822	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	120704	19.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	8729	21.250	ug/l	89
82) 4-Chlorotoluene	12.945	91	103618	20.898	ug/l	97
83) tert-Butylbenzene	13.169	119	104732	20.480	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	120480	19.886	ug/l	98
85) sec-Butylbenzene	13.345	105	154327	20.416	ug/l	95
86) p-Isopropyltoluene	13.463	119	136571	20.179	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	73039	20.907	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	73561	20.137	ug/l	97
89) n-Butylbenzene	13.786	91	129087	20.270	ug/l	98
90) Hexachloroethane	14.051	117	28414	22.829	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	61789	20.796	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4164	22.153	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	39811	19.617	ug/l	95
94) Hexachlorobutadiene	15.204	225	20512	18.743	ug/l	97
95) Naphthalene	15.333	128	66415	19.696	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.522	180	32984	19.714	ug/l	99

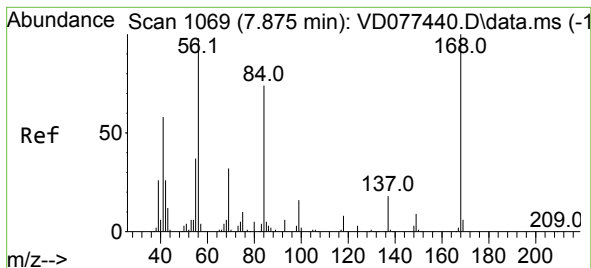
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
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Operator : RP/MD
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

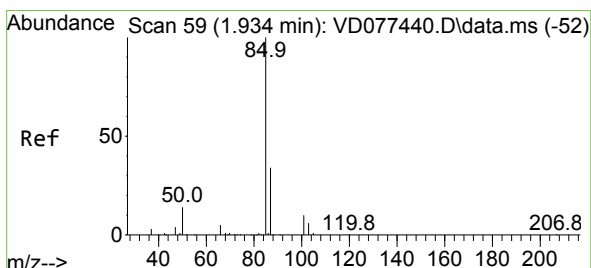
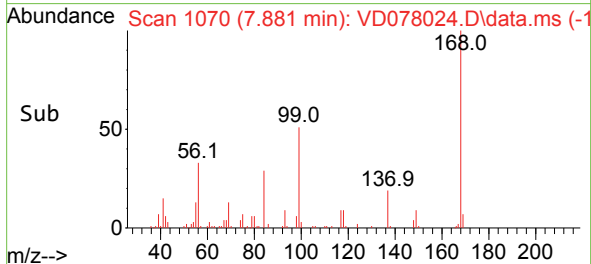
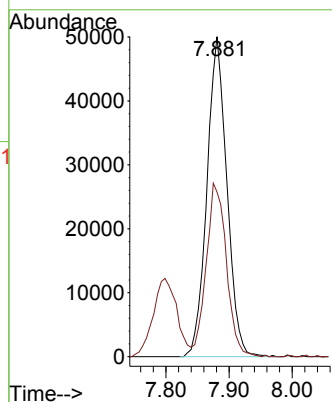
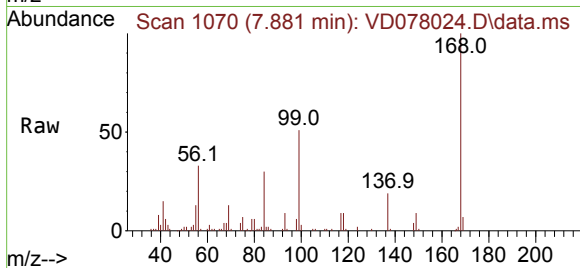
ClientSampleId :

Tgt Ion:168 Resp: 109995

Ion Ratio Lower Upper

168 100

99 51.4 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.508 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078024.D

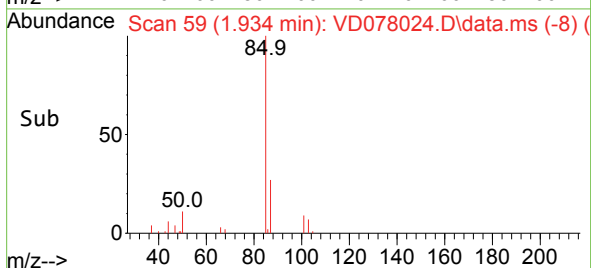
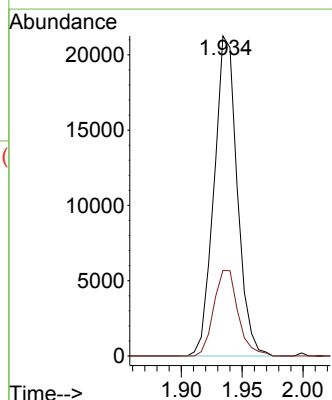
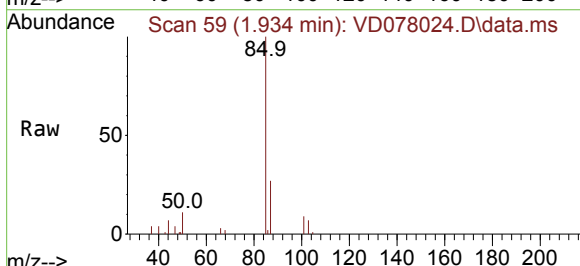
Acq: 21 Dec 2023 14:10

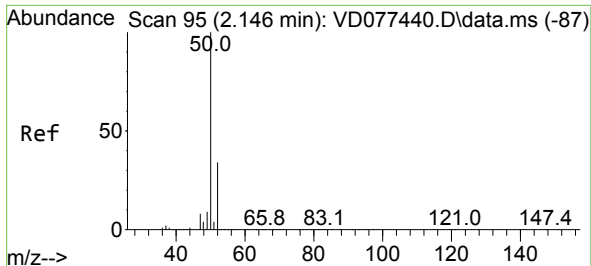
Tgt Ion: 85 Resp: 28178

Ion Ratio Lower Upper

85 100

87 26.7 15.7 47.0

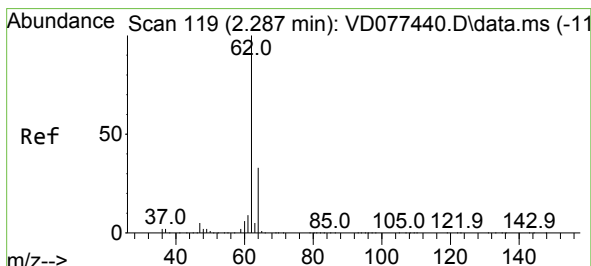
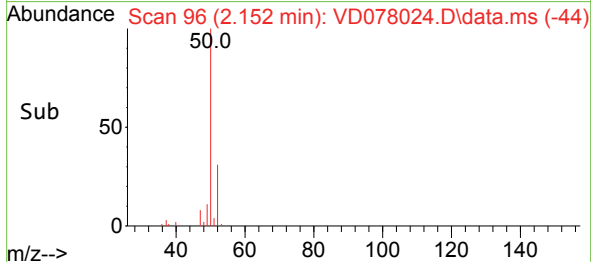
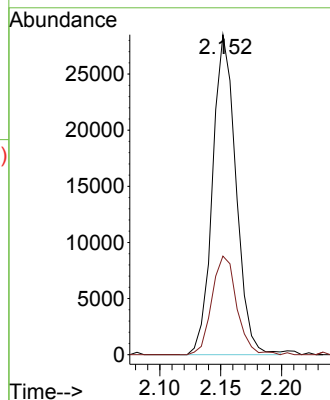
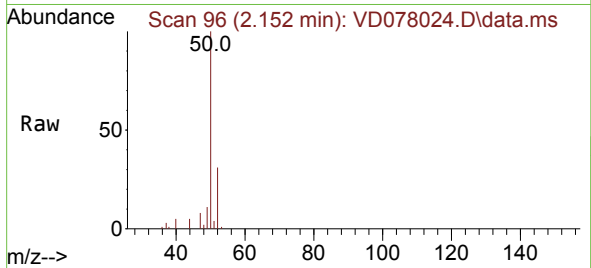




#3
Chloromethane
Concen: 20.412 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

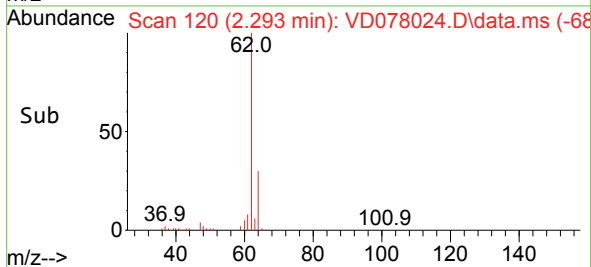
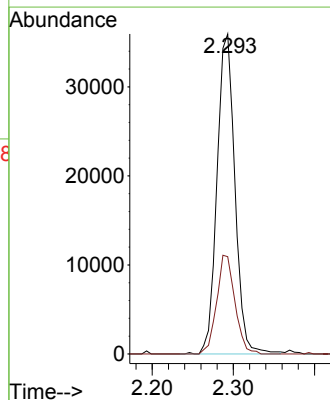
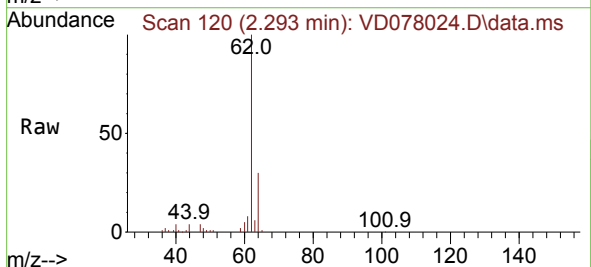
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 38230
Ion Ratio Lower Upper
50 100
52 30.8 26.6 40.0



#4
Vinyl Chloride
Concen: 21.664 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 62 Resp: 55082
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0

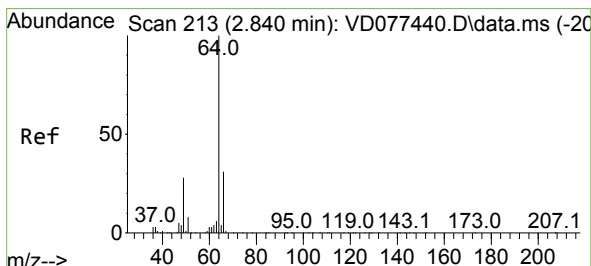
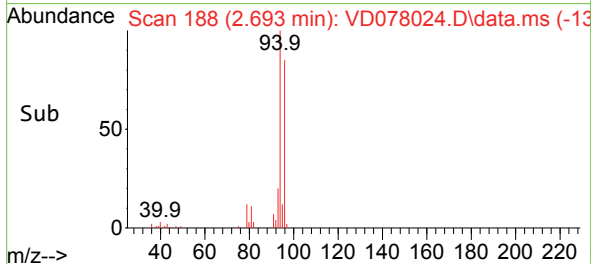
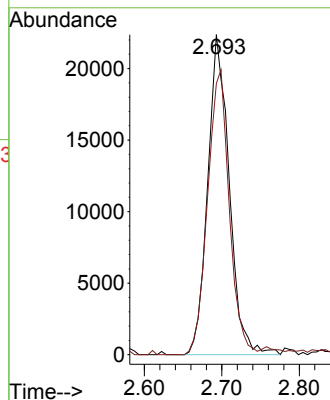
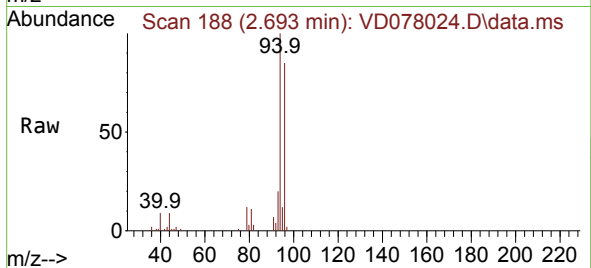




#5
Bromomethane
Concen: 30.223 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

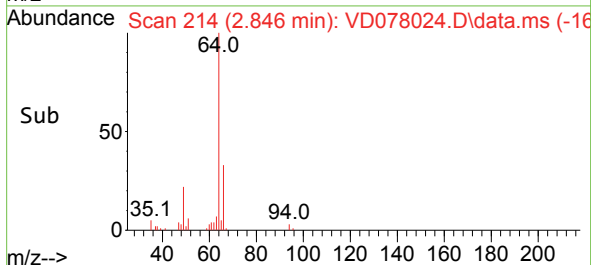
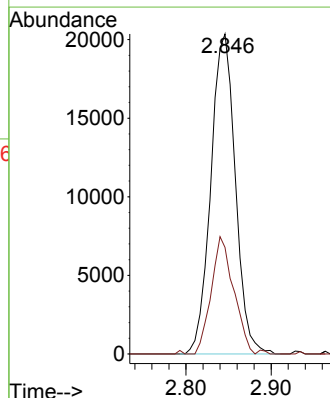
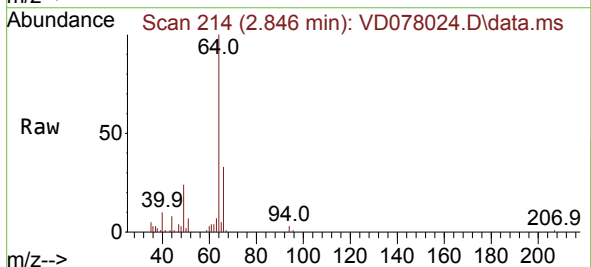
Instrument :
MSVOA_D
ClientSampleId :

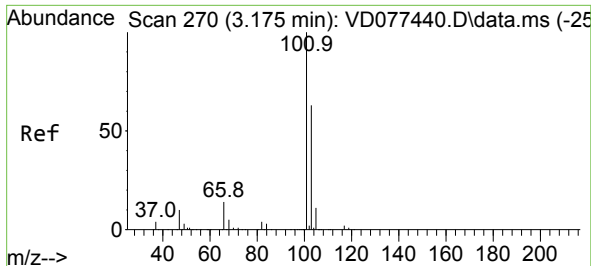
Tgt Ion: 94 Resp: 43119
Ion Ratio Lower Upper
94 100
96 89.7 75.8 113.8



#6
Chloroethane
Concen: 23.476 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 64 Resp: 40694
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3

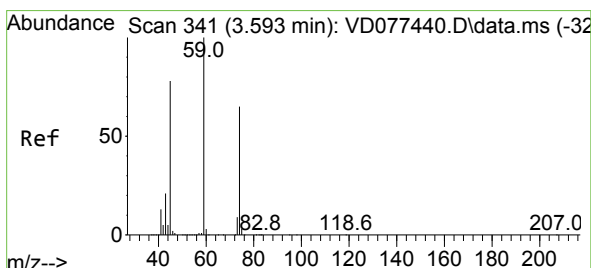
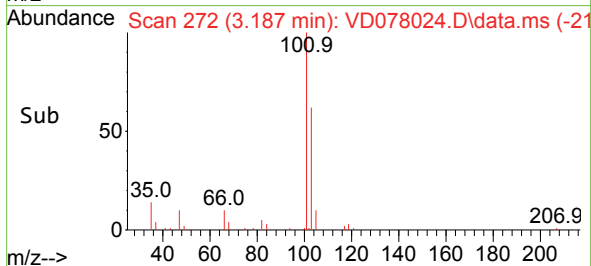
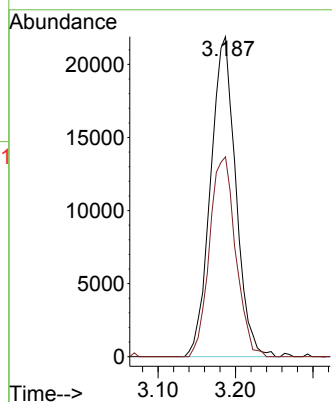
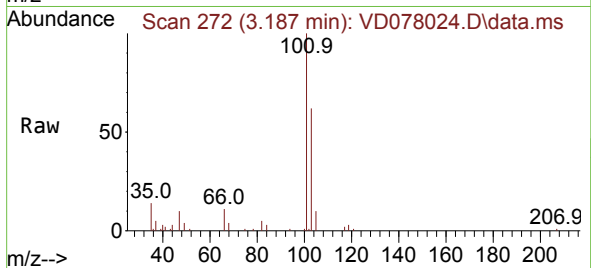




#7
 Trichlorofluoromethane
 Concen: 21.106 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

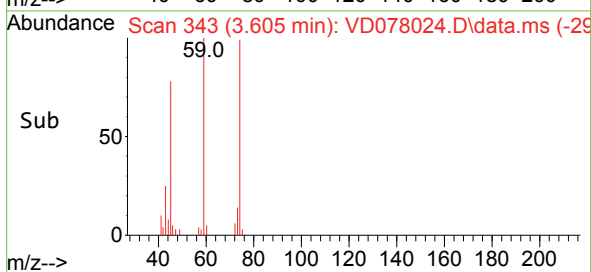
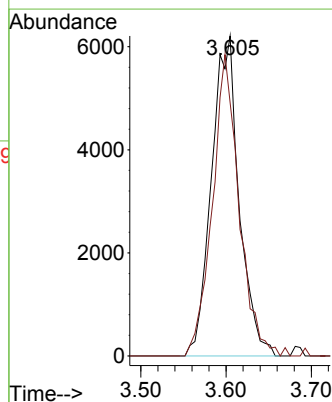
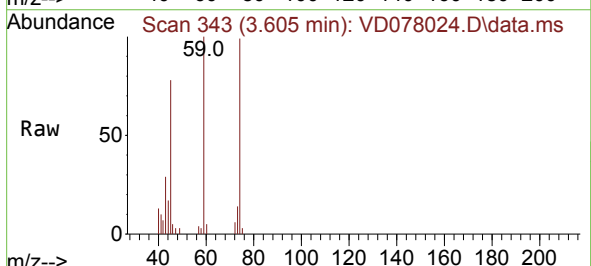
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 49423
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.253 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

Tgt Ion: 74 Resp: 13975
 Ion Ratio Lower Upper
 74 100
 45 91.1 37.5 112.7

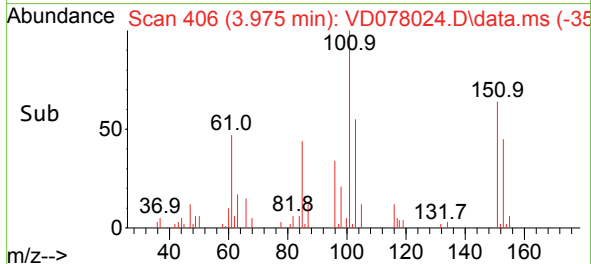
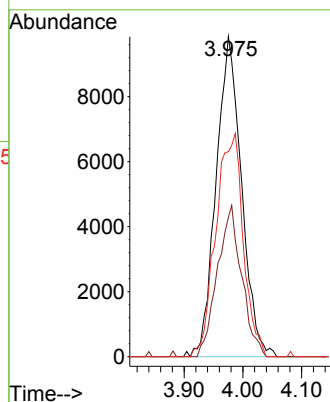
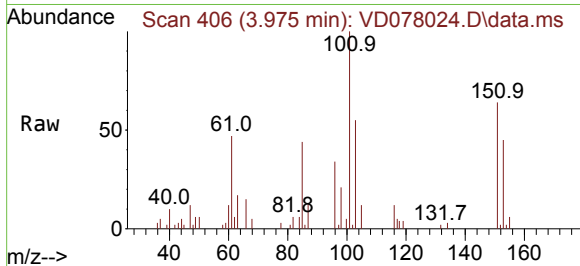




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.093 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

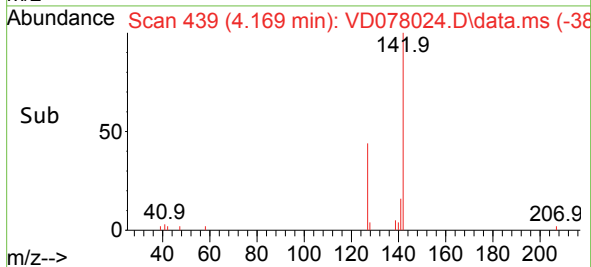
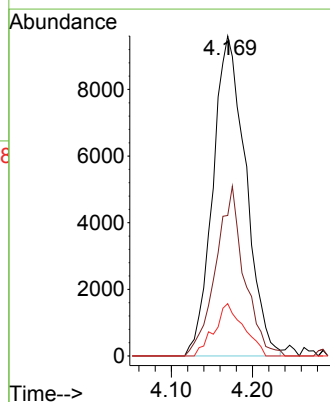
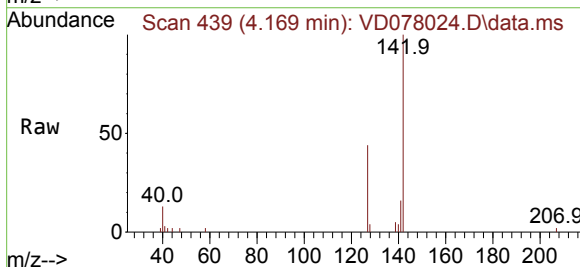
Instrument :
MSVOA_D
ClientSampleId :

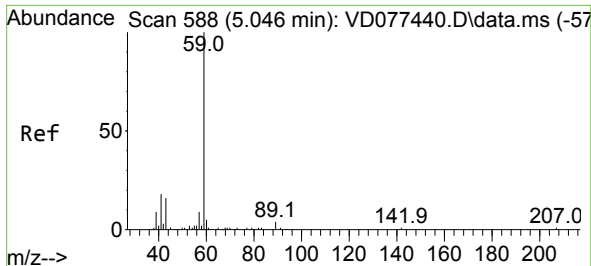
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.1	33.8	50.6
151	75.2	59.8	89.6



#10
Methyl Iodide
Concen: 26.648 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

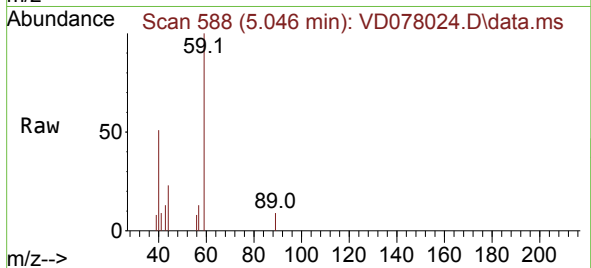
Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.1	29.4	44.0#
141	14.6	11.1	16.7



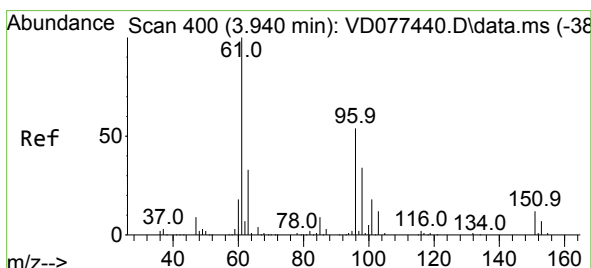
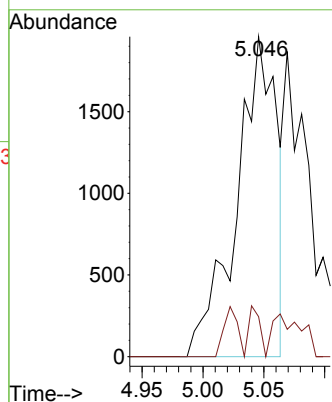
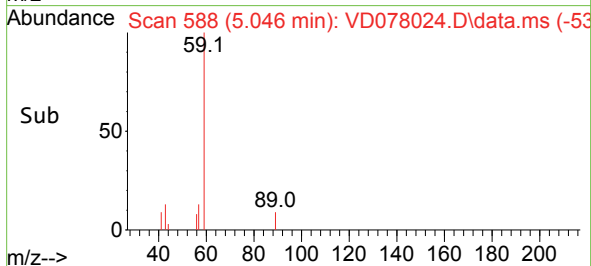


#11
Tert butyl alcohol
Concen: 63.478 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

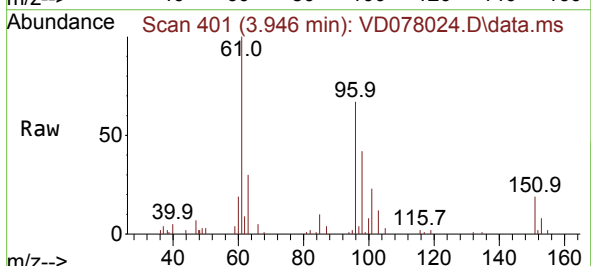
Instrument :
MSVOA_D
ClientSampleId :



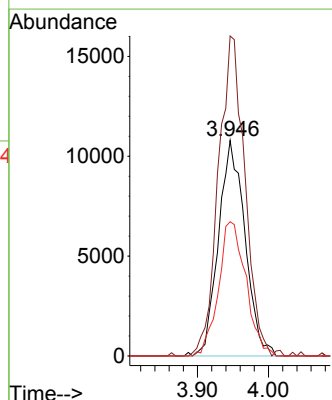
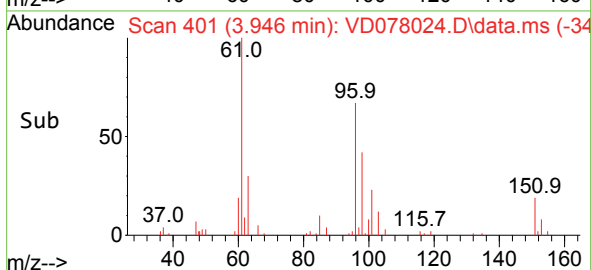
Tgt Ion: 59 Resp: 4487
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.118 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10



Tgt Ion: 96 Resp: 27922
Ion Ratio Lower Upper
96 100
61 148.5 100.6 150.8
98 62.3 50.2 75.2

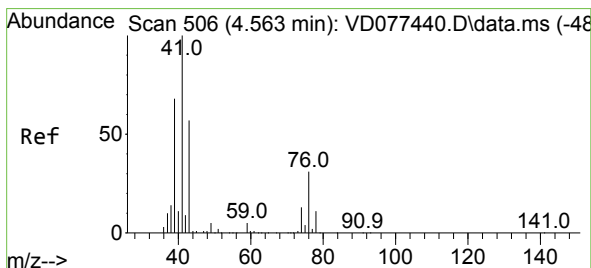
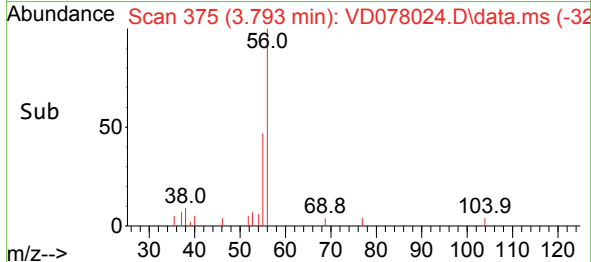
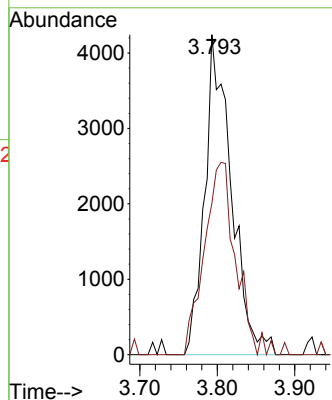
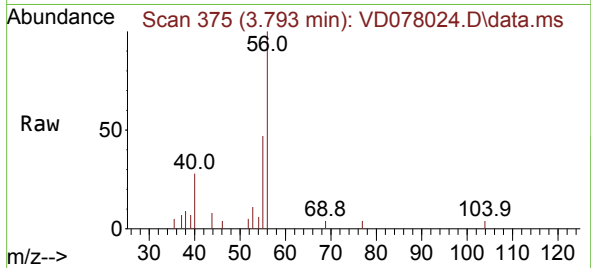




#13
Acrolein
Concen: 73.884 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

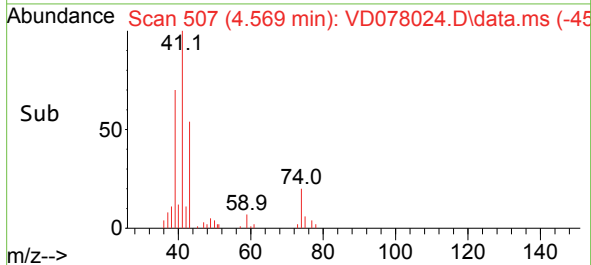
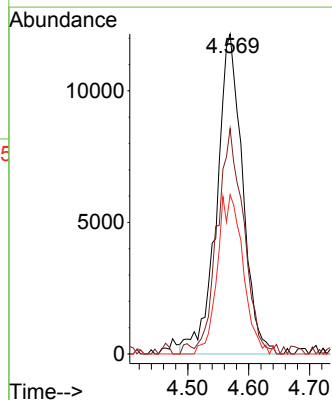
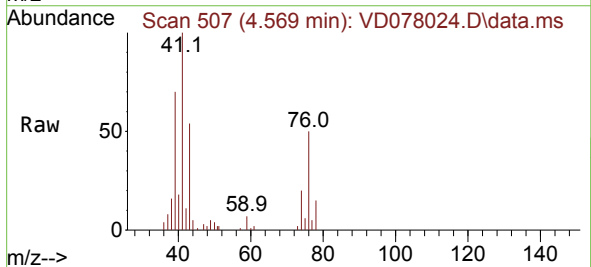
Instrument :
MSVOA_D
ClientSampleId :

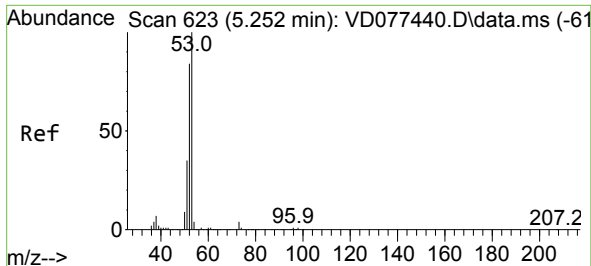
Tgt Ion: 56 Resp: 10130
Ion Ratio Lower Upper
56 100
55 69.3 55.1 82.7



#14
Allyl chloride
Concen: 19.666 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 41 Resp: 35761
Ion Ratio Lower Upper
41 100
39 71.8 53.8 80.6
76 49.7 45.8 68.8

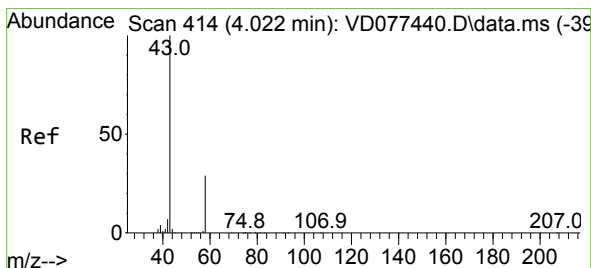
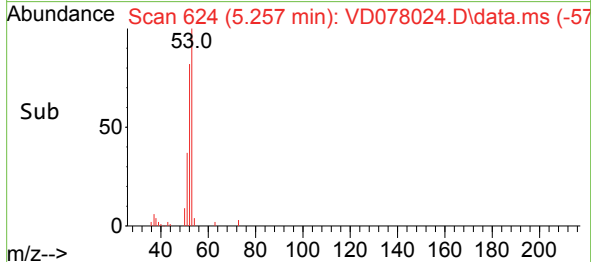
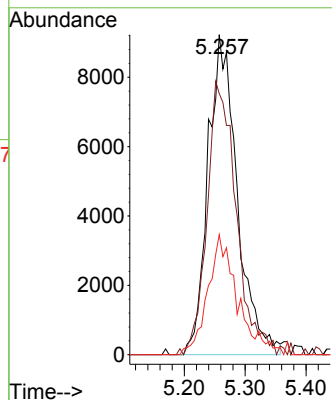
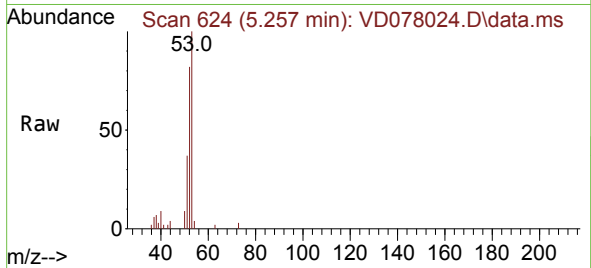




#15
Acrylonitrile
Concen: 109.458 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

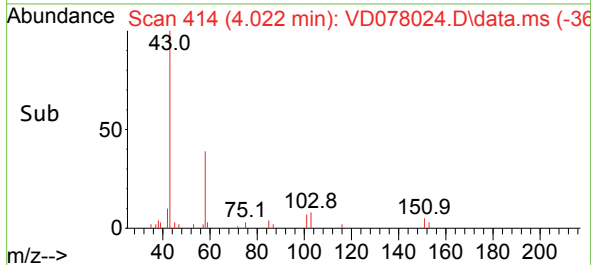
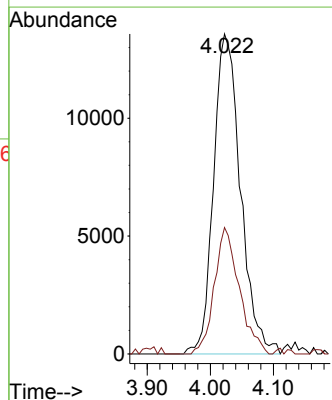
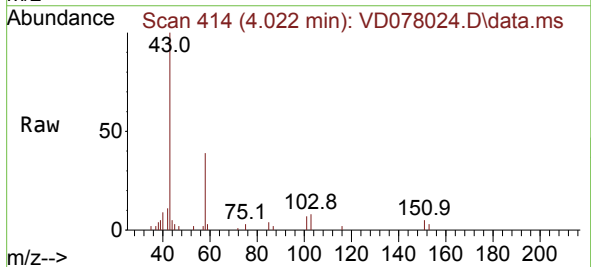
Instrument :
MSVOA_D
ClientSampleId :

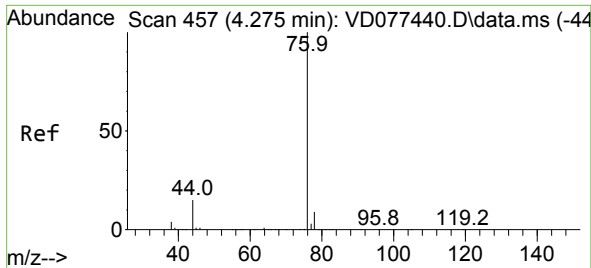
Tgt Ion: 53 Resp: 30816
Ion Ratio Lower Upper
53 100
52 85.5 65.0 97.4
51 38.1 28.3 42.5



#16
Acetone
Concen: 128.100 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 43 Resp: 40193
Ion Ratio Lower Upper
43 100
58 39.5 34.7 52.1

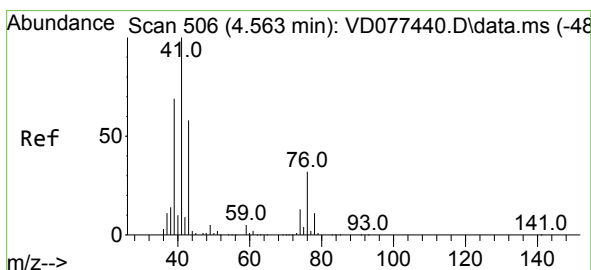
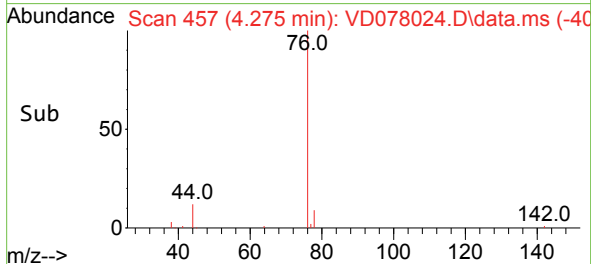
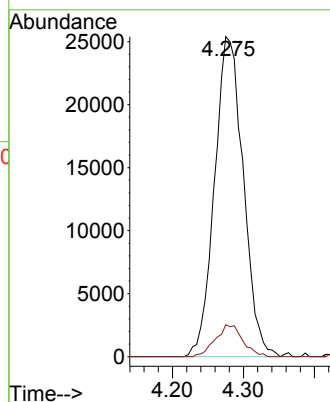
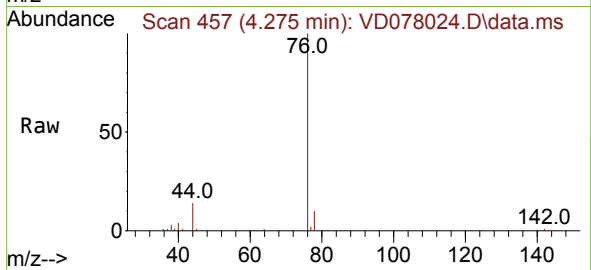




#17
Carbon Disulfide
Concen: 15.924 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

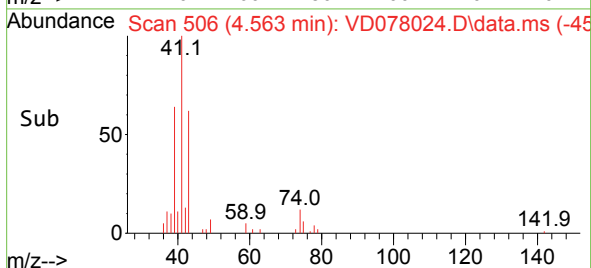
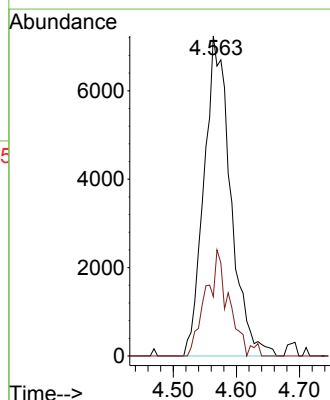
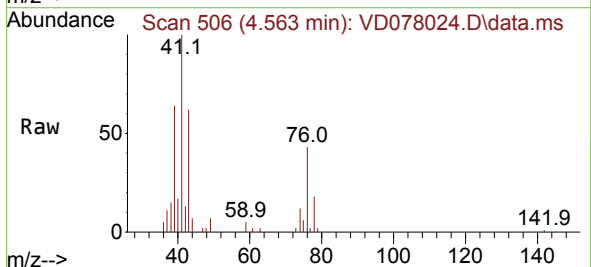
Instrument :
MSVOA_D
ClientSampleId :

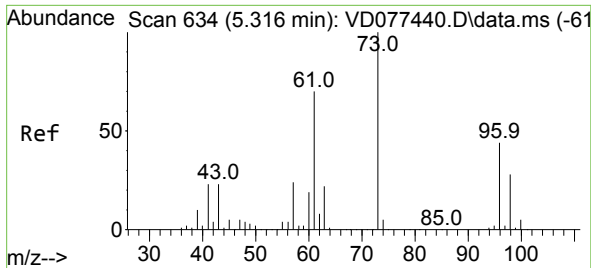
Tgt Ion: 76 Resp: 71230
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 20.751 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 43 Resp: 21182
Ion Ratio Lower Upper
43 100
74 28.0 26.4 39.6

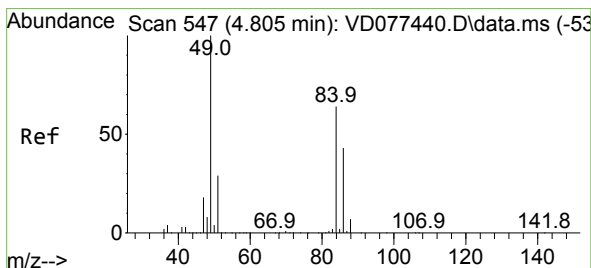
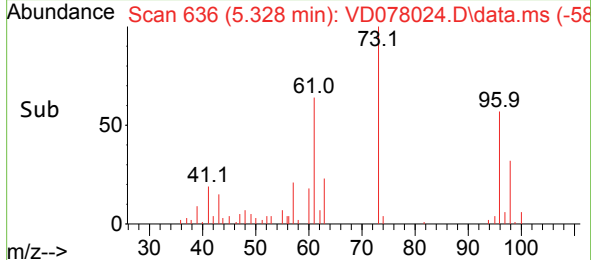
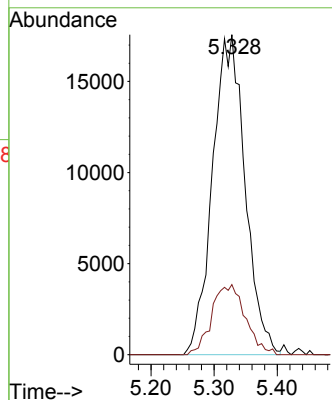
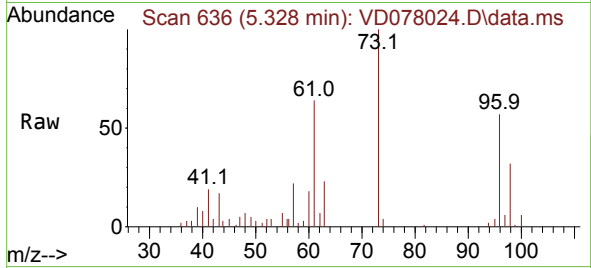




#19
Methyl tert-butyl Ether
Concen: 22.425 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

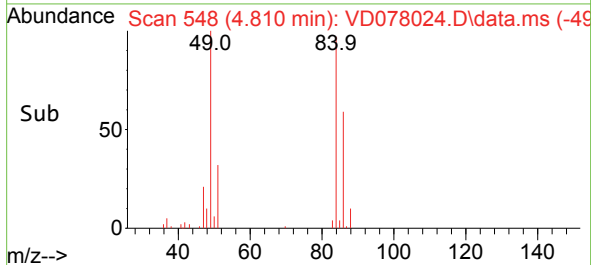
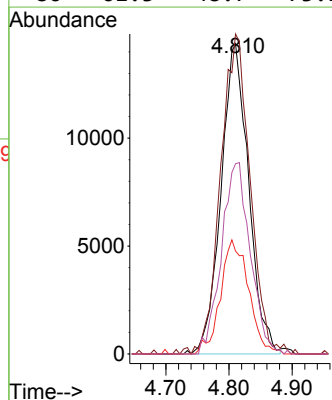
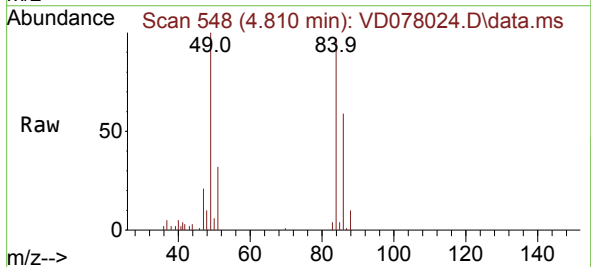
Instrument :
MSVOA_D
ClientSampleId :

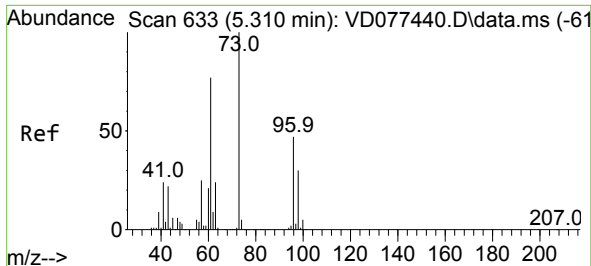
Tgt Ion: 73 Resp: 62908
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 26.135 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

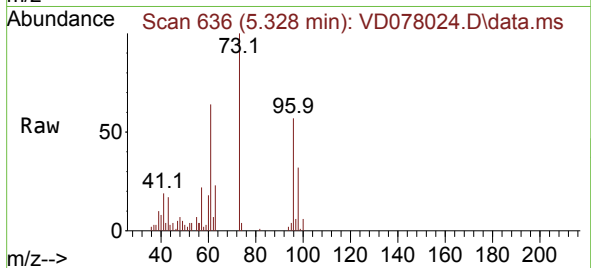
Tgt Ion: 84 Resp: 43665
Ion Ratio Lower Upper
84 100
49 103.2 71.4 107.2
51 33.2 24.5 36.7
86 61.3 48.7 73.1



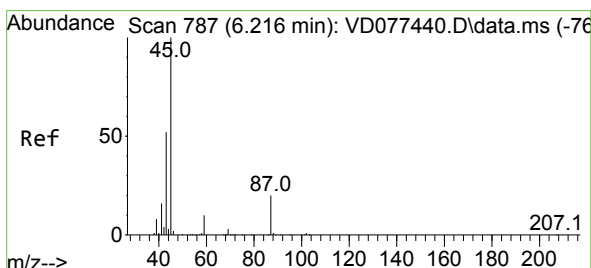
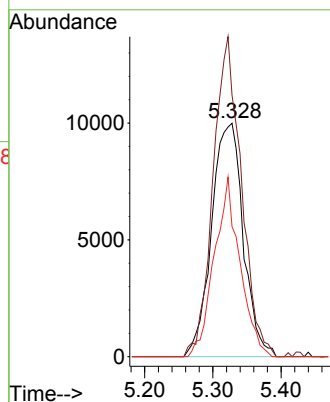
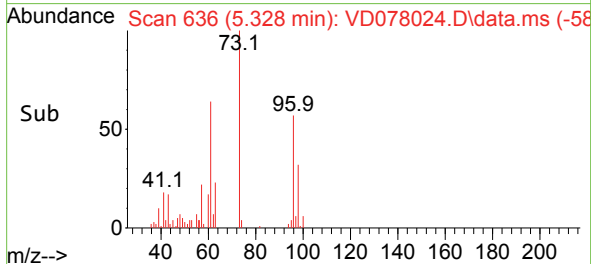


#21
trans-1,2-Dichloroethene
Concen: 21.556 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.018 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

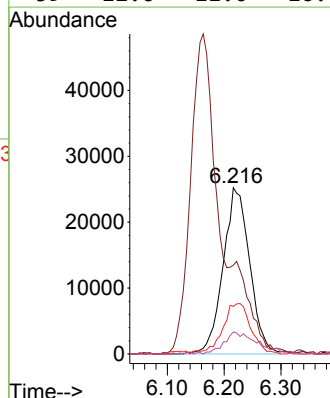
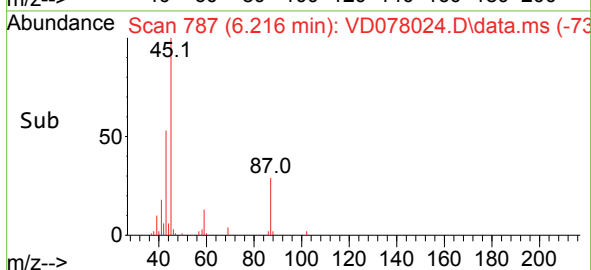
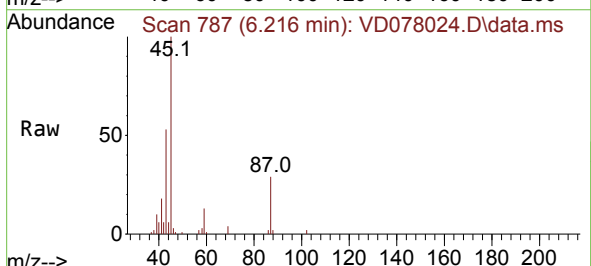


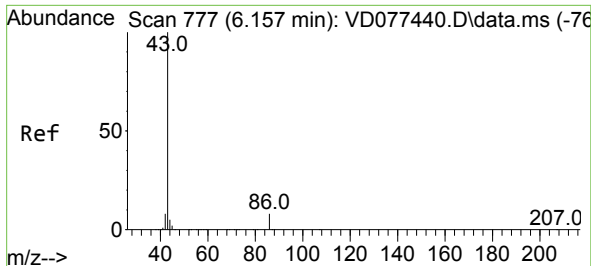
Tgt Ion: 96 Resp: 32282
Ion Ratio Lower Upper
96 100
61 111.9 89.3 133.9
98 55.6 48.6 73.0



#22
Diisopropyl ether
Concen: 21.551 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 45 Resp: 81896
Ion Ratio Lower Upper
45 100
43 50.5 40.0 60.0
87 28.6 28.2 42.4
59 12.6 11.0 16.4

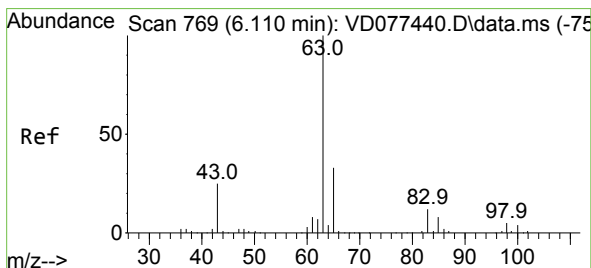
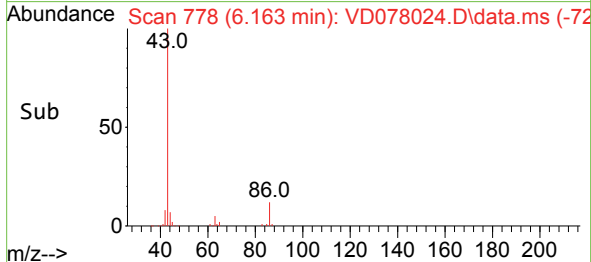
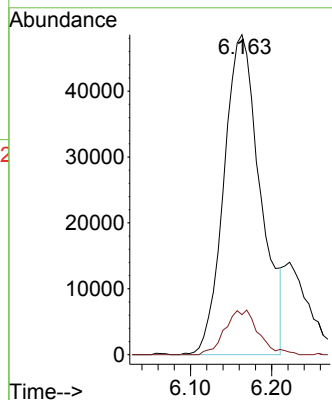
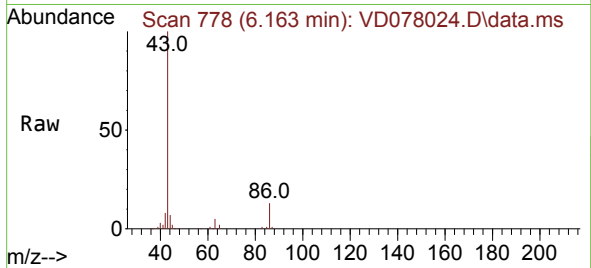




#23
 Vinyl Acetate
 Concen: 81.612 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

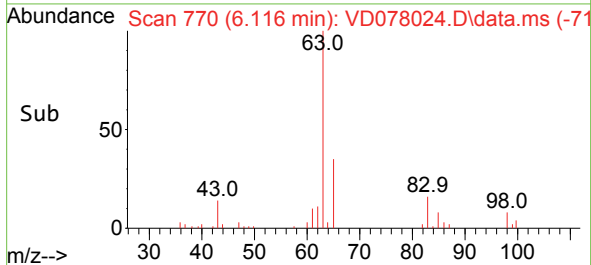
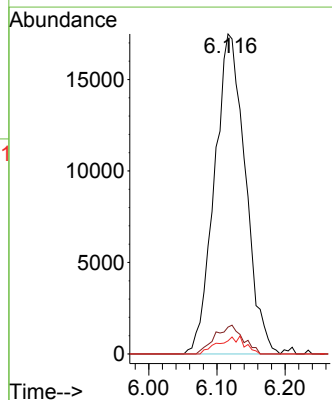
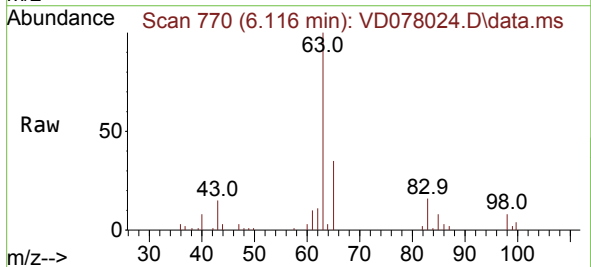
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 151449
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.361 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

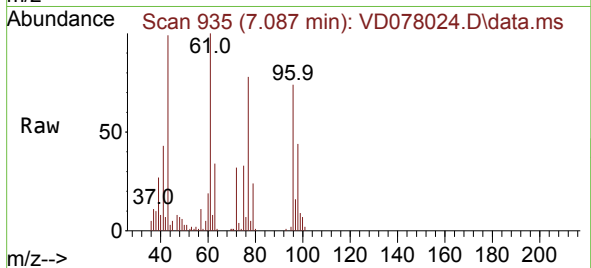
Tgt Ion: 63 Resp: 54970
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 4.1 2.5 7.5



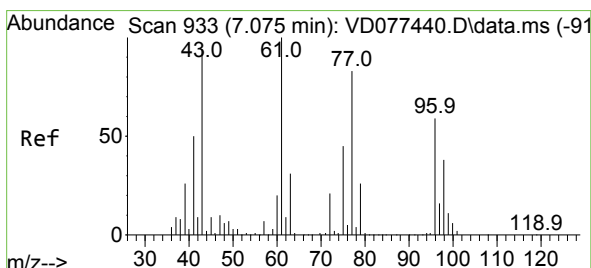
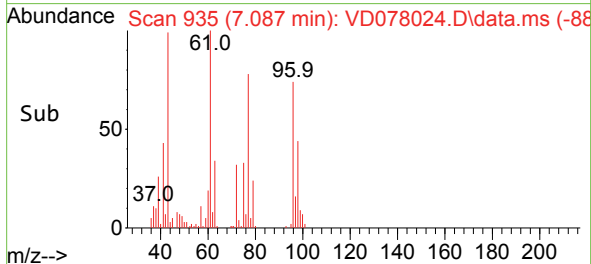
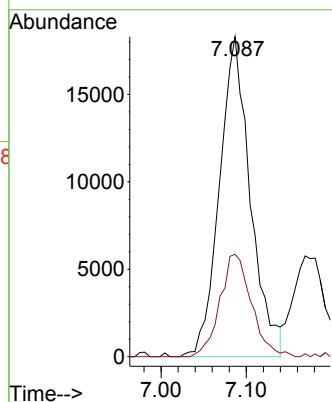


#25
2-Butanone
Concen: 121.897 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

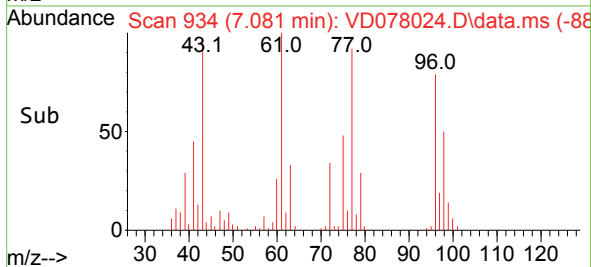
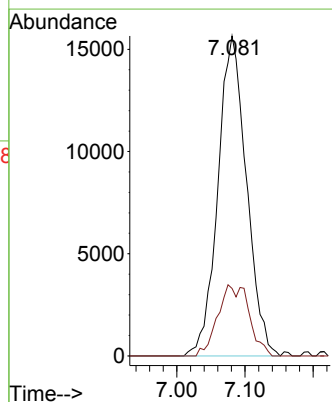
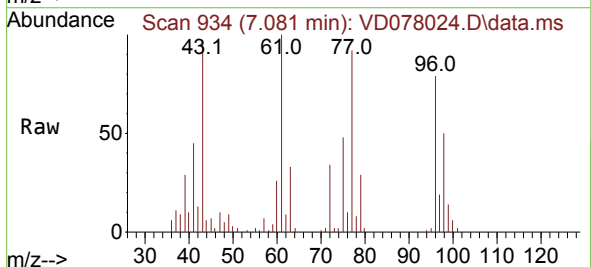


Tgt Ion: 43 Resp: 46172
Ion Ratio Lower Upper
43 100
72 32.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 21.166 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

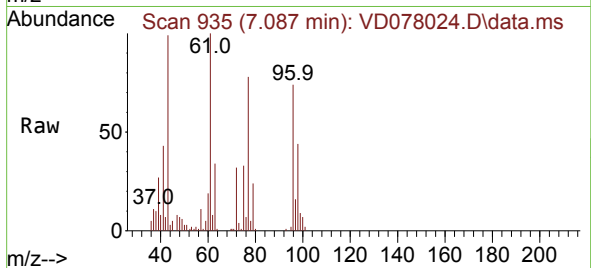
Tgt Ion: 77 Resp: 45733
Ion Ratio Lower Upper
77 100
97 14.6 13.2 39.6





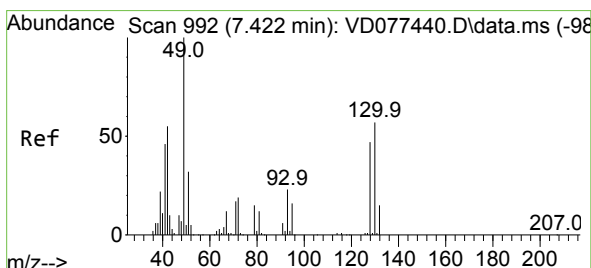
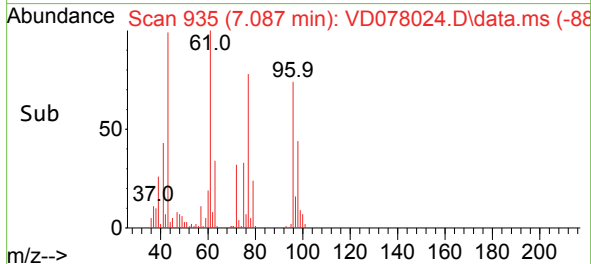
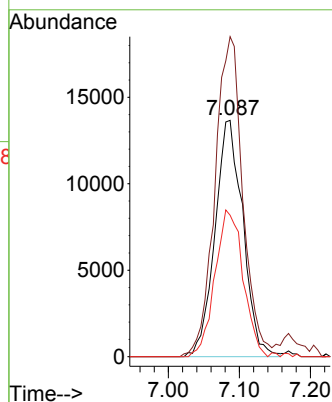
#27
 cis-1,2-Dichloroethene
 Concen: 23.135 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 37280

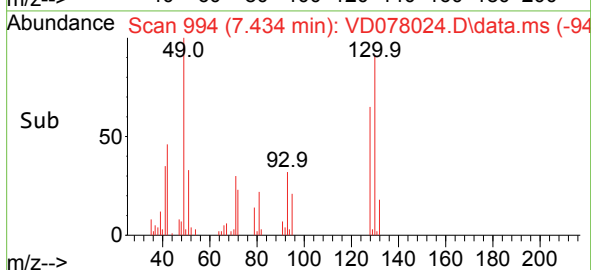
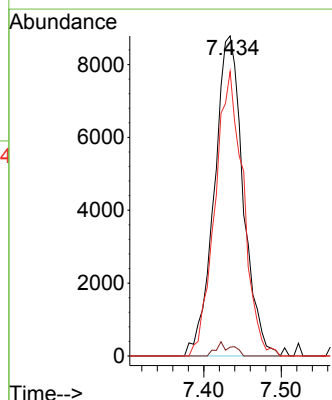
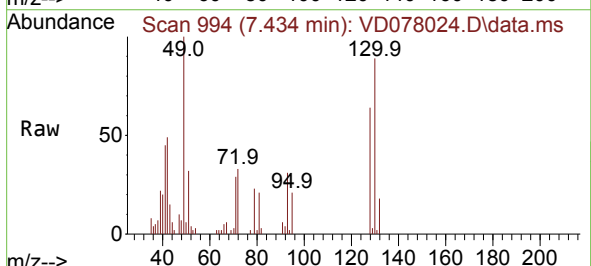
Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	239.2
98	62.4	0.0	128.6

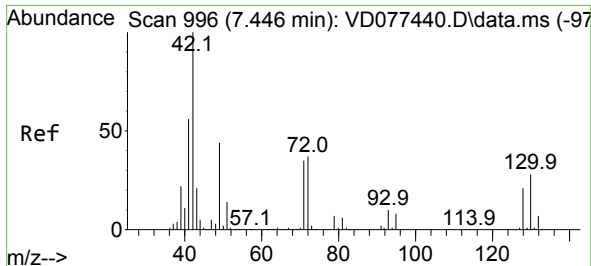


#28
 Bromochloromethane
 Concen: 21.882 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

Tgt Ion: 49 Resp: 22754

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.0
130	87.0	83.2	124.8





#29

Tetrahydrofuran

Concen: 98.645 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD078024.D

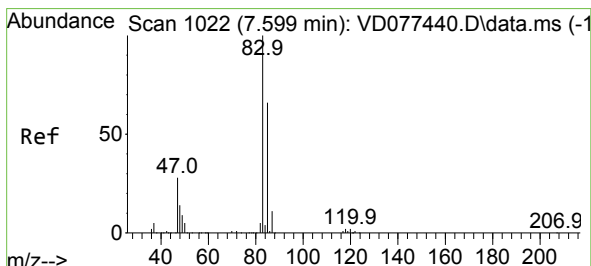
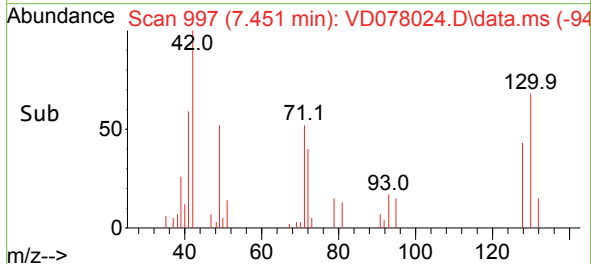
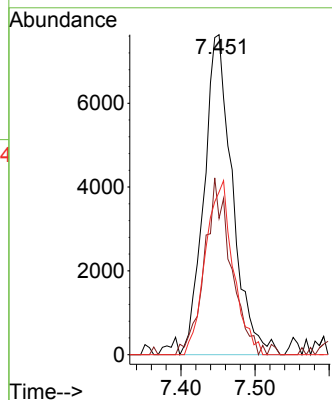
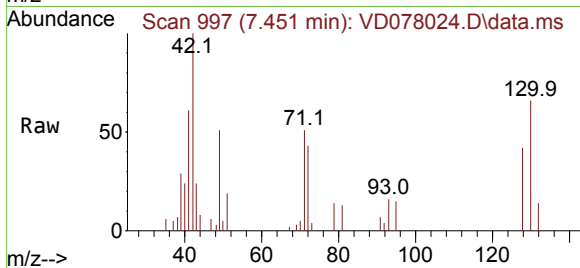
Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	20360
Ion Ratio	Lower	Upper	
42	100		
72	51.6	46.5	69.7
71	53.0	44.5	66.7



#30

Chloroform

Concen: 23.535 ug/l

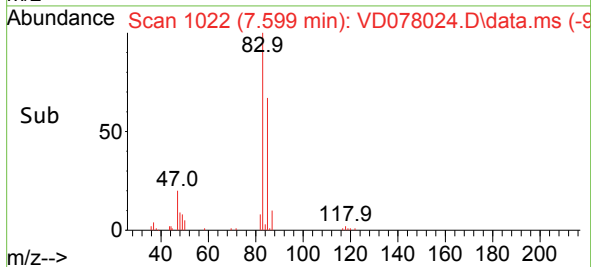
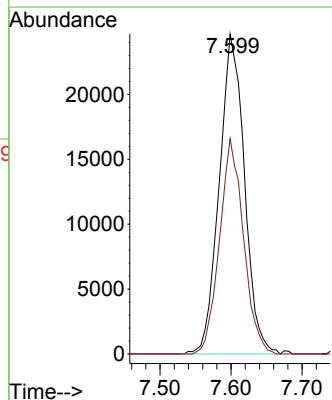
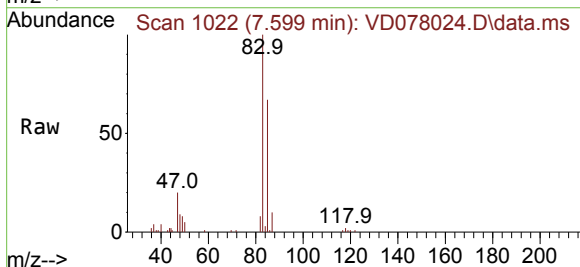
RT: 7.599 min Scan# 1022

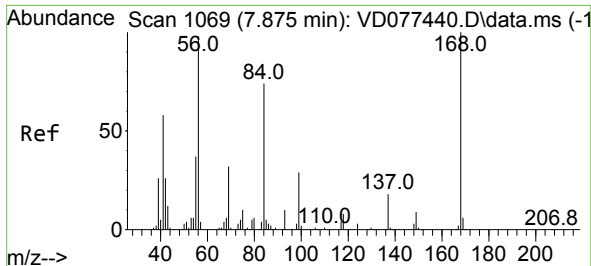
Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

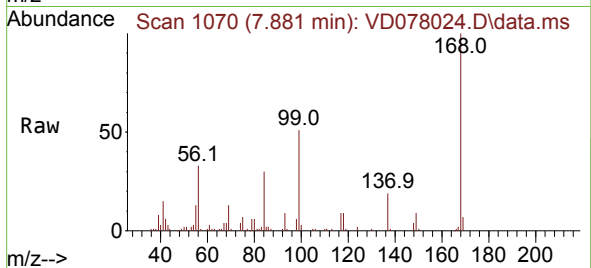
Tgt Ion:	83	Resp:	60616
Ion Ratio	Lower	Upper	
83	100		
85	67.3	53.4	80.2



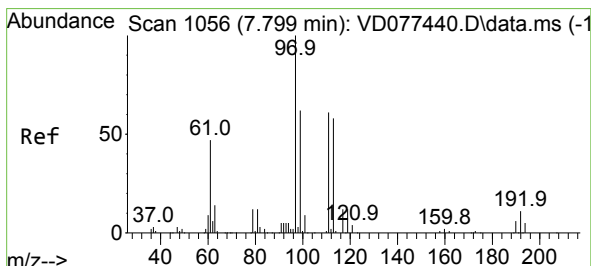
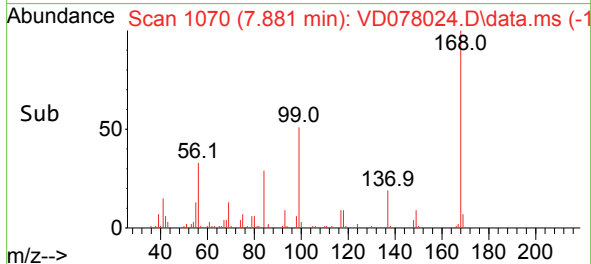
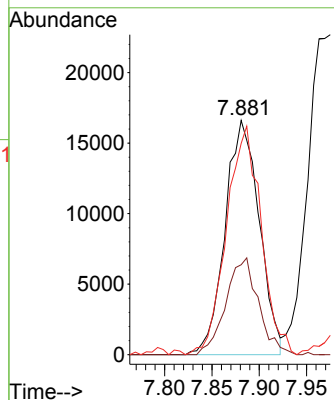


#31
Cyclohexane
Concen: 18.059 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

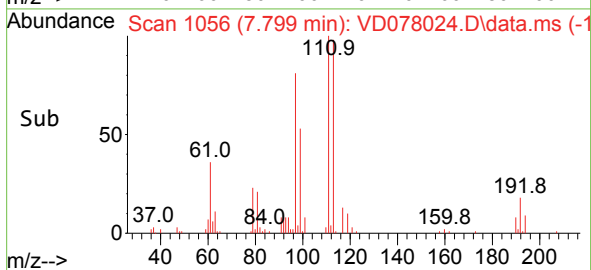
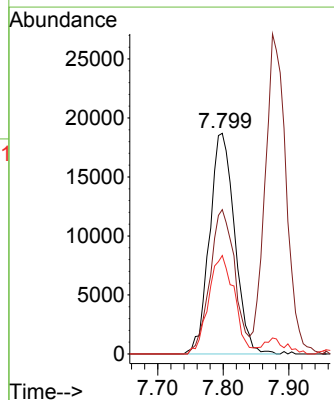
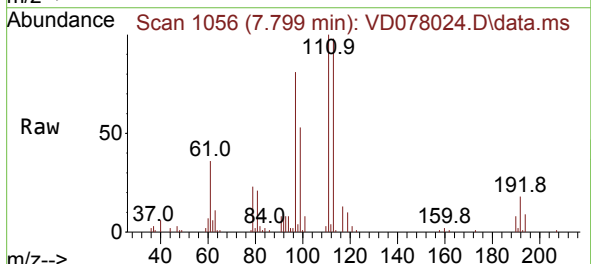


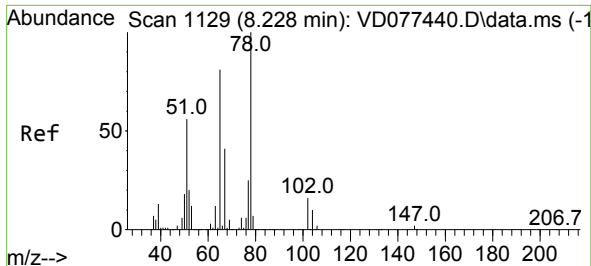
Tgt Ion: 56 Resp: 41633
Ion Ratio Lower Upper
56 100
69 38.4 28.6 43.0
84 88.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.839 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 97 Resp: 49586
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 45.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.455 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

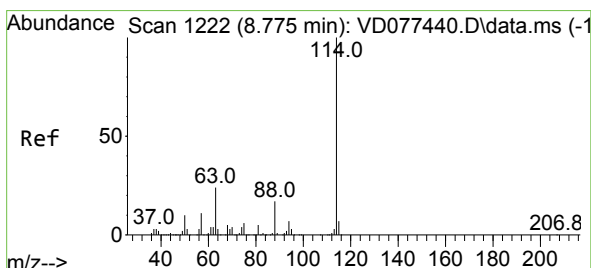
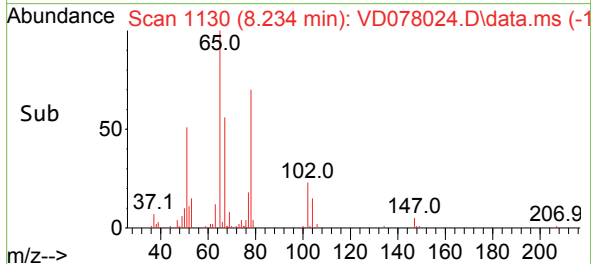
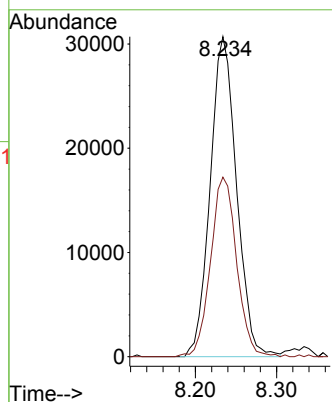
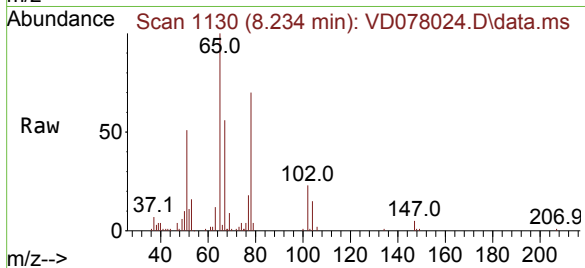
ClientSampleId :

Tgt Ion: 65 Resp: 69285

Ion Ratio Lower Upper

65 100

67 55.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

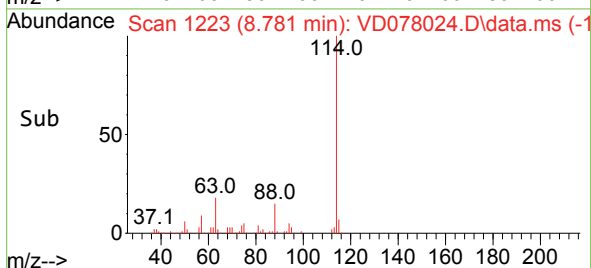
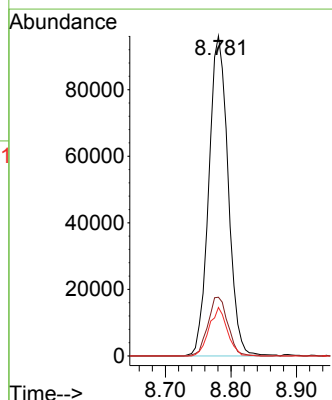
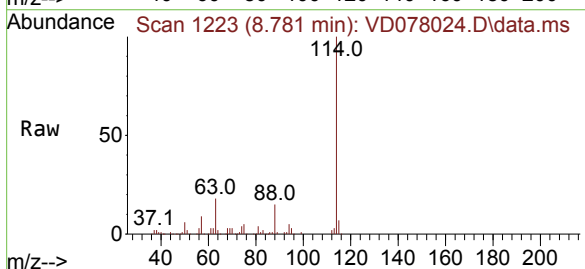
Tgt Ion: 114 Resp: 196587

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 15.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.190 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

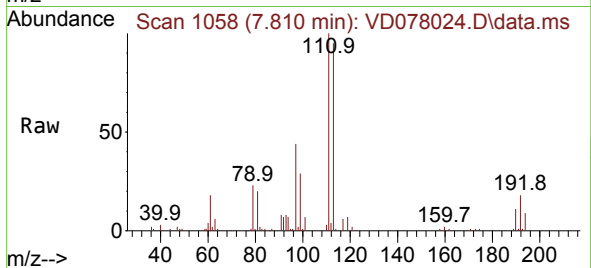
Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :



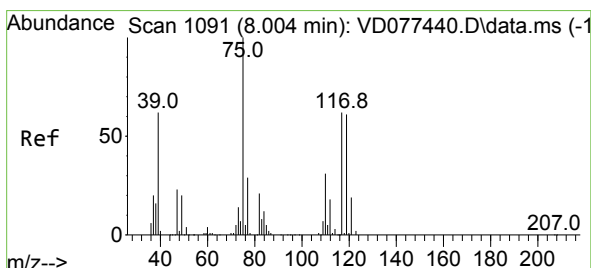
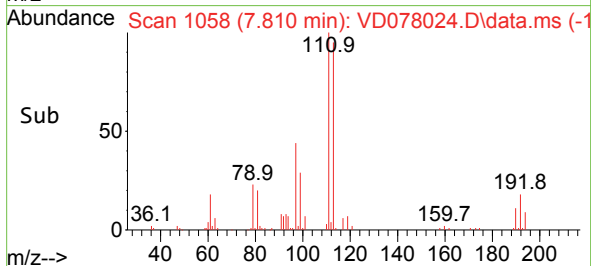
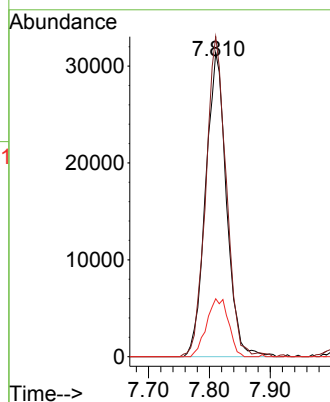
Tgt Ion:113 Resp: 74621

Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 20.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.214 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

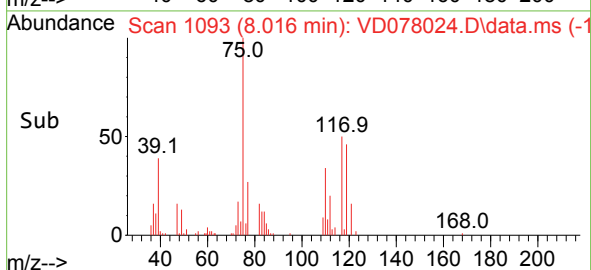
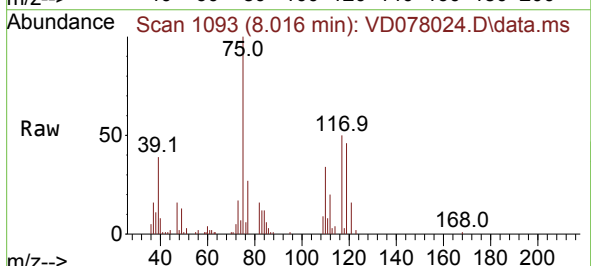
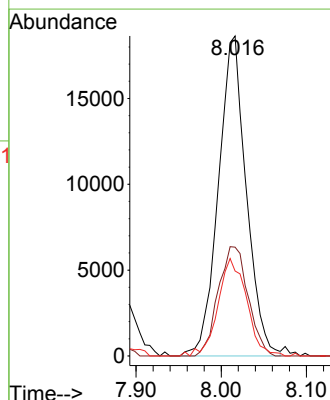
Tgt Ion: 75 Resp: 42322

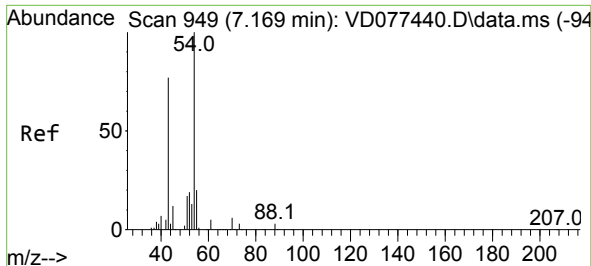
Ion Ratio Lower Upper

75 100

110 36.6 19.9 59.6

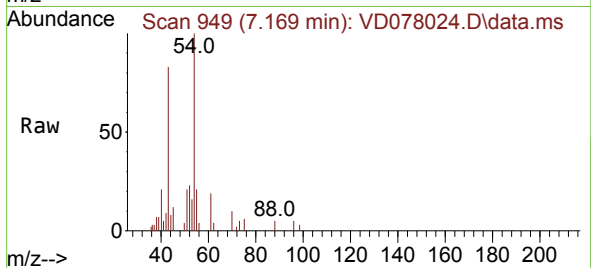
77 31.4 24.7 37.1



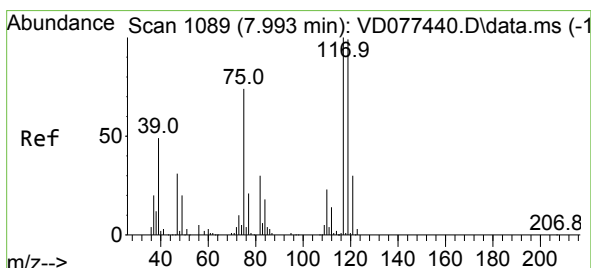
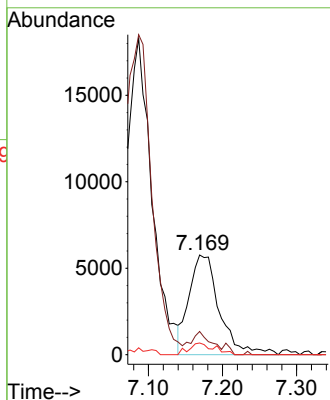
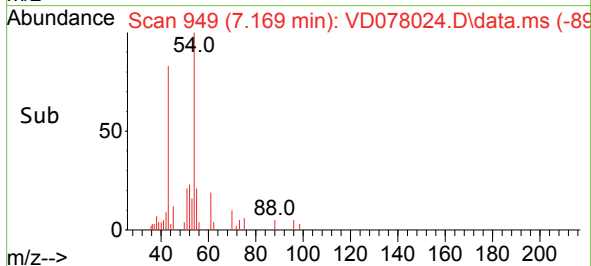


#37
Ethyl Acetate
Concen: 19.101 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

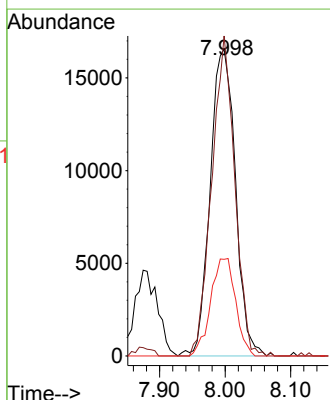
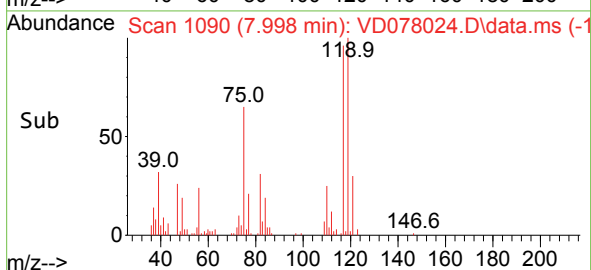
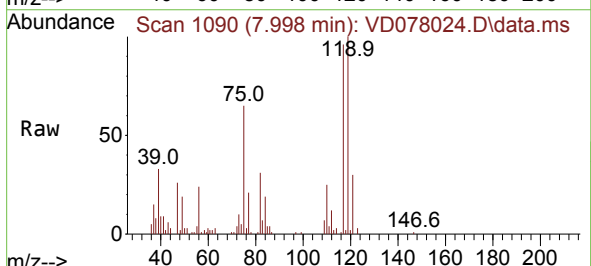


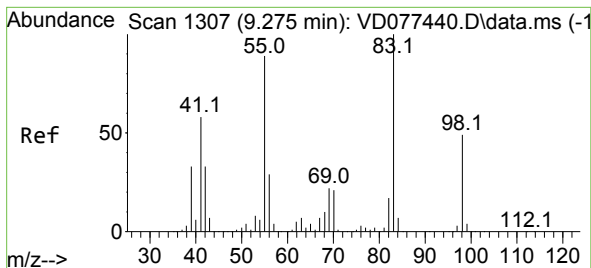
Tgt Ion: 43 Resp: 16405
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
70 9.6 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 20.163 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 117 Resp: 44276
Ion Ratio Lower Upper
117 100
119 104.2 78.0 117.0
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 17.857 ug/l

RT: 9.281 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

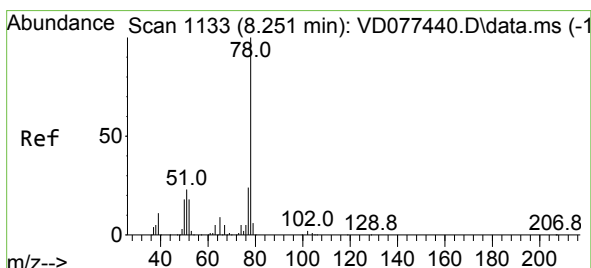
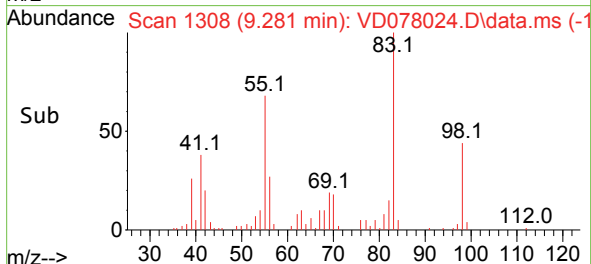
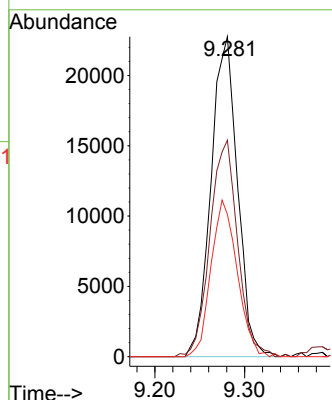
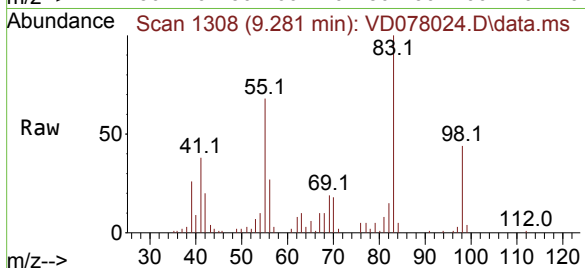
Tgt Ion: 83 Resp: 46629

Ion Ratio Lower Upper

83 100

55 67.7 49.4 74.0

98 44.5 38.4 57.6



#40

Benzene

Concen: 20.741 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078024.D

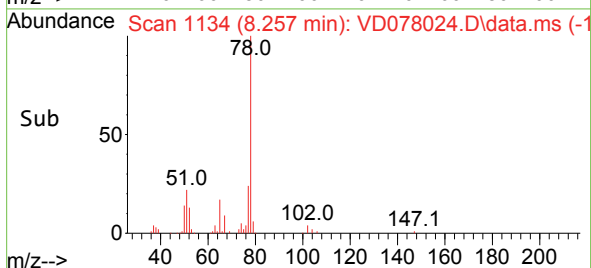
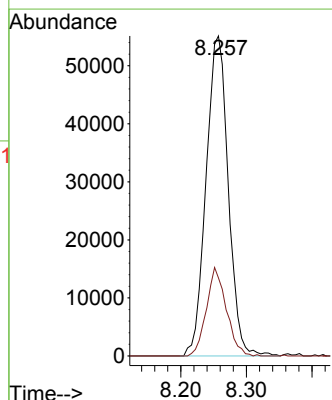
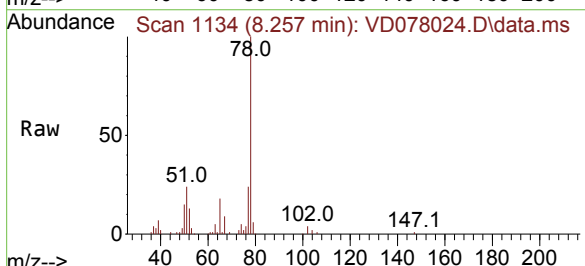
Acq: 21 Dec 2023 14:10

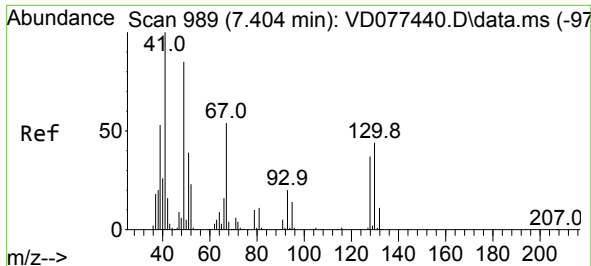
Tgt Ion: 78 Resp: 129661

Ion Ratio Lower Upper

78 100

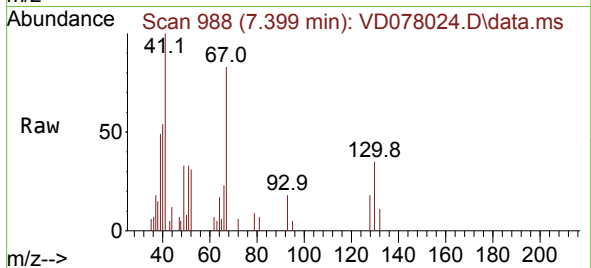
77 24.4 19.4 29.0



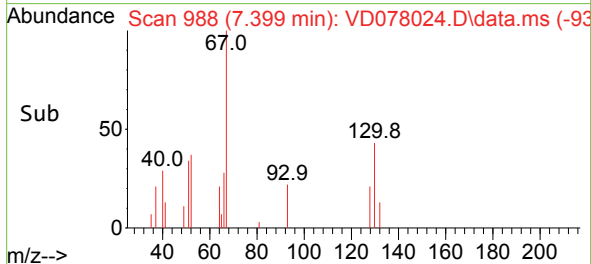
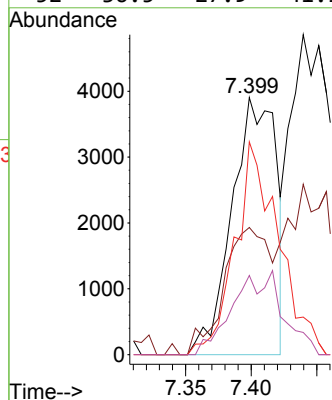


#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 7.399 min Scan# 9187
Delta R.T. -0.005 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

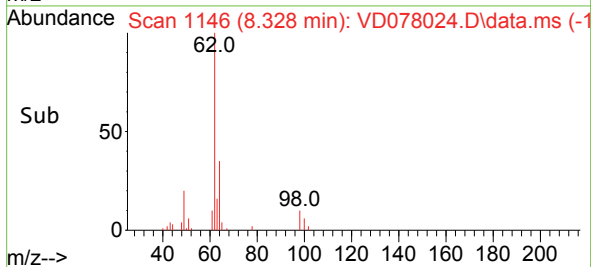
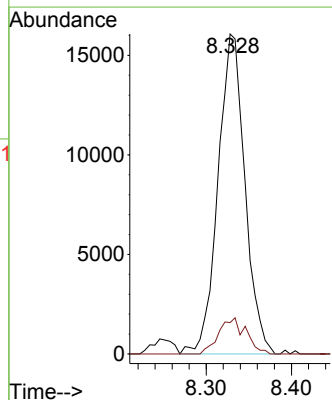
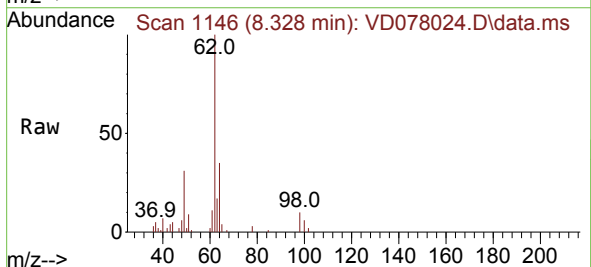


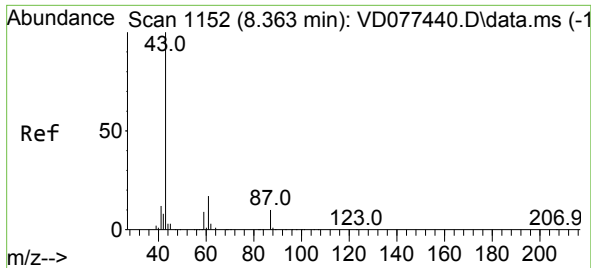
Tgt Ion: 41 Resp: 9187
Ion Ratio Lower Upper
41 100
39 51.7 34.0 51.0#
67 81.3 77.0 115.4
52 36.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.783 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

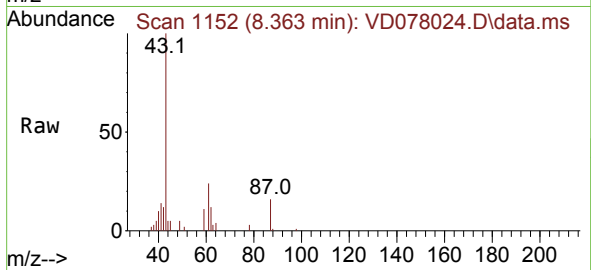
Tgt Ion: 62 Resp: 35299
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4



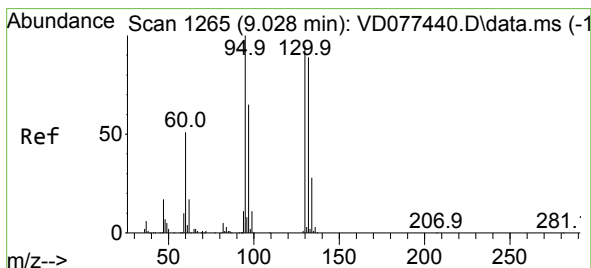
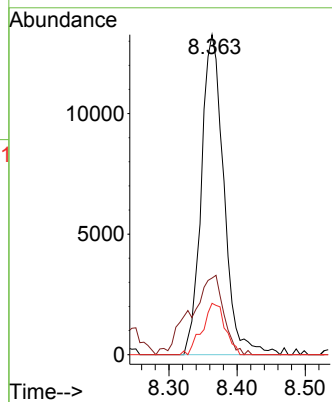
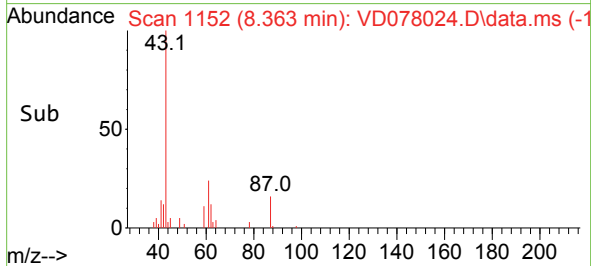


#43
Isopropyl Acetate
Concen: 19.965 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

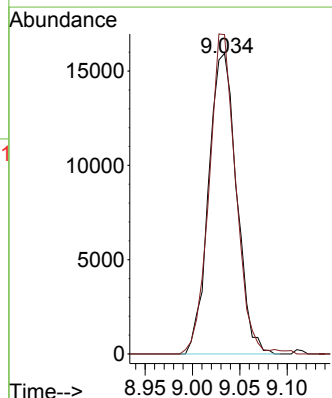
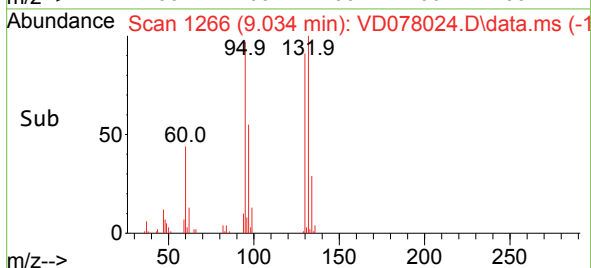
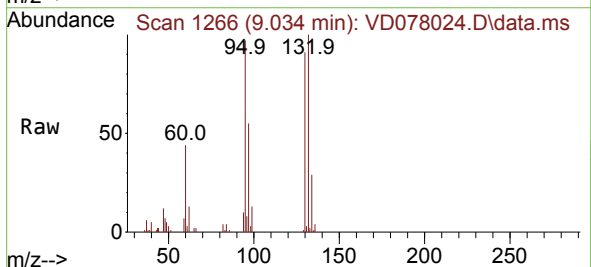


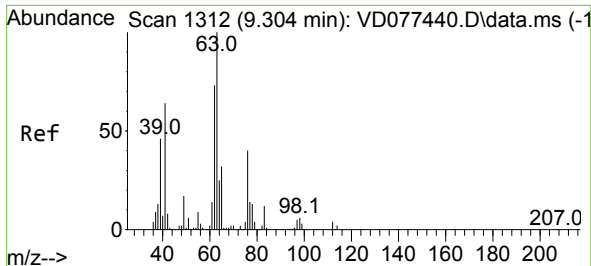
Tgt Ion: 43 Resp: 30481
Ion Ratio Lower Upper
43 100
61 36.3 31.4 47.0
87 16.2 14.9 22.3



#44
Trichloroethene
Concen: 20.102 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:130 Resp: 32749
Ion Ratio Lower Upper
130 100
95 106.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.574 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

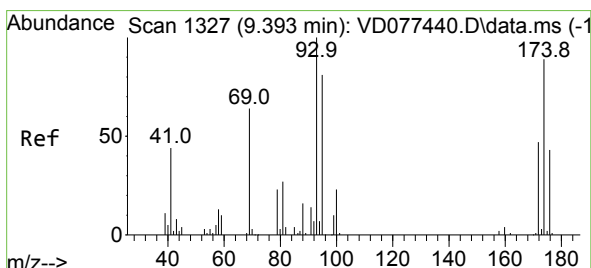
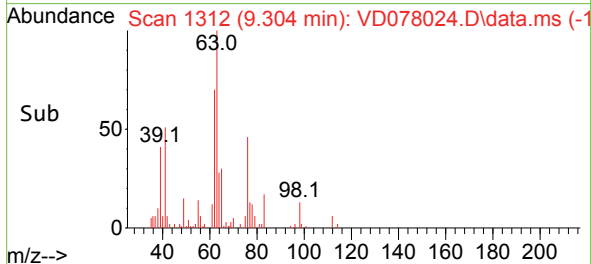
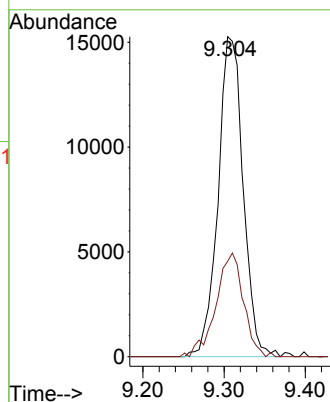
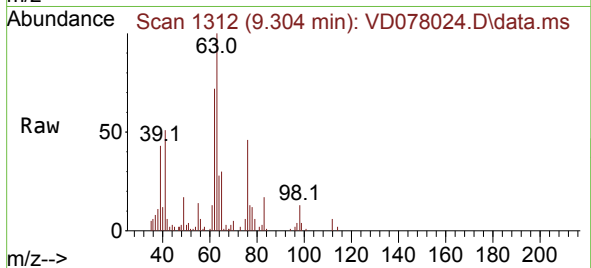
ClientSampleId :

Tgt Ion: 63 Resp: 32786

Ion Ratio Lower Upper

63 100

65 29.8 24.5 36.7



#46

Dibromomethane

Concen: 22.312 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

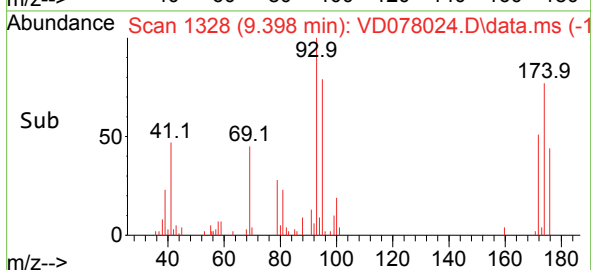
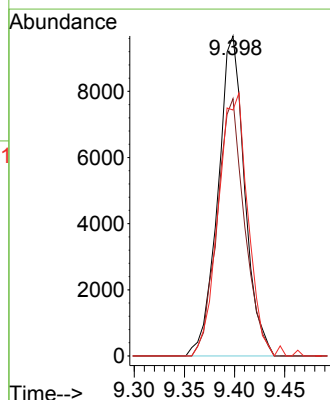
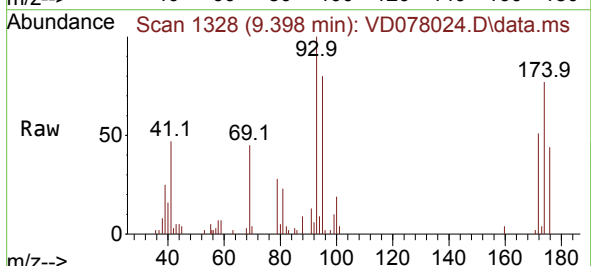
Tgt Ion: 93 Resp: 17941

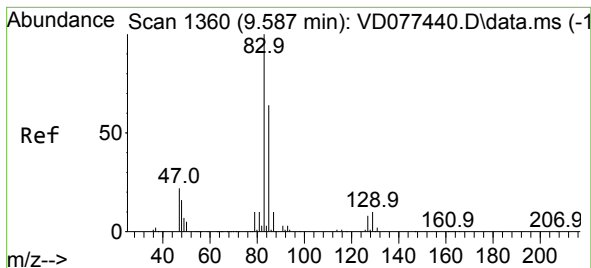
Ion Ratio Lower Upper

93 100

95 82.2 67.7 101.5

174 90.8 85.4 128.2





#47

Bromodichloromethane

Concen: 22.294 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

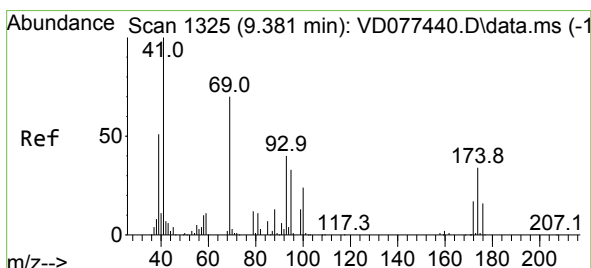
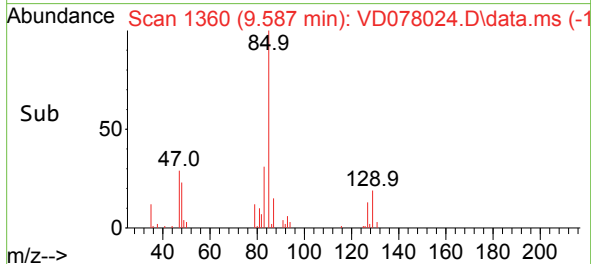
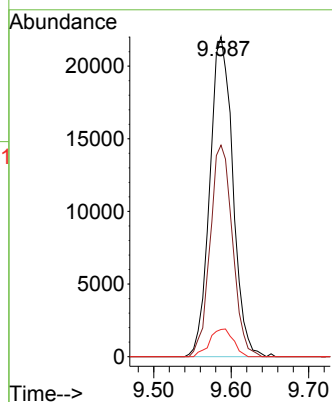
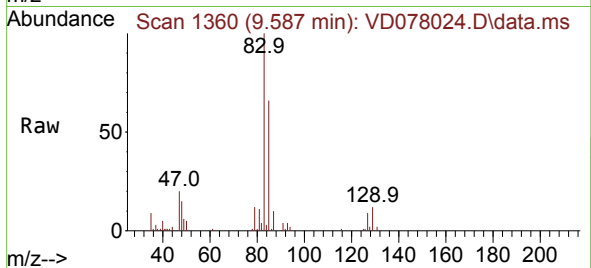
Tgt Ion: 83 Resp: 45439

Ion Ratio Lower Upper

83 100

85 66.1 50.2 75.4

127 8.5 6.3 9.5



#48

Methyl methacrylate

Concen: 20.775 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

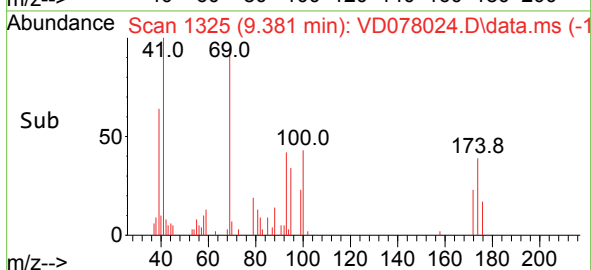
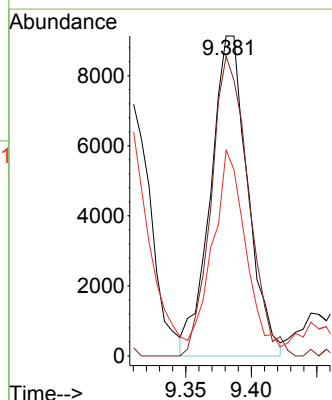
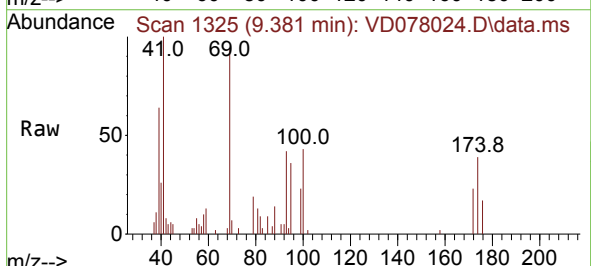
Tgt Ion: 41 Resp: 18030

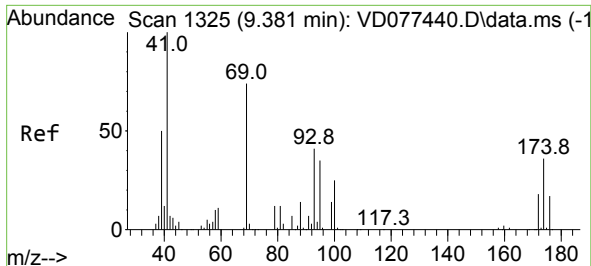
Ion Ratio Lower Upper

41 100

69 93.7 102.2 153.2#

39 55.8 41.4 62.2





#49

1,4-Dioxane

Concen: 406.035 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

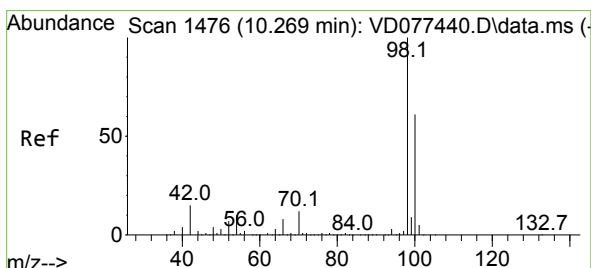
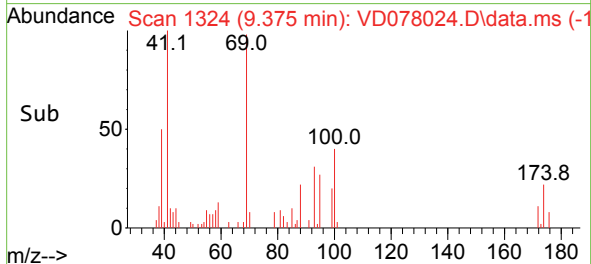
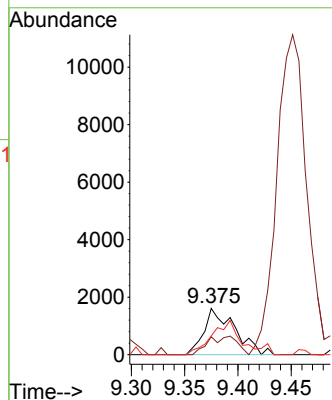
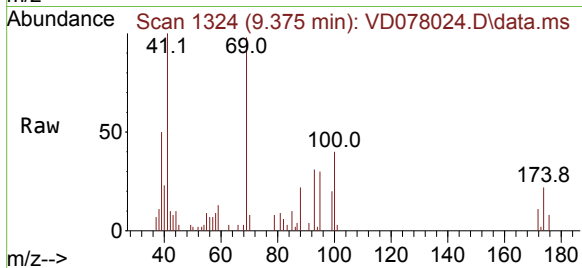
Tgt Ion: 88 Resp: 3242

Ion Ratio Lower Upper

88 100

43 37.6 19.0 28.6#

58 71.6 43.5 65.3#



#50

Toluene-d8

Concen: 52.171 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078024.D

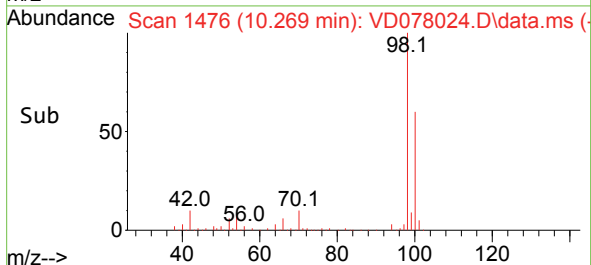
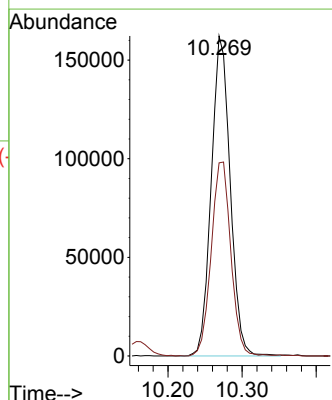
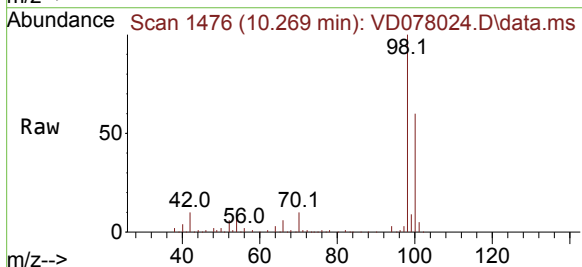
Acq: 21 Dec 2023 14:10

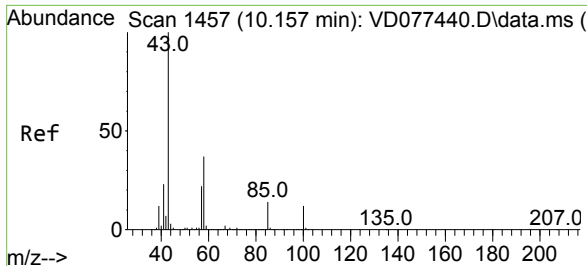
Tgt Ion: 98 Resp: 287734

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5

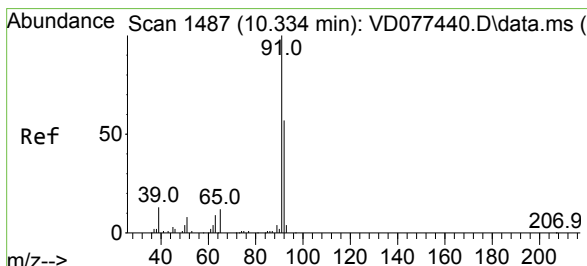
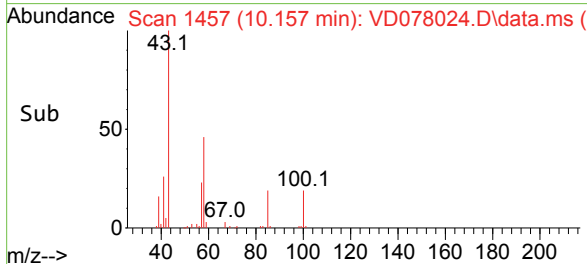
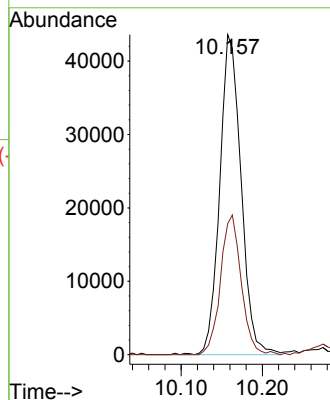
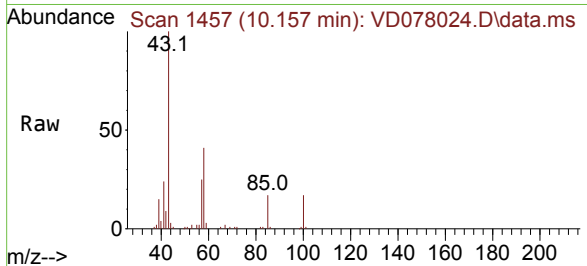




#51
4-Methyl-2-Pentanone
Concen: 102.210 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

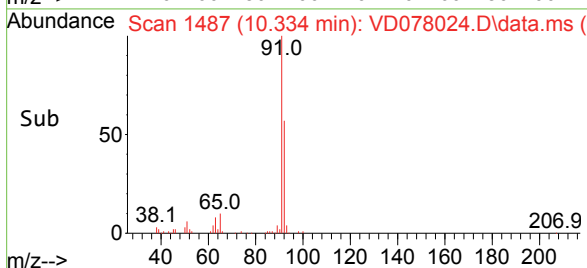
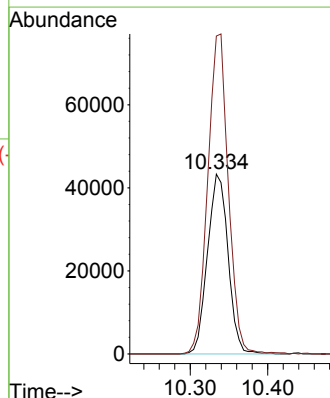
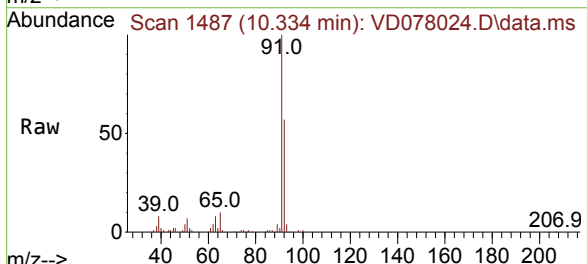
Instrument :
MSVOA_D
ClientSampleId :

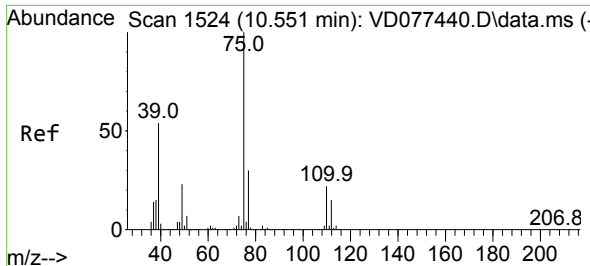
Tgt Ion: 43 Resp: 79640
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3



#52
Toluene
Concen: 20.649 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 92 Resp: 80073
Ion Ratio Lower Upper
92 100
91 177.7 143.0 214.4

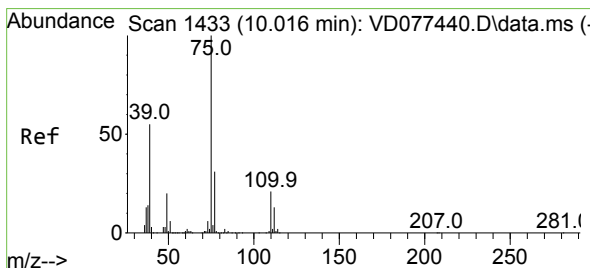
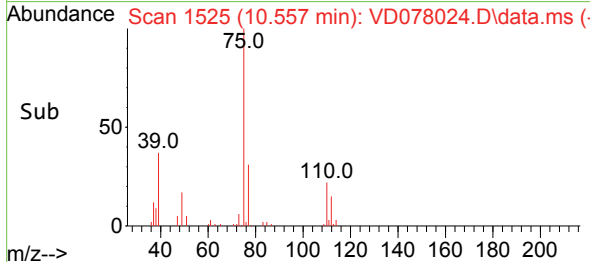
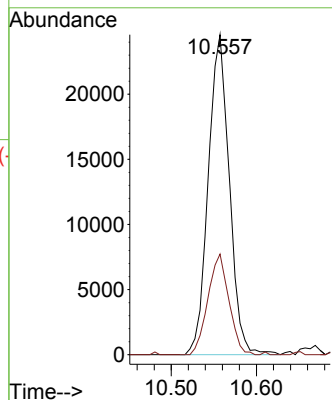
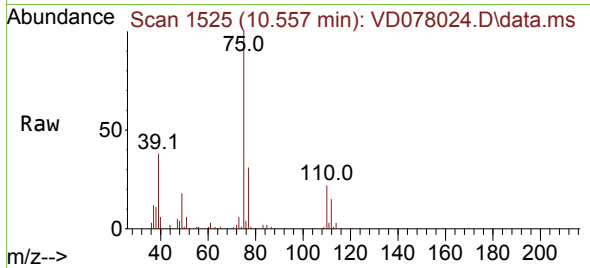




#53
 t-1,3-Dichloropropene
 Concen: 21.582 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

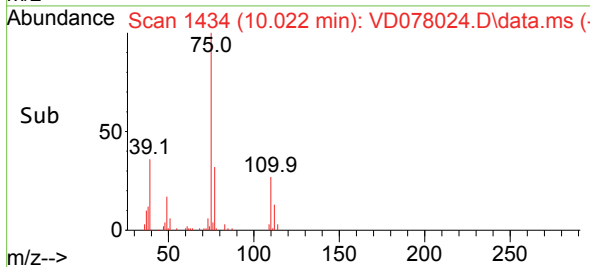
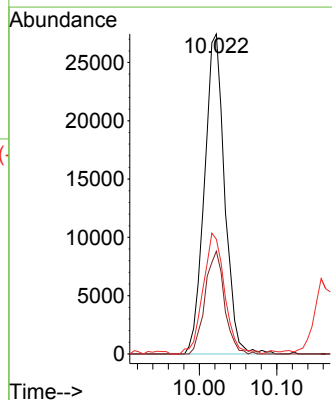
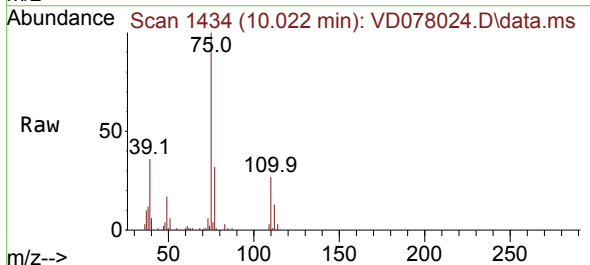
Instrument :
 MSVOA_D
 ClientSampleId :

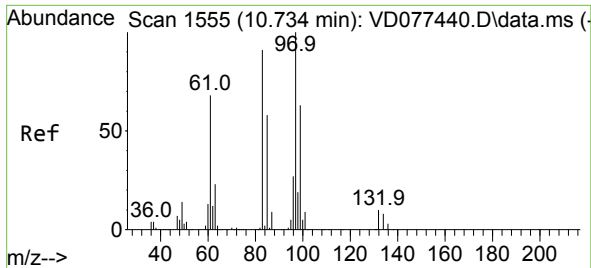
Tgt Ion: 75 Resp: 42241
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.995 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

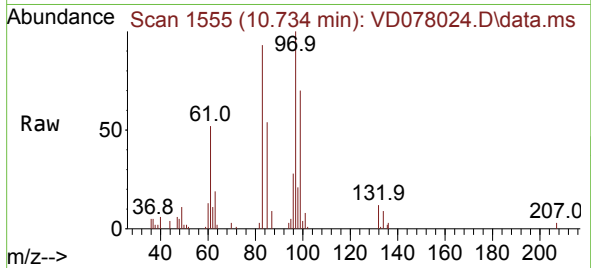
Tgt Ion: 75 Resp: 49681
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 35.8 22.1 33.1#



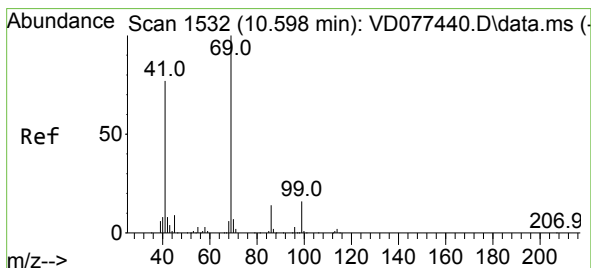
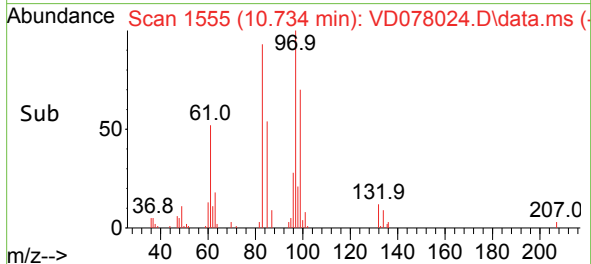
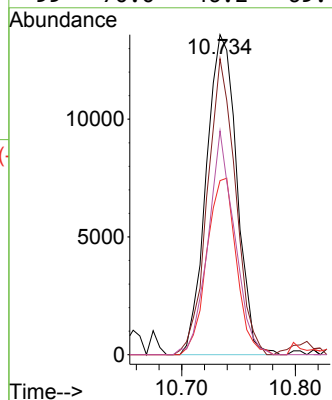


#55
1,1,2-Trichloroethane
Concen: 23.097 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

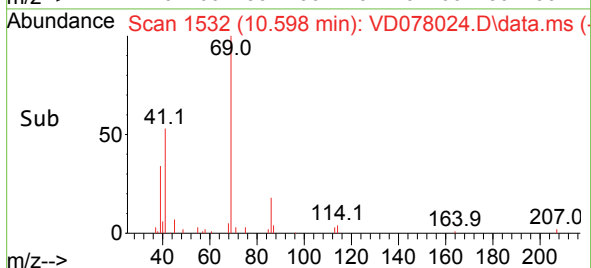
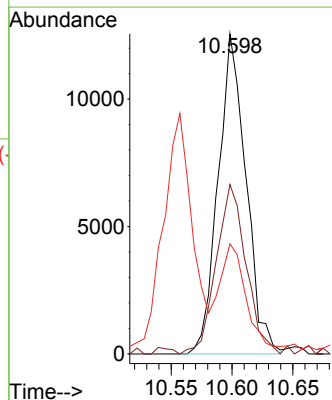
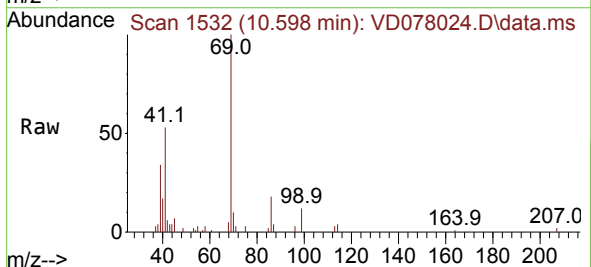


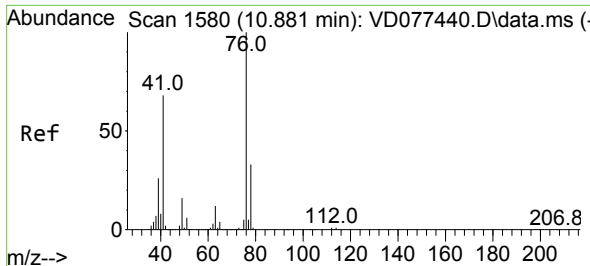
Tgt Ion:	97	Resp:	25404
Ion	Ratio	Lower	Upper
97	100		
83	91.4	65.8	98.6
85	54.4	45.7	68.5
99	70.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.623 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:	69	Resp:	19996
Ion	Ratio	Lower	Upper
69	100		
41	56.6	39.1	58.7
39	29.9	20.0	30.0

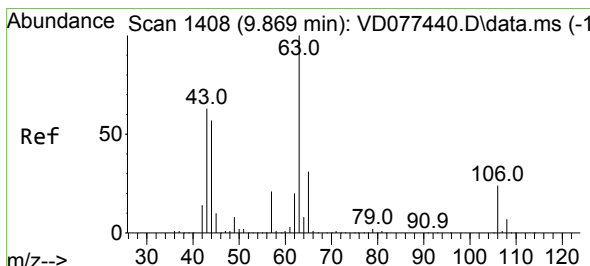
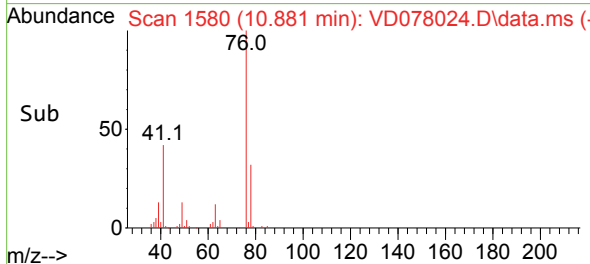
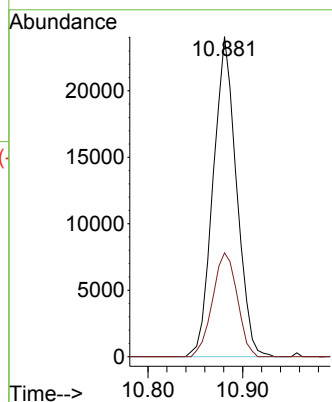
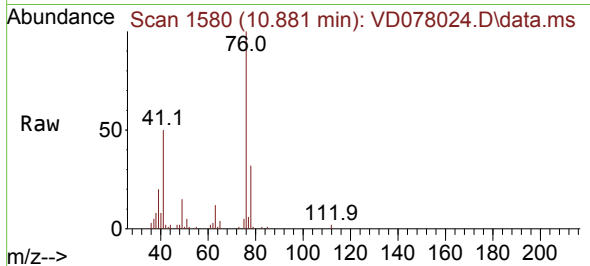




#57
1,3-Dichloropropane
Concen: 21.767 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

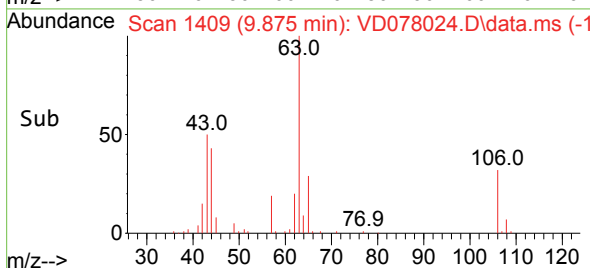
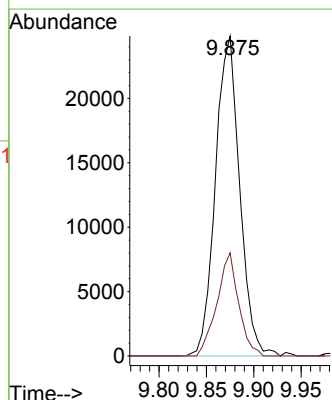
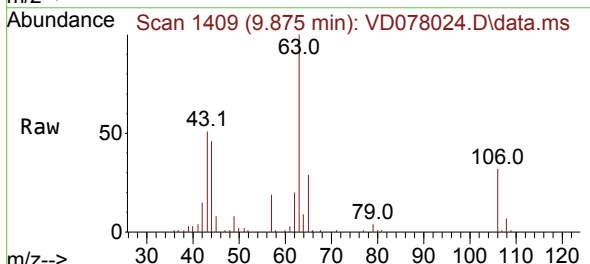
Instrument :
MSVOA_D
ClientSampleId :

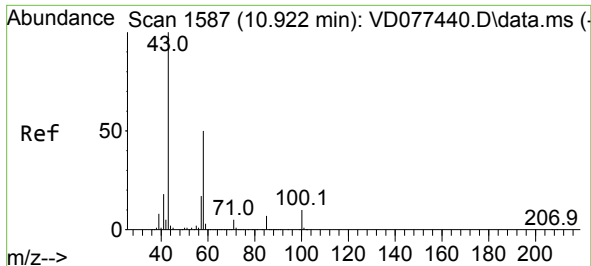
Tgt Ion: 76 Resp: 41269
Ion Ratio Lower Upper
76 100
78 34.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 80.026 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 63 Resp: 44249
Ion Ratio Lower Upper
63 100
106 28.9 25.3 37.9

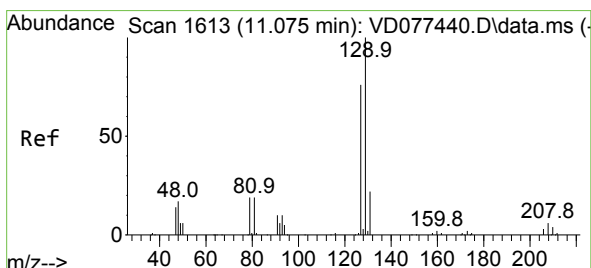
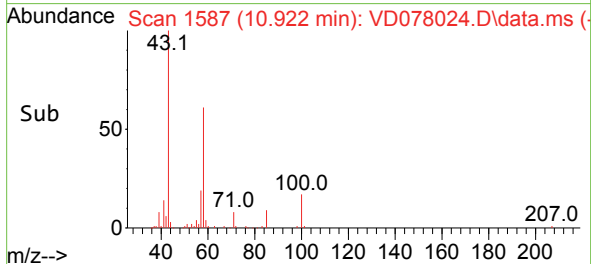
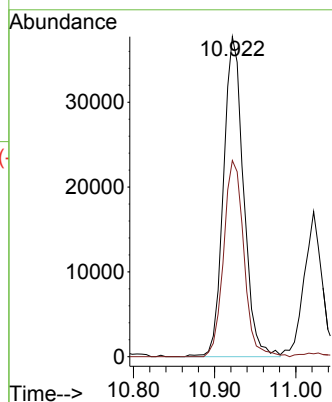
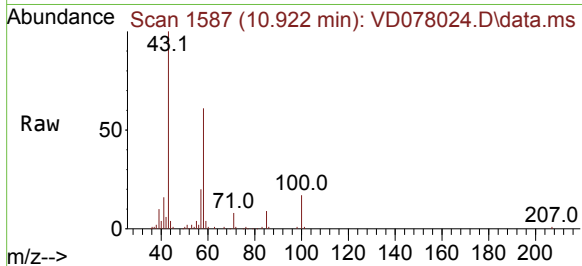




#59
2-Hexanone
Concen: 100.334 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

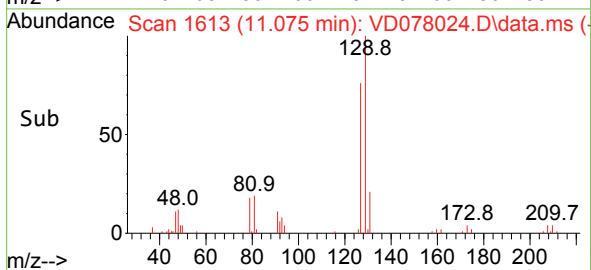
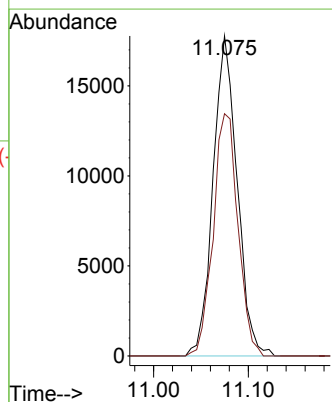
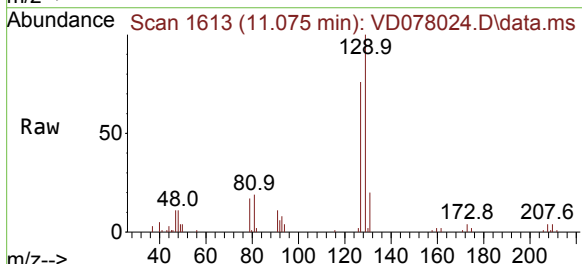
Instrument :
MSVOA_D
ClientSampleId :

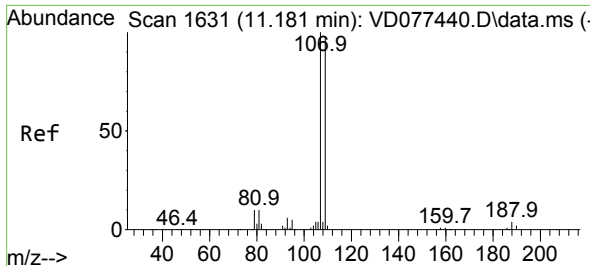
Tgt Ion: 43 Resp: 64860
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 23.719 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 129 Resp: 31410
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

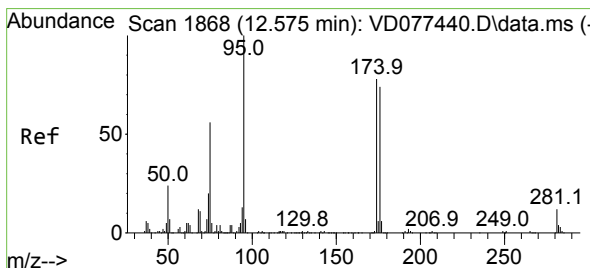
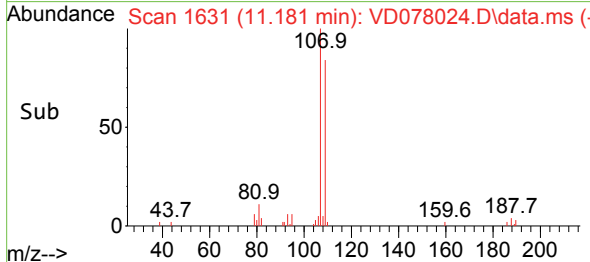
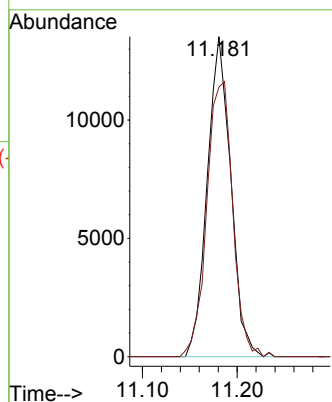
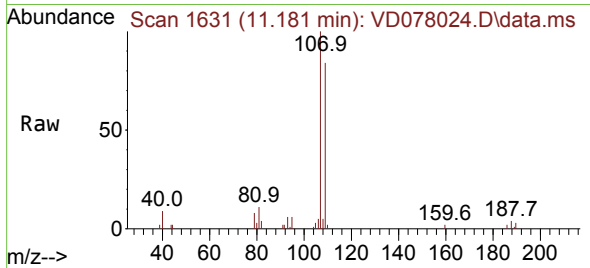




#61
1,2-Dibromoethane
Concen: 22.533 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

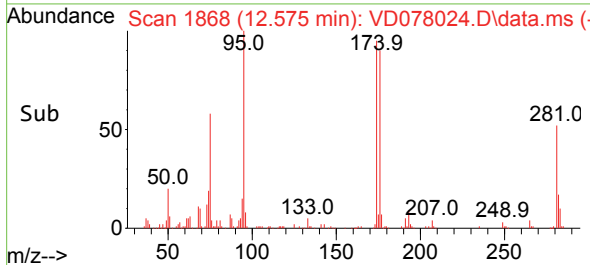
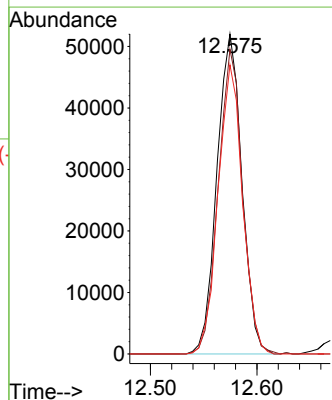
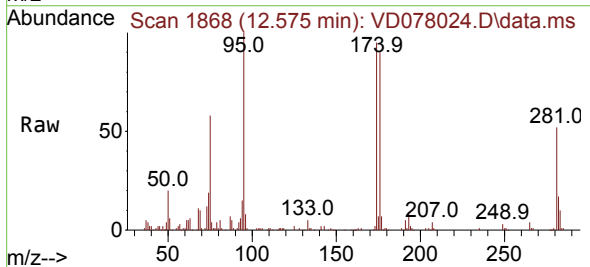
Instrument :
MSVOA_D
ClientSampleId :

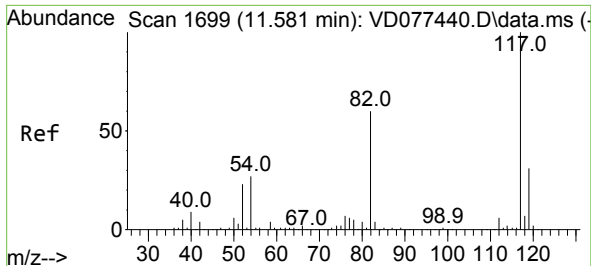
Tgt Ion:107 Resp: 23330
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.350 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 95 Resp: 84670
Ion Ratio Lower Upper
95 100
174 92.5 0.0 201.8
176 88.6 0.0 191.8

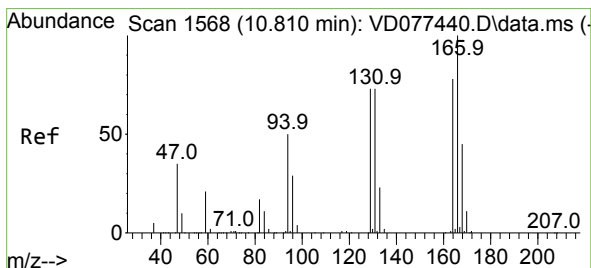
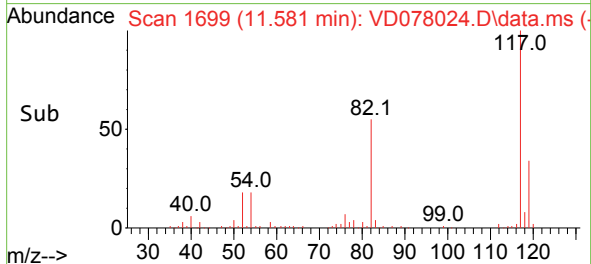
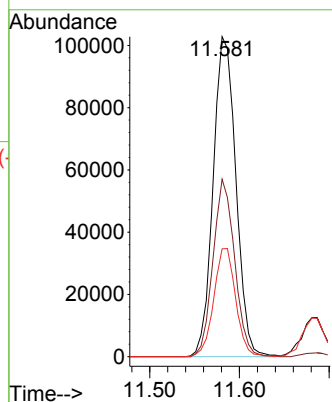
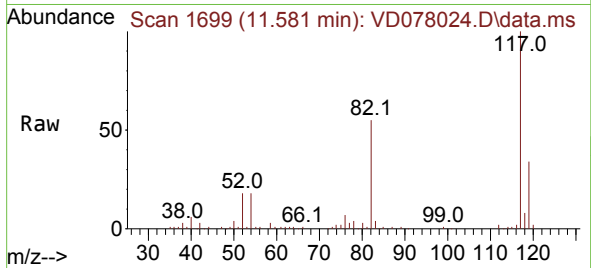




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

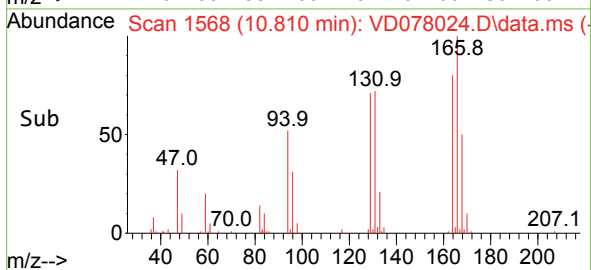
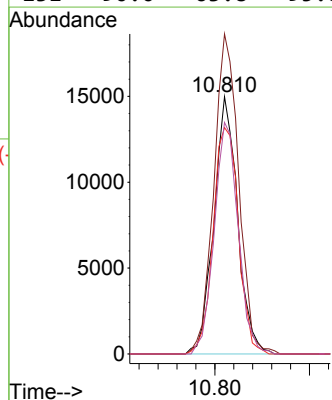
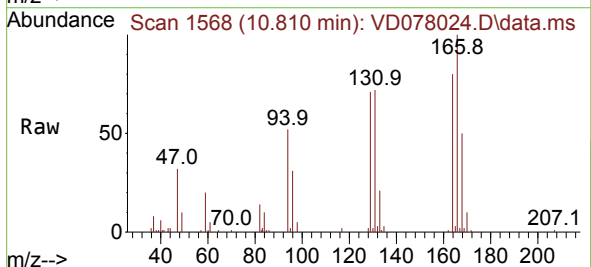
Instrument :
MSVOA_D
ClientSampleId :

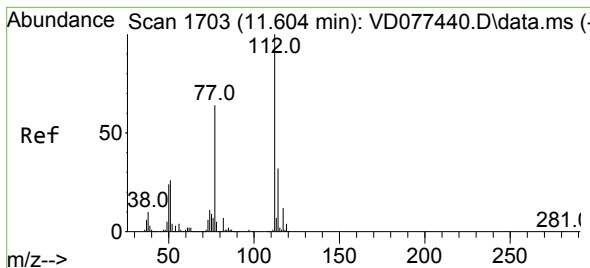
Tgt Ion:117 Resp: 181174
Ion Ratio Lower Upper
117 100
82 55.5 38.3 57.5
119 33.7 25.0 37.4



#64
Tetrachloroethene
Concen: 19.606 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:164 Resp: 26107
Ion Ratio Lower Upper
164 100
166 124.4 99.2 148.8
129 88.0 68.4 102.6
131 90.0 63.8 95.8





#65

Chlorobenzene

Concen: 19.717 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

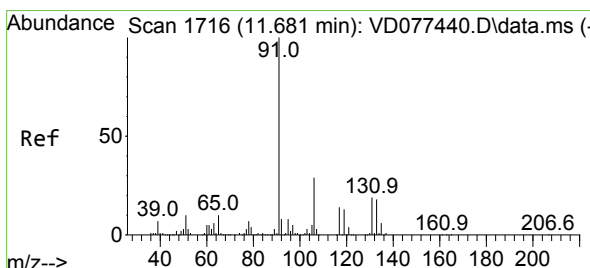
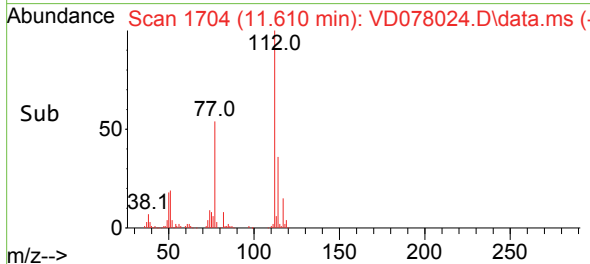
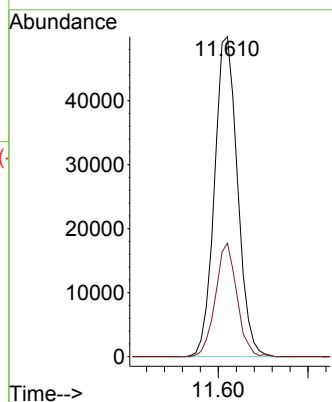
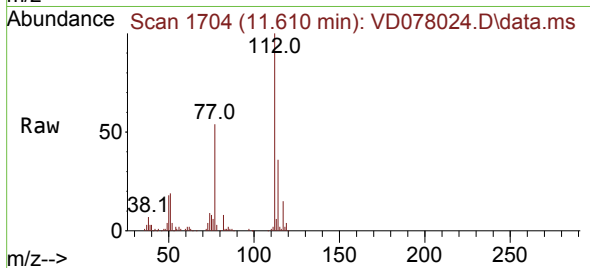
ClientSampleId :

Tgt Ion:112 Resp: 89013

Ion Ratio Lower Upper

112 100

114 35.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.983 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

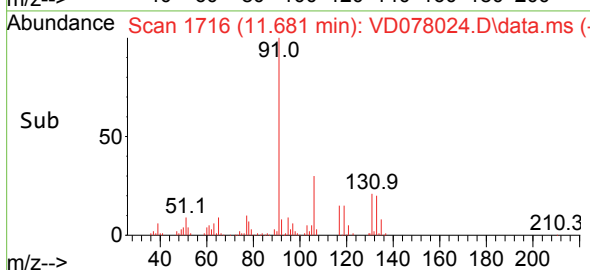
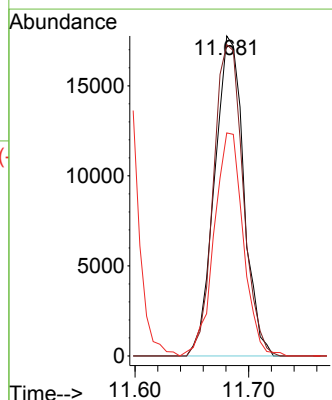
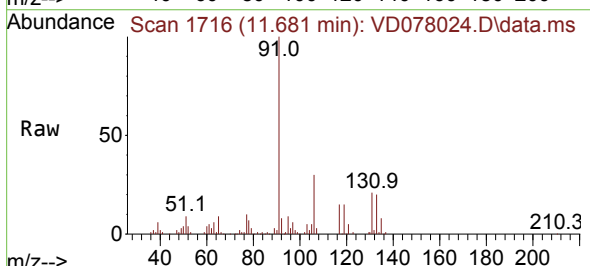
Tgt Ion:131 Resp: 31613

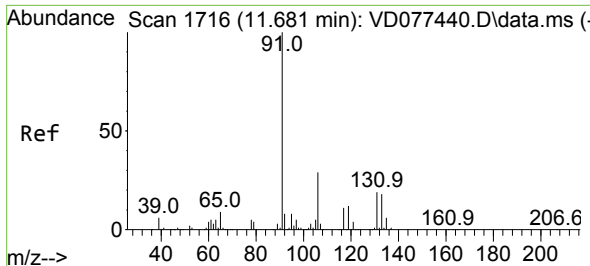
Ion Ratio Lower Upper

131 100

133 98.9 48.5 145.5

119 69.9 35.6 106.9

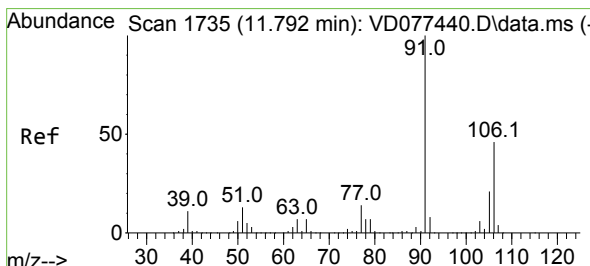
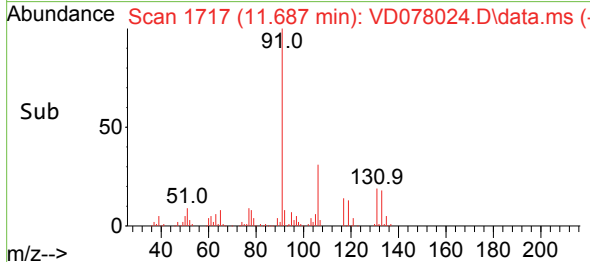
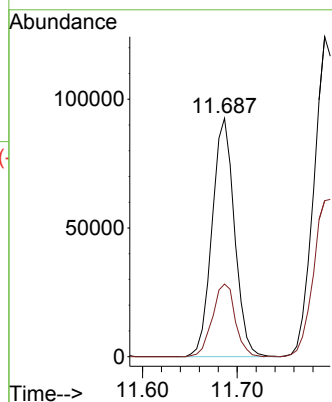
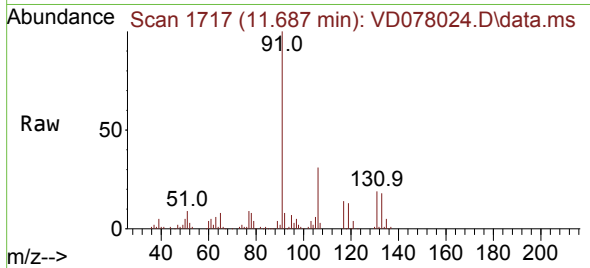




#67
Ethyl Benzene
Concen: 20.162 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

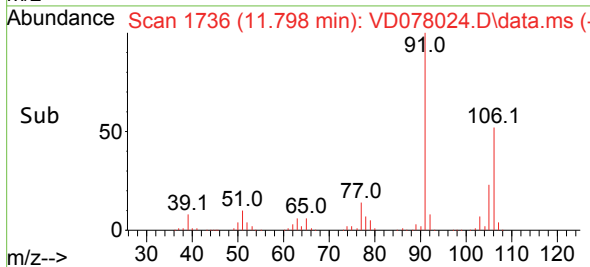
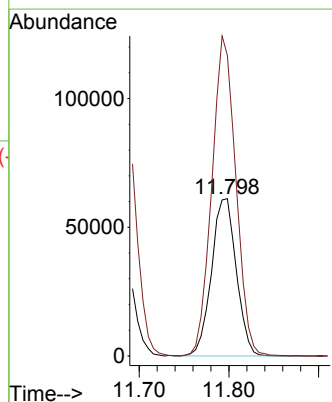
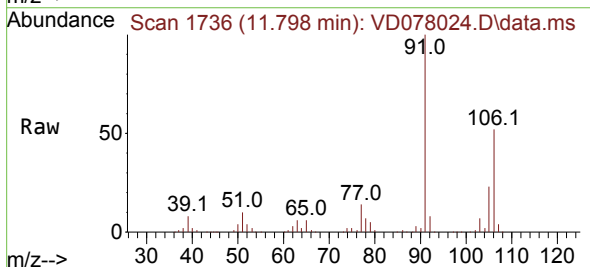
Instrument :
MSVOA_D
ClientSampleId :

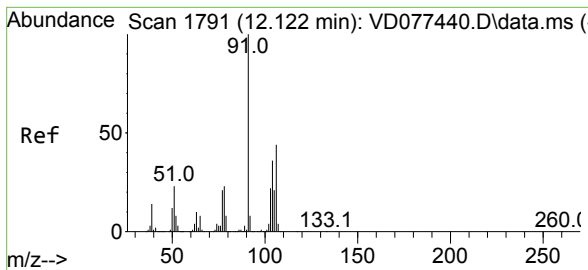
Tgt Ion: 91 Resp: 152081
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7



#68
m/p-Xylenes
Concen: 40.709 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:106 Resp: 117453
Ion Ratio Lower Upper
106 100
91 196.6 147.0 220.6

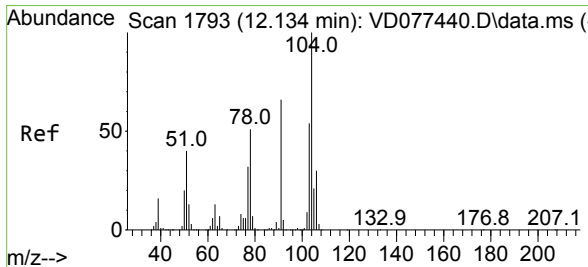
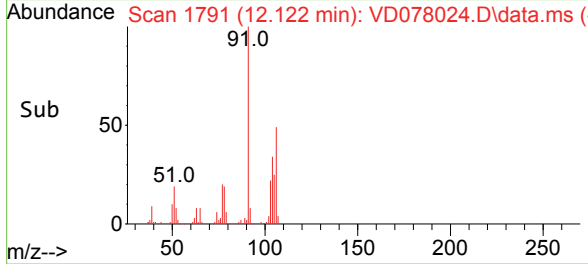
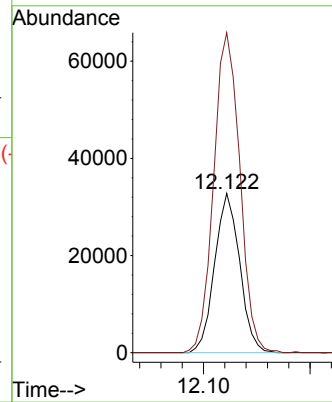
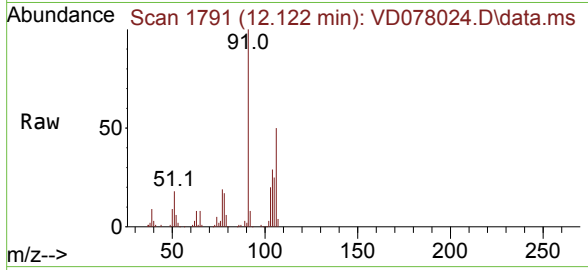




#69
o-Xylene
Concen: 20.113 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

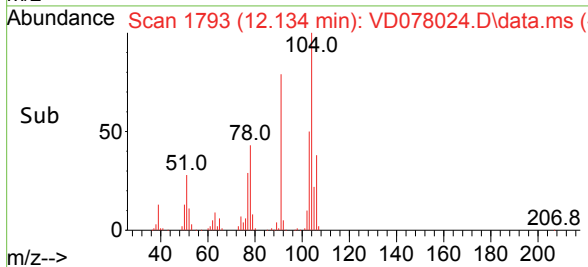
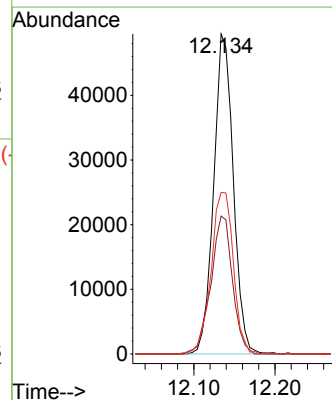
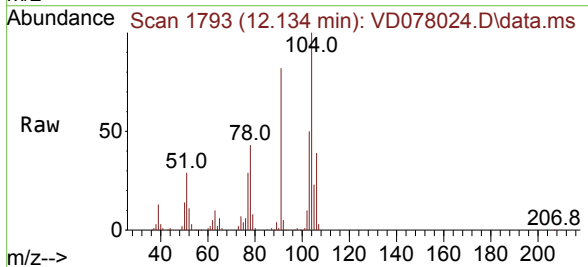
Instrument :
MSVOA_D
ClientSampleId :

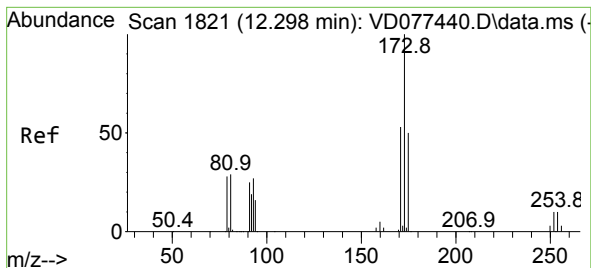
Tgt Ion:106 Resp: 53482
Ion Ratio Lower Upper
106 100
91 210.1 97.9 293.6



#70
Styrene
Concen: 21.001 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:104 Resp: 83035
Ion Ratio Lower Upper
104 100
78 47.4 33.2 49.8
103 57.3 43.6 65.4





#71

Bromoform

Concen: 21.505 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

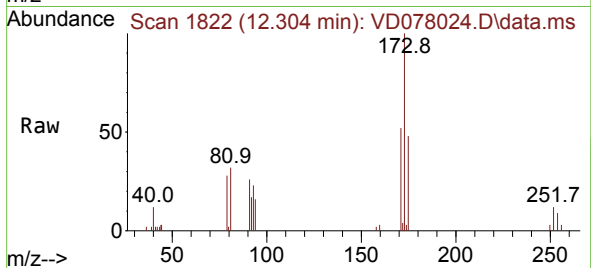
Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :



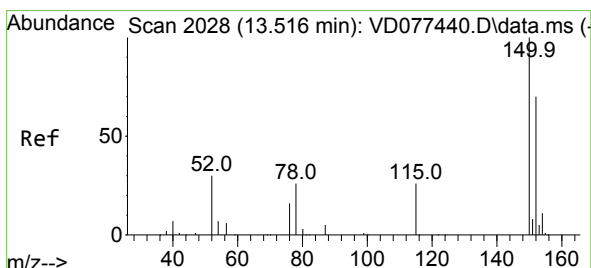
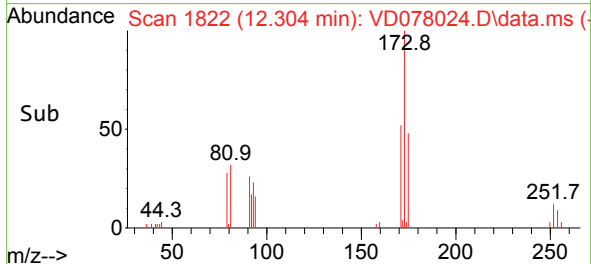
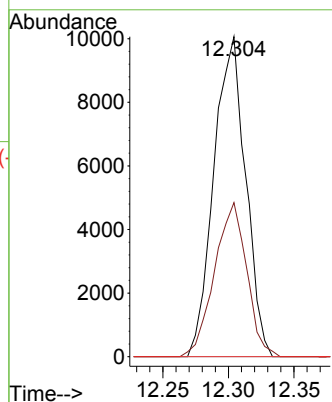
Tgt Ion:173 Resp: 16929

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

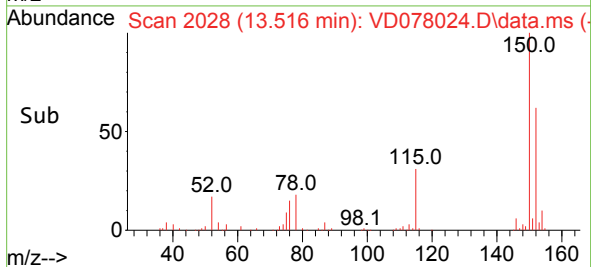
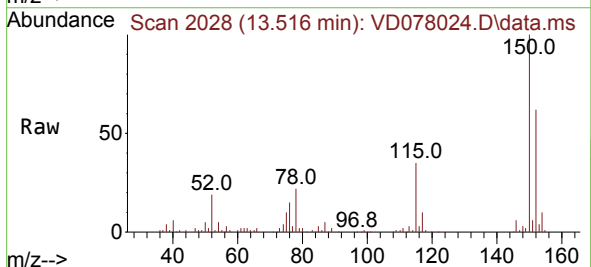
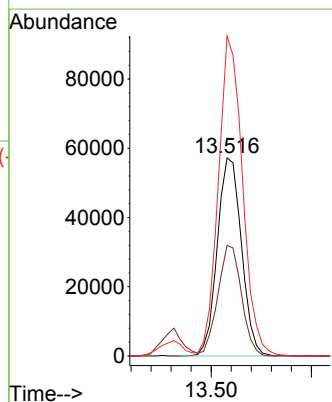
Tgt Ion:152 Resp: 95827

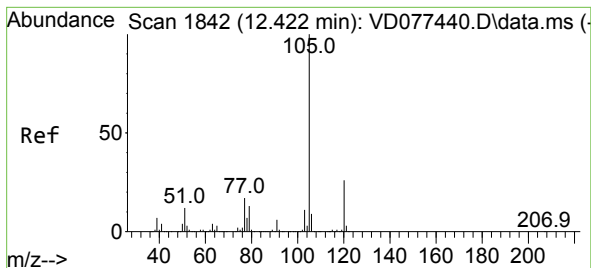
Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 161.5 0.0 353.6





#73

Isopropylbenzene

Concen: 20.054 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

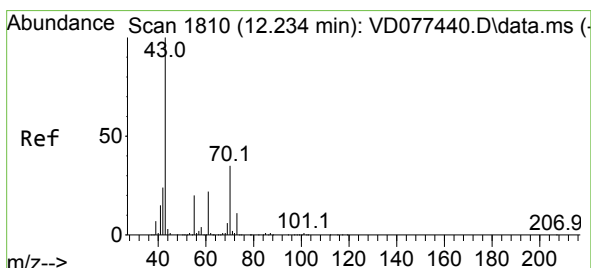
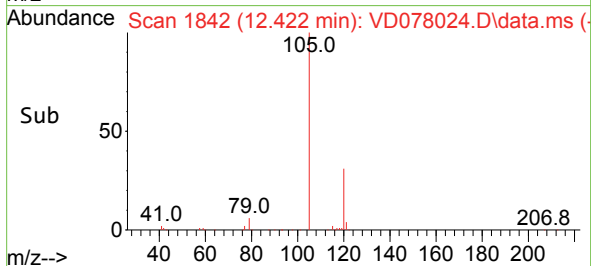
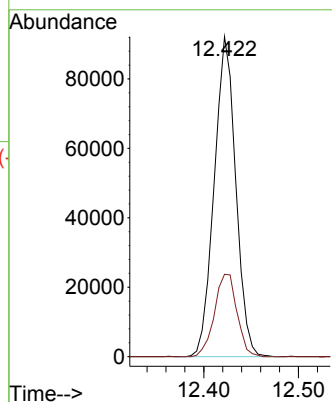
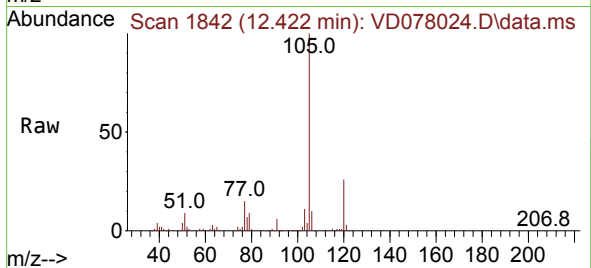
ClientSampleId :

Tgt Ion:105 Resp: 145646

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 19.152 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Tgt Ion: 43 Resp: 27342

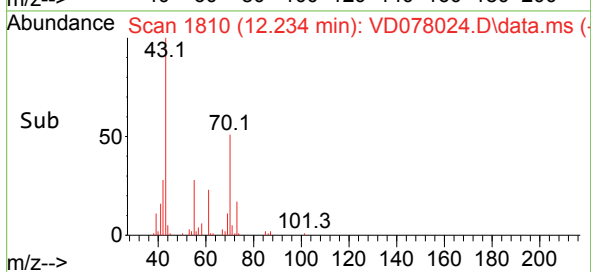
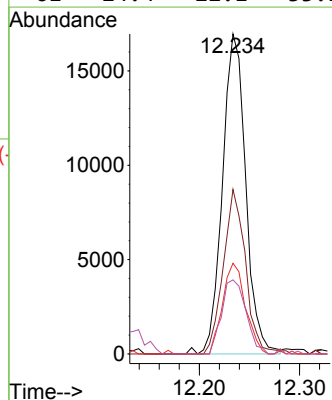
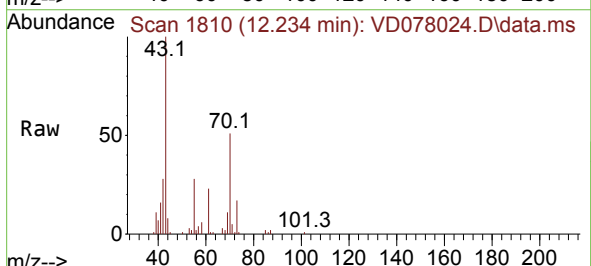
Ion Ratio Lower Upper

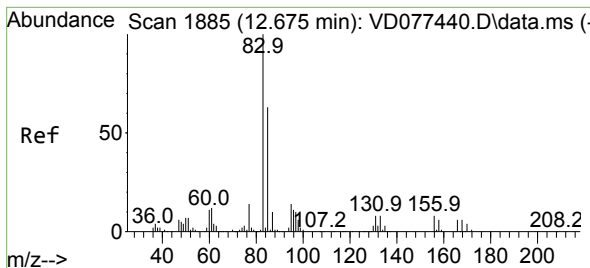
43 100

70 49.3 45.0 67.4

55 27.8 23.8 35.6

61 24.4 22.1 33.1

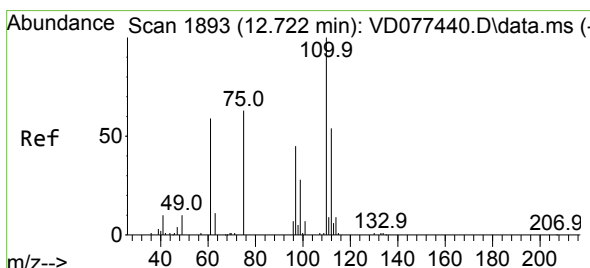
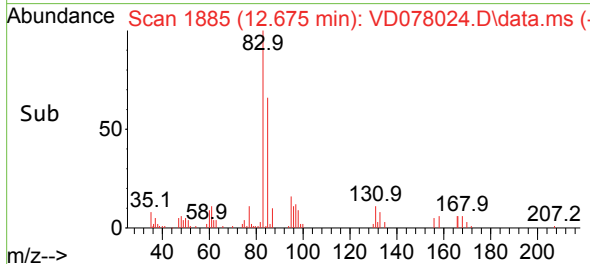
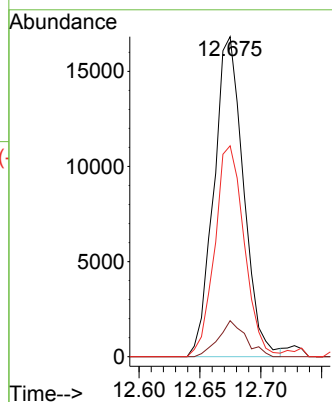
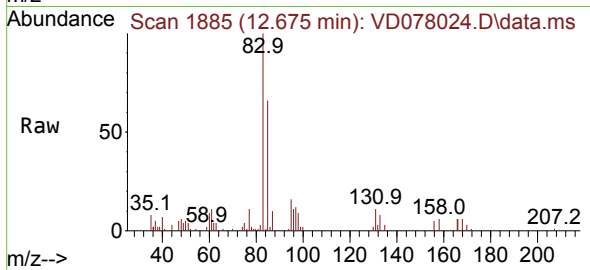




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.497 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

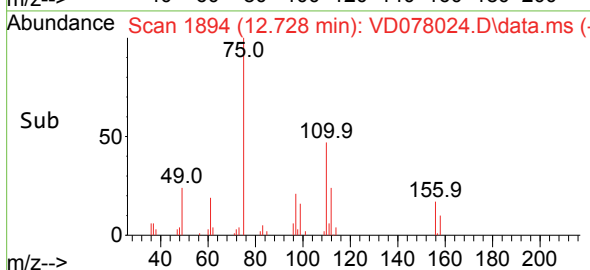
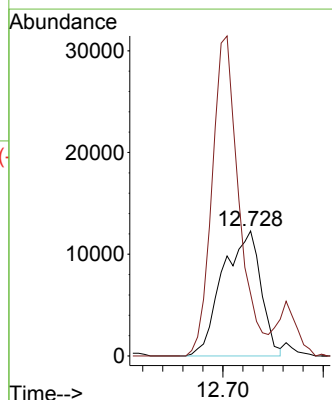
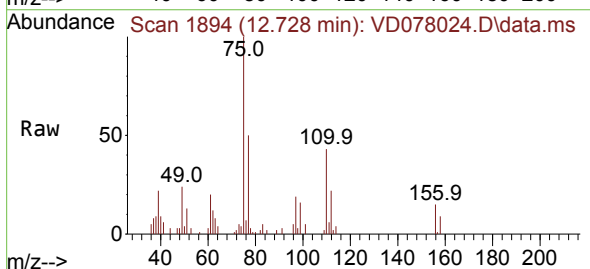
Instrument :
 MSVOA_D
 ClientSampleId :

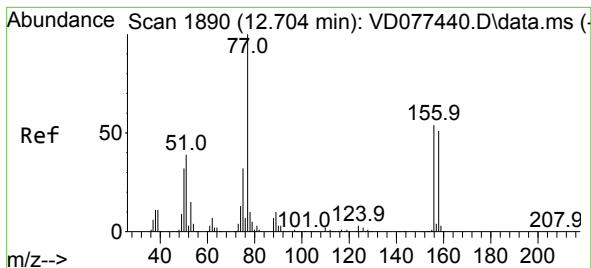
Tgt Ion: 83 Resp: 28489
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.3
 85 65.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 39.161 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

Tgt Ion: 75 Resp: 32592
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.592 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

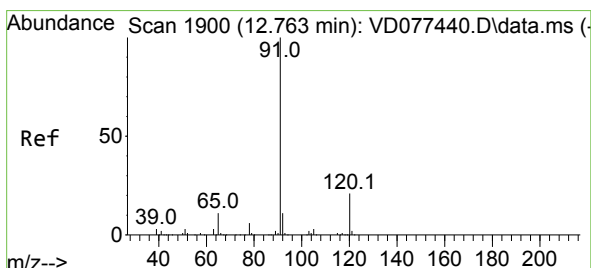
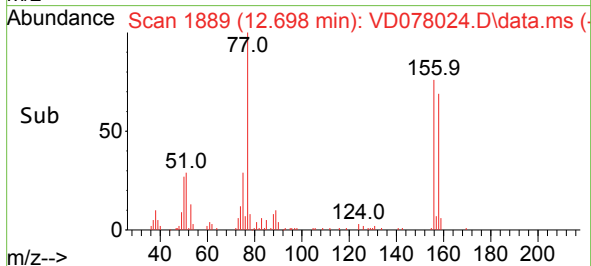
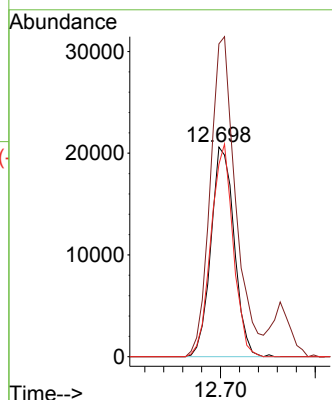
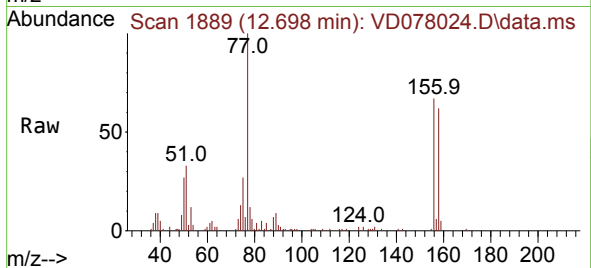
Tgt Ion:156 Resp: 35177

Ion Ratio Lower Upper

156 100

77 167.0 76.8 230.4

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 20.787 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078024.D

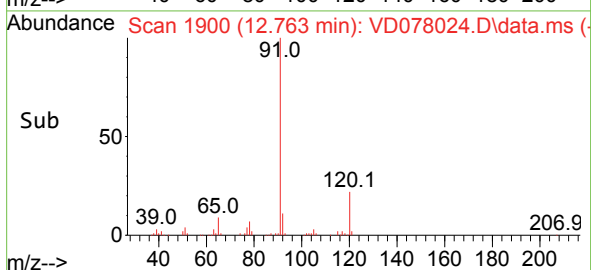
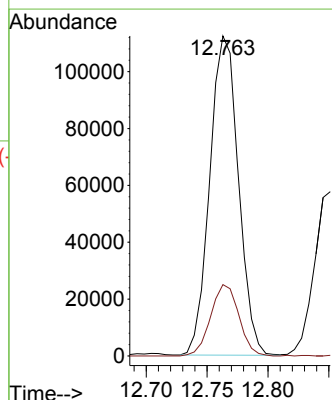
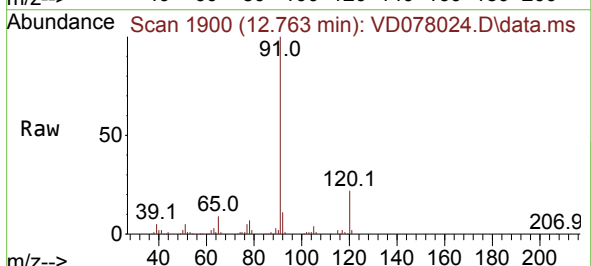
Acq: 21 Dec 2023 14:10

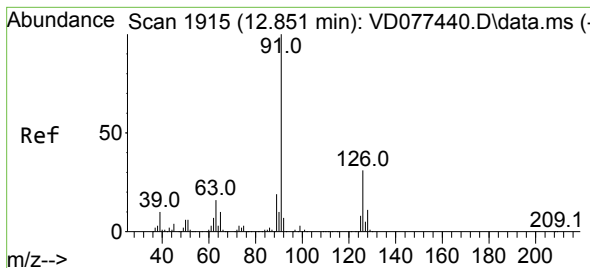
Tgt Ion: 91 Resp: 183962

Ion Ratio Lower Upper

91 100

120 22.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.822 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078024.D

Acq: 21 Dec 2023 14:10

Instrument :

MSVOA_D

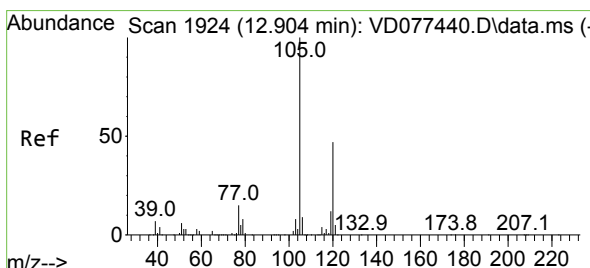
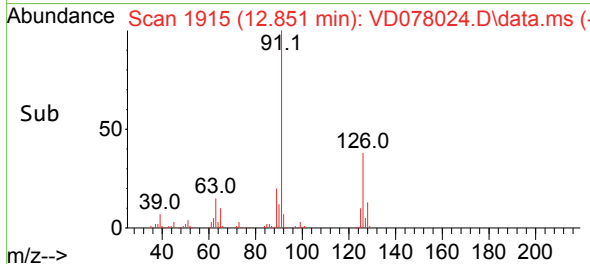
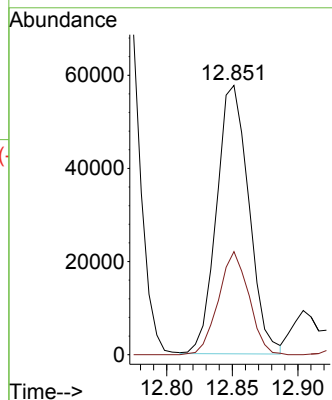
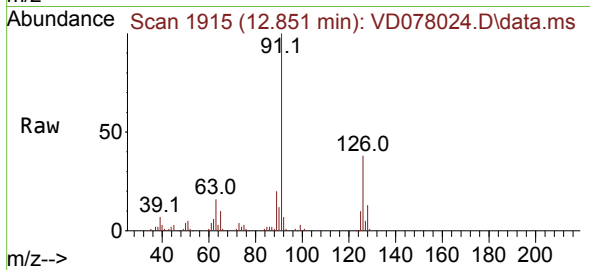
ClientSampleId :

Tgt Ion: 91 Resp: 98753

Ion Ratio Lower Upper

91 100

126 36.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.926 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078024.D

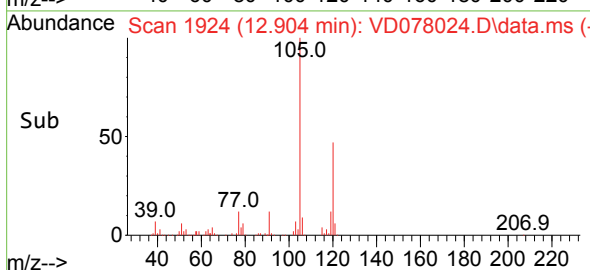
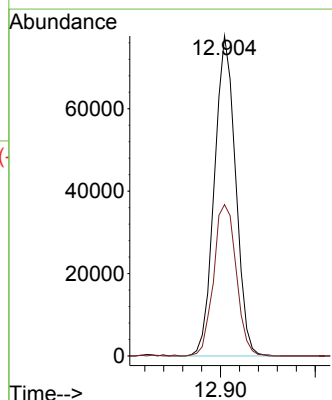
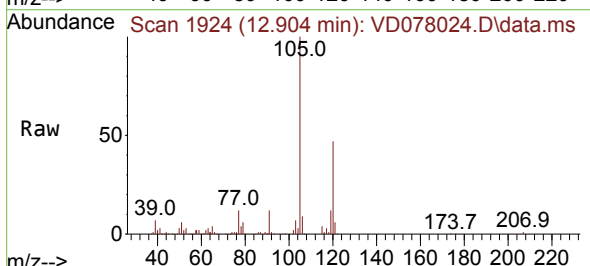
Acq: 21 Dec 2023 14:10

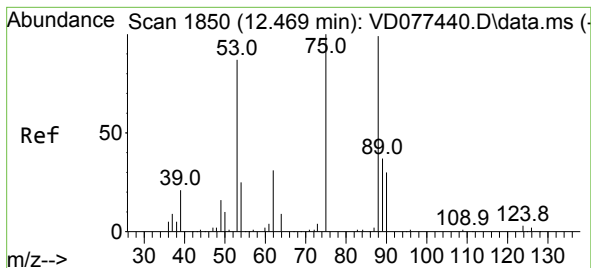
Tgt Ion:105 Resp: 120704

Ion Ratio Lower Upper

105 100

120 50.6 26.4 79.2

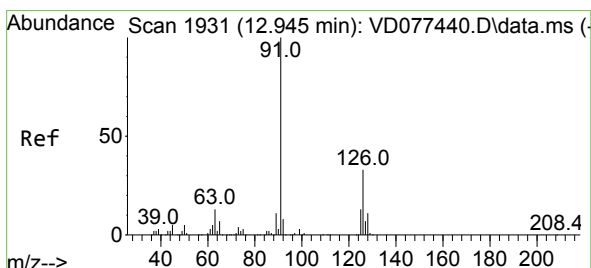
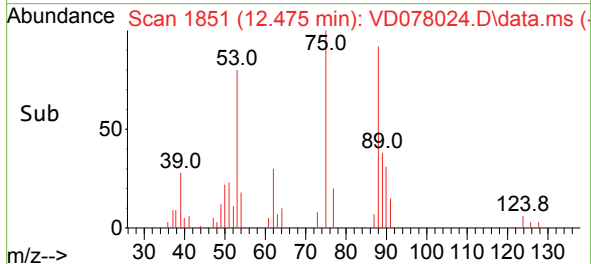
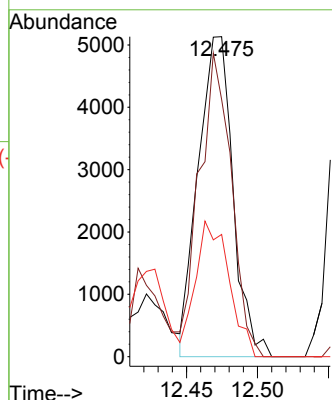
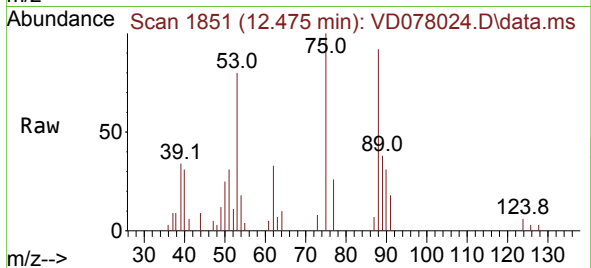




#81
trans-1,4-Dichloro-2-butene
Concen: 21.250 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

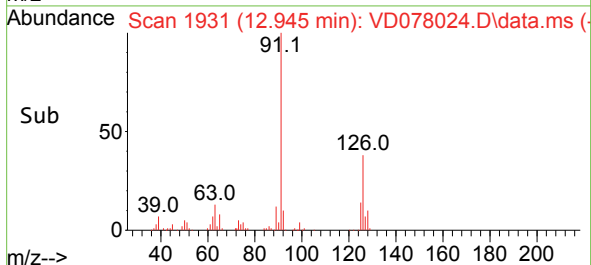
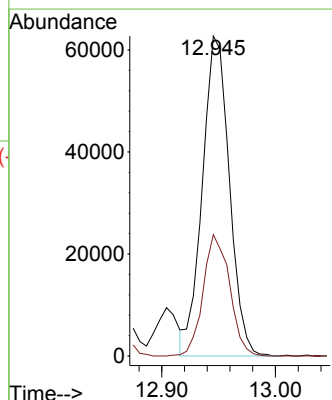
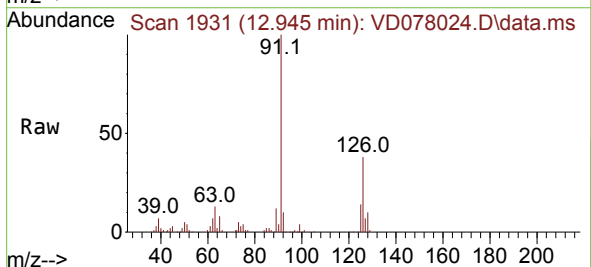
Instrument :
MSVOA_D
ClientSampleId :

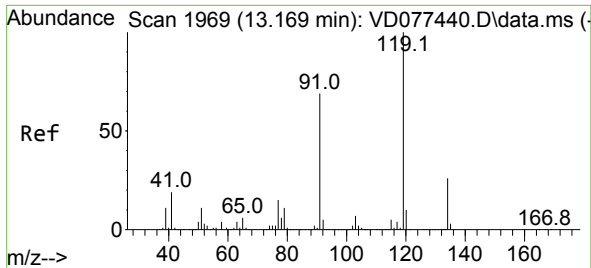
Tgt Ion: 75 Resp: 8729
Ion Ratio Lower Upper
75 100
53 88.7 63.0 94.4
89 40.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.898 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion: 91 Resp: 103618
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.4

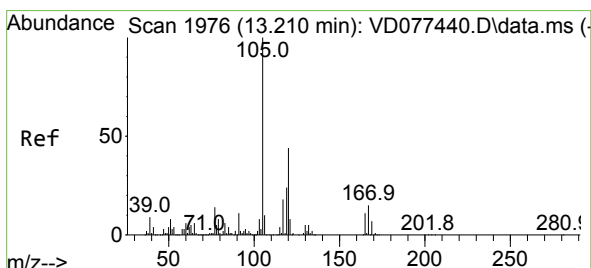
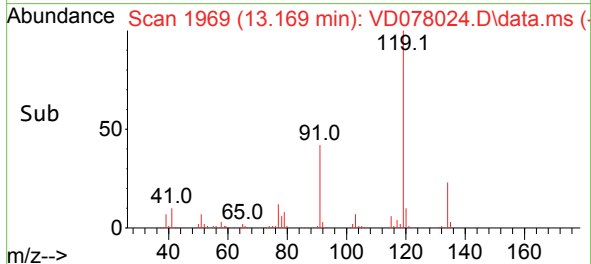
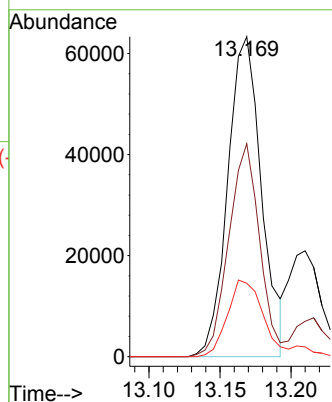
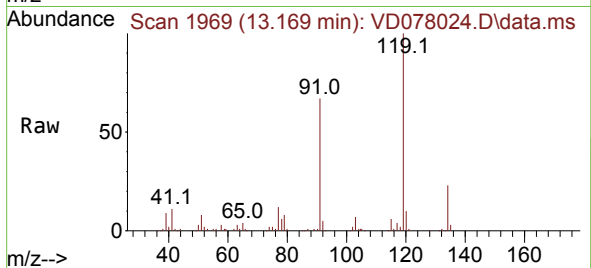




#83
tert-Butylbenzene
Concen: 20.480 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

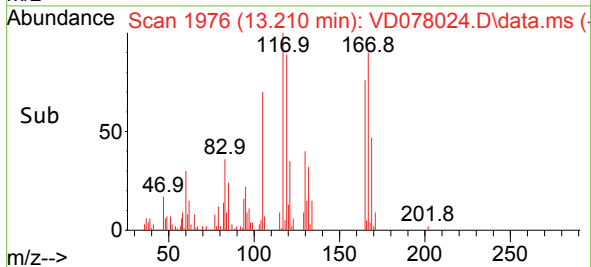
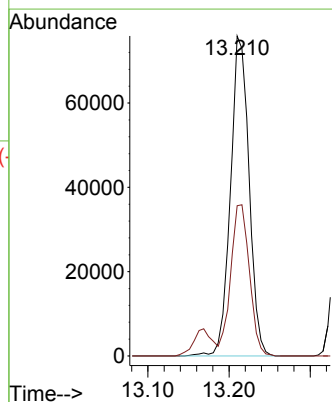
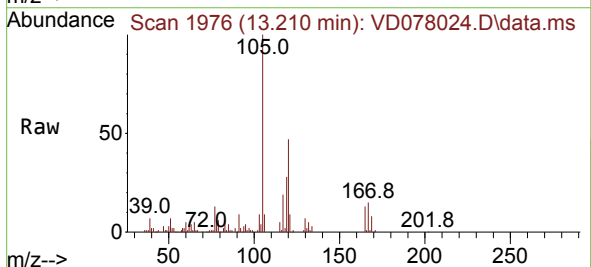
Instrument :
MSVOA_D
ClientSampleId :

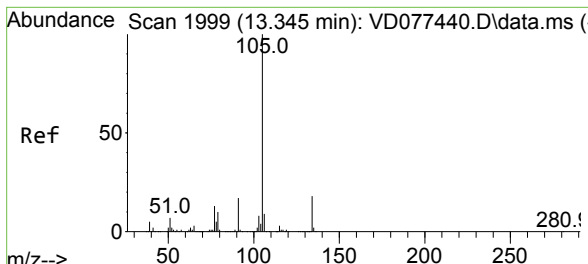
Tgt Ion:119 Resp: 104732
Ion Ratio Lower Upper
119 100
91 60.9 29.3 87.8
134 25.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.886 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:105 Resp: 120480
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.9

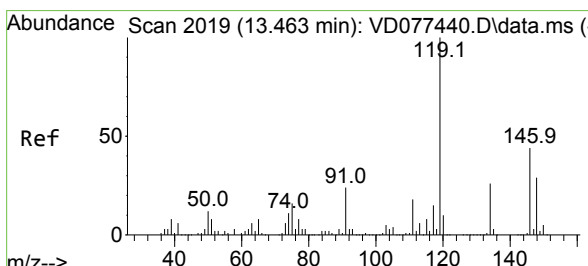
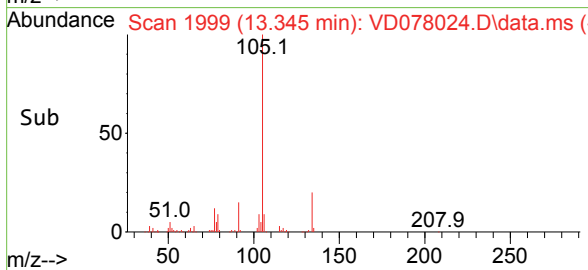
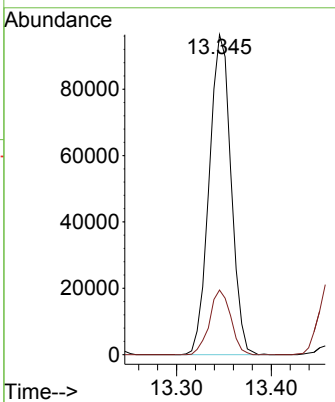
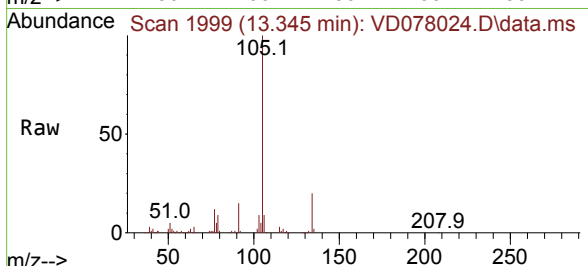




#85
 sec-Butylbenzene
 Concen: 20.416 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

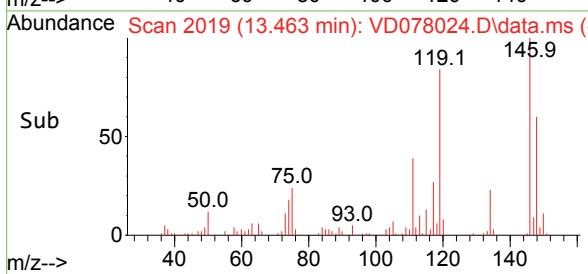
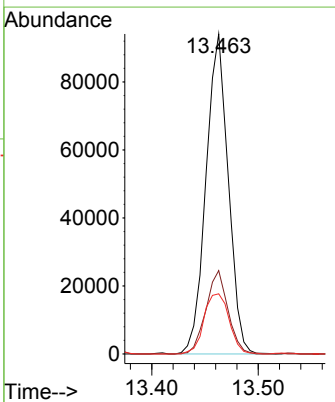
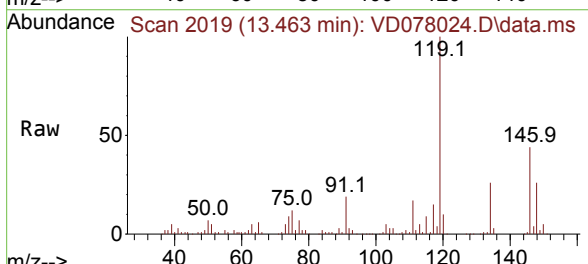
Instrument :
 MSVOA_D
 ClientSampleId :

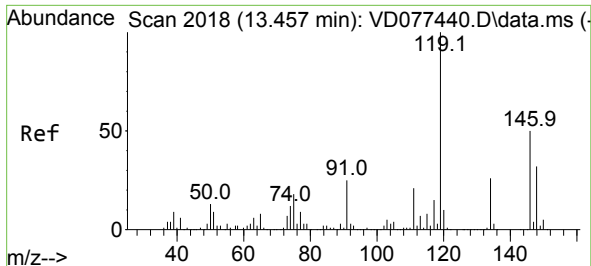
Tgt Ion:	105	Resp:	154327
Ion Ratio	Lower	Upper	
105	100		
134	19.7	10.9	32.9



#86
 p-Isopropyltoluene
 Concen: 20.179 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

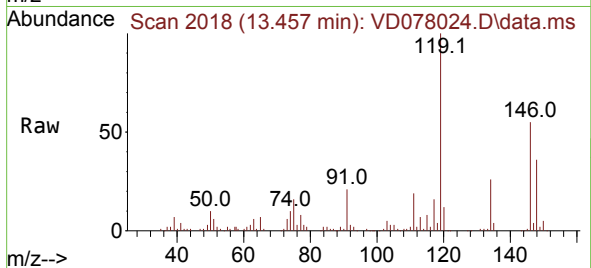
Tgt Ion:	119	Resp:	136571
Ion Ratio	Lower	Upper	
119	100		
134	25.7	14.2	42.6
91	21.4	10.5	31.5



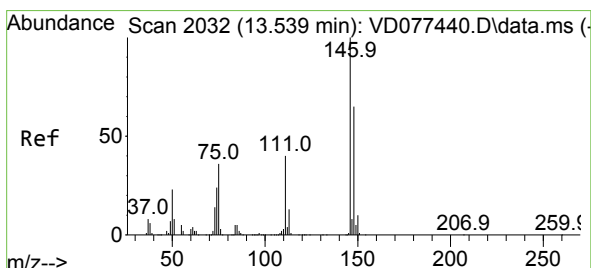
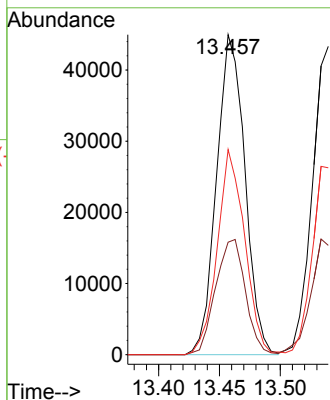
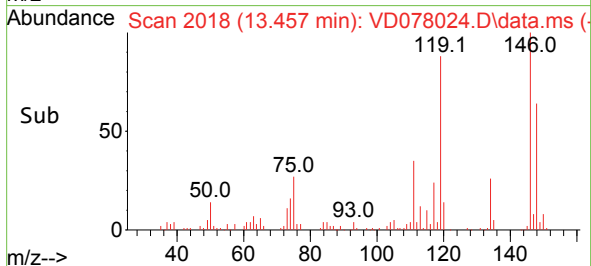


#87
 1,3-Dichlorobenzene
 Concen: 20.907 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

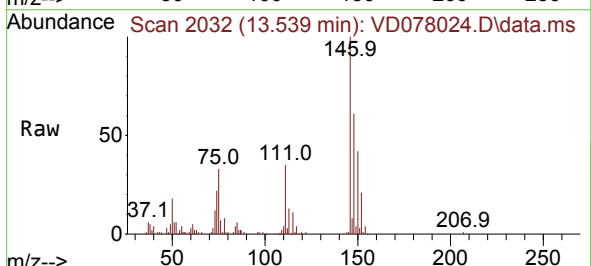
Instrument :
 MSVOA_D
 ClientSampleId :



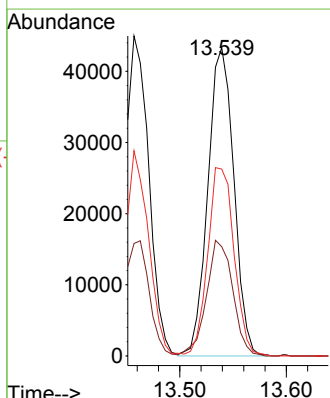
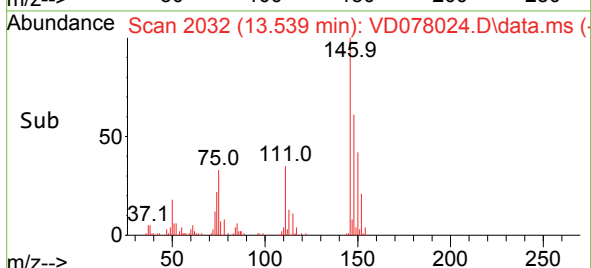
Tgt Ion:146 Resp: 73039
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 62.2 32.3 96.8

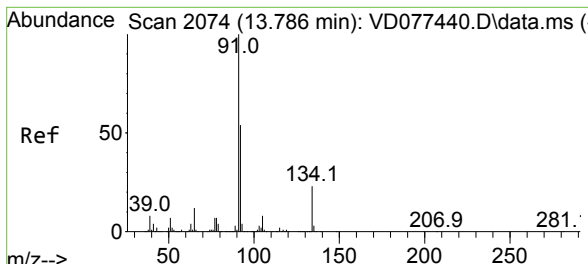


#88
 1,4-Dichlorobenzene
 Concen: 20.137 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10



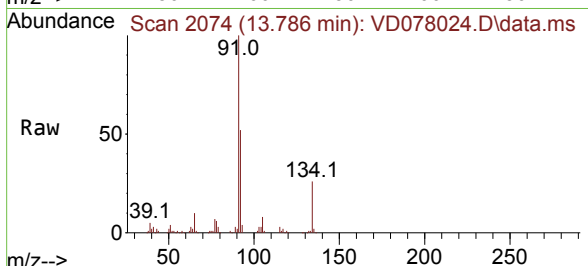
Tgt Ion:146 Resp: 73561
 Ion Ratio Lower Upper
 146 100
 111 37.9 17.4 52.3
 148 61.9 31.7 95.1



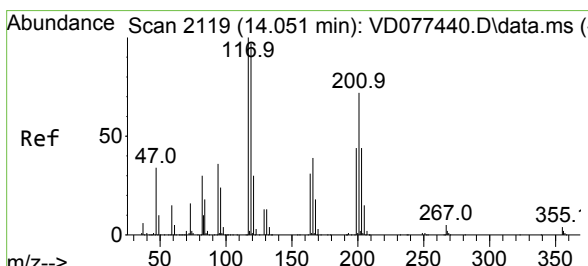
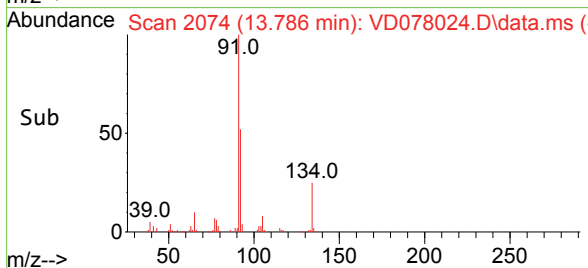
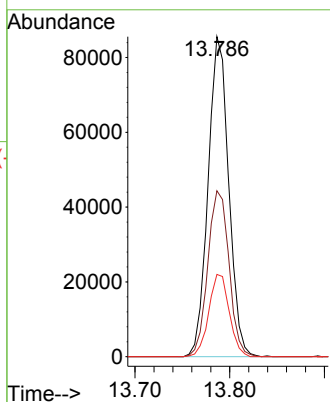


#89
 n-Butylbenzene
 Concen: 20.270 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

Instrument :
 MSVOA_D
 ClientSampleId :

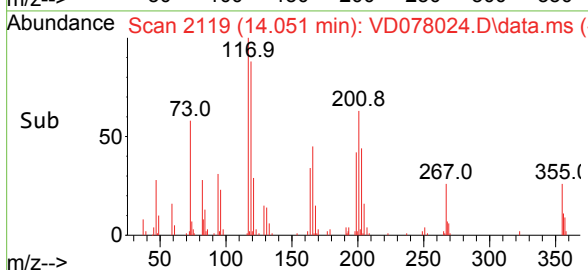
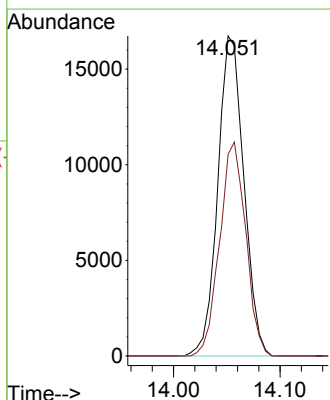
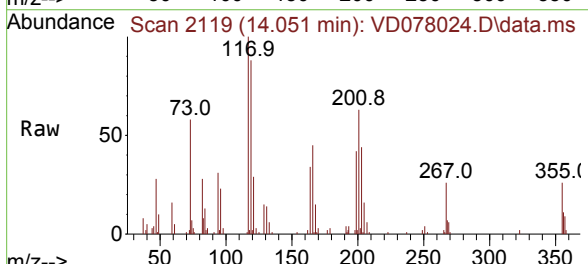


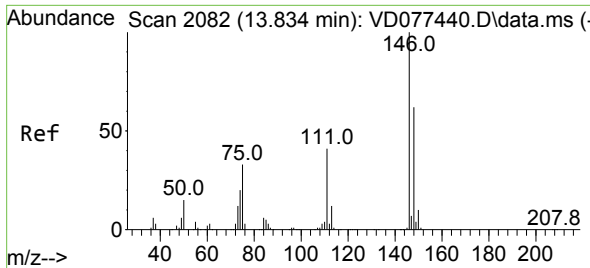
Tgt Ion:	91	Resp:	129087
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	25.6	13.8	41.3



#90
 Hexachloroethane
 Concen: 22.829 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

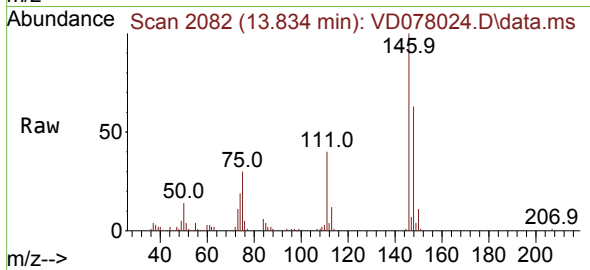
Tgt Ion:	117	Resp:	28414
Ion	Ratio	Lower	Upper
117	100		
201	67.0	38.5	115.5



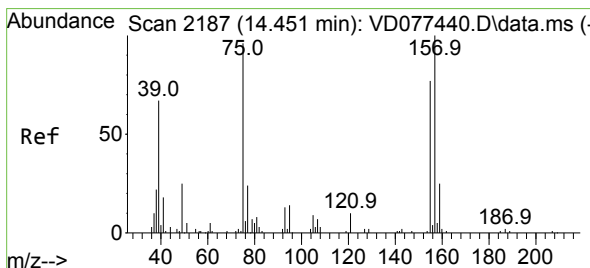
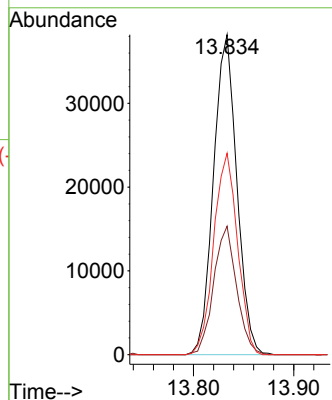
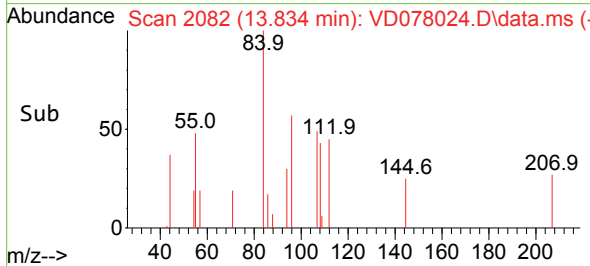


#91
 1,2-Dichlorobenzene
 Concen: 20.796 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

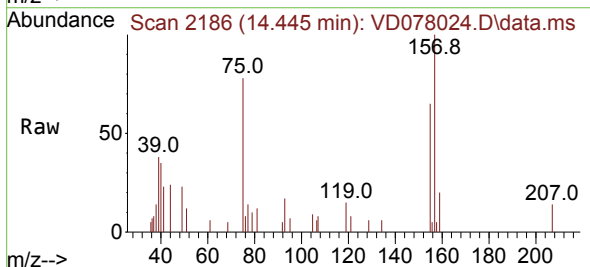
Instrument :
 MSVOA_D
 ClientSampleId :



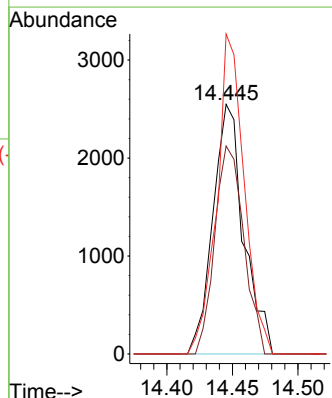
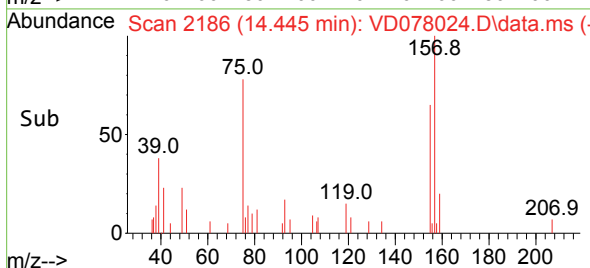
Tgt Ion:146 Resp: 61789
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.3 54.8
 148 64.2 31.6 94.7

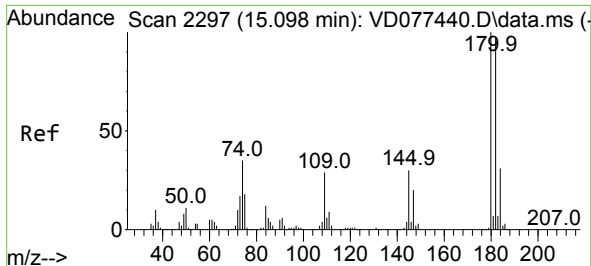


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.153 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10



Tgt Ion: 75 Resp: 4164
 Ion Ratio Lower Upper
 75 100
 155 78.3 47.9 143.8
 157 113.6 59.9 179.7

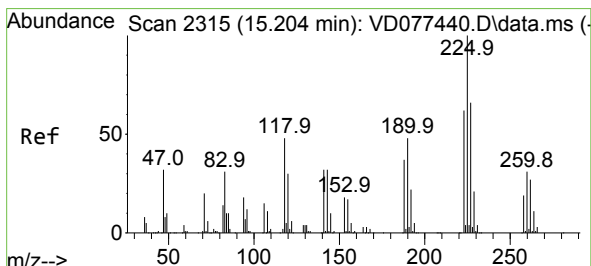
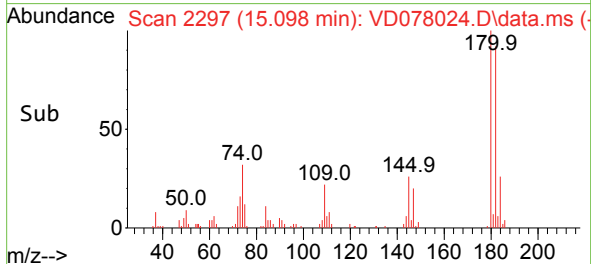
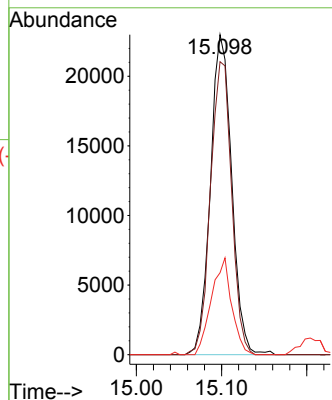
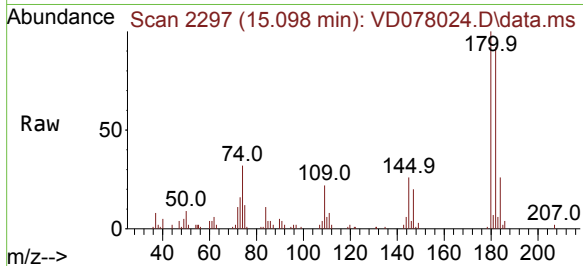




#93
 1,2,4-Trichlorobenzene
 Concen: 19.617 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

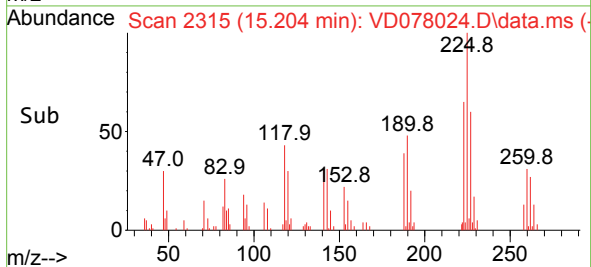
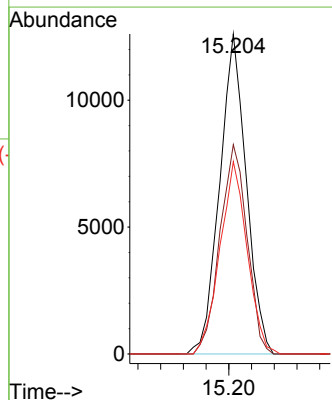
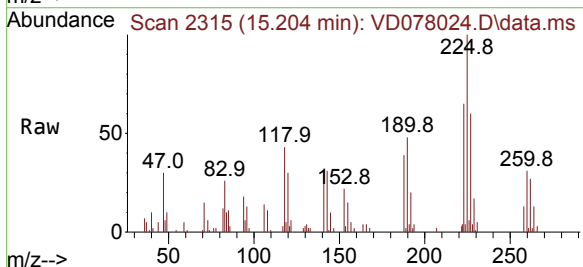
Instrument :
 MSVOA_D
 ClientSampleId :

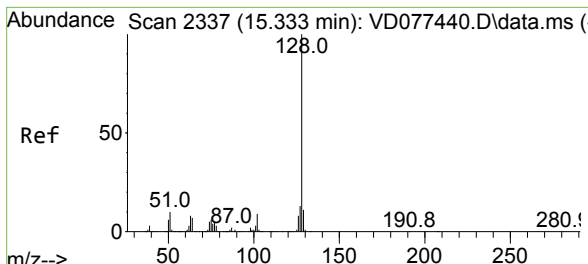
Tgt Ion:180 Resp: 39811
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.5 145.6
 145 28.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 18.743 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078024.D
 Acq: 21 Dec 2023 14:10

Tgt Ion:225 Resp: 20512
 Ion Ratio Lower Upper
 225 100
 223 66.7 31.6 94.8
 227 61.6 31.7 95.1

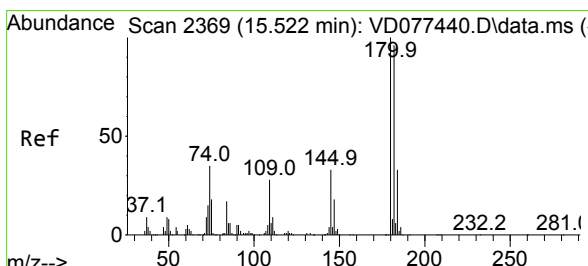
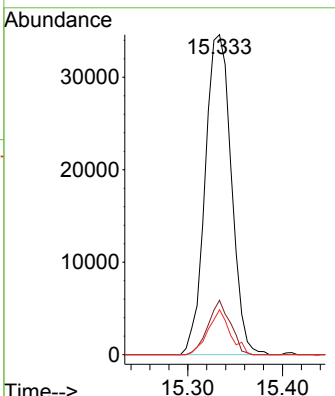
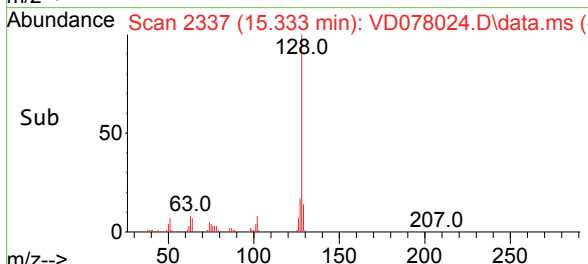
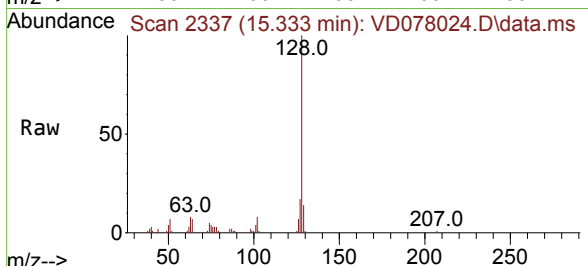




#95
Naphthalene
Concen: 19.696 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	66415
Ion Ratio	Lower	Upper	
128	100		
127	17.0	10.5	15.7#
129	14.0	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 19.714 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078024.D
Acq: 21 Dec 2023 14:10

Tgt Ion:	180	Resp:	32984
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.3	141.9
145	30.1	15.1	45.3

