

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078077.D
 Acq On : 26 Dec 2023 12:04
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 27 02:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:18:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	150333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	250417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14580	10.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.800%#
35) Dibromofluoromethane	7.810	113	17512	10.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.740%#
50) Toluene-d8	10.275	98	58024	10.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.460%#
62) 4-Bromofluorobenzene	12.575	95	18858	10.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14780	11.471	ug/l	100
3) Chloromethane	2.152	50	20812	11.713	ug/l	98
4) Vinyl Chloride	2.287	62	29958	11.186	ug/l	99
5) Bromomethane	2.699	94	23498	10.943	ug/l	96
6) Chloroethane	2.846	64	21932	11.144	ug/l	96
7) Trichlorofluoromethane	3.181	101	29057	11.272	ug/l	86
8) Diethyl Ether	3.593	74	6947	9.828	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.975	101	17532	10.919	ug/l	98
10) Methyl Iodide	4.175	142	13633	9.036	ug/l #	90
11) Tert butyl alcohol	5.028	59	1297	16.873	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	15384	10.829	ug/l	91
13) Acrolein	3.805	56	4495	63.804	ug/l	91
14) Allyl chloride	4.575	41	17640	10.273	ug/l #	84
15) Acrylonitrile	5.252	53	15799	53.430	ug/l	96
16) Acetone	4.022	43	22091	59.592	ug/l #	81
17) Carbon Disulfide	4.275	76	36131	10.293	ug/l	99
18) Methyl Acetate	4.564	43	11099	10.124	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	32843	10.445	ug/l	94
20) Methylene Chloride	4.811	84	23038	11.611	ug/l #	84
21) trans-1,2-Dichloroethene	5.311	96	16722	10.240	ug/l	92
22) Diisopropyl ether	6.222	45	41116	10.720	ug/l	96
23) Vinyl Acetate	6.163	43	96057	53.819	ug/l	94
24) 1,1-Dichloroethane	6.116	63	32101	11.309	ug/l	97
25) 2-Butanone	7.087	43	24359	59.214	ug/l	88
26) 2,2-Dichloropropane	7.081	77	28162	11.043	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	20844	10.759	ug/l	93
28) Bromochloromethane	7.428	49	11066	10.897	ug/l	82
29) Tetrahydrofuran	7.452	42	11699	56.498	ug/l #	87
30) Chloroform	7.599	83	33871	11.011	ug/l	95
31) Cyclohexane	7.881	56	22998	10.778	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	27963	10.577	ug/l	99
36) 1,1-Dichloropropene	8.010	75	23887	10.536	ug/l	96
37) Ethyl Acetate	7.175	43	7657	10.155	ug/l	98
38) Carbon Tetrachloride	7.993	117	24590	10.010	ug/l	94
39) Methylcyclohexane	9.275	83	25746	9.905	ug/l	99
40) Benzene	8.257	78	68030	10.411	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3145	6.586	ug/l #	27
42) 1,2-Dichloroethane	8.328	62	18536	10.497	ug/l	96
43) Isopropyl Acetate	8.363	43	15680	10.387	ug/l	97
44) Trichloroethene	9.028	130	19794	10.529	ug/l	95
45) 1,2-Dichloropropane	9.310	63	17164	10.366	ug/l	98
46) Dibromomethane	9.393	93	9463	10.204	ug/l	94
47) Bromodichloromethane	9.587	83	25497	10.585	ug/l	97
48) Methyl methacrylate	9.381	41	8272	9.723	ug/l #	82
49) 1,4-Dioxane	9.381	88	1626	185.475	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	39138	50.527	ug/l	92
52) Toluene	10.334	92	42584	10.048	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	21846	9.996	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	26633	10.147	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	12892	9.879	ug/l #	88
56) Ethyl methacrylate	10.604	69	9728	9.393	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	22544	10.514	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	21836	48.700	ug/l	99
59) 2-Hexanone	10.922	43	33053	54.935	ug/l	94
60) Dibromochloromethane	11.075	129	16994	10.222	ug/l	97
61) 1,2-Dibromoethane	11.175	107	13178	10.533	ug/l	95
64) Tetrachloroethene	10.810	164	15370	10.277	ug/l	92
65) Chlorobenzene	11.610	112	48762	10.370	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.681	131	18270	10.266	ug/l	95
67) Ethyl Benzene	11.681	91	81640	9.959	ug/l	95
68) m/p-Xylenes	11.793	106	62849	19.700	ug/l	94
69) o-Xylene	12.122	106	28655	9.637	ug/l	89
70) Styrene	12.134	104	42024	9.572	ug/l	93
71) Bromoform	12.304	173	10465	10.658	ug/l #	97
73) Isopropylbenzene	12.422	105	74590	9.838	ug/l	97
74) N-amyl acetate	12.234	43	13332	10.593	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	15308	11.110	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	17875	20.101	ug/l #	100
77) Bromobenzene	12.704	156	18471	10.015	ug/l	94
78) n-propylbenzene	12.763	91	94321	10.336	ug/l	99
79) 2-Chlorotoluene	12.851	91	51607	10.455	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	64335	10.260	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	4441	10.304	ug/l	95
82) 4-Chlorotoluene	12.945	91	56129	10.606	ug/l	95
83) tert-Butylbenzene	13.163	119	55614	9.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	63902	10.005	ug/l	98
85) sec-Butylbenzene	13.345	105	81327	10.141	ug/l	97
86) p-Isopropyltoluene	13.457	119	69749	9.718	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	38265	10.028	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	38436	10.270	ug/l	95
89) n-Butylbenzene	13.787	91	68435	10.388	ug/l	97
90) Hexachloroethane	14.057	117	14898	10.383	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	33922	10.351	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2169	11.239	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	21440	10.020	ug/l	96
94) Hexachlorobutadiene	15.204	225	11943	9.935	ug/l	93
95) Naphthalene	15.334	128	33743	9.264	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	17641	9.717	ug/l	98

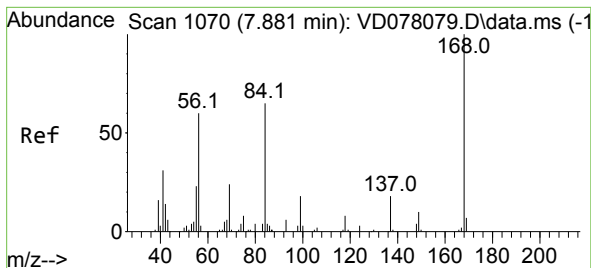
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 02:18:41 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

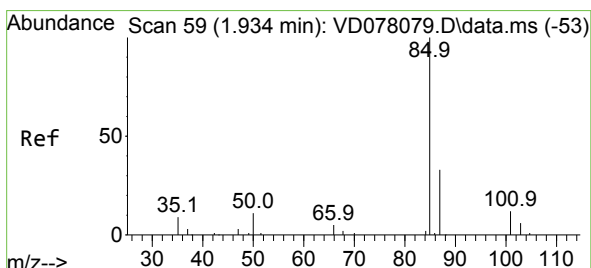
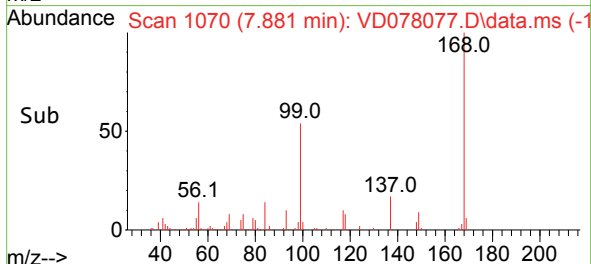
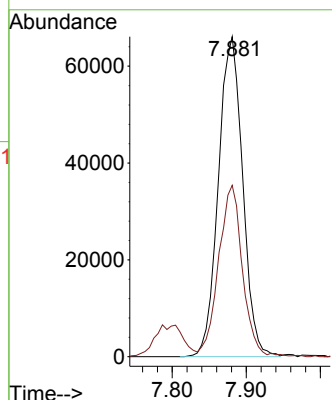
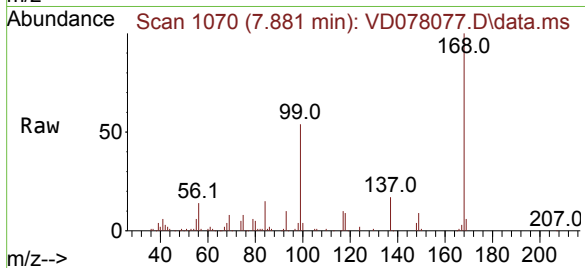
VSTDIC010

Tgt Ion:168 Resp: 150333

Ion Ratio Lower Upper

168 100

99 52.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 11.471 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078077.D

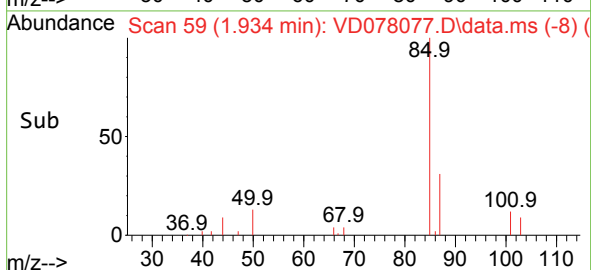
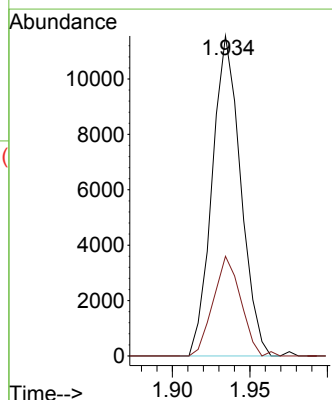
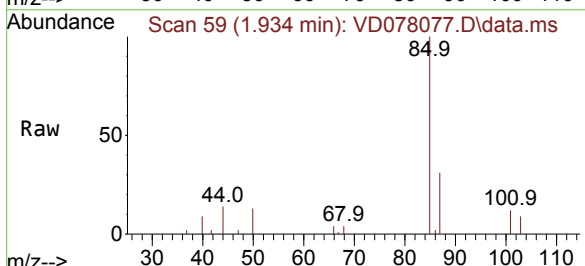
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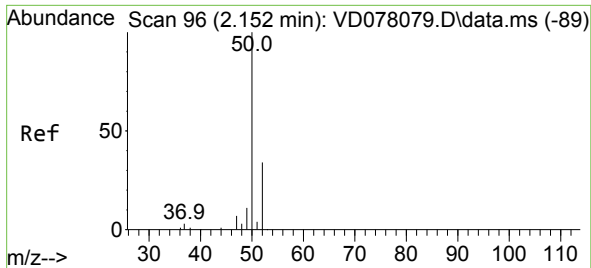
Tgt Ion: 85 Resp: 14780

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0

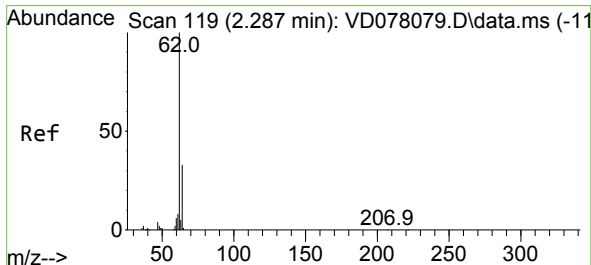
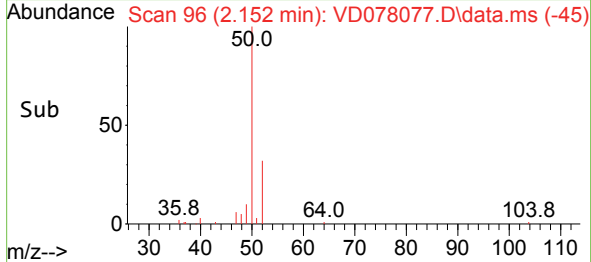
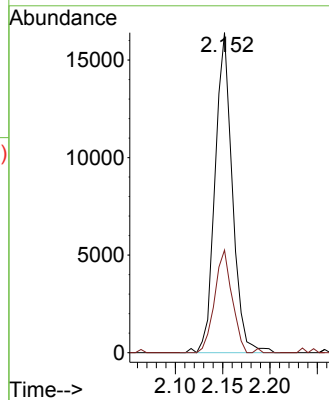
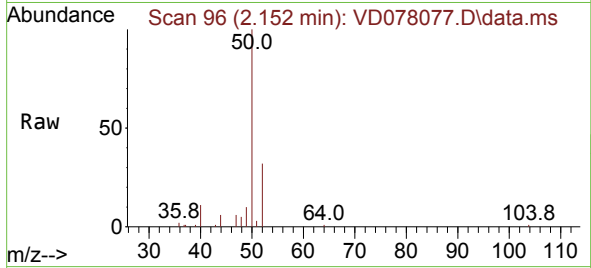




#3
Chloromethane
Concen: 11.713 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

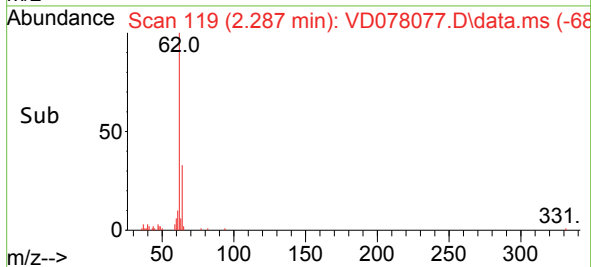
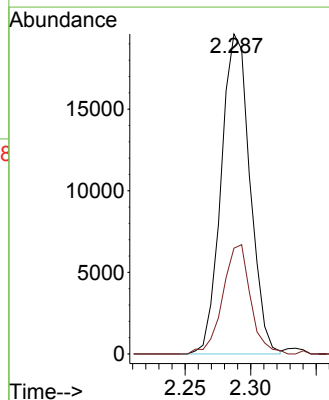
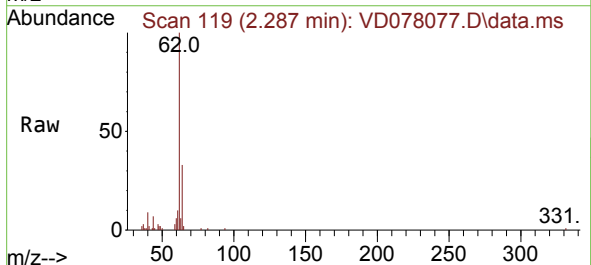
Instrument :
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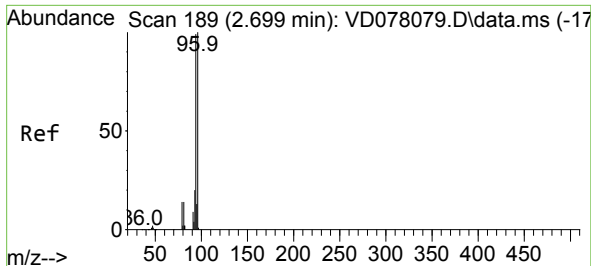
Tgt Ion: 50 Resp: 20812
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 11.186 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 62 Resp: 29958
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0

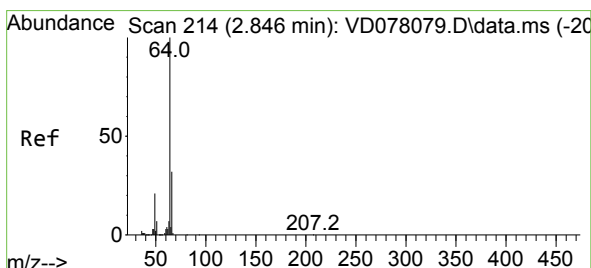
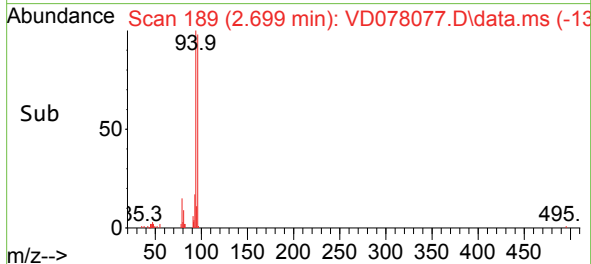
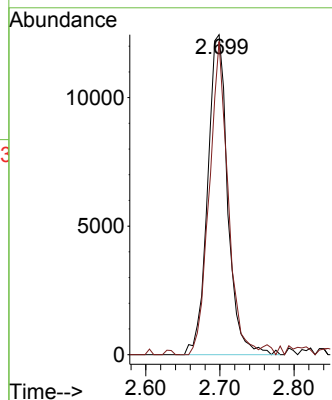
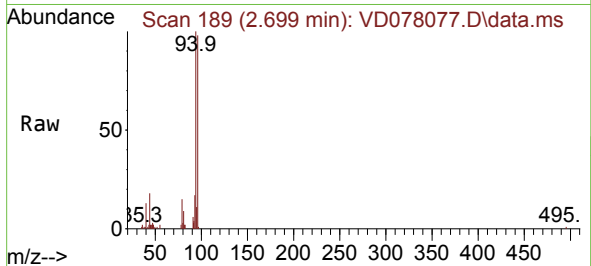




#5
Bromomethane
Concen: 10.943 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

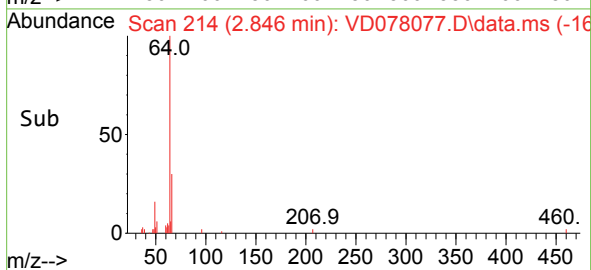
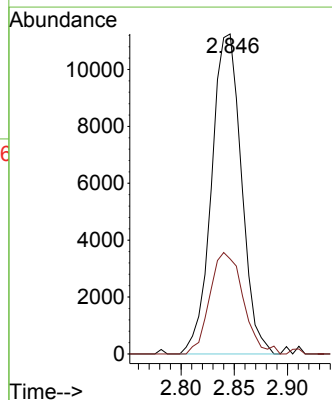
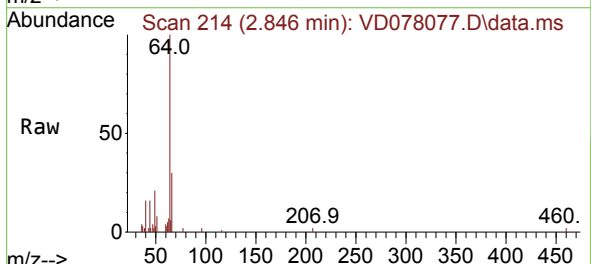
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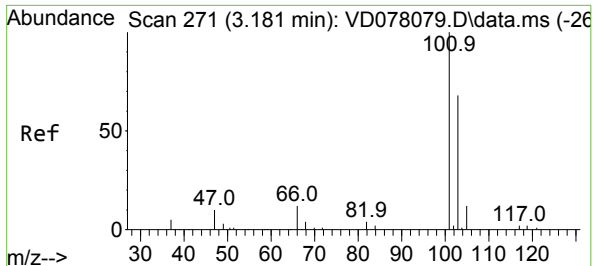
Tgt Ion: 94 Resp: 23498
Ion Ratio Lower Upper
94 100
96 91.1 75.8 113.8



#6
Chloroethane
Concen: 11.144 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 64 Resp: 21932
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3

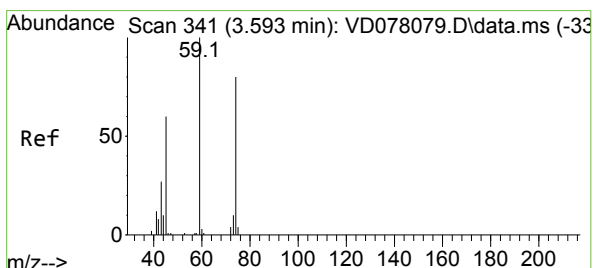
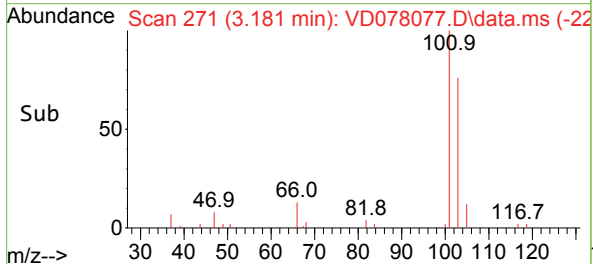
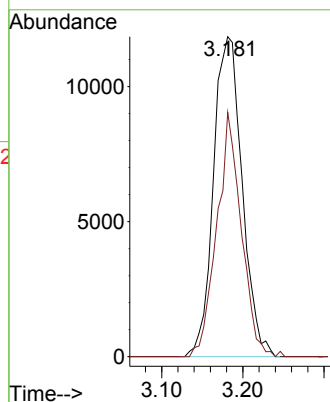
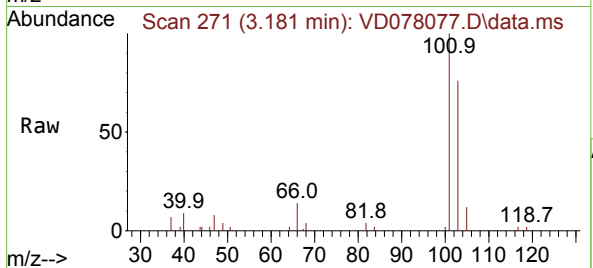




#7
Trichlorofluoromethane
Concen: 11.272 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

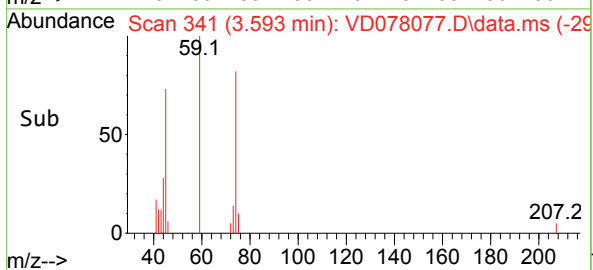
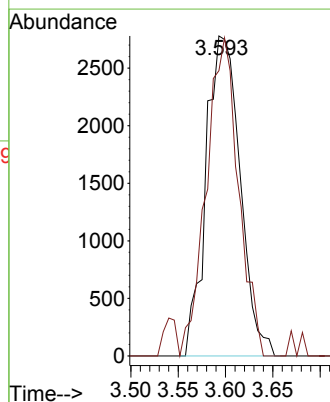
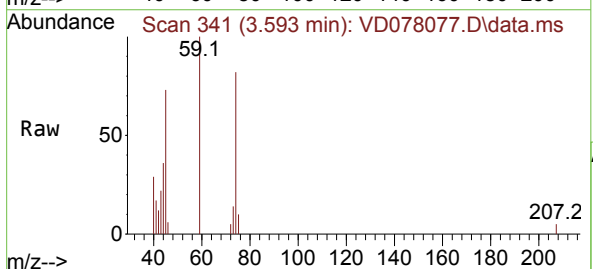
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VSTDIC010

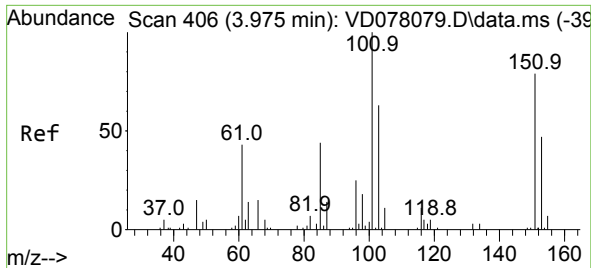
Tgt Ion:101 Resp: 29057
Ion Ratio Lower Upper
101 100
103 76.4 52.3 78.5



#8
Diethyl Ether
Concen: 9.828 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 74 Resp: 6947
Ion Ratio Lower Upper
74 100
45 94.2 37.5 112.7

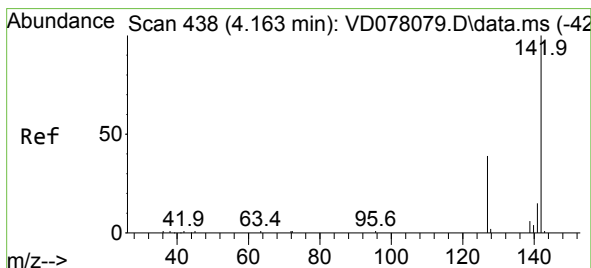
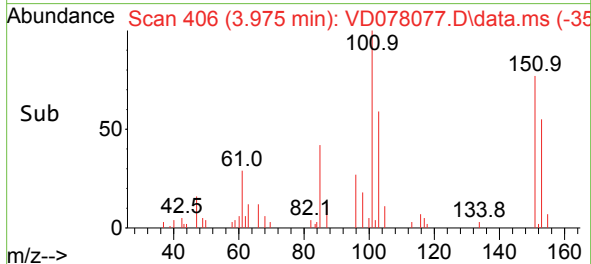
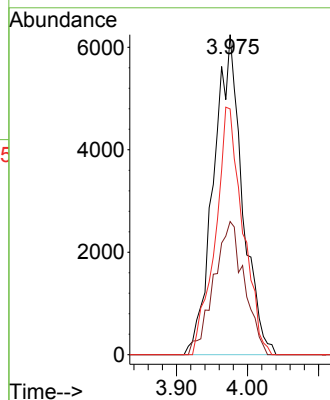
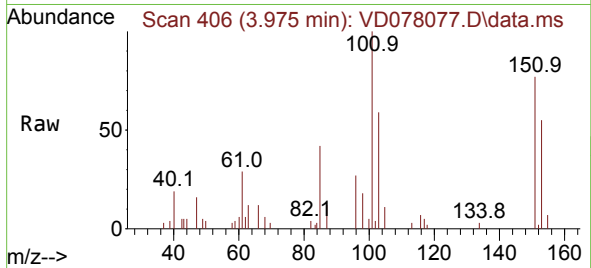




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.919 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078077.D
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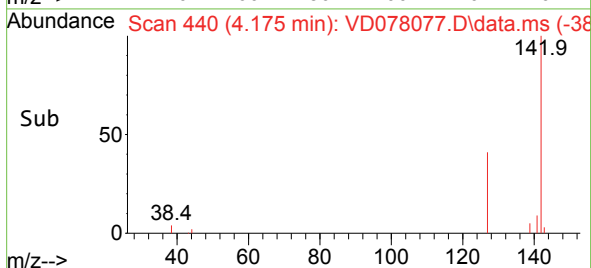
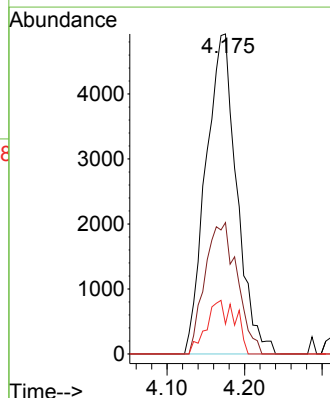
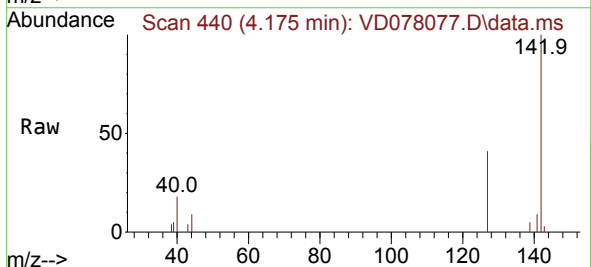
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

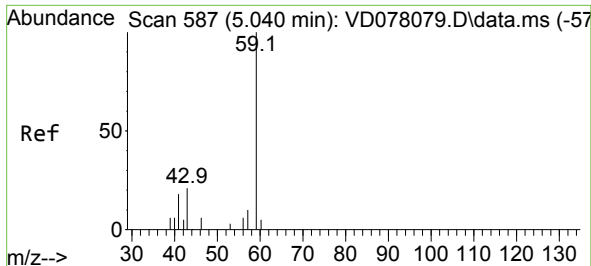
Tgt Ion:101 Resp: 17532
Ion Ratio Lower Upper
101 100
85 44.1 33.8 50.6
151 74.0 59.8 89.6



#10
Methyl Iodide
Concen: 9.036 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.012 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:142 Resp: 13633
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 10.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 16.873 ug/l

RT: 5.028 min Scan# 5

Delta R.T. -0.012 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

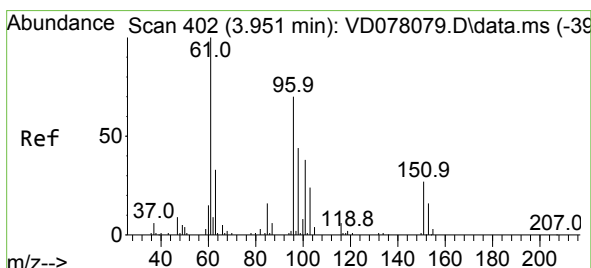
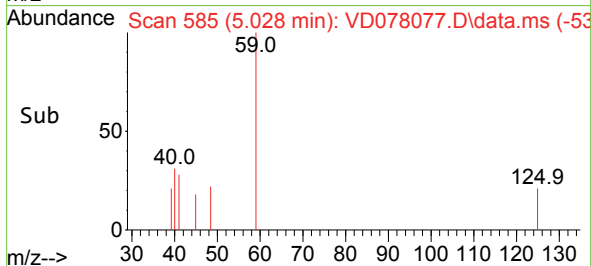
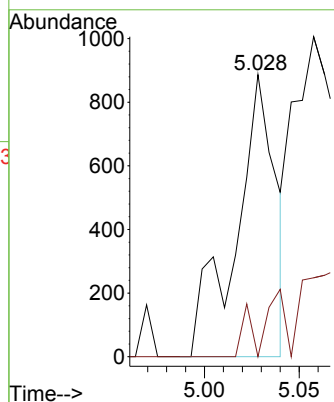
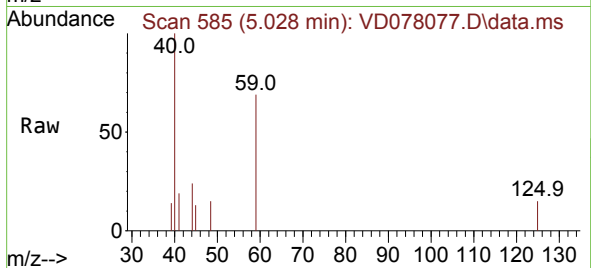
VSTDICC010

Tgt Ion: 59 Resp: 1297

Ion Ratio Lower Upper

59 100

57 14.5 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 10.829 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

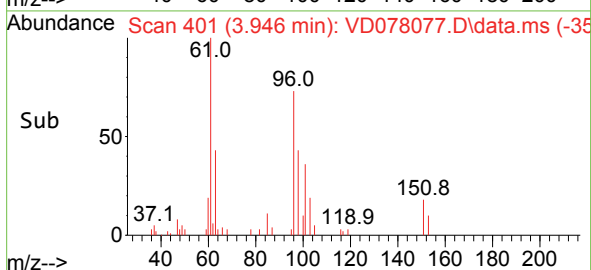
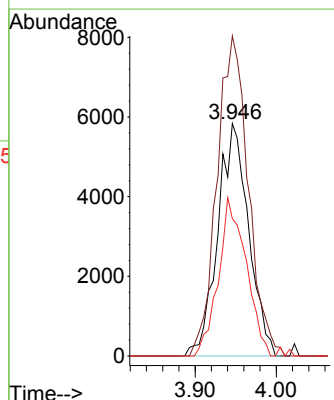
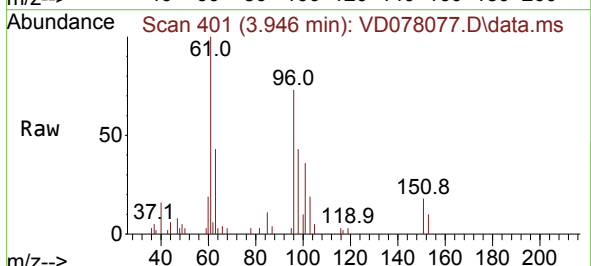
Tgt Ion: 96 Resp: 15384

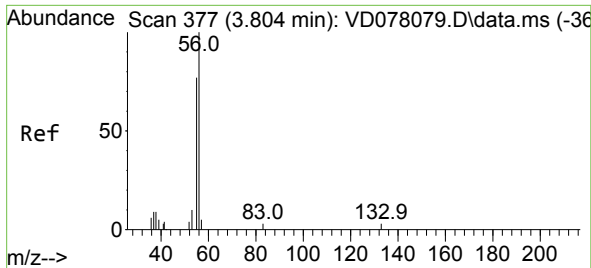
Ion Ratio Lower Upper

96 100

61 137.7 100.6 150.8

98 59.0 50.2 75.2





#13

Acrolein

Concen: 63.804 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.001 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

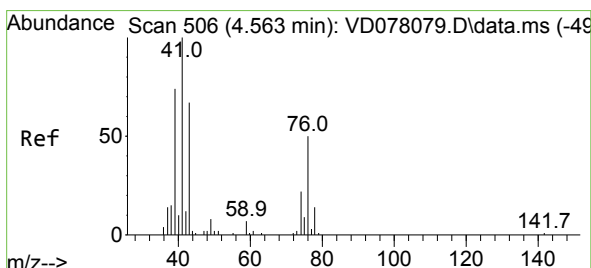
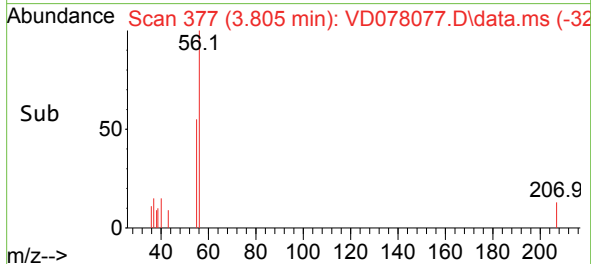
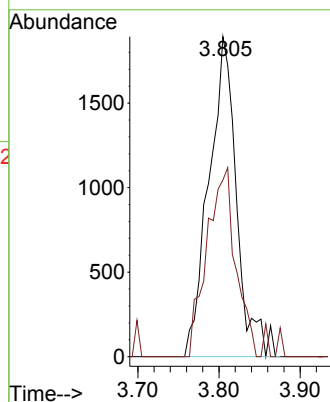
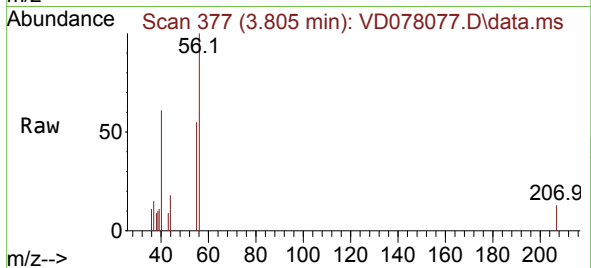
VSTDICC010

Tgt Ion: 56 Resp: 4495

Ion Ratio Lower Upper

56 100

55 61.4 55.1 82.7



#14

Allyl chloride

Concen: 10.273 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.012 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

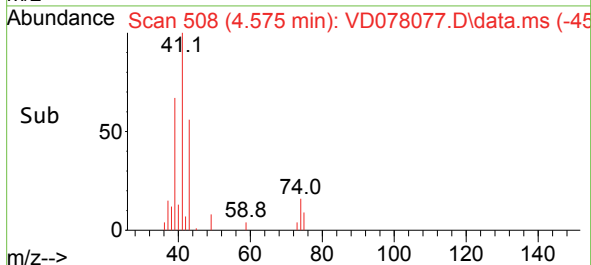
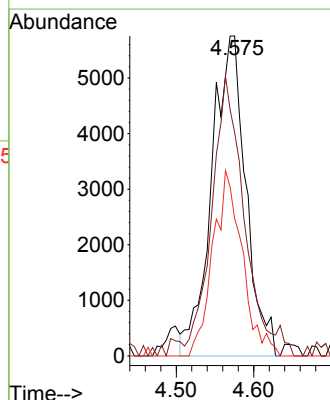
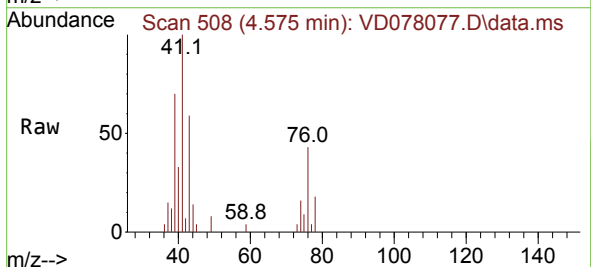
Tgt Ion: 41 Resp: 17640

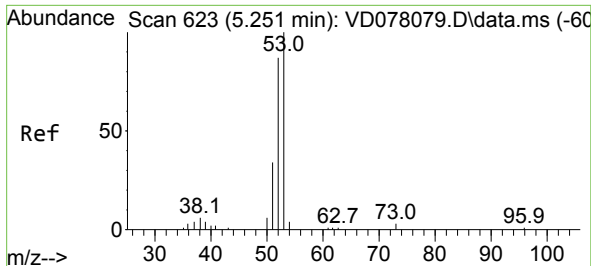
Ion Ratio Lower Upper

41 100

39 83.5 53.8 80.6#

76 49.9 45.8 68.8

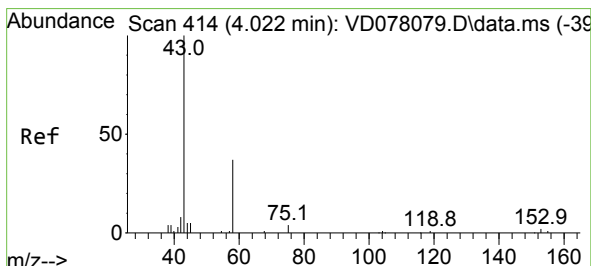
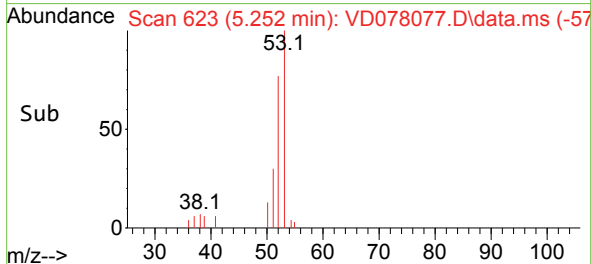
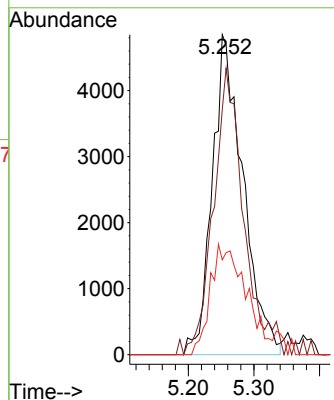
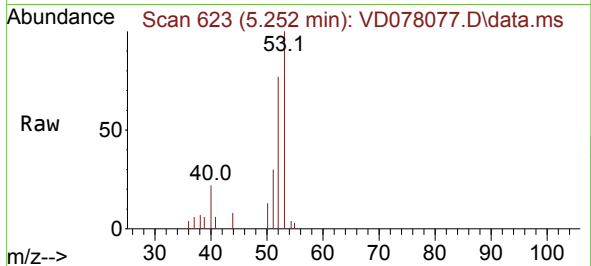




#15
Acrylonitrile
Concen: 53.430 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

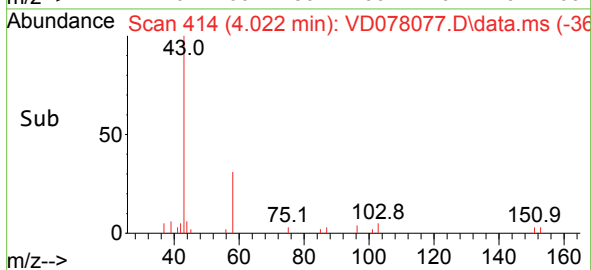
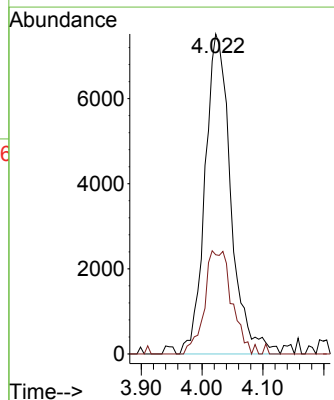
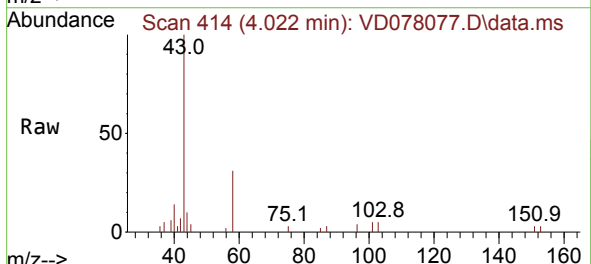
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

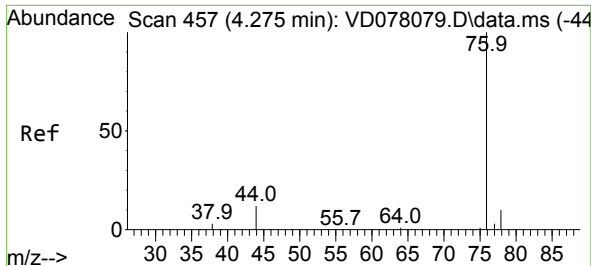
Tgt Ion:	53	Resp:	15799
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.0	97.4
51	39.9	28.3	42.5



#16
Acetone
Concen: 59.592 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:	43	Resp:	22091
Ion	Ratio	Lower	Upper
43	100		
58	31.0	34.7	52.1#

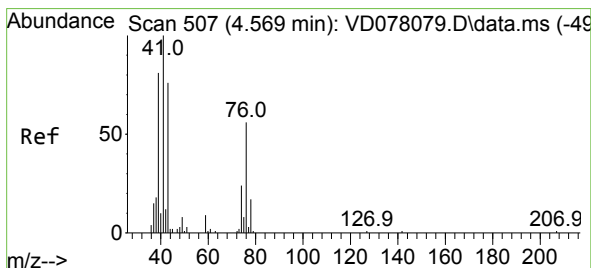
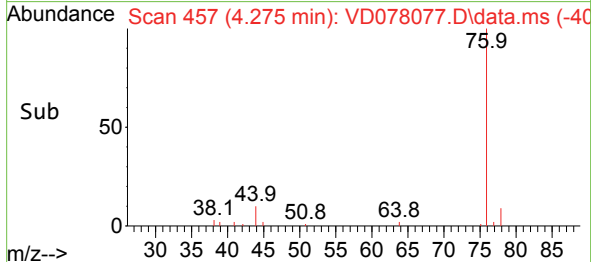
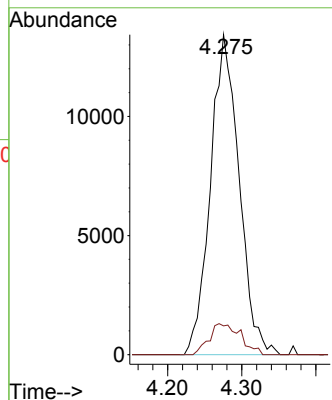
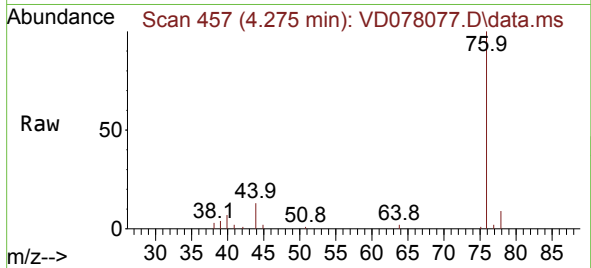




#17
Carbon Disulfide
Concen: 10.293 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

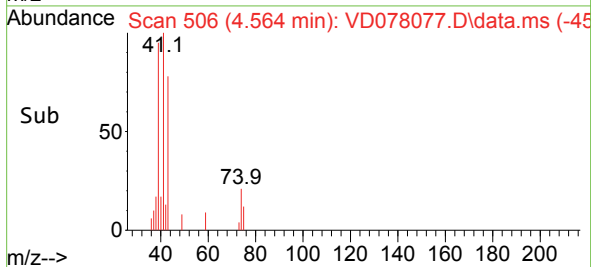
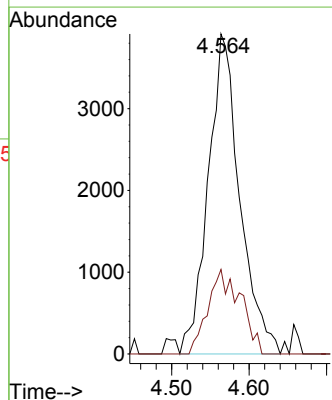
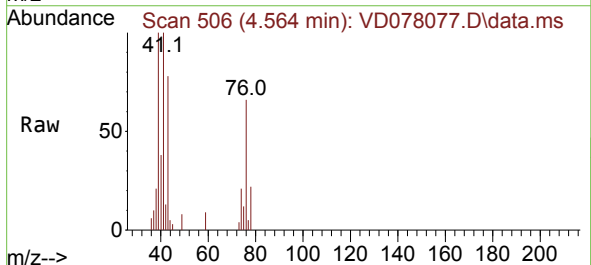
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

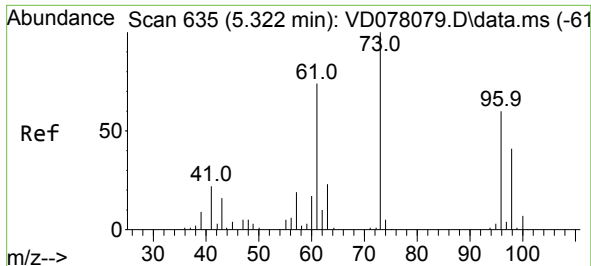
Tgt Ion: 76 Resp: 36131
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 10.124 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 43 Resp: 11099
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 10.445 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

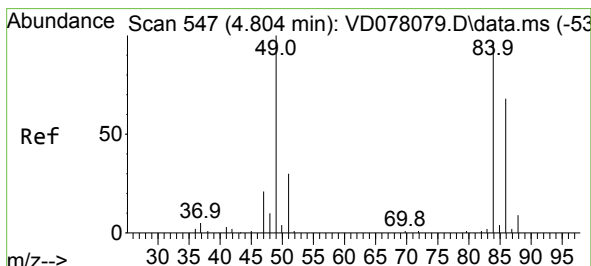
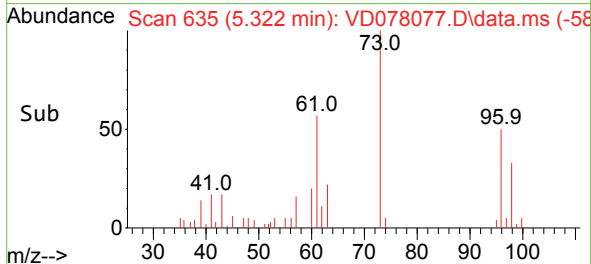
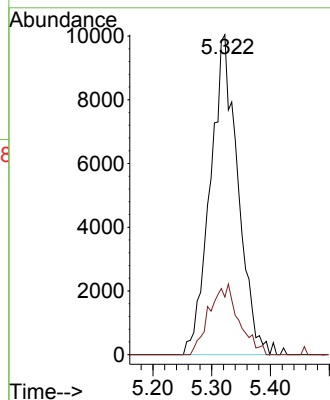
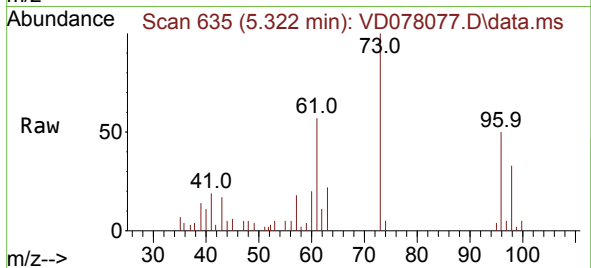
VSTDIC010

Tgt Ion: 73 Resp: 32843

Ion Ratio Lower Upper

73 100

57 18.0 16.6 25.0



#20

Methylene Chloride

Concen: 11.611 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.007 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Tgt Ion: 84 Resp: 23038

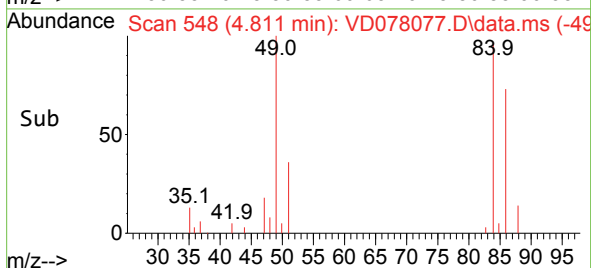
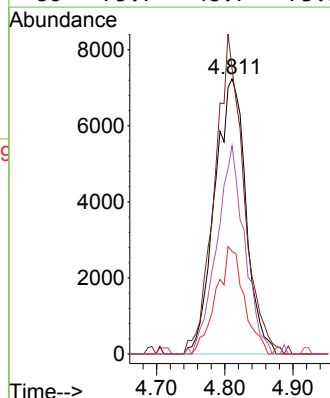
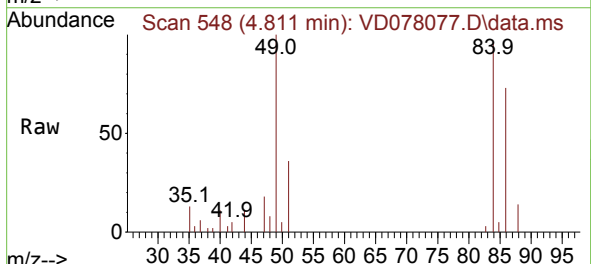
Ion Ratio Lower Upper

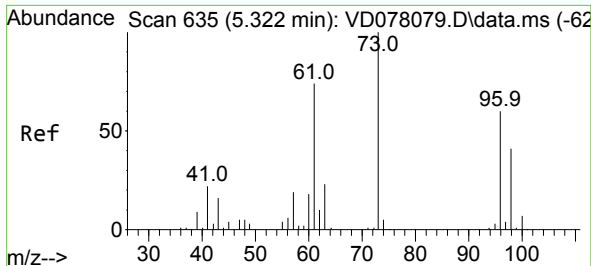
84 100

49 103.7 71.4 107.2

51 37.2 24.5 36.7#

86 75.7 48.7 73.1#

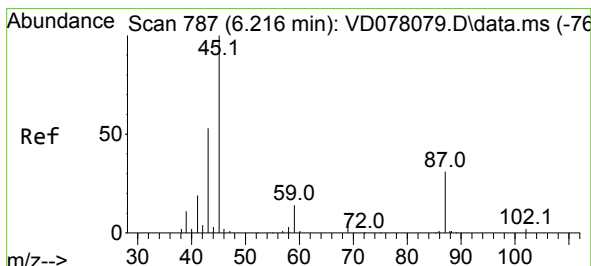
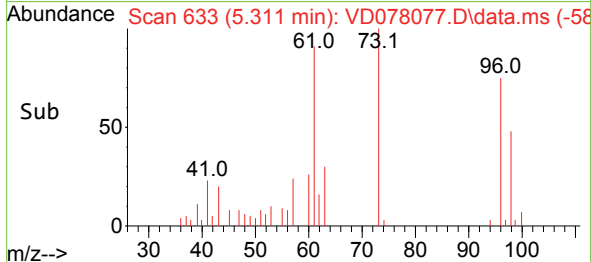
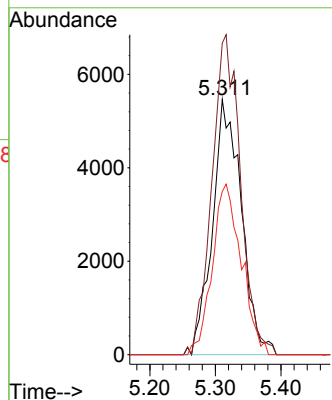
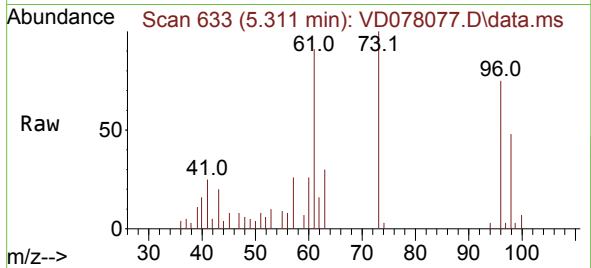




#21
trans-1,2-Dichloroethene
Concen: 10.240 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

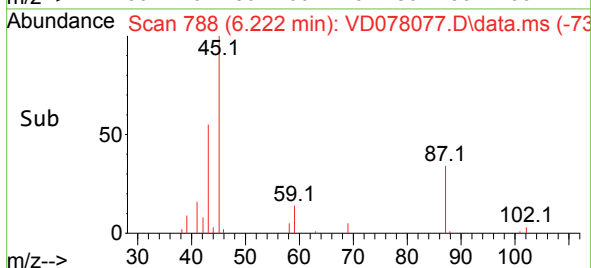
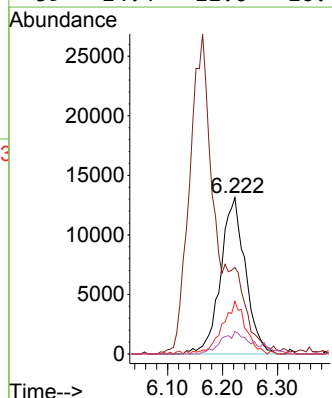
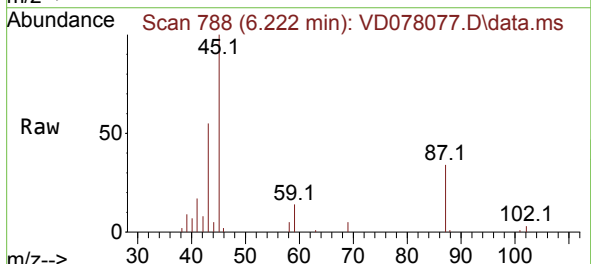
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

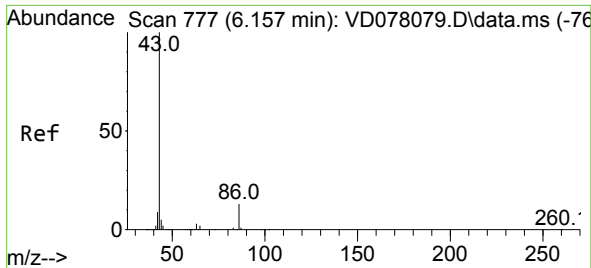
Tgt Ion: 96 Resp: 16722
Ion Ratio Lower Upper
96 100
61 122.1 89.3 133.9
98 64.0 48.6 73.0



#22
Diisopropyl ether
Concen: 10.720 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 45 Resp: 41116
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 33.7 28.2 42.4
59 14.4 11.0 16.4

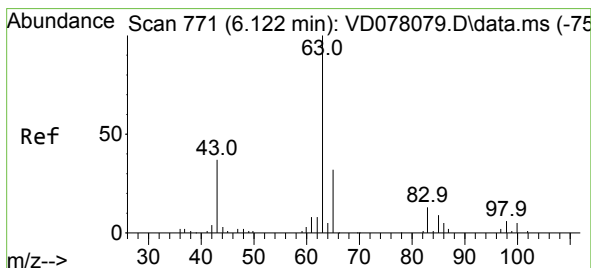
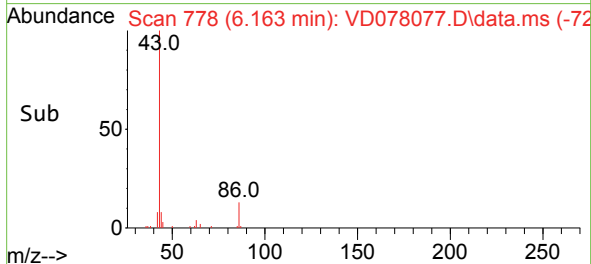
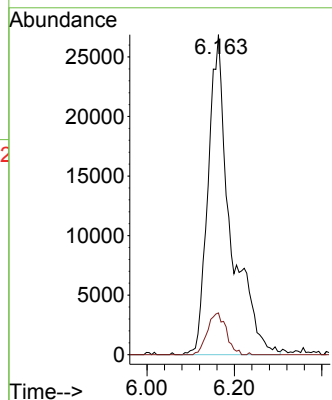
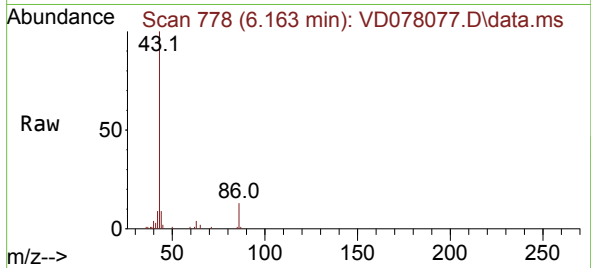




#23
 Vinyl Acetate
 Concen: 53.819 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078077.D
 Acq: 26 Dec 2023 12:04

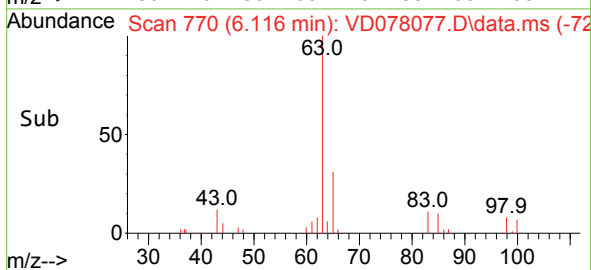
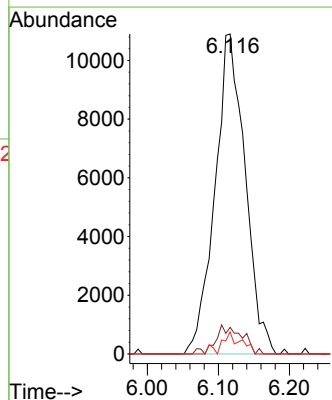
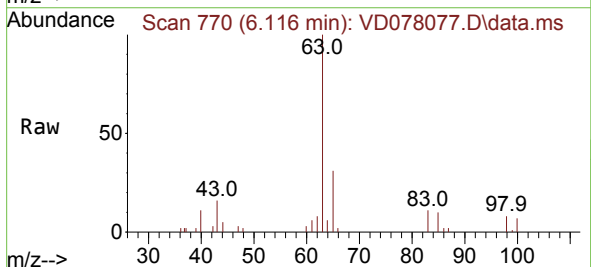
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

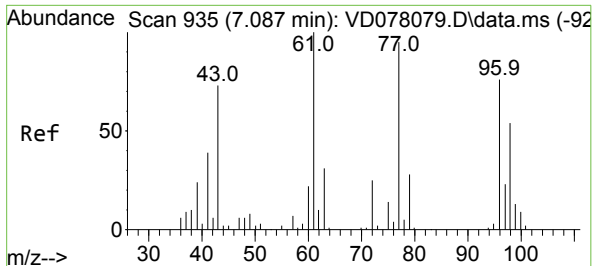
Tgt Ion: 43 Resp: 96057
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 11.309 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078077.D
 Acq: 26 Dec 2023 12:04

Tgt Ion: 63 Resp: 32101
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 6.9 2.5 7.5

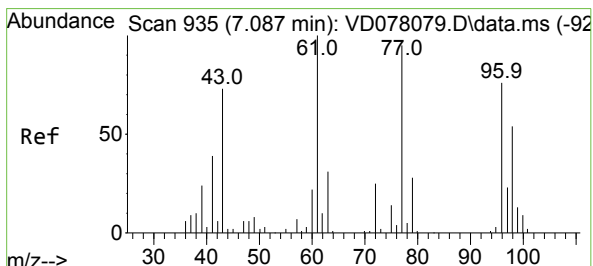
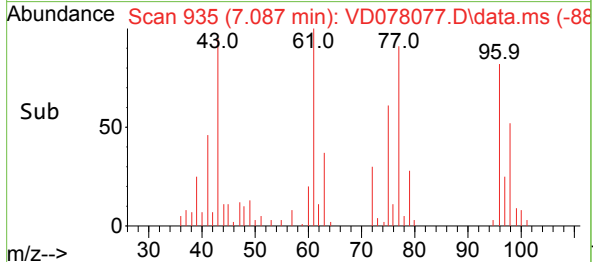
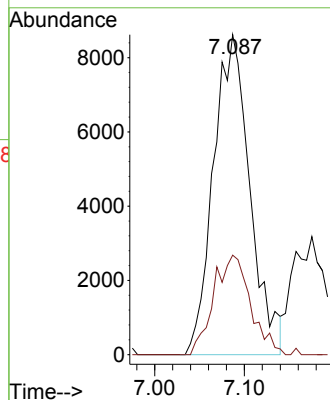
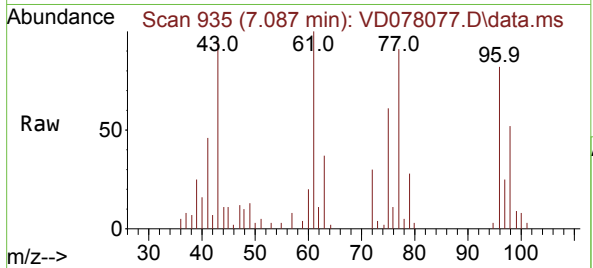




#25
2-Butanone
Concen: 59.214 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

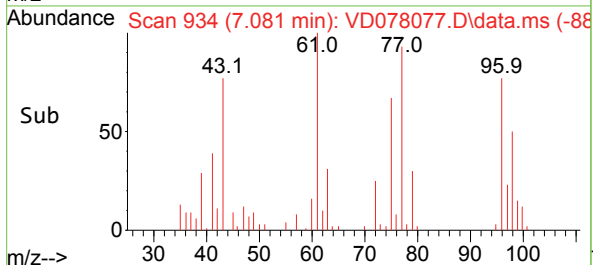
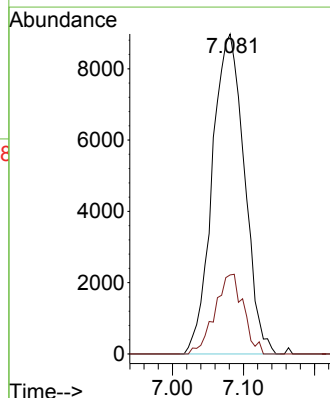
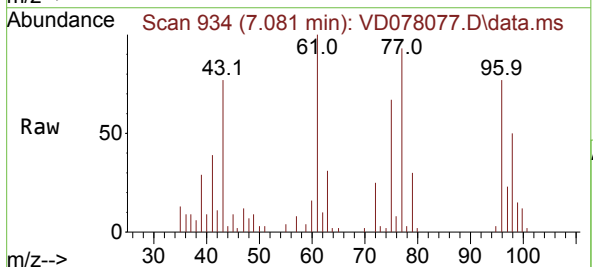
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

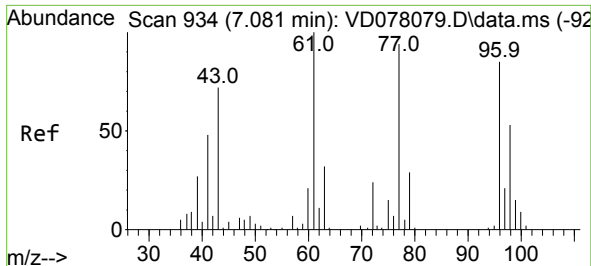
Tgt Ion: 43 Resp: 24359
Ion Ratio Lower Upper
43 100
72 31.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 11.043 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 77 Resp: 28162
Ion Ratio Lower Upper
77 100
97 22.2 13.2 39.6

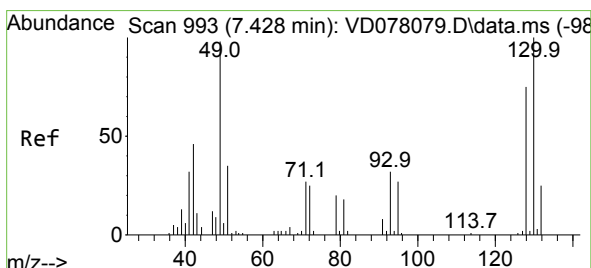
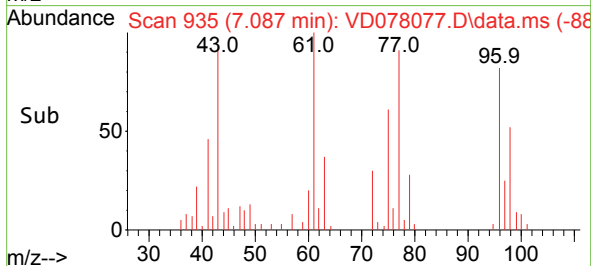
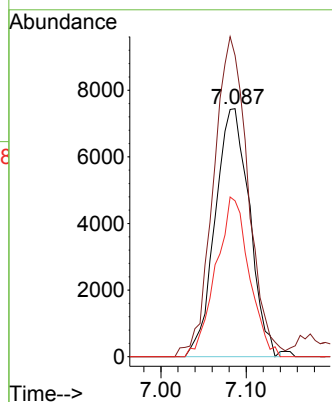
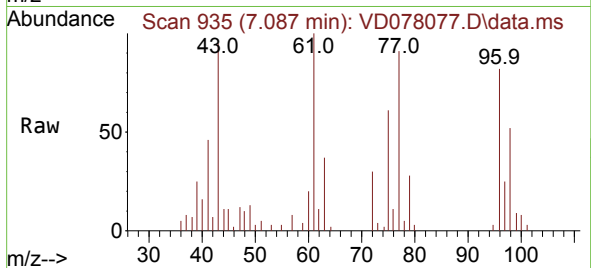




#27
cis-1,2-Dichloroethene
Concen: 10.759 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

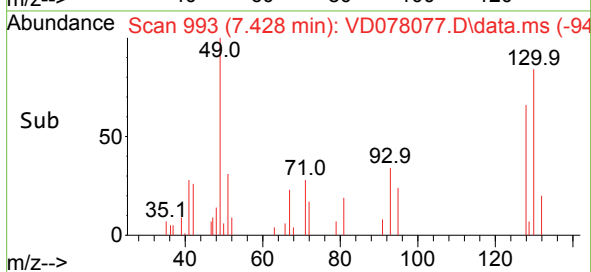
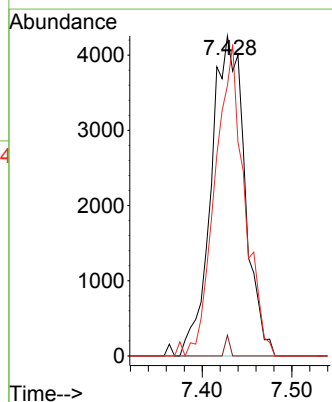
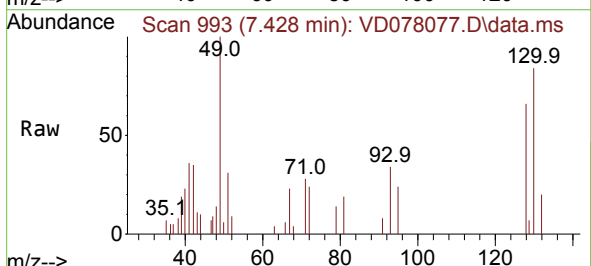
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

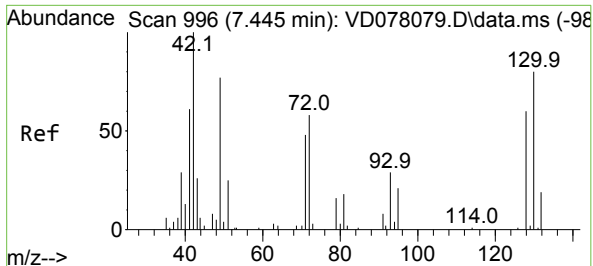
Tgt Ion: 96 Resp: 20844
Ion Ratio Lower Upper
96 100
61 130.1 0.0 239.2
98 62.4 0.0 128.6



#28
Bromochloromethane
Concen: 10.897 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 49 Resp: 11066
Ion Ratio Lower Upper
49 100
129 0.9 0.0 6.0
130 84.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 56.498 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

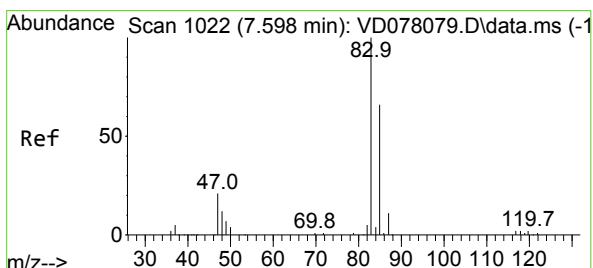
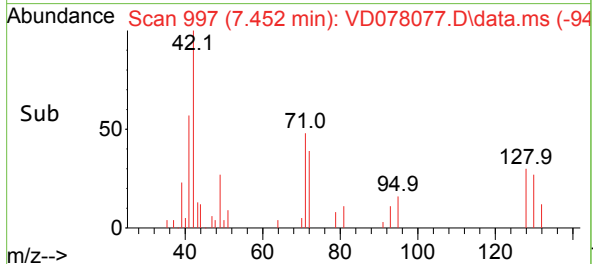
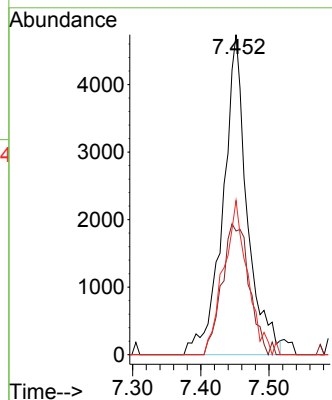
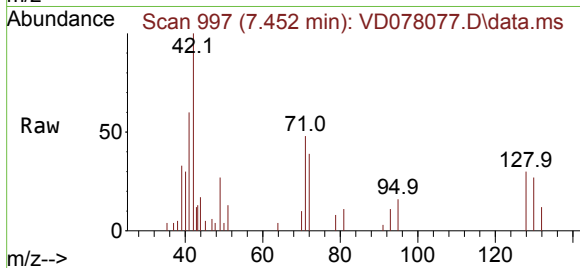
Tgt Ion: 42 Resp: 11699

Ion Ratio Lower Upper

42 100

72 45.9 46.5 69.7#

71 48.2 44.5 66.7



#30

Chloroform

Concen: 11.011 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078077.D

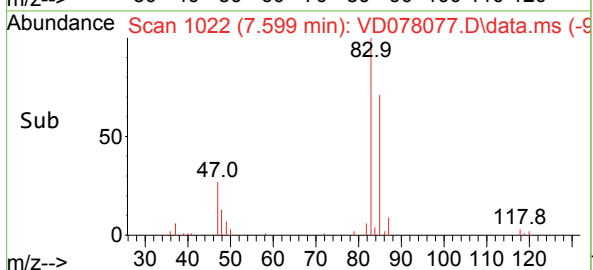
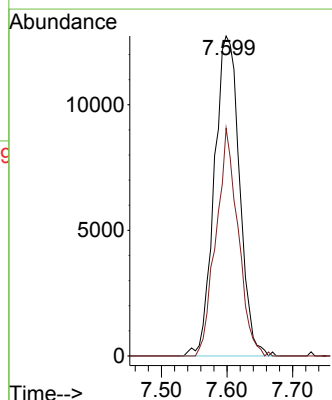
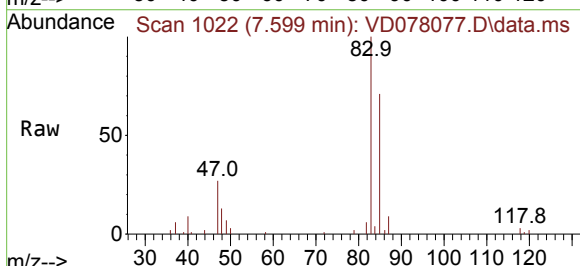
Acq: 26 Dec 2023 12:04

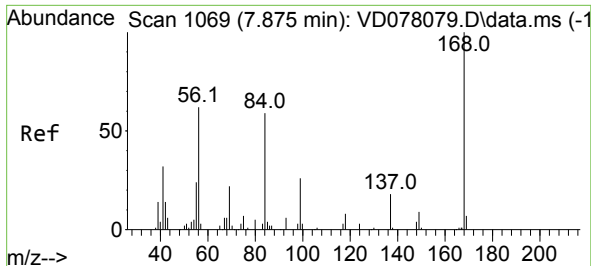
Tgt Ion: 83 Resp: 33871

Ion Ratio Lower Upper

83 100

85 71.1 53.4 80.2

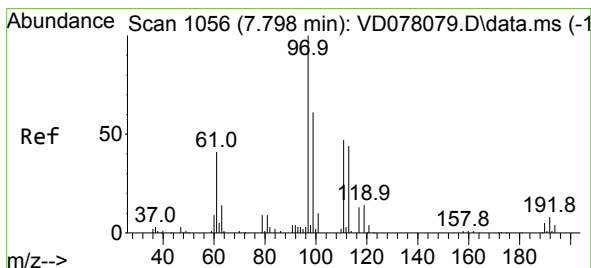
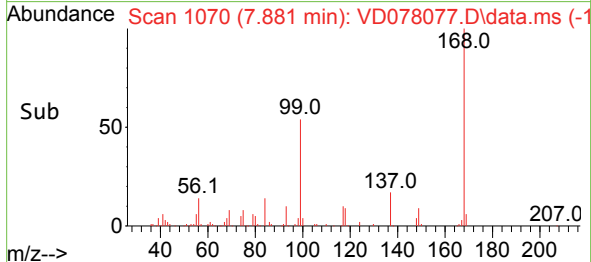
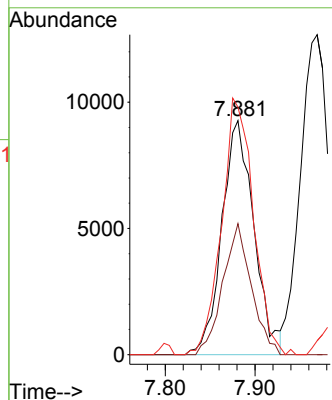
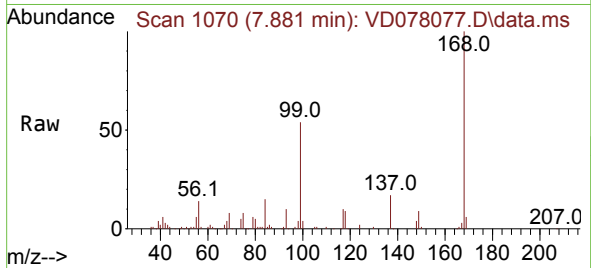




#31
Cyclohexane
Concen: 10.778 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

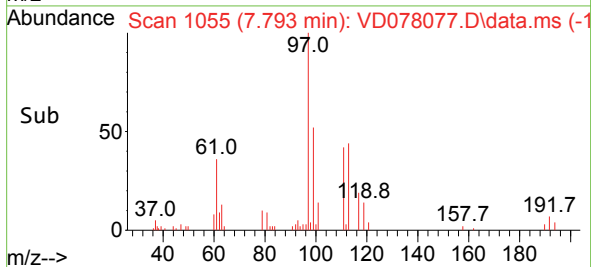
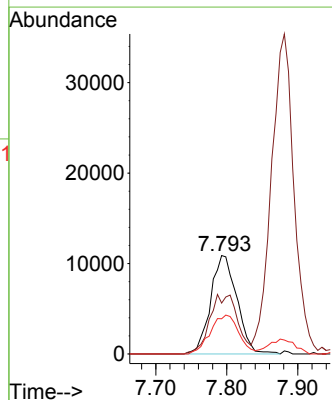
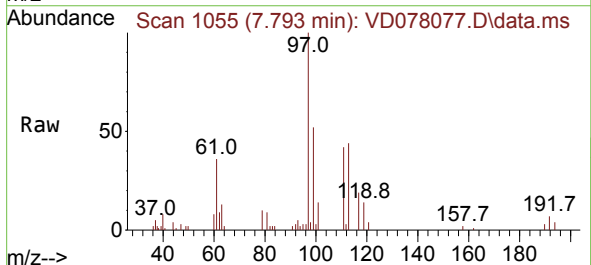
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

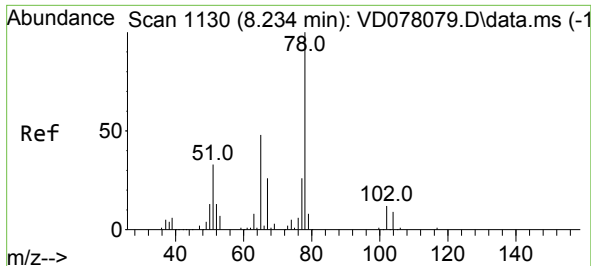
Tgt Ion: 56 Resp: 22998
Ion Ratio Lower Upper
56 100
69 56.0 28.6 43.0#
84 105.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.577 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 97 Resp: 27963
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 42.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.900 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

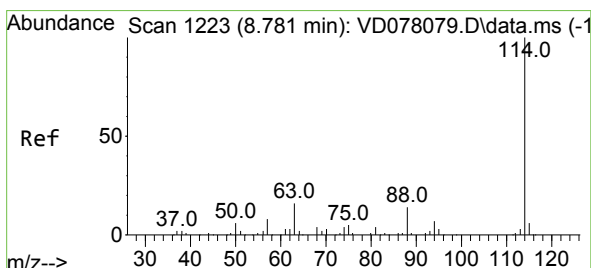
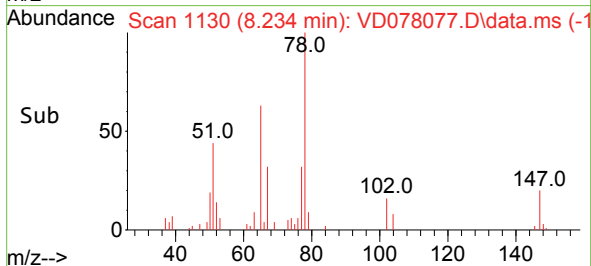
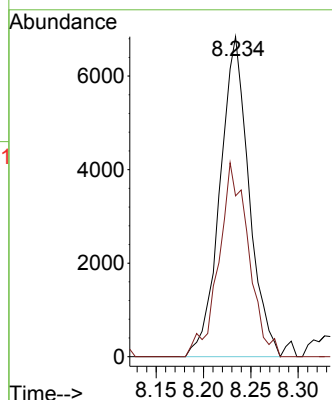
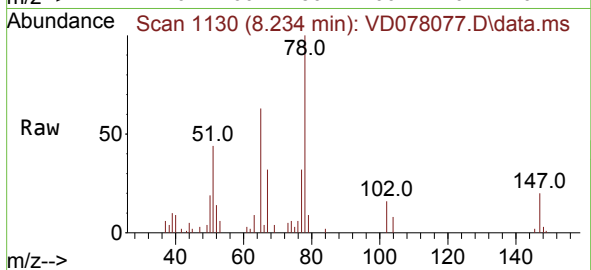
VSTDIC010

Tgt Ion: 65 Resp: 14580

Ion Ratio Lower Upper

65 100

67 62.2 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: VD078077.D

Acq: 26 Dec 2023 12:04

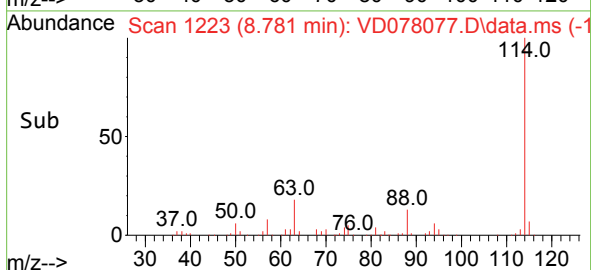
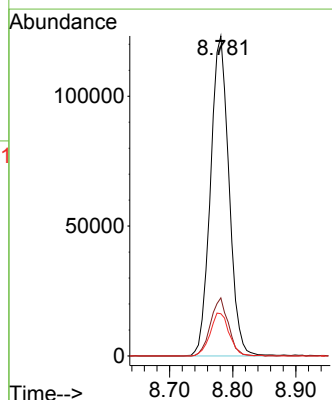
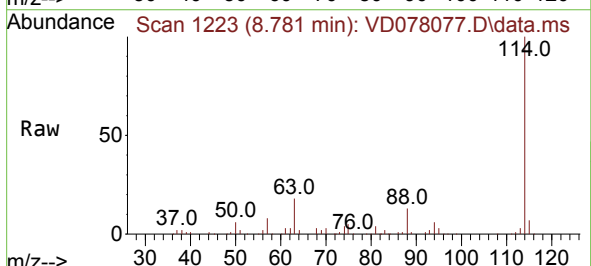
Tgt Ion: 114 Resp: 250417

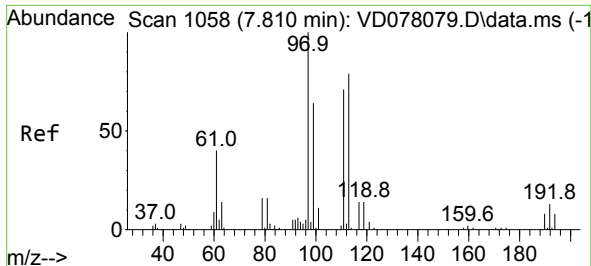
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.2 0.0 26.2

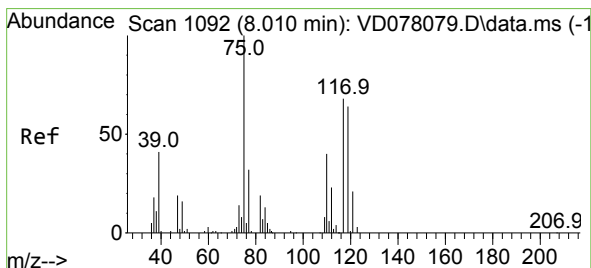
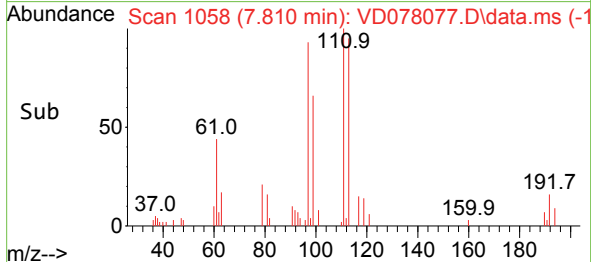
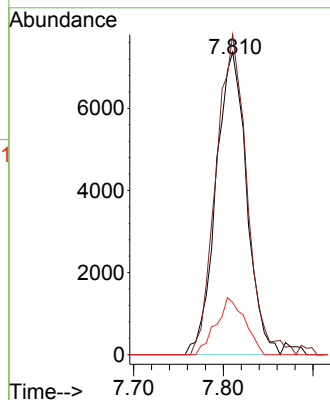
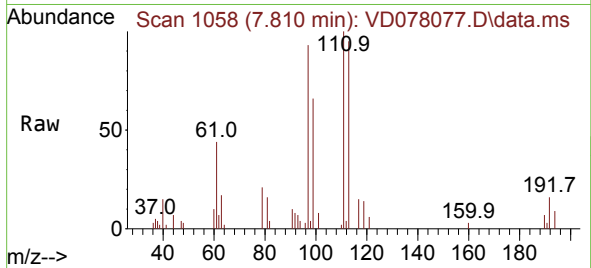




#35
Dibromofluoromethane
Concen: 10.869 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

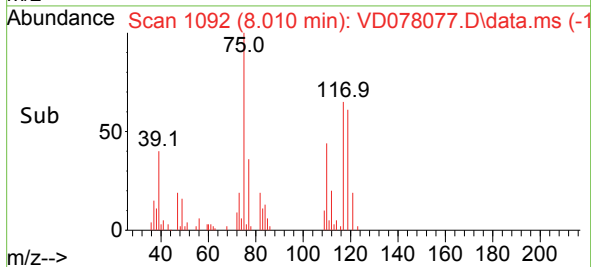
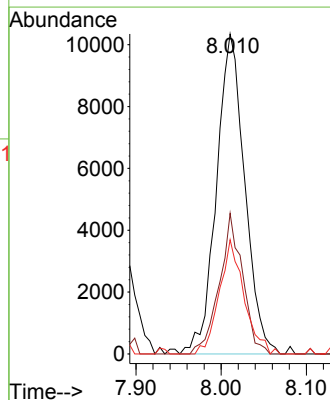
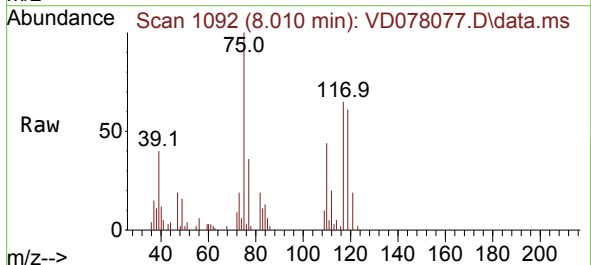
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

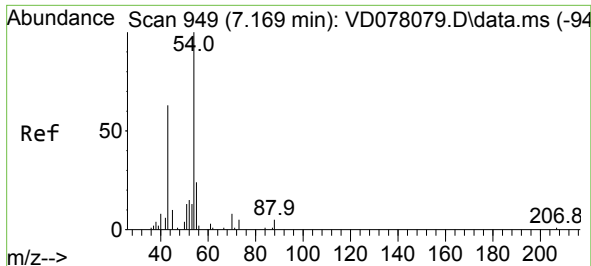
Tgt Ion:113 Resp: 17512
Ion Ratio Lower Upper
113 100
111 106.1 84.7 127.1
192 17.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.536 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 75 Resp: 23887
Ion Ratio Lower Upper
75 100
110 36.1 19.9 59.6
77 31.3 24.7 37.1

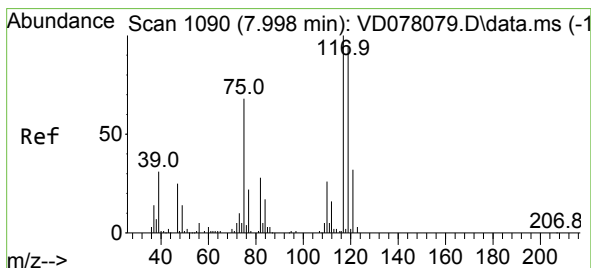
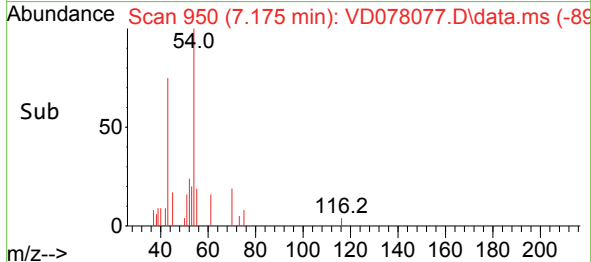
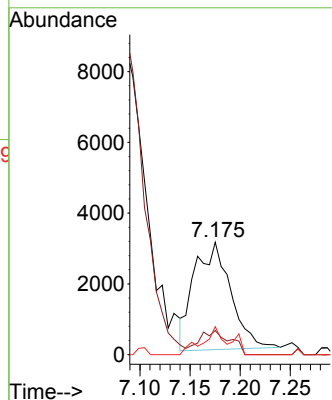
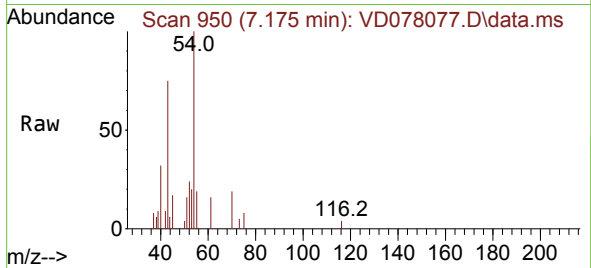




#37
Ethyl Acetate
Concen: 10.155 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

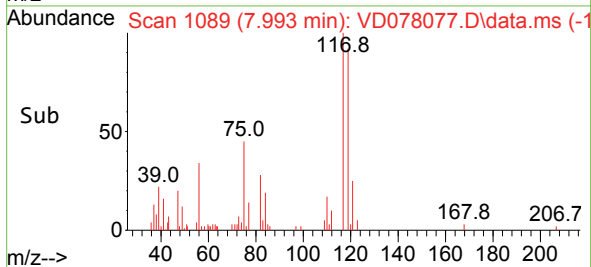
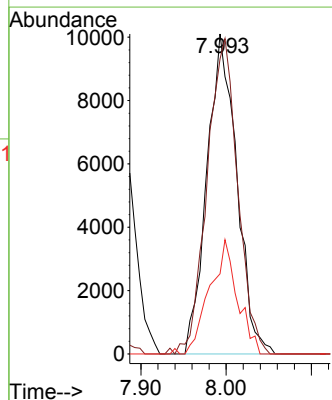
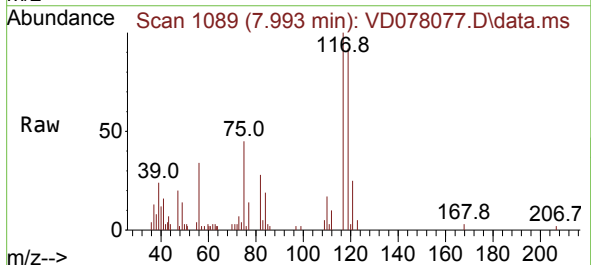
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

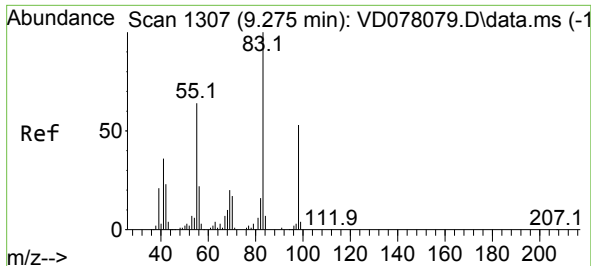
Tgt Ion: 43 Resp: 7657
Ion Ratio Lower Upper
43 100
61 19.0 14.9 22.3
70 14.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 10.010 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 117 Resp: 24590
Ion Ratio Lower Upper
117 100
119 92.2 78.0 117.0
121 25.1 24.2 36.2





#39

Methylcyclohexane

Concen: 9.905 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

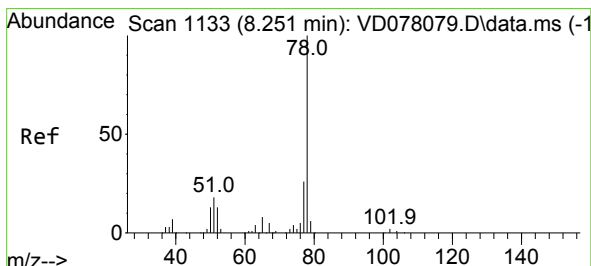
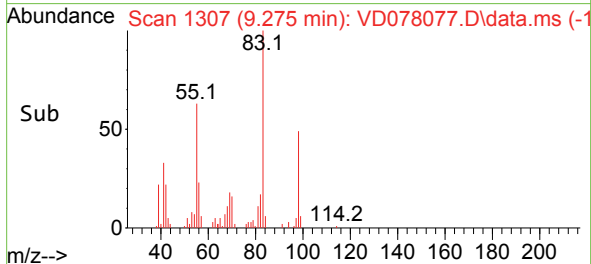
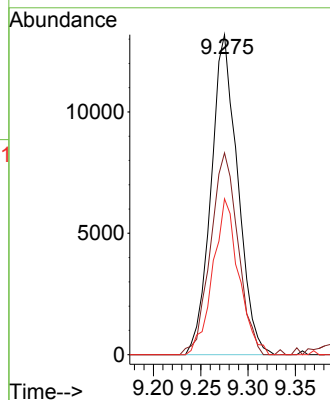
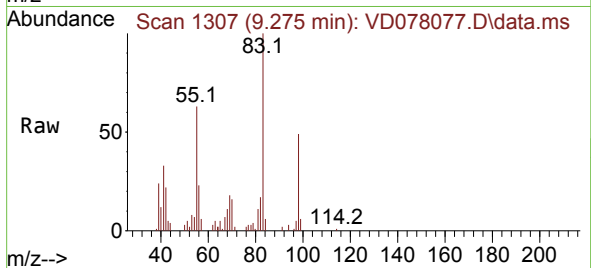
Tgt Ion: 83 Resp: 25746

Ion Ratio Lower Upper

83 100

55 63.0 49.4 74.0

98 48.7 38.4 57.6



#40

Benzene

Concen: 10.411 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078077.D

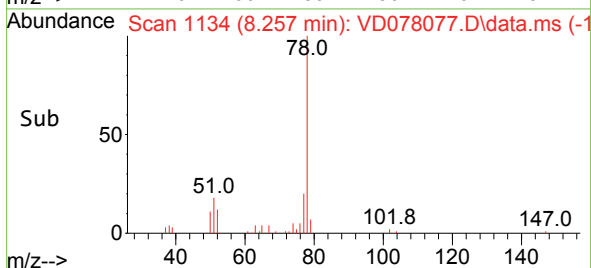
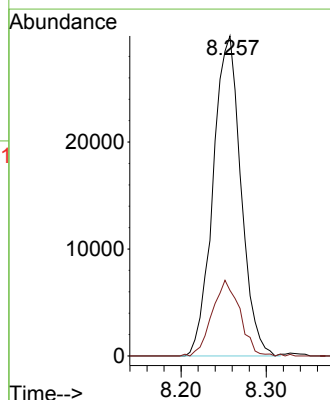
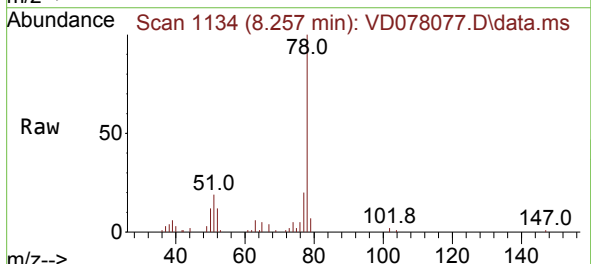
Acq: 26 Dec 2023 12:04

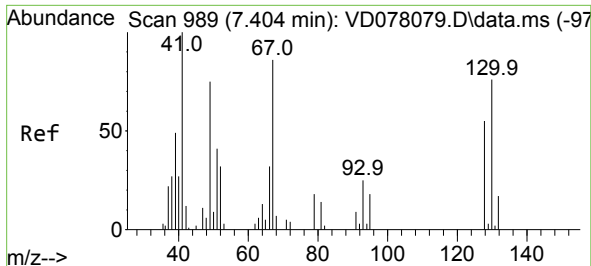
Tgt Ion: 78 Resp: 68030

Ion Ratio Lower Upper

78 100

77 20.5 19.4 29.0

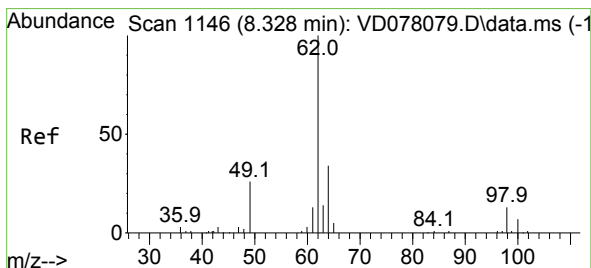
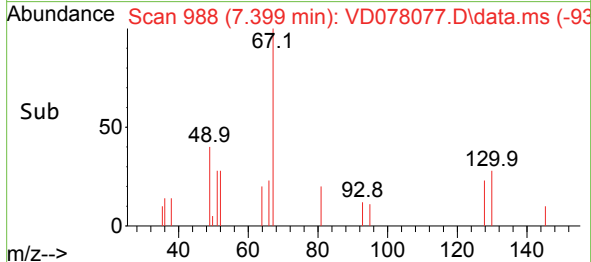
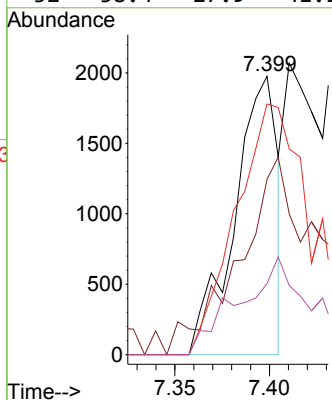
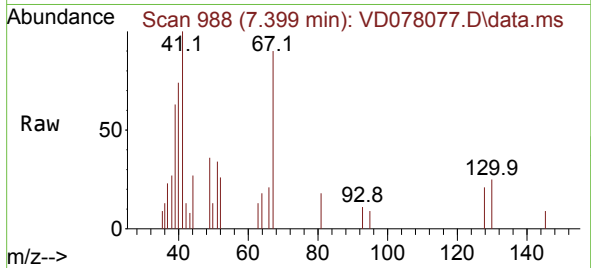




#41
Methacrylonitrile
Concen: 6.586 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

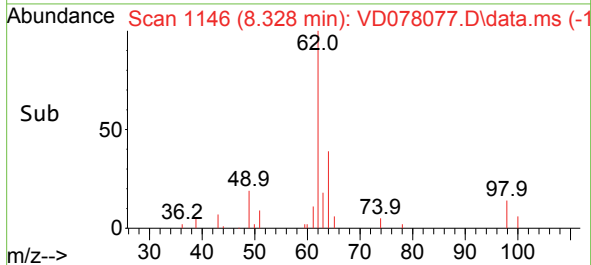
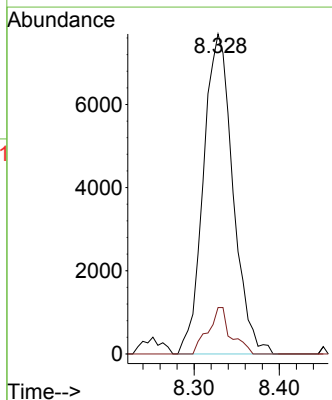
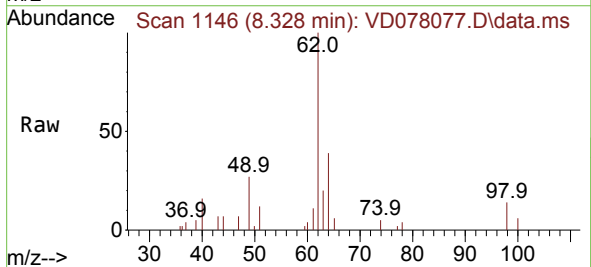
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

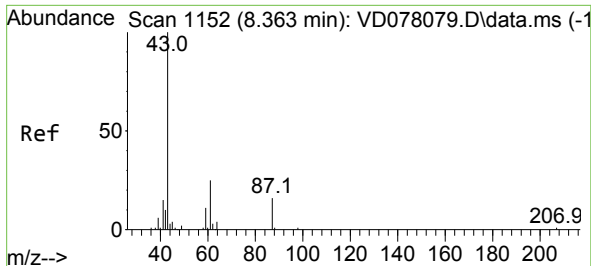
Tgt Ion: 41 Resp: 3145
Ion Ratio Lower Upper
41 100
39 120.9 34.0 51.0#
67 157.4 77.0 115.4#
52 58.4 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 10.497 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 62 Resp: 18536
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4

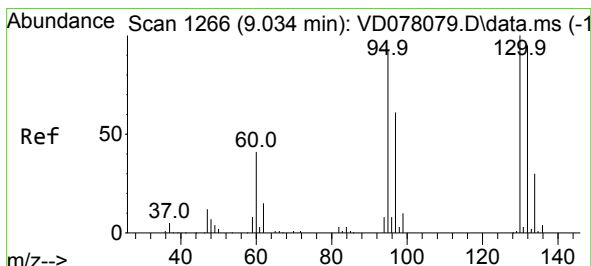
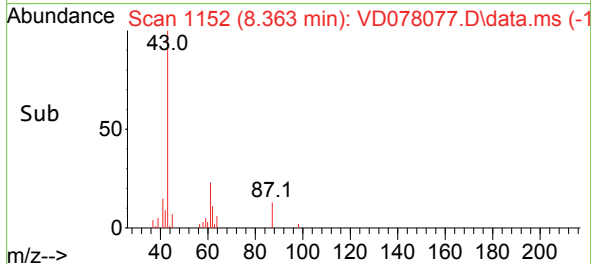
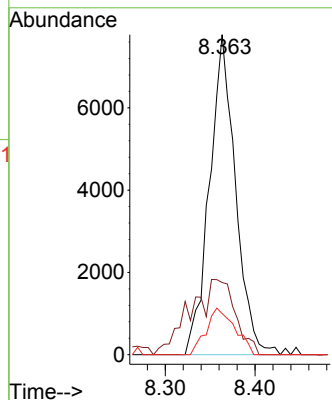
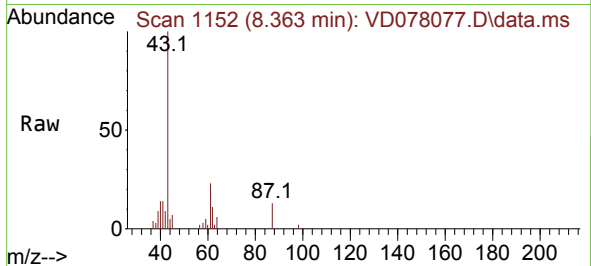




#43
Isopropyl Acetate
Concen: 10.387 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

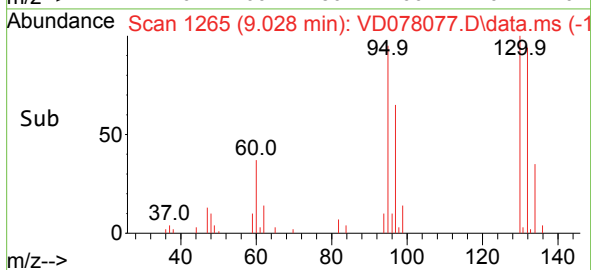
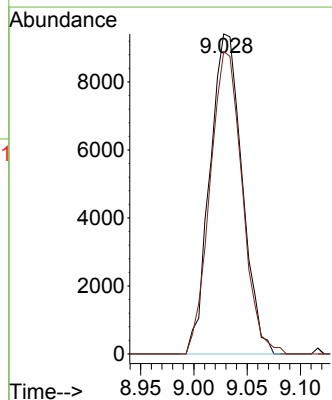
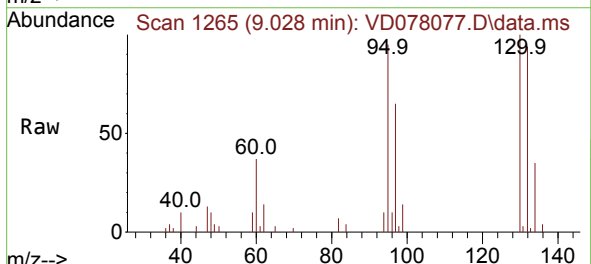
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

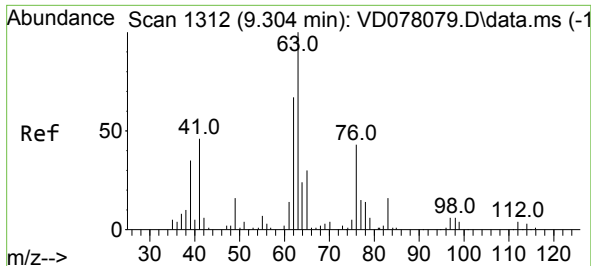
Tgt Ion: 43 Resp: 15680
Ion Ratio Lower Upper
43 100
61 40.6 31.4 47.0
87 16.0 14.9 22.3



#44
Trichloroethene
Concen: 10.529 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:130 Resp: 19794
Ion Ratio Lower Upper
130 100
95 94.5 0.0 179.2

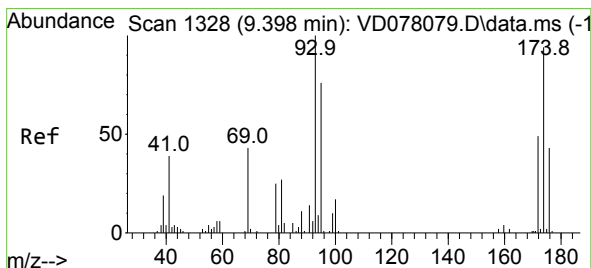
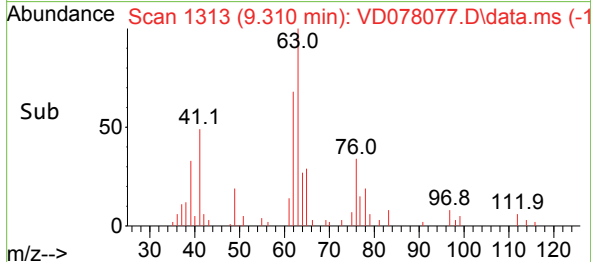
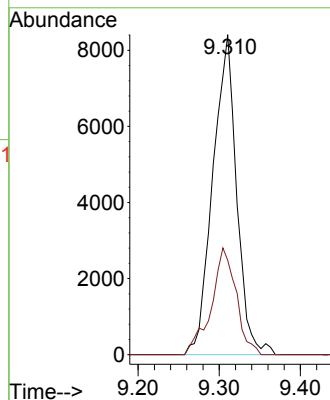
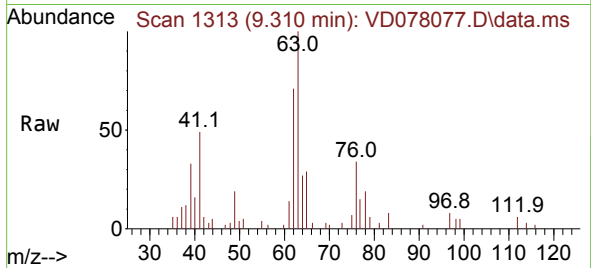




#45
1,2-Dichloropropane
Concen: 10.366 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

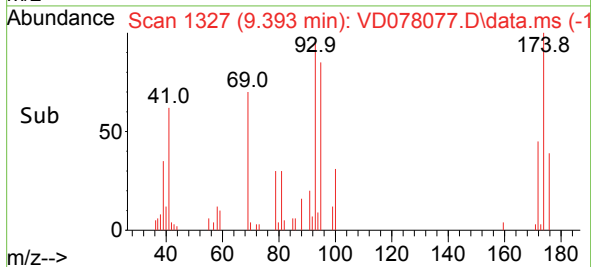
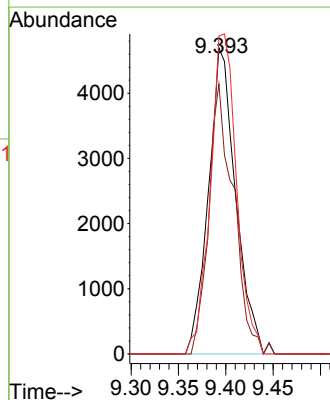
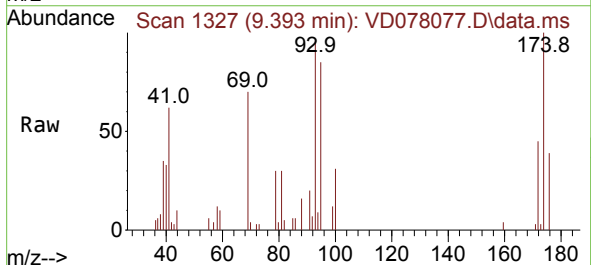
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

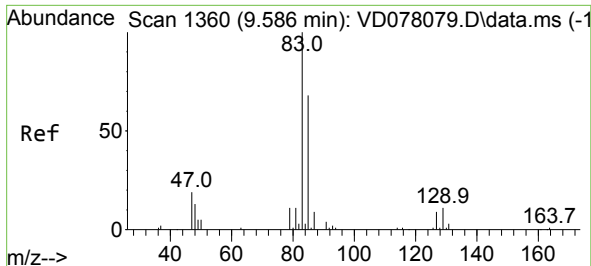
Tgt Ion: 63 Resp: 17164
Ion Ratio Lower Upper
63 100
65 29.5 24.5 36.7



#46
Dibromomethane
Concen: 10.204 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 93 Resp: 9463
Ion Ratio Lower Upper
93 100
95 80.2 67.7 101.5
174 100.4 85.4 128.2





#47

Bromodichloromethane

Concen: 10.585 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

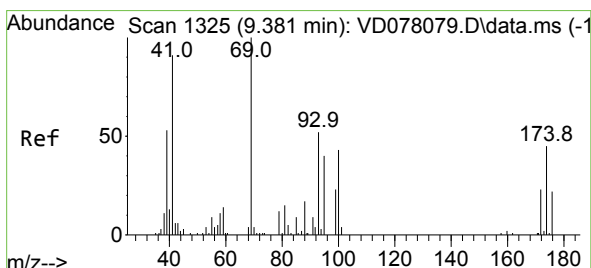
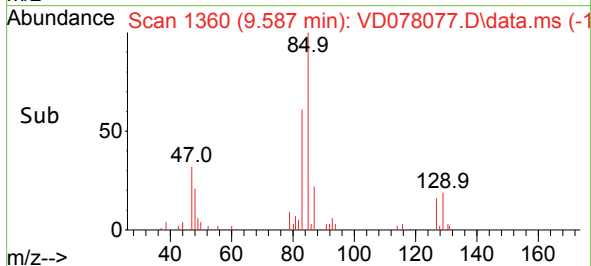
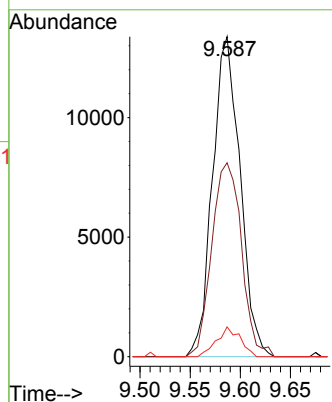
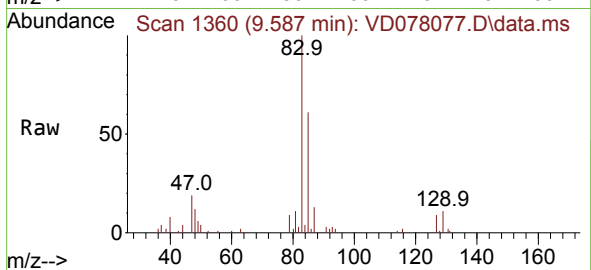
Tgt Ion: 83 Resp: 25497

Ion Ratio Lower Upper

83 100

85 60.6 50.2 75.4

127 9.3 6.3 9.5



#48

Methyl methacrylate

Concen: 9.723 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

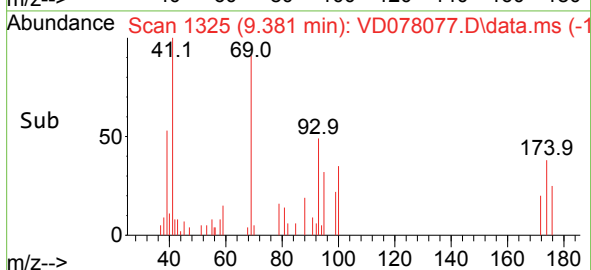
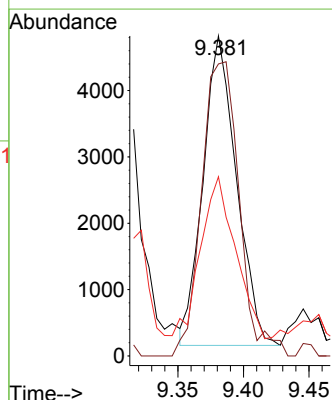
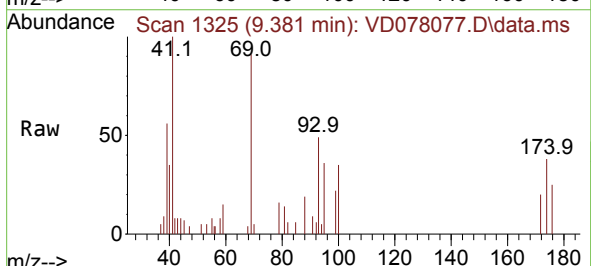
Tgt Ion: 41 Resp: 8272

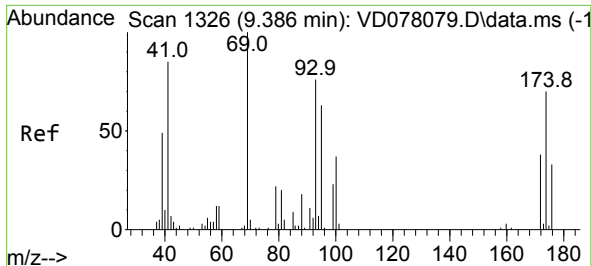
Ion Ratio Lower Upper

41 100

69 106.8 102.2 153.2

39 64.8 41.4 62.2#





#49

1,4-Dioxane

Concen: 185.475 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

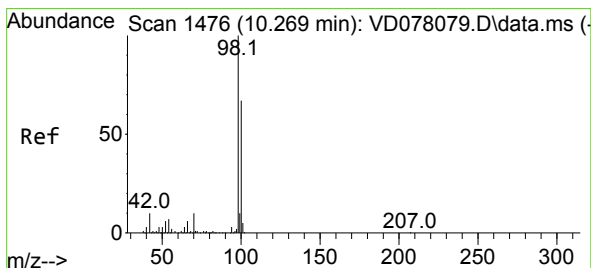
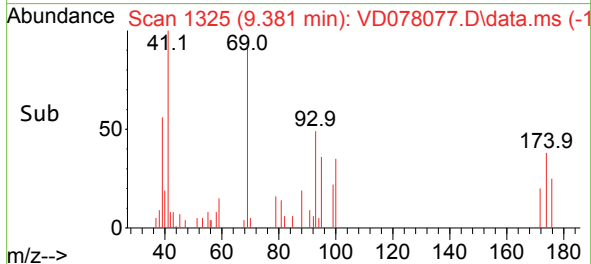
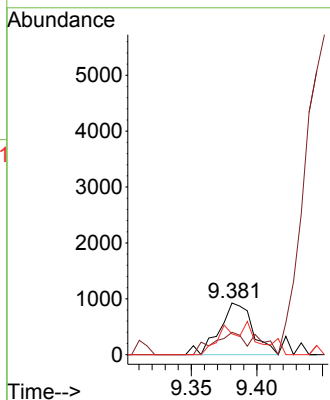
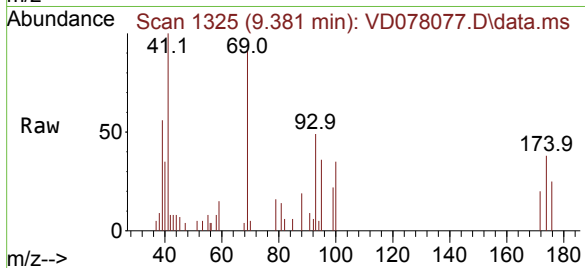
Tgt Ion: 88 Resp: 1626

Ion Ratio Lower Upper

88 100

43 39.5 19.0 28.6#

58 34.8 43.5 65.3#



#50

Toluene-d8

Concen: 10.234 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078077.D

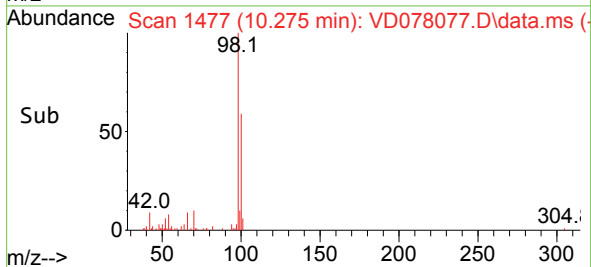
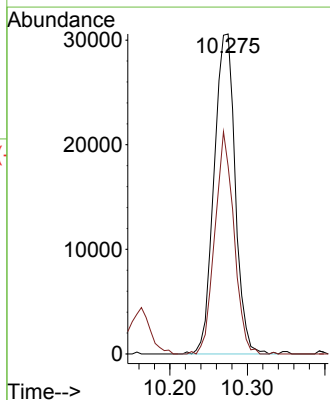
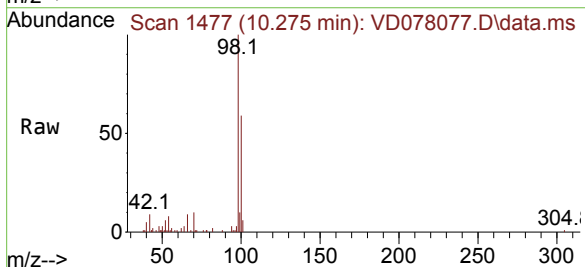
Acq: 26 Dec 2023 12:04

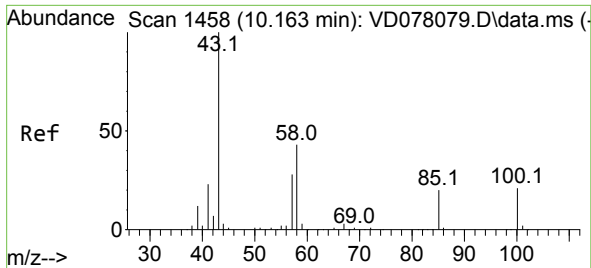
Tgt Ion: 98 Resp: 58024

Ion Ratio Lower Upper

98 100

100 62.6 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 50.527 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

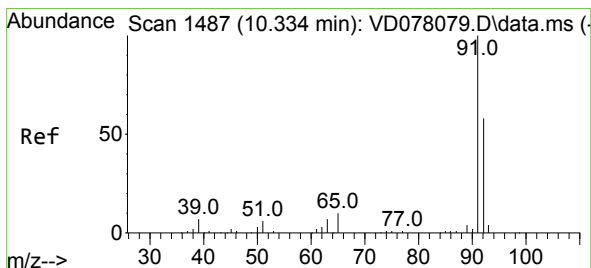
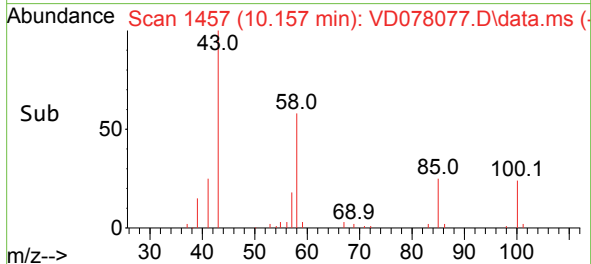
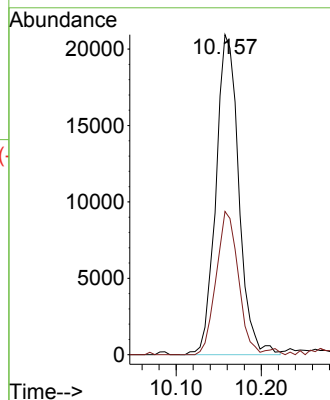
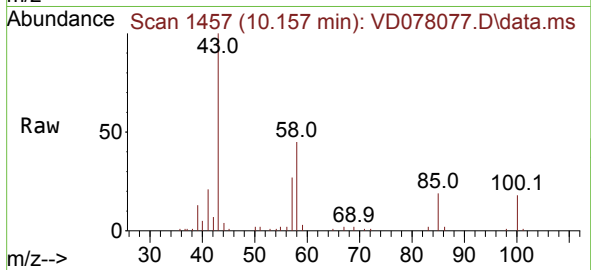
VSTDIC010

Tgt Ion: 43 Resp: 39138

Ion Ratio Lower Upper

43 100

58 43.4 38.9 58.3



#52

Toluene

Concen: 10.048 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078077.D

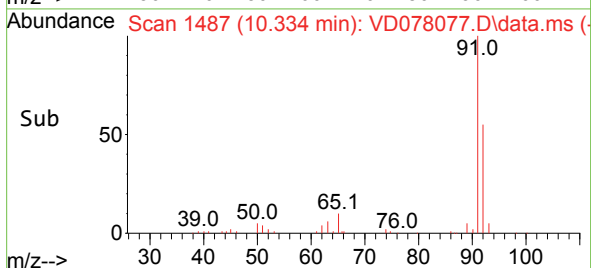
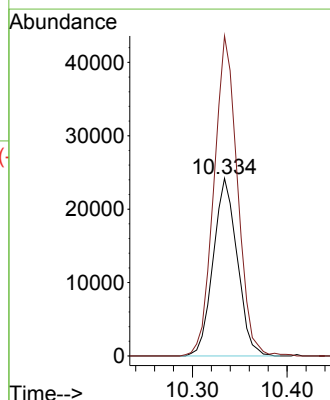
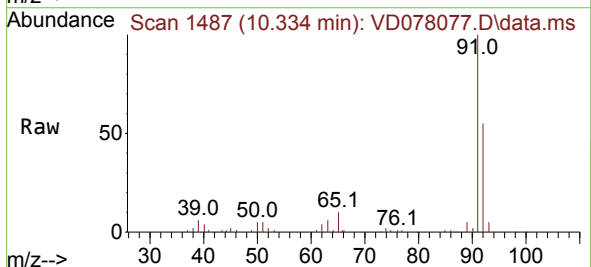
Acq: 26 Dec 2023 12:04

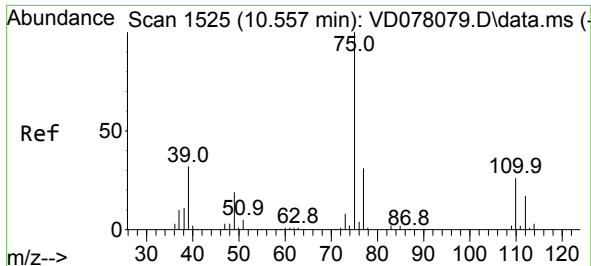
Tgt Ion: 92 Resp: 42584

Ion Ratio Lower Upper

92 100

91 177.2 143.0 214.4

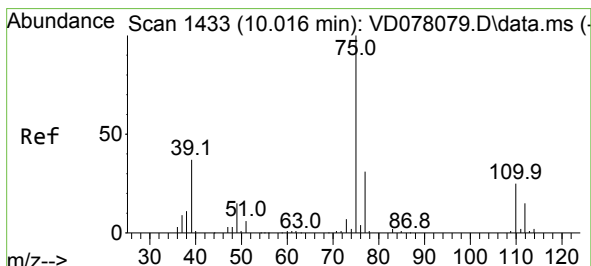
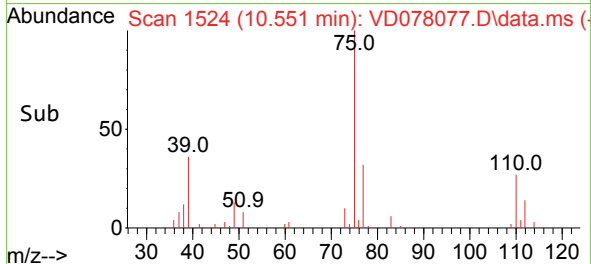
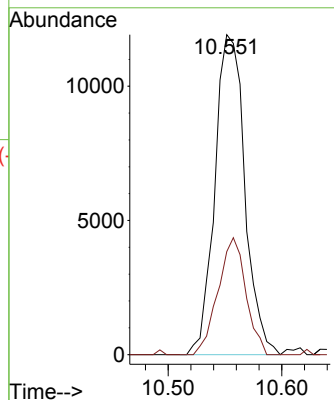
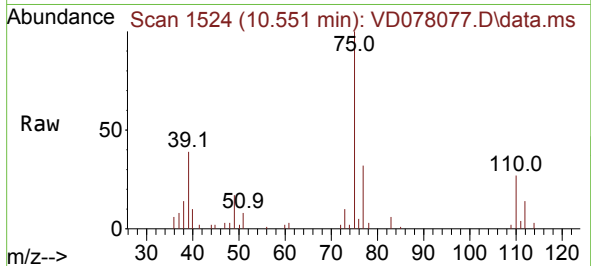




#53
 t-1,3-Dichloropropene
 Concen: 9.996 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078077.D
 Acq: 26 Dec 2023 12:04

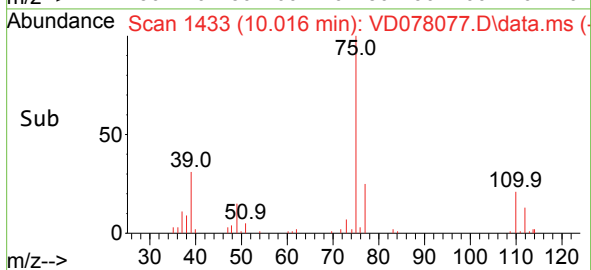
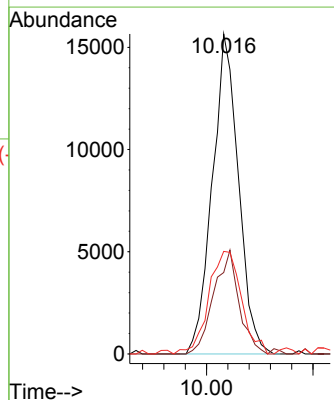
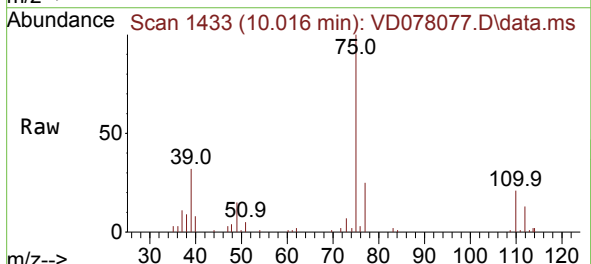
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

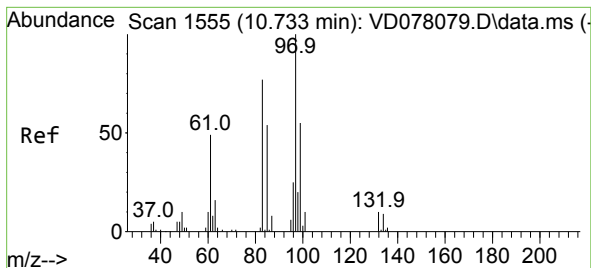
Tgt Ion: 75 Resp: 21846
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 10.147 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078077.D
 Acq: 26 Dec 2023 12:04

Tgt Ion: 75 Resp: 26633
 Ion Ratio Lower Upper
 75 100
 77 25.5 25.5 38.3#
 39 30.7 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 9.879 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 12892

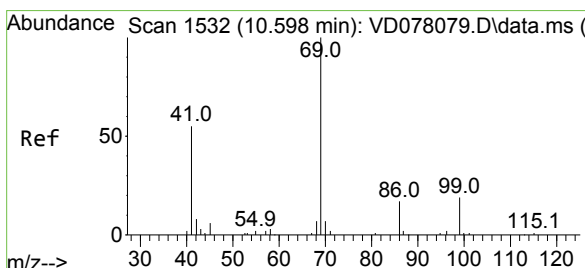
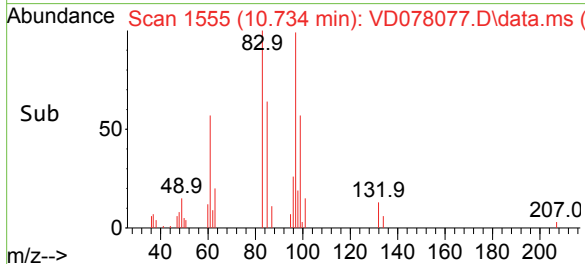
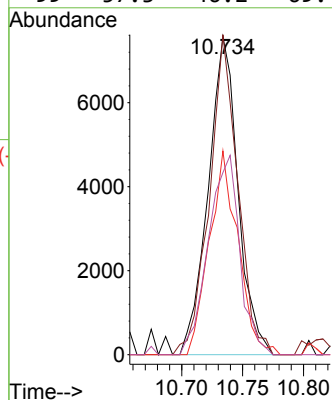
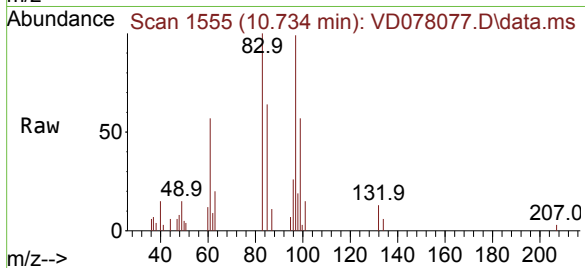
Ion Ratio Lower Upper

97 100

83 100.6 65.8 98.6#

85 64.1 45.7 68.5

99 57.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 9.393 ug/l

RT: 10.604 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

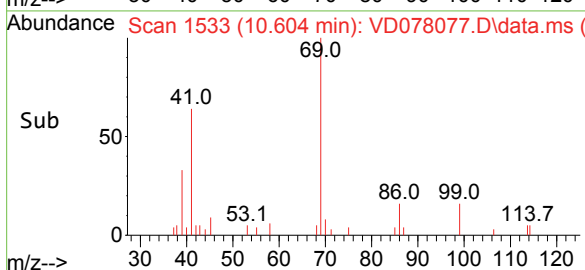
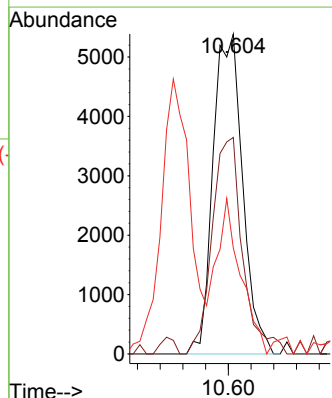
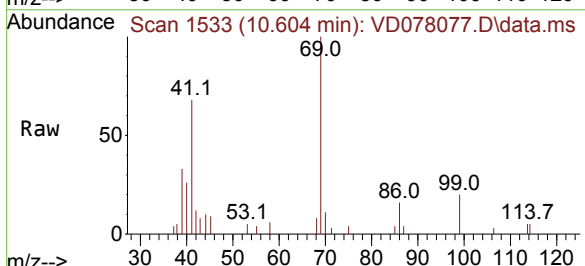
Tgt Ion: 69 Resp: 9728

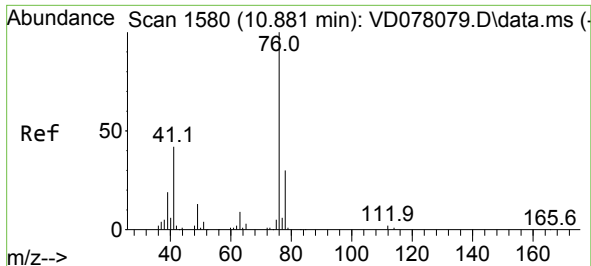
Ion Ratio Lower Upper

69 100

41 69.9 39.1 58.7#

39 39.9 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 10.514 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

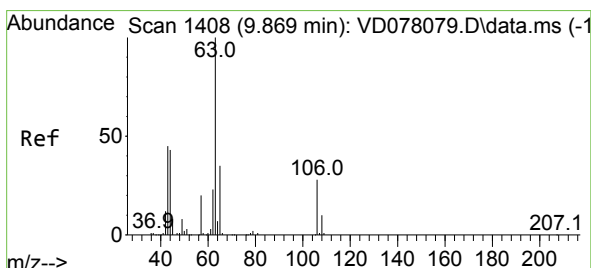
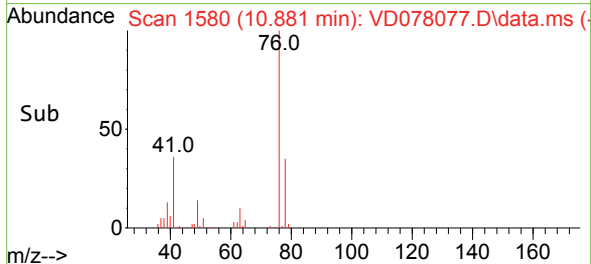
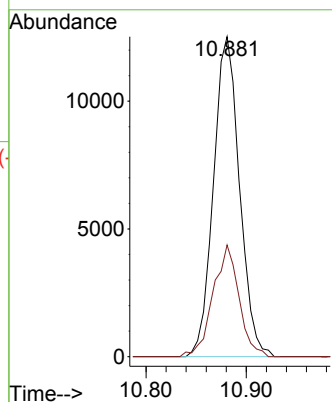
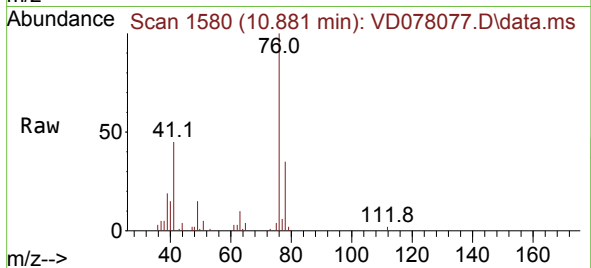
VSTDIC010

Tgt Ion: 76 Resp: 22544

Ion Ratio Lower Upper

76 100

78 34.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 48.700 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078077.D

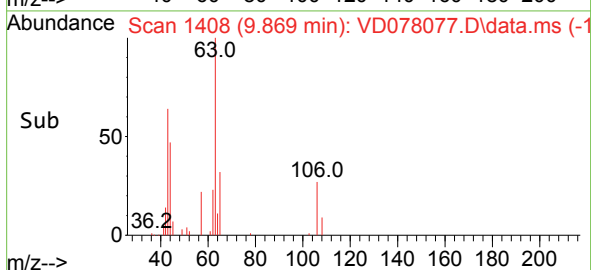
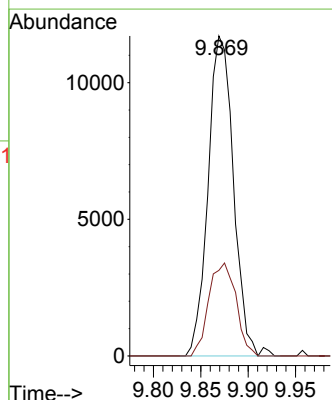
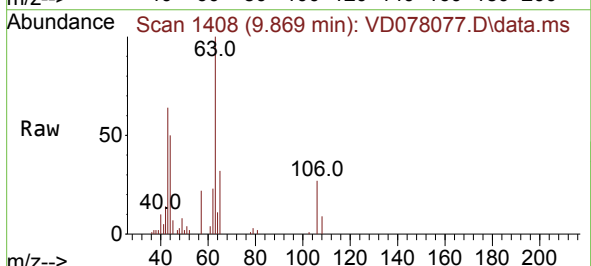
Acq: 26 Dec 2023 12:04

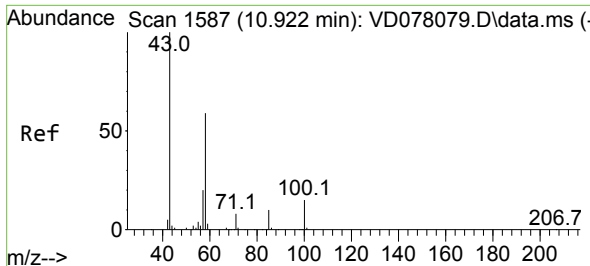
Tgt Ion: 63 Resp: 21836

Ion Ratio Lower Upper

63 100

106 31.1 25.3 37.9

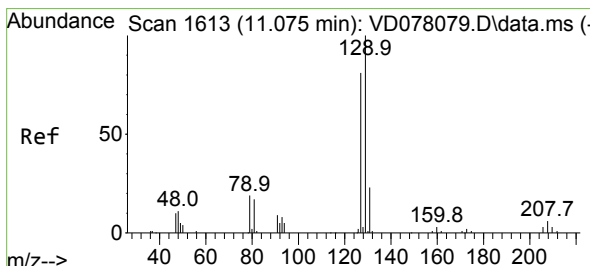
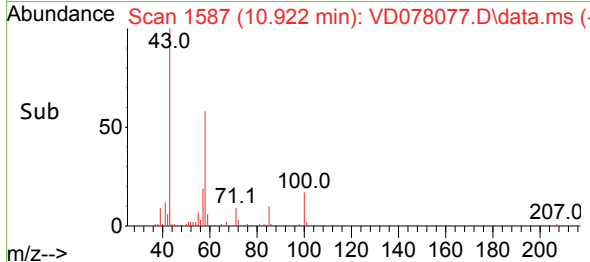
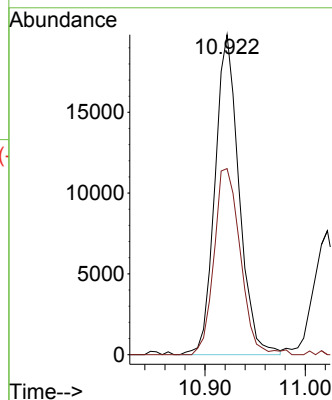
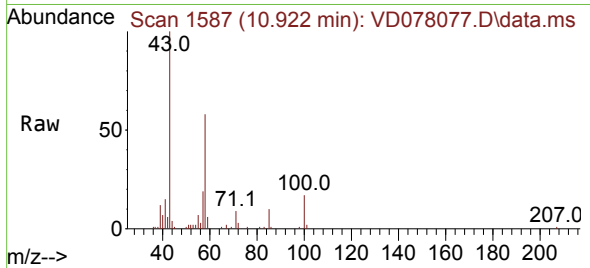




#59
2-Hexanone
Concen: 54.935 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

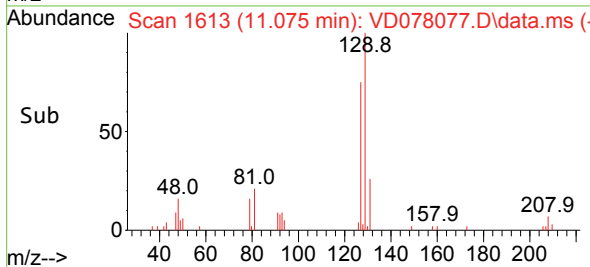
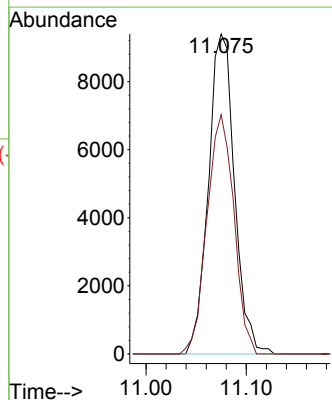
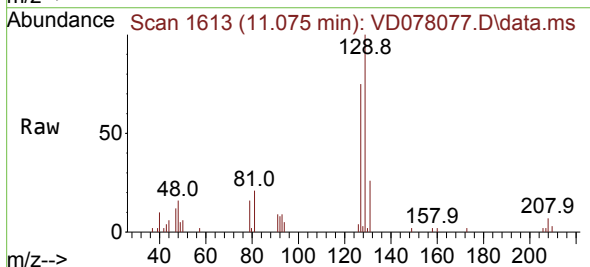
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

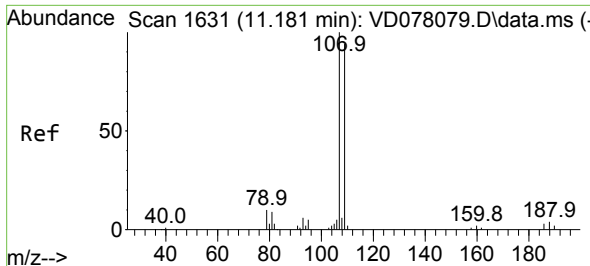
Tgt Ion: 43 Resp: 33053
Ion Ratio Lower Upper
43 100
58 63.5 34.1 102.2



#60
Dibromochloromethane
Concen: 10.222 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 129 Resp: 16994
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

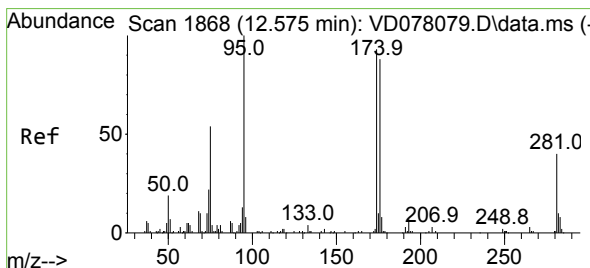
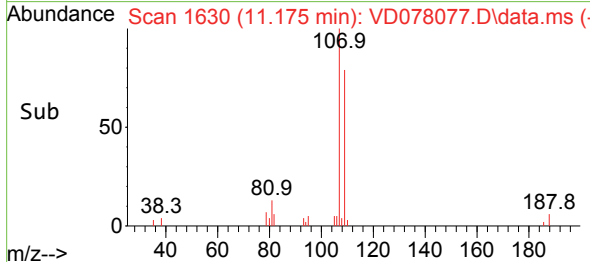
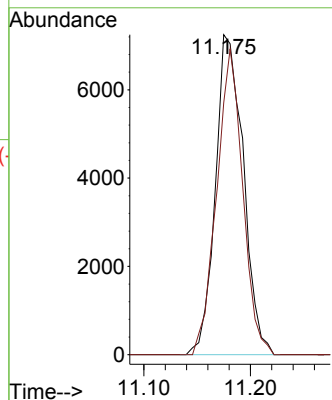
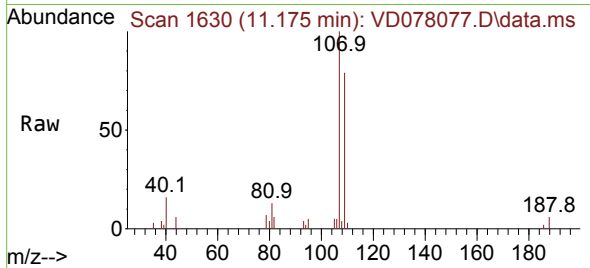




#61
1,2-Dibromoethane
Concen: 10.533 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

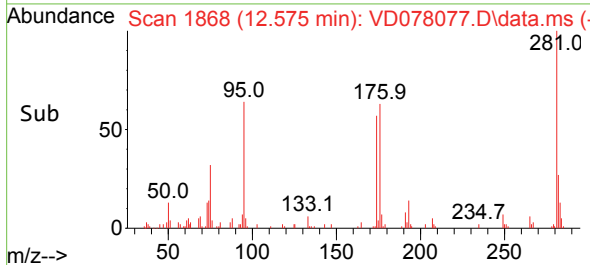
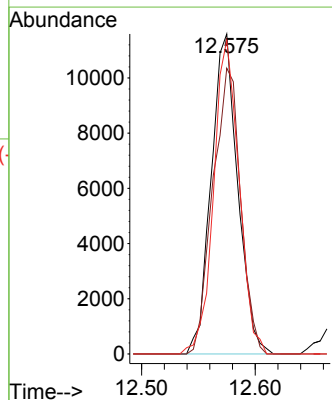
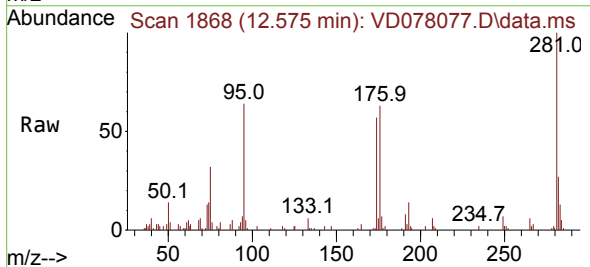
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

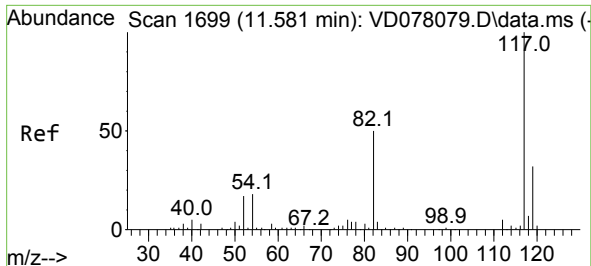
Tgt Ion:107 Resp: 13178
Ion Ratio Lower Upper
107 100
109 89.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.338 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 95 Resp: 18858
Ion Ratio Lower Upper
95 100
174 93.5 0.0 201.8
176 93.7 0.0 191.8

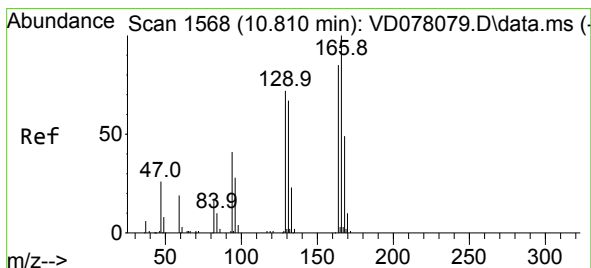
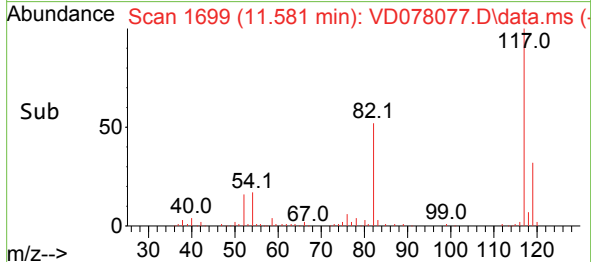
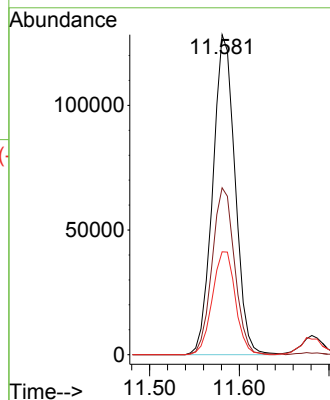
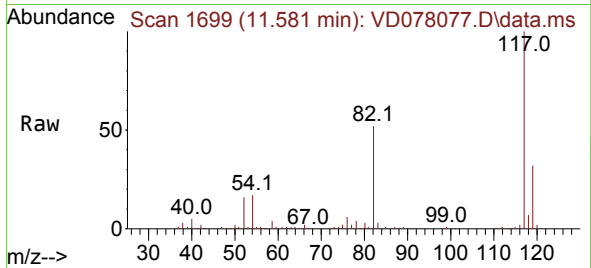




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

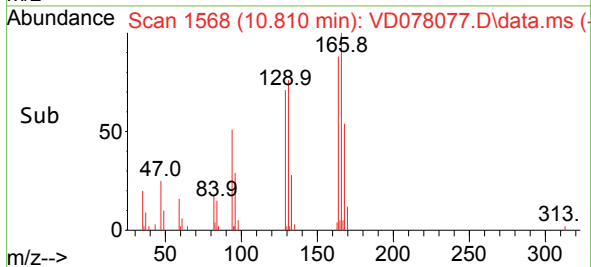
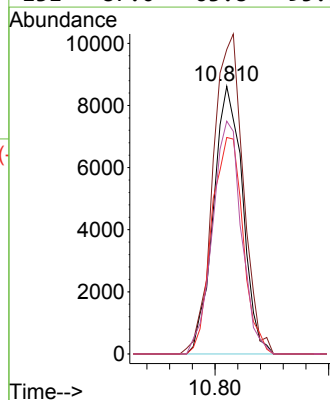
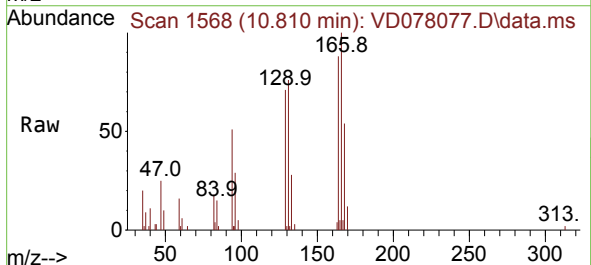
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

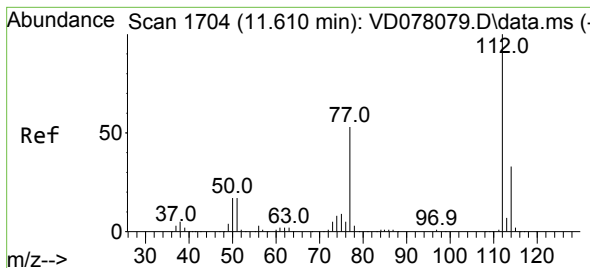
Tgt Ion:117 Resp: 221328
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 10.277 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:164 Resp: 15370
Ion Ratio Lower Upper
164 100
166 113.8 99.2 148.8
129 80.9 68.4 102.6
131 87.0 63.8 95.8

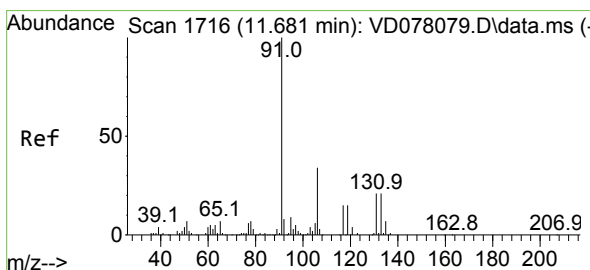
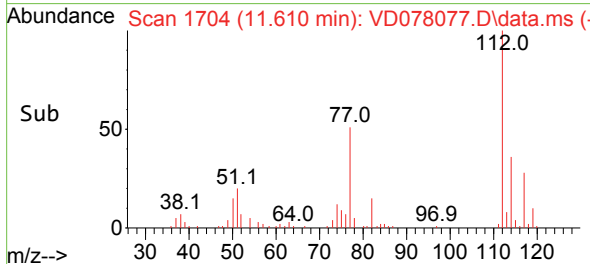
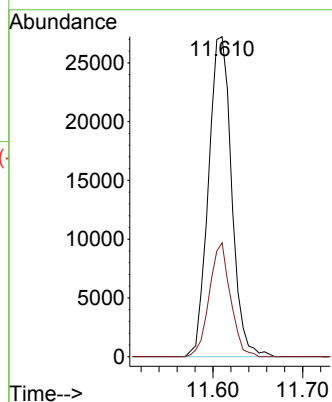
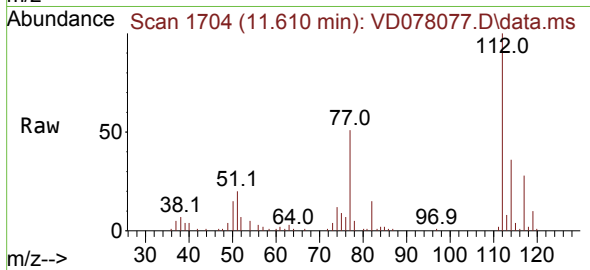




#65
Chlorobenzene
Concen: 10.370 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

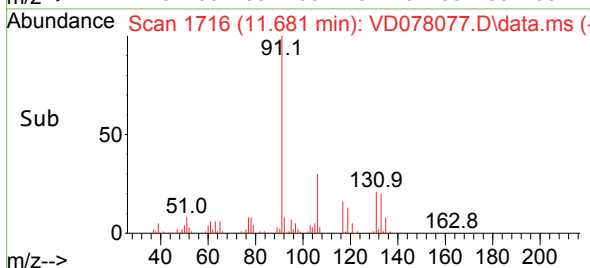
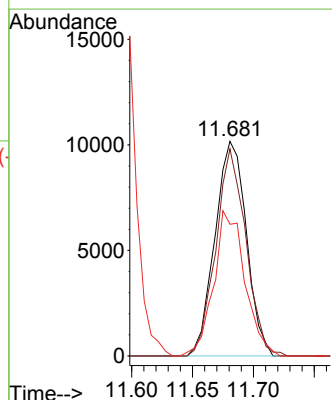
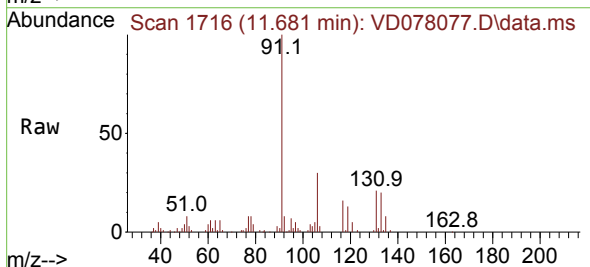
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

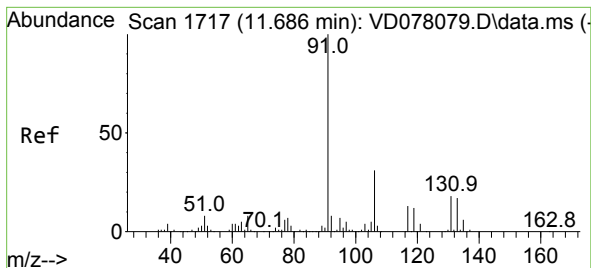
Tgt Ion:112 Resp: 48762
Ion Ratio Lower Upper
112 100
114 35.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.266 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:131 Resp: 18270
Ion Ratio Lower Upper
131 100
133 92.0 48.5 145.5
119 66.9 35.6 106.9





#67

Ethyl Benzene

Concen: 9.959 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

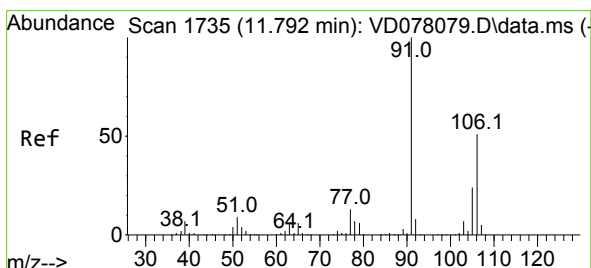
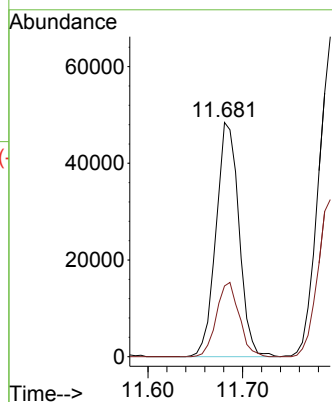
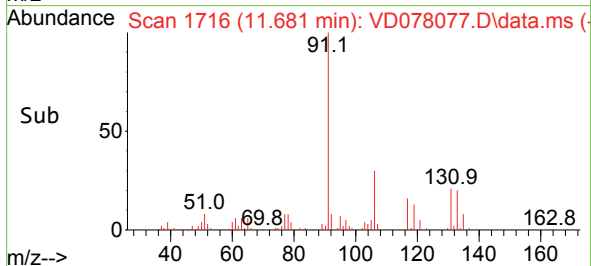
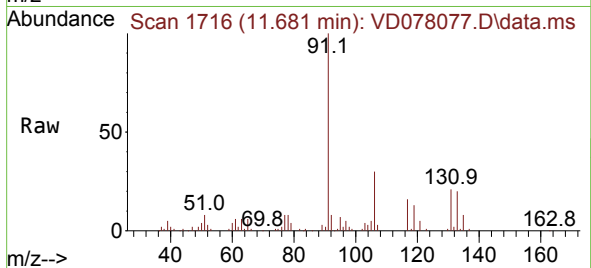
VSTDIC010

Tgt Ion: 91 Resp: 81640

Ion Ratio Lower Upper

91 100

106 30.2 26.5 39.7



#68

m/p-Xylenes

Concen: 19.700 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078077.D

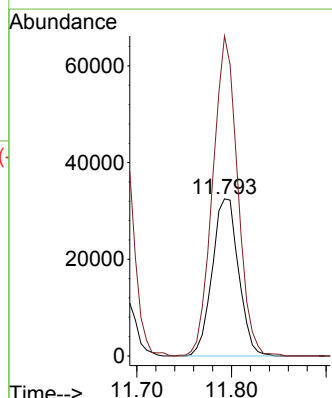
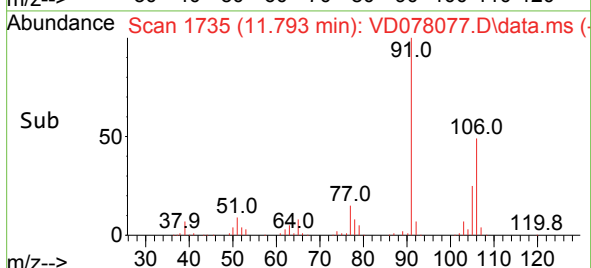
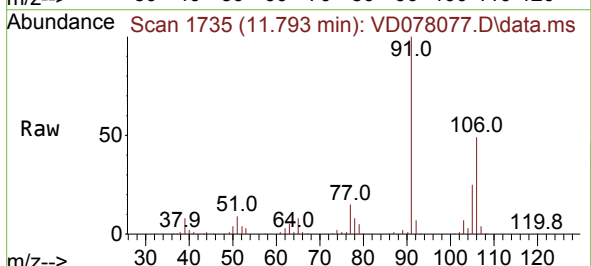
Acq: 26 Dec 2023 12:04

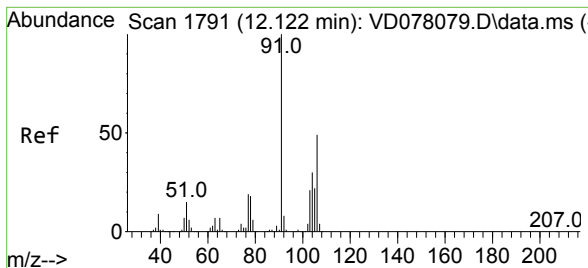
Tgt Ion: 106 Resp: 62849

Ion Ratio Lower Upper

106 100

91 192.6 147.0 220.6





#69

o-Xylene

Concen: 9.637 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

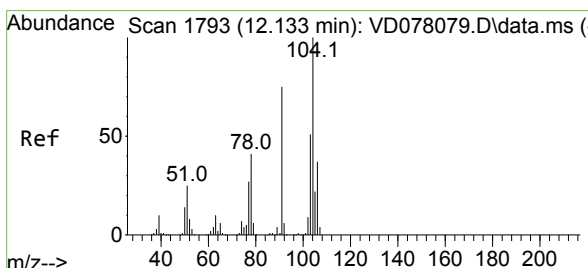
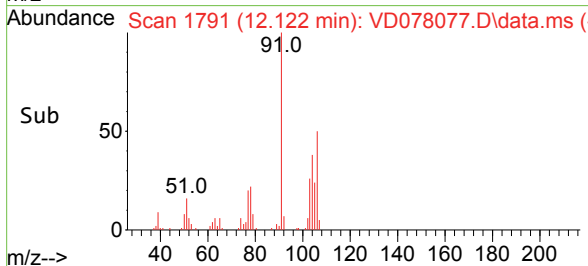
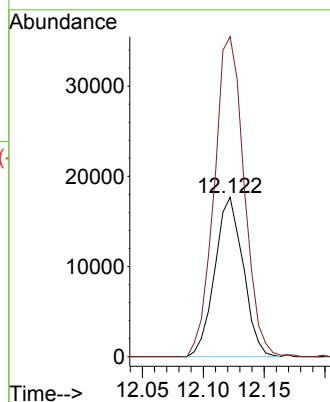
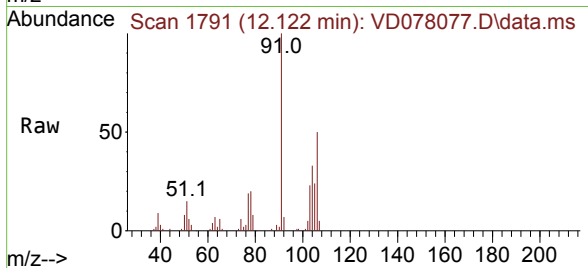
VSTDIC010

Tgt Ion:106 Resp: 28655

Ion Ratio Lower Upper

106 100

91 211.9 97.9 293.6



#70

Styrene

Concen: 9.572 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

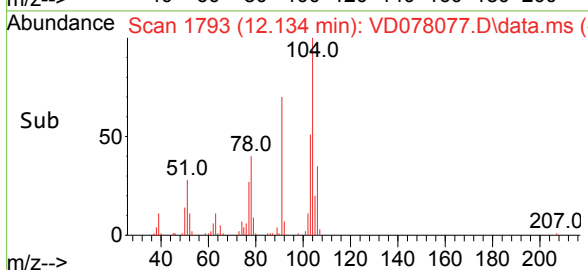
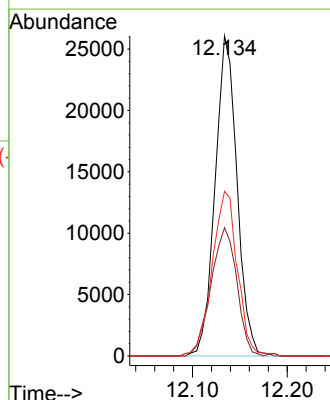
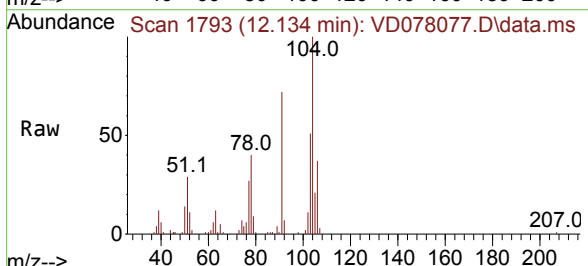
Tgt Ion:104 Resp: 42024

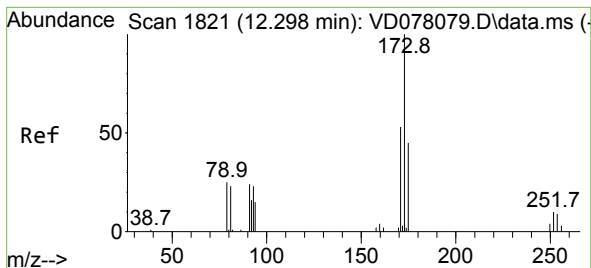
Ion Ratio Lower Upper

104 100

78 47.2 33.2 49.8

103 58.8 43.6 65.4





#71

Bromoform

Concen: 10.658 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

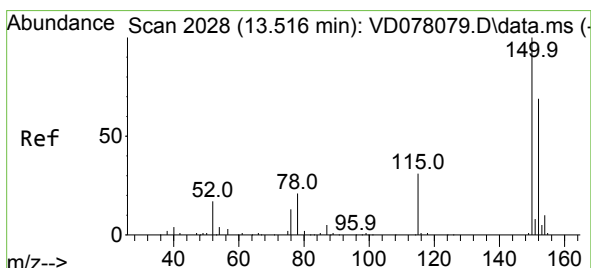
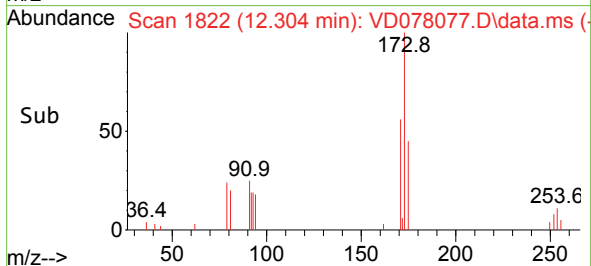
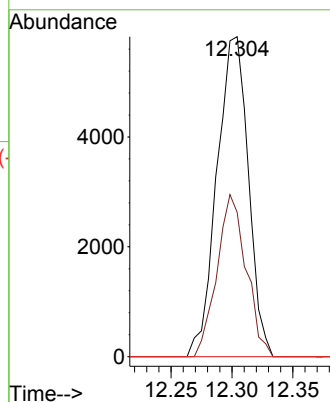
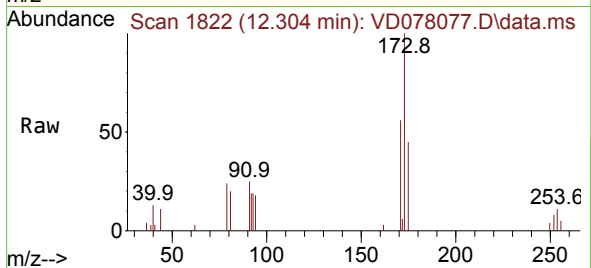
Tgt Ion:173 Resp: 10465

Ion Ratio Lower Upper

173 100

175 47.1 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: VD078077.D

Acq: 26 Dec 2023 12:04

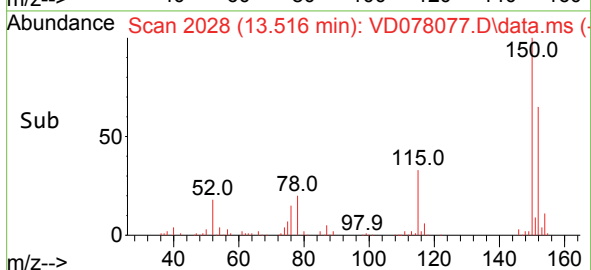
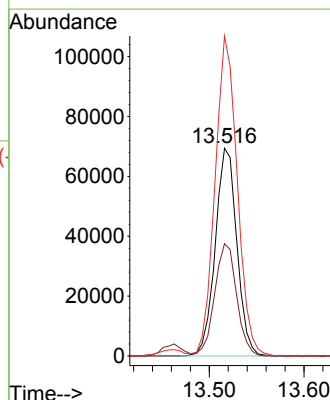
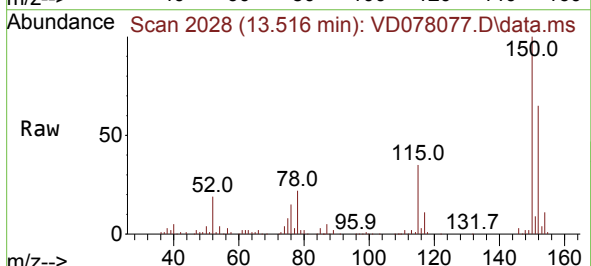
Tgt Ion:152 Resp: 110075

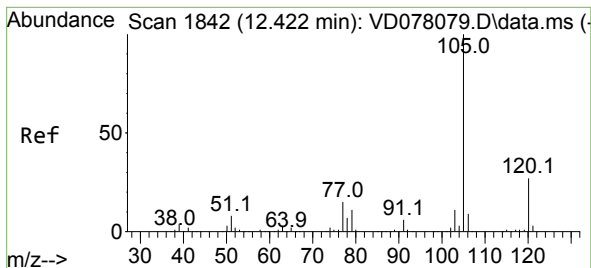
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 158.5 0.0 353.6





#73

Isopropylbenzene

Concen: 9.838 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

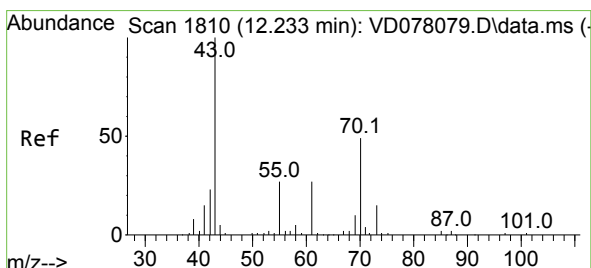
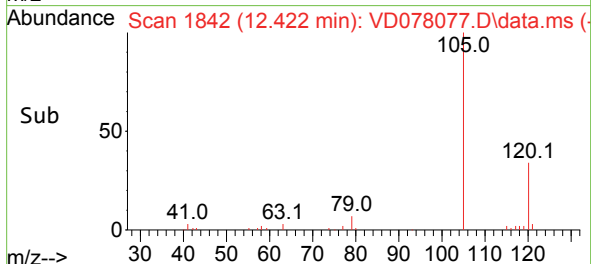
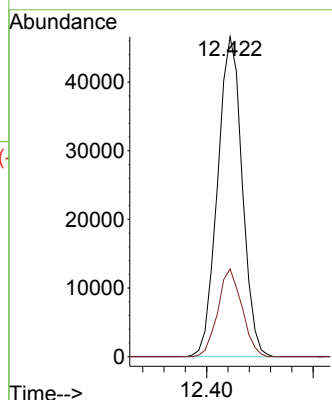
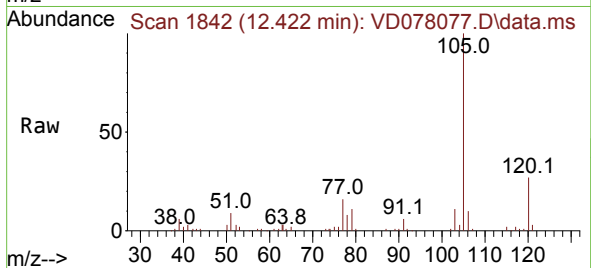
VSTDICC010

Tgt Ion:105 Resp: 74590

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 10.593 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Tgt Ion: 43 Resp: 13332

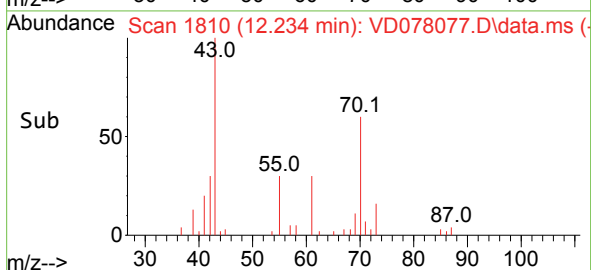
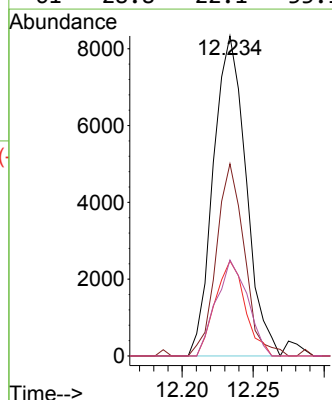
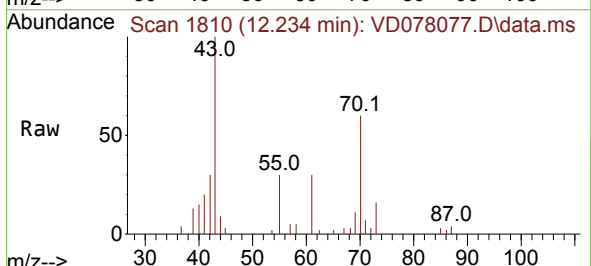
Ion Ratio Lower Upper

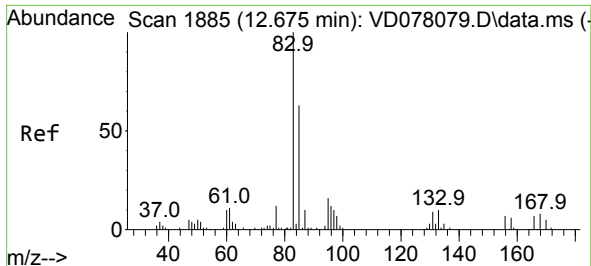
43 100

70 51.7 45.0 67.4

55 27.1 23.8 35.6

61 28.8 22.1 33.1

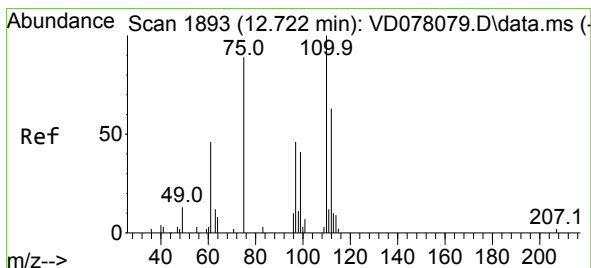
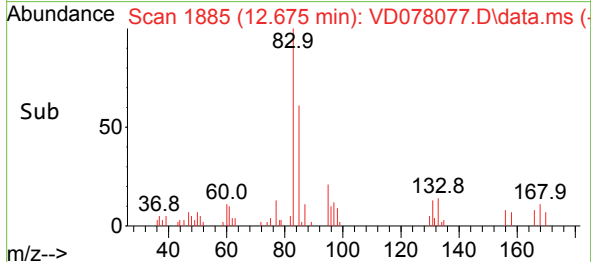
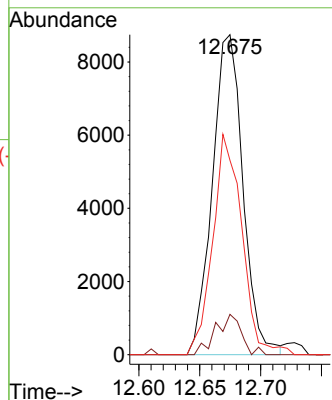
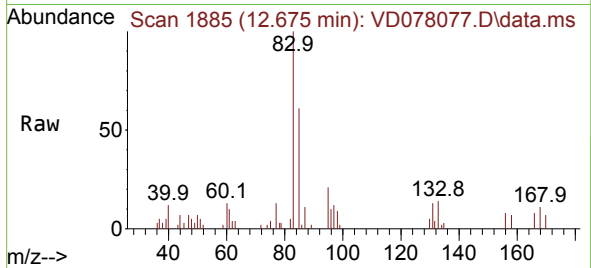




#75
1,1,2,2-Tetrachloroethane
Concen: 11.110 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

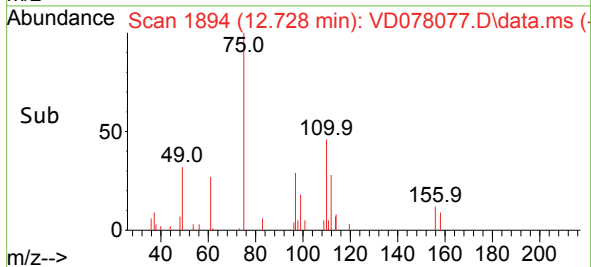
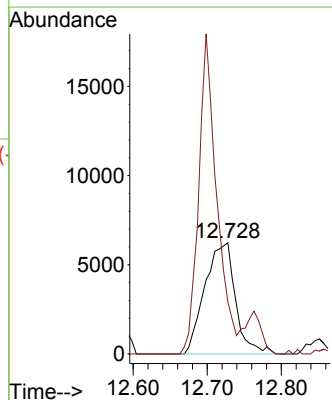
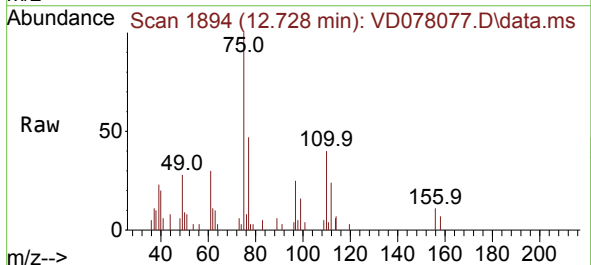
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

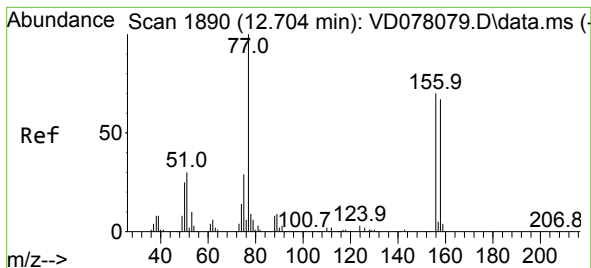
Tgt Ion:	83	Resp:	15308
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	65.6	32.6	97.8



#76
1,2,3-Trichloropropane
Concen: 20.101 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:	75	Resp:	17875
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.015 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

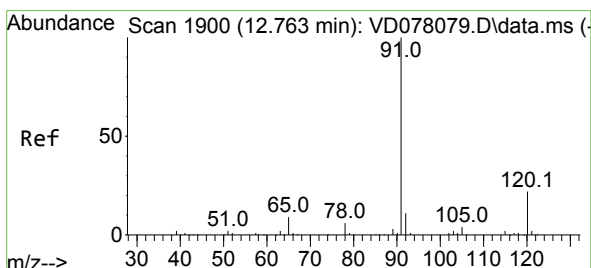
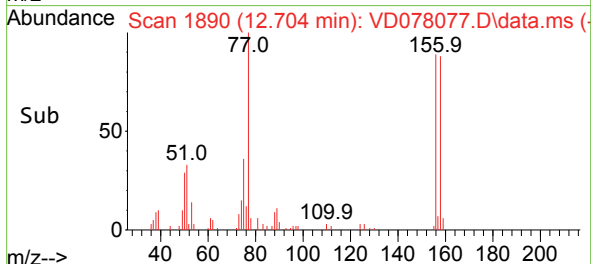
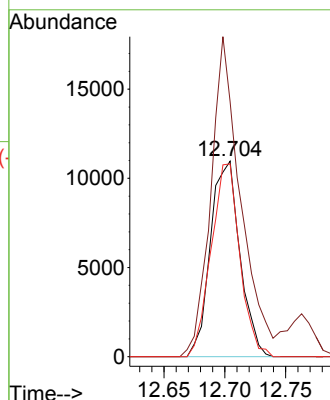
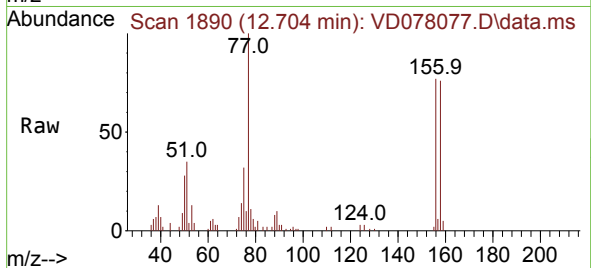
Tgt Ion:156 Resp: 18471

Ion Ratio Lower Upper

156 100

77 164.9 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 10.336 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078077.D

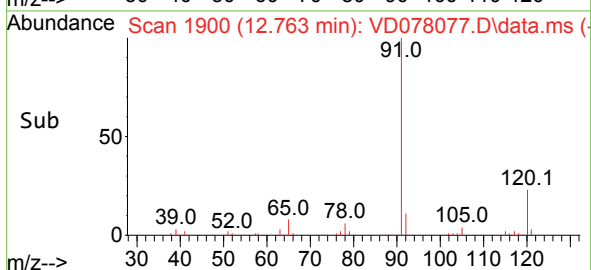
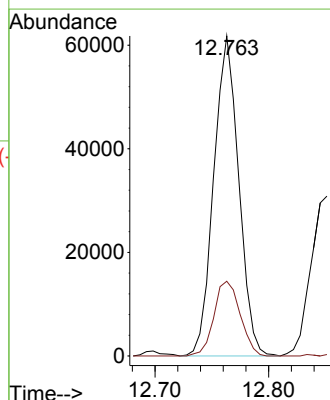
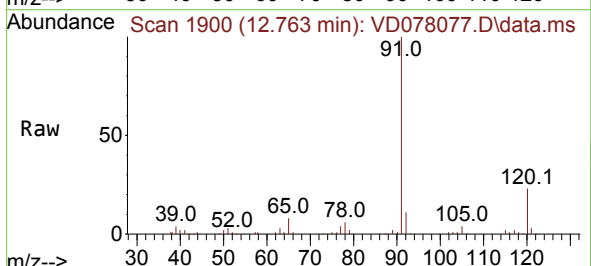
Acq: 26 Dec 2023 12:04

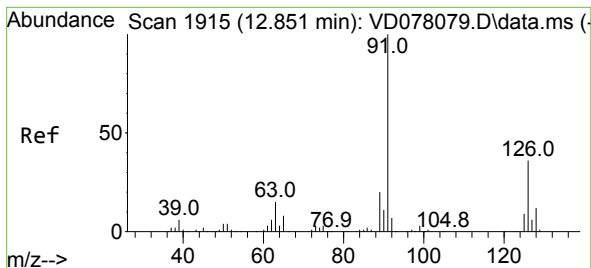
Tgt Ion: 91 Resp: 94321

Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 10.455 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

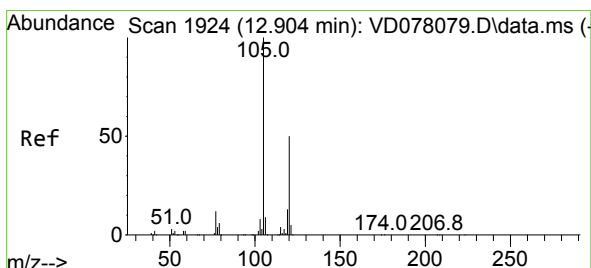
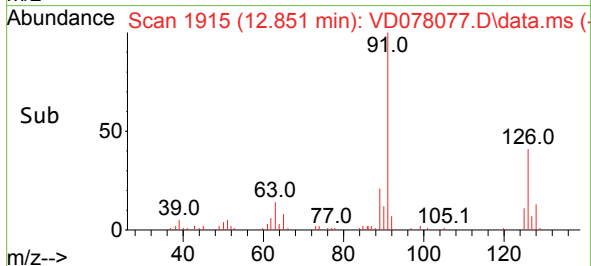
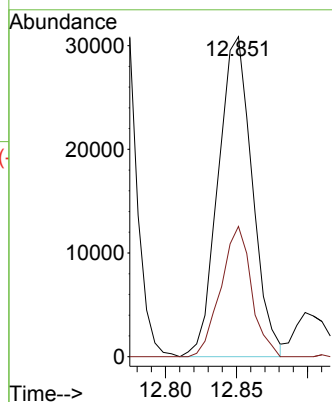
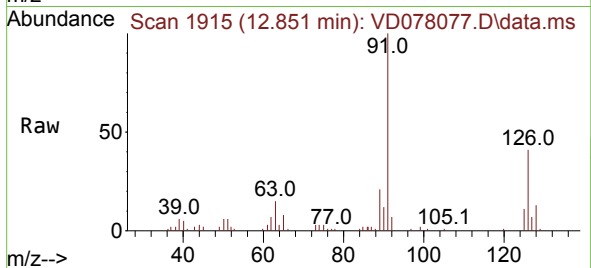
VSTDIC010

Tgt Ion: 91 Resp: 51607

Ion Ratio Lower Upper

91 100

126 36.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 10.260 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078077.D

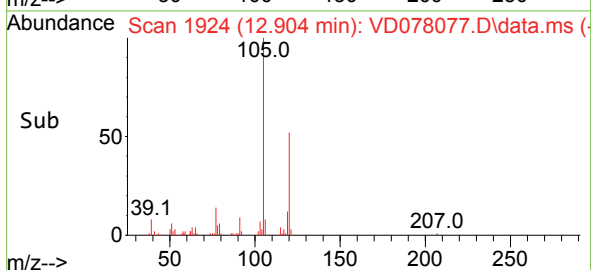
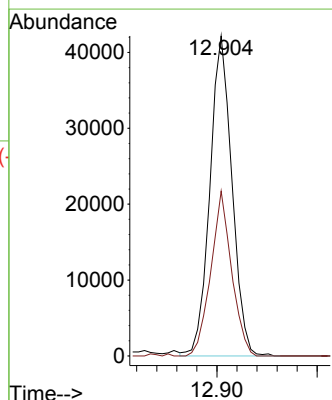
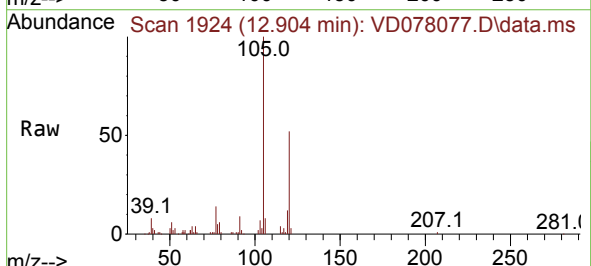
Acq: 26 Dec 2023 12:04

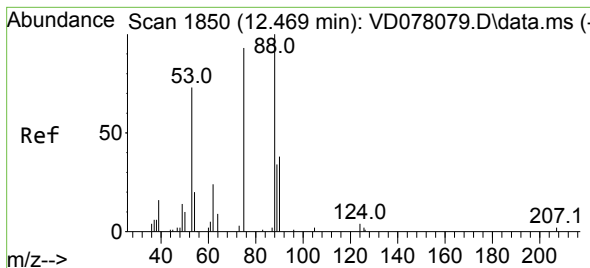
Tgt Ion: 105 Resp: 64335

Ion Ratio Lower Upper

105 100

120 48.6 26.4 79.2

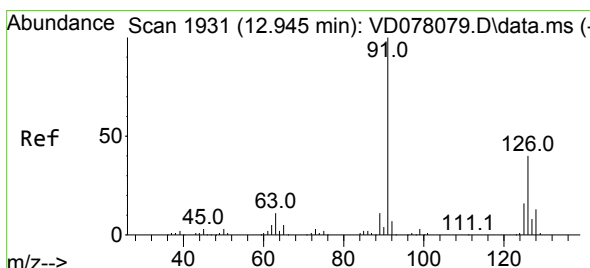
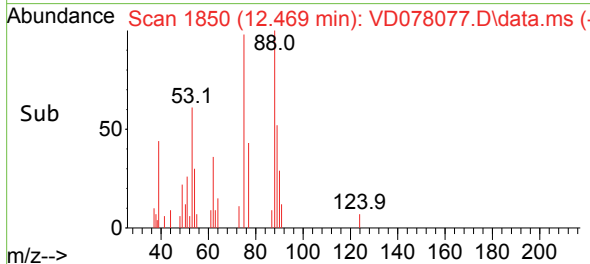
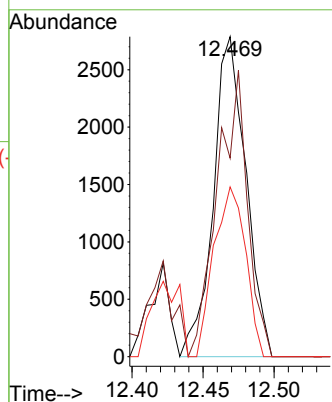
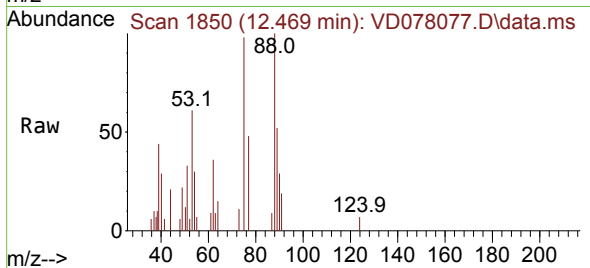




#81
trans-1,4-Dichloro-2-butene
Concen: 10.304 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

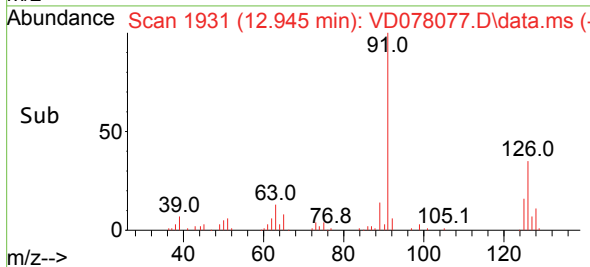
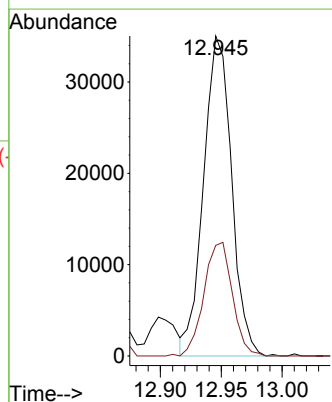
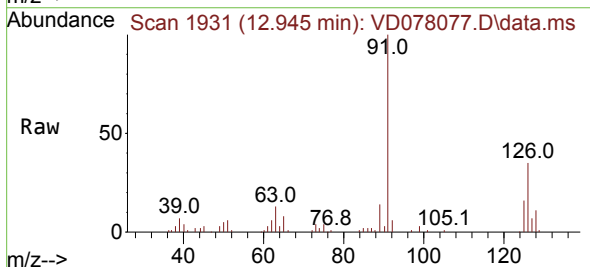
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

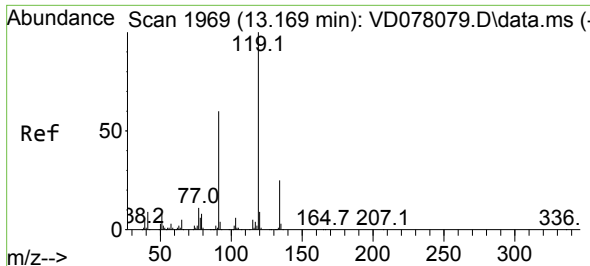
Tgt Ion: 75 Resp: 4441
Ion Ratio Lower Upper
75 100
53 82.9 63.0 94.4
89 51.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 10.606 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 91 Resp: 56129
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4

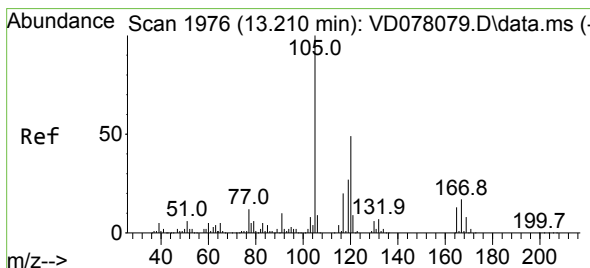
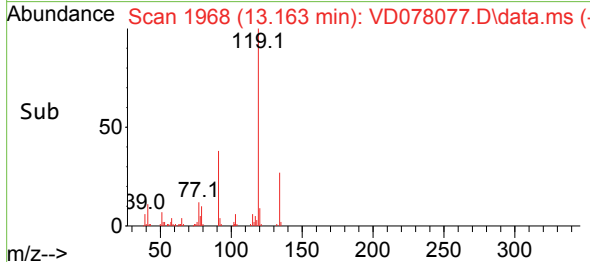
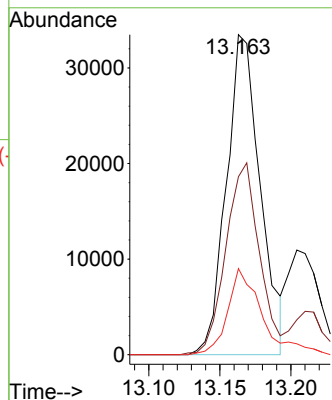
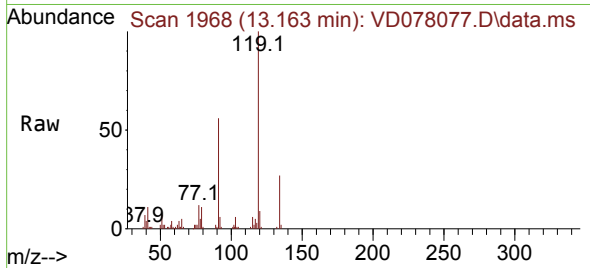




#83
tert-Butylbenzene
Concen: 9.901 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

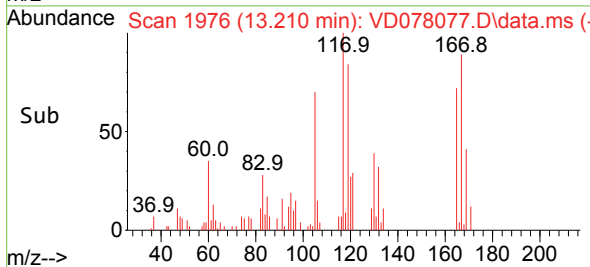
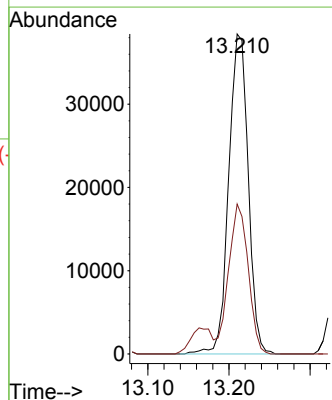
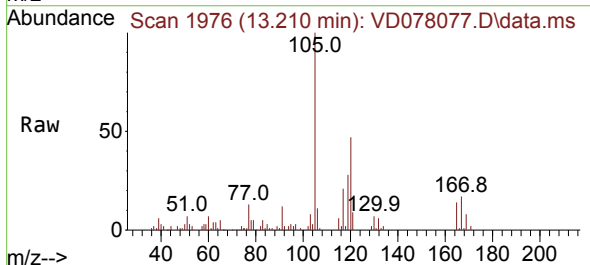
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

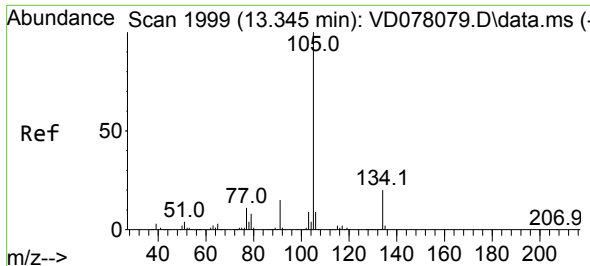
Tgt Ion:119 Resp: 55614
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 27.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 10.005 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:105 Resp: 63902
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9

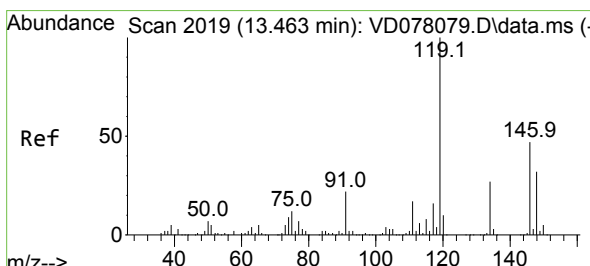
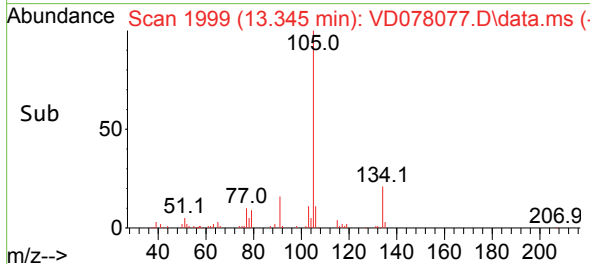
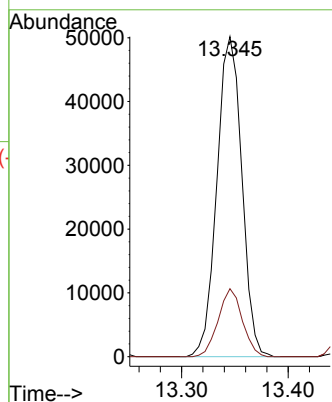
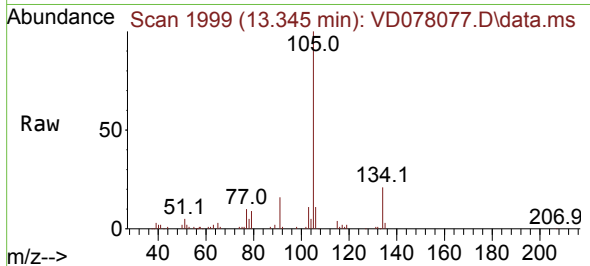




#85
 sec-Butylbenzene
 Concen: 10.141 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078077.D
 Acq: 26 Dec 2023 12:04

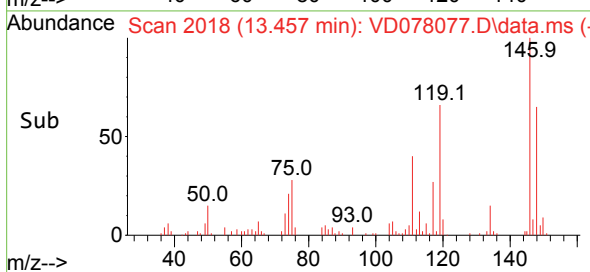
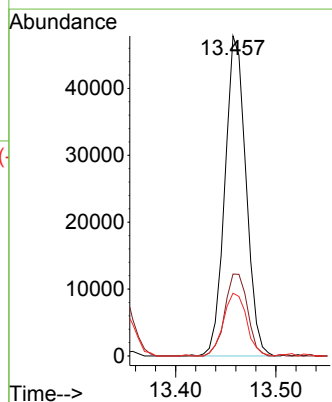
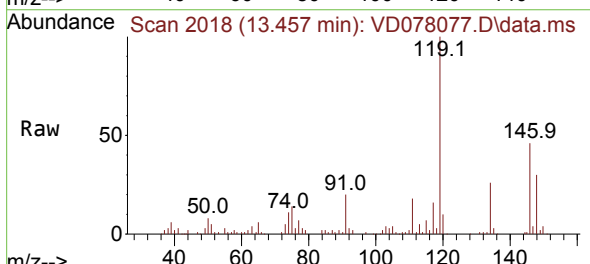
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

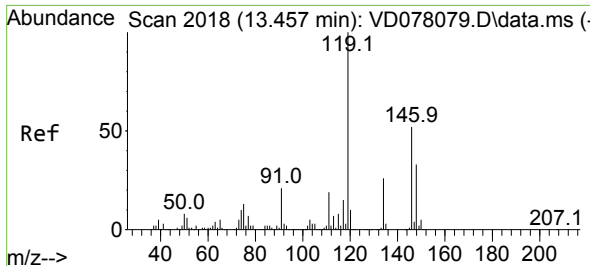
Tgt Ion:105 Resp: 81327
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 9.718 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078077.D
 Acq: 26 Dec 2023 12:04

Tgt Ion:119 Resp: 69749
 Ion Ratio Lower Upper
 119 100
 134 27.5 14.2 42.6
 91 21.6 10.5 31.5

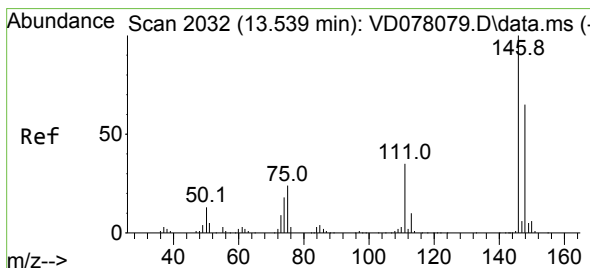
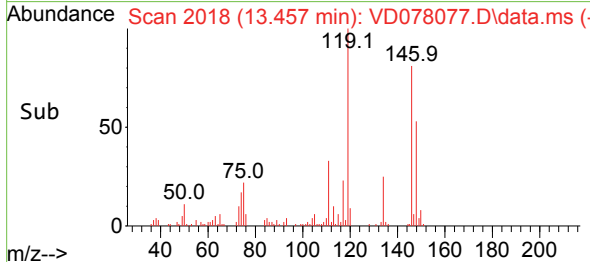
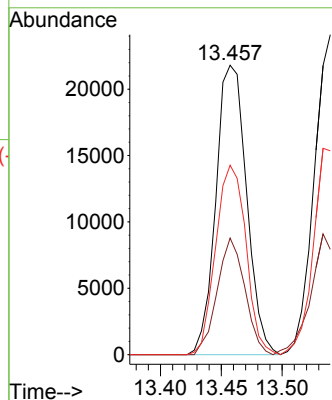
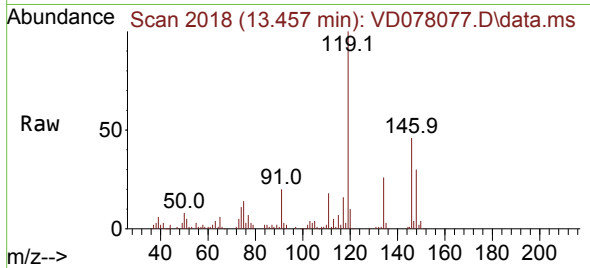




#87
1,3-Dichlorobenzene
Concen: 10.028 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

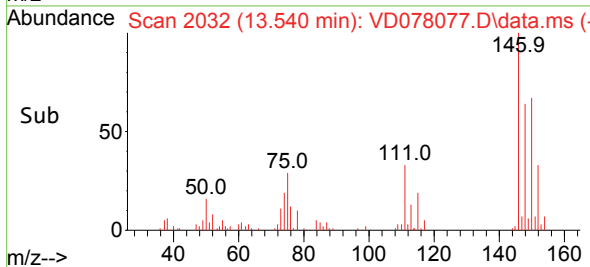
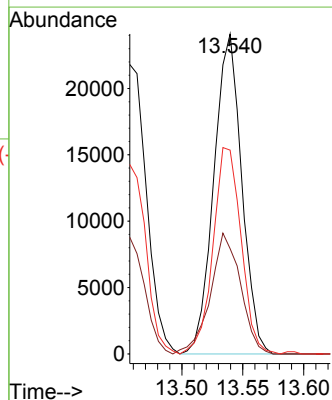
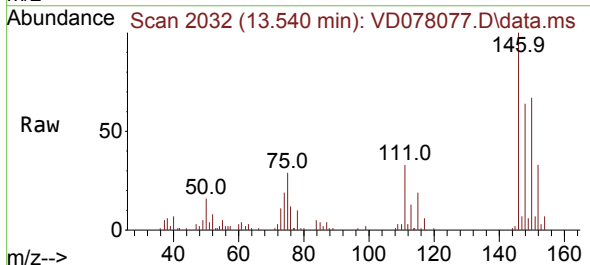
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

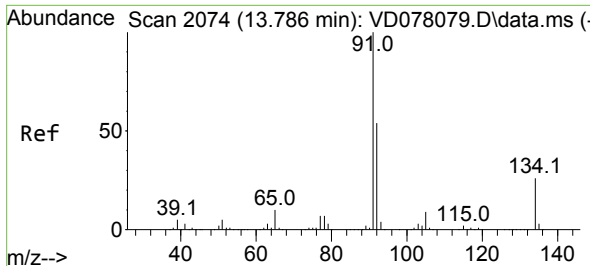
Tgt Ion:146 Resp: 38265
Ion Ratio Lower Upper
146 100
111 36.3 17.9 53.8
148 64.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 10.270 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion:146 Resp: 38436
Ion Ratio Lower Upper
146 100
111 40.7 17.4 52.3
148 64.9 31.7 95.1

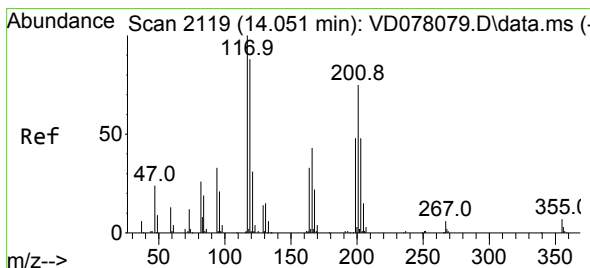
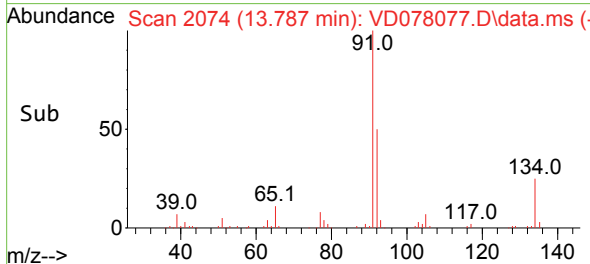
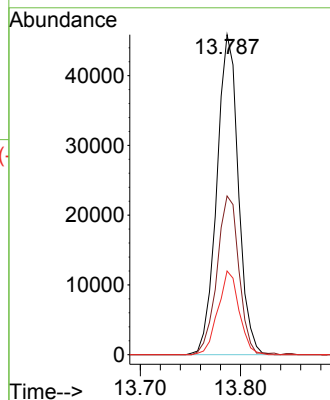
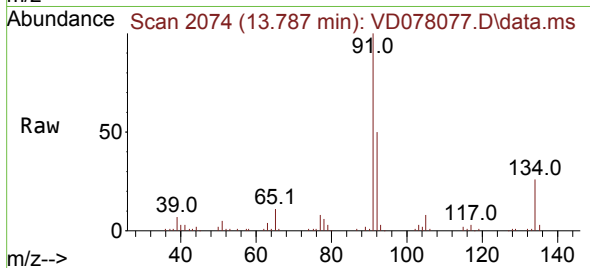




#89
n-Butylbenzene
Concen: 10.388 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

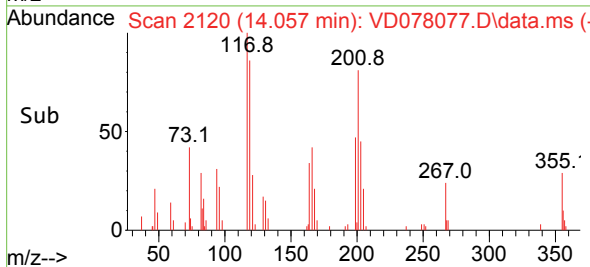
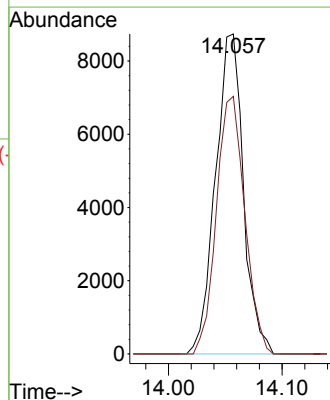
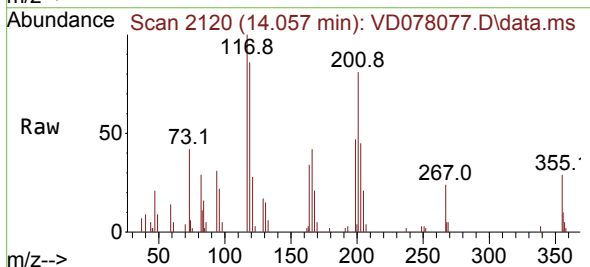
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

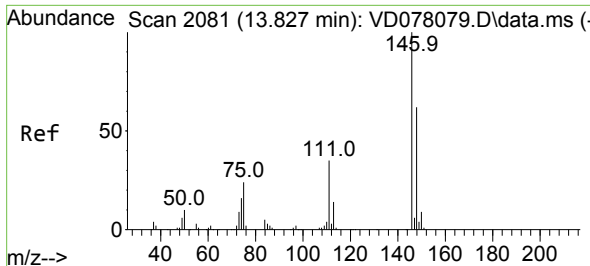
Tgt Ion: 91 Resp: 68435
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 10.383 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 117 Resp: 14898
Ion Ratio Lower Upper
117 100
201 82.0 38.5 115.5

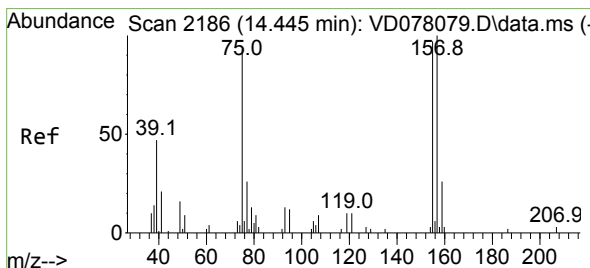
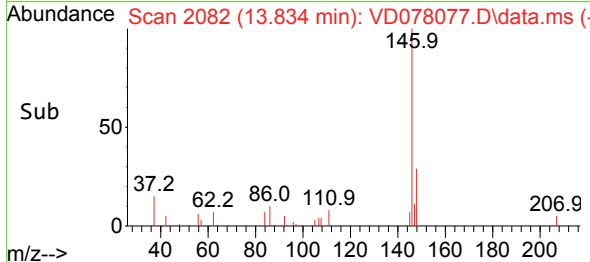
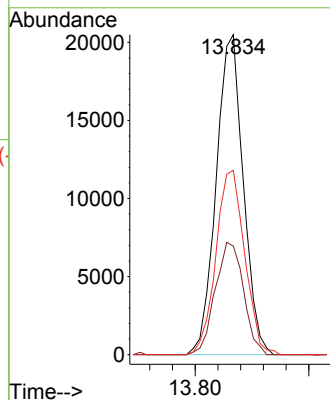
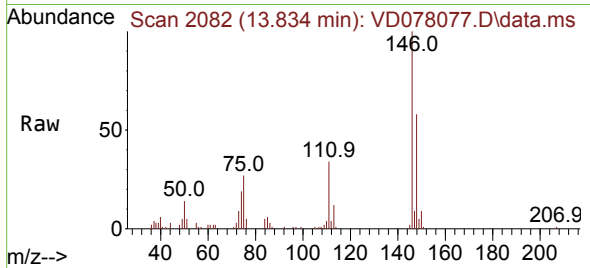




#91
1,2-Dichlorobenzene
Concen: 10.351 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

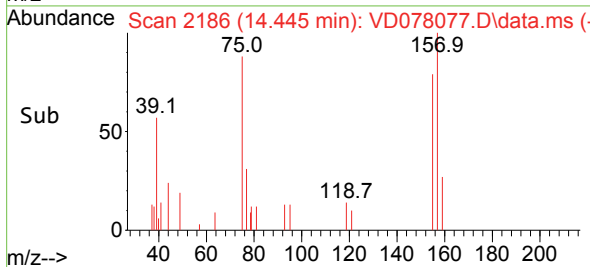
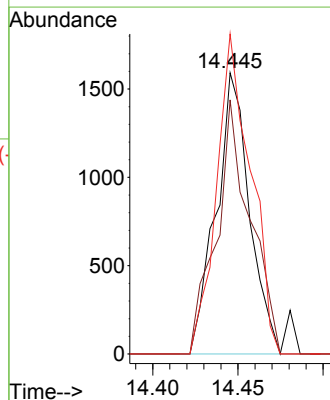
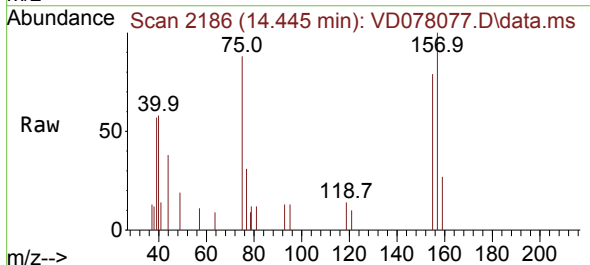
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

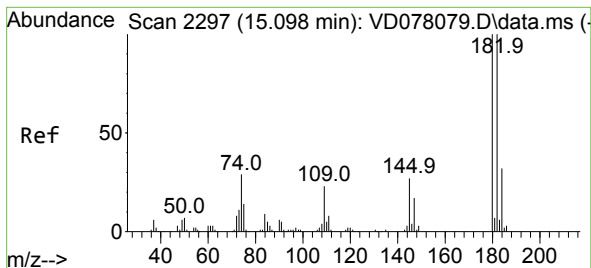
Tgt Ion:146 Resp: 33922
Ion Ratio Lower Upper
146 100
111 36.7 18.3 54.8
148 61.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.239 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078077.D
Acq: 26 Dec 2023 12:04

Tgt Ion: 75 Resp: 2169
Ion Ratio Lower Upper
75 100
155 92.3 47.9 143.8
157 116.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 10.020 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

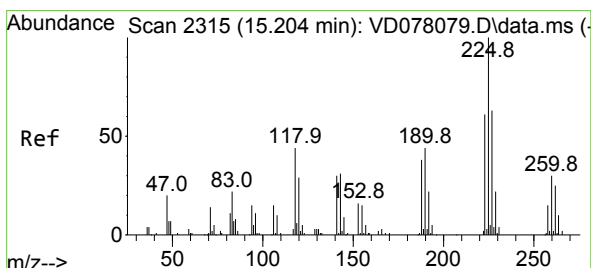
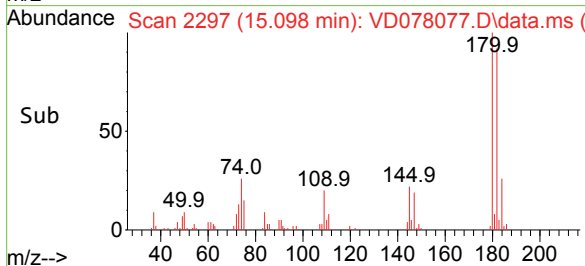
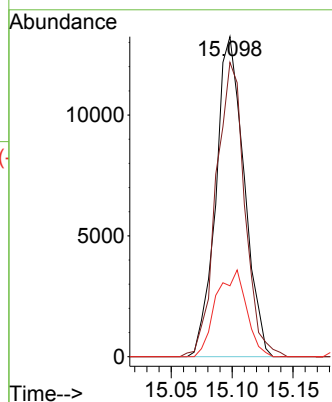
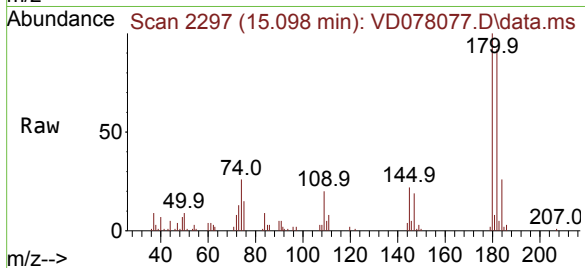
Tgt Ion:180 Resp: 21440

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 9.935 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

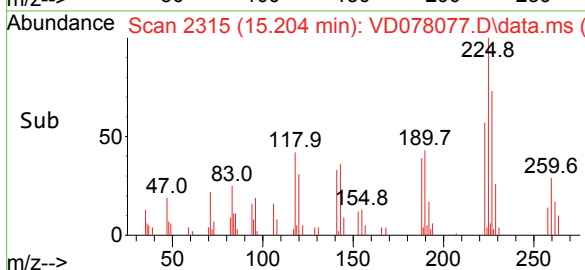
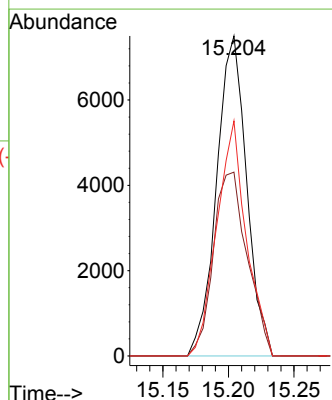
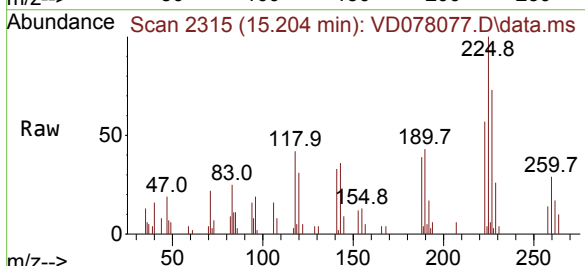
Tgt Ion:225 Resp: 11943

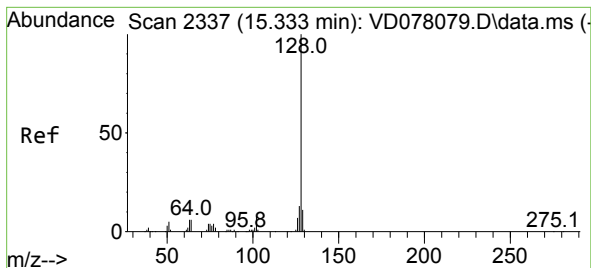
Ion Ratio Lower Upper

225 100

223 64.9 31.6 94.8

227 72.4 31.7 95.1





#95

Naphthalene

Concen: 9.264 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

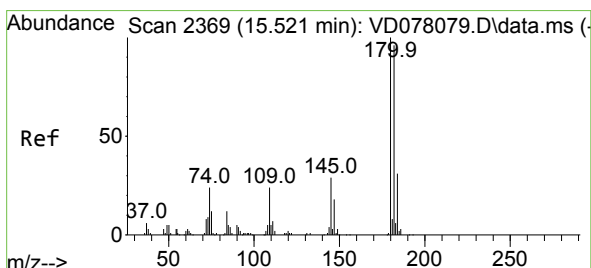
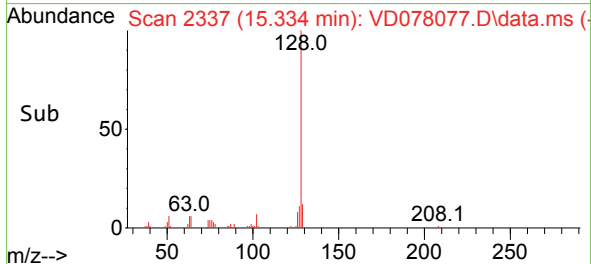
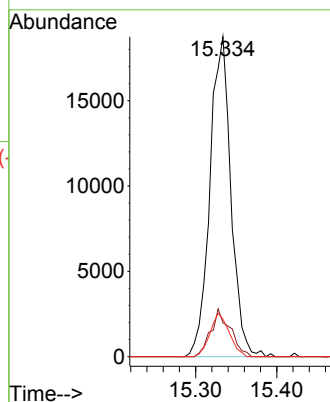
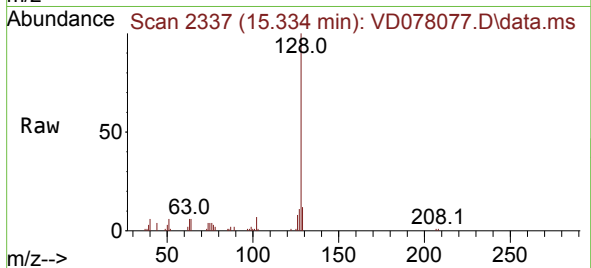
Tgt Ion:128 Resp: 33743

Ion Ratio Lower Upper

128 100

127 10.6 10.5 15.7

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.717 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078077.D

Acq: 26 Dec 2023 12:04

Tgt Ion:180 Resp: 17641

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.9

145 31.7 15.1 45.3

