

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078021.D
 Acq On : 21 Dec 2023 12:12
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:10:48 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	7.875	168	144391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	225928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	123570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	76398	44.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.800%
35) Dibromofluoromethane	7.804	113	86050	51.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.269	98	320740	47.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.574	95	98775	48.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	74847	41.497	ug/l	98
3) Chloromethane	2.151	50	116565	47.412	ug/l	99
4) Vinyl Chloride	2.293	62	171471	51.375	ug/l	98
5) Bromomethane	2.698	94	128830	68.790	ug/l	97
6) Chloroethane	2.846	64	126507	55.596	ug/l	95
7) Trichlorofluoromethane	3.187	101	156735	50.989	ug/l	97
8) Diethyl Ether	3.598	74	45736	52.987	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	95082	54.069	ug/l	98
10) Methyl Iodide	4.169	142	96517	60.921	ug/l	90
11) Tert butyl alcohol	5.057	59	23614	290.009	ug/l	95
12) 1,1-Dichloroethene	3.951	96	89800	51.739	ug/l	87
13) Acrolein	3.804	56	21067	117.051	ug/l	99
14) Allyl chloride	4.569	41	113882	47.708	ug/l	90
15) Acrylonitrile	5.263	53	94219	254.944	ug/l	97
16) Acetone	4.022	43	92560	251.966	ug/l	91
17) Carbon Disulfide	4.275	76	243109	41.402	ug/l	100
18) Methyl Acetate	4.563	43	76858	57.358	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	204197	55.452	ug/l	97
20) Methylene Chloride	4.804	84	109941	55.051	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	107103	54.481	ug/l	96
22) Diisopropyl ether	6.216	45	256797	51.479	ug/l	95
23) Vinyl Acetate	6.157	43	591657	242.879	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	175905	52.072	ug/l	96
25) 2-Butanone	7.087	43	118882	254.452	ug/l	90
26) 2,2-Dichloropropane	7.087	77	150035	52.899	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	121788	57.574	ug/l	94
28) Bromochloromethane	7.428	49	54131	39.656	ug/l	82
29) Tetrahydrofuran	7.445	42	68595	253.176	ug/l	93
30) Chloroform	7.598	83	190084	56.223	ug/l	95
31) Cyclohexane	7.881	56	137785	45.529	ug/l	93
32) 1,1,1-Trichloroethane	7.798	97	162522	54.529	ug/l	98
36) 1,1-Dichloropropene	8.010	75	141088	52.372	ug/l	96
37) Ethyl Acetate	7.169	43	48234	45.918	ug/l #	91
38) Carbon Tetrachloride	7.998	117	142578	53.087	ug/l	98
39) Methylcyclohexane	9.275	83	165422	51.796	ug/l	95
40) Benzene	8.251	78	411783	53.855	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	28692	53.740	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	108710	54.850	ug/l	95
43) Isopropyl Acetate	8.363	43	93898	50.286	ug/l	94
44) Trichloroethene	9.028	130	109504	54.956	ug/l	95
45) 1,2-Dichloropropane	9.304	63	103123	55.480	ug/l	98
46) Dibromomethane	9.398	93	56010	56.951	ug/l	93
47) Bromodichloromethane	9.586	83	145292	58.285	ug/l	99
48) Methyl methacrylate	9.380	41	55575	52.357	ug/l #	79
49) 1,4-Dioxane	9.386	88	10470	1072.120	ug/l #	73
51) 4-Methyl-2-Pentanone	10.163	43	249790	262.111	ug/l	93
52) Toluene	10.339	92	261399	55.114	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	134730	56.282	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	164294	56.766	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	77536	57.637	ug/l	95
56) Ethyl methacrylate	10.598	69	66080	55.722	ug/l	92
57) 1,3-Dichloropropane	10.880	76	131838	56.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	138858	205.326	ug/l	94
59) 2-Hexanone	10.922	43	178880	226.245	ug/l	94
60) Dibromochloromethane	11.075	129	96884	59.818	ug/l	94
61) 1,2-Dibromoethane	11.180	107	72845	57.524	ug/l	100
64) Tetrachloroethene	10.810	164	85974	51.774	ug/l	92
65) Chlorobenzene	11.610	112	285761	53.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.686	131	108026	57.499	ug/l	97
67) Ethyl Benzene	11.686	91	521175	55.408	ug/l	94
68) m/p-Xylenes	11.798	106	413351	114.888	ug/l	95
69) o-Xylene	12.122	106	191488	57.749	ug/l	96
70) Styrene	12.133	104	289301	58.675	ug/l	96
71) Bromoform	12.304	173	55760	56.802	ug/l #	99
73) Isopropylbenzene	12.422	105	507717	54.211	ug/l	97
74) N-amyl acetate	12.233	43	86279	46.866	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.674	83	87421	53.534	ug/l	97
76) 1,2,3-Trichloropropane	12.721	75	110471	102.935	ug/l #	100
77) Bromobenzene	12.704	156	118434	53.763	ug/l	93
78) n-propylbenzene	12.763	91	612451	53.666	ug/l	97
79) 2-Chlorotoluene	12.851	91	330386	54.021	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	423625	54.233	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	28291	53.409	ug/l	96
82) 4-Chlorotoluene	12.951	91	345565	54.048	ug/l	96
83) tert-Butylbenzene	13.169	119	369780	56.074	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	436127	55.823	ug/l	97
85) sec-Butylbenzene	13.345	105	545097	55.921	ug/l	97
86) p-Isopropyltoluene	13.463	119	494613	56.674	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	250256	55.552	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	243372	54.262	ug/l	99
89) n-Butylbenzene	13.786	91	463335	56.422	ug/l	98
90) Hexachloroethane	14.057	117	96026	59.829	ug/l	93
91) 1,2-Dichlorobenzene	13.833	146	212087	55.356	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12909	54.663	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	137608	52.582	ug/l	97
94) Hexachlorobutadiene	15.204	225	73975	52.420	ug/l	99
95) Naphthalene	15.333	128	245982	56.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	118082	54.731	ug/l	99

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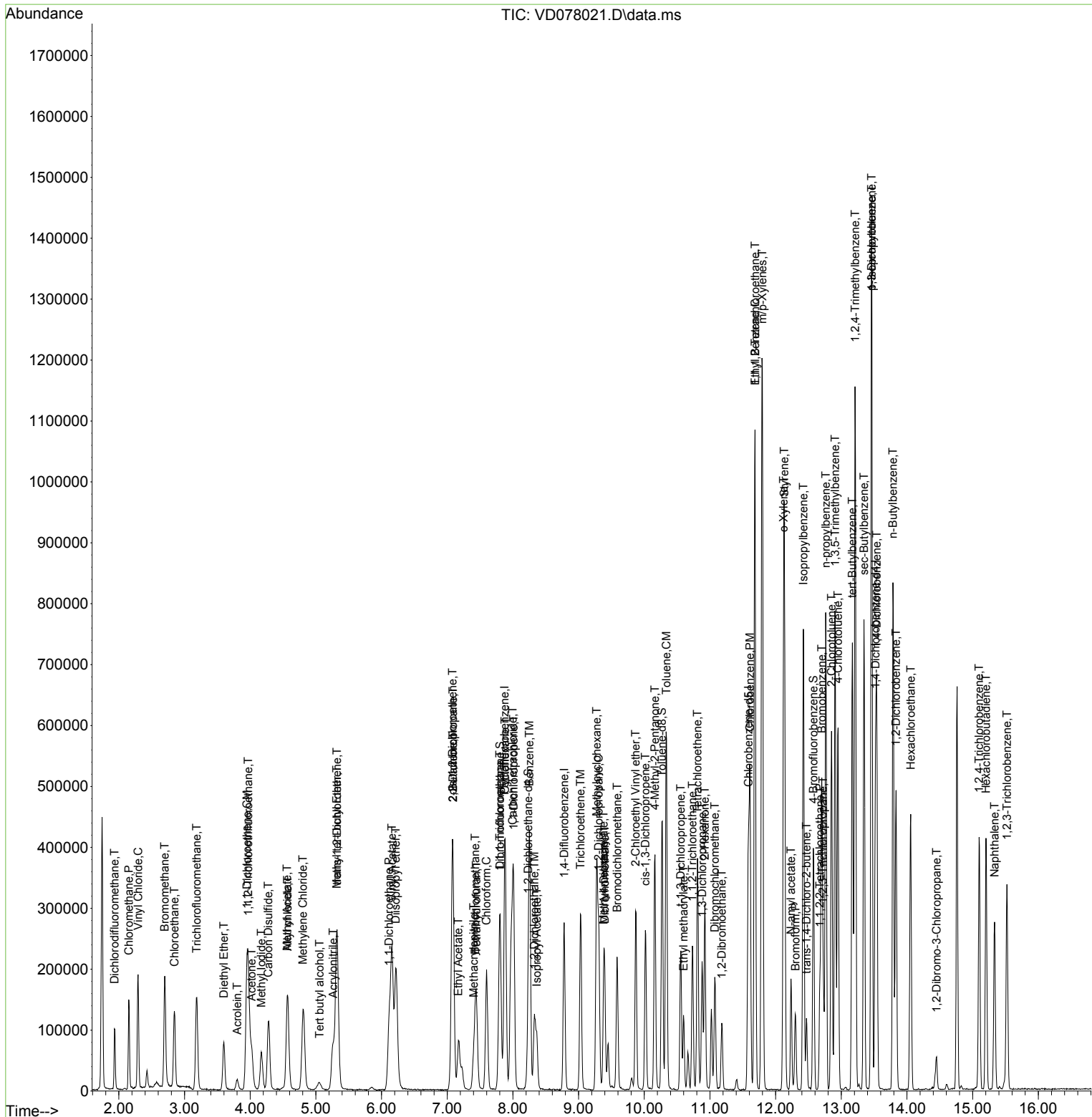
Instrument :
MSVOA_D
ClientSampleId :

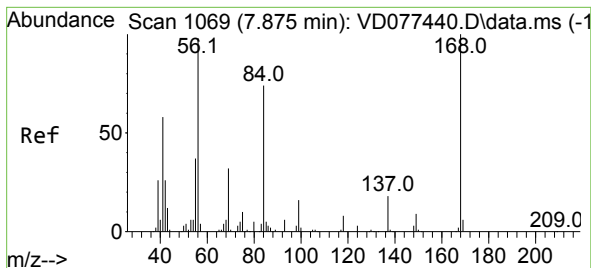
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078021.D

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Instrument :

MSVOA_D

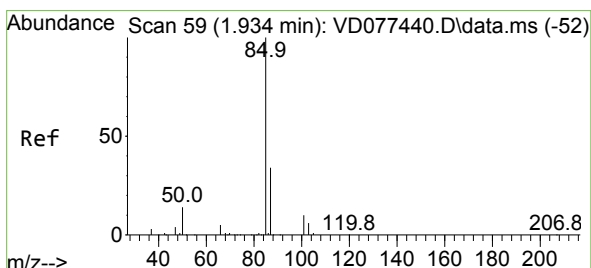
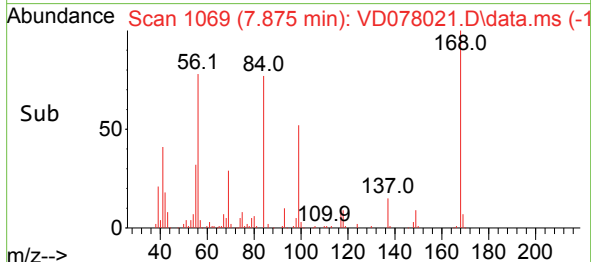
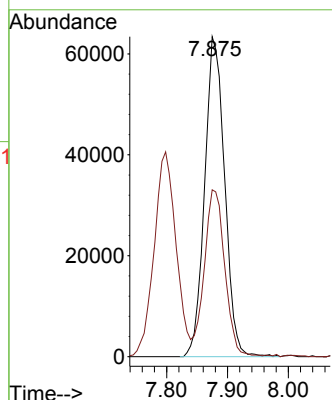
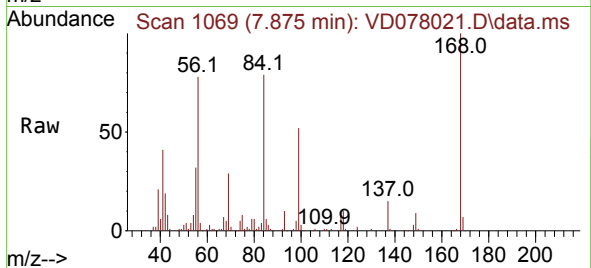
ClientSampleId :

Tgt Ion:168 Resp: 144391

Ion Ratio Lower Upper

168 100

99 52.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 41.497 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078021.D

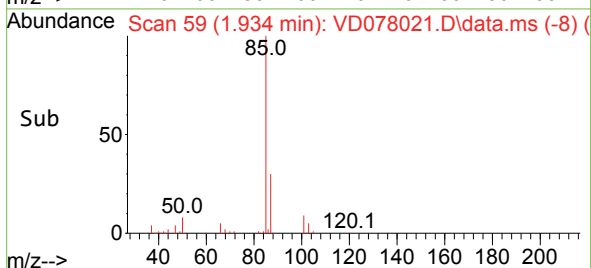
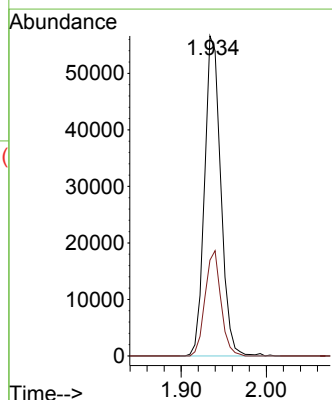
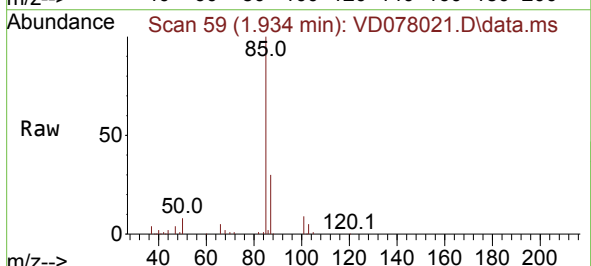
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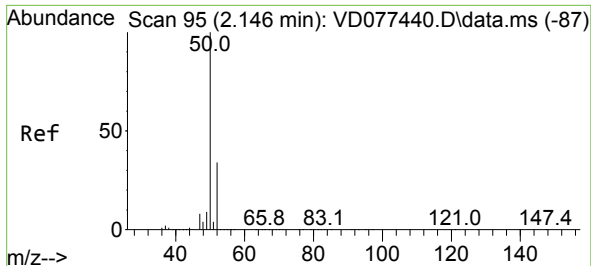
Tgt Ion: 85 Resp: 74847

Ion Ratio Lower Upper

85 100

87 30.0 15.7 47.0

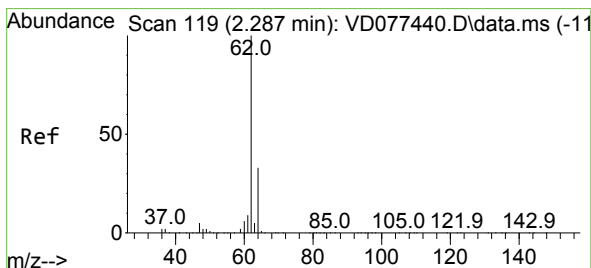
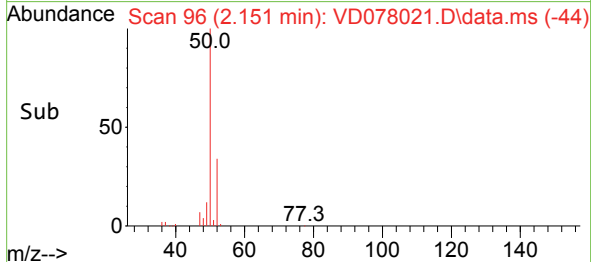
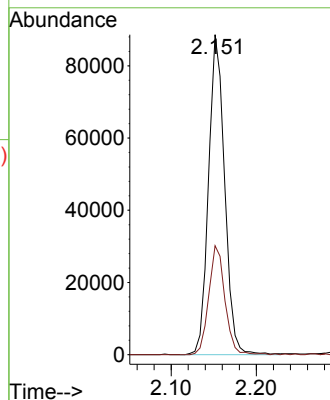
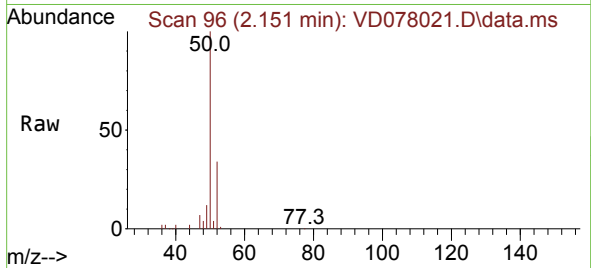




#3
Chloromethane
Concen: 47.412 ug/l
RT: 2.151 min Scan# 90
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

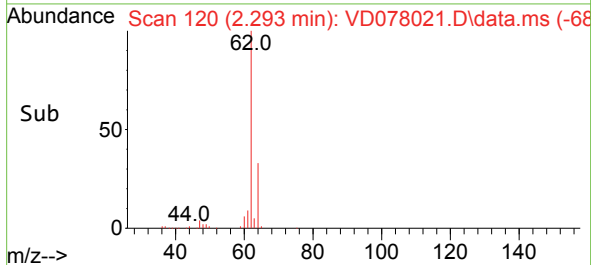
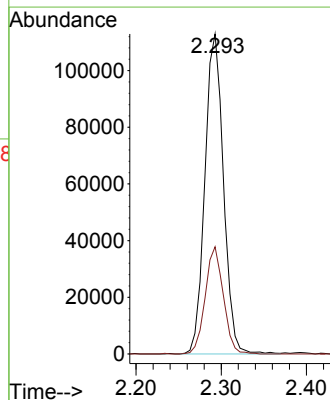
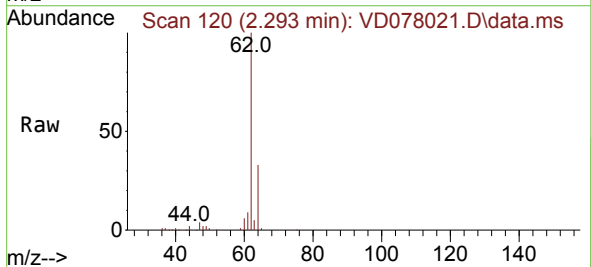
Instrument :
MSVOA_D
ClientSampleId :

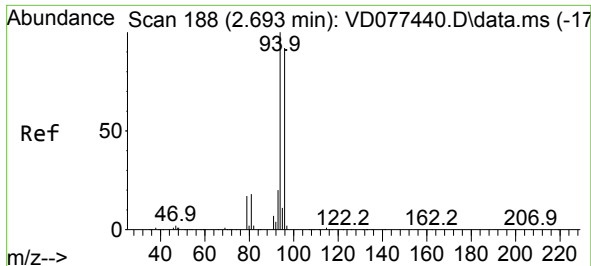
Tgt Ion: 50 Resp: 116565
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 51.375 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 62 Resp: 171471
Ion Ratio Lower Upper
62 100
64 33.5 26.0 39.0

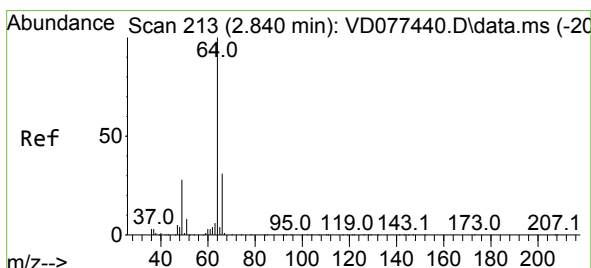
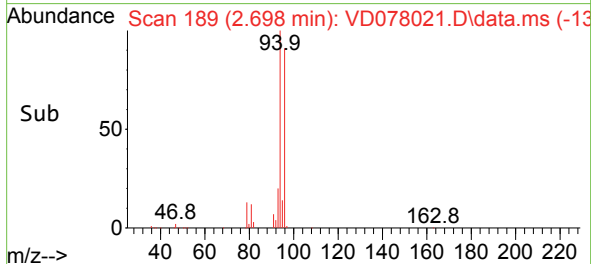
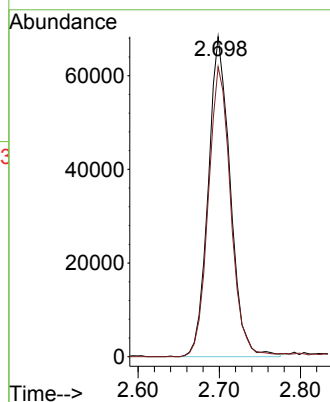
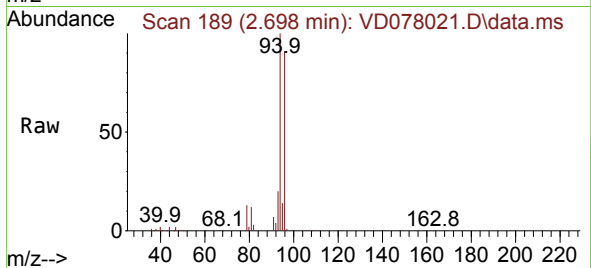




#5
Bromomethane
Concen: 68.790 ug/l
RT: 2.698 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

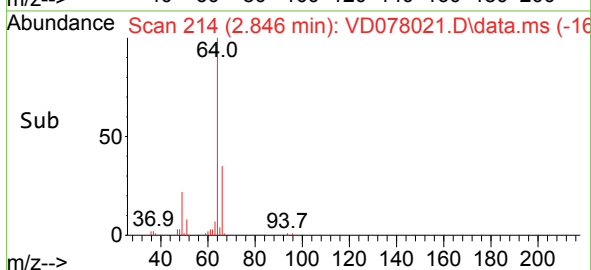
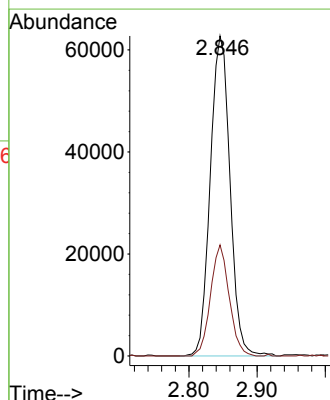
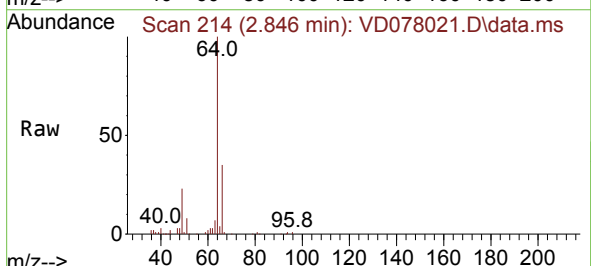
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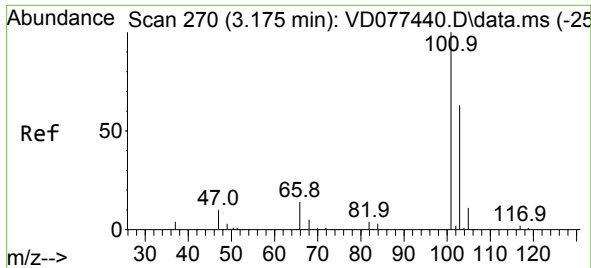
Tgt Ion: 94 Resp: 128830
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8



#6
Chloroethane
Concen: 55.596 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 64 Resp: 126507
Ion Ratio Lower Upper
64 100
66 34.7 25.5 38.3

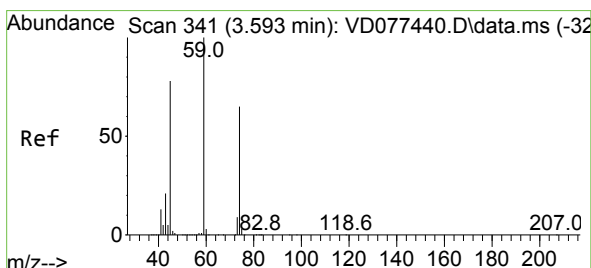
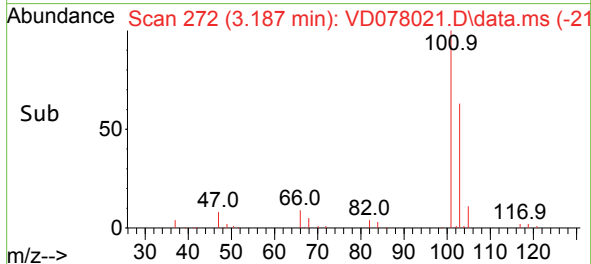
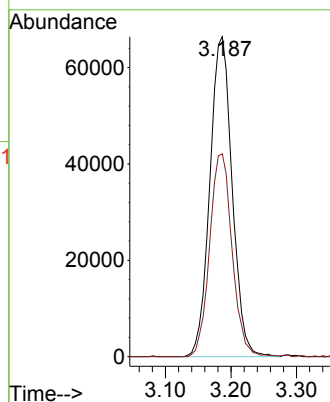
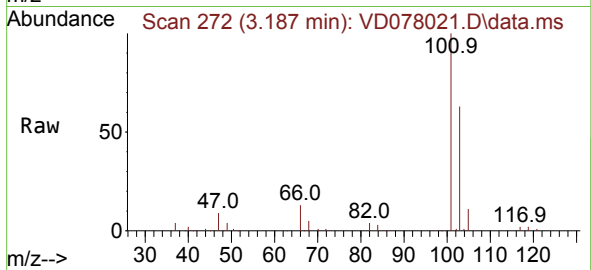




#7
Trichlorofluoromethane
Concen: 50.989 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

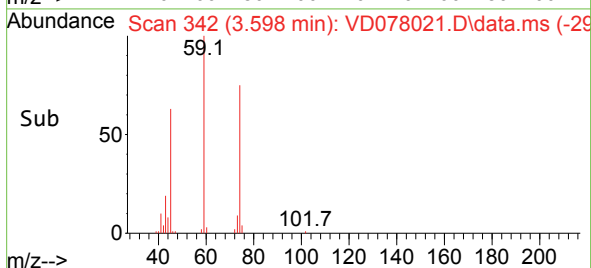
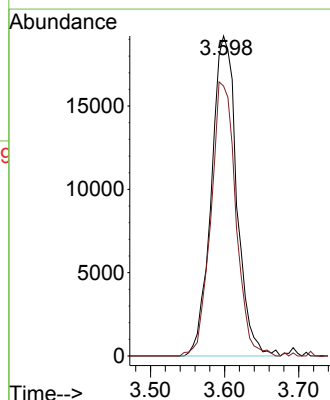
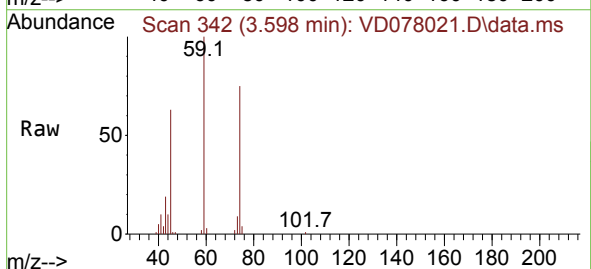
Instrument :
MSVOA_D
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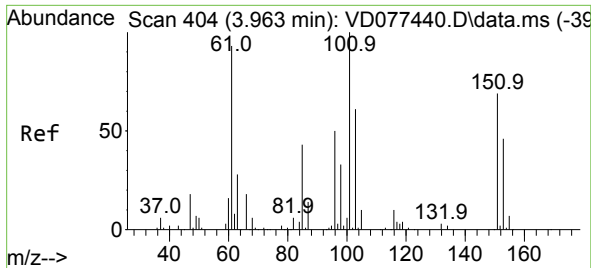
Tgt Ion:101 Resp: 156735
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5



#8
Diethyl Ether
Concen: 52.987 ug/l
RT: 3.598 min Scan# 342
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 74 Resp: 45736
Ion Ratio Lower Upper
74 100
45 83.7 37.5 112.7

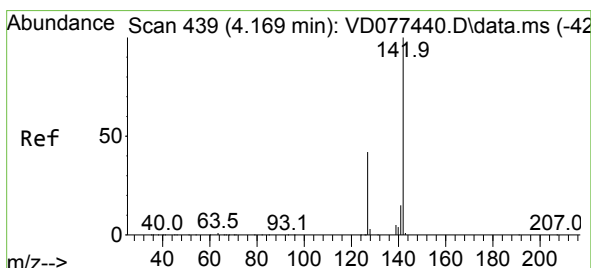
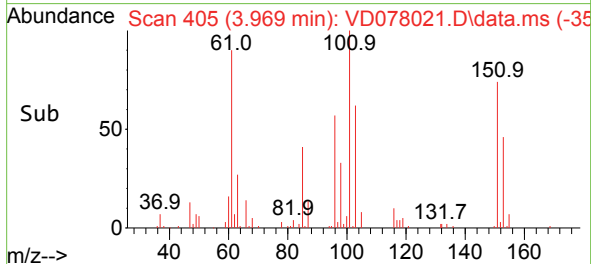
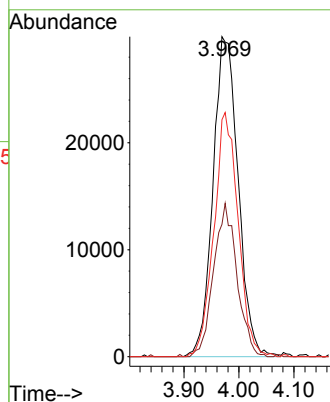
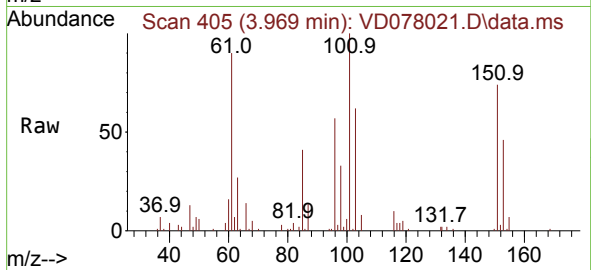




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.069 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078021.D
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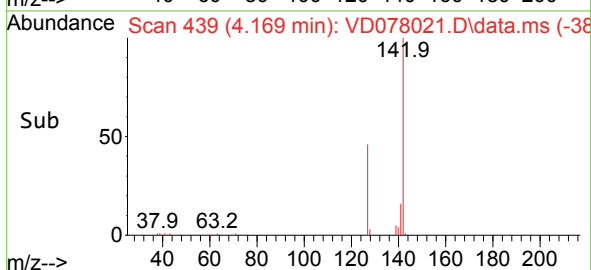
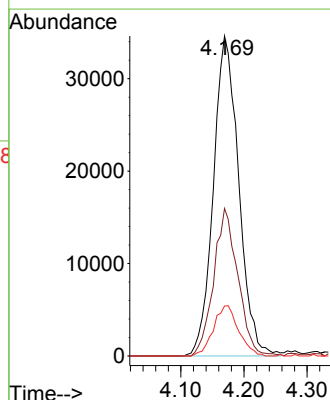
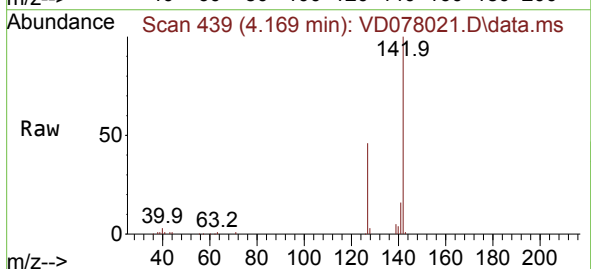
Instrument :
MSVOA_D
ClientSampleId :

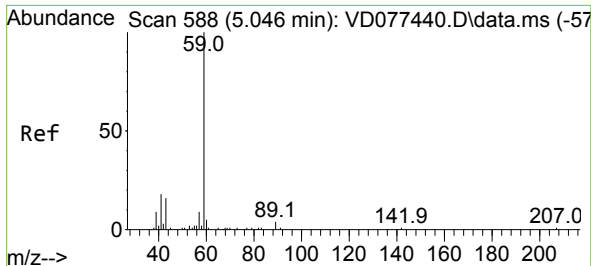
Tgt Ion:101 Resp: 95082
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 73.6 59.8 89.6



#10
Methyl Iodide
Concen: 60.921 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:142 Resp: 96517
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 15.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 290.009 ug/l

RT: 5.057 min Scan# 51

Delta R.T. 0.011 min

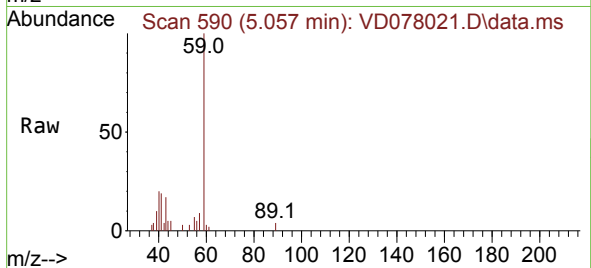
Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

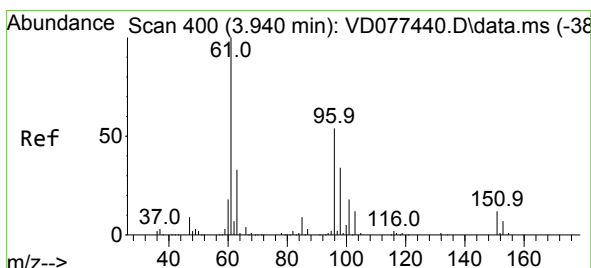
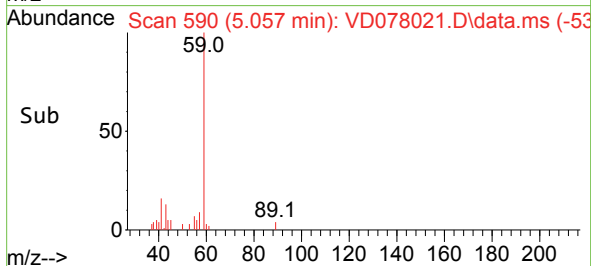
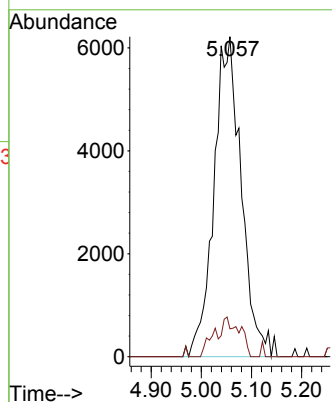


Tgt Ion: 59 Resp: 23614

Ion Ratio Lower Upper

59 100

57 7.9 7.8 11.8



#12

1,1-Dichloroethene

Concen: 51.739 ug/l

RT: 3.951 min Scan# 402

Delta R.T. 0.011 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

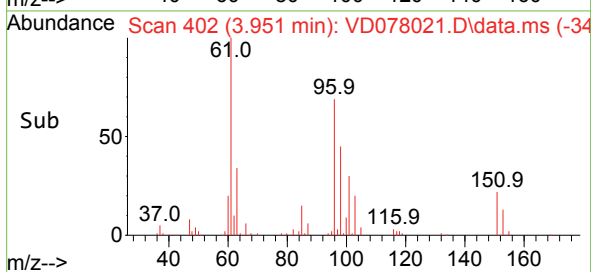
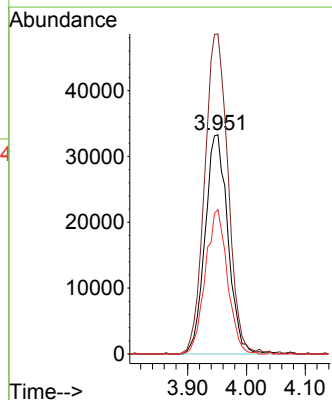
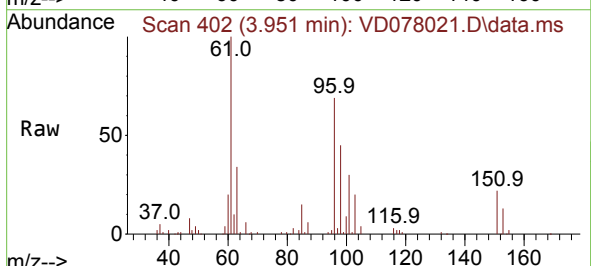
Tgt Ion: 96 Resp: 89800

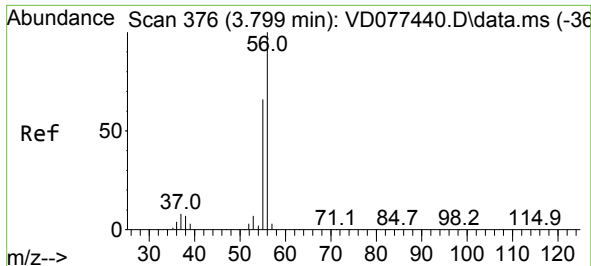
Ion Ratio Lower Upper

96 100

61 145.9 100.6 150.8

98 65.8 50.2 75.2

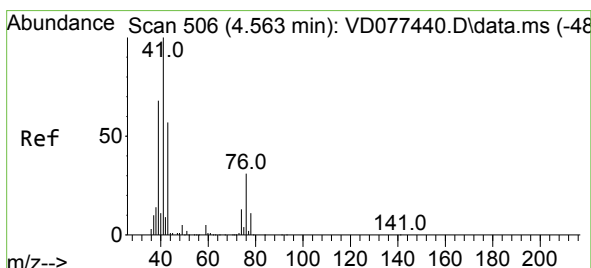
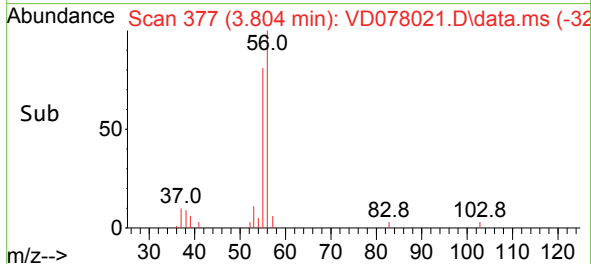
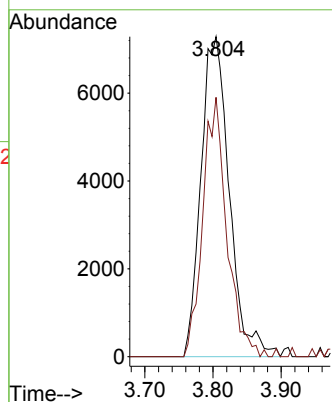
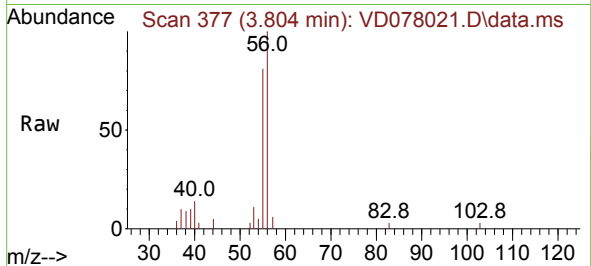




#13
Acrolein
Concen: 117.051 ug/l
RT: 3.804 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

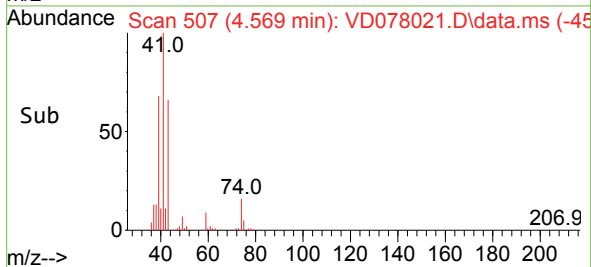
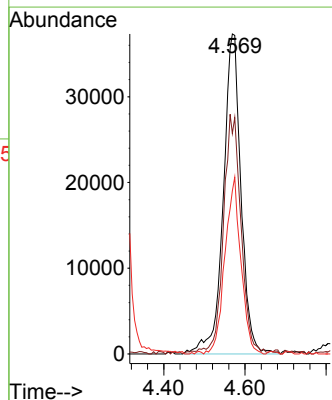
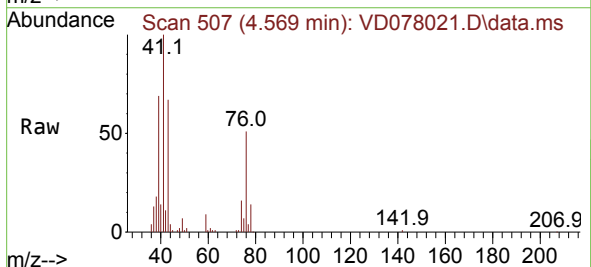
Instrument :
MSVOA_D
ClientSampleId :

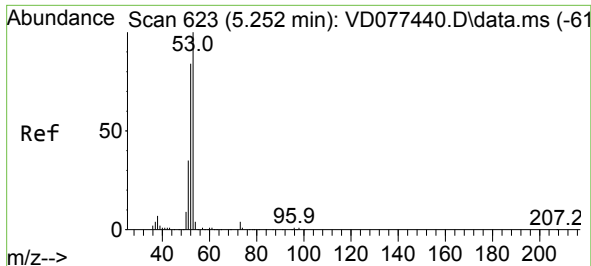
Tgt Ion: 56 Resp: 21067
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 47.708 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 41 Resp: 113882
Ion Ratio Lower Upper
41 100
39 74.5 53.8 80.6
76 49.6 45.8 68.8

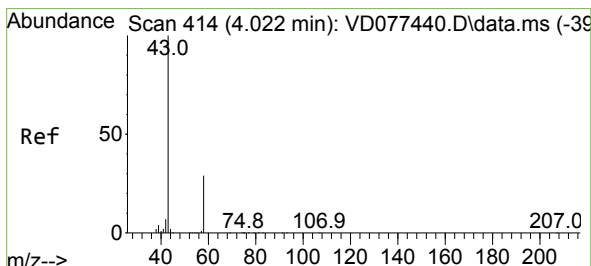
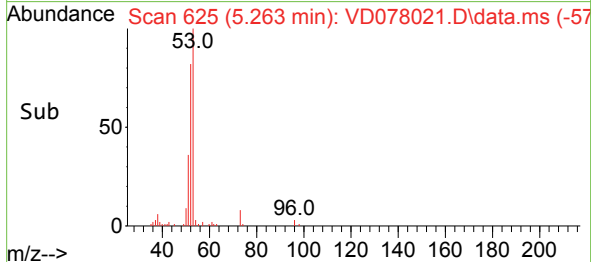
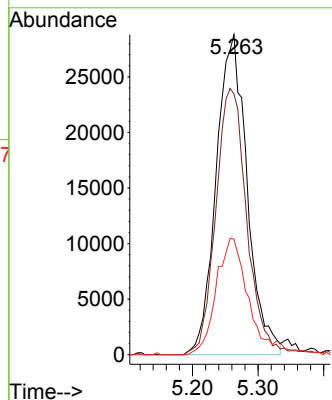
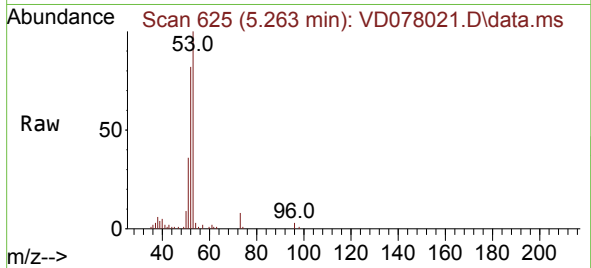




#15
Acrylonitrile
Concen: 254.944 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

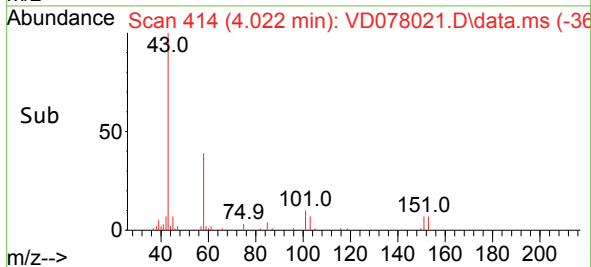
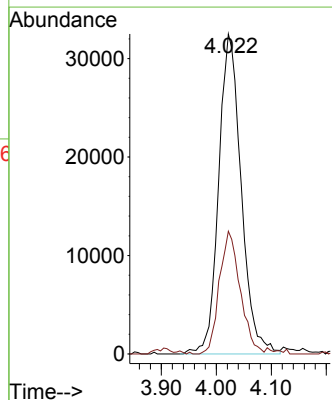
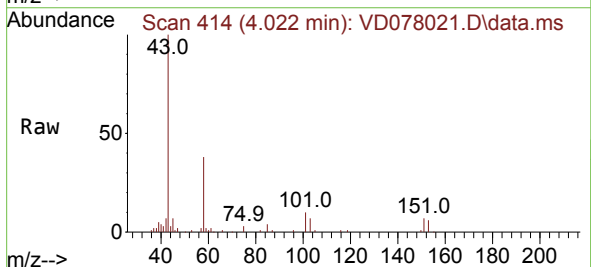
Instrument :
MSVOA_D
ClientSampleId :

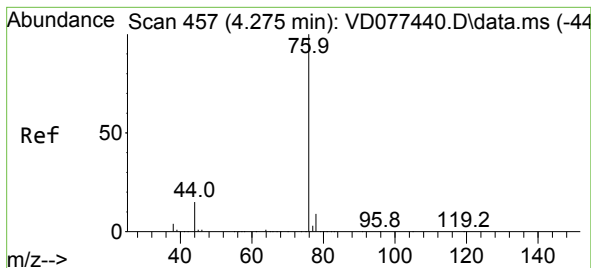
Tgt Ion: 53 Resp: 94219
Ion Ratio Lower Upper
53 100
52 83.4 65.0 97.4
51 38.7 28.3 42.5



#16
Acetone
Concen: 251.966 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 43 Resp: 92560
Ion Ratio Lower Upper
43 100
58 37.4 34.7 52.1





#17

Carbon Disulfide

Concen: 41.402 ug/l

RT: 4.275 min Scan# 4

Delta R.T. -0.000 min

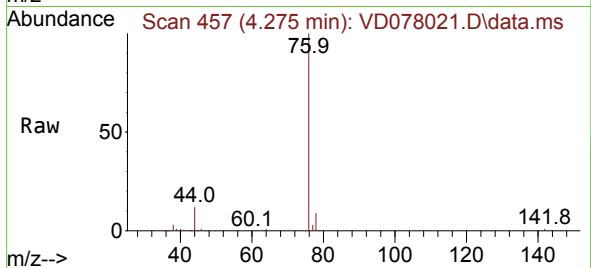
Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

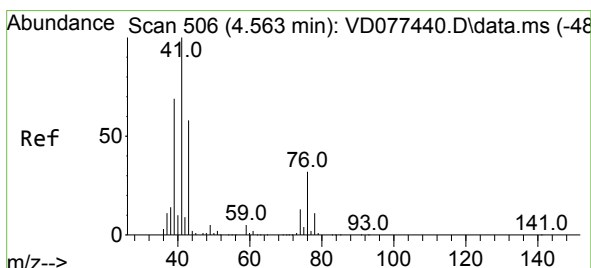
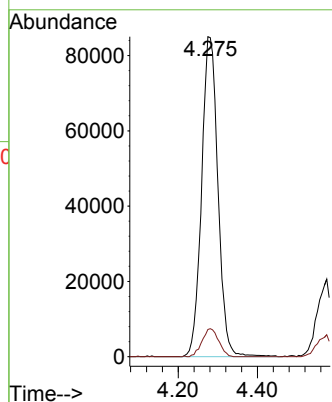
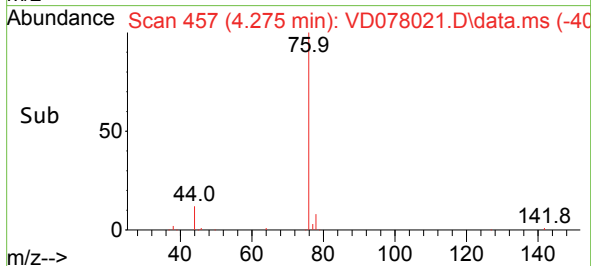


Tgt Ion: 76 Resp: 243109

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2



#18

Methyl Acetate

Concen: 57.358 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078021.D

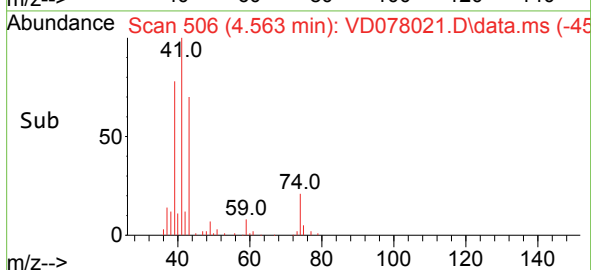
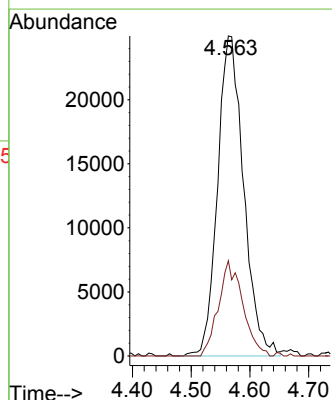
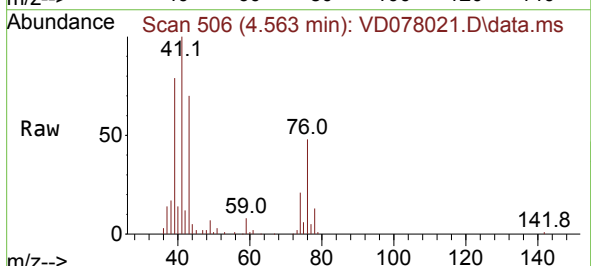
Acq: 21 Dec 2023 12:12

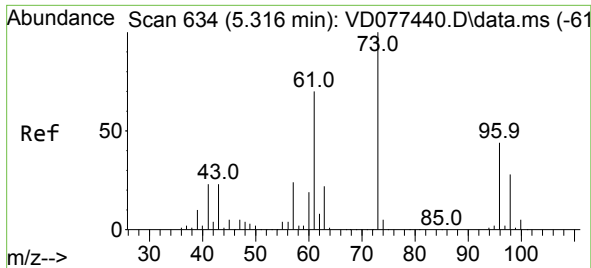
Tgt Ion: 43 Resp: 76858

Ion Ratio Lower Upper

43 100

74 27.7 26.4 39.6

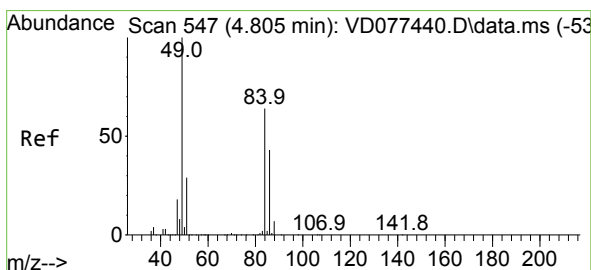
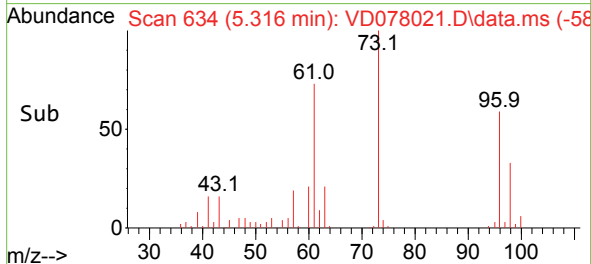
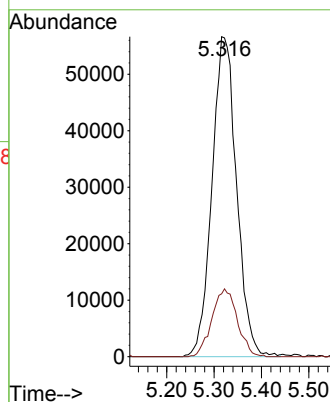
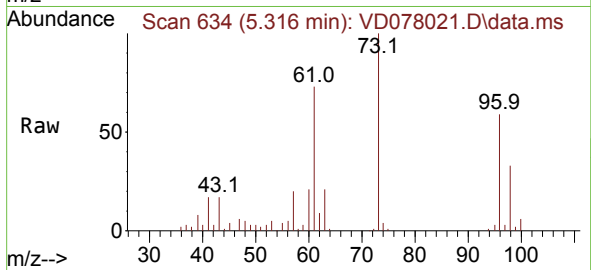




#19
Methyl tert-butyl Ether
Concen: 55.452 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

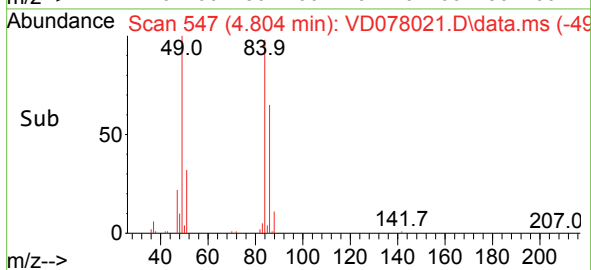
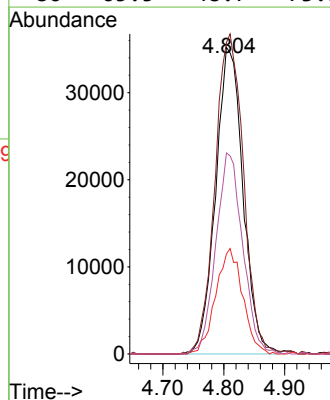
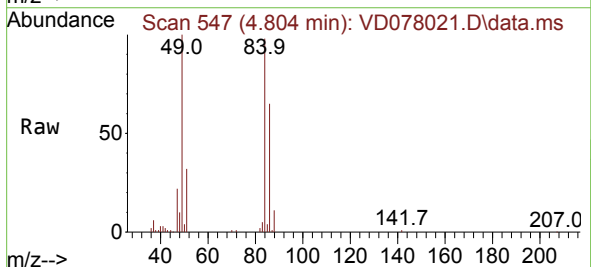
Instrument :
MSVOA_D
ClientSampleId :

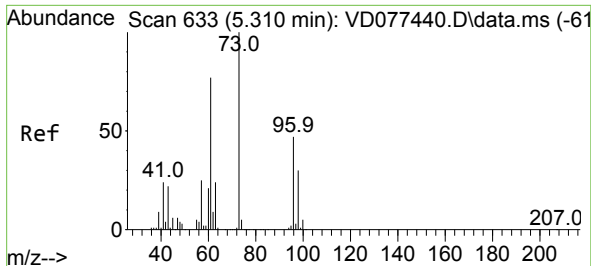
Tgt Ion: 73 Resp: 204197
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0



#20
Methylene Chloride
Concen: 55.051 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

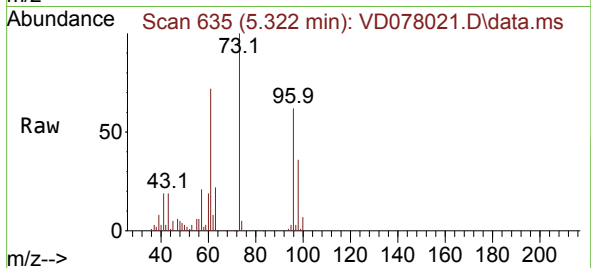
Tgt Ion: 84 Resp: 109941
Ion Ratio Lower Upper
84 100
49 101.5 71.4 107.2
51 32.6 24.5 36.7
86 65.5 48.7 73.1



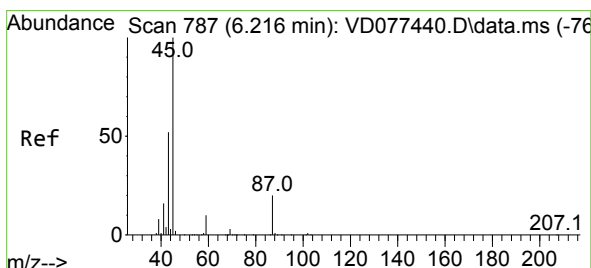
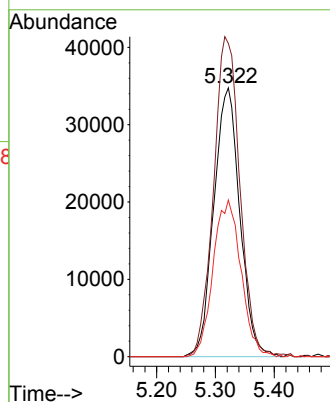
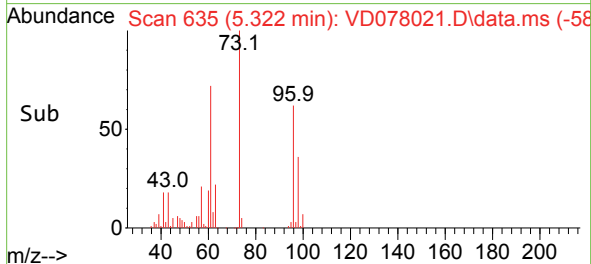


#21
trans-1,2-Dichloroethene
Concen: 54.481 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

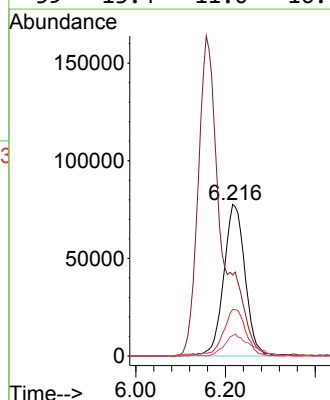
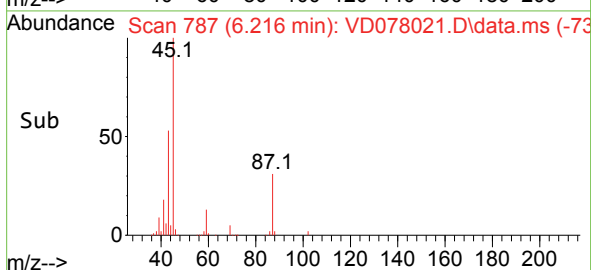
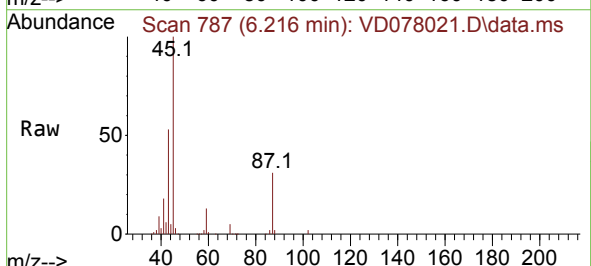


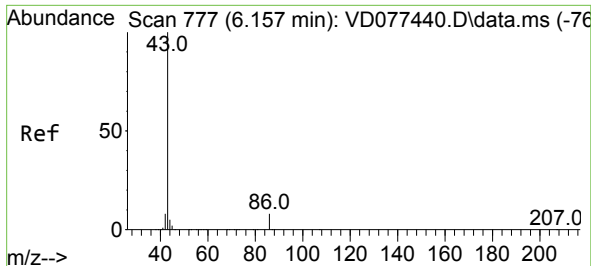
Tgt Ion: 96 Resp: 107103
Ion Ratio Lower Upper
96 100
61 116.5 89.3 133.9
98 58.3 48.6 73.0



#22
Diisopropyl ether
Concen: 51.479 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 45 Resp: 256797
Ion Ratio Lower Upper
45 100
43 52.6 40.0 60.0
87 30.7 28.2 42.4
59 13.4 11.0 16.4

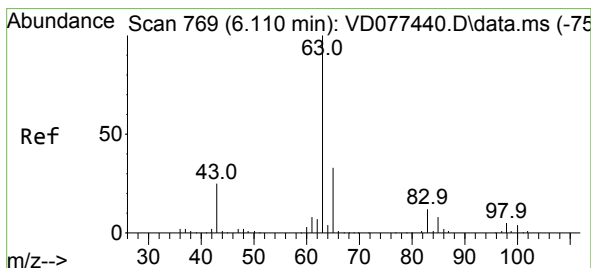
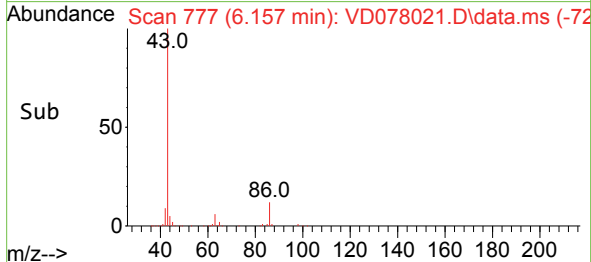
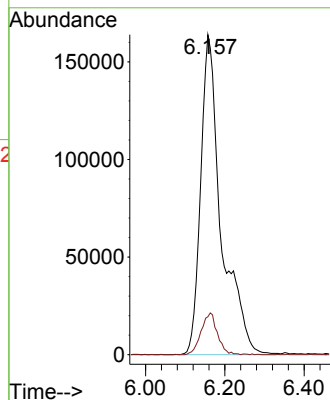
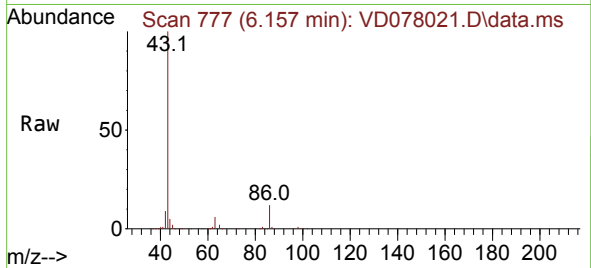




#23
 Vinyl Acetate
 Concen: 242.879 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078021.D
 Acq: 21 Dec 2023 12:12

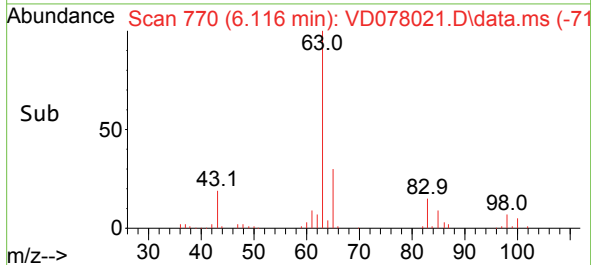
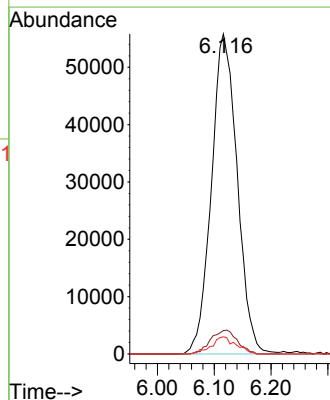
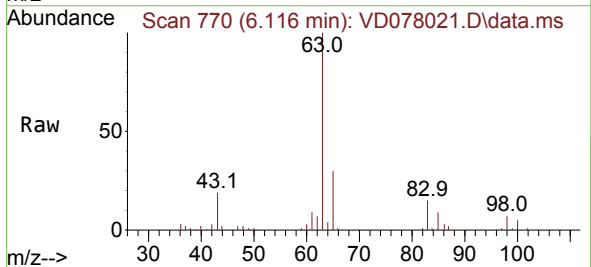
Instrument :
 MSVOA_D
 ClientSampleId :

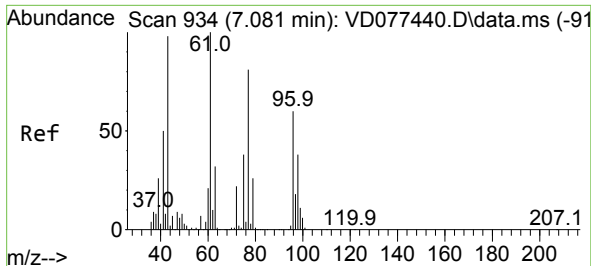
Tgt Ion: 43 Resp: 591657
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 52.072 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078021.D
 Acq: 21 Dec 2023 12:12

Tgt Ion: 63 Resp: 175905
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.4 2.5 7.5

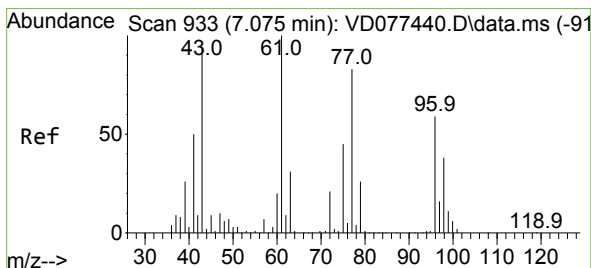
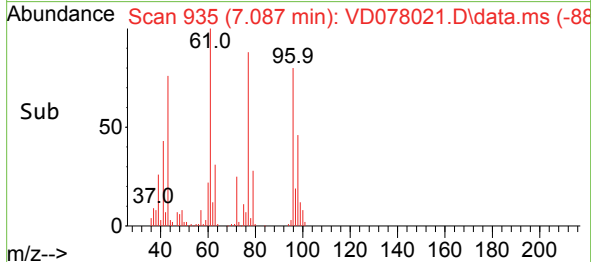
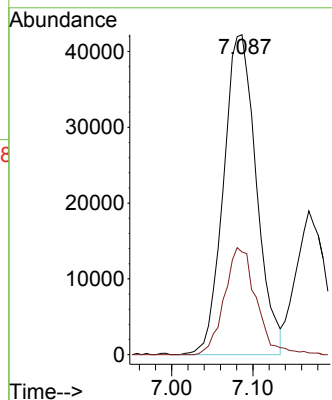
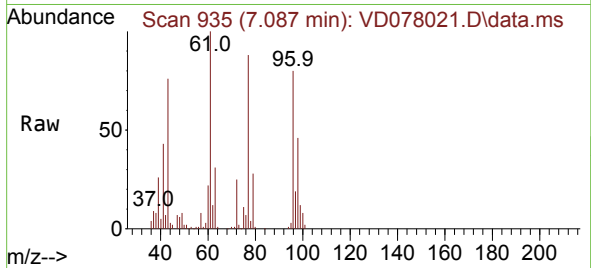




#25
2-Butanone
Concen: 254.452 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

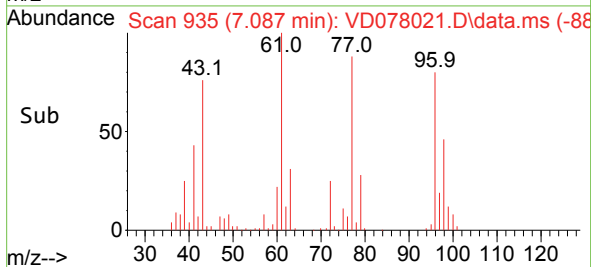
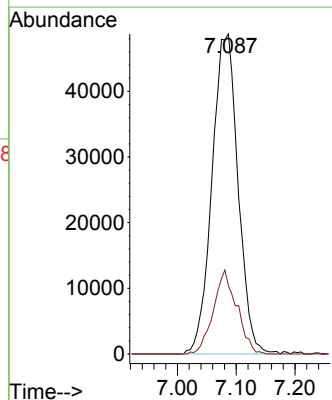
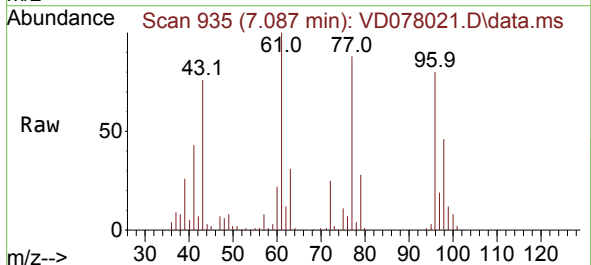
Instrument :
MSVOA_D
ClientSampleId :

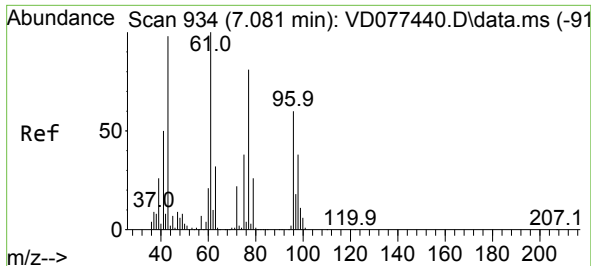
Tgt Ion: 43 Resp: 118882
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 52.899 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.011 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

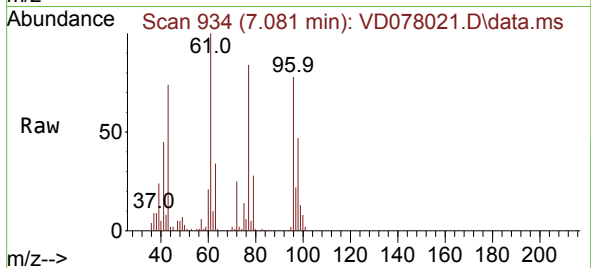
Tgt Ion: 77 Resp: 150035
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6





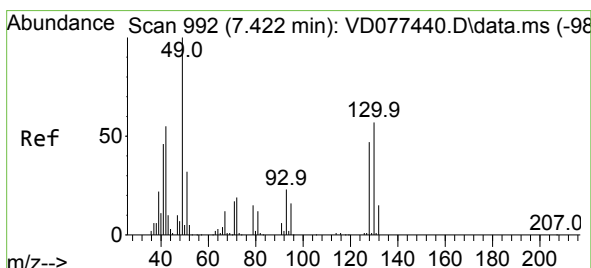
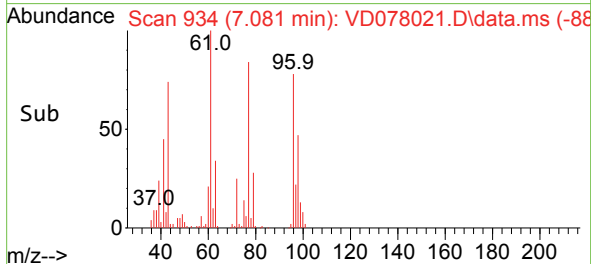
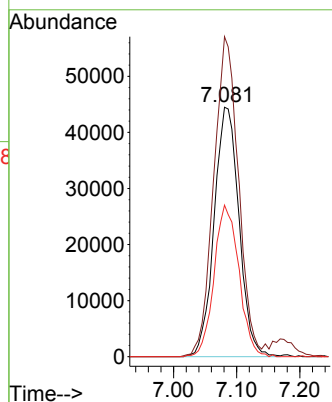
#27
 cis-1,2-Dichloroethene
 Concen: 57.574 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078021.D
 Acq: 21 Dec 2023 12:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 121788

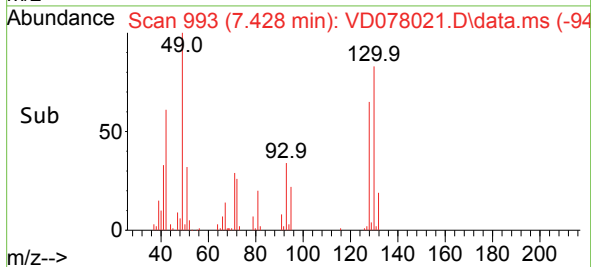
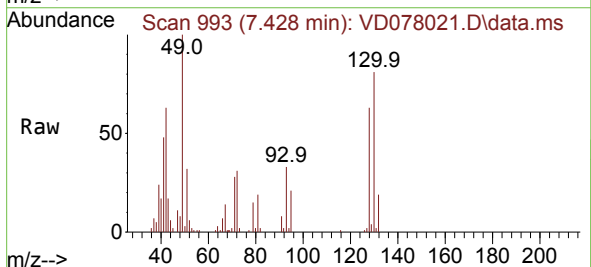
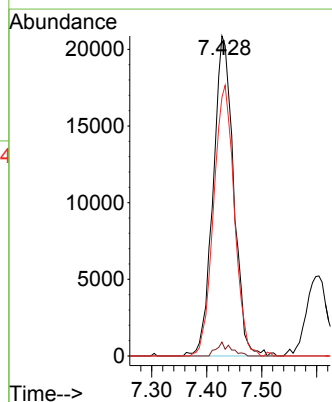
Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	239.2
98	60.6	0.0	128.6

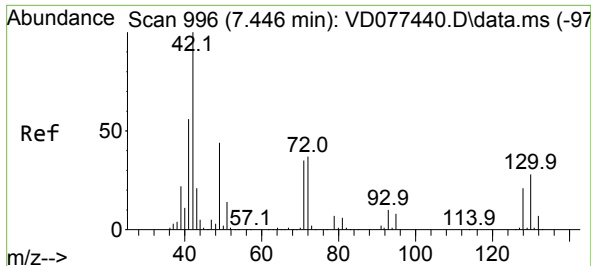


#28
 Bromochloromethane
 Concen: 39.656 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078021.D
 Acq: 21 Dec 2023 12:12

Tgt Ion: 49 Resp: 54131

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	6.0
130	85.4	83.2	124.8





#29

Tetrahydrofuran

Concen: 253.176 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

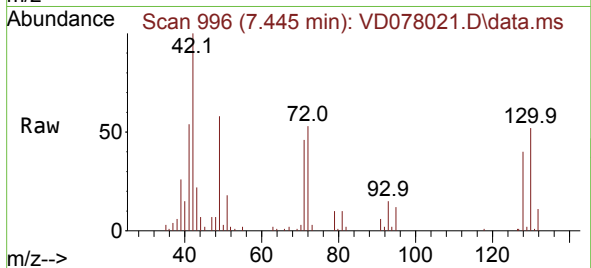
Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

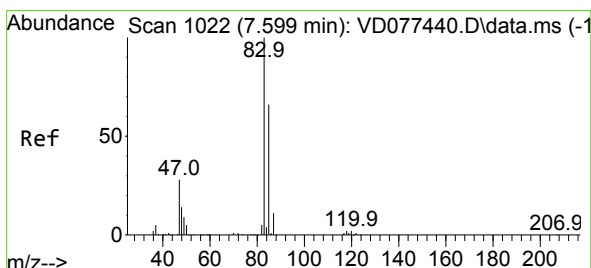
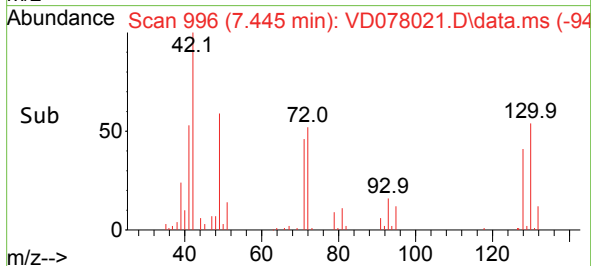
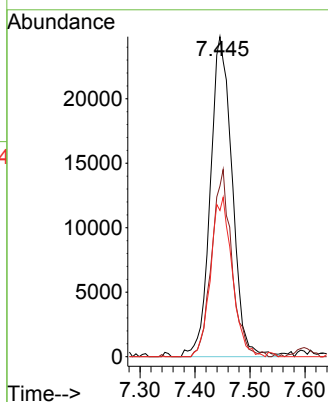
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	68595
Ion	Ratio	Lower	Upper
42	100		
72	53.9	46.5	69.7
71	49.0	44.5	66.7



#30

Chloroform

Concen: 56.223 ug/l

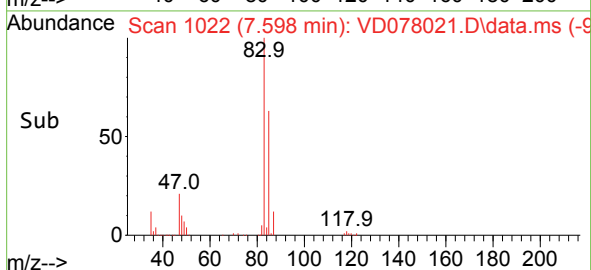
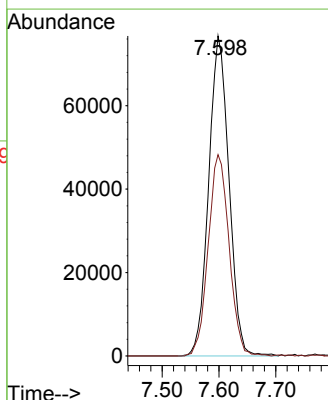
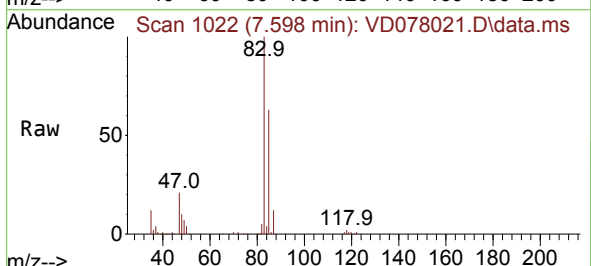
RT: 7.598 min Scan# 1022

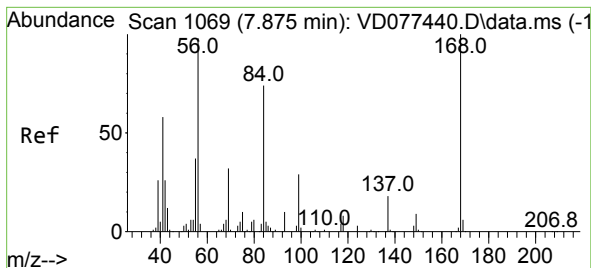
Delta R.T. -0.001 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Tgt Ion:	83	Resp:	190084
Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.4	80.2





#31

Cyclohexane

Concen: 45.529 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

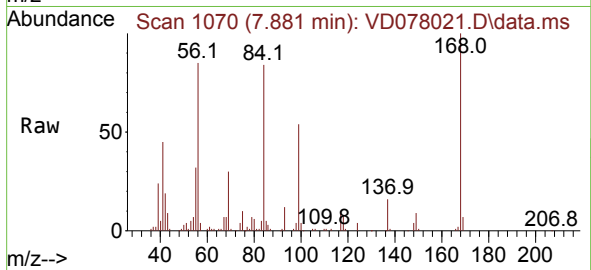
Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :



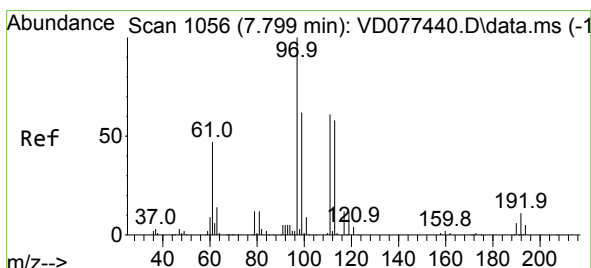
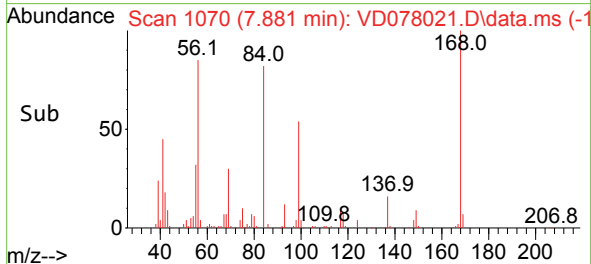
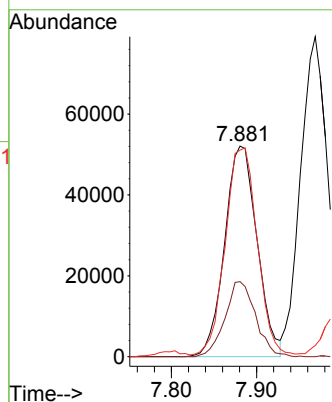
Tgt Ion: 56 Resp: 137785

Ion Ratio Lower Upper

56 100

69 35.6 28.6 43.0

84 96.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 54.529 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.001 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

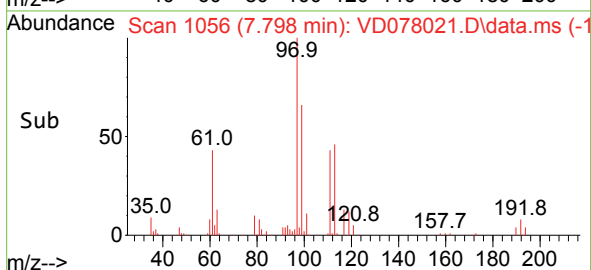
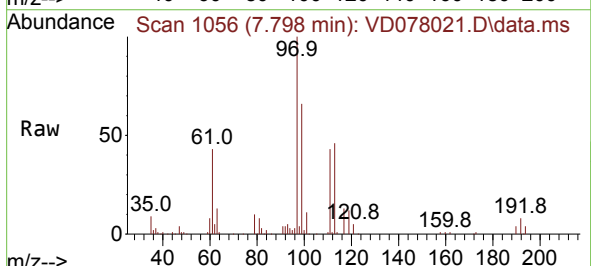
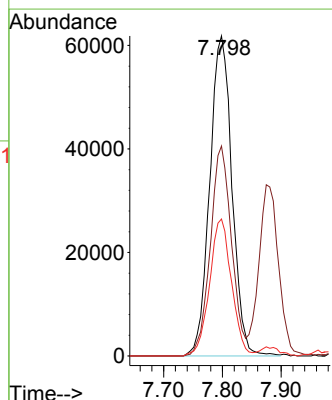
Tgt Ion: 97 Resp: 162522

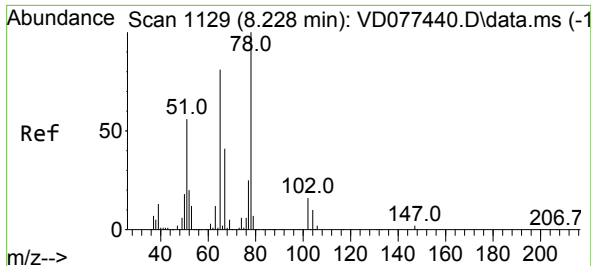
Ion Ratio Lower Upper

97 100

99 62.5 52.0 78.0

61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.902 ug/l

RT: 8.233 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

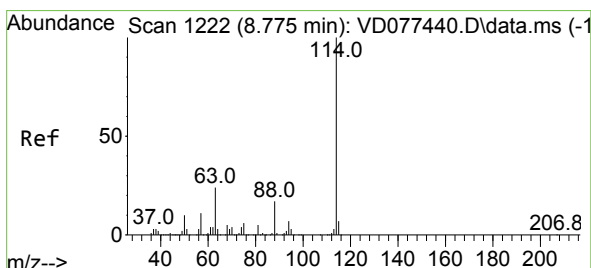
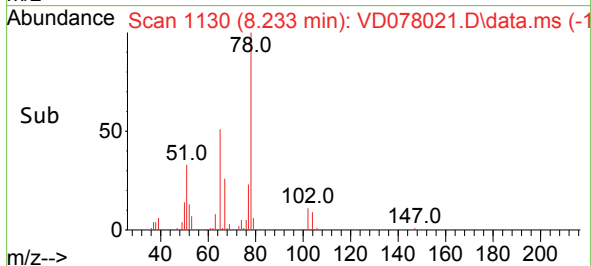
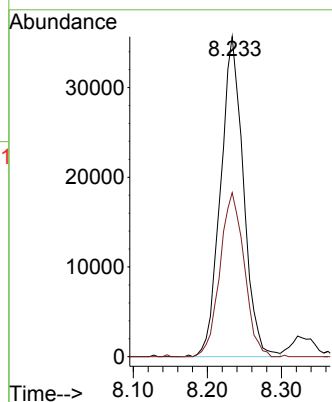
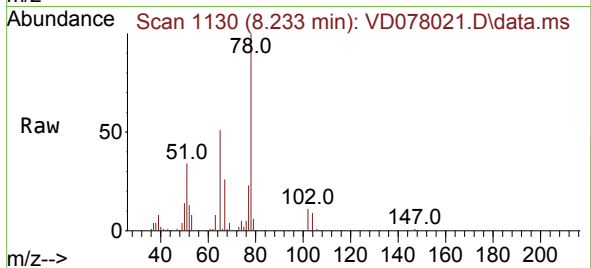
ClientSampleId :

Tgt Ion: 65 Resp: 76398

Ion Ratio Lower Upper

65 100

67 54.3 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: VD078021.D

Acq: 21 Dec 2023 12:12

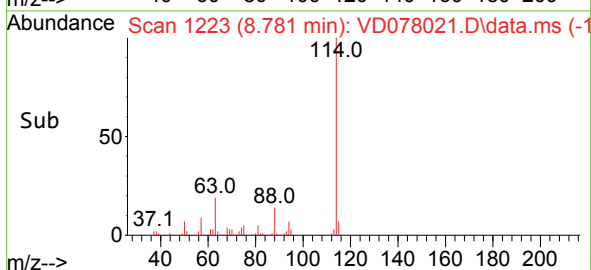
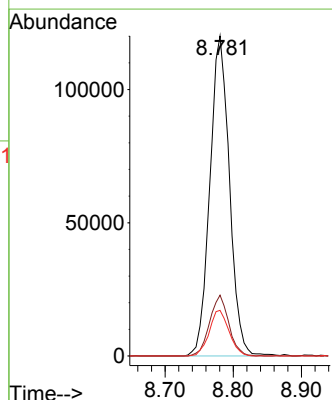
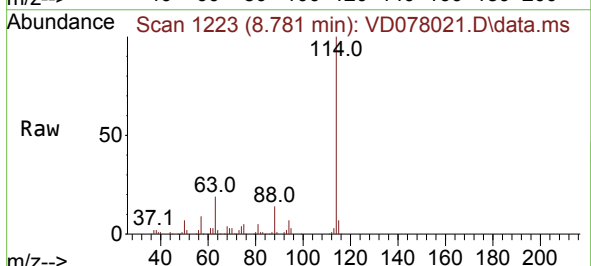
Tgt Ion: 114 Resp: 240441

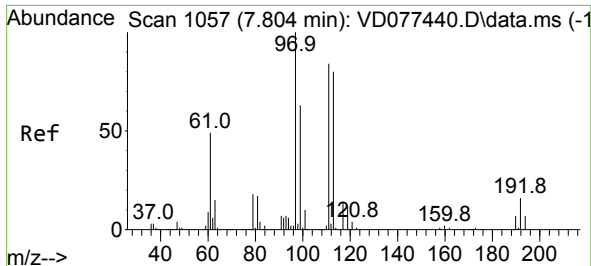
Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

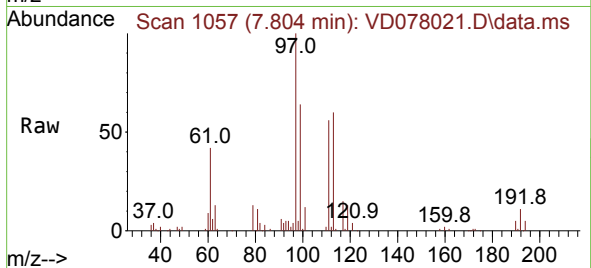
88 14.2 0.0 26.2



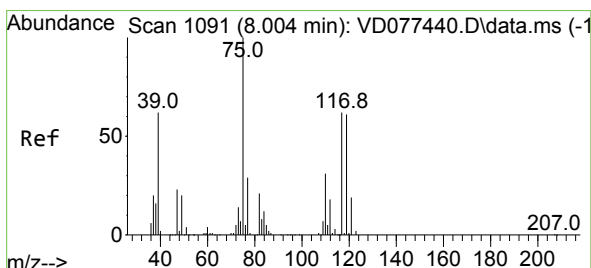
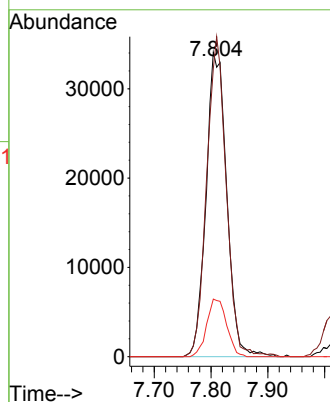
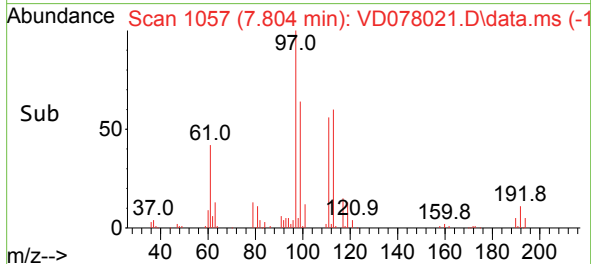


#35
Dibromofluoromethane
Concen: 51.092 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

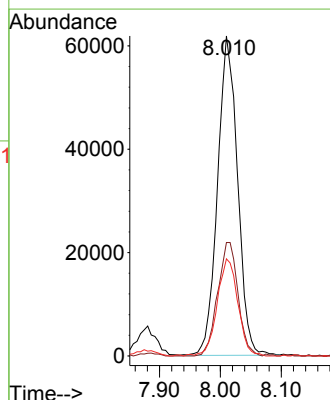
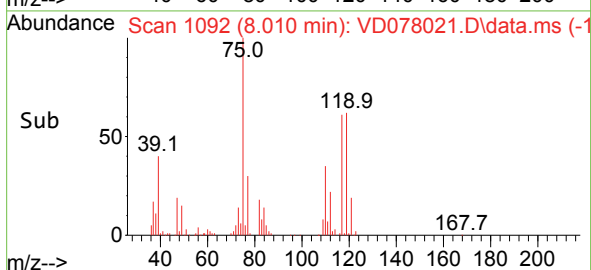
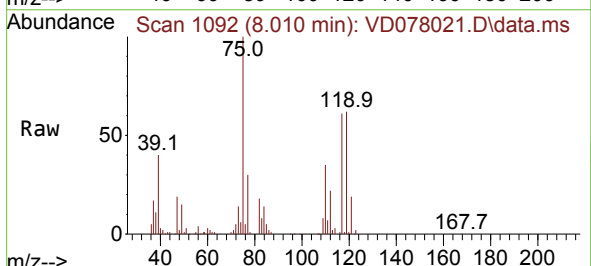


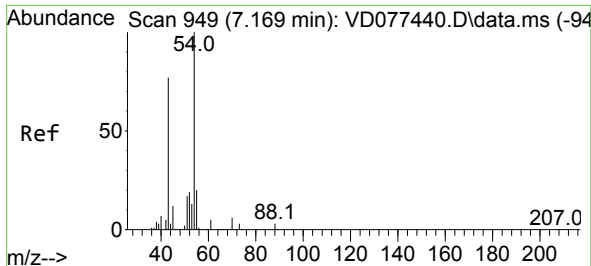
Tgt Ion:113 Resp: 86050
Ion Ratio Lower Upper
113 100
111 99.4 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.372 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

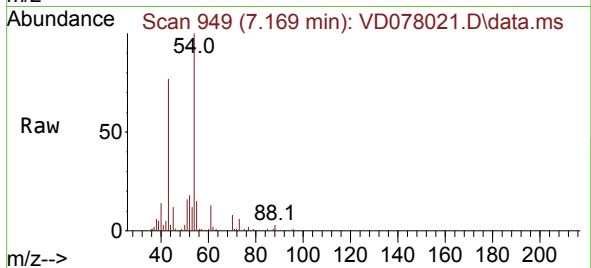
Tgt Ion: 75 Resp: 141088
Ion Ratio Lower Upper
75 100
110 36.2 19.9 59.6
77 31.5 24.7 37.1



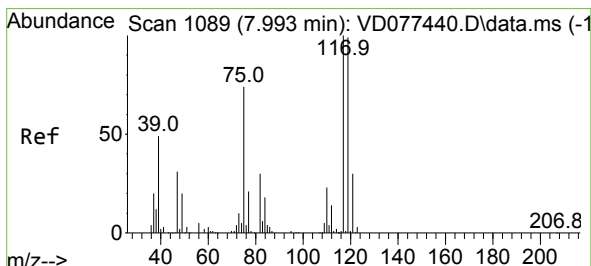
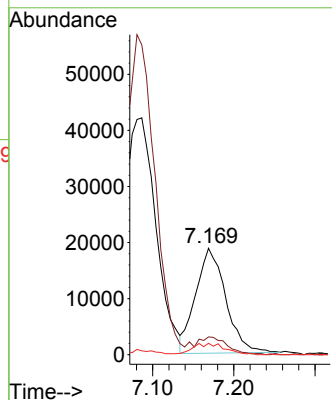
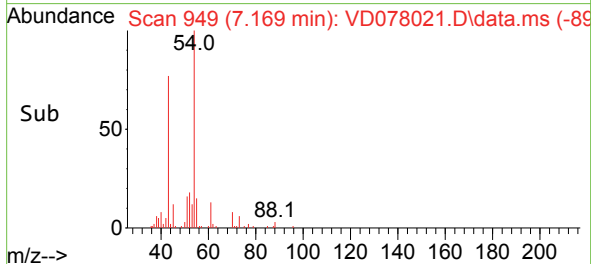


#37
Ethyl Acetate
Concen: 45.918 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

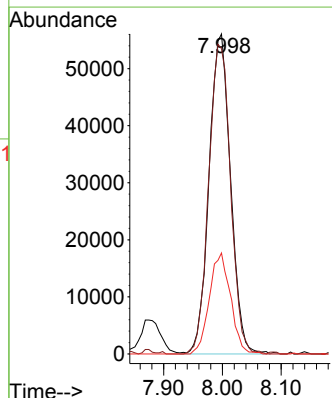
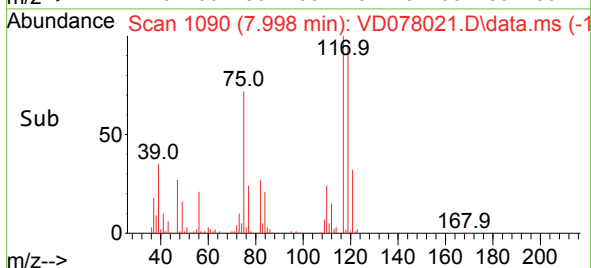
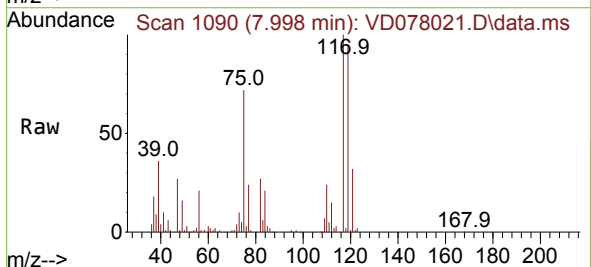


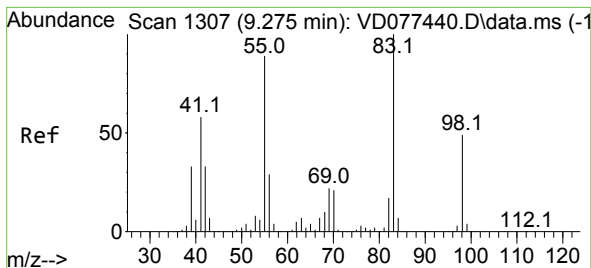
Tgt Ion: 43 Resp: 48234
Ion Ratio Lower Upper
43 100
61 18.2 14.9 22.3
70 4.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 53.087 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 117 Resp: 142578
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 51.796 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

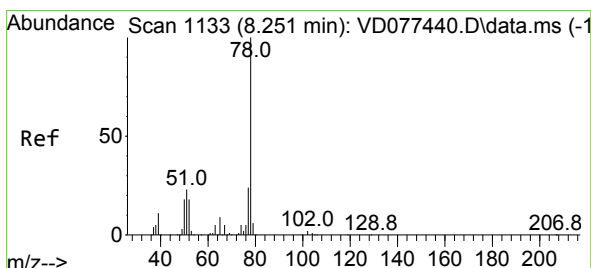
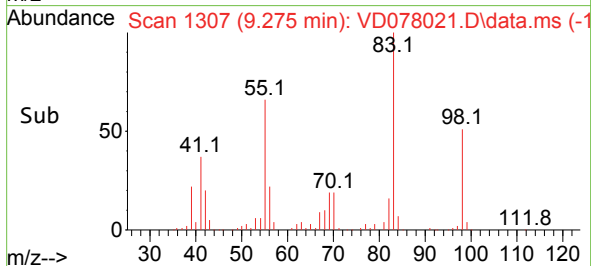
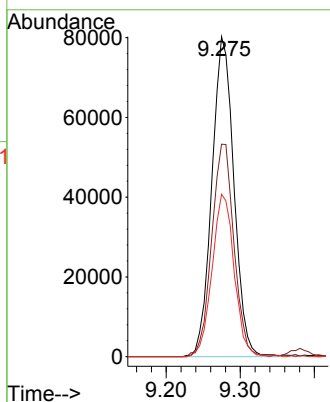
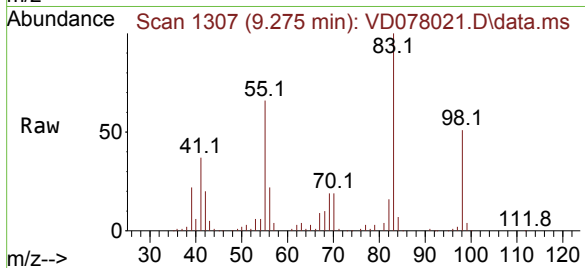
Tgt Ion: 83 Resp: 165422

Ion Ratio Lower Upper

83 100

55 66.4 49.4 74.0

98 50.8 38.4 57.6



#40

Benzene

Concen: 53.855 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078021.D

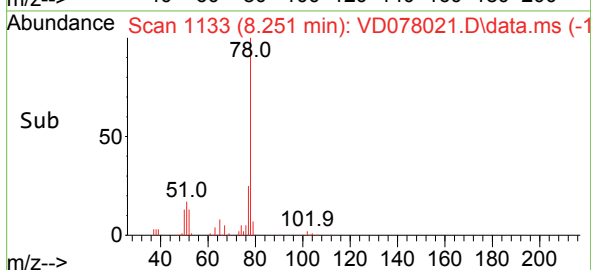
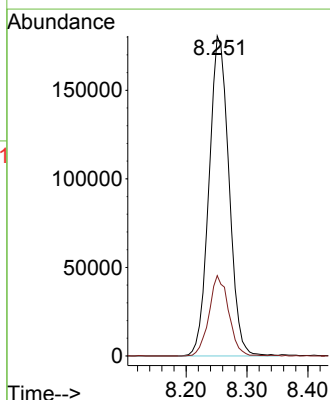
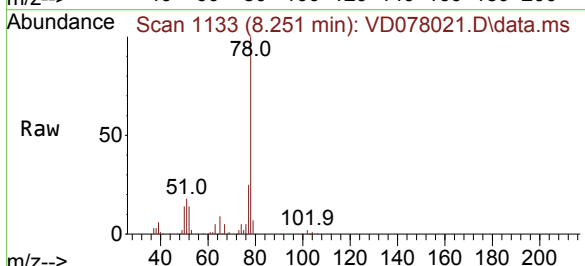
Acq: 21 Dec 2023 12:12

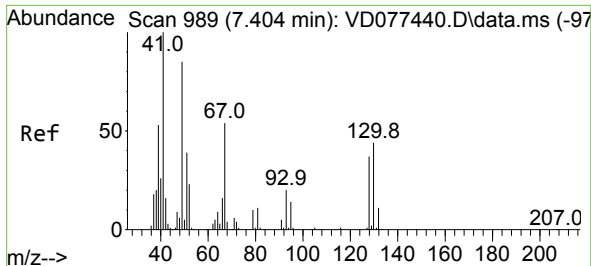
Tgt Ion: 78 Resp: 411783

Ion Ratio Lower Upper

78 100

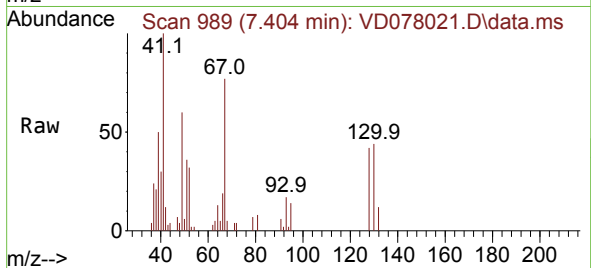
77 25.1 19.4 29.0



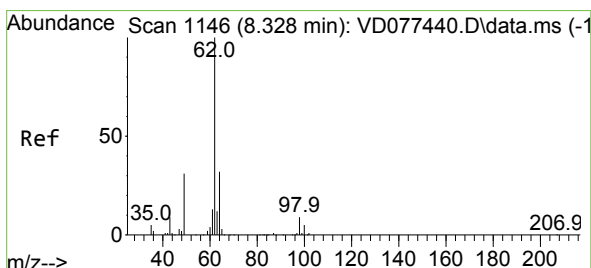
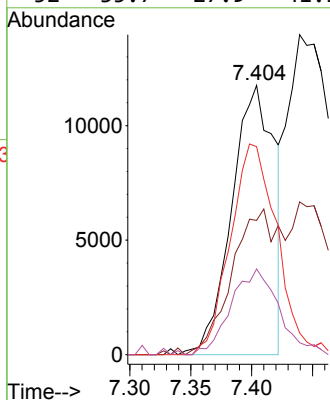
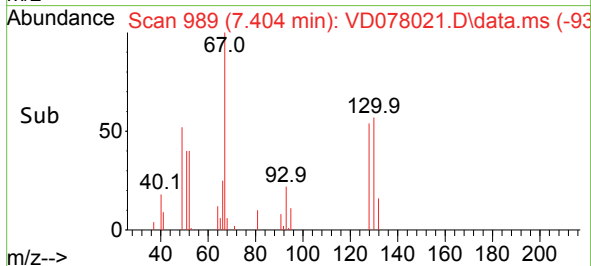


#41
Methacrylonitrile
Concen: 53.740 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

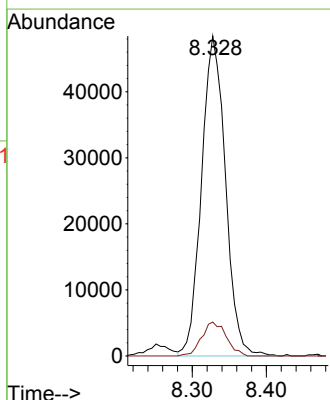
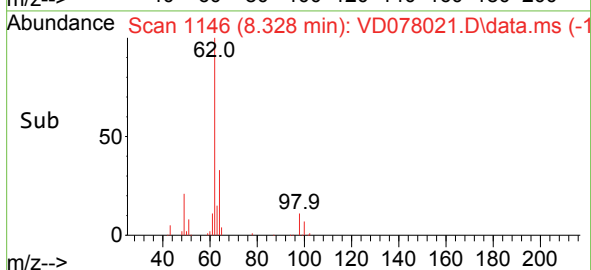
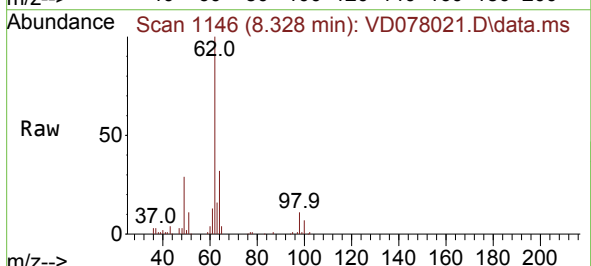


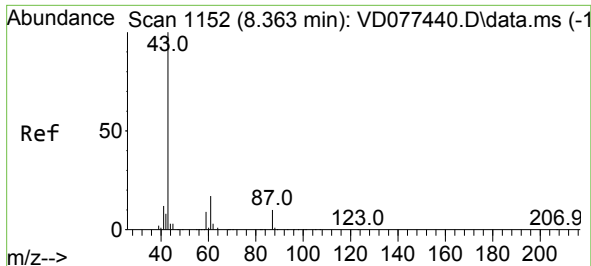
Tgt Ion: 41 Resp: 28692
Ion Ratio Lower Upper
41 100
39 62.2 34.0 51.0#
67 85.7 77.0 115.4
52 35.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.850 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

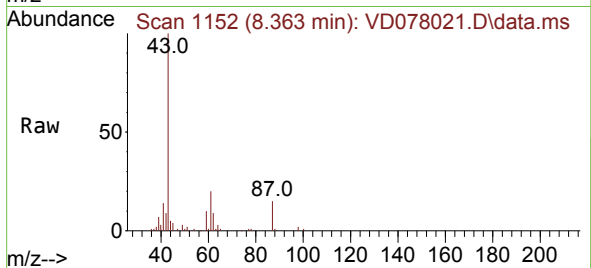
Tgt Ion: 62 Resp: 108710
Ion Ratio Lower Upper
62 100
98 10.9 0.0 25.4



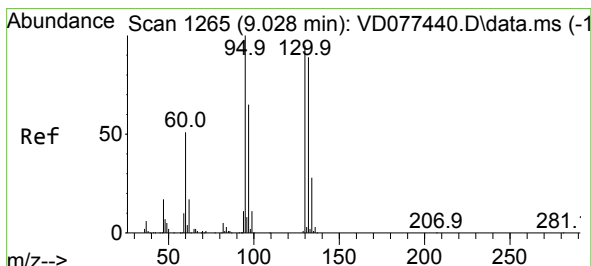
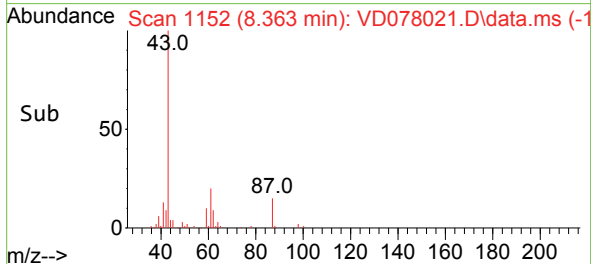
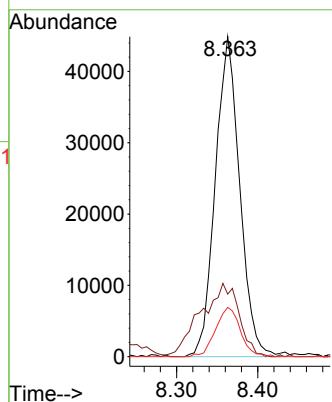


#43
Isopropyl Acetate
Concen: 50.286 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

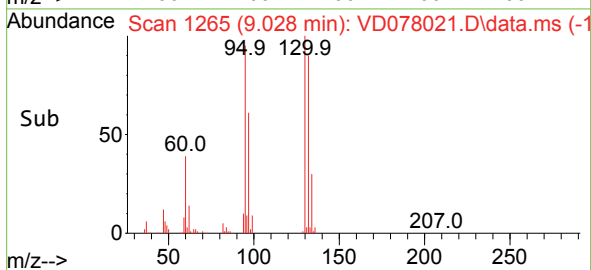
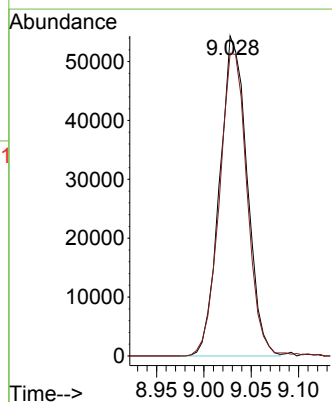
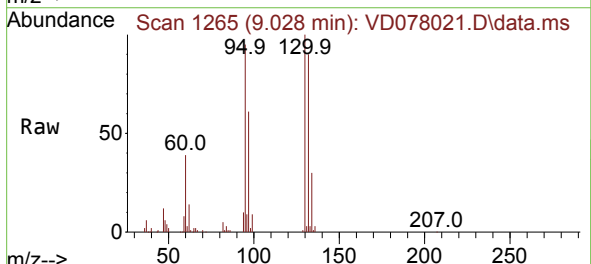


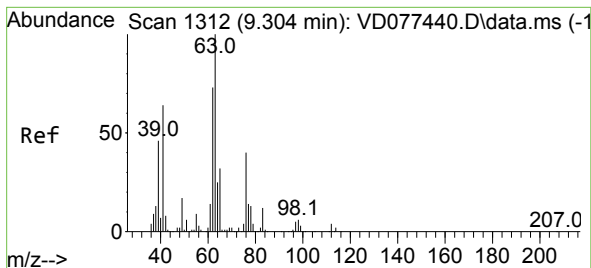
Tgt Ion: 43 Resp: 93898
Ion Ratio Lower Upper
43 100
61 35.9 31.4 47.0
87 15.7 14.9 22.3



#44
Trichloroethene
Concen: 54.956 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:130 Resp: 109504
Ion Ratio Lower Upper
130 100
95 94.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.480 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

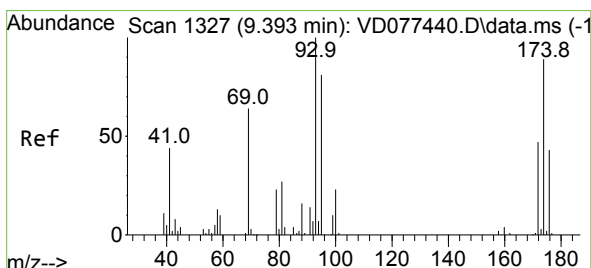
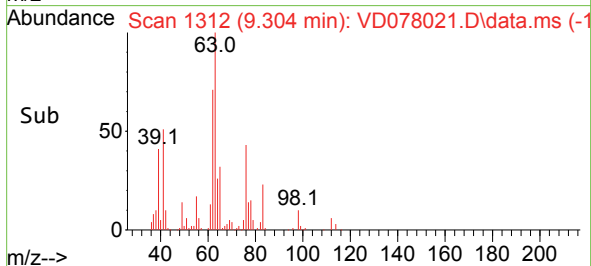
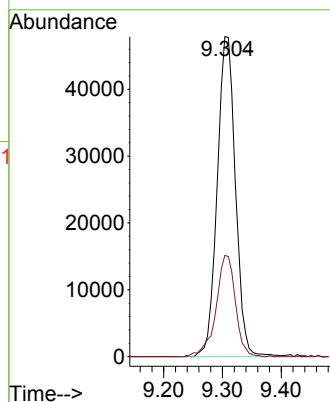
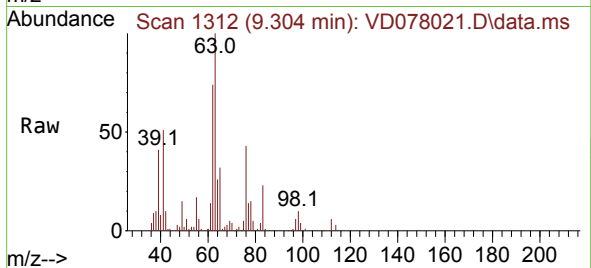
ClientSampleId :

Tgt Ion: 63 Resp: 103123

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 56.951 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

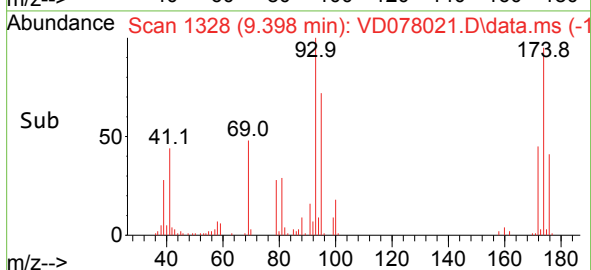
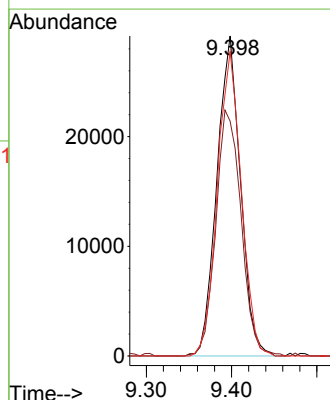
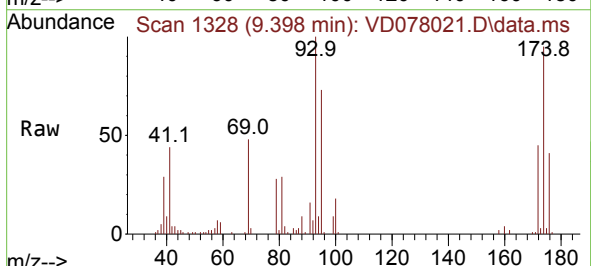
Tgt Ion: 93 Resp: 56010

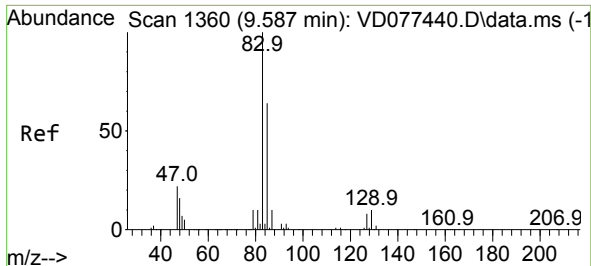
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 96.5 85.4 128.2

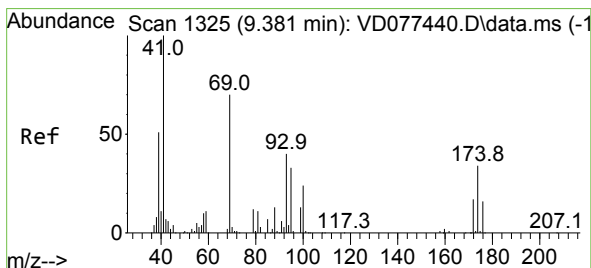
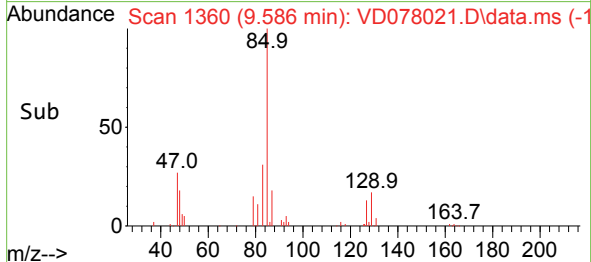
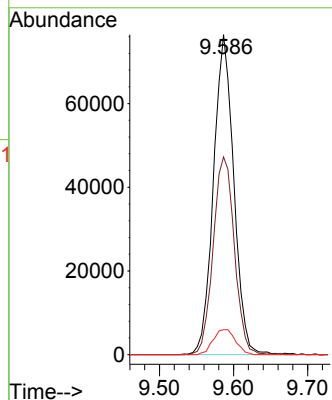
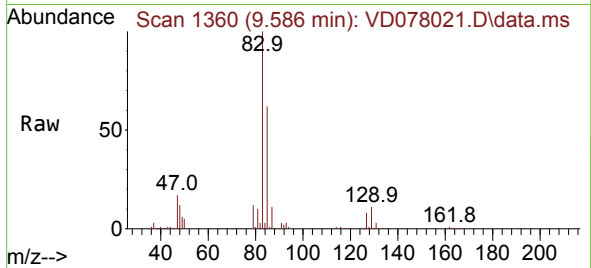




#47
Bromodichloromethane
Concen: 58.285 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

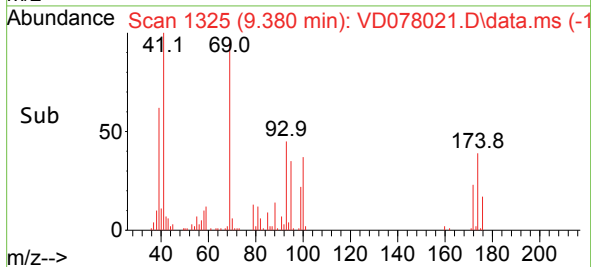
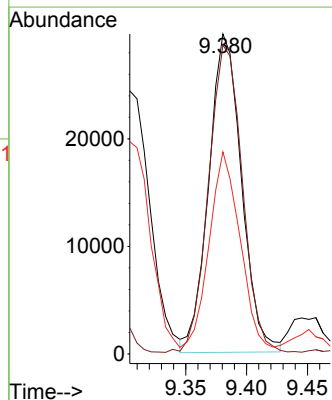
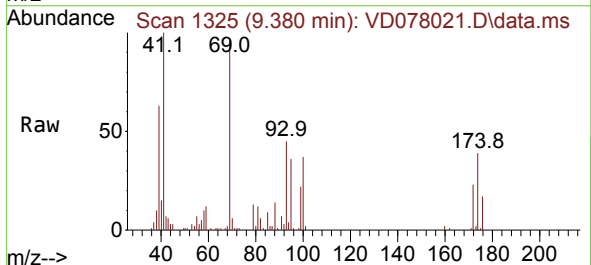
Instrument :
MSVOA_D
ClientSampleId :

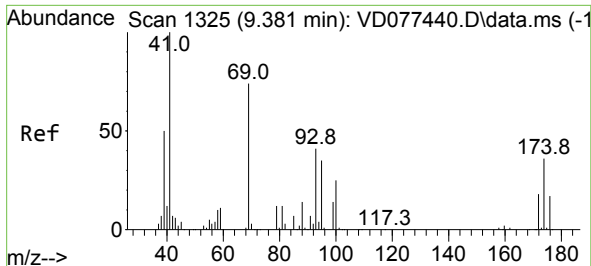
Tgt Ion: 83 Resp: 145292
Ion Ratio Lower Upper
83 100
85 61.8 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 52.357 ug/l
RT: 9.380 min Scan# 1325
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 41 Resp: 55575
Ion Ratio Lower Upper
41 100
69 99.1 102.2 153.2#
39 59.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1072.120 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

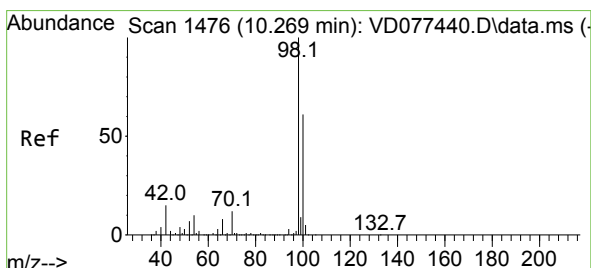
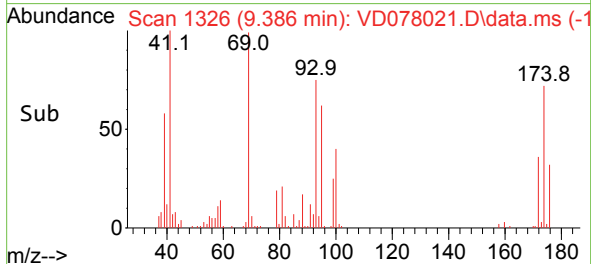
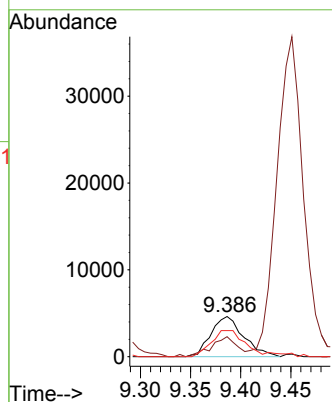
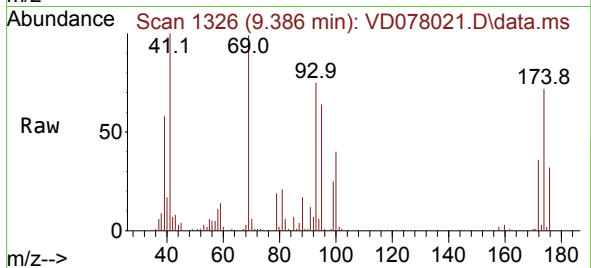
Tgt Ion: 88 Resp: 10470

Ion Ratio Lower Upper

88 100

43 39.2 19.0 28.6#

58 72.9 43.5 65.3#



#50

Toluene-d8

Concen: 47.549 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078021.D

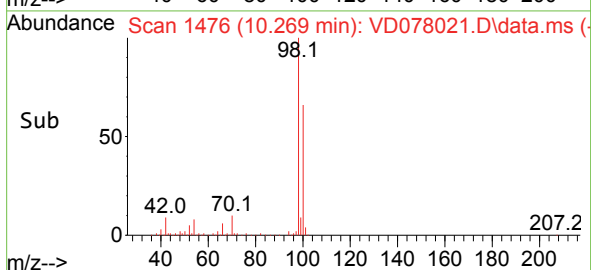
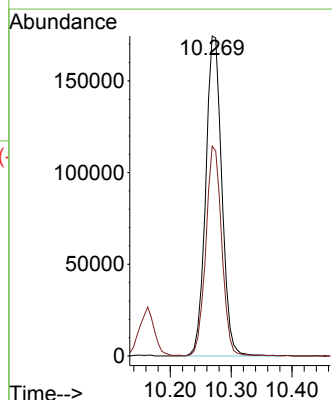
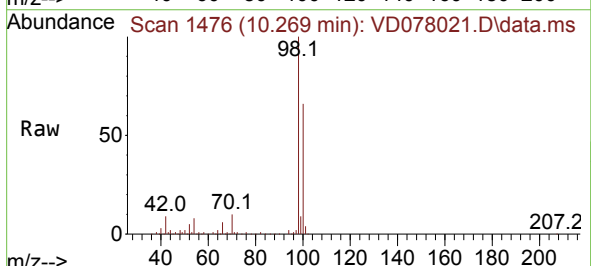
Acq: 21 Dec 2023 12:12

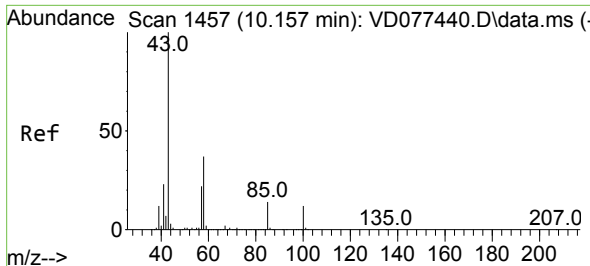
Tgt Ion: 98 Resp: 320740

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

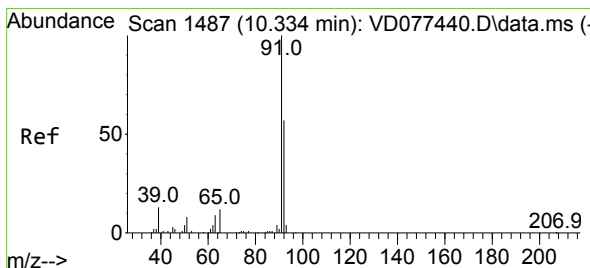
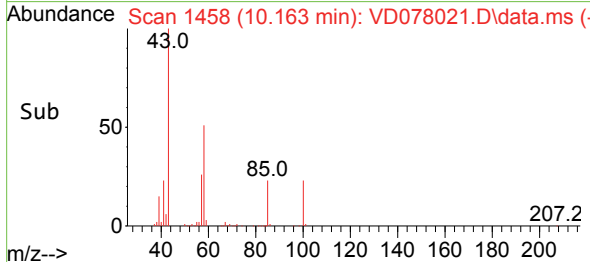
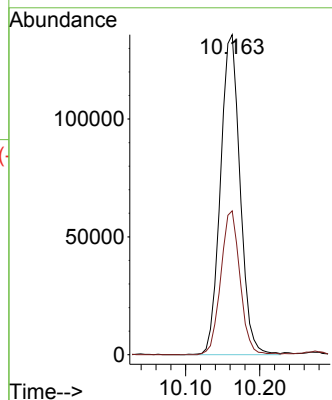
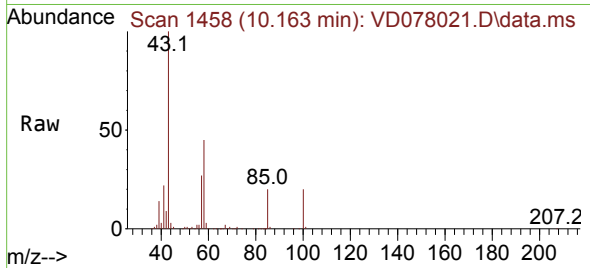




#51
4-Methyl-2-Pentanone
Concen: 262.111 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

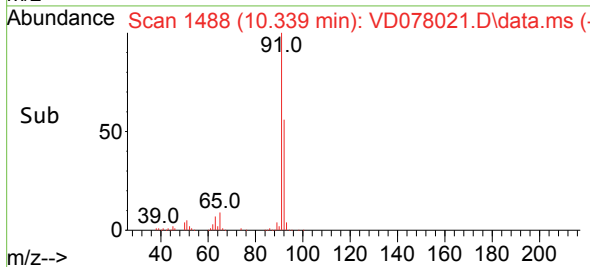
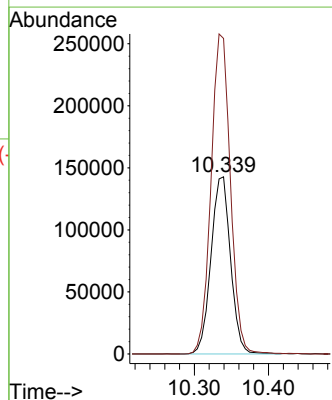
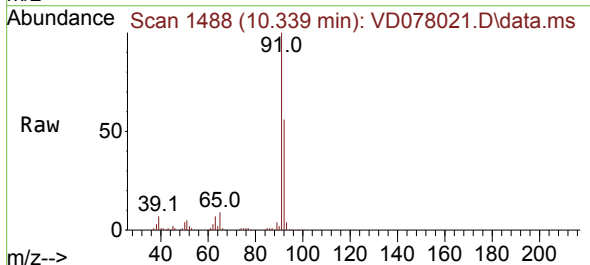
Instrument :
MSVOA_D
ClientSampleId :

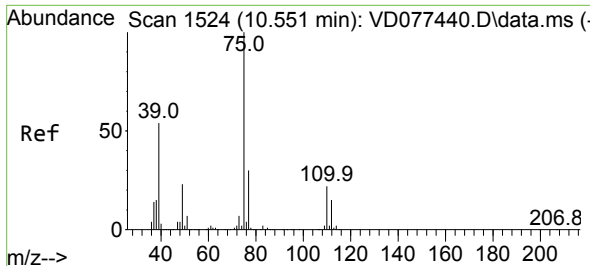
Tgt Ion: 43 Resp: 249790
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3



#52
Toluene
Concen: 55.114 ug/l
RT: 10.339 min Scan# 1488
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 92 Resp: 261399
Ion Ratio Lower Upper
92 100
91 179.0 143.0 214.4

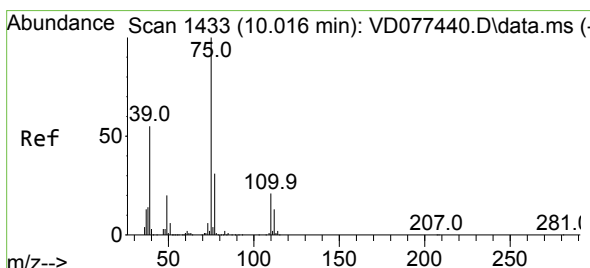
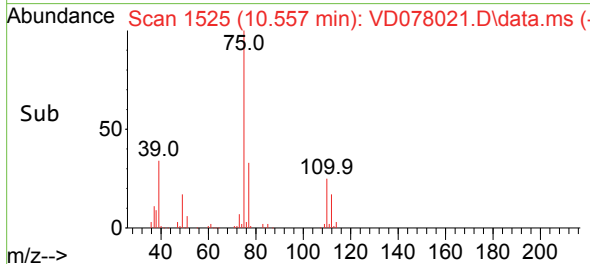
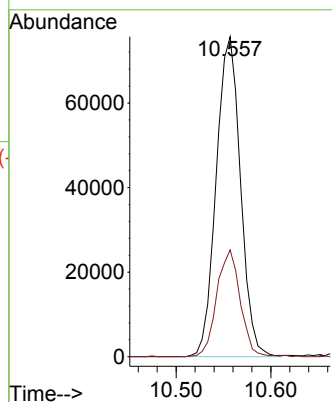
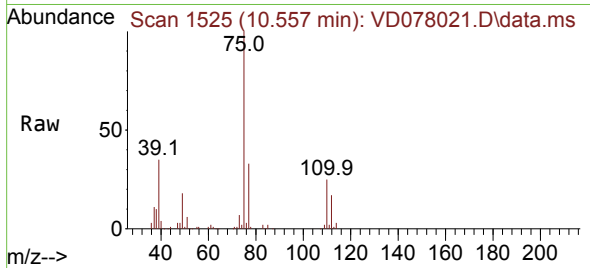




#53
t-1,3-Dichloropropene
Concen: 56.282 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

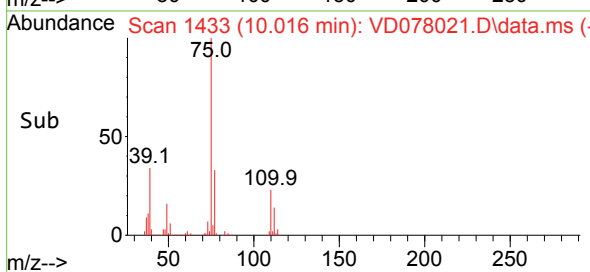
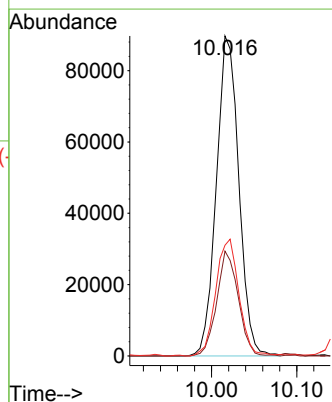
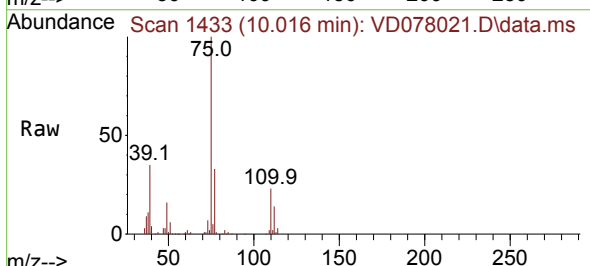
Instrument :
MSVOA_D
ClientSampleId :

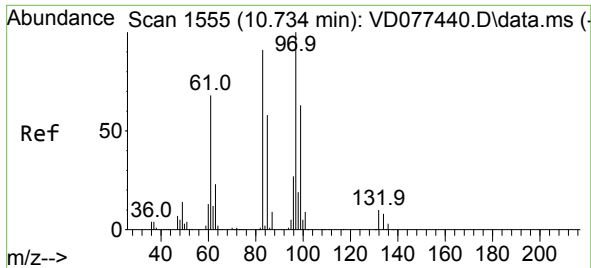
Tgt Ion: 75 Resp: 134730
Ion Ratio Lower Upper
75 100
77 33.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.766 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

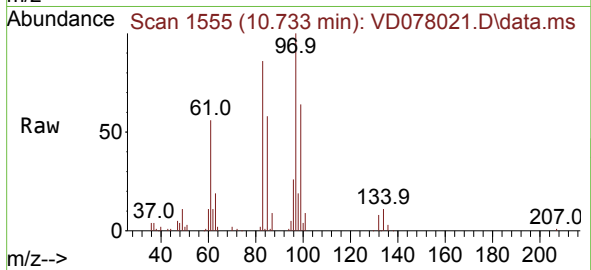
Tgt Ion: 75 Resp: 164294
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 34.4 22.1 33.1#



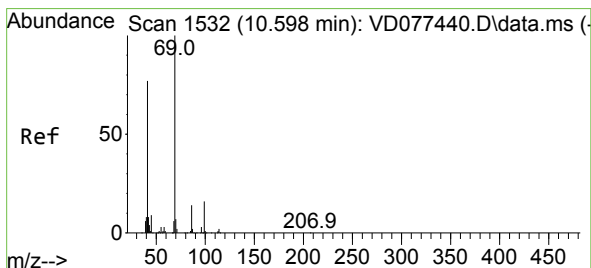
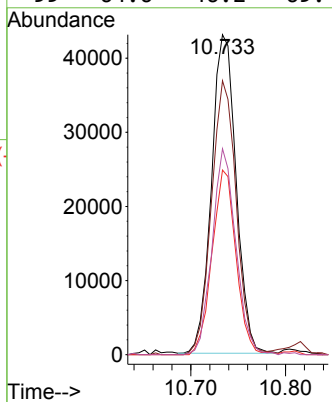
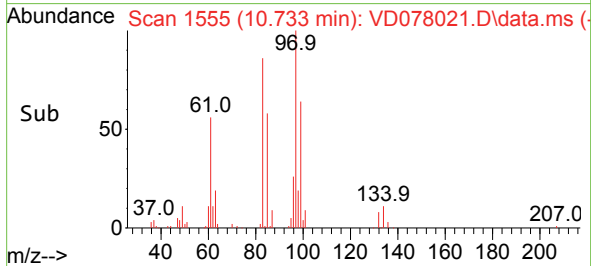


#55
1,1,2-Trichloroethane
Concen: 57.637 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

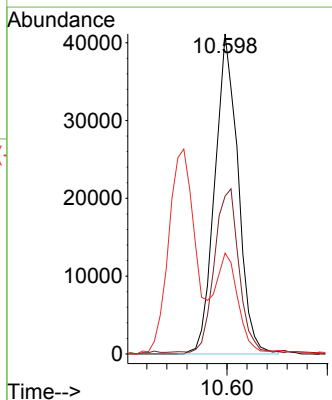
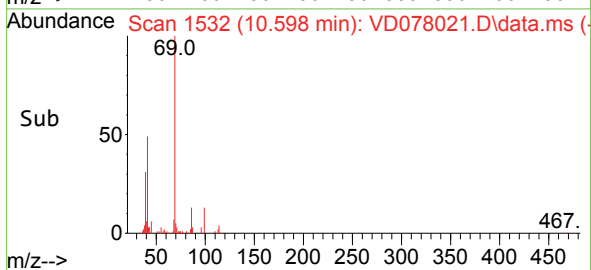
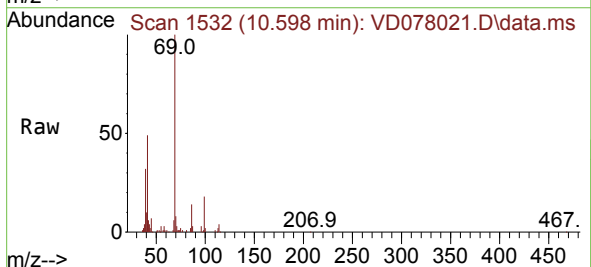


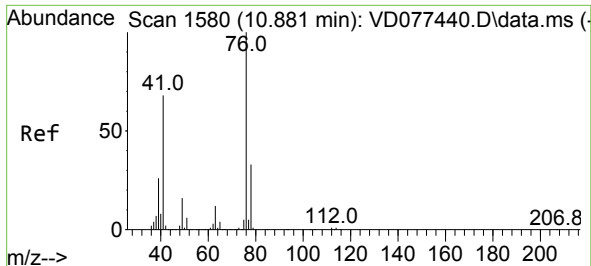
Tgt Ion:	97	Resp:	77536
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.6
85	58.0	45.7	68.5
99	64.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 55.722 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:	69	Resp:	66080
Ion	Ratio	Lower	Upper
69	100		
41	54.1	39.1	58.7
39	29.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 56.855 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

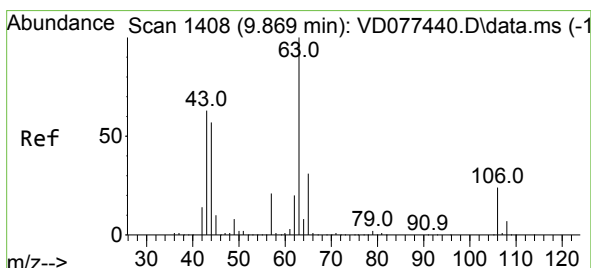
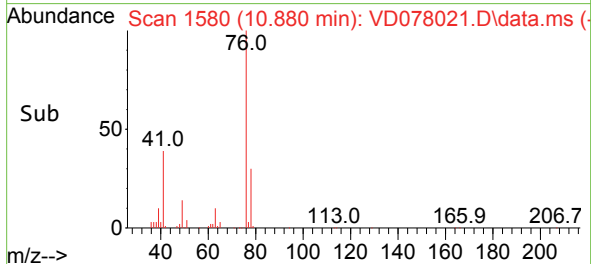
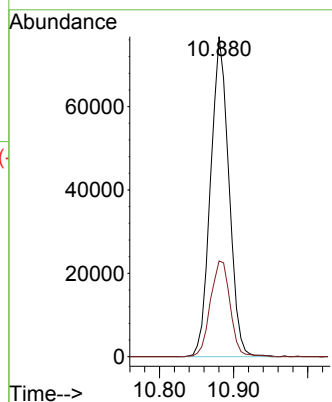
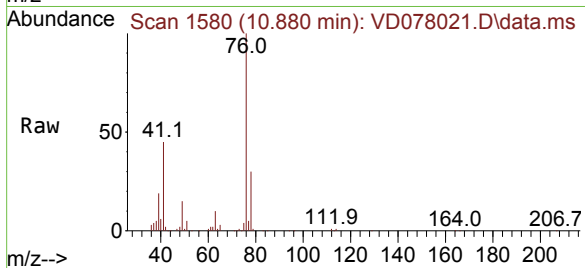
ClientSampleId :

Tgt Ion: 76 Resp: 131838

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 205.326 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078021.D

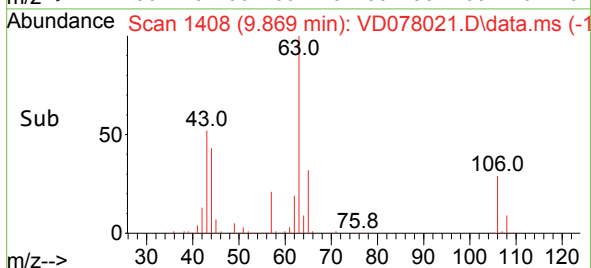
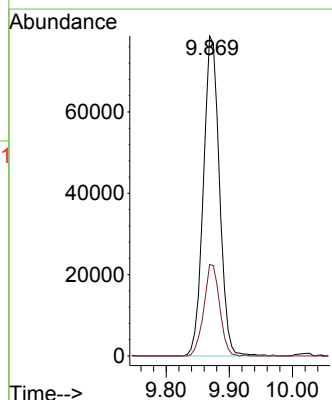
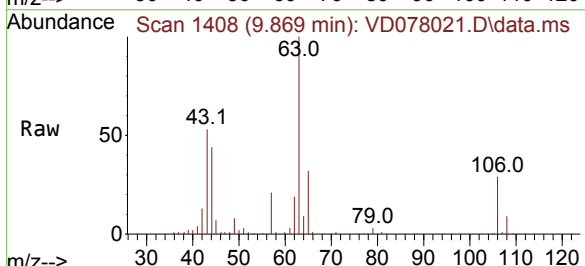
Acq: 21 Dec 2023 12:12

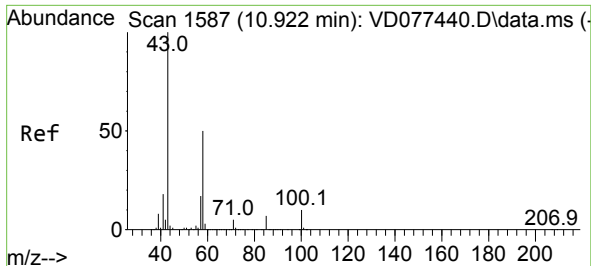
Tgt Ion: 63 Resp: 138858

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

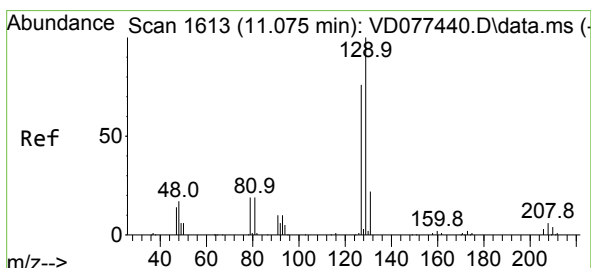
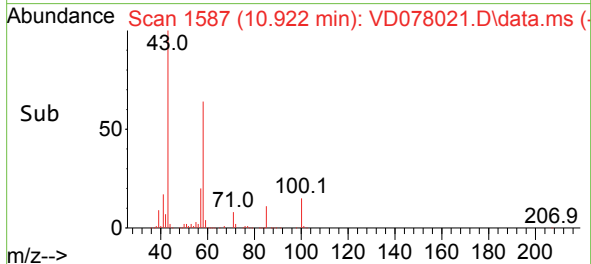
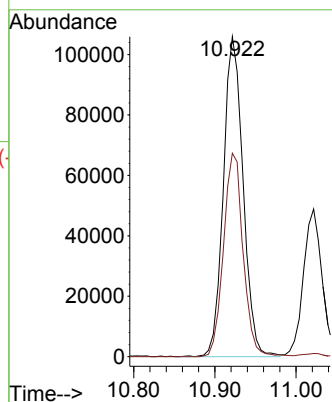
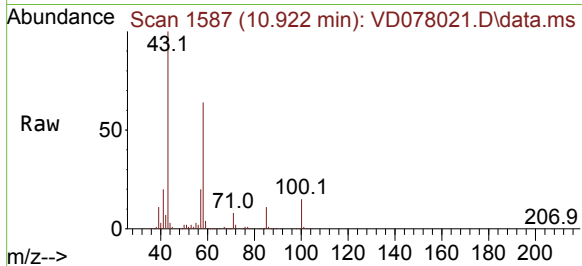




#59
2-Hexanone
Concen: 226.245 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

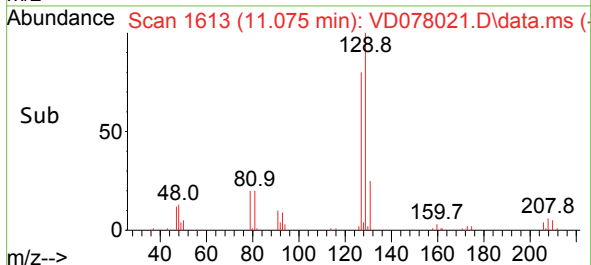
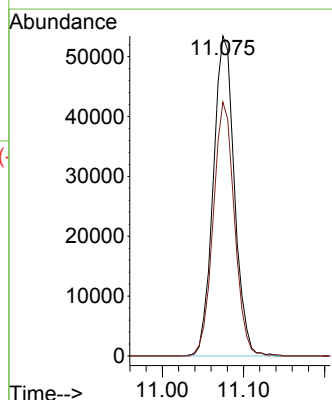
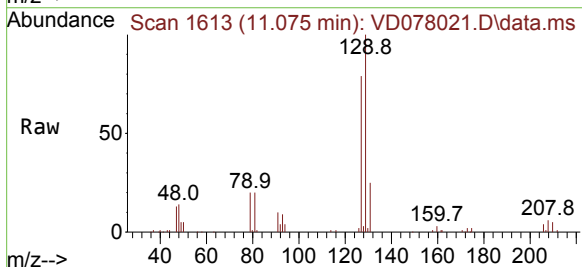
Instrument :
MSVOA_D
ClientSampleId :

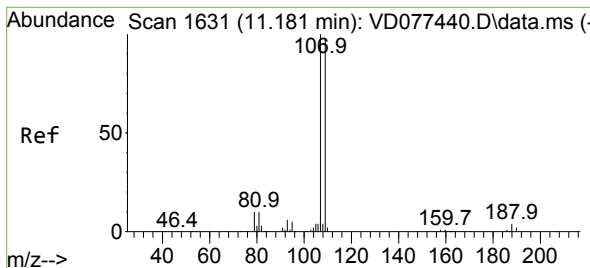
Tgt Ion: 43 Resp: 178880
Ion Ratio Lower Upper
43 100
58 63.3 34.1 102.2



#60
Dibromochloromethane
Concen: 59.818 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:129 Resp: 96884
Ion Ratio Lower Upper
129 100
127 79.7 37.1 111.5

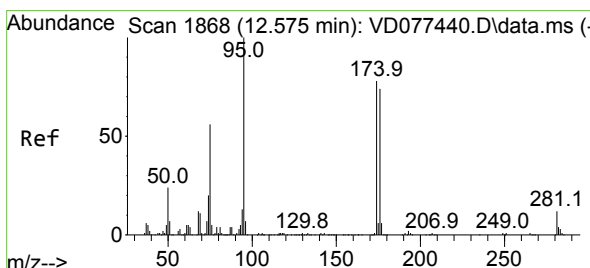
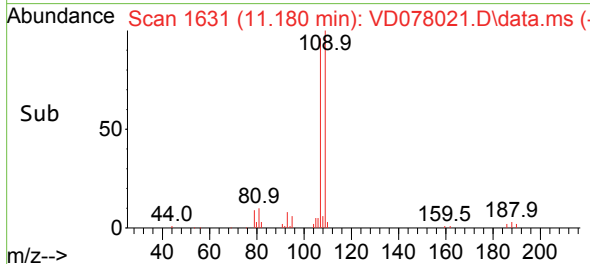
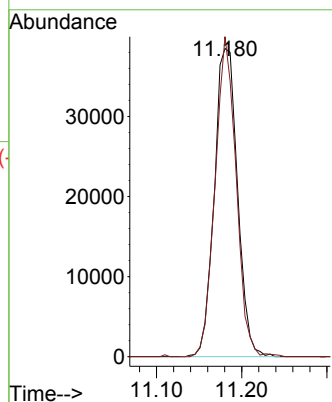
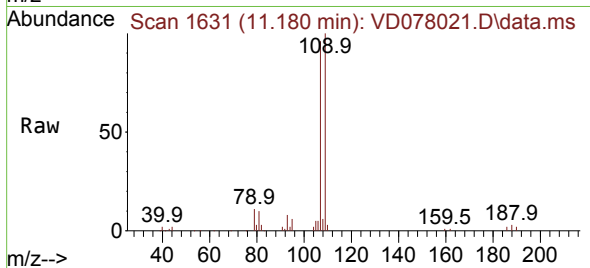




#61
1,2-Dibromoethane
Concen: 57.524 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

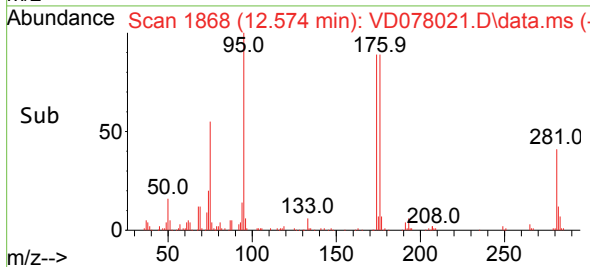
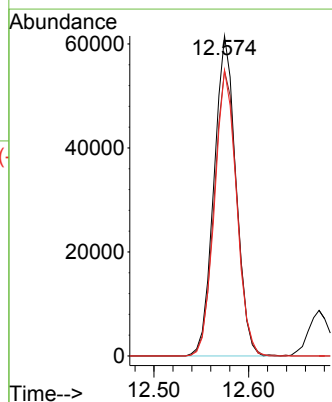
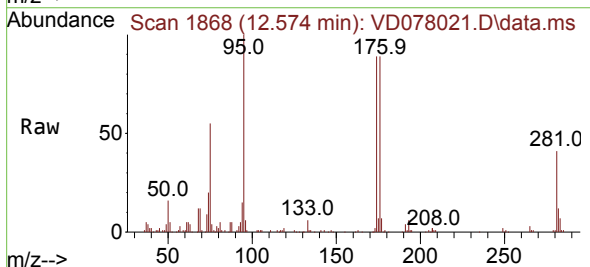
Instrument :
MSVOA_D
ClientSampleId :

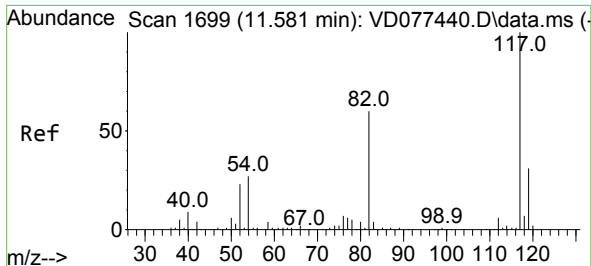
Tgt Ion:107 Resp: 72845
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.978 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 95 Resp: 98775
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 89.4 0.0 191.8

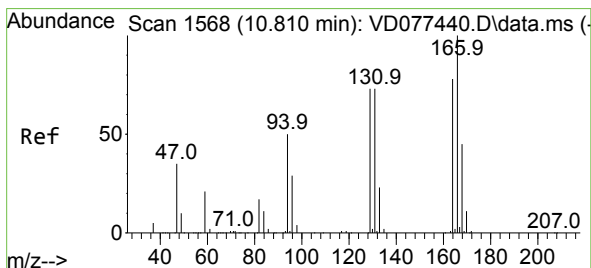
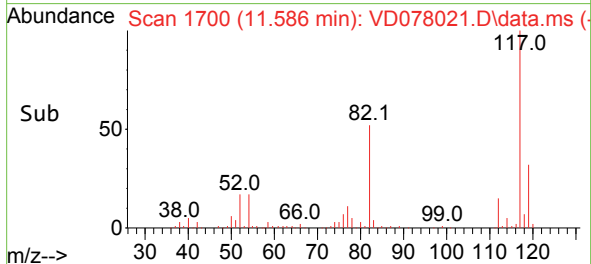
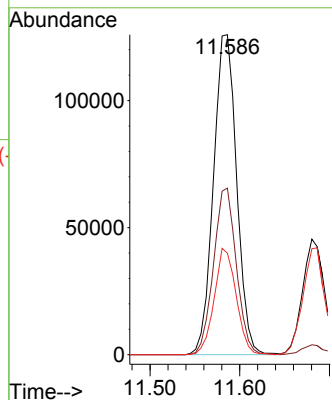
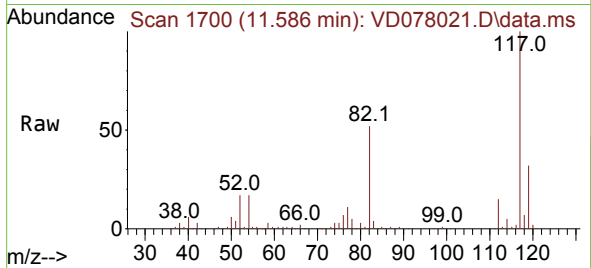




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

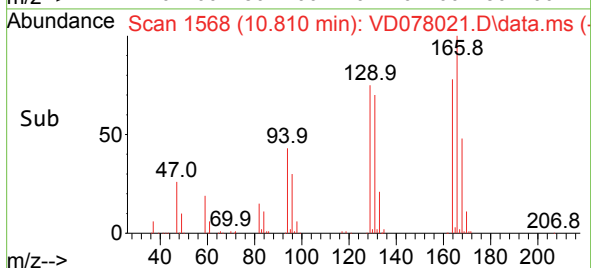
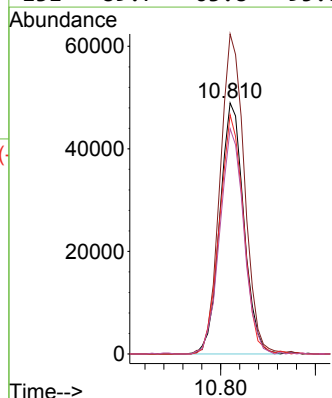
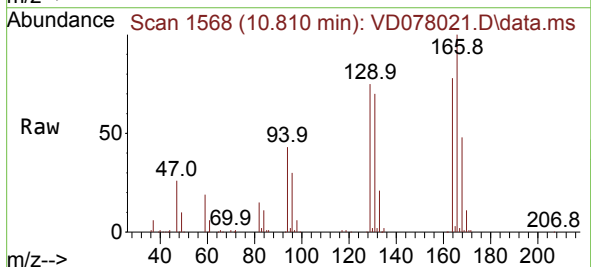
Instrument :
MSVOA_D
ClientSampleId :

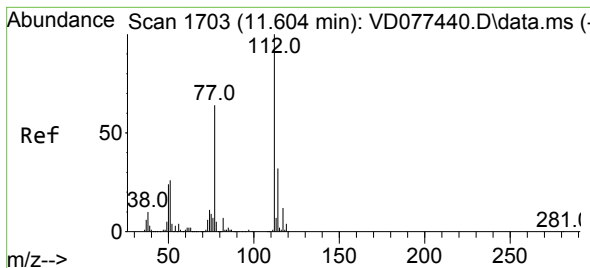
Tgt Ion:117 Resp: 225928
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 51.774 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:164 Resp: 85974
Ion Ratio Lower Upper
164 100
166 127.4 99.2 148.8
129 95.3 68.4 102.6
131 89.7 63.8 95.8





#65

Chlorobenzene

Concen: 53.797 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

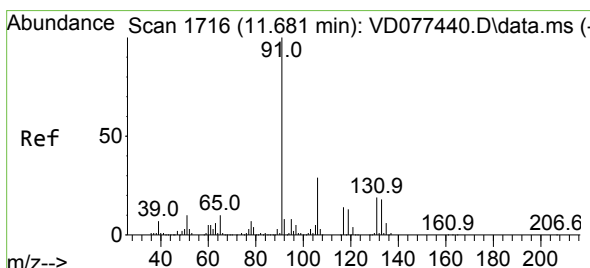
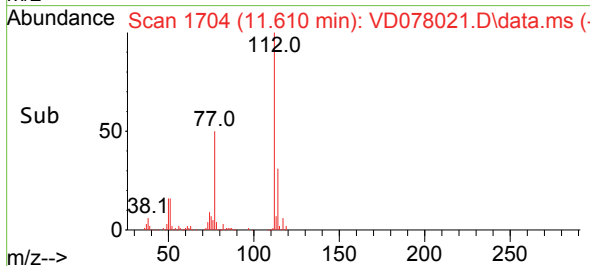
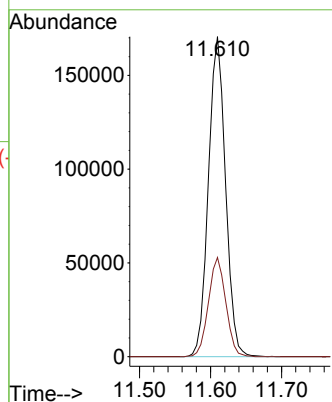
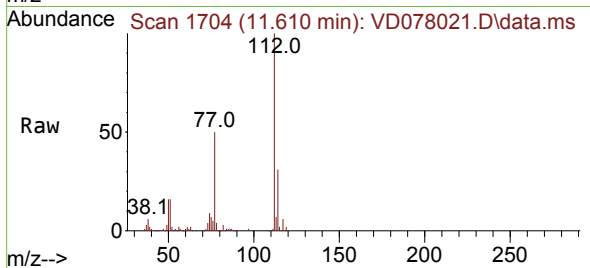
ClientSampleId :

Tgt Ion:112 Resp: 285761

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 57.499 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.005 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

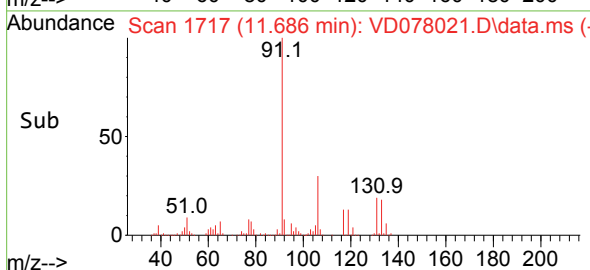
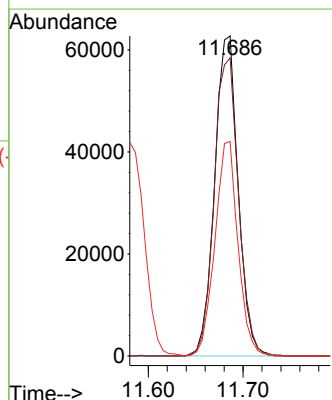
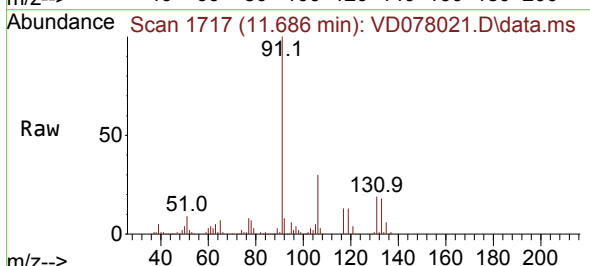
Tgt Ion:131 Resp: 108026

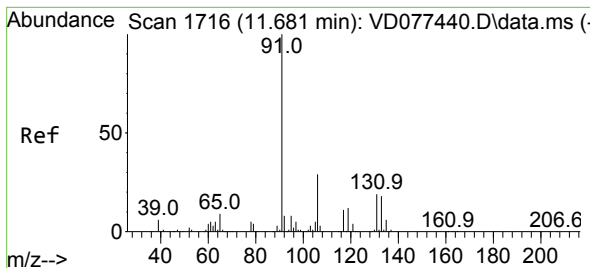
Ion Ratio Lower Upper

131 100

133 96.7 48.5 145.5

119 65.9 35.6 106.9





#67

Ethyl Benzene

Concen: 55.408 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.005 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

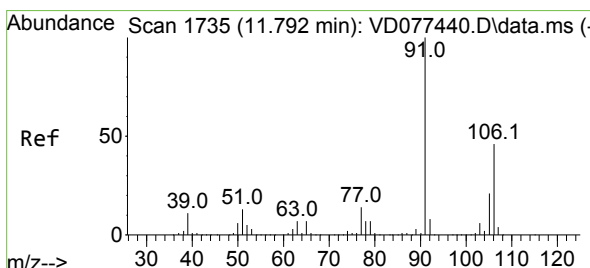
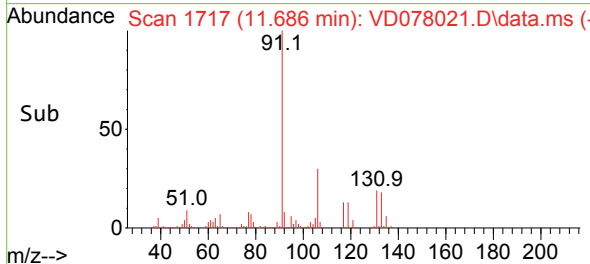
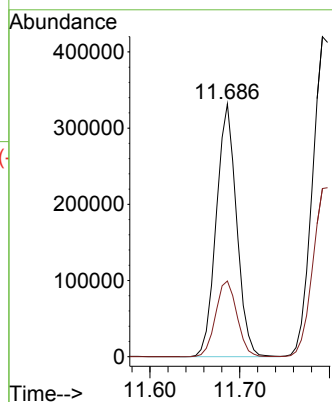
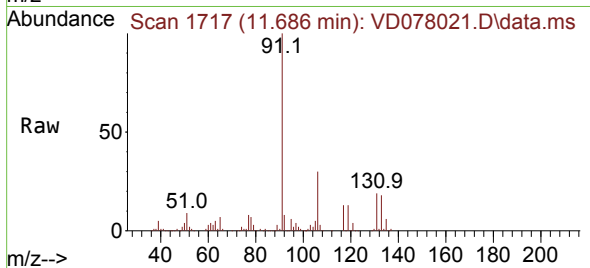
ClientSampleId :

Tgt Ion: 91 Resp: 521175

Ion Ratio Lower Upper

91 100

106 29.9 26.5 39.7



#68

m/p-Xylenes

Concen: 114.888 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD078021.D

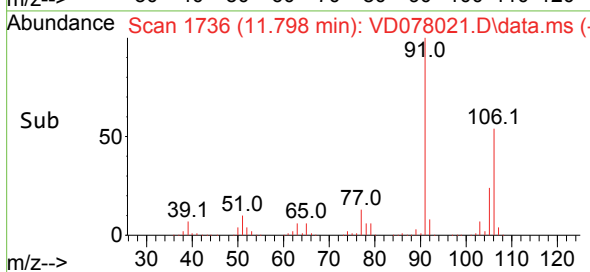
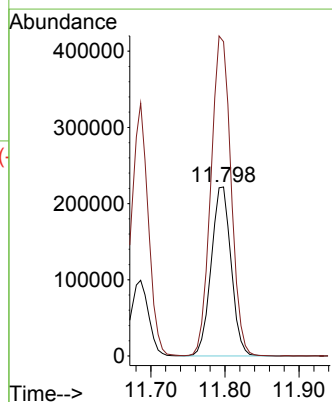
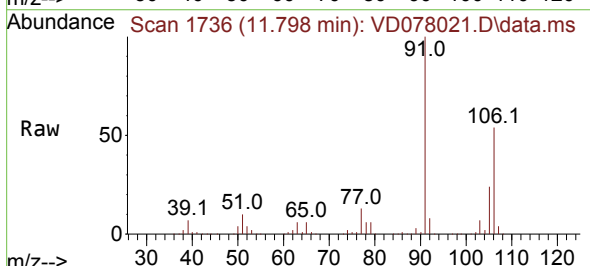
Acq: 21 Dec 2023 12:12

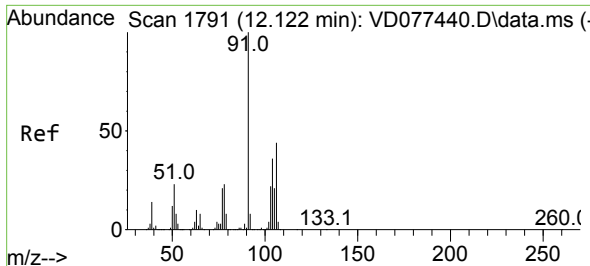
Tgt Ion:106 Resp: 413351

Ion Ratio Lower Upper

106 100

91 191.5 147.0 220.6

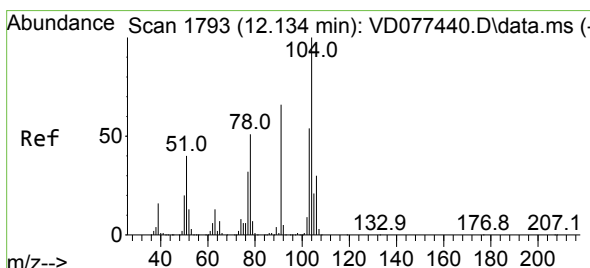
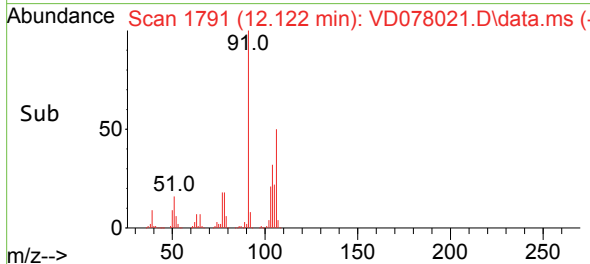
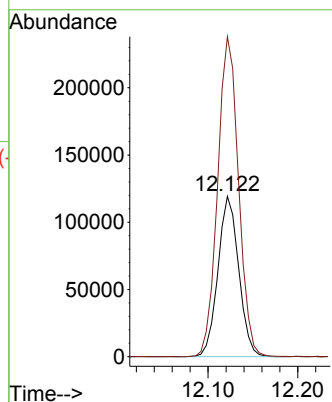
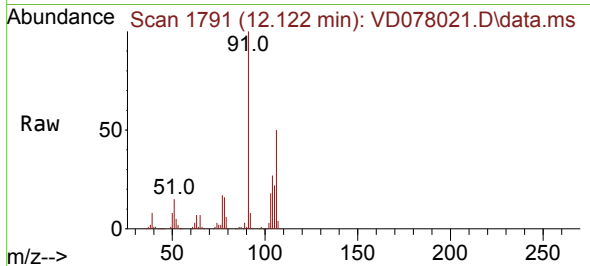




#69
o-Xylene
Concen: 57.749 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

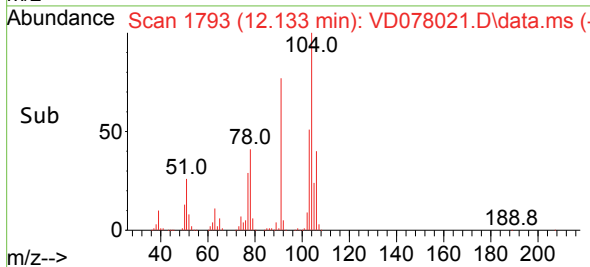
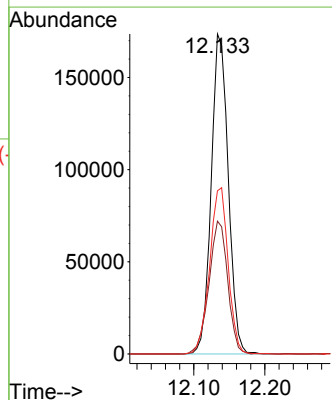
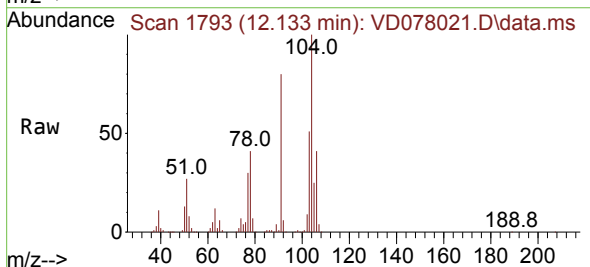
Instrument :
MSVOA_D
ClientSampleId :

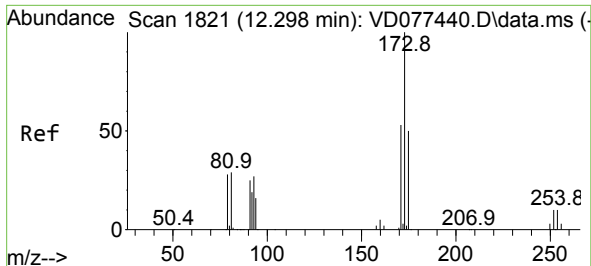
Tgt Ion:106 Resp: 191488
Ion Ratio Lower Upper
106 100
91 201.4 97.9 293.6



#70
Styrene
Concen: 58.675 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:104 Resp: 289301
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 56.4 43.6 65.4

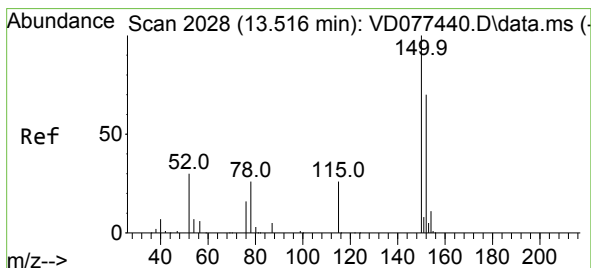
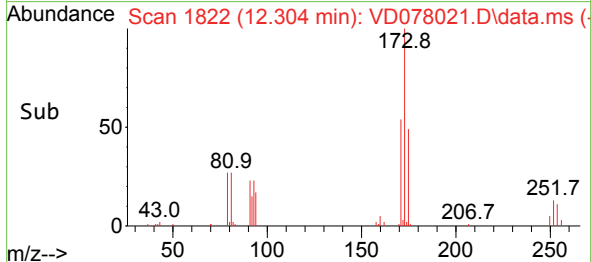
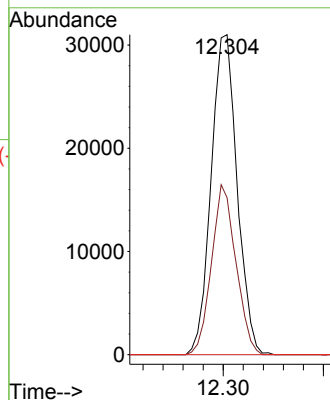
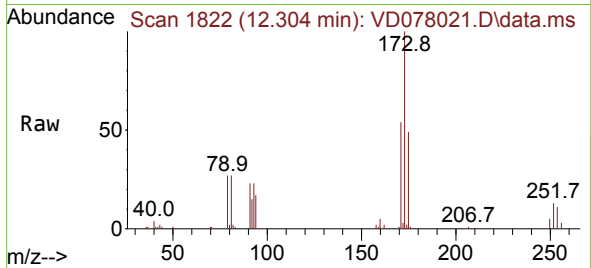




#71
Bromoform
Concen: 56.802 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

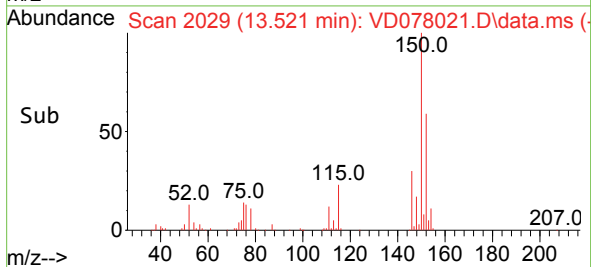
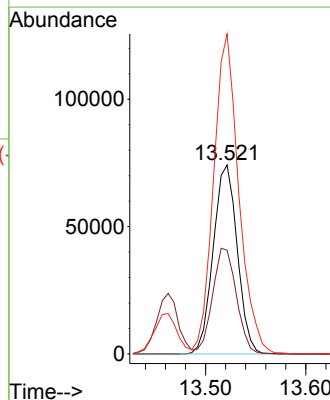
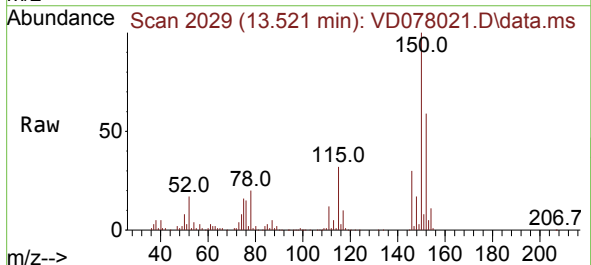
Instrument :
MSVOA_D
ClientSampleId :

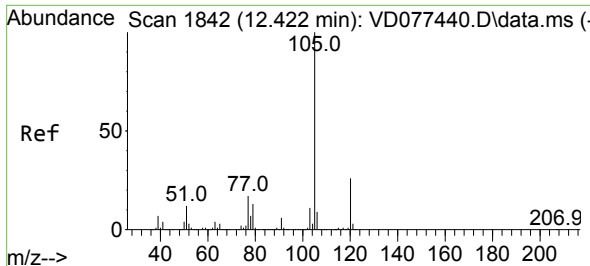
Tgt Ion:173 Resp: 55760
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. 0.005 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

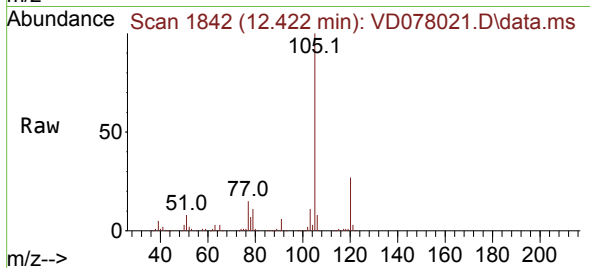
Tgt Ion:152 Resp: 123570
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 177.3 0.0 353.6



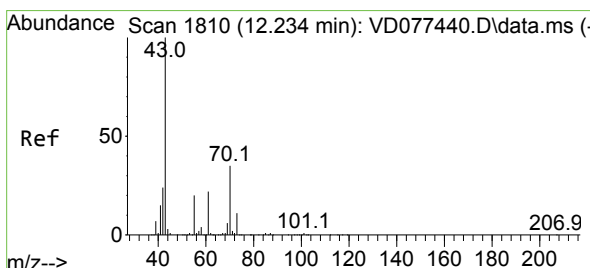
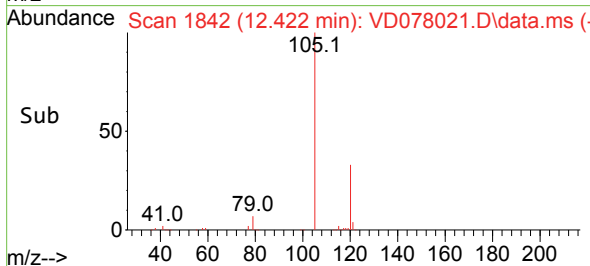
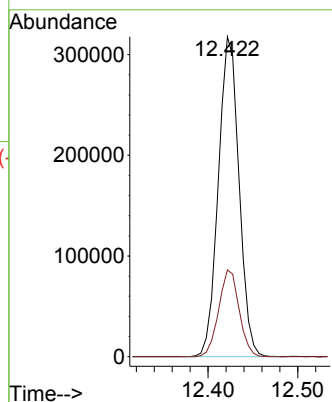


#73
Isopropylbenzene
Concen: 54.211 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

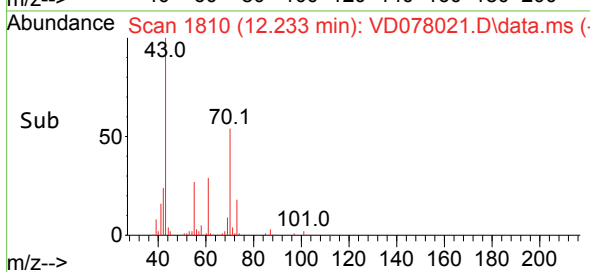
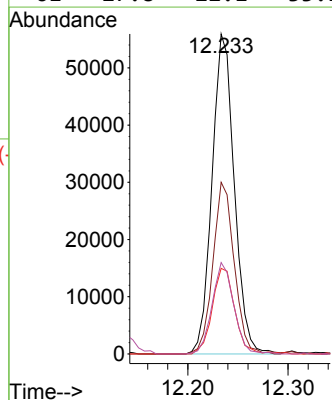
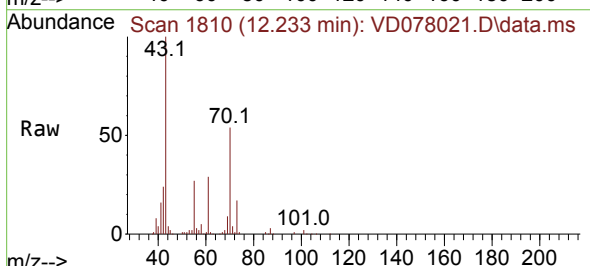


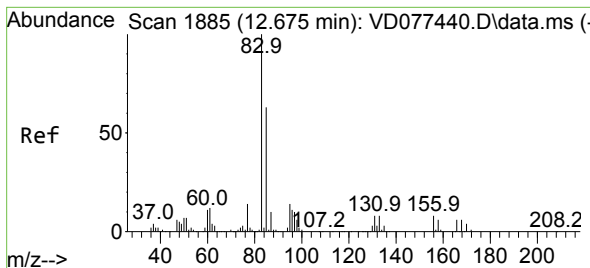
Tgt Ion:105 Resp: 507717
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 46.866 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 43 Resp: 86279
Ion Ratio Lower Upper
43 100
70 51.3 45.0 67.4
55 26.8 23.8 35.6
61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.534 ug/l

RT: 12.674 min Scan# 1885

Delta R.T. -0.001 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

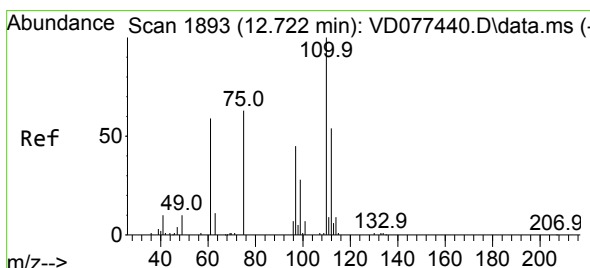
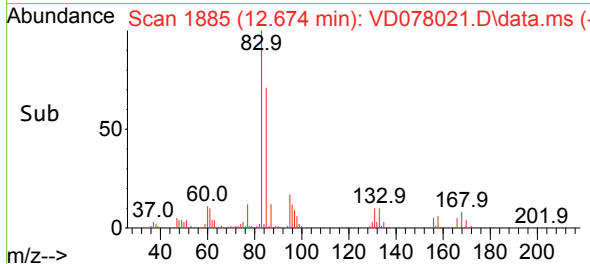
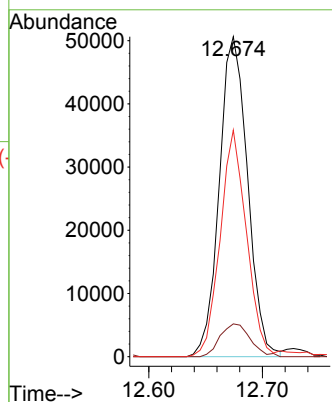
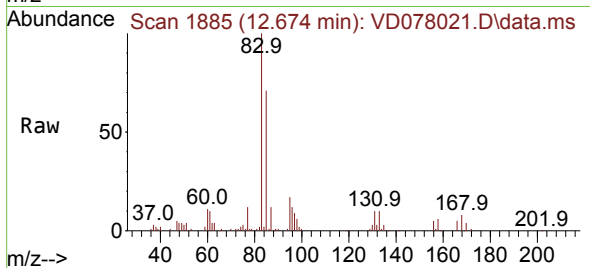
Tgt Ion: 83 Resp: 87421

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 67.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 102.935 ug/l

RT: 12.721 min Scan# 1893

Delta R.T. -0.001 min

Lab File: VD078021.D

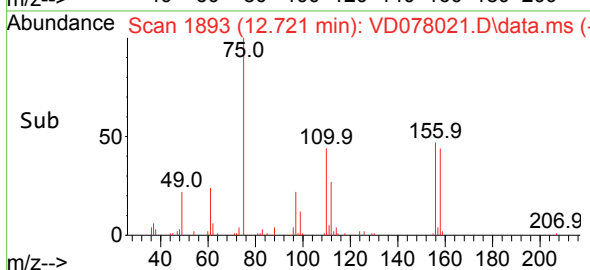
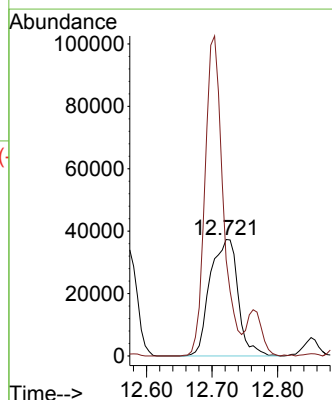
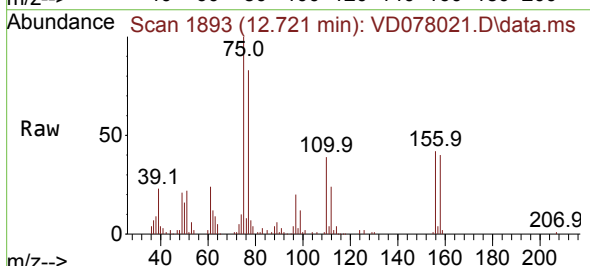
Acq: 21 Dec 2023 12:12

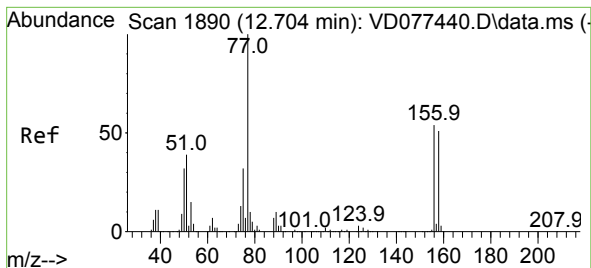
Tgt Ion: 75 Resp: 110471

Ion Ratio Lower Upper

75 100

77 179.1 0.0 0.0#

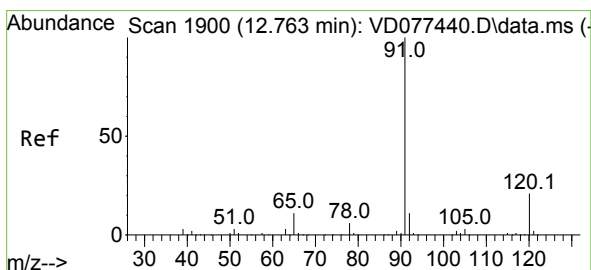
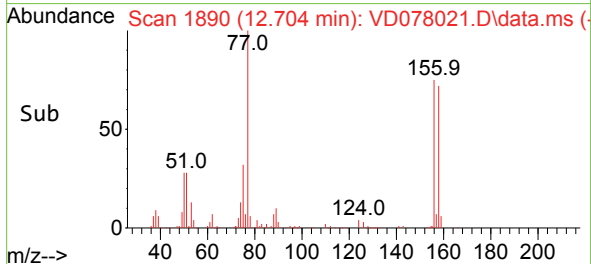
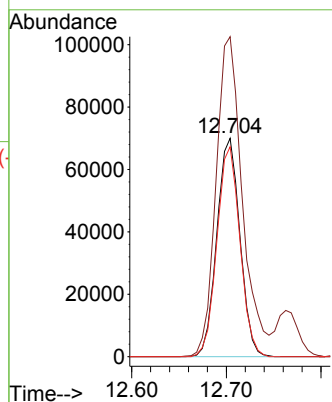
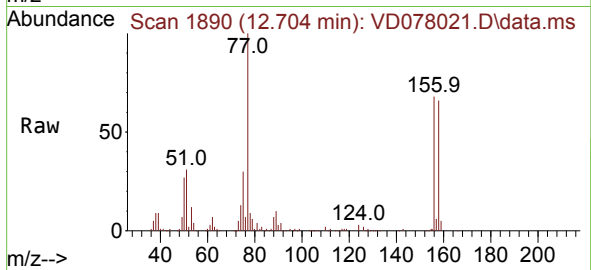




#77
Bromobenzene
Concen: 53.763 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

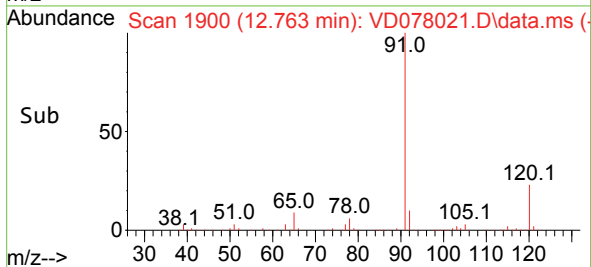
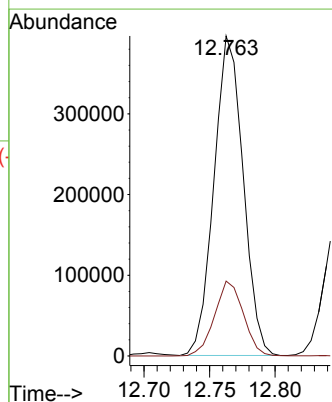
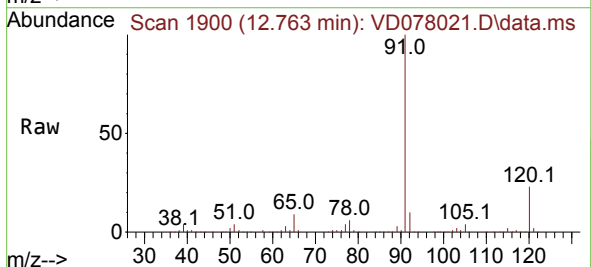
Instrument :
MSVOA_D
ClientSampleId :

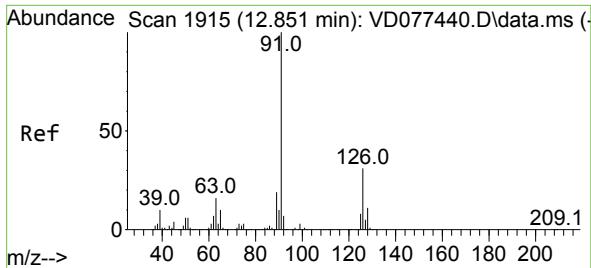
Tgt Ion	Ratio	Lower	Upper
156	100		
77	167.0	76.8	230.4
158	95.8	48.6	145.9



#78
n-propylbenzene
Concen: 53.666 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.4	37.2

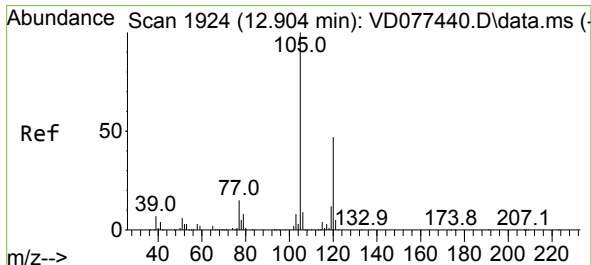
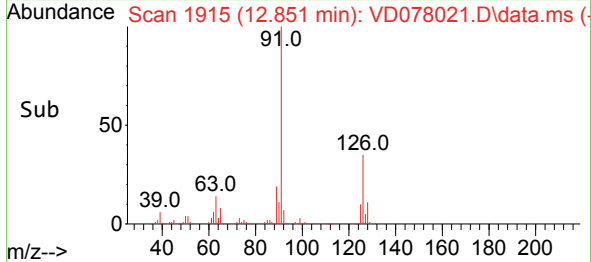
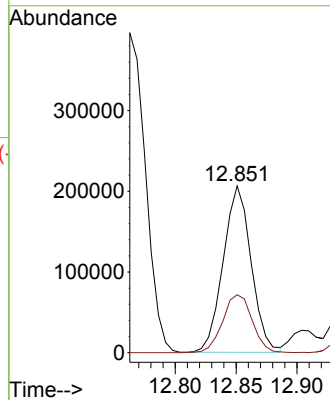
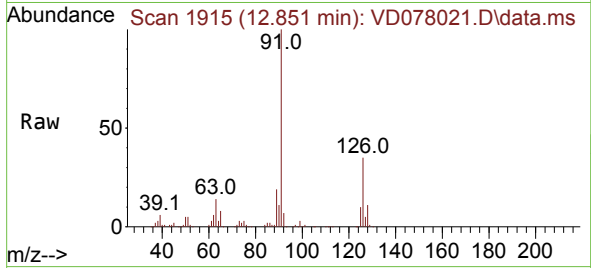




#79
2-Chlorotoluene
Concen: 54.021 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

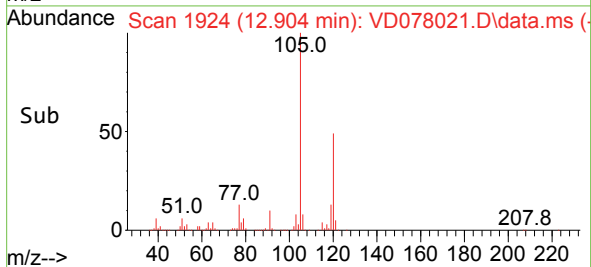
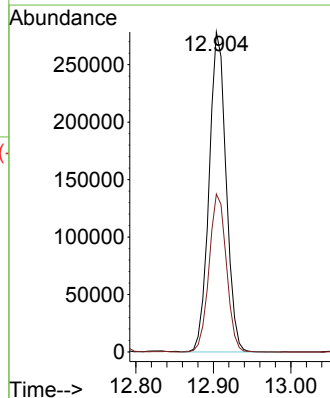
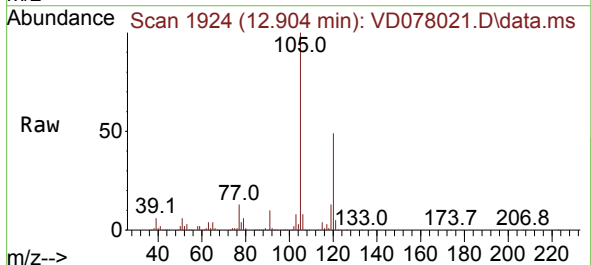
Instrument :
MSVOA_D
ClientSampleId :

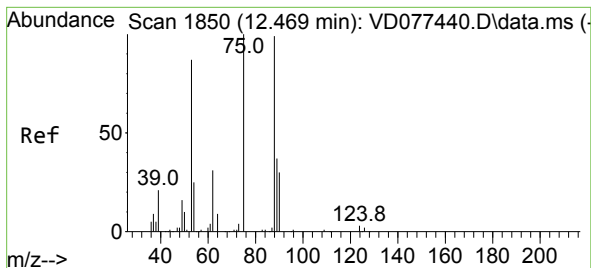
Tgt Ion: 91 Resp: 330386
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.233 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:105 Resp: 423625
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

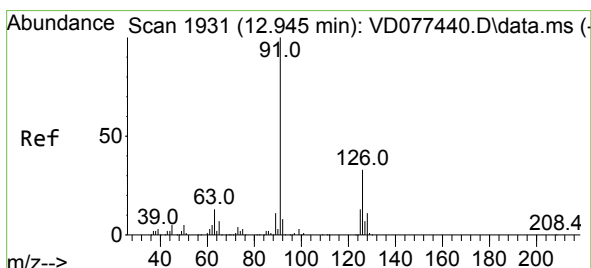
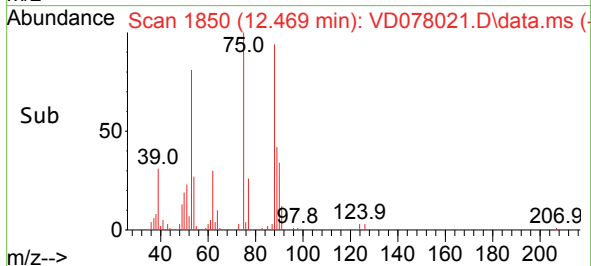
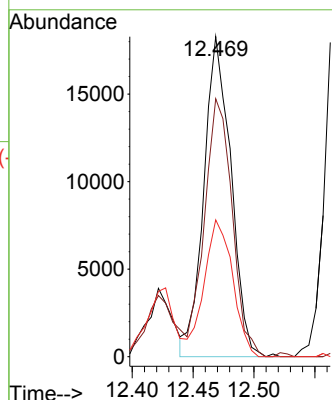
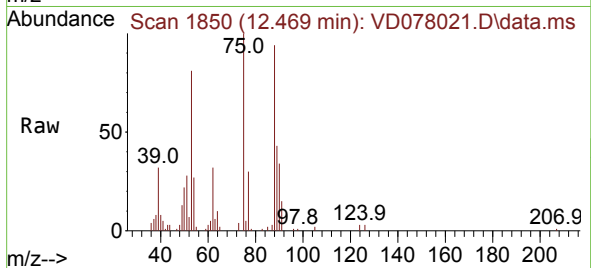




#81
trans-1,4-Dichloro-2-butene
Concen: 53.409 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

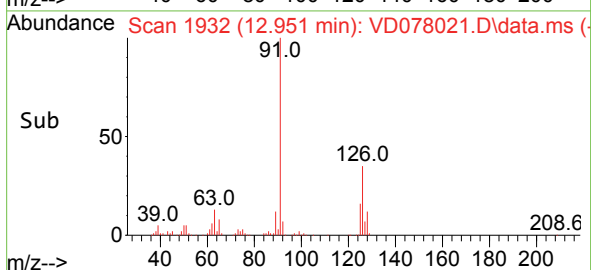
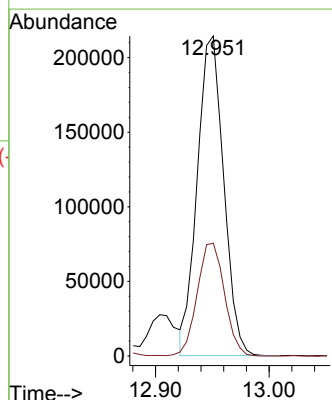
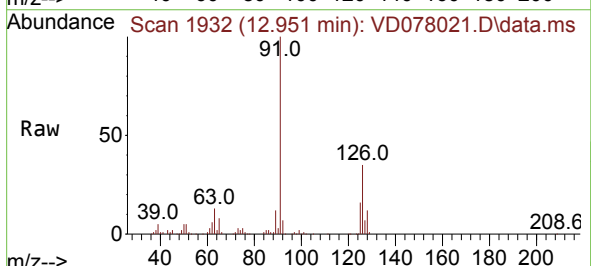
Instrument :
MSVOA_D
ClientSampleId :

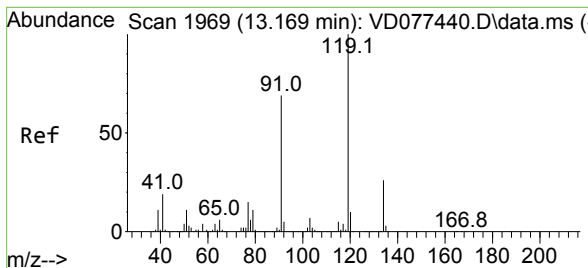
Tgt Ion: 75 Resp: 28291
Ion Ratio Lower Upper
75 100
53 82.0 63.0 94.4
89 44.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 54.048 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion: 91 Resp: 345565
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4

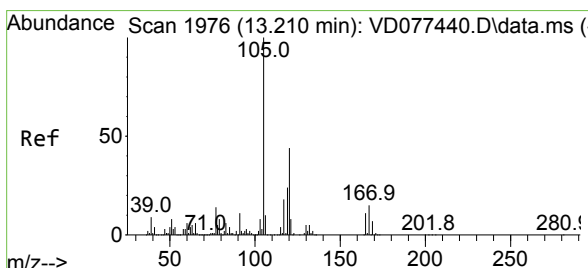
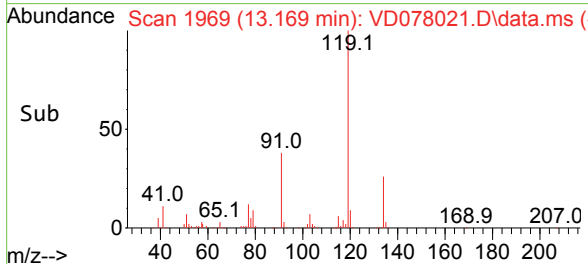
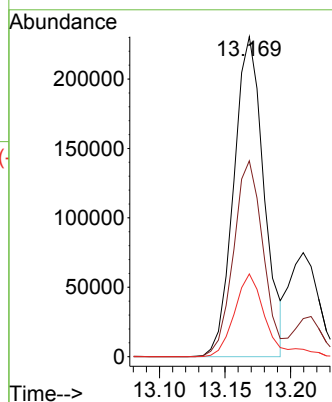
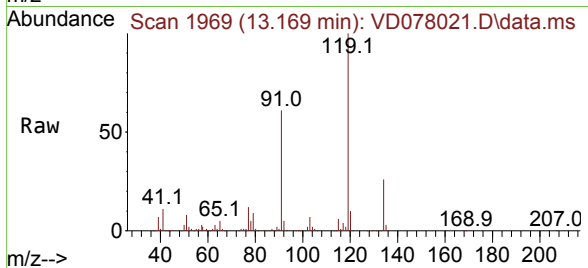




#83
tert-Butylbenzene
Concen: 56.074 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

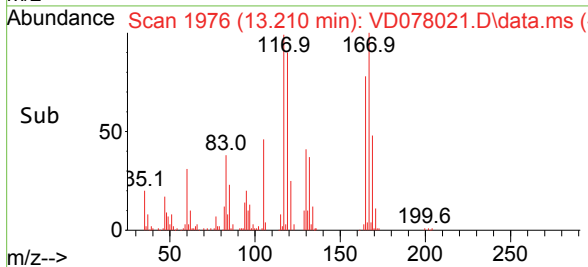
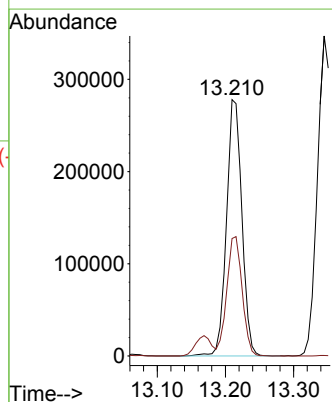
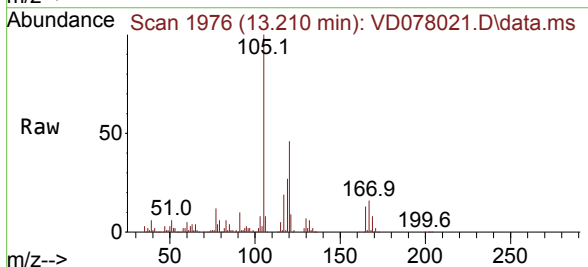
Instrument :
MSVOA_D
ClientSampleId :

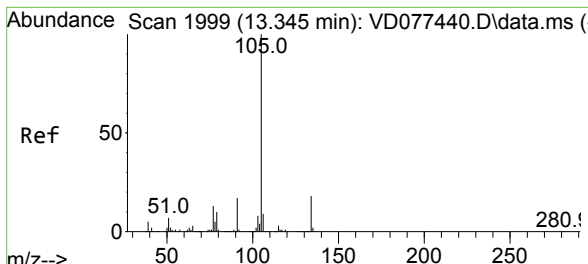
Tgt Ion:119 Resp: 369780
Ion Ratio Lower Upper
119 100
91 61.0 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 55.823 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:105 Resp: 436127
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9

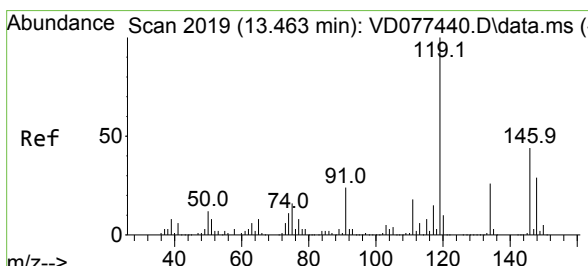
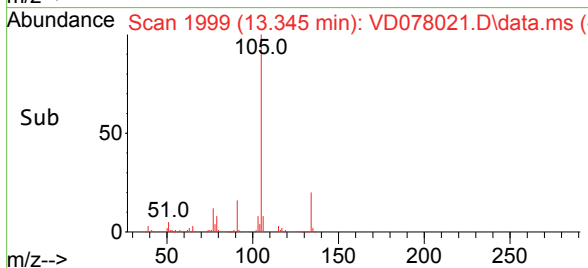
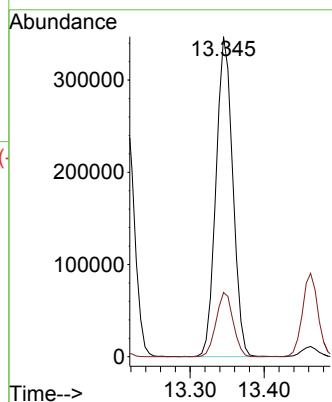
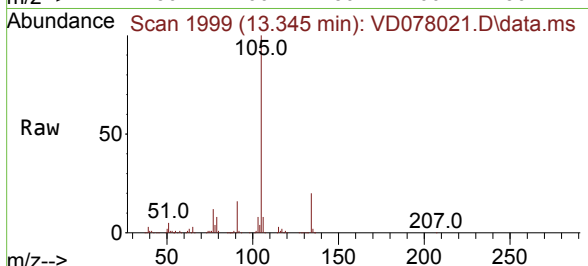




#85
 sec-Butylbenzene
 Concen: 55.921 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078021.D
 Acq: 21 Dec 2023 12:12

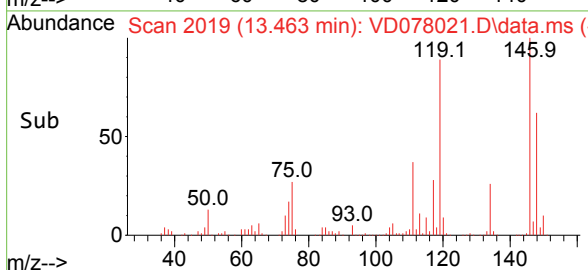
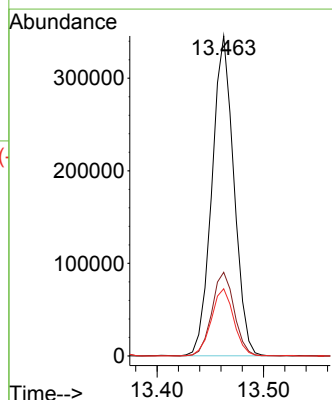
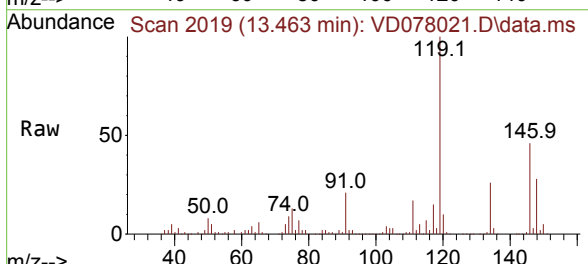
Instrument :
 MSVOA_D
 ClientSampleId :

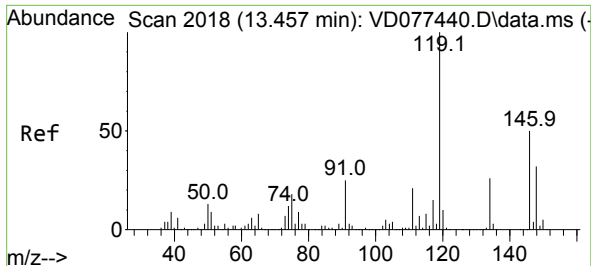
Tgt Ion:105 Resp: 545097
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 56.674 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078021.D
 Acq: 21 Dec 2023 12:12

Tgt Ion:119 Resp: 494613
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 21.7 10.5 31.5

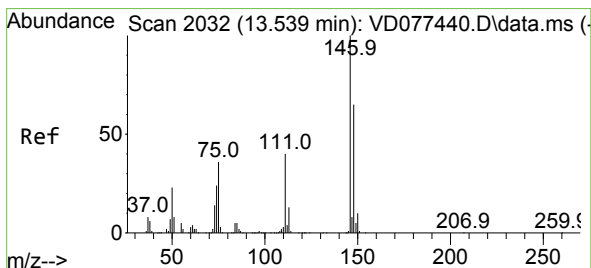
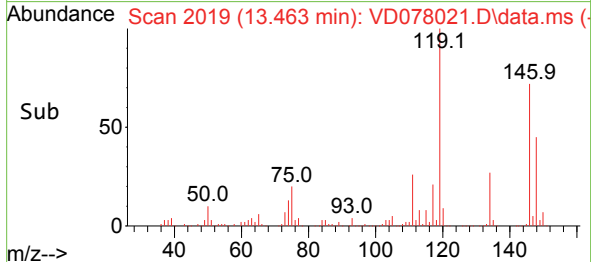
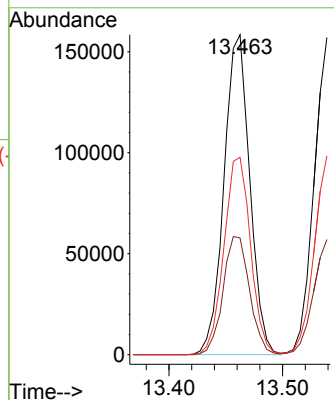
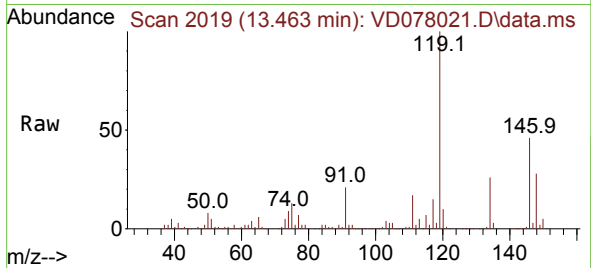




#87
1,3-Dichlorobenzene
Concen: 55.552 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

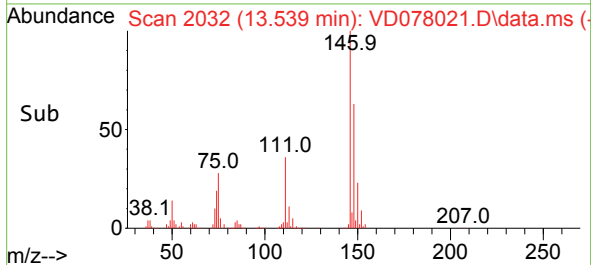
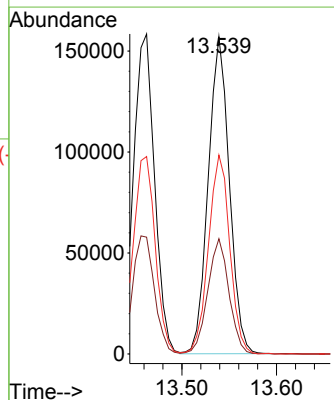
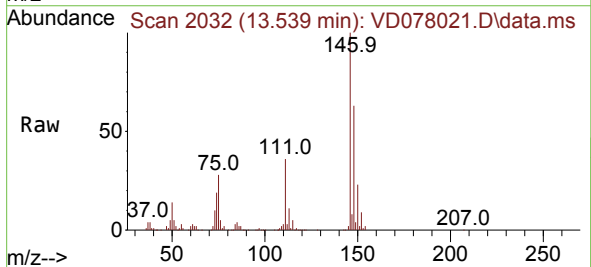
Instrument :
MSVOA_D
ClientSampleId :

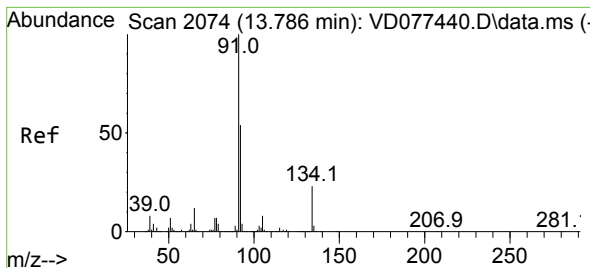
Tgt Ion:146 Resp: 250256
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 63.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 54.262 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:146 Resp: 243372
Ion Ratio Lower Upper
146 100
111 36.7 17.4 52.3
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 56.422 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

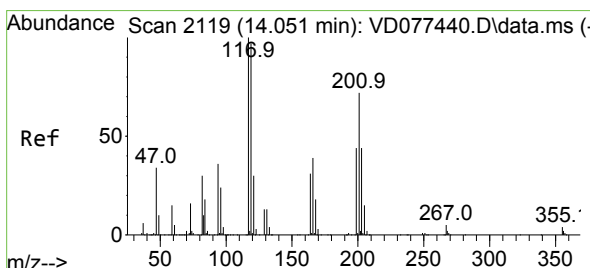
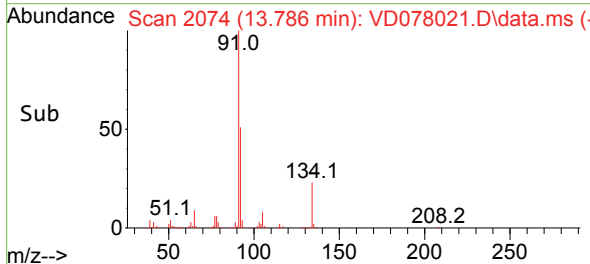
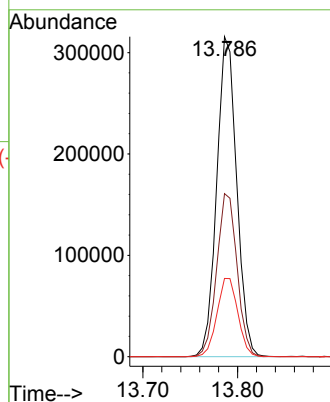
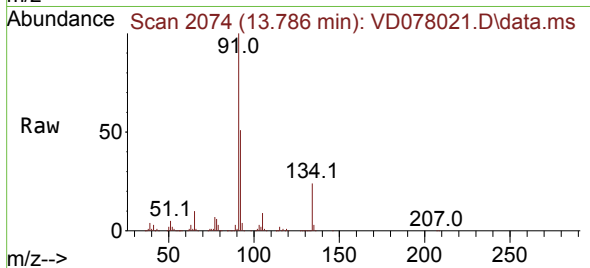
Tgt Ion: 91 Resp: 463335

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 25.6 13.8 41.3



#90

Hexachloroethane

Concen: 59.829 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078021.D

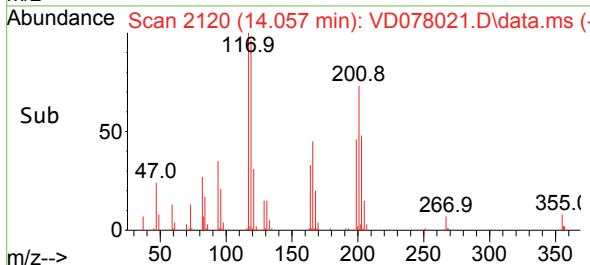
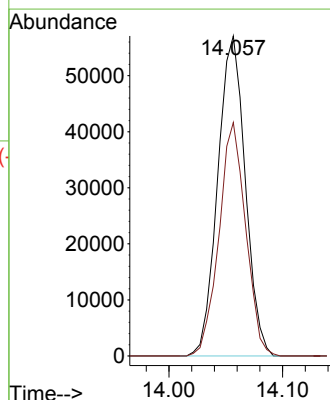
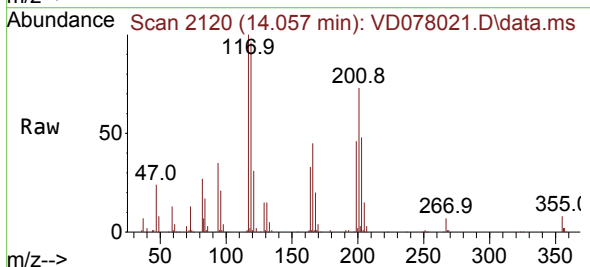
Acq: 21 Dec 2023 12:12

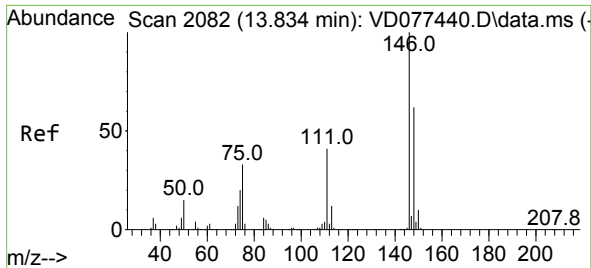
Tgt Ion: 117 Resp: 96026

Ion Ratio Lower Upper

117 100

201 70.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 55.356 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

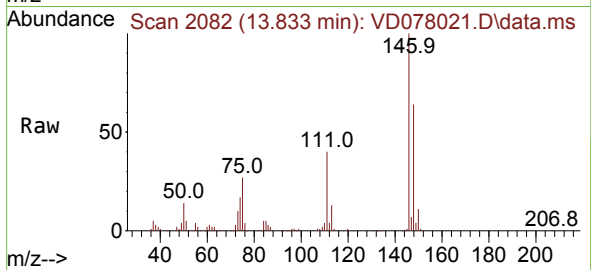
Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :



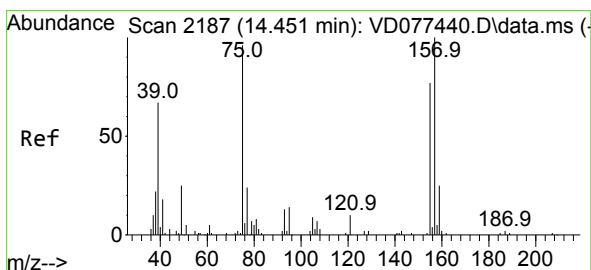
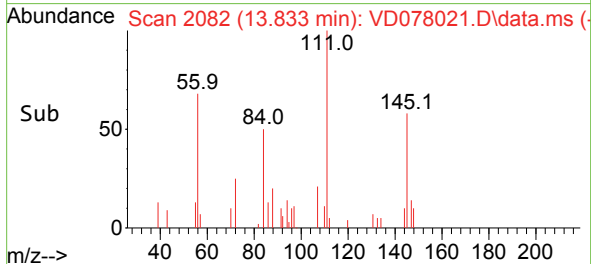
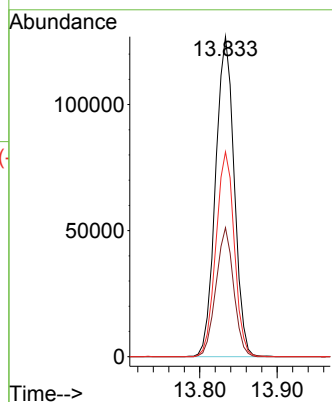
Tgt Ion:146 Resp: 212087

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 63.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.663 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD078021.D

Acq: 21 Dec 2023 12:12

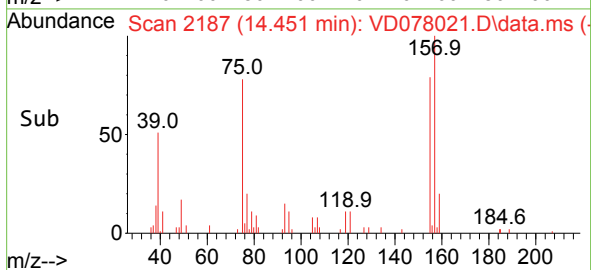
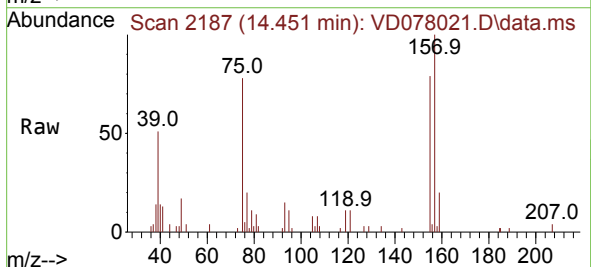
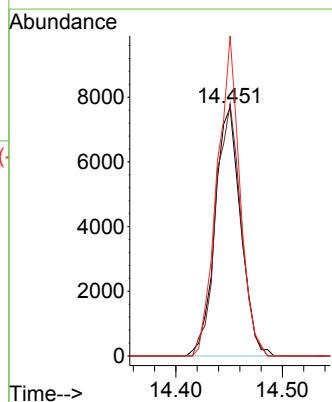
Tgt Ion: 75 Resp: 12909

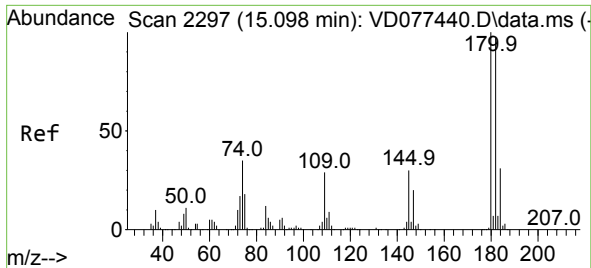
Ion Ratio Lower Upper

75 100

155 99.1 47.9 143.8

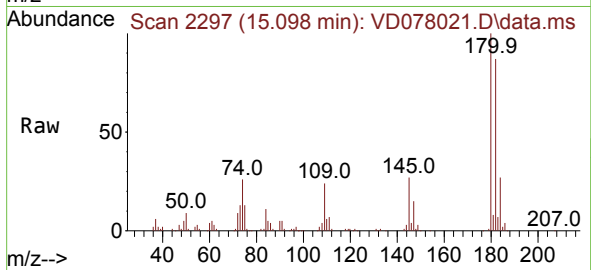
157 113.9 59.9 179.7



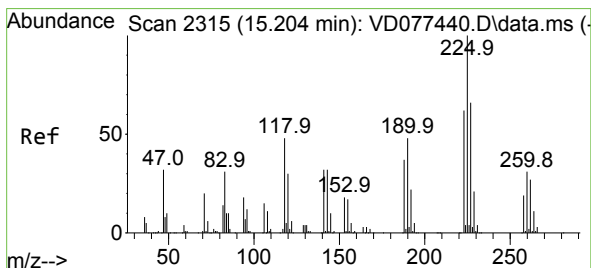
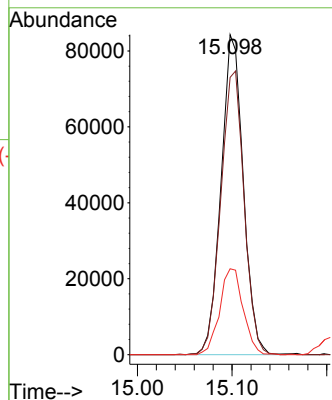
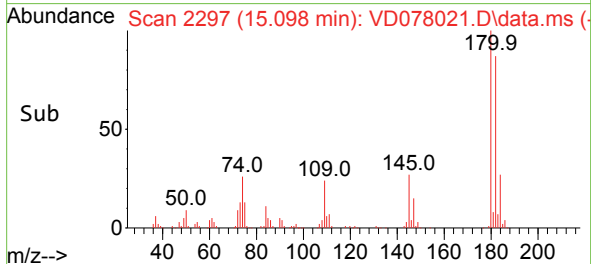


#93
1,2,4-Trichlorobenzene
Concen: 52.582 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

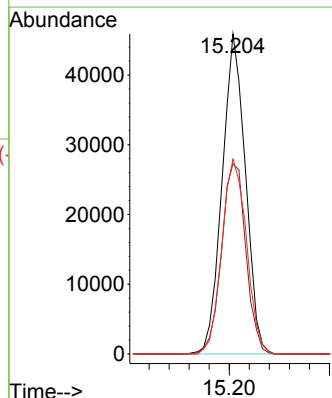
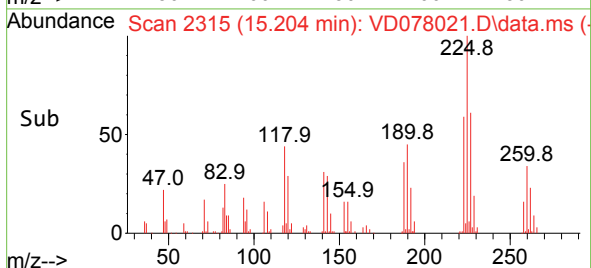
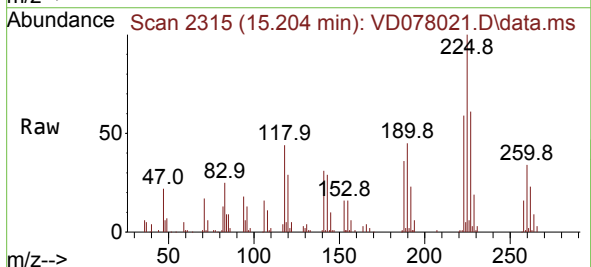


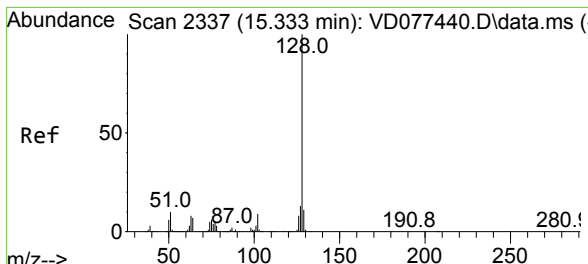
Tgt Ion:180 Resp: 137608
Ion Ratio Lower Upper
180 100
182 92.8 48.5 145.6
145 28.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 52.420 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:225 Resp: 73975
Ion Ratio Lower Upper
225 100
223 62.0 31.6 94.8
227 64.3 31.7 95.1

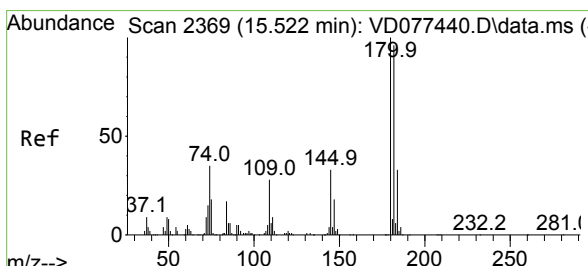
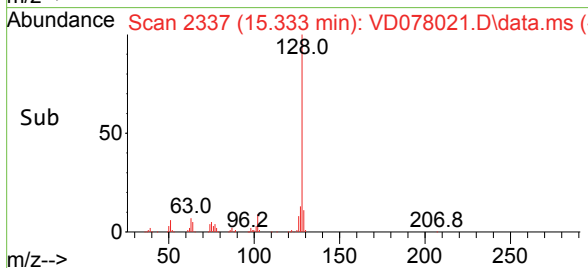
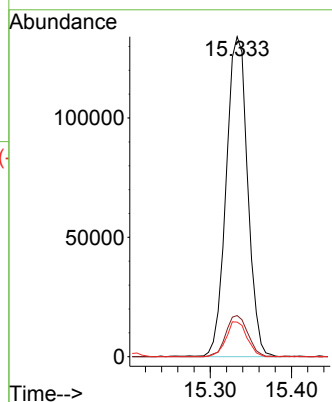
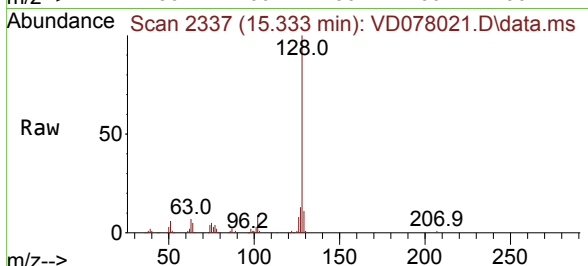




#95
Naphthalene
Concen: 56.572 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 245982
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.731 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD078021.D
Acq: 21 Dec 2023 12:12

Tgt Ion:180 Resp: 118082
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 30.1 15.1 45.3

