

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078079.D
 Acq On : 26 Dec 2023 12:57
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 27 02:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	160739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	263590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65467	45.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.540%
35) Dibromofluoromethane	7.810	113	73720	43.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.940%
50) Toluene-d8	10.269	98	274345	45.971	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.940%
62) 4-Bromofluorobenzene	12.575	95	86885	45.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	62473	45.349	ug/l	97
3) Chloromethane	2.152	50	94025	49.491	ug/l	99
4) Vinyl Chloride	2.287	62	146077	51.011	ug/l	98
5) Bromomethane	2.699	94	107907	46.997	ug/l	98
6) Chloroethane	2.846	64	104665	49.738	ug/l	99
7) Trichlorofluoromethane	3.181	101	134361	48.747	ug/l	97
8) Diethyl Ether	3.593	74	36032	47.673	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.975	101	82723	48.186	ug/l	98
10) Methyl Iodide	4.163	142	88246	54.702	ug/l	94
11) Tert butyl alcohol	5.040	59	18150	284.658	ug/l #	91
12) 1,1-Dichloroethene	3.951	96	75441	49.665	ug/l	90
13) Acrolein	3.804	56	14381	190.916	ug/l	97
14) Allyl chloride	4.563	41	86881	47.319	ug/l	89
15) Acrylonitrile	5.251	53	78161	247.219	ug/l	97
16) Acetone	4.022	43	69068	235.482	ug/l	90
17) Carbon Disulfide	4.275	76	199207	53.075	ug/l	96
18) Methyl Acetate	4.569	43	61896	52.805	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	168657	50.166	ug/l	97
20) Methylene Chloride	4.804	84	90474	51.732	ug/l	88
21) trans-1,2-Dichloroethene	5.322	96	87770	50.266	ug/l	89
22) Diisopropyl ether	6.216	45	208091	50.740	ug/l	95
23) Vinyl Acetate	6.157	43	386846	202.711	ug/l	93
24) 1,1-Dichloroethane	6.122	63	146880	48.396	ug/l	95
25) 2-Butanone	7.087	43	92173	243.041	ug/l	92
26) 2,2-Dichloropropane	7.087	77	133740	49.049	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	102947	49.696	ug/l	94
28) Bromochloromethane	7.428	49	57887	53.312	ug/l	92
29) Tetrahydrofuran	7.445	42	52297	236.210	ug/l	96
30) Chloroform	7.598	83	164084	49.888	ug/l	100
31) Cyclohexane	7.875	56	113117	49.579	ug/l	92
32) 1,1,1-Trichloroethane	7.798	97	141700	50.130	ug/l	99
36) 1,1-Dichloropropene	8.010	75	119216	49.958	ug/l	97
37) Ethyl Acetate	7.169	43	37807	47.635	ug/l	98
38) Carbon Tetrachloride	7.998	117	126437	48.895	ug/l	97
39) Methylcyclohexane	9.275	83	135650	49.581	ug/l	95
40) Benzene	8.251	78	345743	50.268	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	23768	47.285	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	92720	49.883	ug/l	96
43) Isopropyl Acetate	8.363	43	77036	48.481	ug/l	94
44) Trichloroethene	9.034	130	97227	49.135	ug/l	98
45) 1,2-Dichloropropane	9.304	63	87250	50.062	ug/l	99
46) Dibromomethane	9.398	93	49749	50.965	ug/l	95
47) Bromodichloromethane	9.586	83	123151	48.569	ug/l	94
48) Methyl methacrylate	9.381	41	44570	49.770	ug/l	83
49) 1,4-Dioxane	9.386	88	9250	1002.402	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	199482	244.662	ug/l	94
52) Toluene	10.334	92	225392	50.525	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	116003	50.424	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	137864	49.902	ug/l #	91
55) 1,1,2-Trichloroethane	10.733	97	67784	49.346	ug/l	95
56) Ethyl methacrylate	10.598	69	55203	50.640	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	112076	49.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	143476	303.996	ug/l	97
59) 2-Hexanone	10.922	43	142999	225.790	ug/l	94
60) Dibromochloromethane	11.075	129	88089	50.338	ug/l	94
61) 1,2-Dibromoethane	11.181	107	65187	49.498	ug/l	99
64) Tetrachloroethene	10.810	164	78321	48.902	ug/l	97
65) Chlorobenzene	11.610	112	247200	49.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	93764	49.197	ug/l	98
67) Ethyl Benzene	11.686	91	442256	50.379	ug/l	96
68) m/p-Xylenes	11.792	106	346412	101.393	ug/l	92
69) o-Xylene	12.122	106	160041	50.260	ug/l	93
70) Styrene	12.133	104	247084	52.555	ug/l	97
71) Bromoform	12.298	173	50696	48.214	ug/l #	100
73) Isopropylbenzene	12.422	105	432788	49.292	ug/l	96
74) N-amyl acetate	12.233	43	70202	48.164	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	76671	48.047	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	92500	89.821	ug/l #	100
77) Bromobenzene	12.704	156	103714	48.557	ug/l	95
78) n-propylbenzene	12.763	91	515191	48.747	ug/l	97
79) 2-Chlorotoluene	12.851	91	277860	48.608	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	363341	50.033	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	23456	46.995	ug/l	97
82) 4-Chlorotoluene	12.945	91	302814	49.409	ug/l	96
83) tert-Butylbenzene	13.169	119	319208	49.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	363795	49.182	ug/l	98
85) sec-Butylbenzene	13.345	105	457833	49.295	ug/l	98
86) p-Isopropyltoluene	13.463	119	403853	48.589	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	216804	49.059	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	213217	49.193	ug/l	98
89) n-Butylbenzene	13.786	91	370894	48.616	ug/l	99
90) Hexachloroethane	14.051	117	80668	48.547	ug/l	100
91) 1,2-Dichlorobenzene	13.827	146	186488	49.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10890	48.726	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	117580	47.452	ug/l	98
94) Hexachlorobutadiene	15.204	225	65919	47.350	ug/l	98
95) Naphthalene	15.333	128	205070	48.613	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	101402	48.229	ug/l	99

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ClientSampleId :
VSTDICCC050

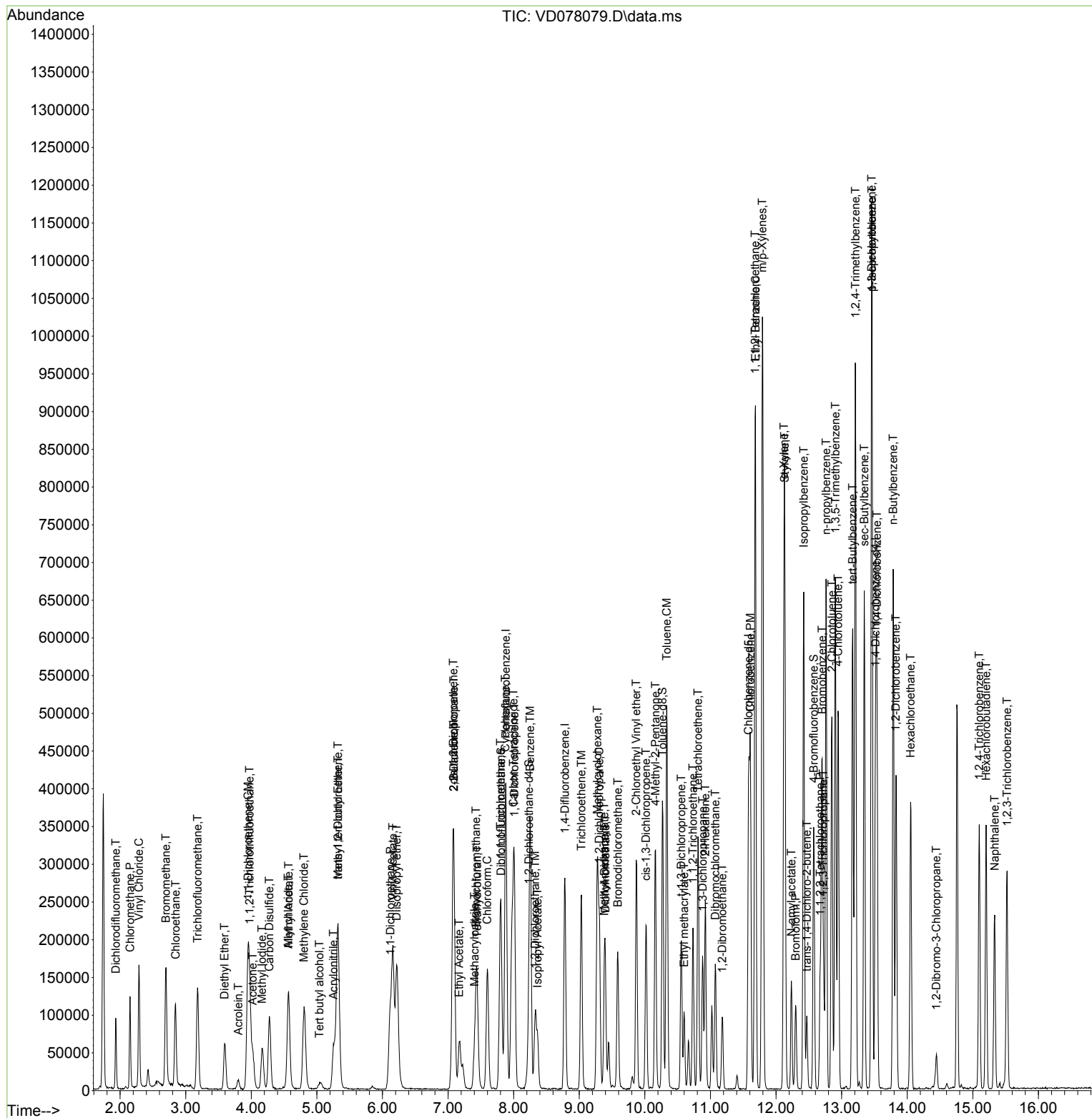
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 02:01:18 2023
Response via : Initial Calibration

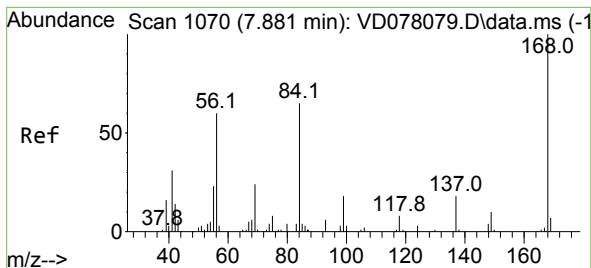
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Quant Time: Dec 27 02:09:10 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078079.D

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Instrument :

MSVOA_D

ClientSampleId :

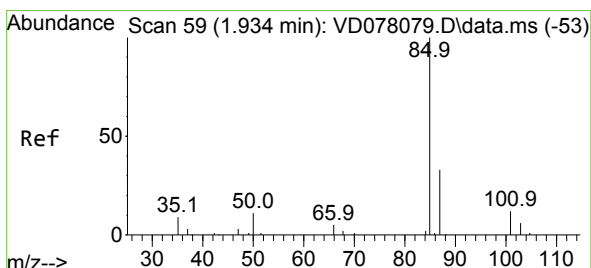
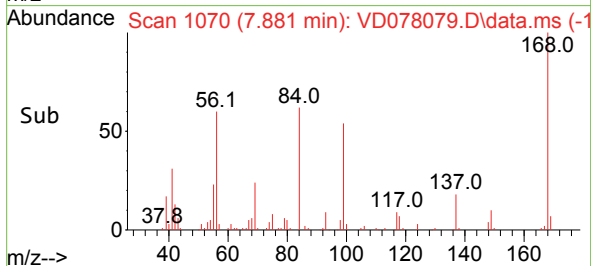
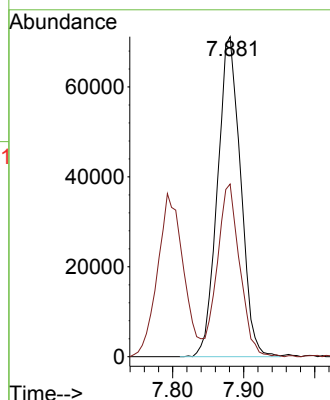
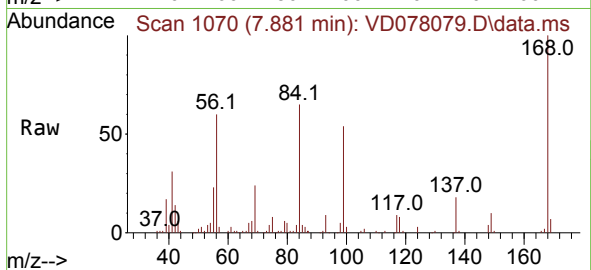
VSTDICCC050

Tgt Ion:168 Resp: 160739

Ion Ratio Lower Upper

168 100

99 53.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 45.349 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078079.D

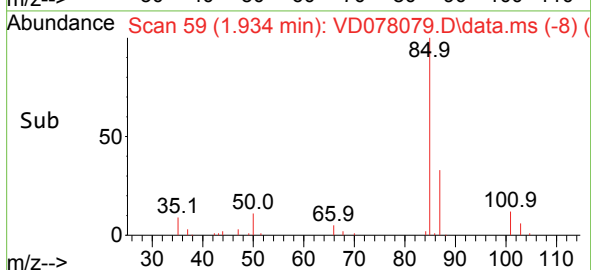
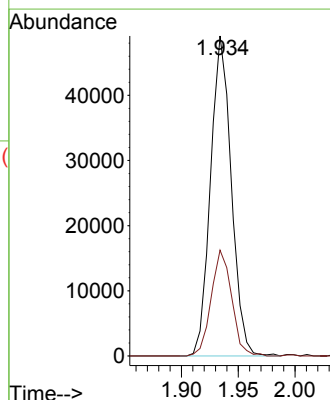
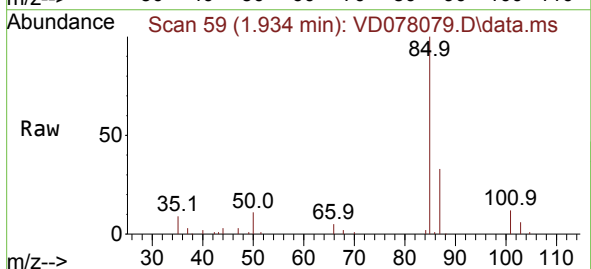
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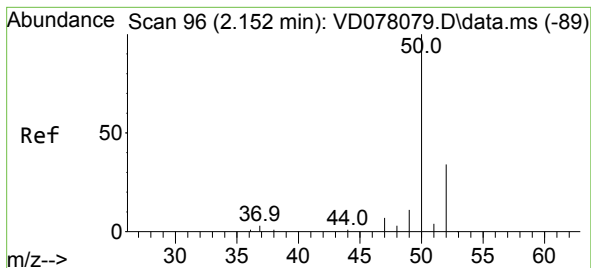
Tgt Ion: 85 Resp: 62473

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0





#3

Chloromethane

Concen: 49.491 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

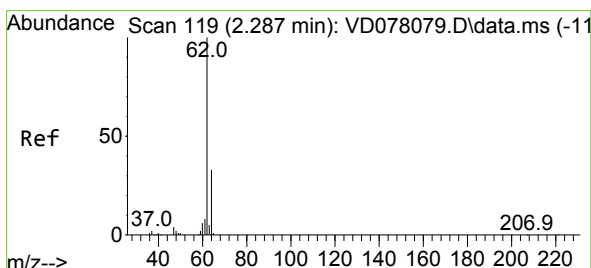
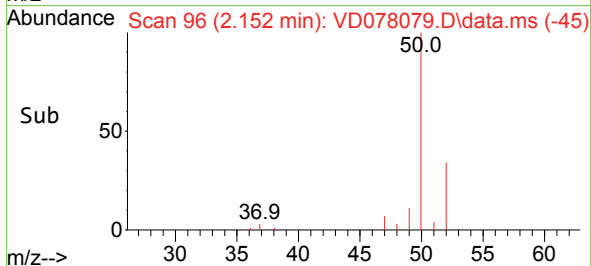
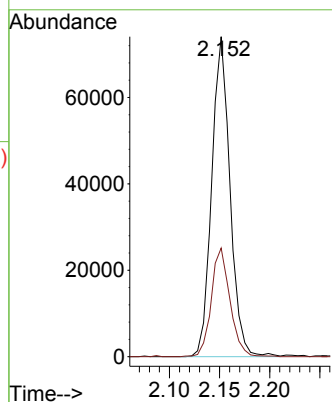
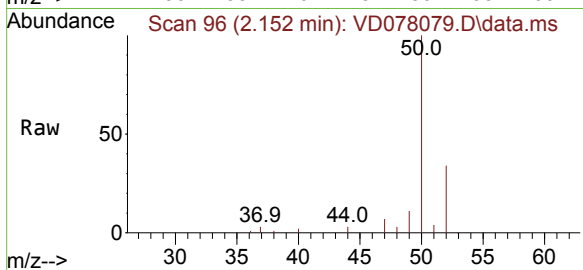
VSTDICCC050

Tgt Ion: 50 Resp: 94025

Ion Ratio Lower Upper

50 100

52 34.0 26.6 40.0



#4

Vinyl Chloride

Concen: 51.011 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078079.D

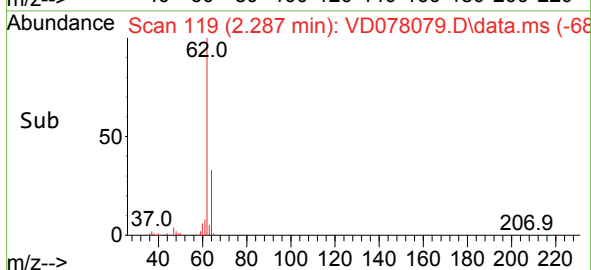
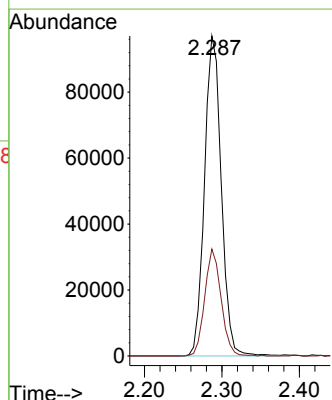
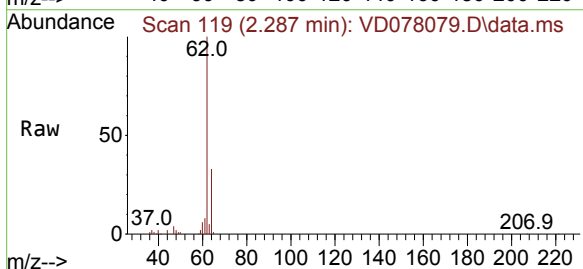
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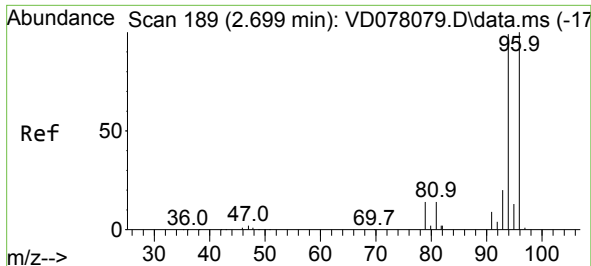
Tgt Ion: 62 Resp: 146077

Ion Ratio Lower Upper

62 100

64 33.4 26.0 39.0

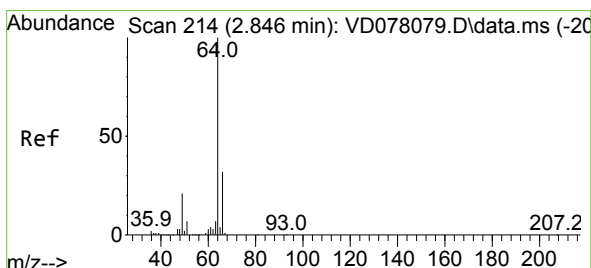
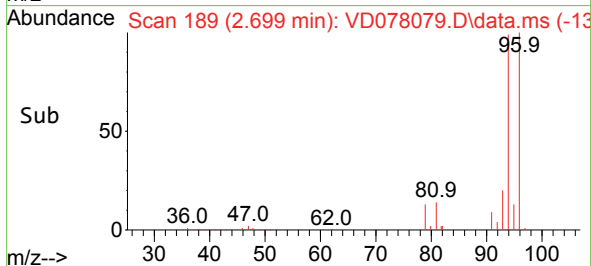
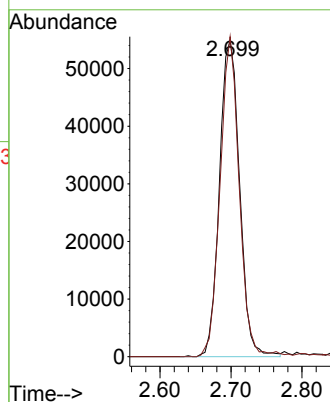
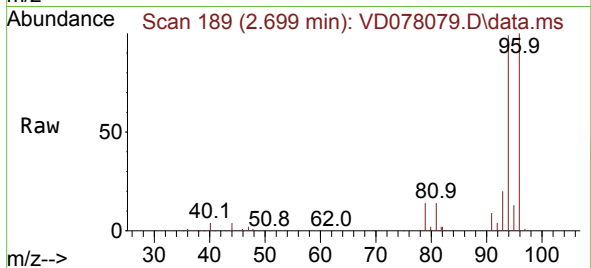




#5
Bromomethane
Concen: 46.997 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

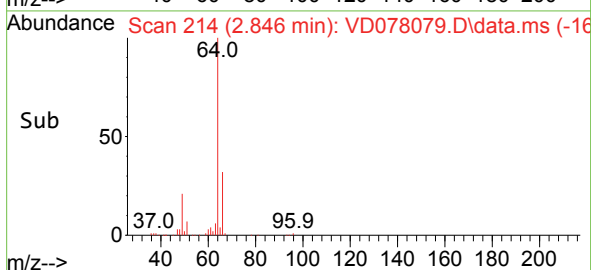
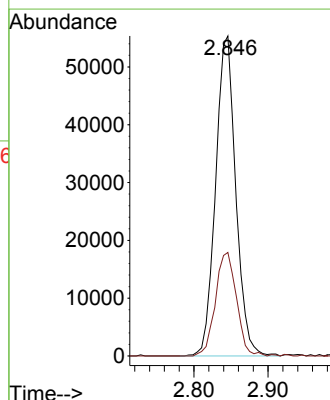
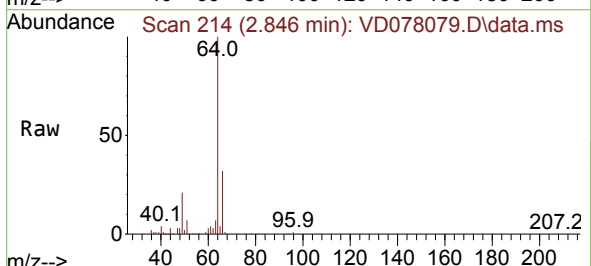
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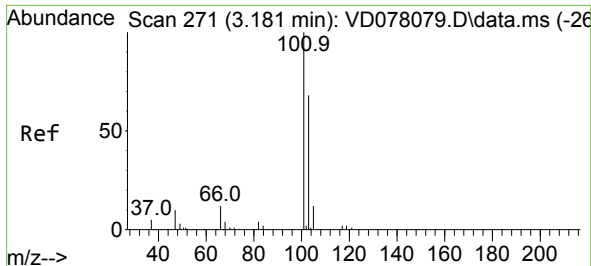
Tgt Ion: 94 Resp: 107907
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.8



#6
Chloroethane
Concen: 49.738 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 64 Resp: 104665
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3

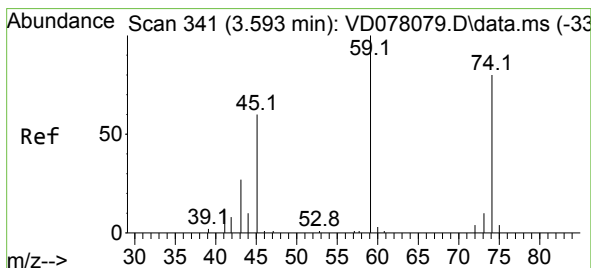
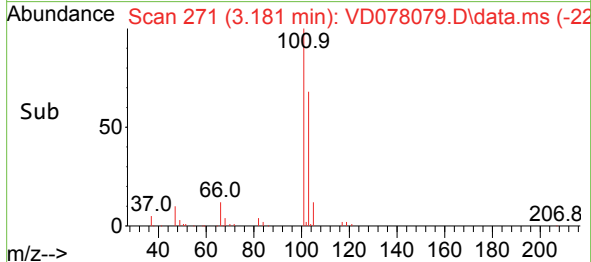
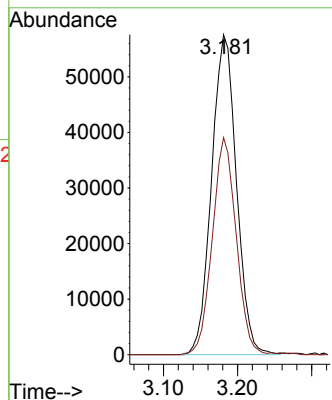
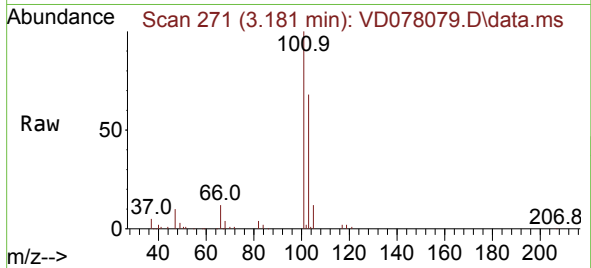




#7
 Trichlorofluoromethane
 Concen: 48.747 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

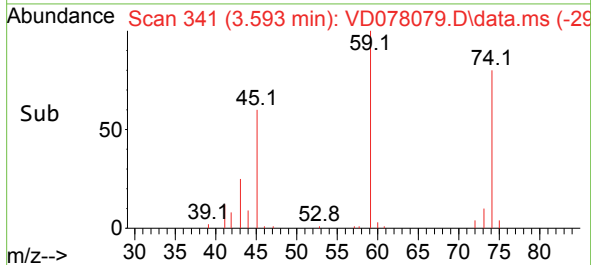
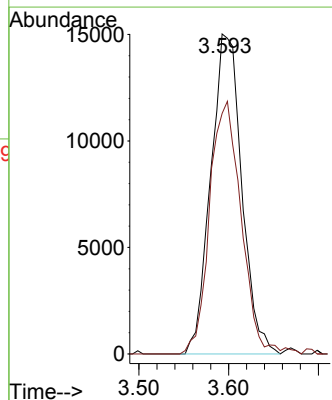
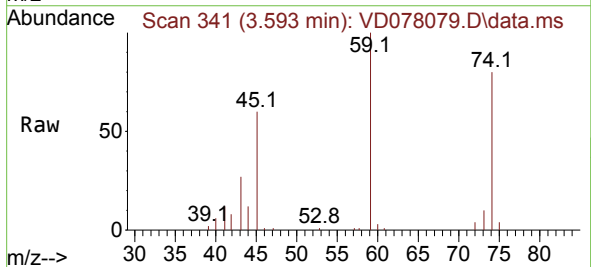
Instrument :
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 VSTDICCC050

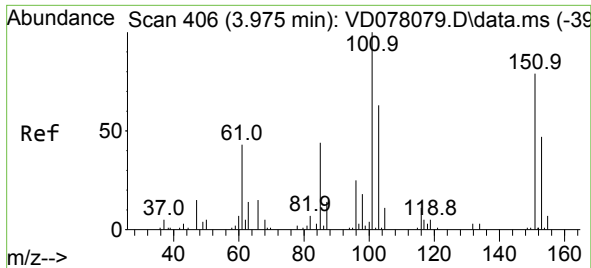
Tgt Ion:101 Resp: 134361
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.673 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 26 Dec 2023 12:57

Tgt Ion: 74 Resp: 36032
 Ion Ratio Lower Upper
 74 100
 45 80.4 37.5 112.7

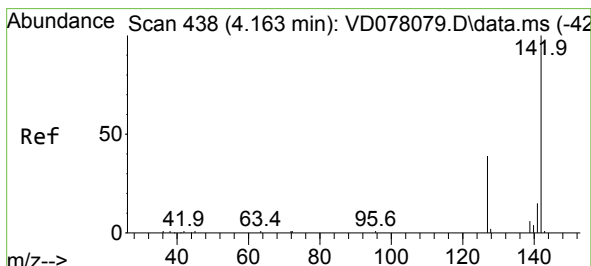
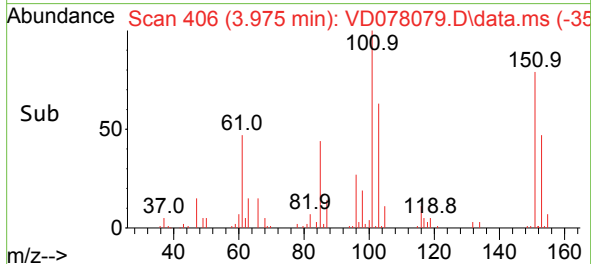
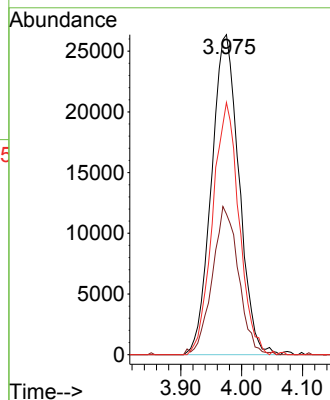
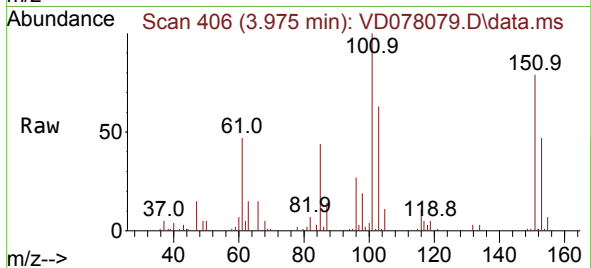




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.186 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

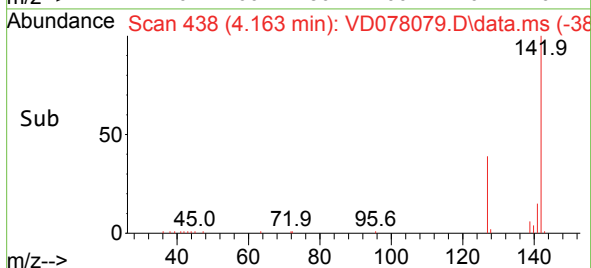
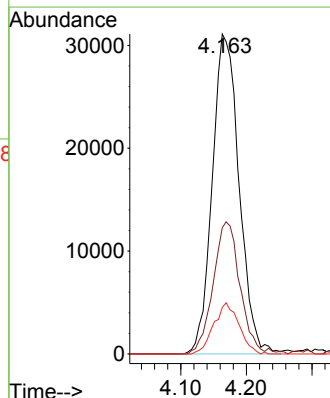
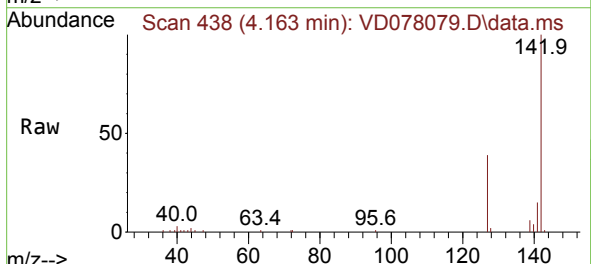
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

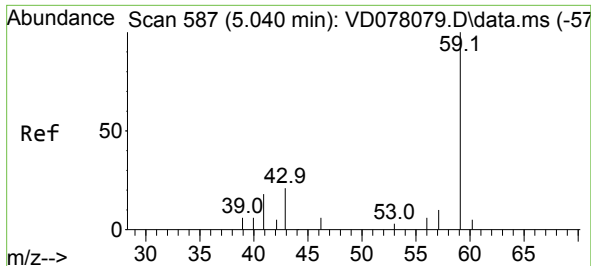
Tgt Ion:101 Resp: 82723
Ion Ratio Lower Upper
101 100
85 44.1 33.8 50.6
151 75.6 59.8 89.6



#10
Methyl Iodide
Concen: 54.702 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:142 Resp: 88246
Ion Ratio Lower Upper
142 100
127 41.0 29.4 44.0
141 15.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 284.658 ug/l

RT: 5.040 min Scan# 587

Delta R.T. -0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

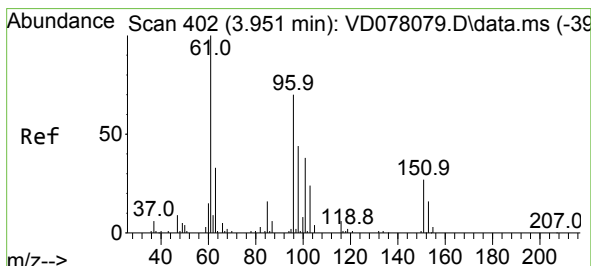
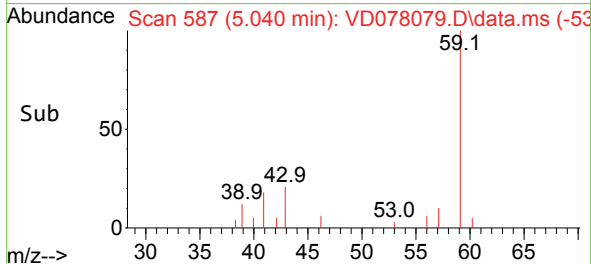
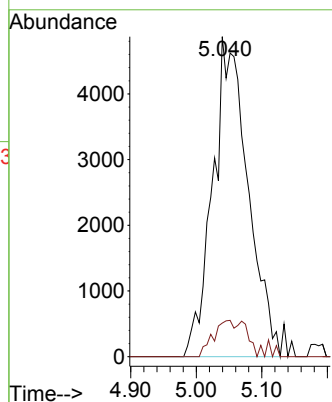
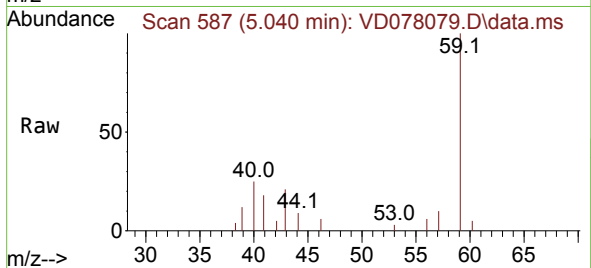
VSTDICCC050

Tgt Ion: 59 Resp: 18150

Ion Ratio Lower Upper

59 100

57 6.7 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 49.665 ug/l

RT: 3.951 min Scan# 402

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

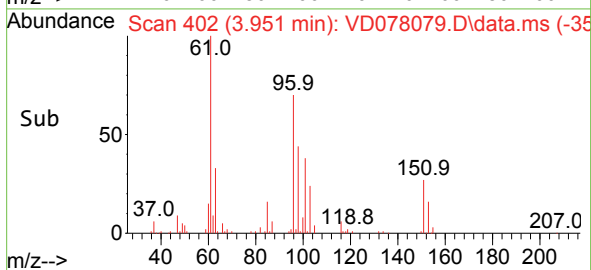
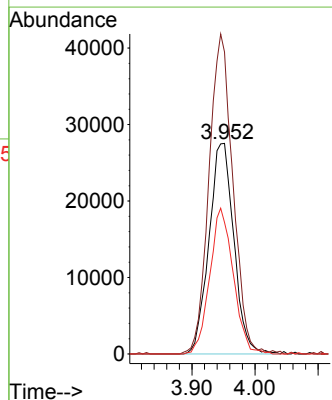
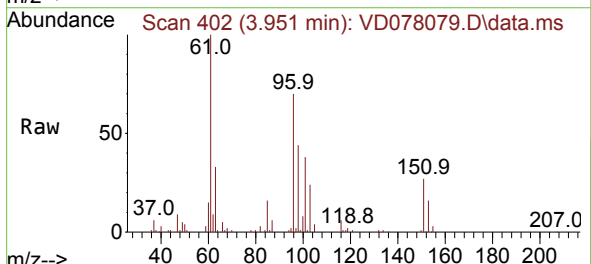
Tgt Ion: 96 Resp: 75441

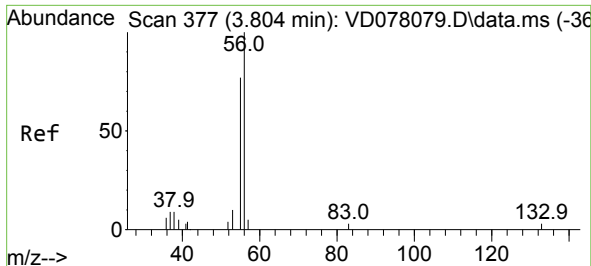
Ion Ratio Lower Upper

96 100

61 143.4 100.6 150.8

98 62.5 50.2 75.2

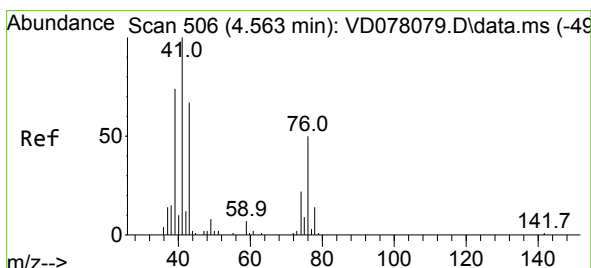
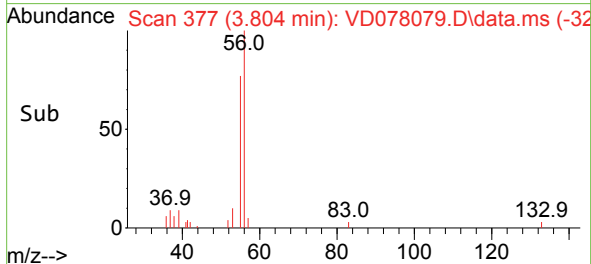
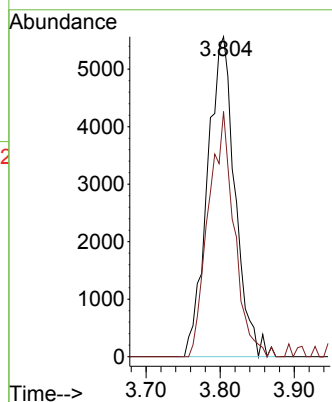
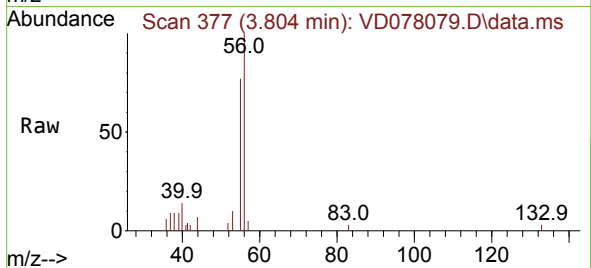




#13
Acrolein
Concen: 190.916 ug/l
RT: 3.804 min Scan# 377
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

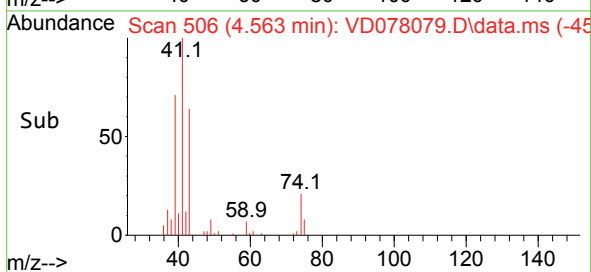
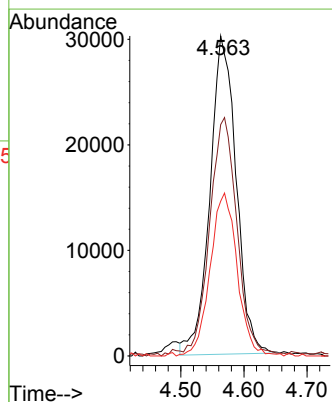
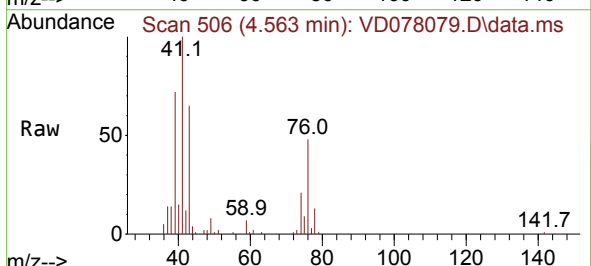
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

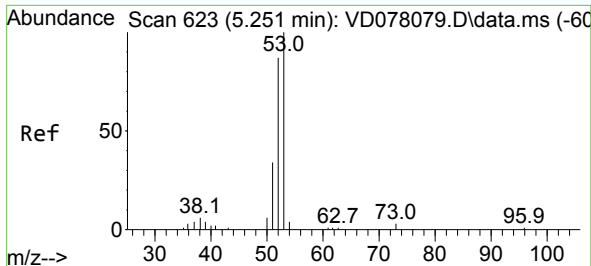
Tgt Ion: 56 Resp: 14381
Ion Ratio Lower Upper
56 100
55 71.7 55.1 82.7



#14
Allyl chloride
Concen: 47.319 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 41 Resp: 86881
Ion Ratio Lower Upper
41 100
39 79.6 53.8 80.6
76 52.9 45.8 68.8

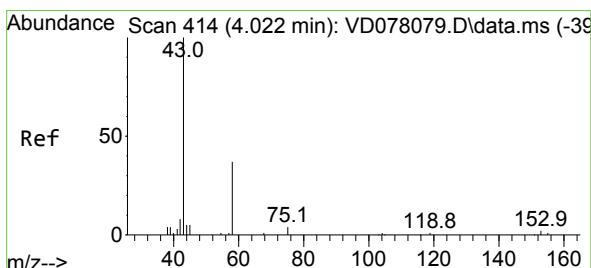
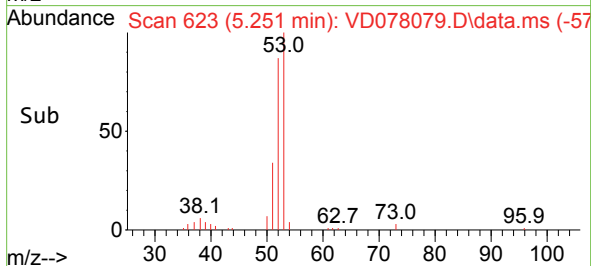
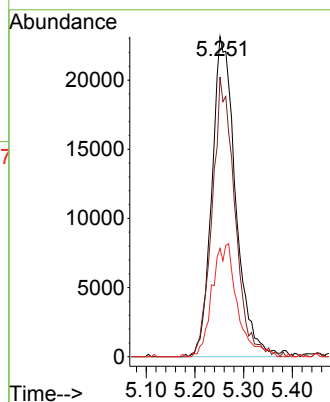
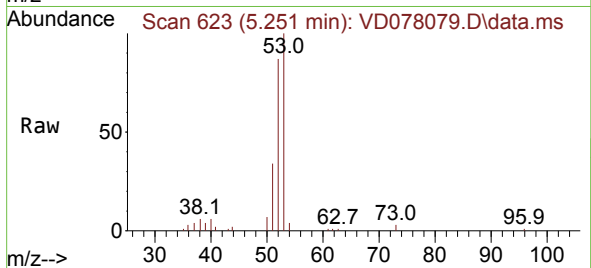




#15
Acrylonitrile
Concen: 247.219 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

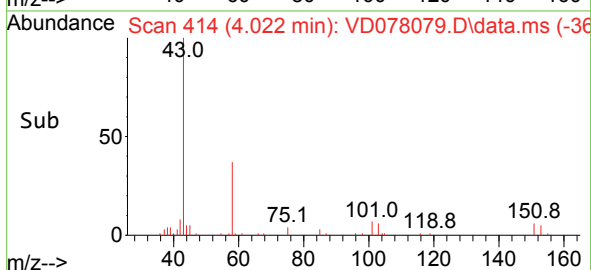
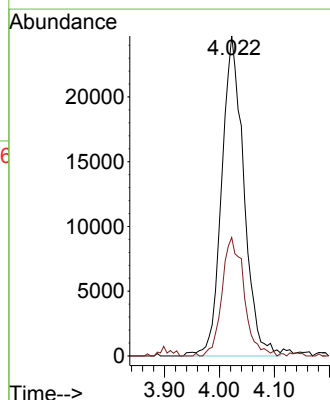
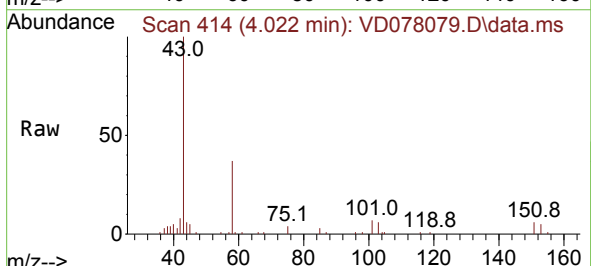
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

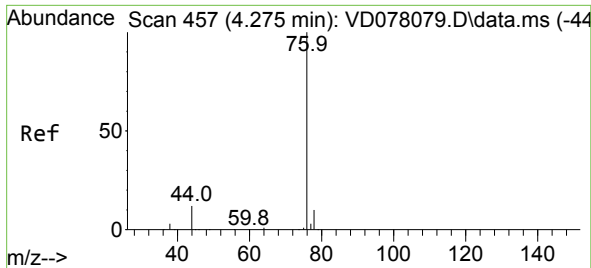
Tgt Ion:	53	Resp:	78161
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.0	97.4
51	37.5	28.3	42.5



#16
Acetone
Concen: 235.482 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:	43	Resp:	69068
Ion	Ratio	Lower	Upper
43	100		
58	37.0	34.7	52.1

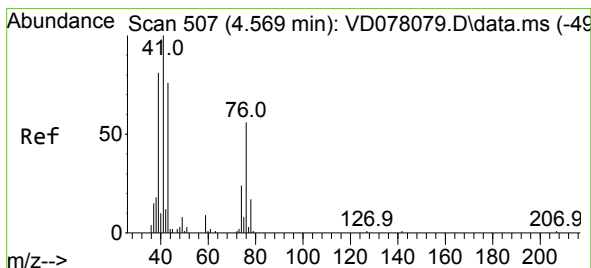
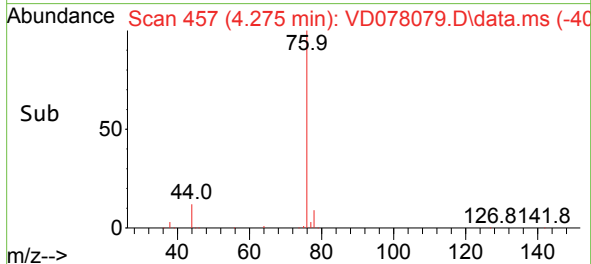
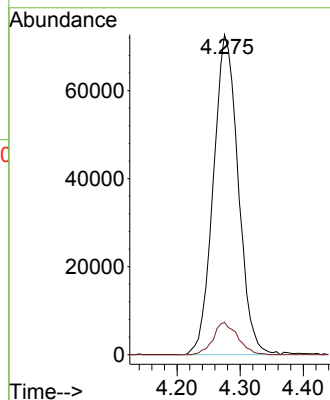
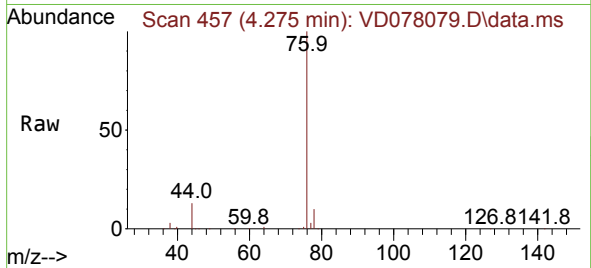




#17
Carbon Disulfide
Concen: 53.075 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

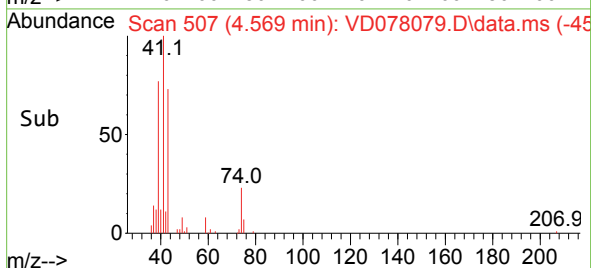
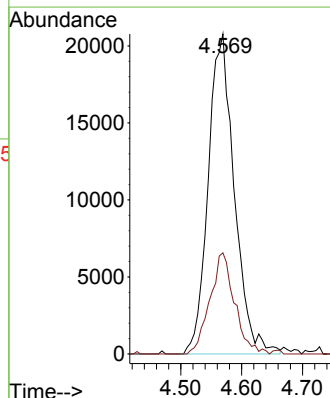
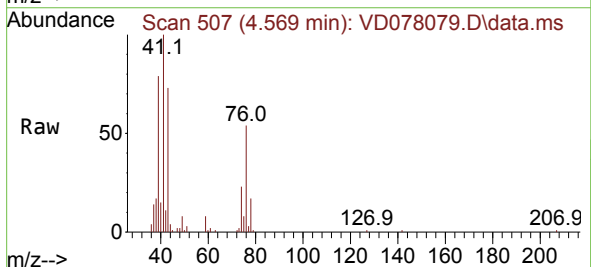
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

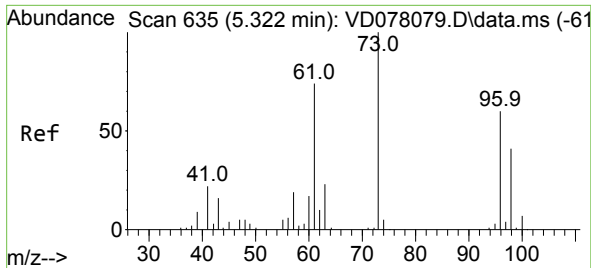
Tgt Ion: 76 Resp: 199207
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#18
Methyl Acetate
Concen: 52.805 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 43 Resp: 61896
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6

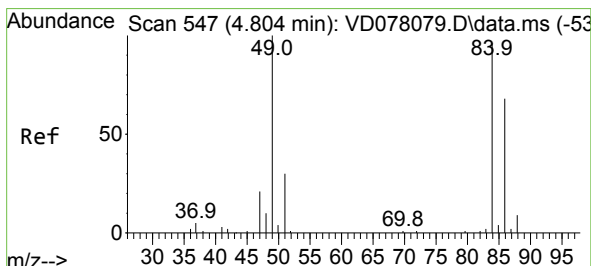
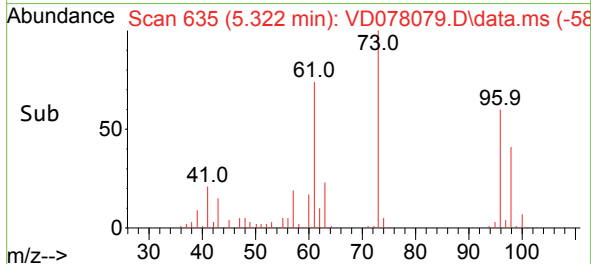
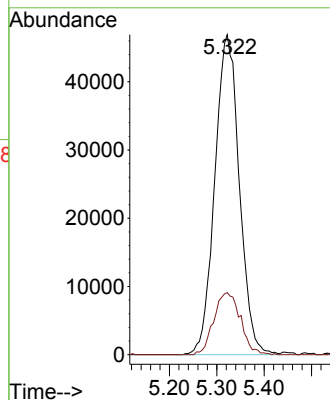
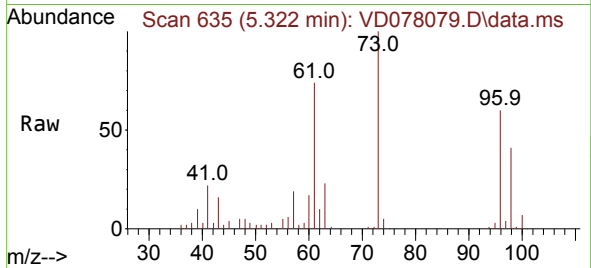




#19
Methyl tert-butyl Ether
Concen: 50.166 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

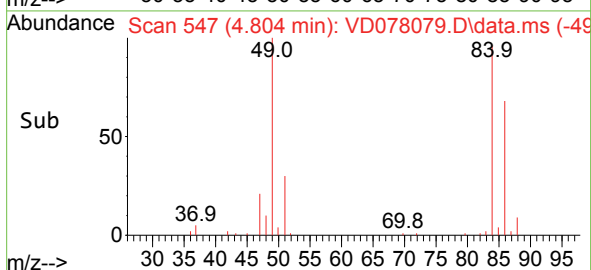
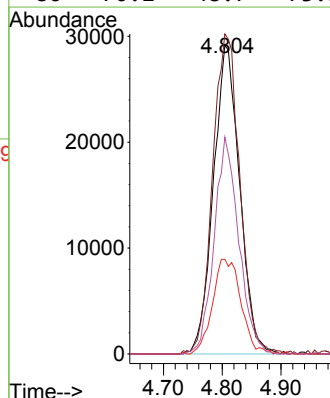
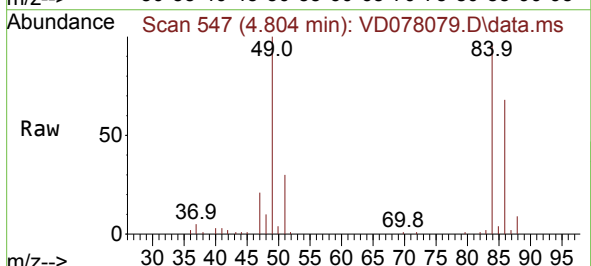
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

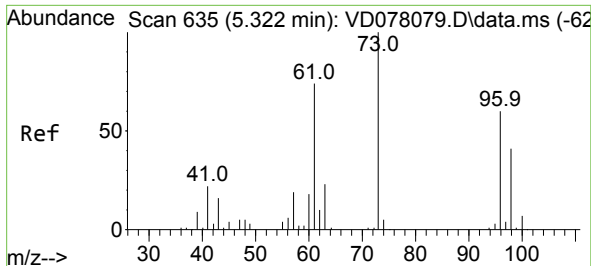
Tgt Ion: 73 Resp: 168657
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#20
Methylene Chloride
Concen: 51.732 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 84 Resp: 90474
Ion Ratio Lower Upper
84 100
49 103.7 71.4 107.2
51 30.7 24.5 36.7
86 70.2 48.7 73.1

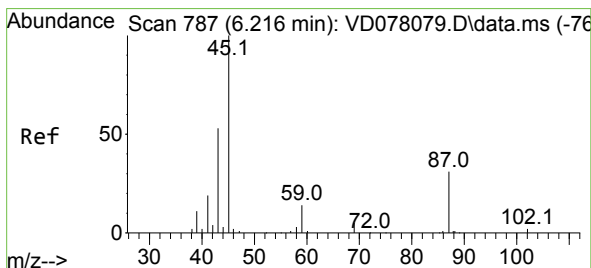
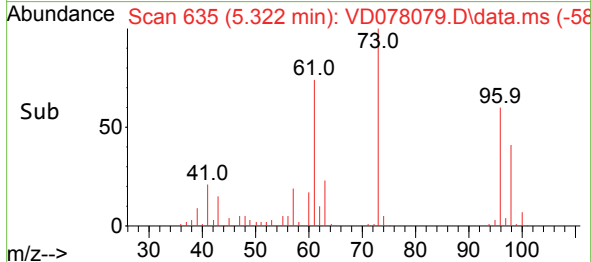
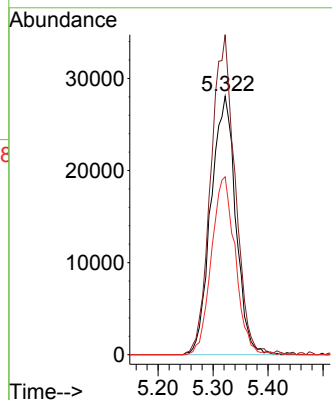
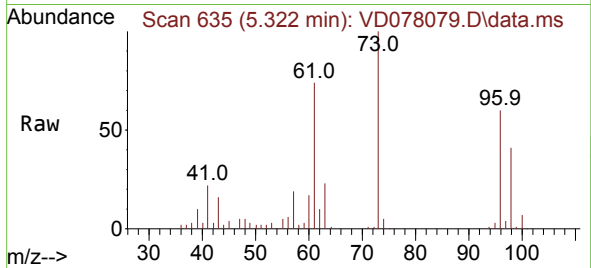




#21
trans-1,2-Dichloroethene
Concen: 50.266 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

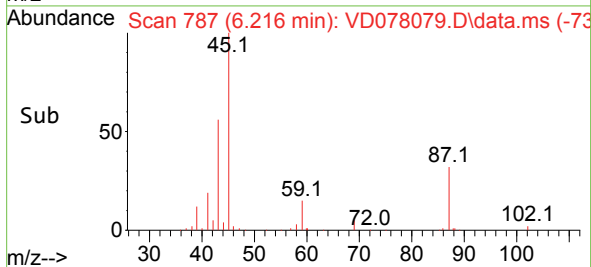
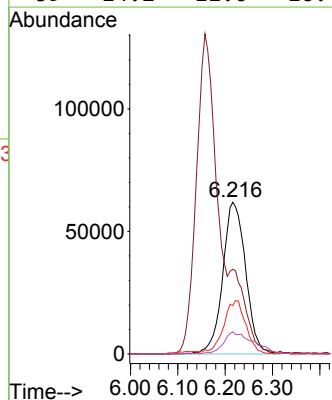
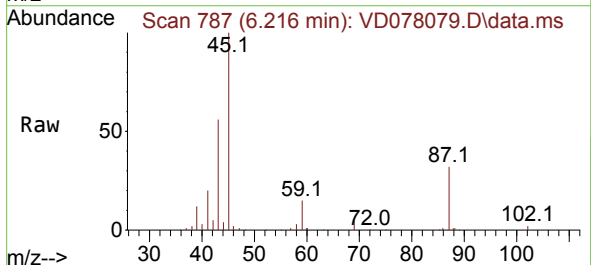
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

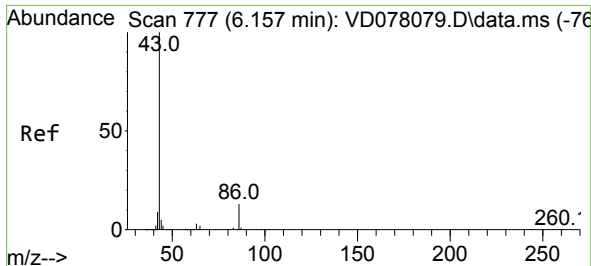
Tgt Ion: 96 Resp: 87770
Ion Ratio Lower Upper
96 100
61 123.9 89.3 133.9
98 68.9 48.6 73.0



#22
Diisopropyl ether
Concen: 50.740 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 45 Resp: 208091
Ion Ratio Lower Upper
45 100
43 53.9 40.0 60.0
87 31.6 28.2 42.4
59 14.2 11.0 16.4

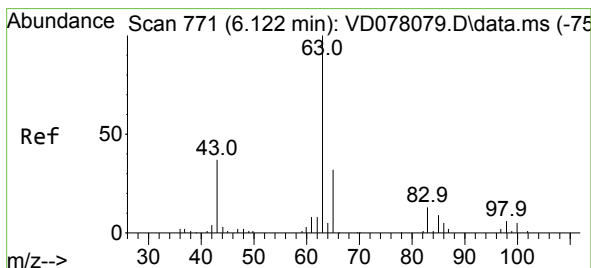
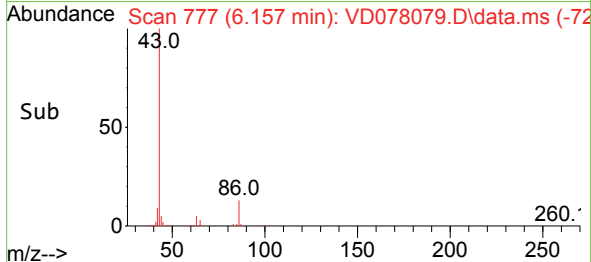
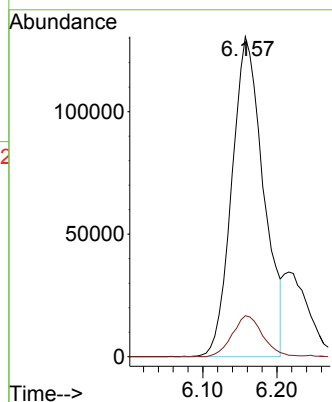
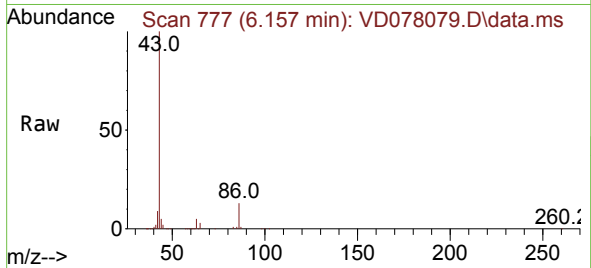




#23
 Vinyl Acetate
 Concen: 202.711 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

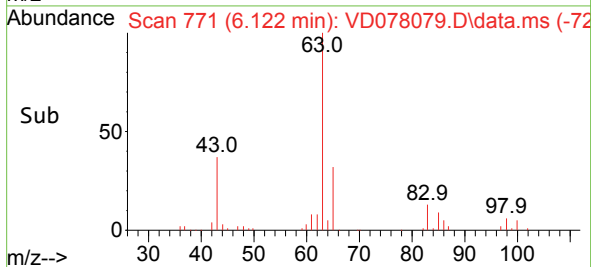
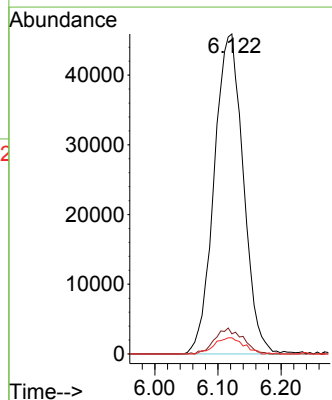
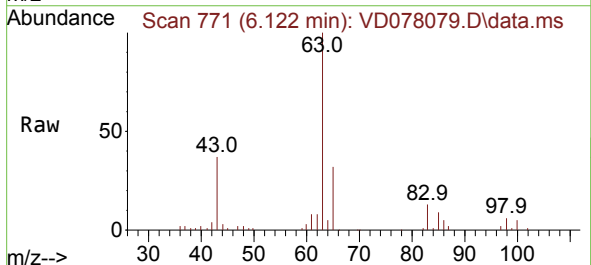
Instrument :
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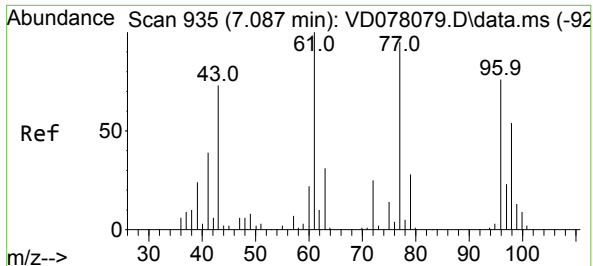
Tgt Ion: 43 Resp: 386846
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.396 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Tgt Ion: 63 Resp: 146880
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 5.0 2.5 7.5

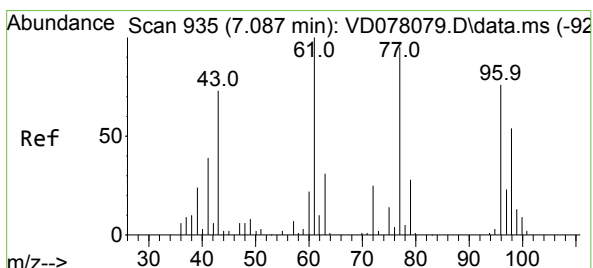
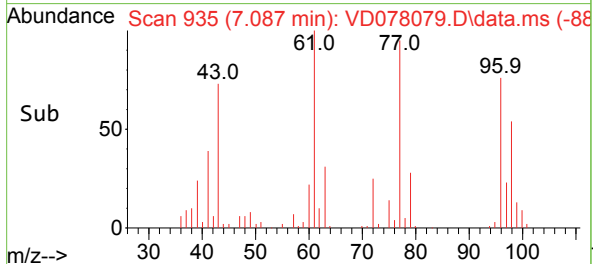
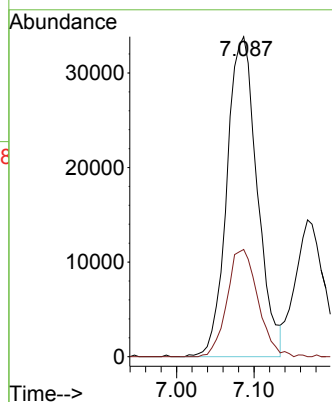
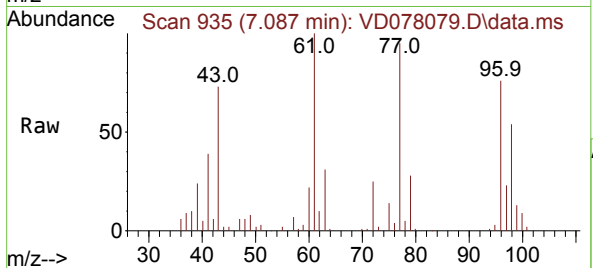




#25
2-Butanone
Concen: 243.041 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

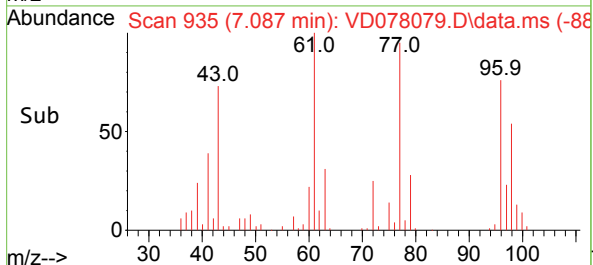
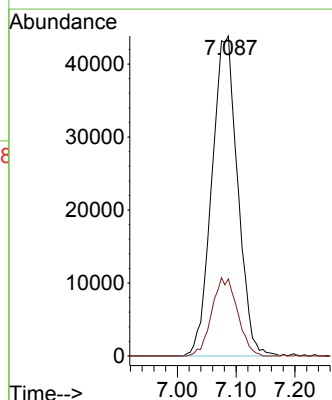
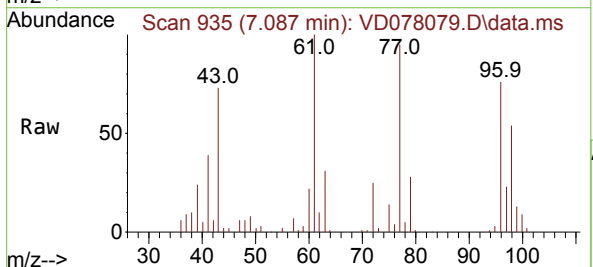
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

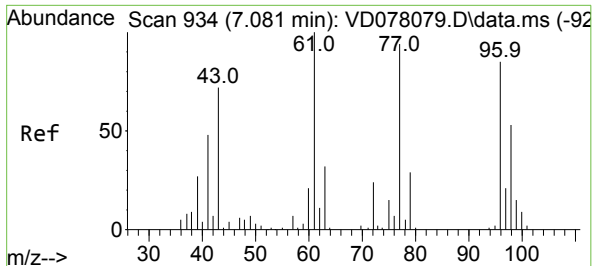
Tgt Ion: 43 Resp: 92173
Ion Ratio Lower Upper
43 100
72 33.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 49.049 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 77 Resp: 133740
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6



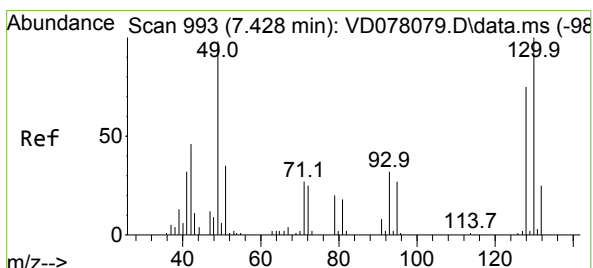
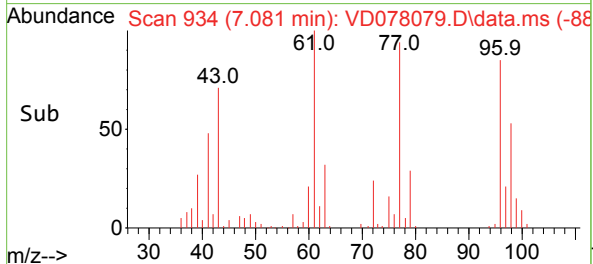
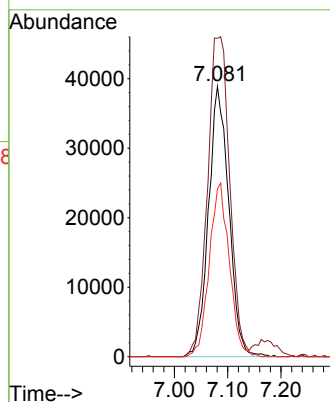
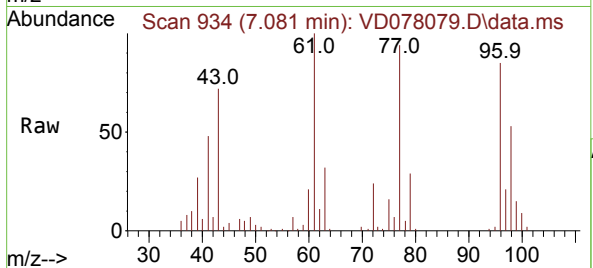


#27
 cis-1,2-Dichloroethene
 Concen: 49.696 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 102947

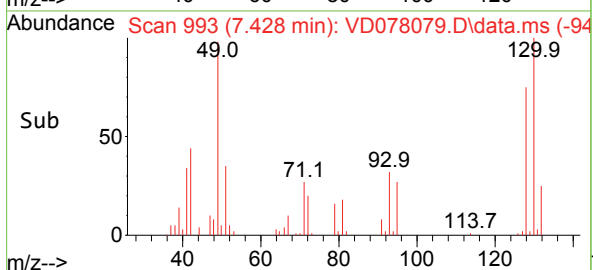
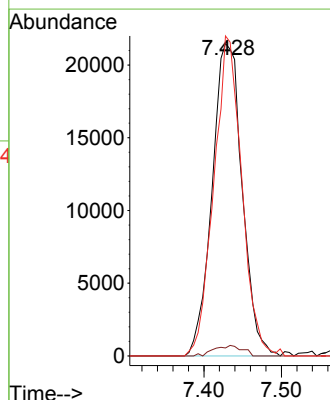
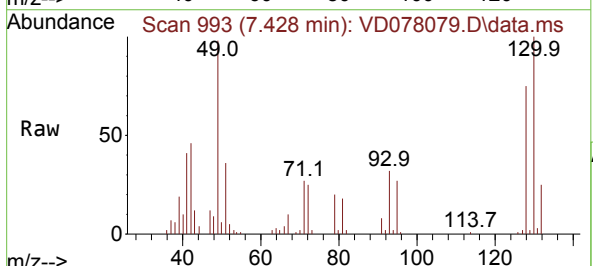
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	239.2
98	63.4	0.0	128.6

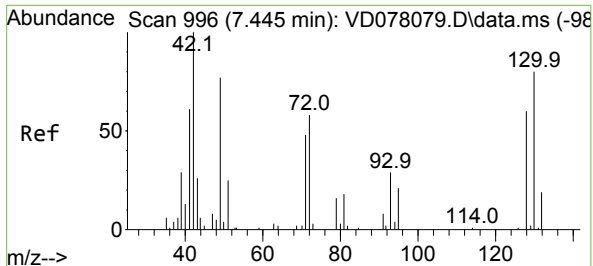


#28
 Bromochloromethane
 Concen: 53.312 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Tgt Ion: 49 Resp: 57887

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	6.0
130	95.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 236.210 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

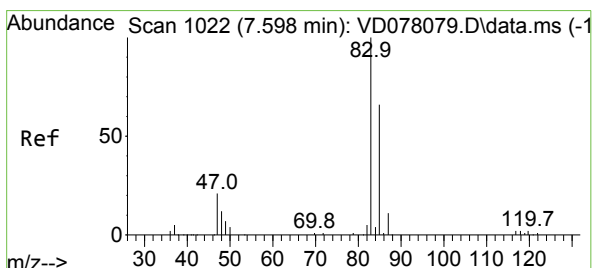
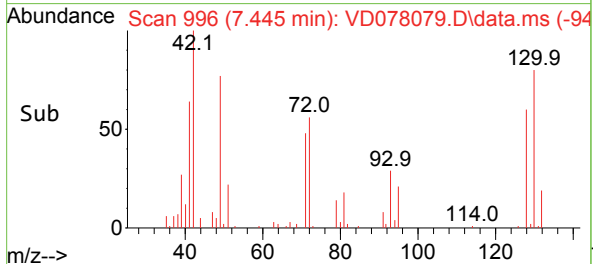
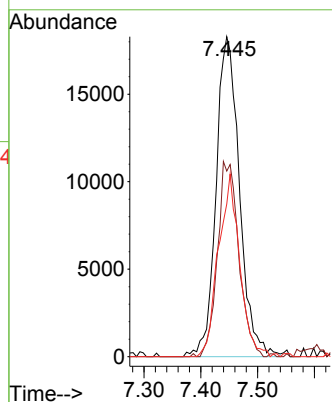
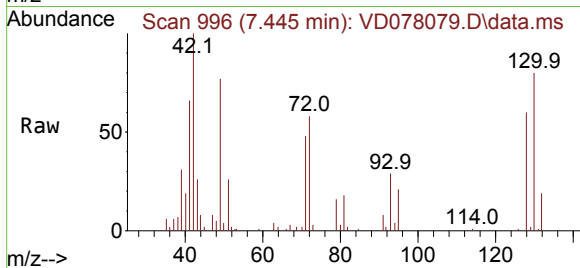
Tgt Ion: 42 Resp: 52297

Ion Ratio Lower Upper

42 100

72 55.6 46.5 69.7

71 52.0 44.5 66.7



#30

Chloroform

Concen: 49.888 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078079.D

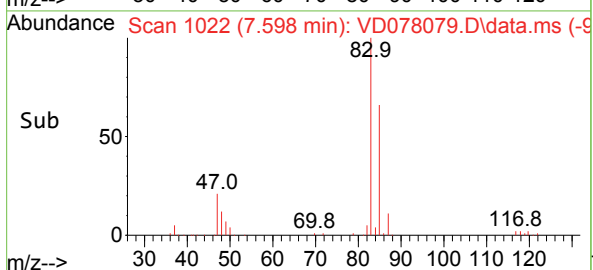
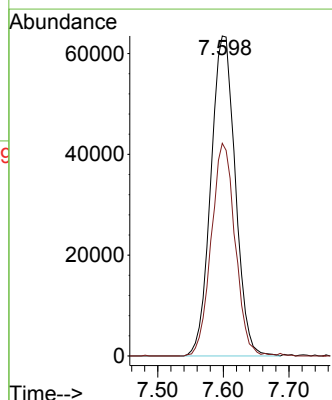
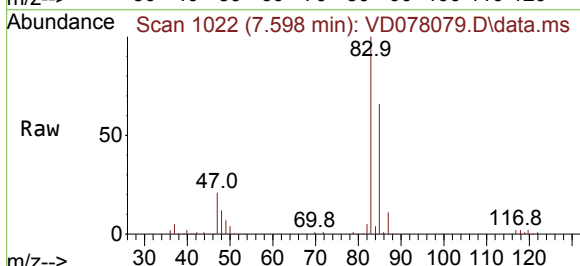
Acq: 26 Dec 2023 12:57

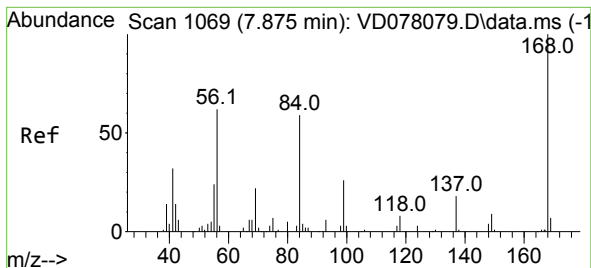
Tgt Ion: 83 Resp: 164084

Ion Ratio Lower Upper

83 100

85 66.4 53.4 80.2





#31

Cyclohexane

Concen: 49.579 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

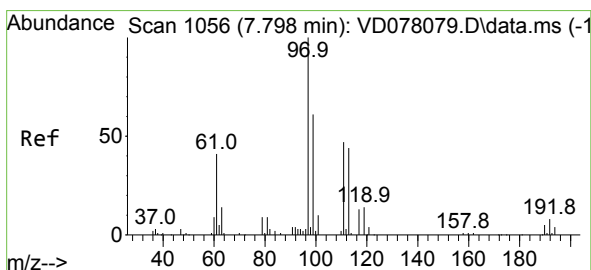
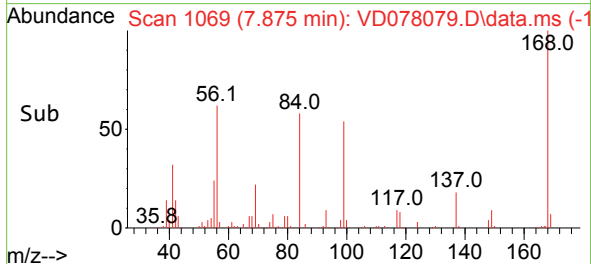
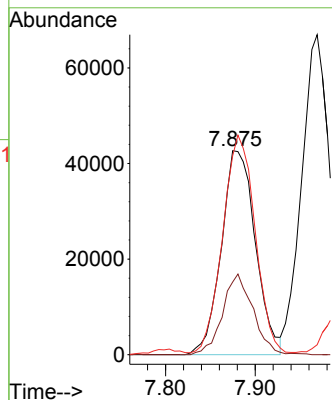
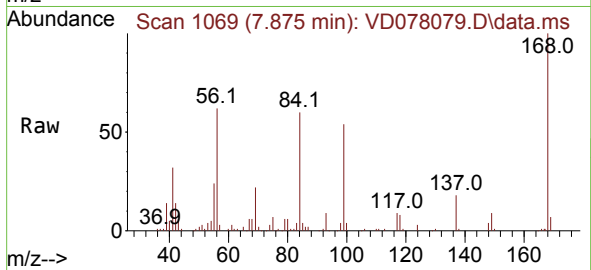
Tgt Ion: 56 Resp: 113117

Ion Ratio Lower Upper

56 100

69 35.6 28.6 43.0

84 95.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 50.130 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

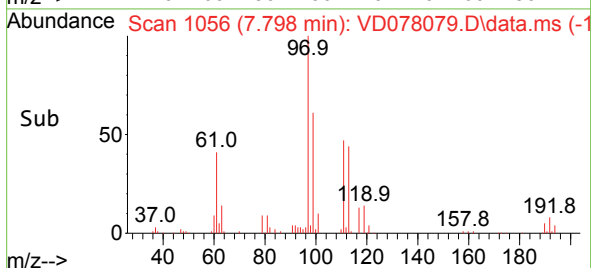
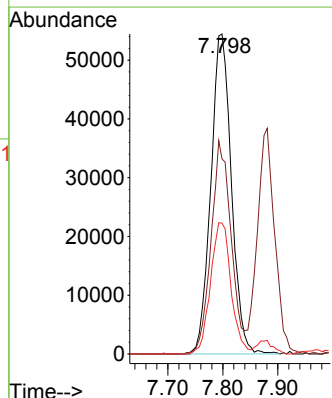
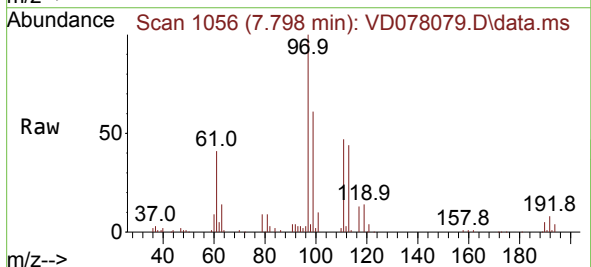
Tgt Ion: 97 Resp: 141700

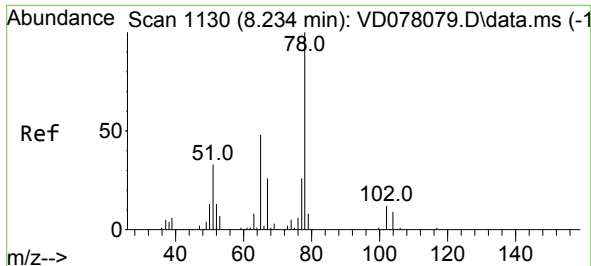
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 40.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.774 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

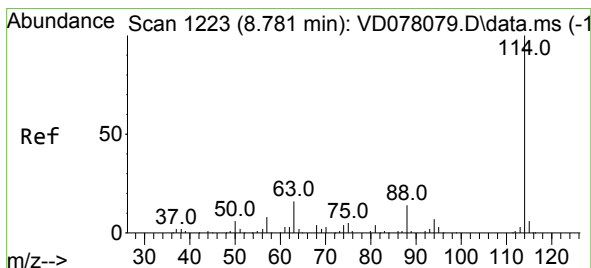
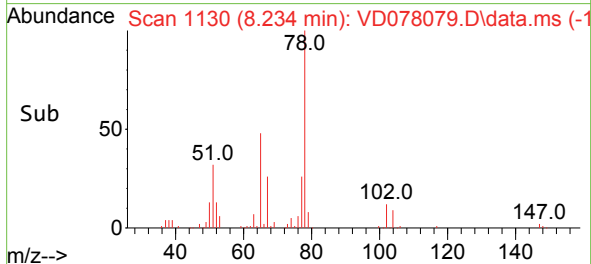
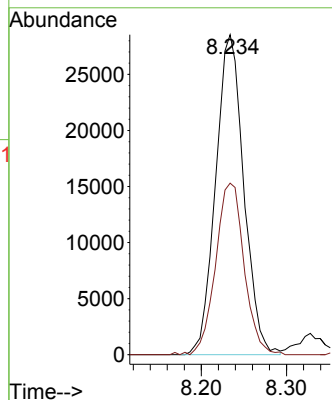
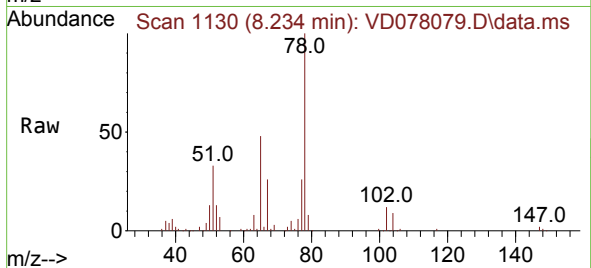
VSTDICCC050

Tgt Ion: 65 Resp: 65467

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. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

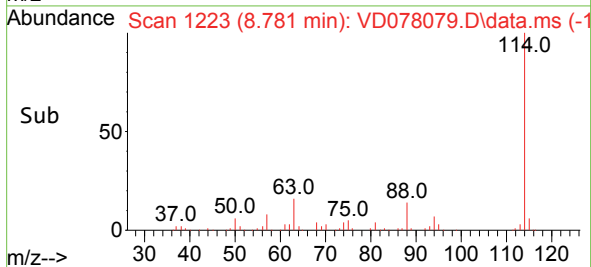
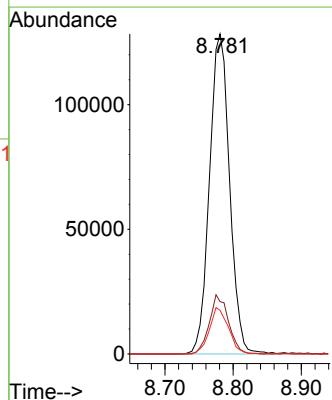
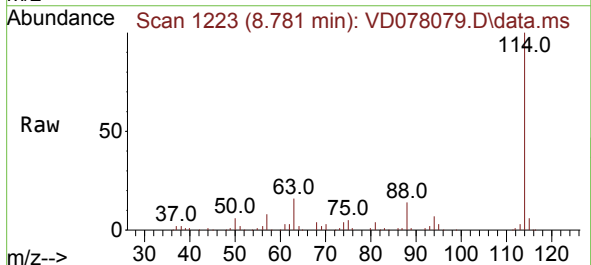
Tgt Ion: 114 Resp: 263590

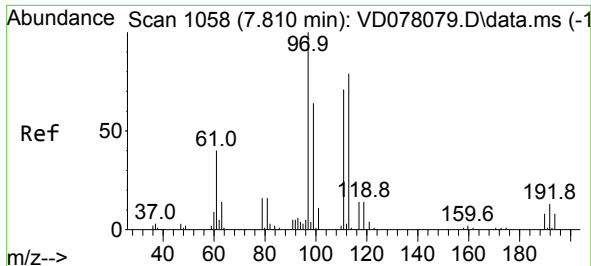
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.6 0.0 26.2

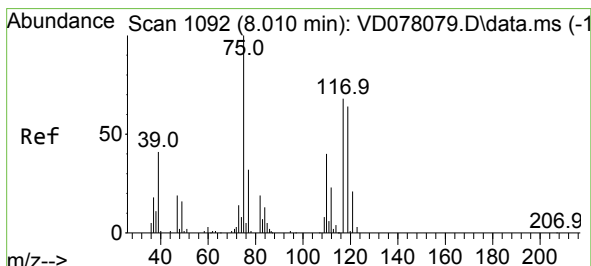
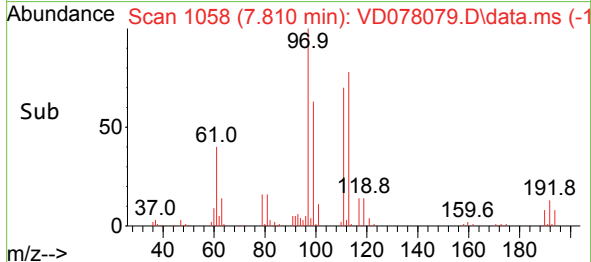
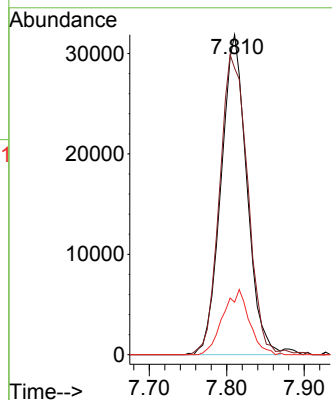
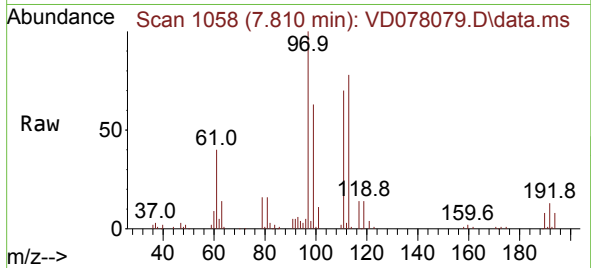




#35
Dibromofluoromethane
Concen: 43.466 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

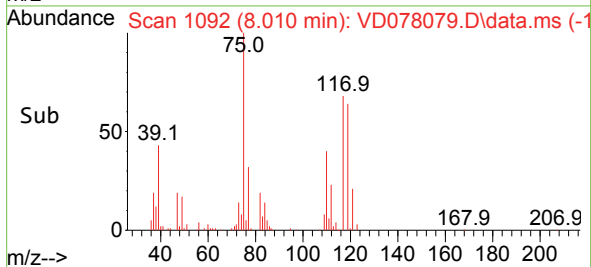
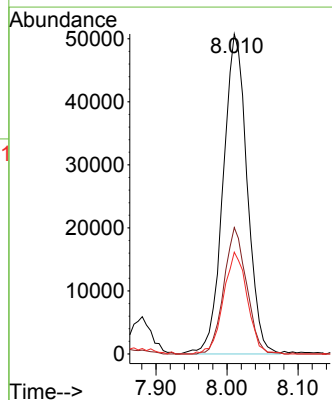
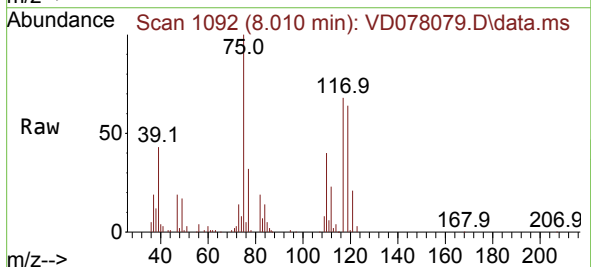
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

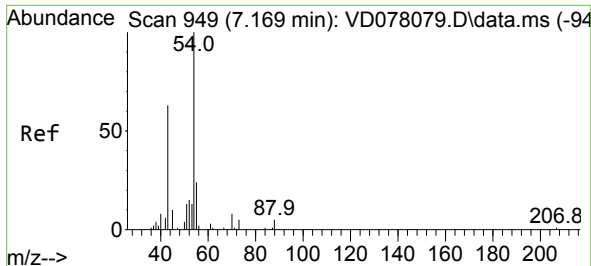
Tgt Ion:113 Resp: 73720
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.958 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 75 Resp: 119216
Ion Ratio Lower Upper
75 100
110 37.3 19.9 59.6
77 31.6 24.7 37.1

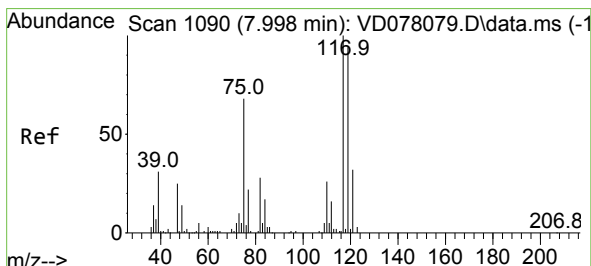
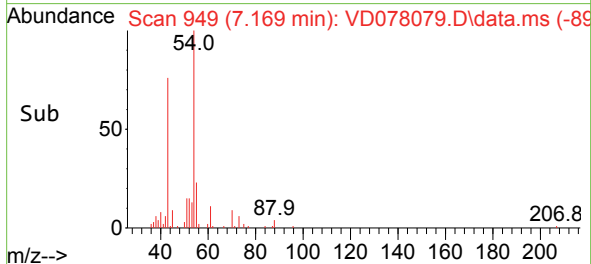
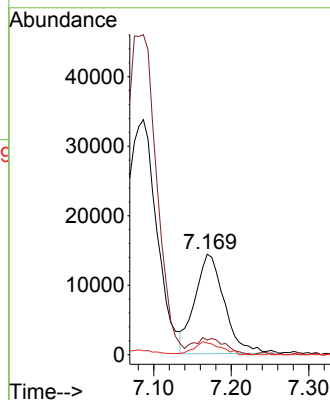
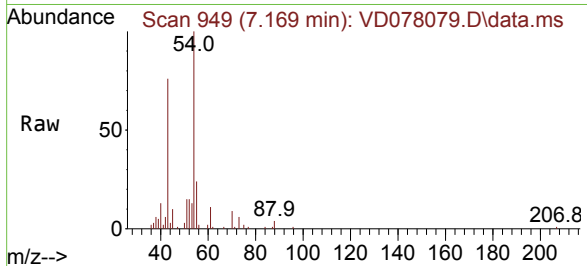




#37
Ethyl Acetate
Concen: 47.635 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

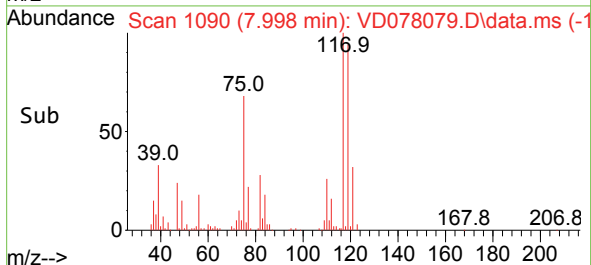
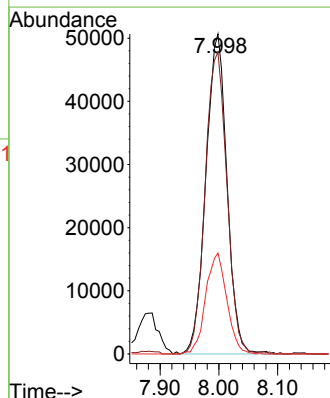
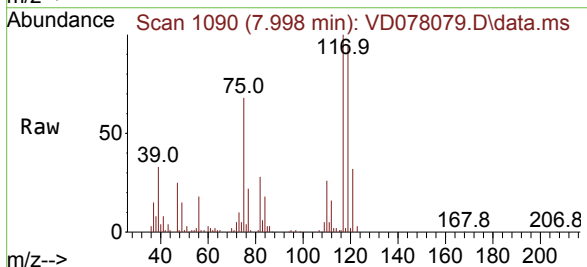
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

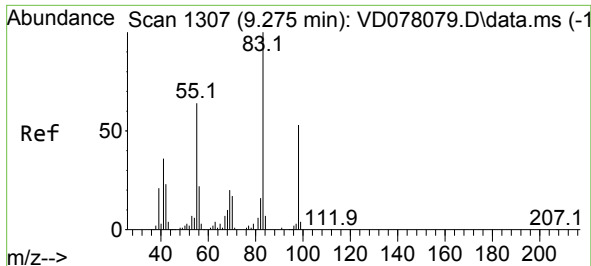
Tgt Ion: 43 Resp: 37807
Ion Ratio Lower Upper
43 100
61 17.9 14.9 22.3
70 11.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.895 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 117 Resp: 126437
Ion Ratio Lower Upper
117 100
119 94.4 78.0 117.0
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 49.581 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

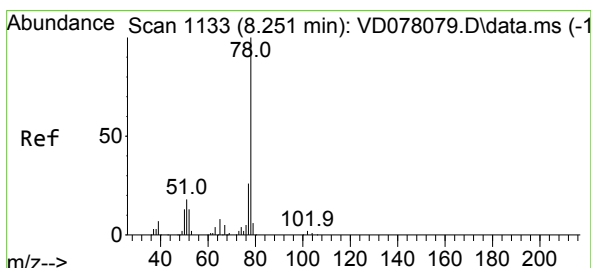
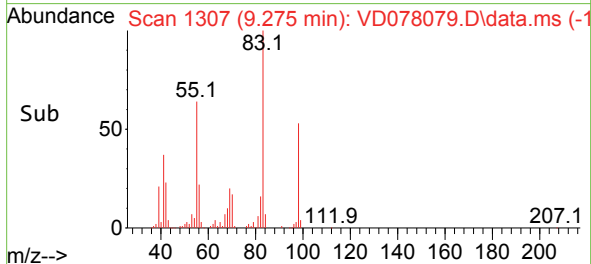
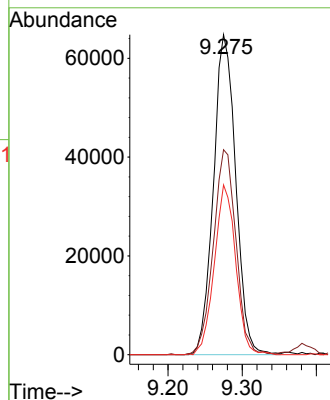
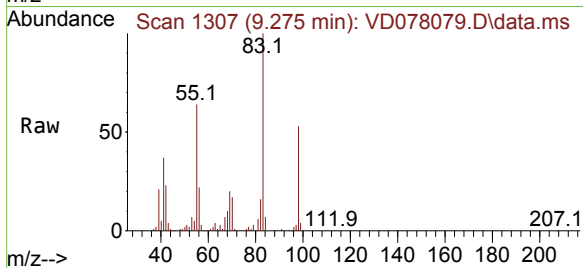
Tgt Ion: 83 Resp: 135650

Ion Ratio Lower Upper

83 100

55 64.1 49.4 74.0

98 53.1 38.4 57.6



#40

Benzene

Concen: 50.268 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078079.D

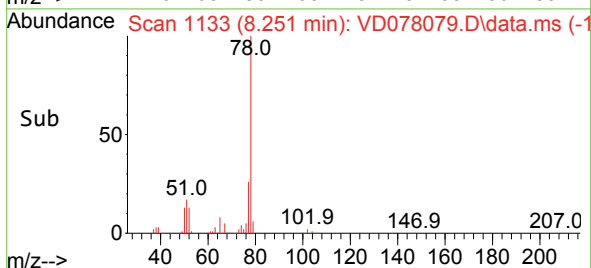
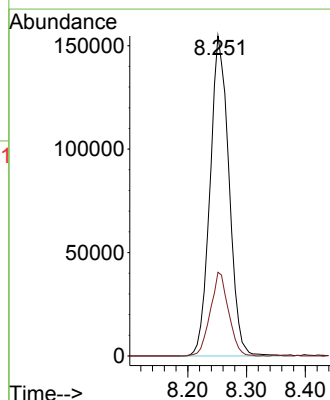
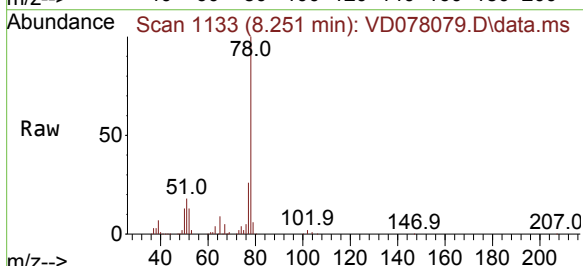
Acq: 26 Dec 2023 12:57

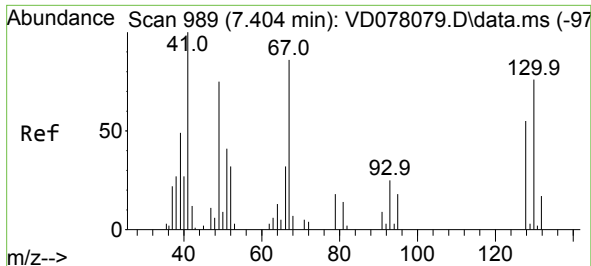
Tgt Ion: 78 Resp: 345743

Ion Ratio Lower Upper

78 100

77 26.2 19.4 29.0

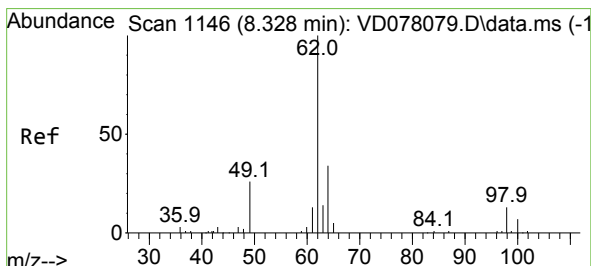
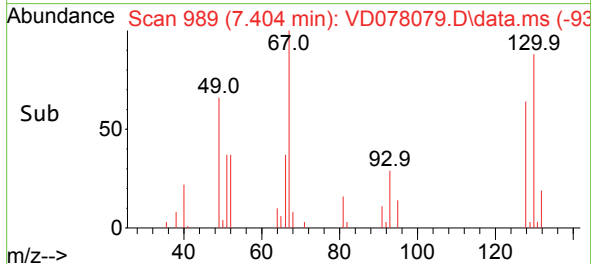
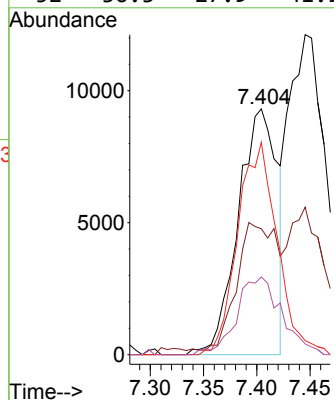
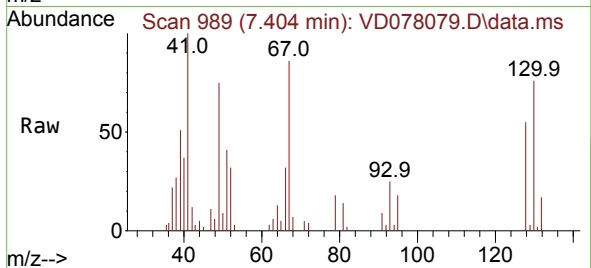




#41
Methacrylonitrile
Concen: 47.285 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

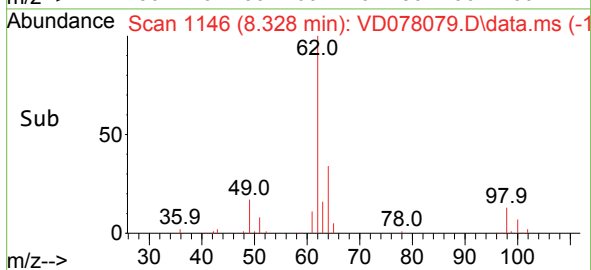
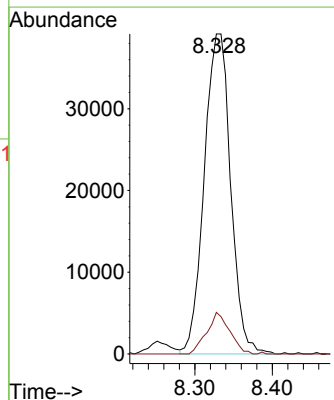
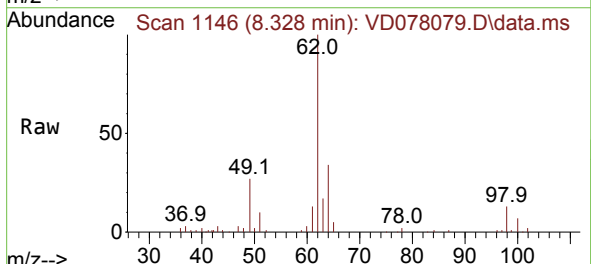
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

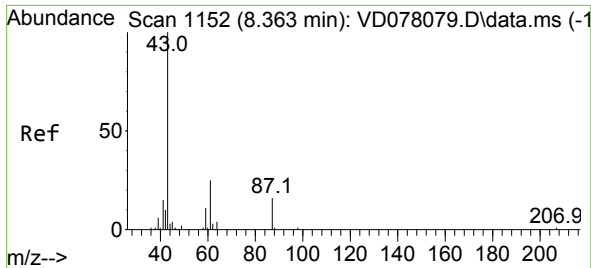
Tgt Ion: 41 Resp: 23768
Ion Ratio Lower Upper
41 100
39 56.1 34.0 51.0#
67 87.9 77.0 115.4
52 36.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 49.883 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 62 Resp: 92720
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

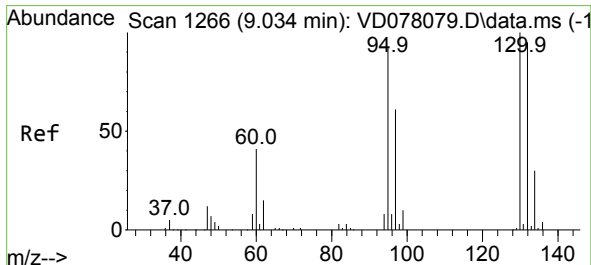
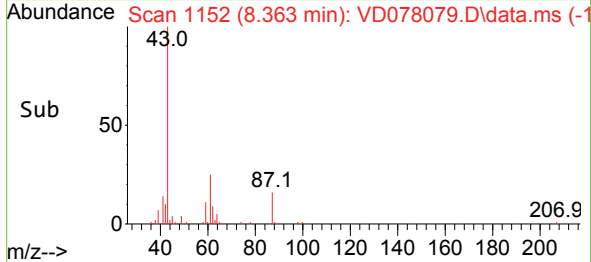
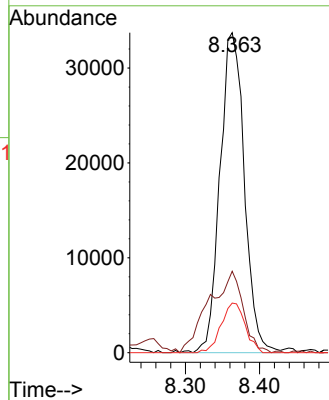
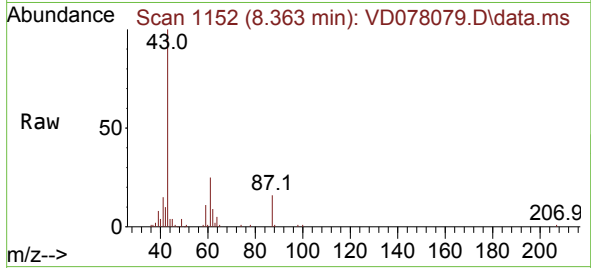




#43
Isopropyl Acetate
Concen: 48.481 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

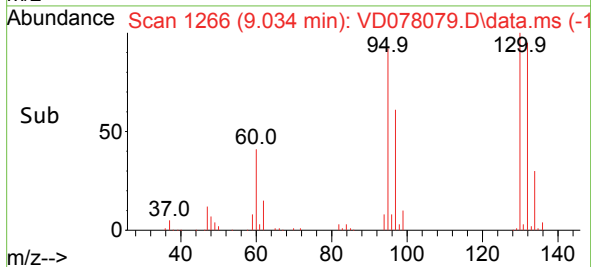
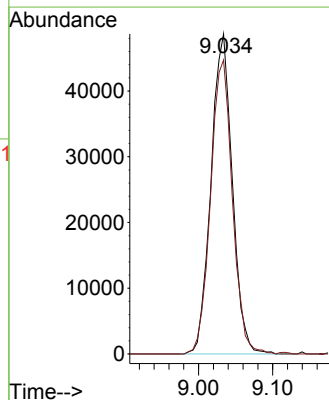
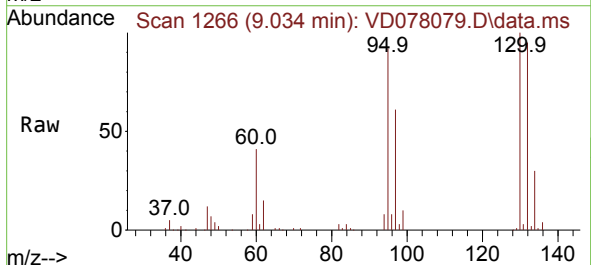
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

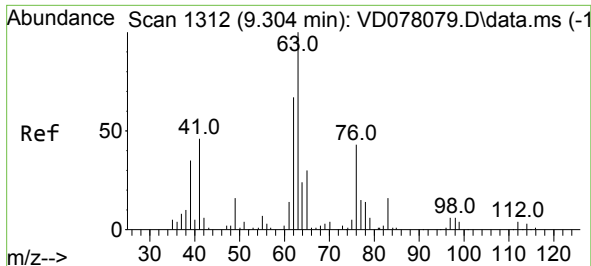
Tgt Ion:	43	Resp:	77036
Ion Ratio	Lower	Upper	
43	100		
61	35.8	31.4	47.0
87	15.3	14.9	22.3



#44
Trichloroethene
Concen: 49.135 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:	130	Resp:	97227
Ion Ratio	Lower	Upper	
130	100		
95	91.8	0.0	179.2





#45

1,2-Dichloropropane

Concen: 50.062 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

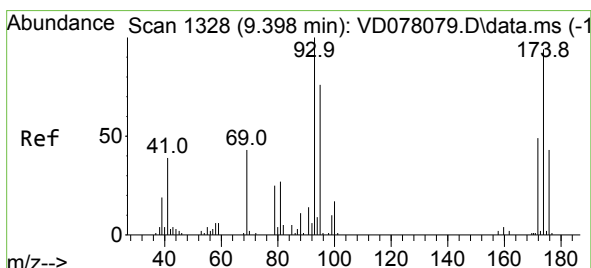
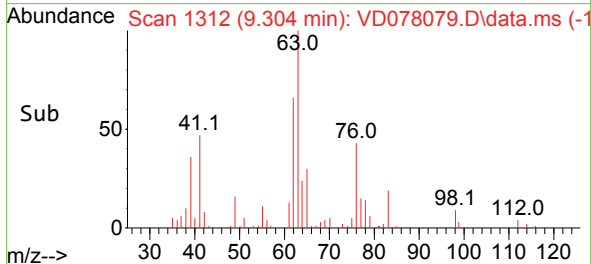
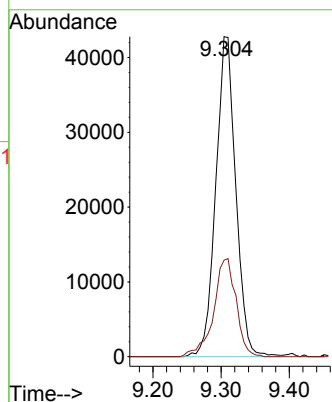
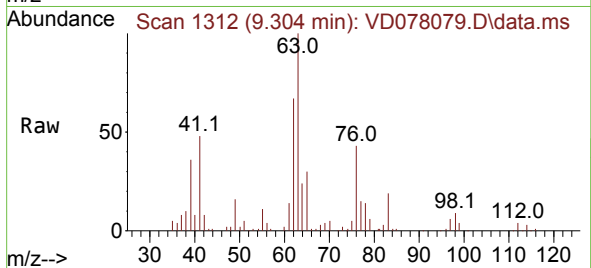
VSTDICCC050

Tgt Ion: 63 Resp: 87250

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 50.965 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

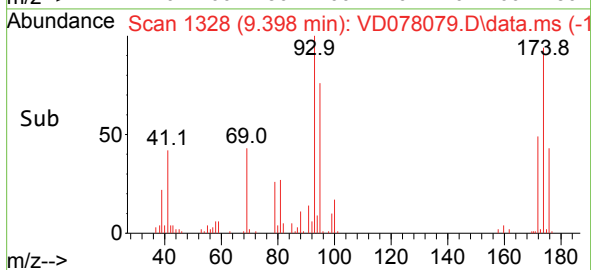
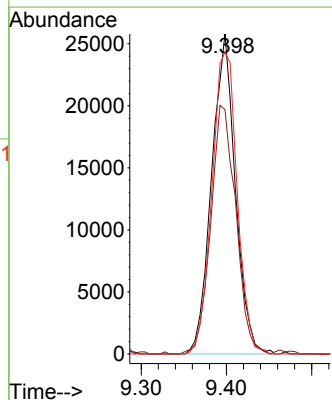
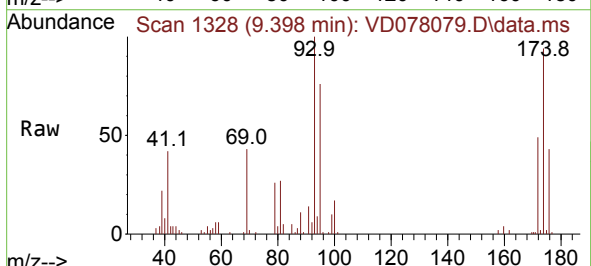
Tgt Ion: 93 Resp: 49749

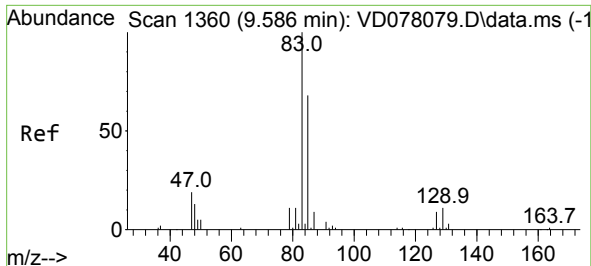
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 100.7 85.4 128.2





#47

Bromodichloromethane

Concen: 48.569 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

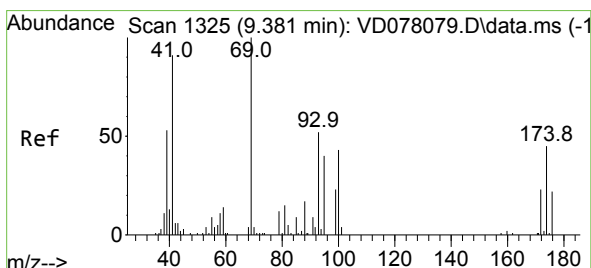
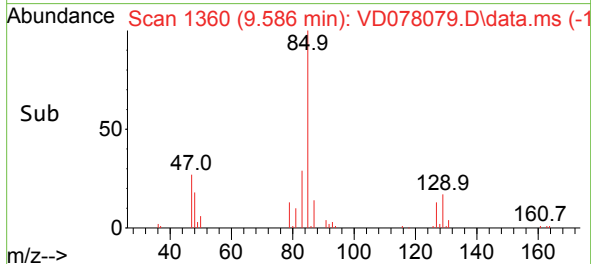
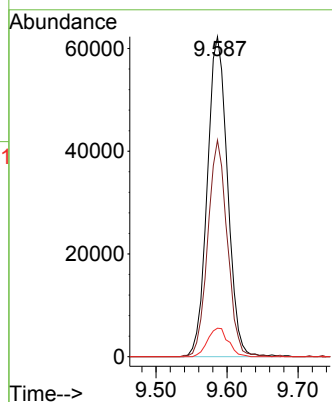
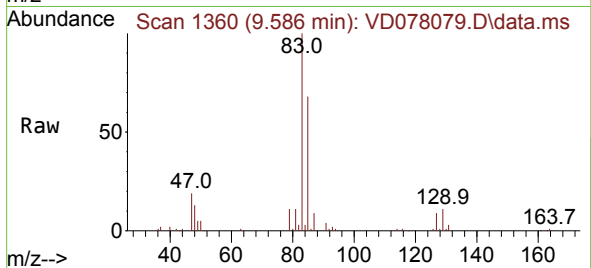
Tgt Ion: 83 Resp: 123151

Ion Ratio Lower Upper

83 100

85 67.6 50.2 75.4

127 8.9 6.3 9.5



#48

Methyl methacrylate

Concen: 49.770 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

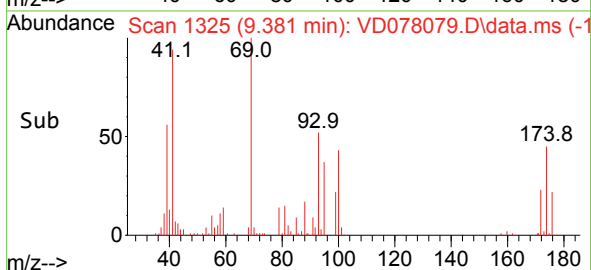
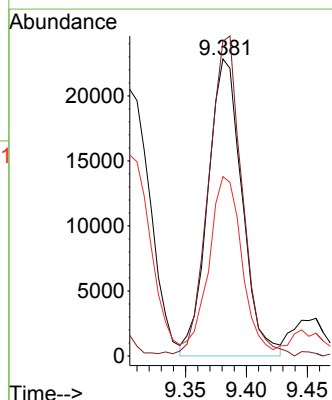
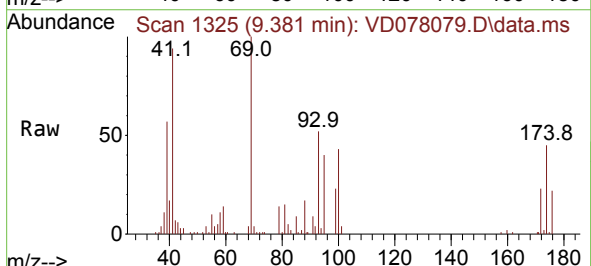
Tgt Ion: 41 Resp: 44570

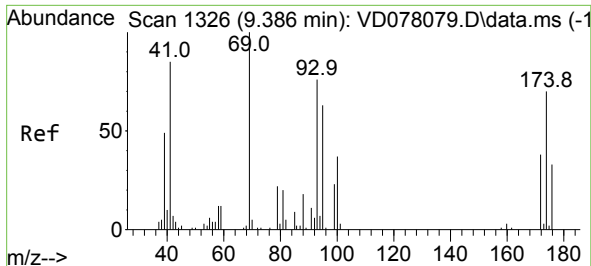
Ion Ratio Lower Upper

41 100

69 105.0 102.2 153.2

39 59.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1002.402 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

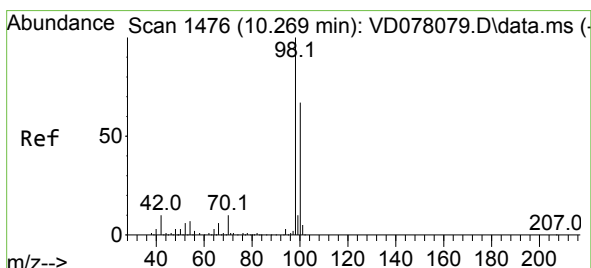
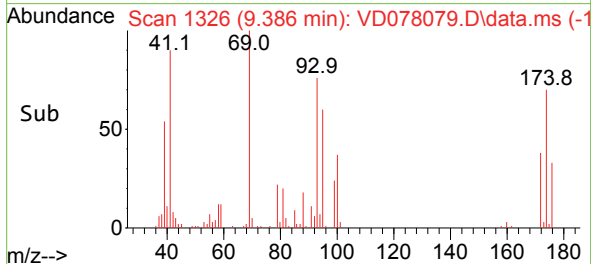
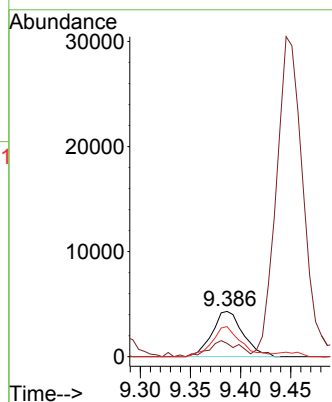
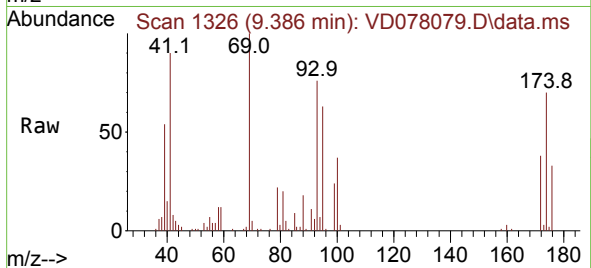
Tgt Ion: 88 Resp: 9250

Ion Ratio Lower Upper

88 100

43 33.0 19.0 28.6#

58 61.6 43.5 65.3



#50

Toluene-d8

Concen: 45.971 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078079.D

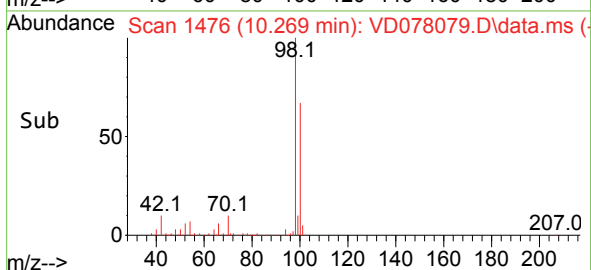
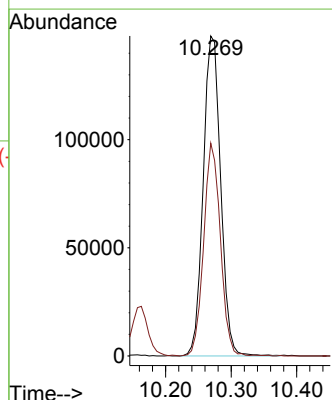
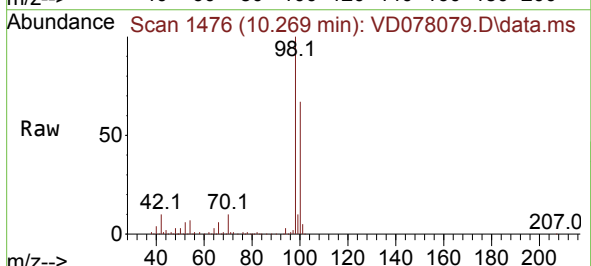
Acq: 26 Dec 2023 12:57

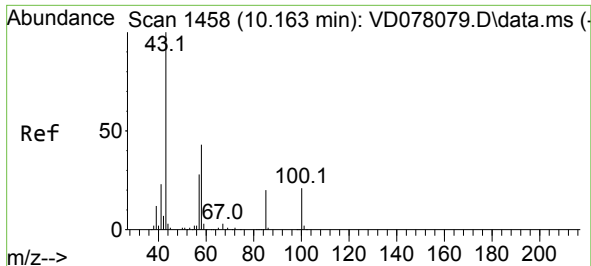
Tgt Ion: 98 Resp: 274345

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 244.662 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

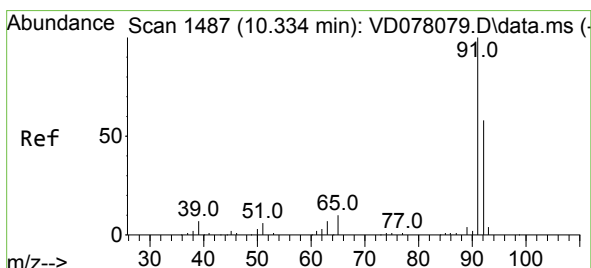
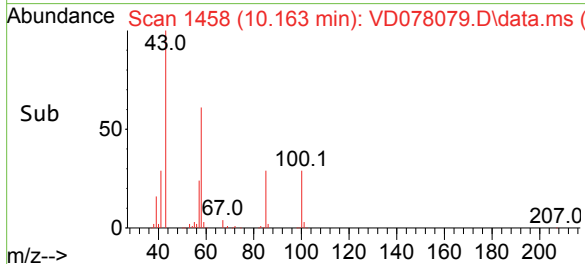
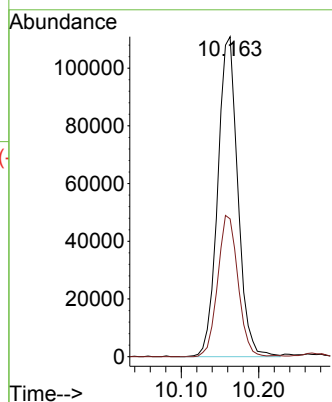
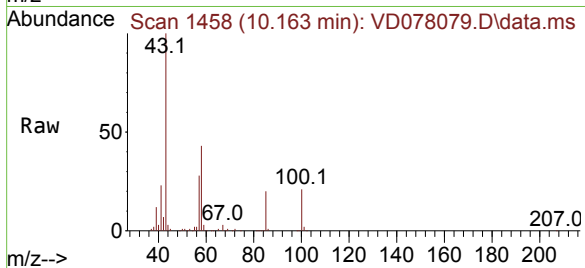
VSTDICCC050

Tgt Ion: 43 Resp: 199482

Ion Ratio Lower Upper

43 100

58 44.7 38.9 58.3



#52

Toluene

Concen: 50.525 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078079.D

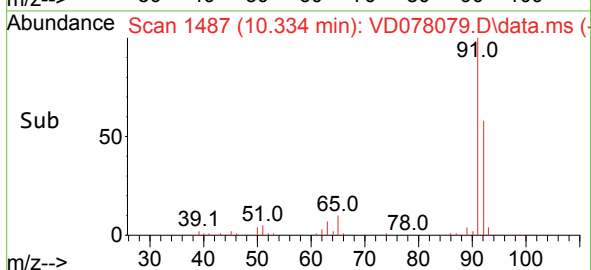
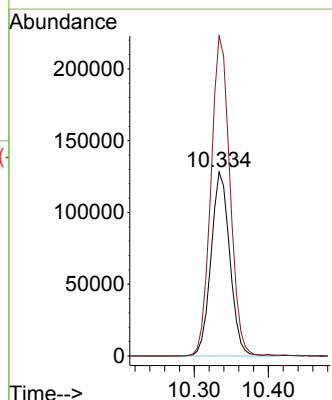
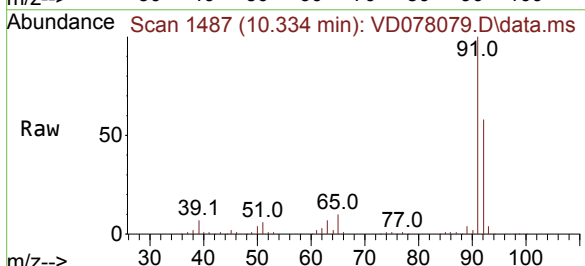
Acq: 26 Dec 2023 12:57

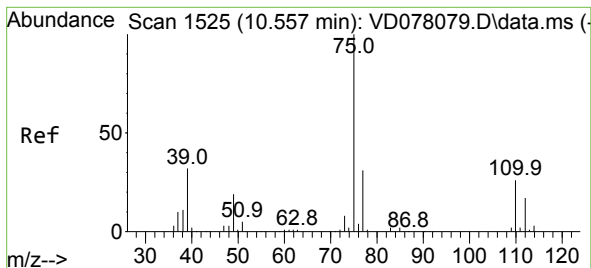
Tgt Ion: 92 Resp: 225392

Ion Ratio Lower Upper

92 100

91 176.0 143.0 214.4

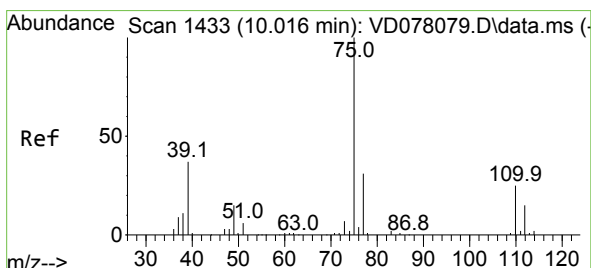
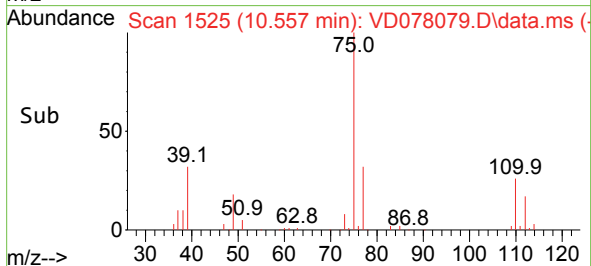
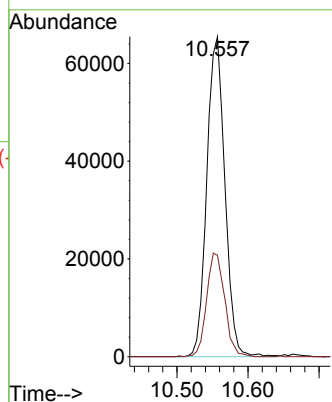
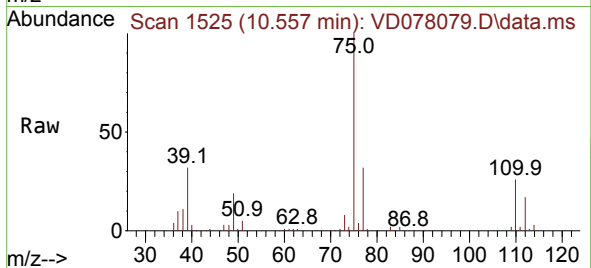




#53
 t-1,3-Dichloropropene
 Concen: 50.424 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

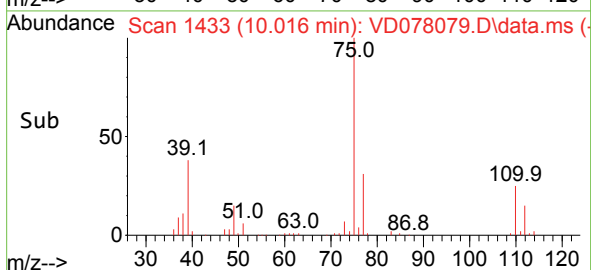
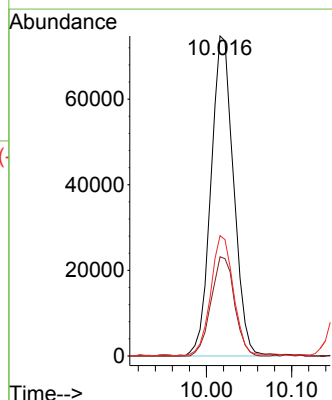
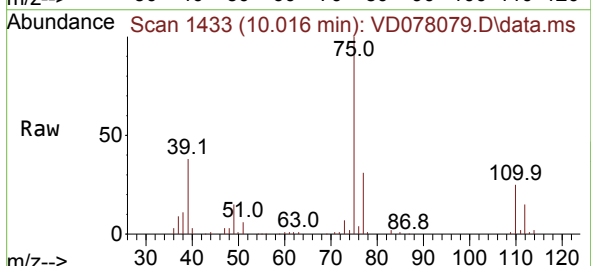
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

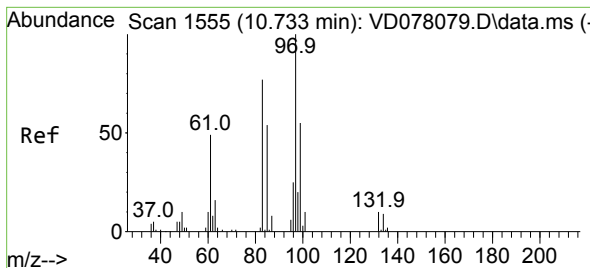
Tgt Ion: 75 Resp: 116003
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.902 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Tgt Ion: 75 Resp: 137864
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.5 38.3
 39 37.2 22.1 33.1#

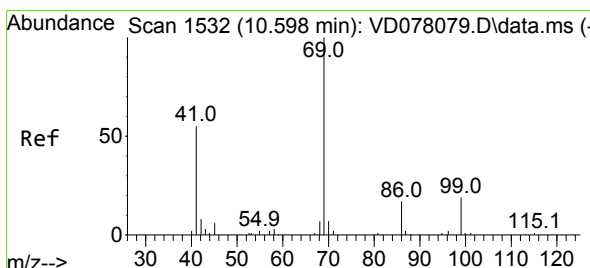
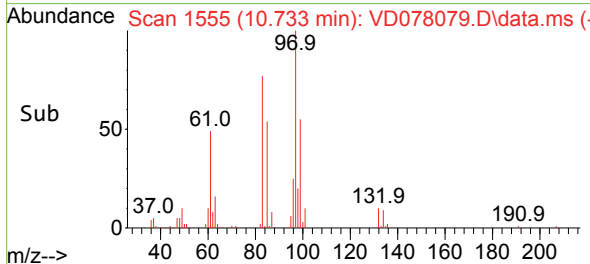
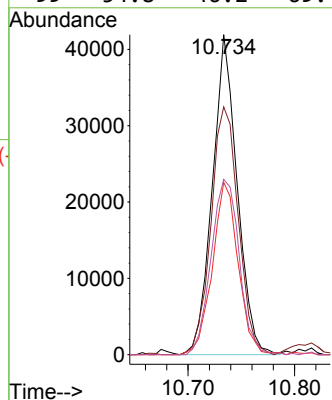
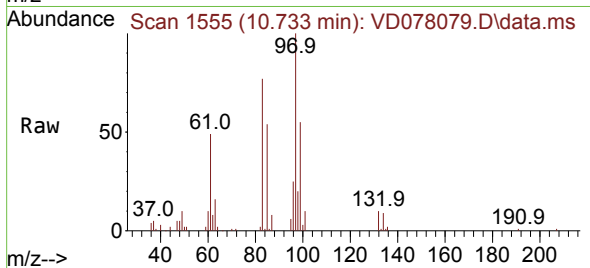




#55
1,1,2-Trichloroethane
Concen: 49.346 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

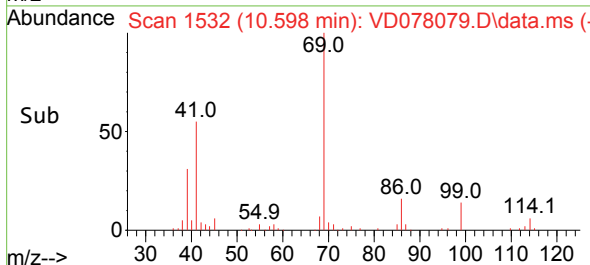
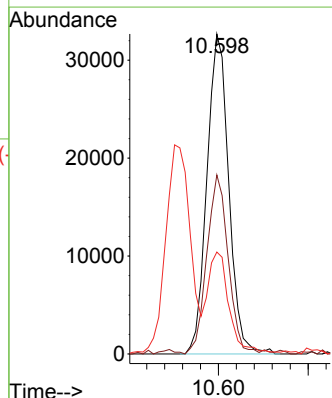
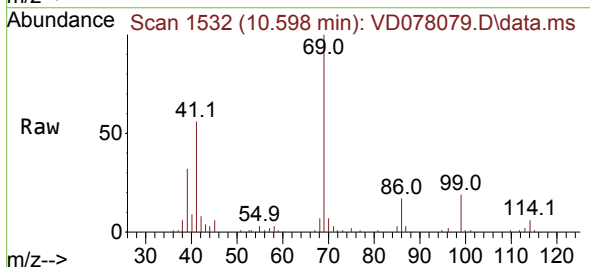
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

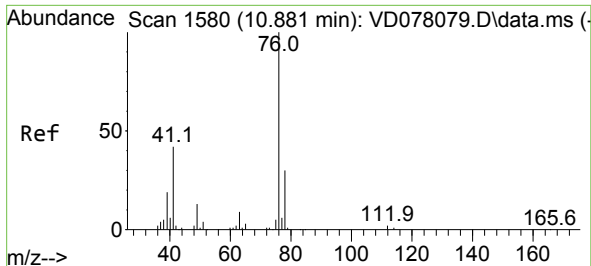
Tgt Ion:	97	Resp:	67784
Ion	Ratio	Lower	Upper
97	100		
83	77.5	65.8	98.6
85	53.9	45.7	68.5
99	54.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 50.640 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:	69	Resp:	55203
Ion	Ratio	Lower	Upper
69	100		
41	55.2	39.1	58.7
39	31.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 49.659 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

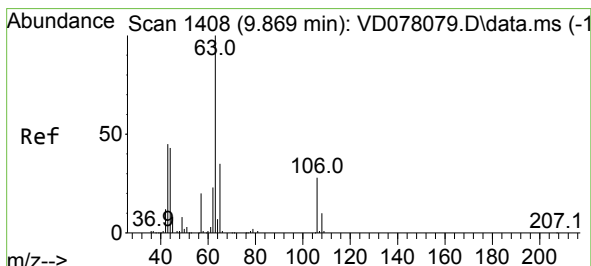
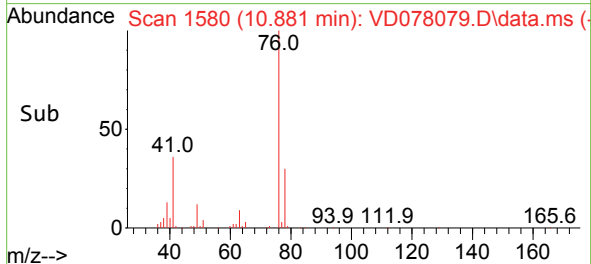
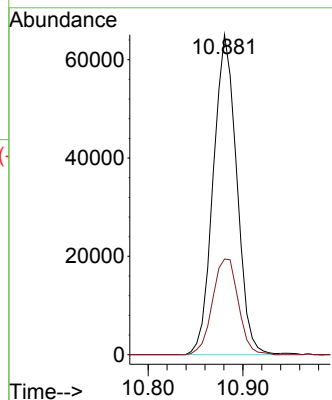
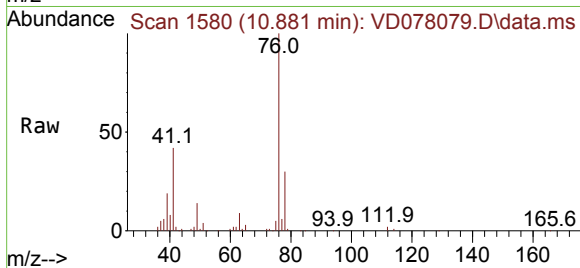
VSTDICCC050

Tgt Ion: 76 Resp: 112076

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 303.996 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078079.D

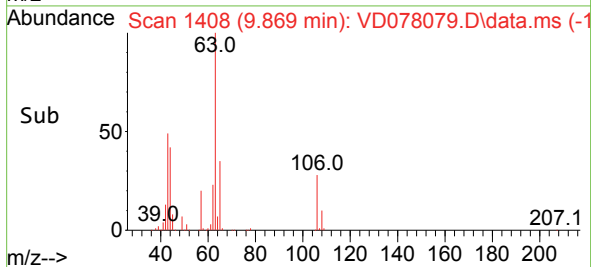
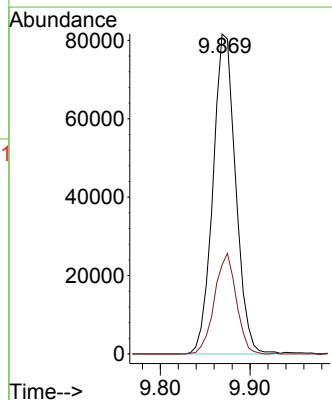
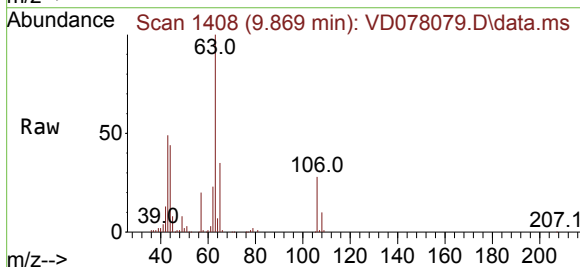
Acq: 26 Dec 2023 12:57

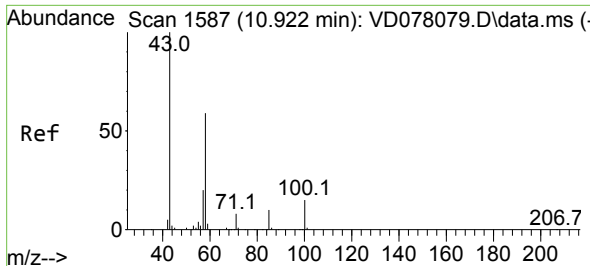
Tgt Ion: 63 Resp: 143476

Ion Ratio Lower Upper

63 100

106 30.0 25.3 37.9

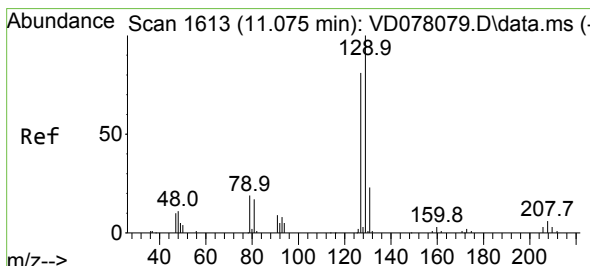
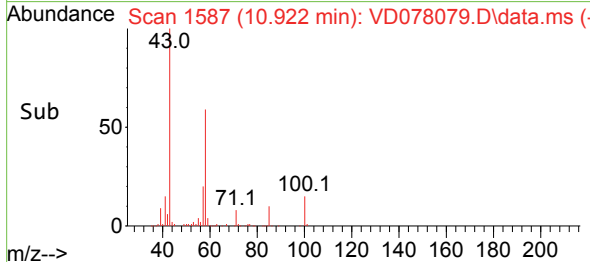
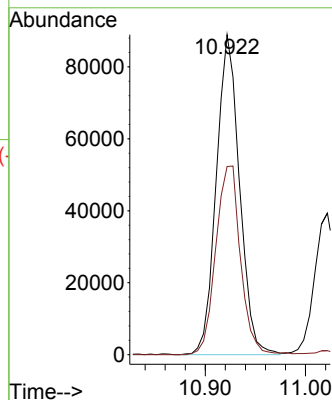
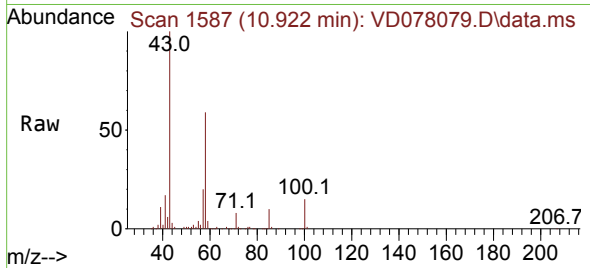




#59
2-Hexanone
Concen: 225.790 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

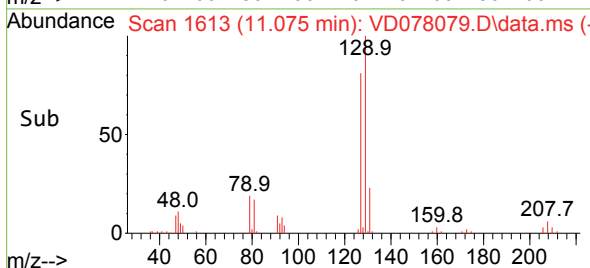
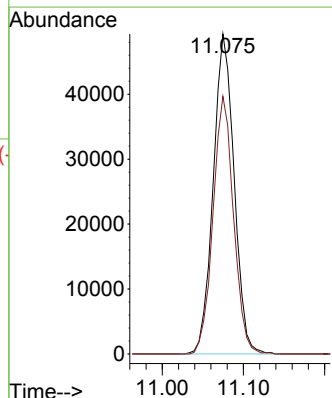
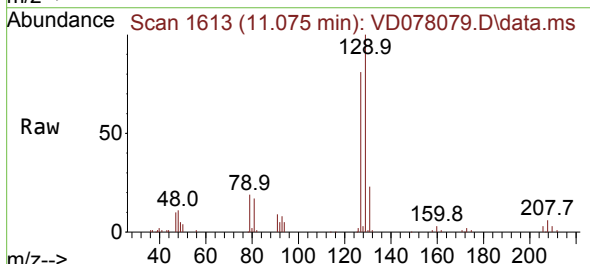
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

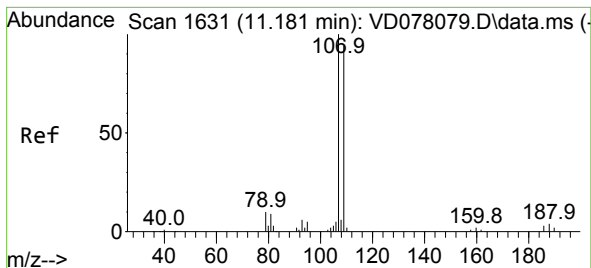
Tgt Ion: 43 Resp: 142999
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2



#60
Dibromochloromethane
Concen: 50.338 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 129 Resp: 88089
Ion Ratio Lower Upper
129 100
127 79.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 49.498 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

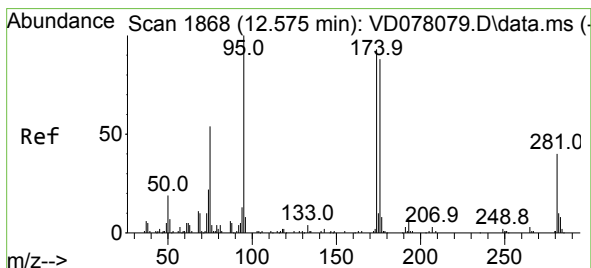
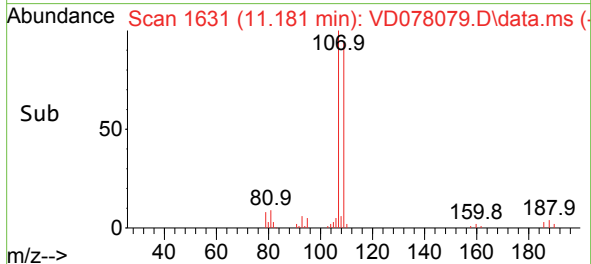
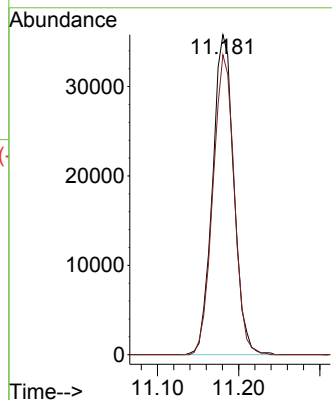
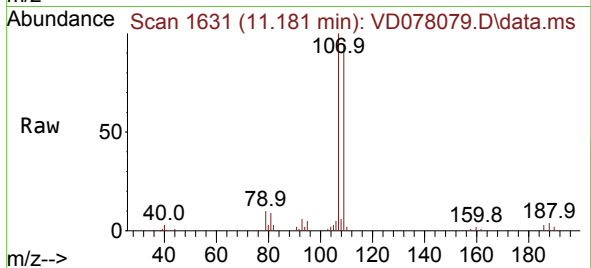
VSTDICCC050

Tgt Ion:107 Resp: 65187

Ion Ratio Lower Upper

107 100

109 93.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 45.248 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

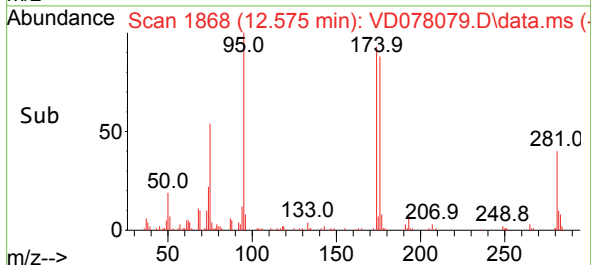
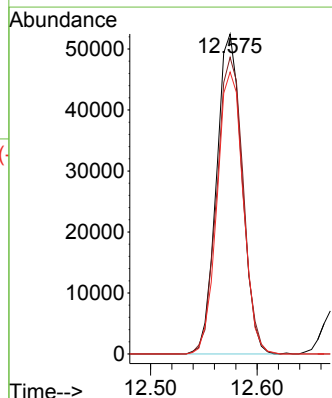
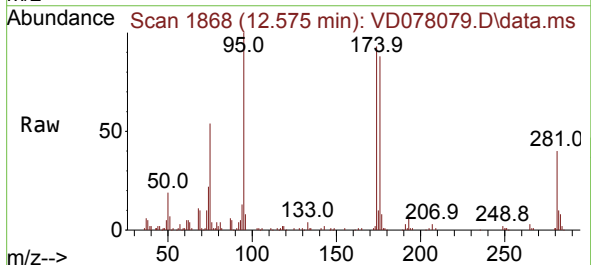
Tgt Ion: 95 Resp: 86885

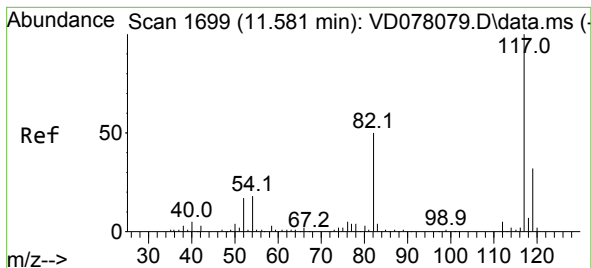
Ion Ratio Lower Upper

95 100

174 96.3 0.0 201.8

176 90.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

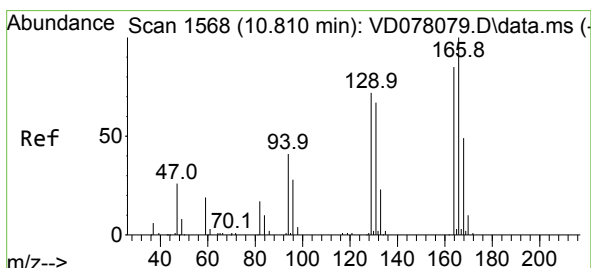
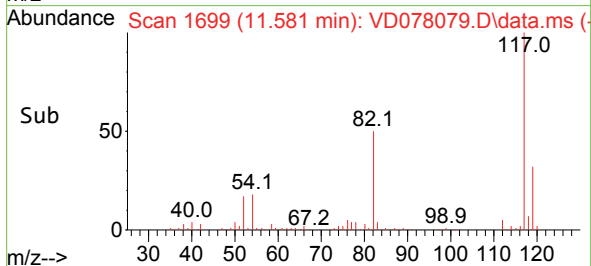
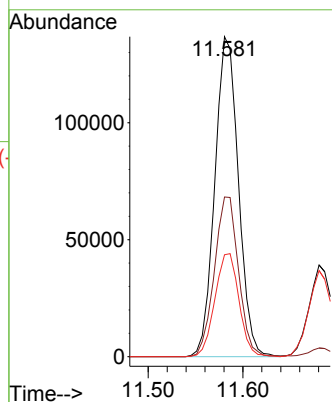
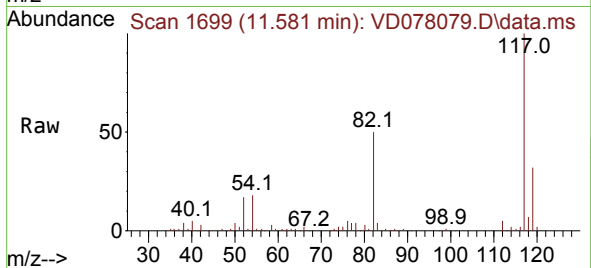
Tgt Ion:117 Resp: 237023

Ion Ratio Lower Upper

117 100

82 49.9 38.3 57.5

119 31.8 25.0 37.4



#64

Tetrachloroethene

Concen: 48.902 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Tgt Ion:164 Resp: 78321

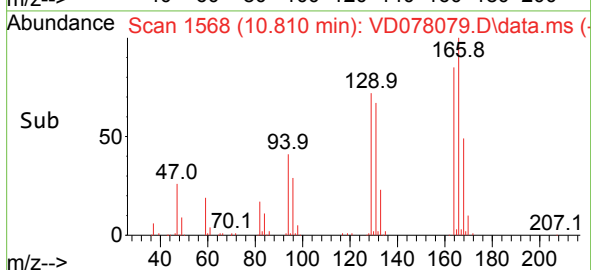
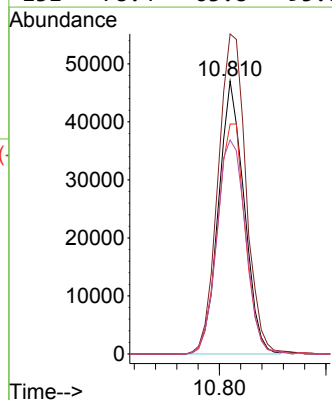
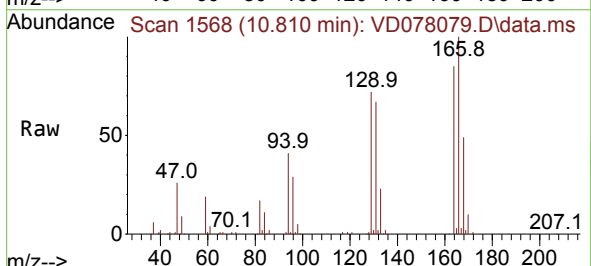
Ion Ratio Lower Upper

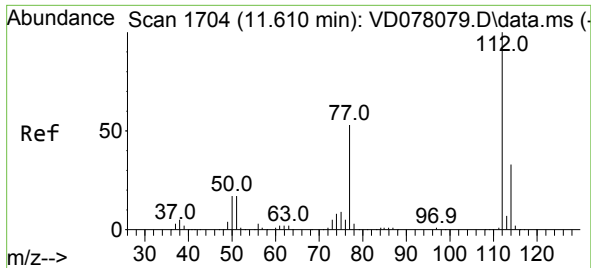
164 100

166 117.2 99.2 148.8

129 84.2 68.4 102.6

131 78.4 63.8 95.8

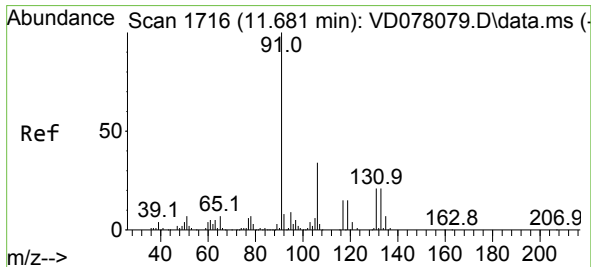
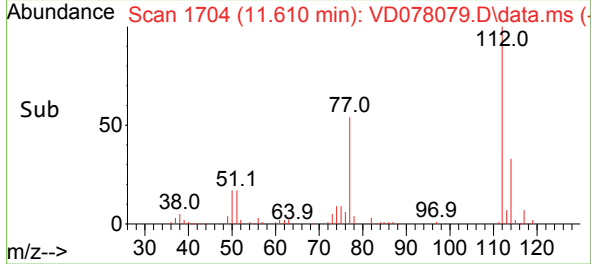
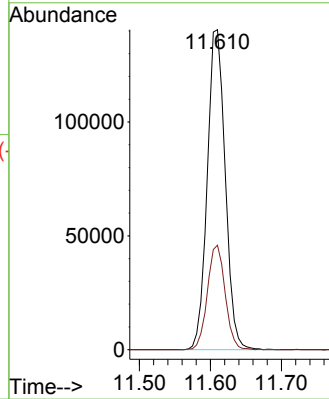
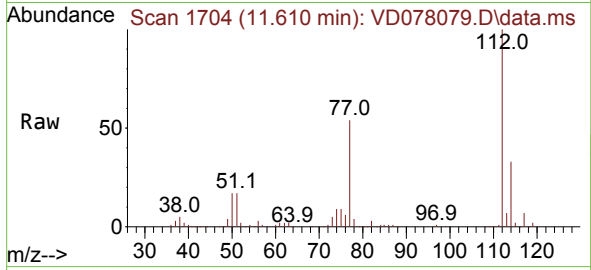




#65
Chlorobenzene
Concen: 49.092 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

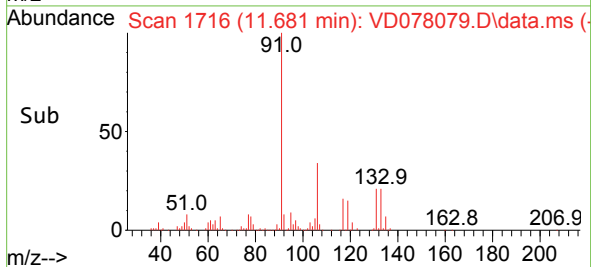
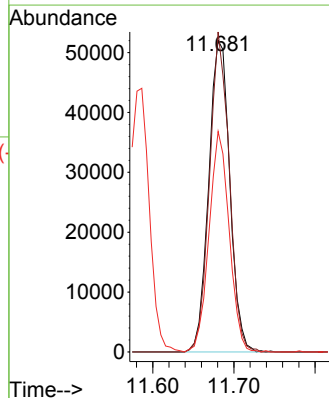
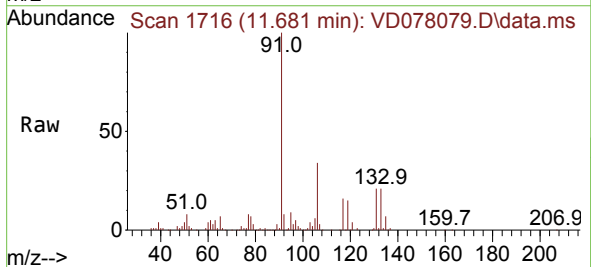
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

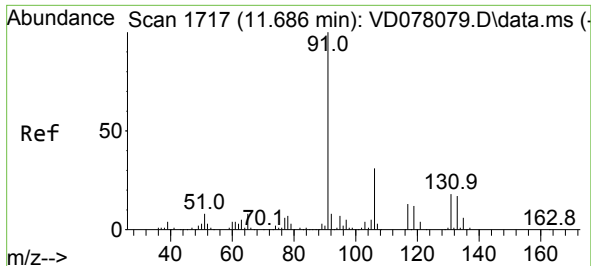
Tgt Ion:112 Resp: 247200
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.197 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:131 Resp: 93764
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 67.7 35.6 106.9

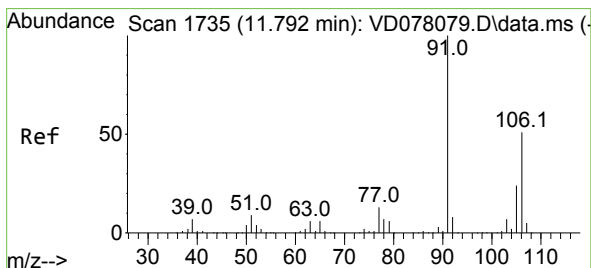
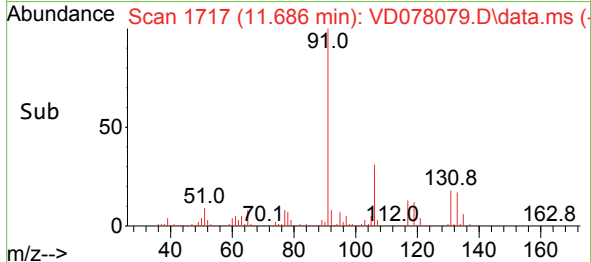
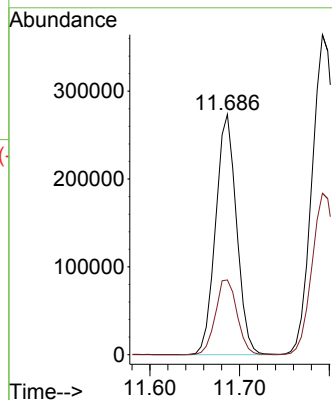
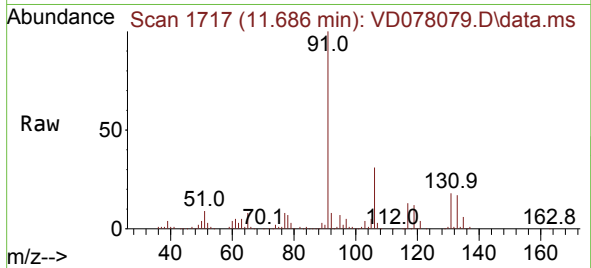




#67
Ethyl Benzene
Concen: 50.379 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

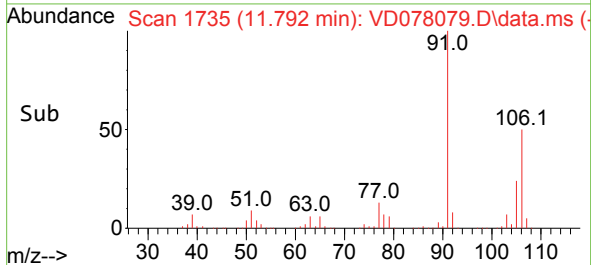
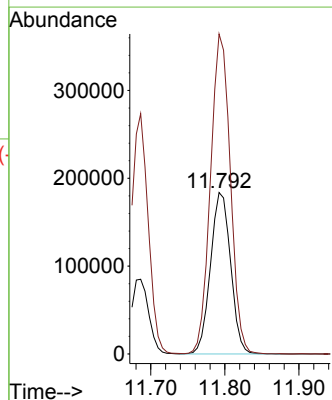
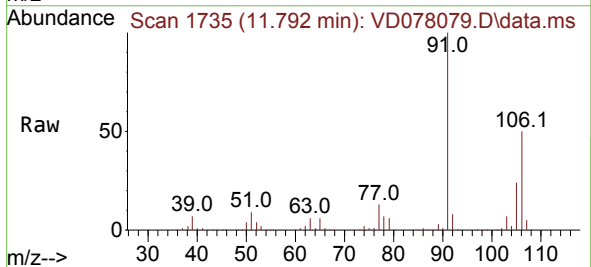
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

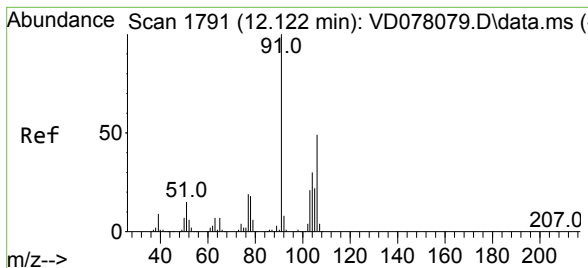
Tgt Ion: 91 Resp: 442256
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 101.393 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 106 Resp: 346412
Ion Ratio Lower Upper
106 100
91 195.6 147.0 220.6

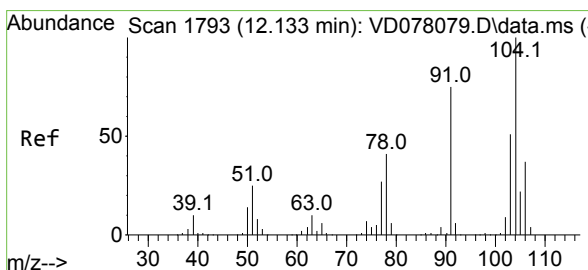
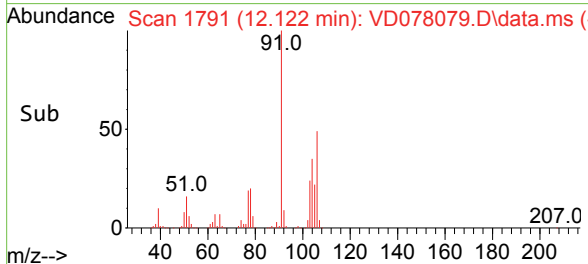
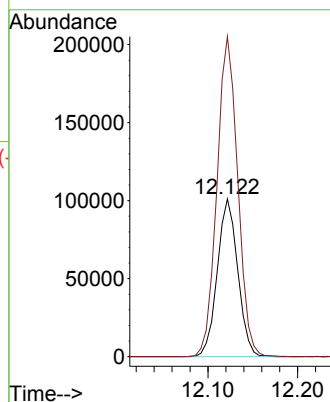
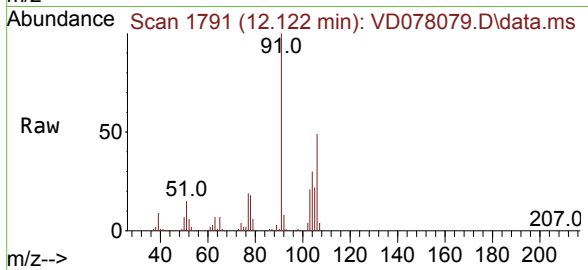




#69
o-Xylene
Concen: 50.260 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

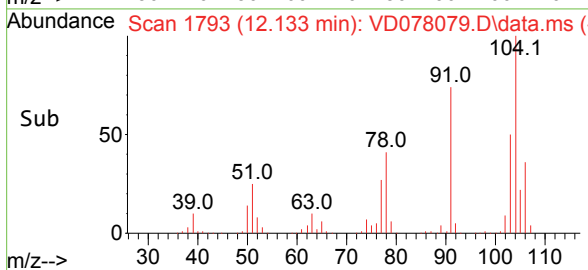
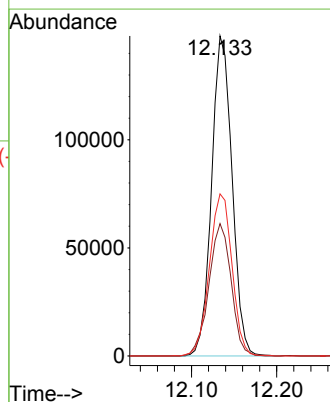
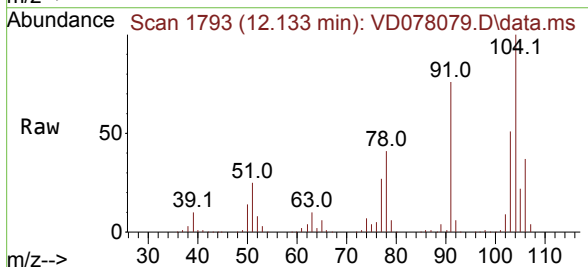
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

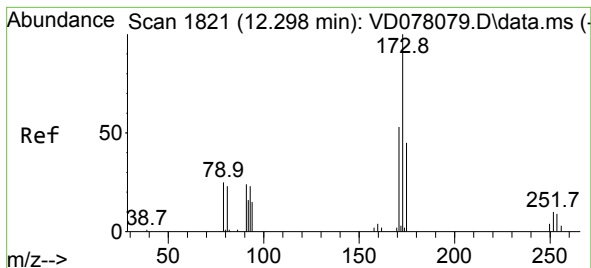
Tgt Ion:106 Resp: 160041
Ion Ratio Lower Upper
106 100
91 206.2 97.9 293.6



#70
Styrene
Concen: 52.555 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:104 Resp: 247084
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 55.9 43.6 65.4





#71

Bromoform

Concen: 48.214 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

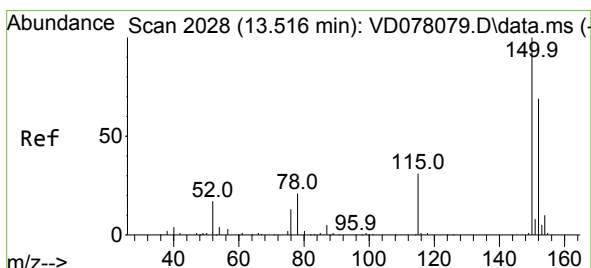
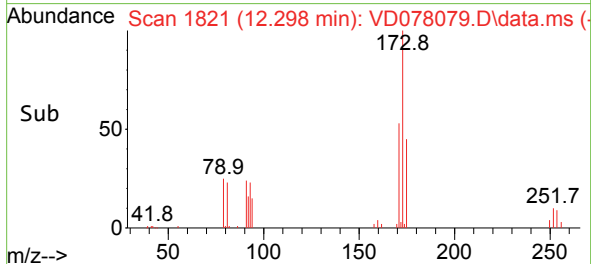
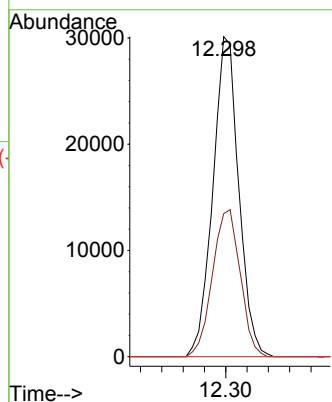
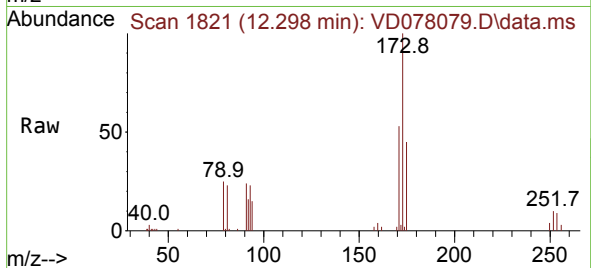
Tgt Ion:173 Resp: 50696

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

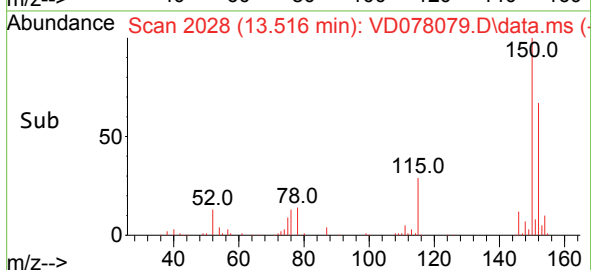
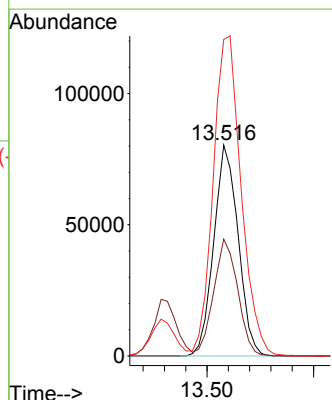
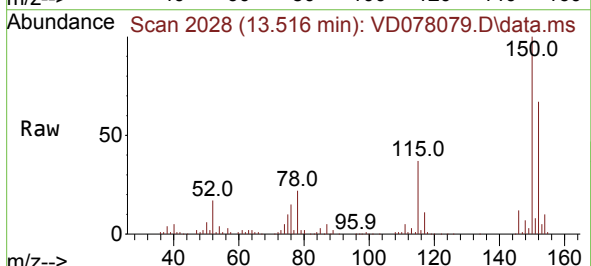
Tgt Ion:152 Resp: 127477

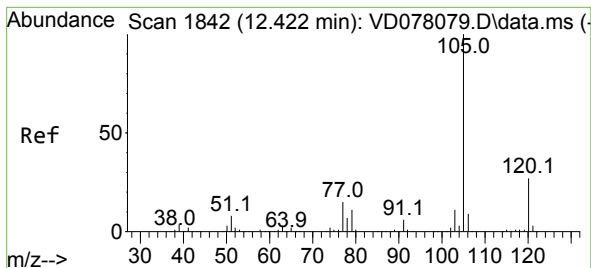
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 174.7 0.0 353.6





#73

Isopropylbenzene

Concen: 49.292 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

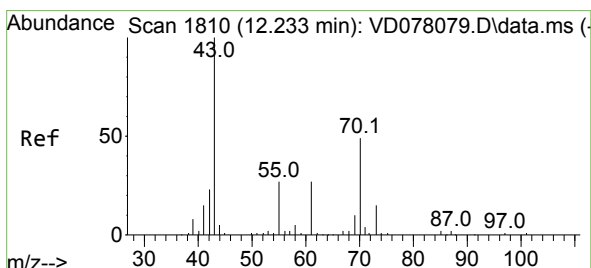
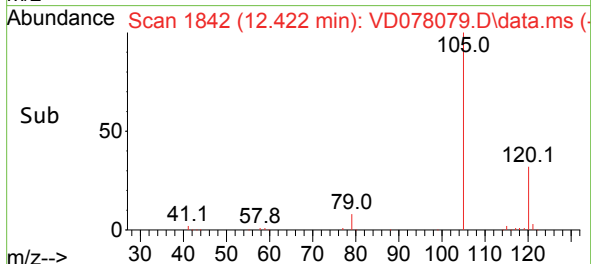
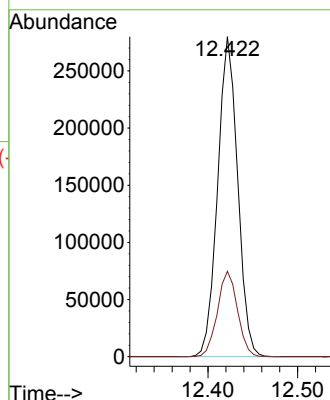
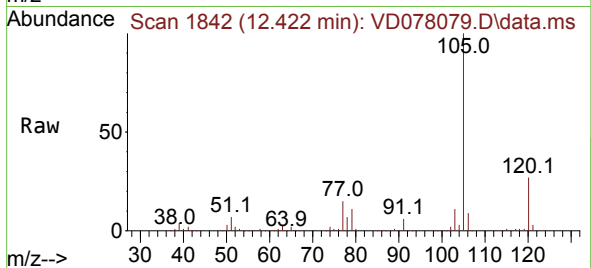
VSTDICCC050

Tgt Ion:105 Resp: 432788

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 48.164 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Tgt Ion: 43 Resp: 70202

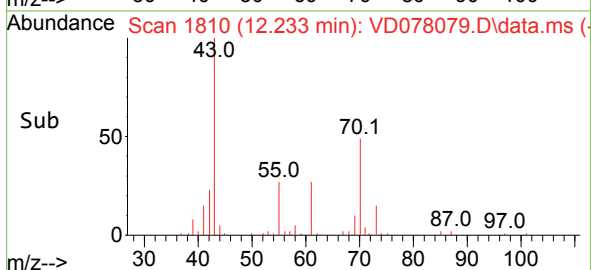
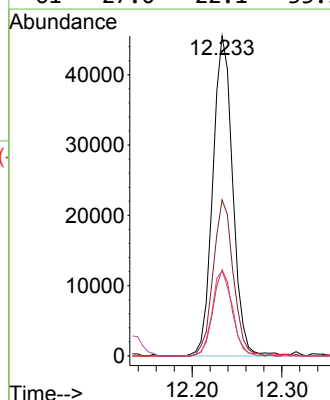
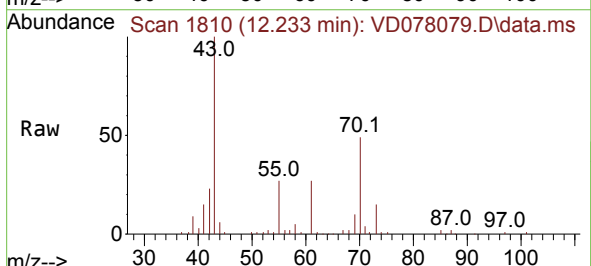
Ion Ratio Lower Upper

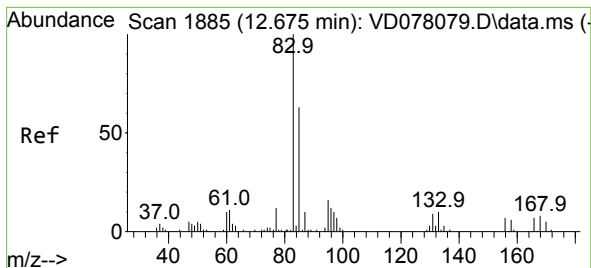
43 100

70 49.1 45.0 67.4

55 26.2 23.8 35.6

61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.047 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

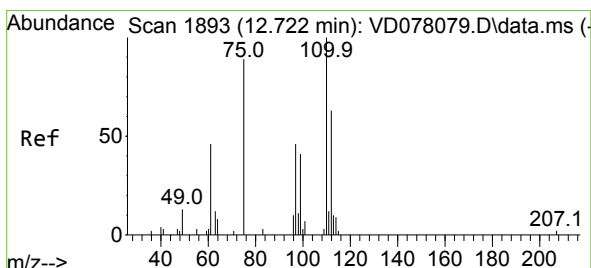
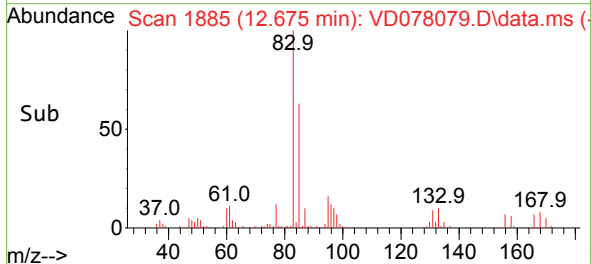
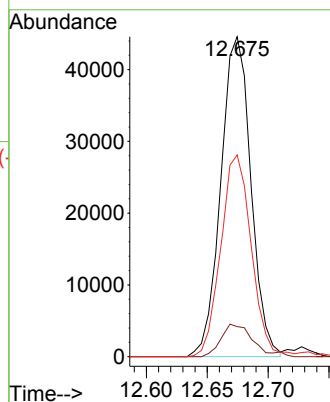
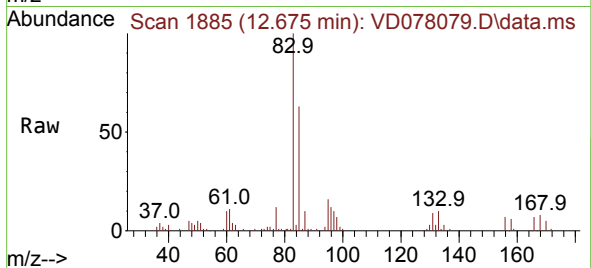
Tgt Ion: 83 Resp: 76671

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 63.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 89.821 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078079.D

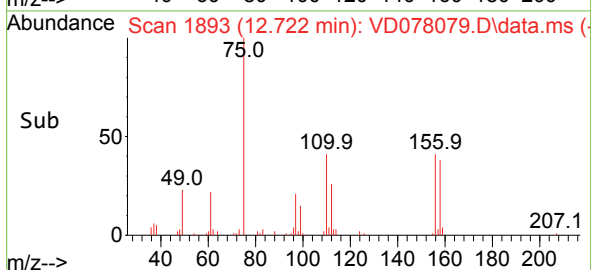
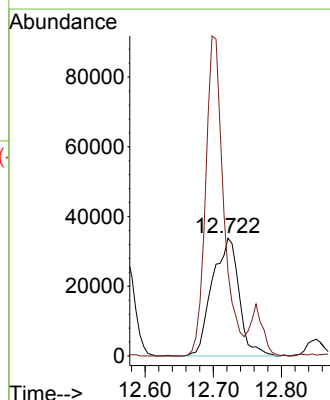
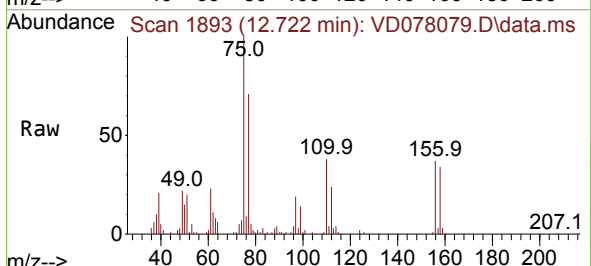
Acq: 26 Dec 2023 12:57

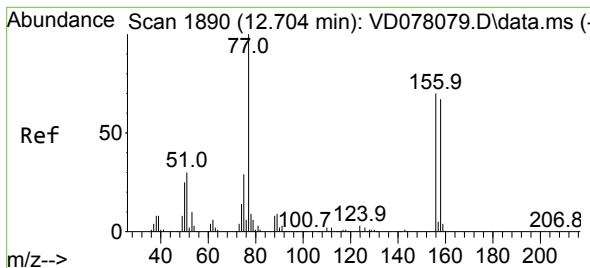
Tgt Ion: 75 Resp: 92500

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.557 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

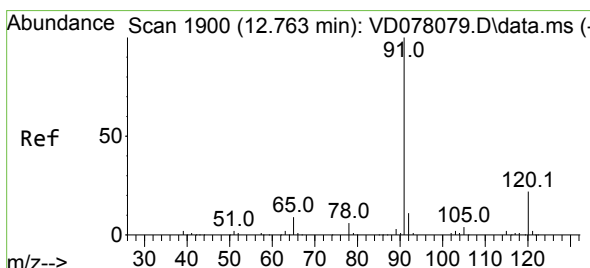
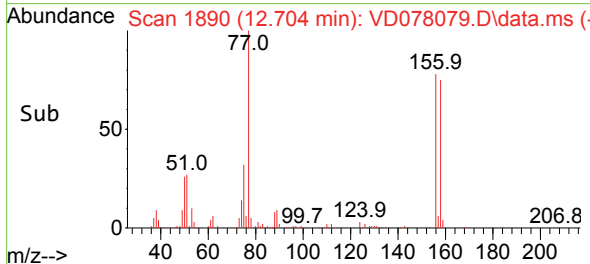
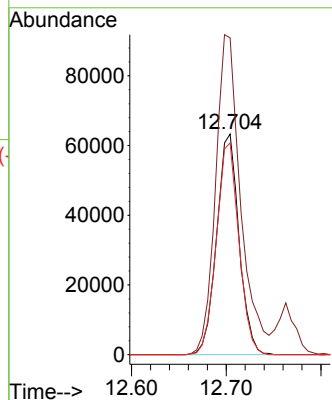
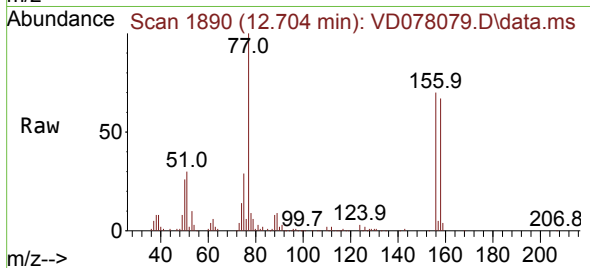
Tgt Ion:156 Resp: 103714

Ion Ratio Lower Upper

156 100

77 163.0 76.8 230.4

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 48.747 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078079.D

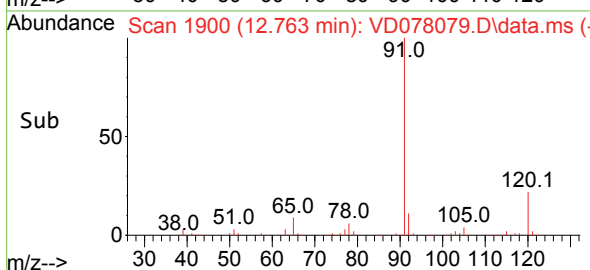
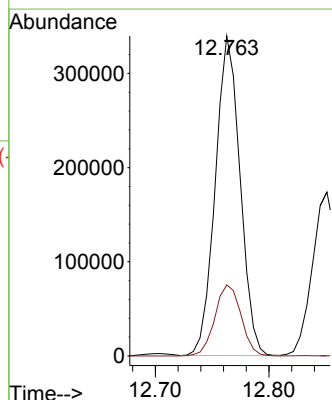
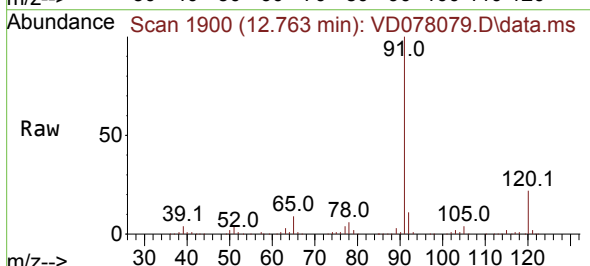
Acq: 26 Dec 2023 12:57

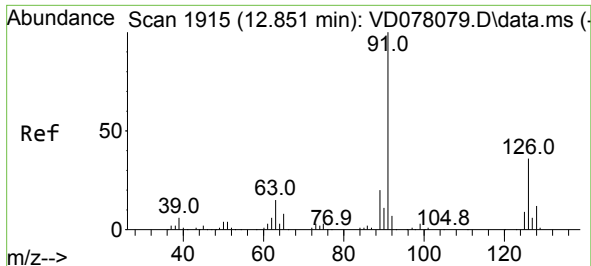
Tgt Ion: 91 Resp: 515191

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2

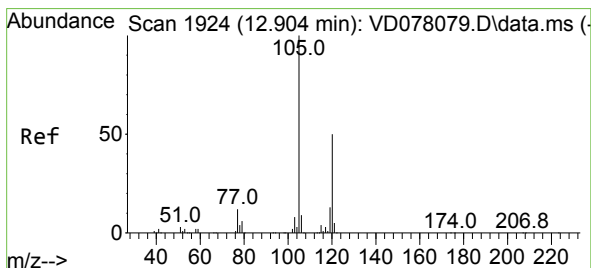
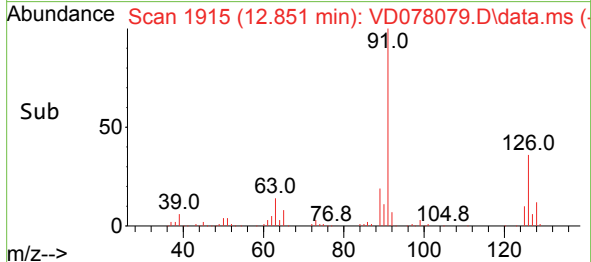
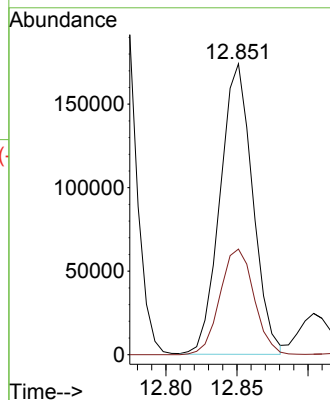
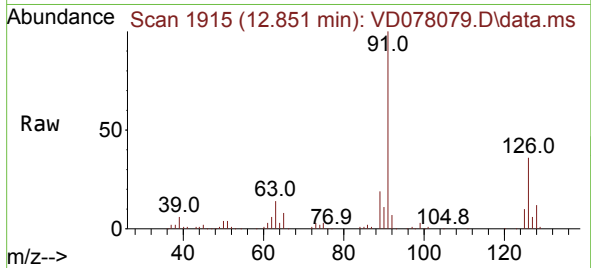




#79
2-Chlorotoluene
Concen: 48.608 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

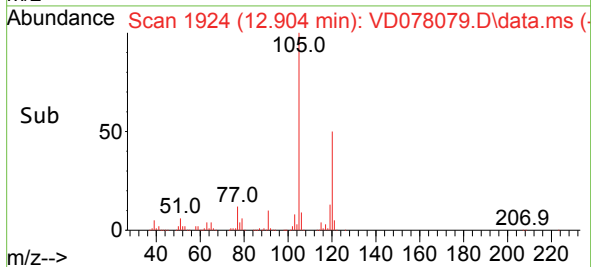
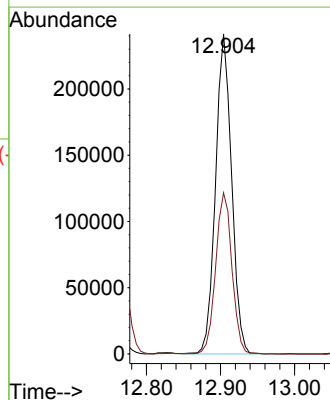
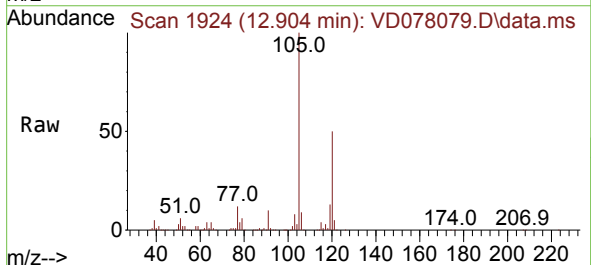
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

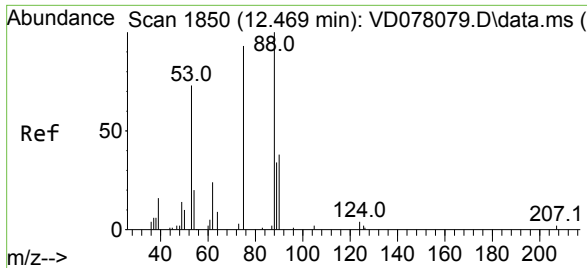
Tgt Ion: 91 Resp: 277860
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.033 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 105 Resp: 363341
Ion Ratio Lower Upper
105 100
120 51.0 26.4 79.2

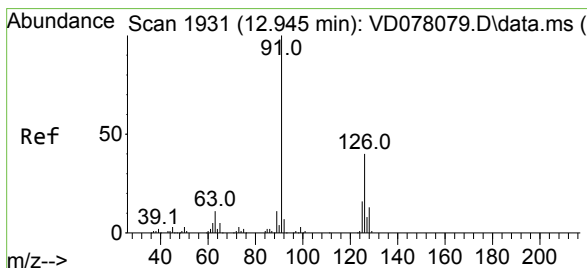
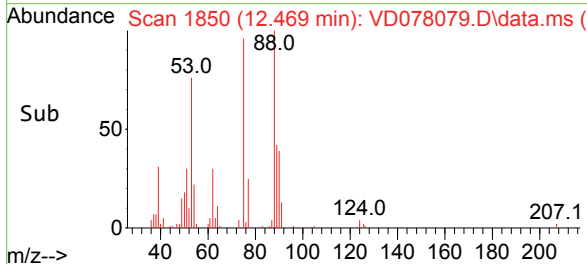
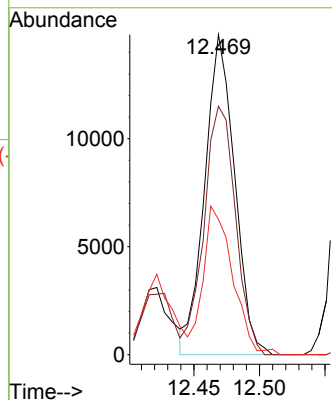
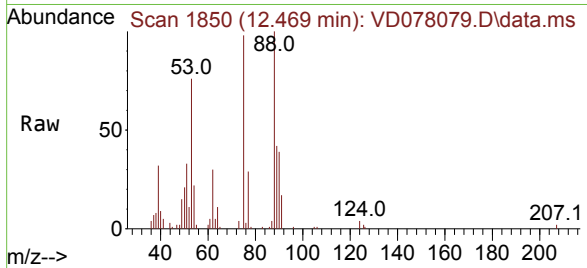




#81
trans-1,4-Dichloro-2-butene
Concen: 46.995 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

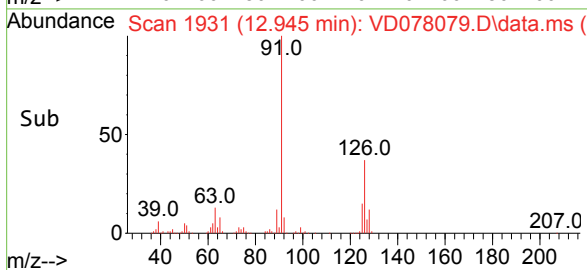
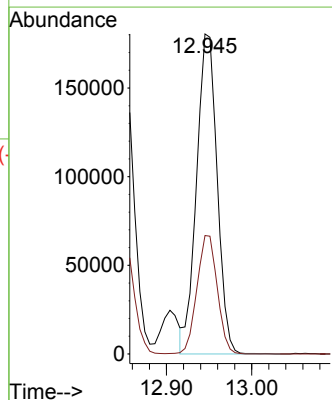
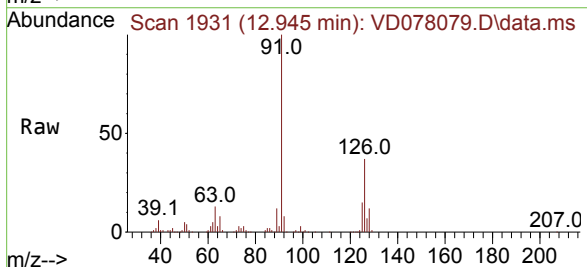
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

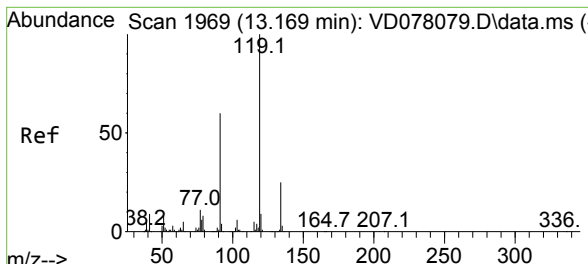
Tgt Ion:	75	Resp:	23456
Ion Ratio	Lower	Upper	
75	100		
53	82.2	63.0	94.4
89	45.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 49.409 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion:	91	Resp:	302814
Ion Ratio	Lower	Upper	
91	100		
126	36.6	19.4	58.4



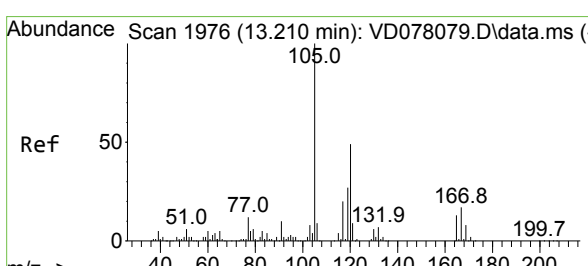
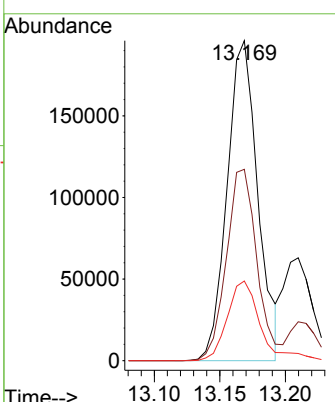
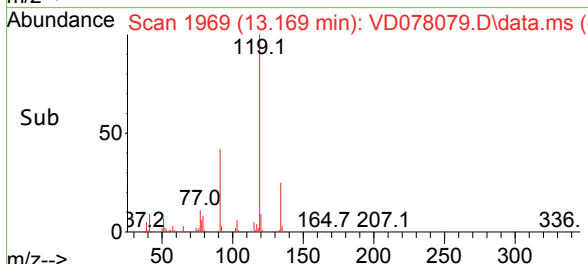
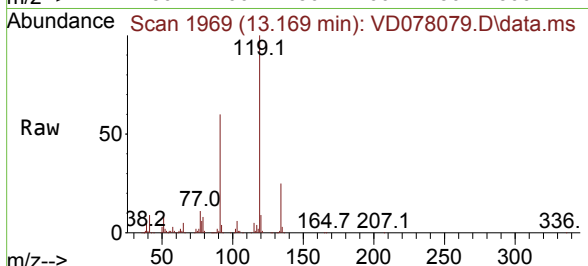


#83
 tert-Butylbenzene
 Concen: 49.069 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Instrument : MSVOA_D
 ClientSampleId : VSTDICCC050

Tgt Ion:119 Resp: 319208

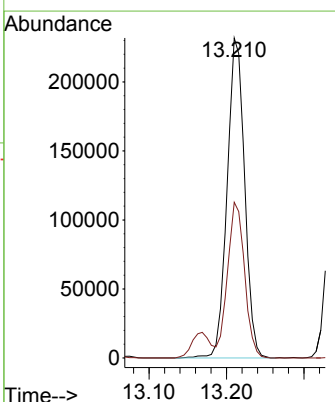
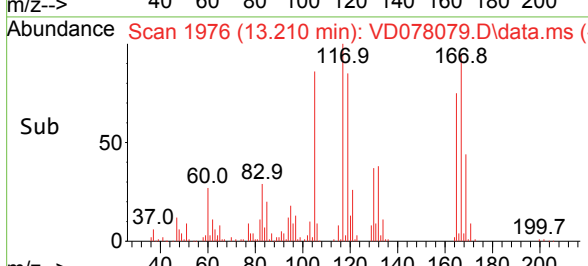
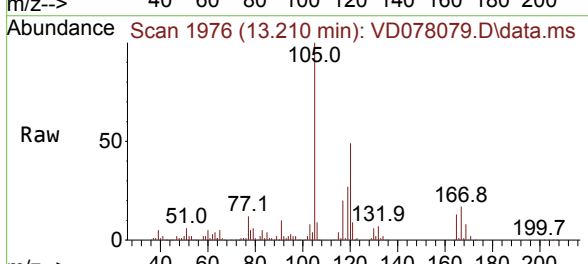
Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.3	87.8
134	26.8	14.1	42.3

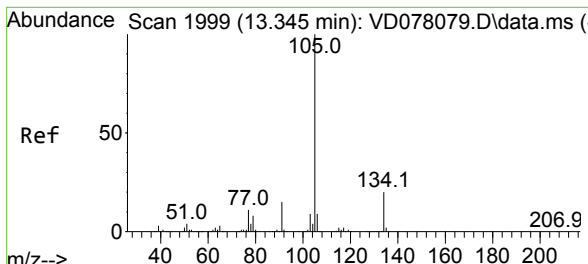


#84
 1,2,4-Trimethylbenzene
 Concen: 49.182 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Tgt Ion:105 Resp: 363795

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.3	72.9

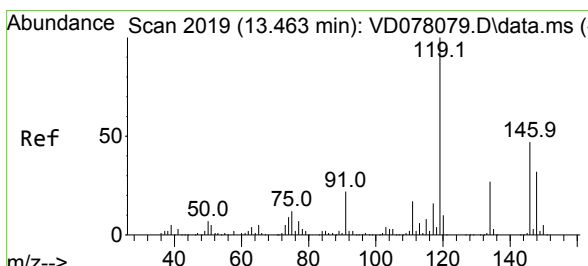
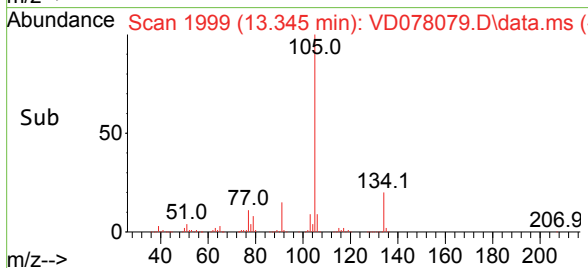
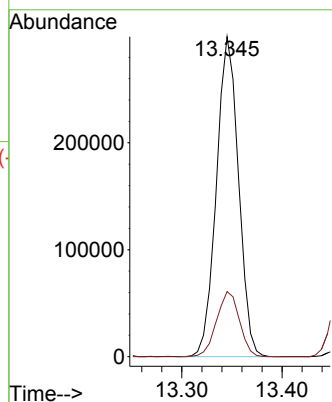
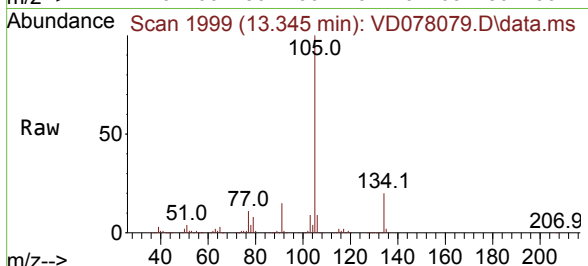




#85
 sec-Butylbenzene
 Concen: 49.295 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

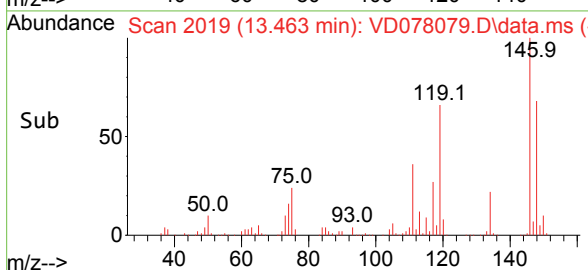
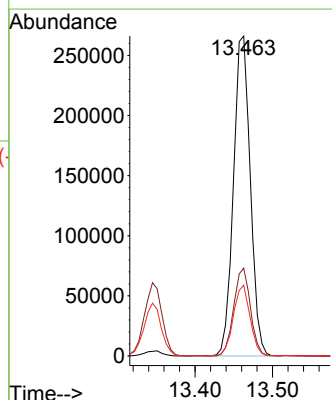
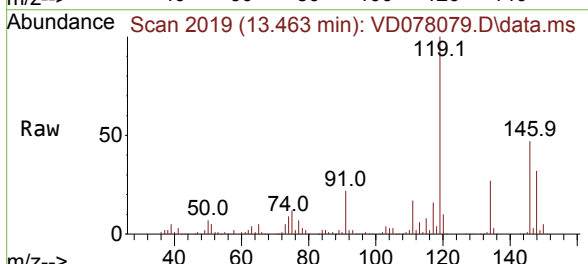
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

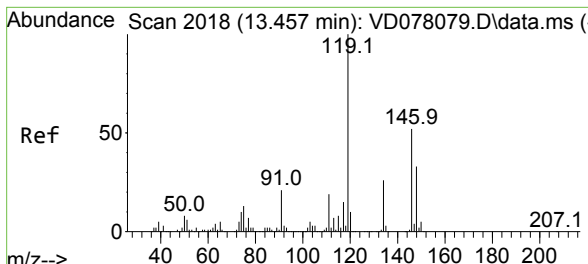
Tgt Ion:105 Resp: 457833
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 48.589 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Tgt Ion:119 Resp: 403853
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.059 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

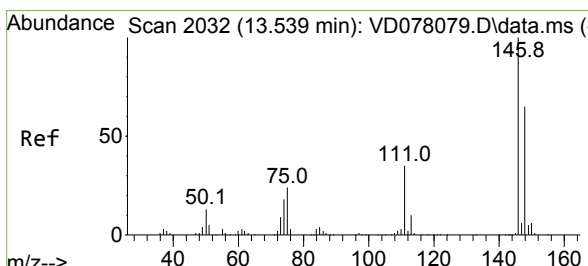
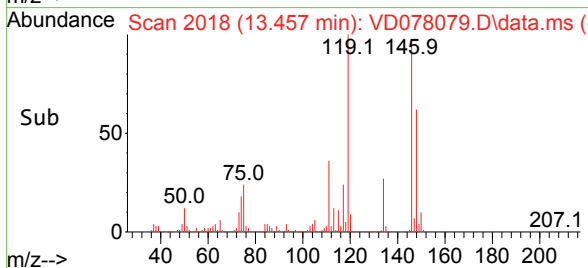
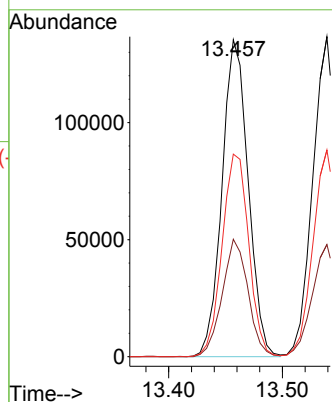
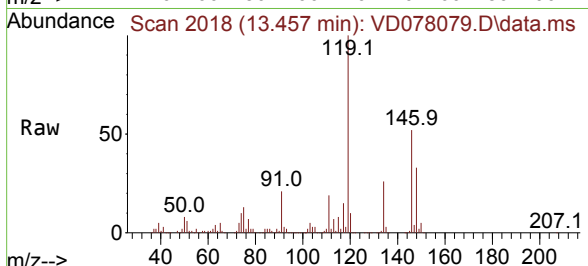
Tgt Ion:146 Resp: 216804

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.8

148 65.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 49.193 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

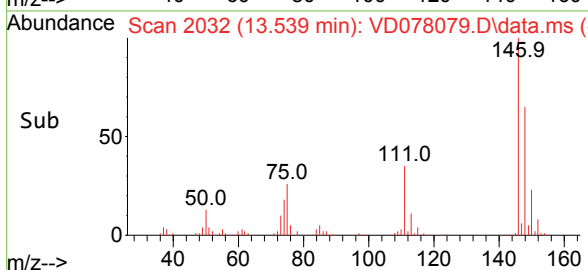
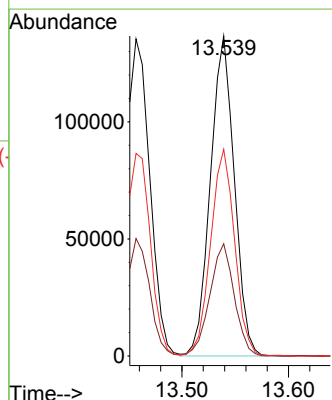
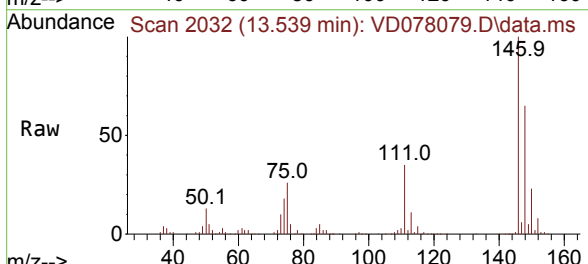
Tgt Ion:146 Resp: 213217

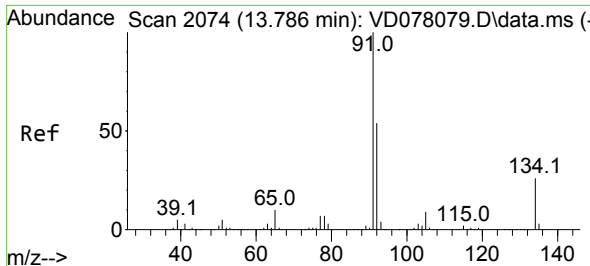
Ion Ratio Lower Upper

146 100

111 35.9 17.4 52.3

148 64.9 31.7 95.1

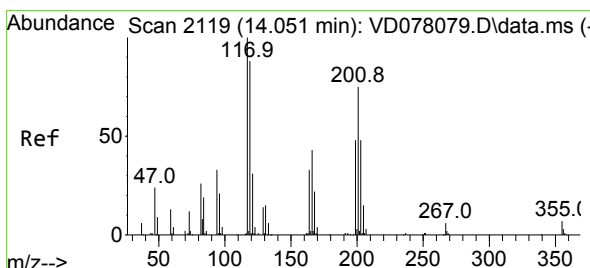
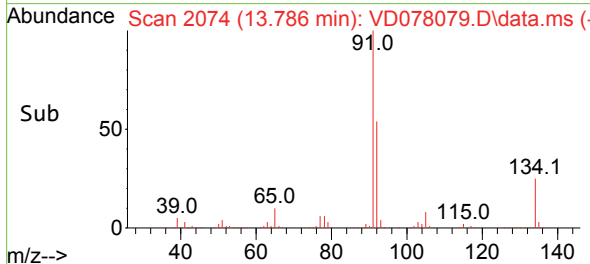
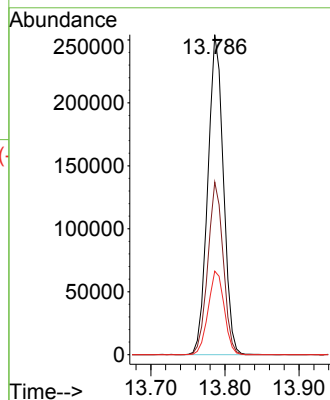
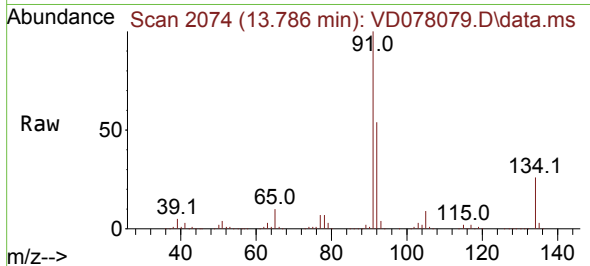




#89
n-Butylbenzene
Concen: 48.616 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

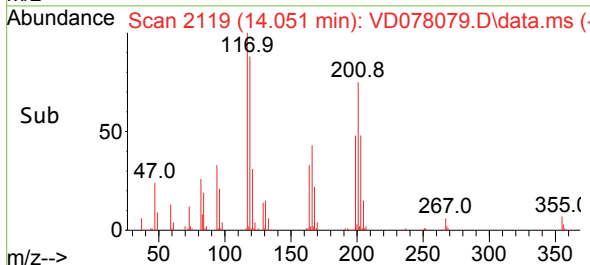
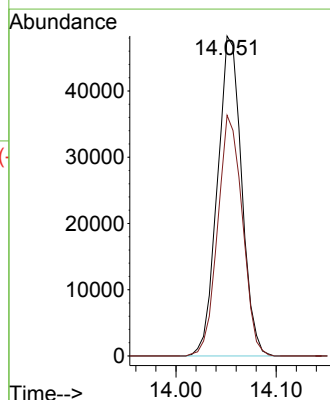
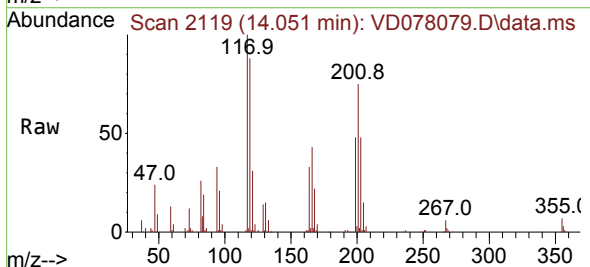
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

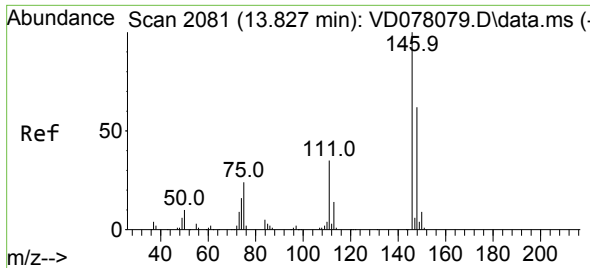
Tgt Ion: 91 Resp: 370894
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 26.9 13.8 41.3



#90
Hexachloroethane
Concen: 48.547 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 117 Resp: 80668
Ion Ratio Lower Upper
117 100
201 76.7 38.5 115.5

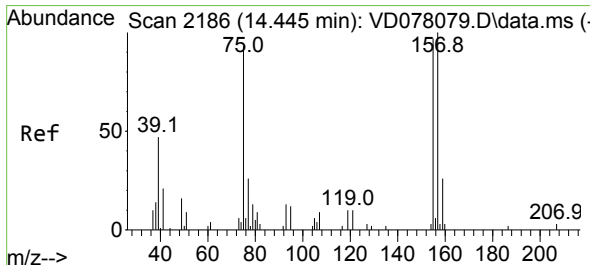
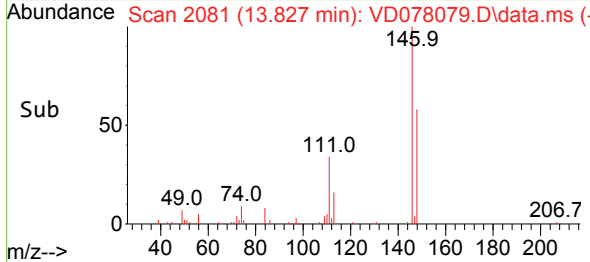
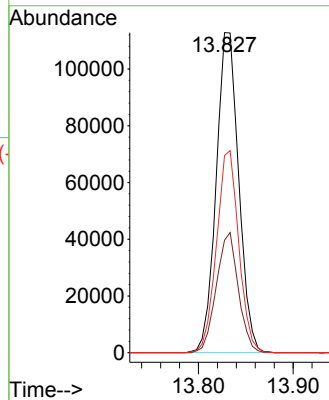
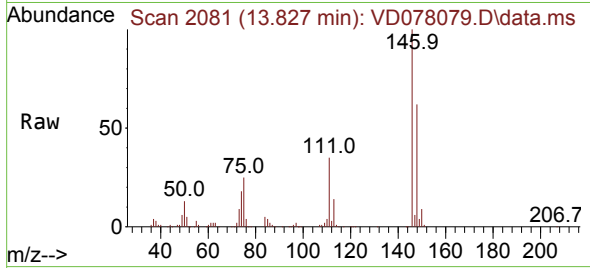




#91
1,2-Dichlorobenzene
Concen: 49.137 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

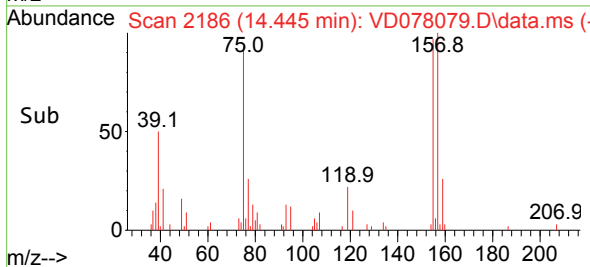
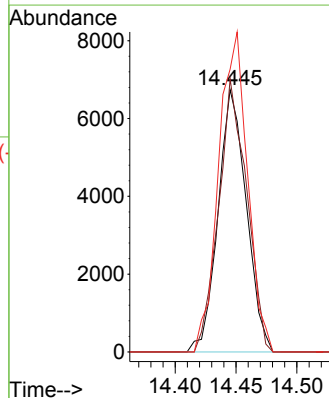
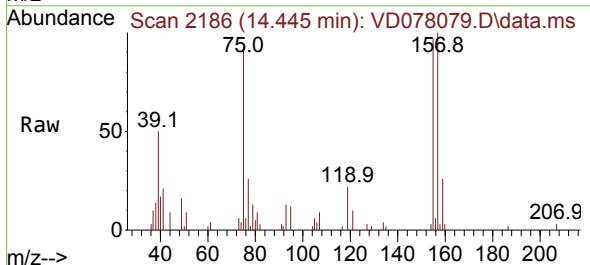
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

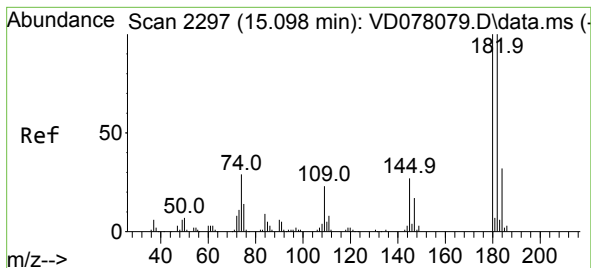
Tgt Ion:146 Resp: 186488
Ion Ratio Lower Upper
146 100
111 36.7 18.3 54.8
148 62.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.726 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078079.D
Acq: 26 Dec 2023 12:57

Tgt Ion: 75 Resp: 10890
Ion Ratio Lower Upper
75 100
155 103.6 47.9 143.8
157 124.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.452 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

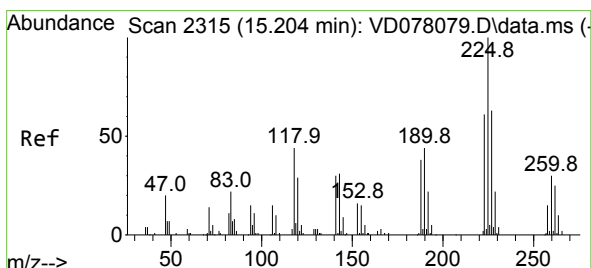
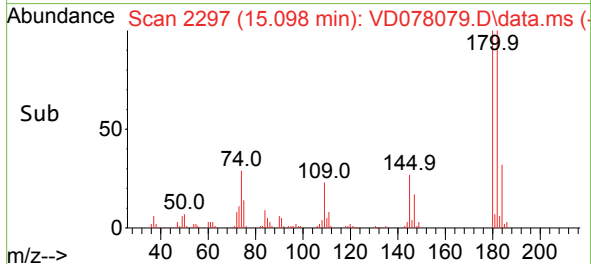
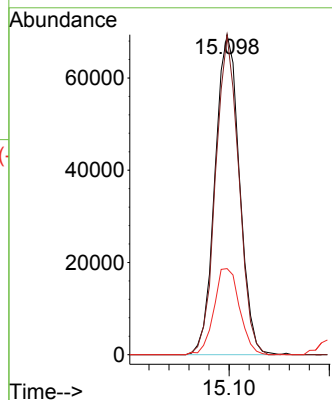
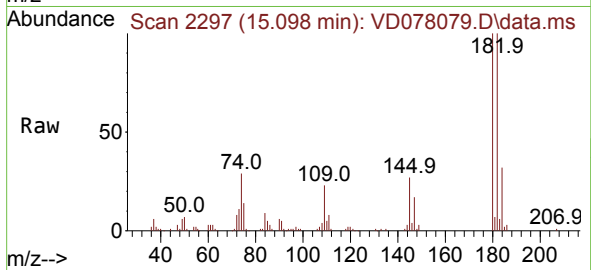
Tgt Ion:180 Resp: 117580

Ion Ratio Lower Upper

180 100

182 94.6 48.5 145.6

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.350 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078079.D

Acq: 26 Dec 2023 12:57

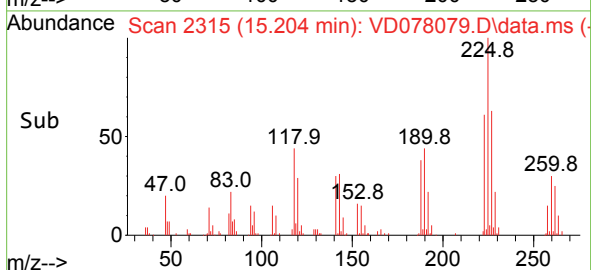
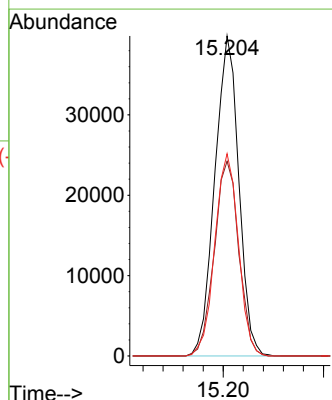
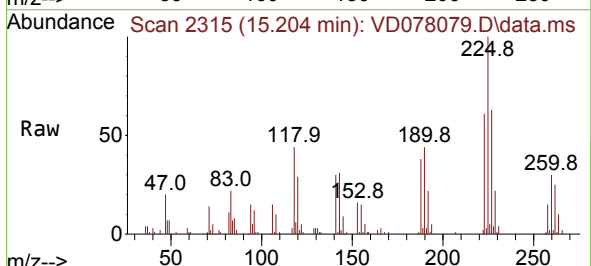
Tgt Ion:225 Resp: 65919

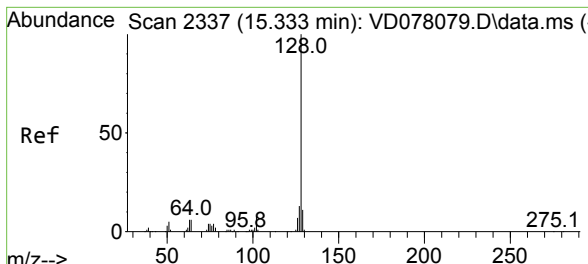
Ion Ratio Lower Upper

225 100

223 62.1 31.6 94.8

227 62.1 31.7 95.1

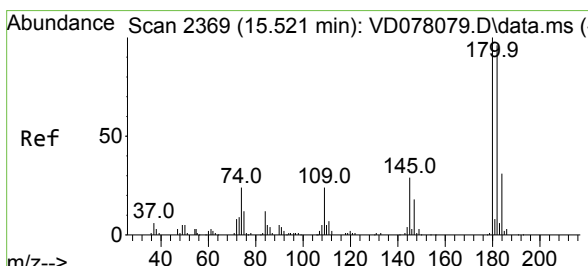
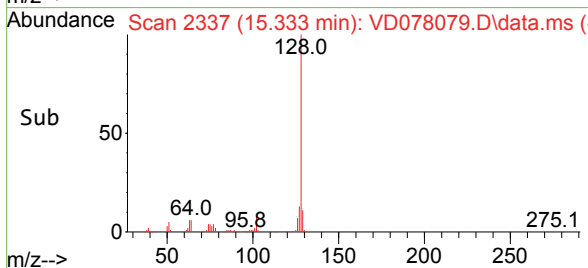
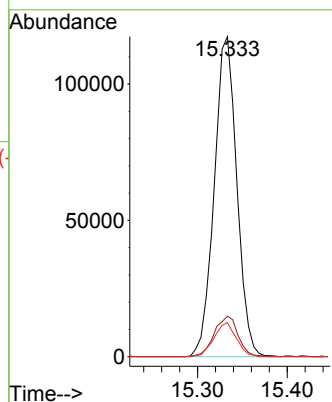
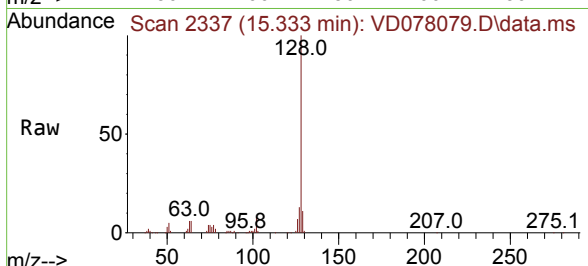




#95
 Naphthalene
 Concen: 48.613 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	128	Resp:	205070
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.7	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 48.229 ug/l
 RT: 15.521 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078079.D
 Acq: 26 Dec 2023 12:57

Tgt Ion:	180	Resp:	101402
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.3	141.9
145	29.8	15.1	45.3

