

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078078.D
 Acq On : 26 Dec 2023 12:31
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 27 02:08:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	265261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	236911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28568	19.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.420%#
35) Dibromofluoromethane	7.811	113	33279	19.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.000%#
50) Toluene-d8	10.269	98	116200	19.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.700%#
62) 4-Bromofluorobenzene	12.575	95	36745	19.016	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	27268	19.531	ug/l	97
3) Chloromethane	2.152	50	36493	18.953	ug/l	98
4) Vinyl Chloride	2.287	62	56131	19.341	ug/l	97
5) Bromomethane	2.693	94	44174	18.983	ug/l	99
6) Chloroethane	2.840	64	42001	19.694	ug/l	98
7) Trichlorofluoromethane	3.181	101	54910	19.657	ug/l	94
8) Diethyl Ether	3.599	74	14394	18.791	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	34364	19.751	ug/l	98
10) Methyl Iodide	4.170	142	29057	17.772	ug/l #	89
11) Tert butyl alcohol	5.052	59	7522	102.161	ug/l	96
12) 1,1-Dichloroethene	3.952	96	28635	18.600	ug/l	85
13) Acrolein	3.805	56	8984	117.681	ug/l	93
14) Allyl chloride	4.564	41	36354	19.537	ug/l	90
15) Acrylonitrile	5.264	53	29542	92.197	ug/l	92
16) Acetone	4.022	43	39398	118.627	ug/l #	81
17) Carbon Disulfide	4.275	76	69275	18.212	ug/l	96
18) Methyl Acetate	4.569	43	19149	16.119	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	62968	18.480	ug/l	99
20) Methylene Chloride	4.805	84	37442	19.113	ug/l	87
21) trans-1,2-Dichloroethene	5.322	96	32516	18.374	ug/l	98
22) Diisopropyl ether	6.222	45	80118	19.276	ug/l	96
23) Vinyl Acetate	6.158	43	157628	81.500	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	58028	18.865	ug/l	96
25) 2-Butanone	7.087	43	44380	108.541	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	51181	18.521	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	38789	18.476	ug/l	92
28) Bromochloromethane	7.428	49	21019	19.100	ug/l	88
29) Tetrahydrofuran	7.452	42	20997	93.576	ug/l	88
30) Chloroform	7.605	83	62937	18.881	ug/l	99
31) Cyclohexane	7.881	56	43453	18.792	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	55763	19.465	ug/l	100
36) 1,1-Dichloropropene	8.011	75	45134	18.794	ug/l	96
37) Ethyl Acetate	7.181	43	13583	17.006	ug/l #	62
38) Carbon Tetrachloride	7.999	117	50066	19.239	ug/l	91
39) Methylcyclohexane	9.281	83	52236	18.972	ug/l	92
40) Benzene	8.258	78	129285	18.678	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	5929	11.721	ug/l #	55
42) 1,2-Dichloroethane	8.328	62	35950	19.219	ug/l	95
43) Isopropyl Acetate	8.363	43	29216	18.271	ug/l #	79
44) Trichloroethene	9.034	130	36232	18.195	ug/l	97
45) 1,2-Dichloropropane	9.310	63	31996	18.243	ug/l	96
46) Dibromomethane	9.393	93	18614	18.949	ug/l	96
47) Bromodichloromethane	9.587	83	47717	18.700	ug/l #	99
48) Methyl methacrylate	9.381	41	16090	17.854	ug/l	83
49) 1,4-Dioxane	9.381	88	3577	385.190	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	78873	96.127	ug/l	91
52) Toluene	10.340	92	82605	18.400	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	42168	18.214	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	51189	18.412	ug/l #	89
55) 1,1,2-Trichloroethane	10.740	97	25667	18.567	ug/l #	92
56) Ethyl methacrylate	10.599	69	19190	17.493	ug/l	89
57) 1,3-Dichloropropane	10.881	76	40900	18.008	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	46840	98.619	ug/l	99
59) 2-Hexanone	10.922	43	62895	98.683	ug/l	93
60) Dibromochloromethane	11.075	129	32570	18.495	ug/l	97
61) 1,2-Dibromoethane	11.181	107	24045	18.143	ug/l	97
64) Tetrachloroethene	10.810	164	29619	18.502	ug/l	96
65) Chlorobenzene	11.610	112	93574	18.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	34586	18.156	ug/l	98
67) Ethyl Benzene	11.687	91	164010	18.692	ug/l	96
68) m/p-Xylenes	11.793	106	126168	36.946	ug/l	95
69) o-Xylene	12.128	106	58853	18.491	ug/l	100
70) Styrene	12.134	104	86993	18.512	ug/l	95
71) Bromoform	12.299	173	19032	18.109	ug/l #	100
73) Isopropylbenzene	12.422	105	155062	18.802	ug/l	99
74) N-amyl acetate	12.234	43	26242	19.168	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	28522	19.029	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	35449	36.648	ug/l #	100
77) Bromobenzene	12.704	156	38320	19.100	ug/l	94
78) n-propylbenzene	12.763	91	188303	18.969	ug/l	98
79) 2-Chlorotoluene	12.851	91	102595	19.108	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	127749	18.728	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	8741	18.645	ug/l	94
82) 4-Chlorotoluene	12.946	91	107115	18.607	ug/l	95
83) tert-Butylbenzene	13.169	119	113921	18.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	126406	18.194	ug/l	98
85) sec-Butylbenzene	13.345	105	166566	19.094	ug/l	99
86) p-Isopropyltoluene	13.463	119	146866	18.812	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	74733	18.004	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	75599	18.570	ug/l	95
89) n-Butylbenzene	13.787	91	136066	18.988	ug/l	99
90) Hexachloroethane	14.051	117	29937	19.181	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	64803	18.178	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3618	17.235	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	40700	17.487	ug/l	98
94) Hexachlorobutadiene	15.198	225	24223	18.524	ug/l	99
95) Naphthalene	15.328	128	69222	17.470	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	36176	18.318	ug/l	97

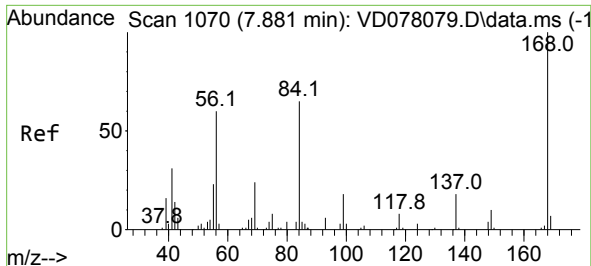
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 02:01:18 2023
Response via : Initial Calibration

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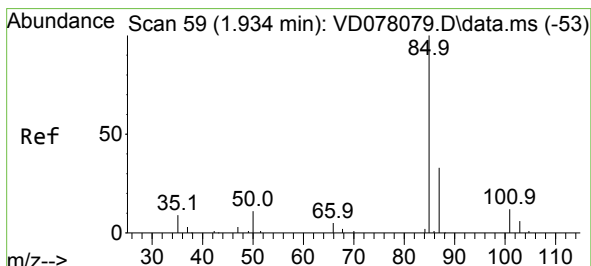
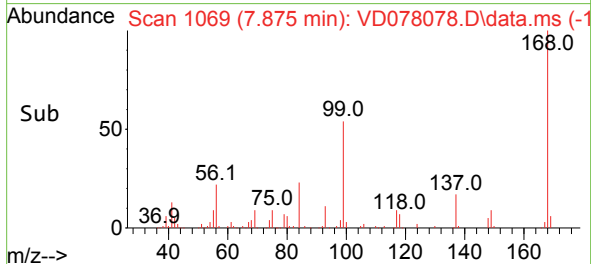
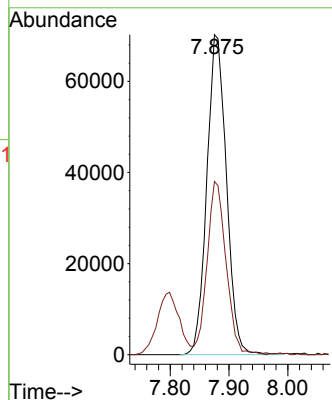
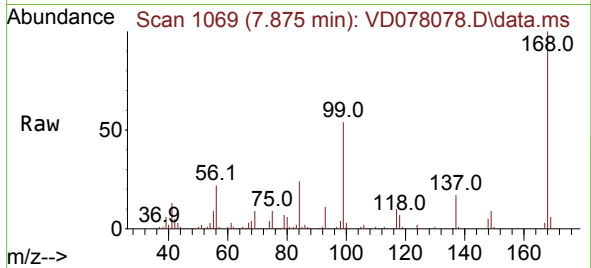
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

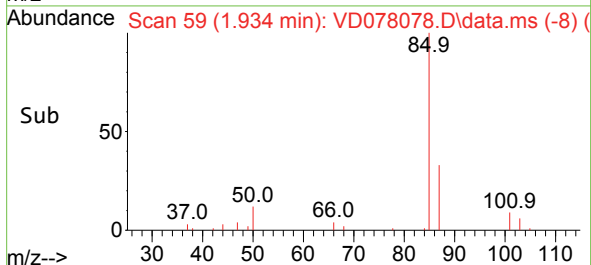
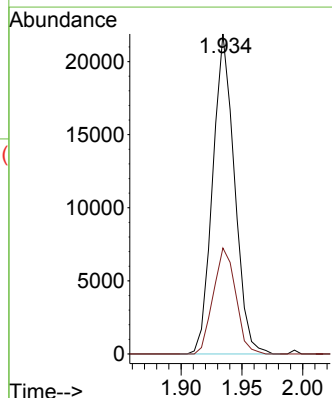
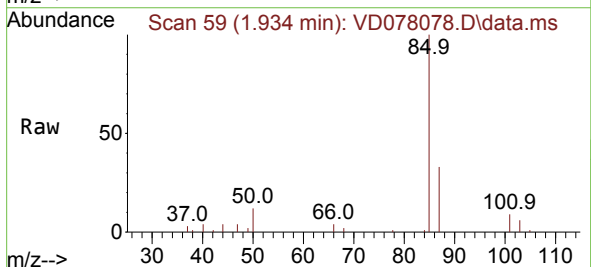
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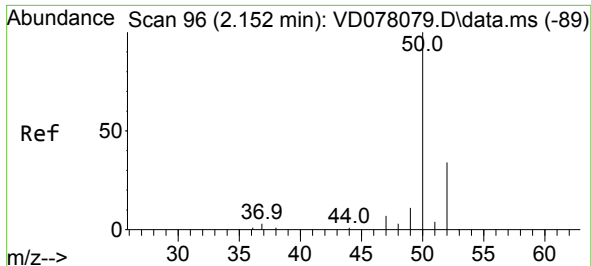
Tgt Ion:168 Resp: 162906
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 19.531 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 85 Resp: 27268
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

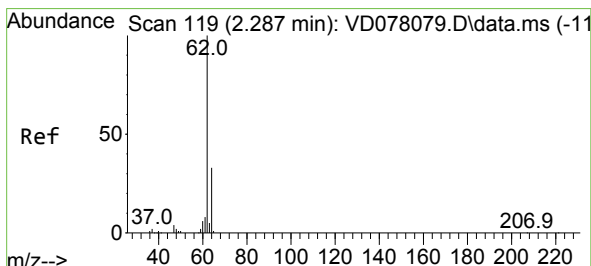
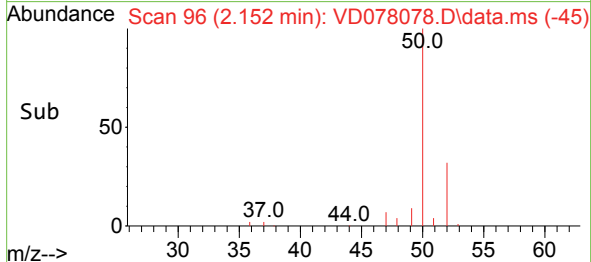
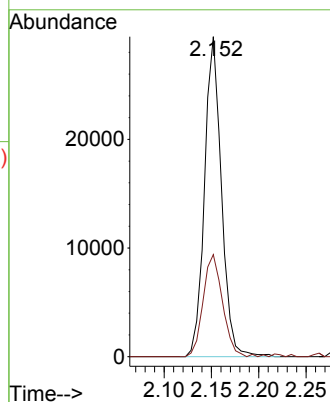
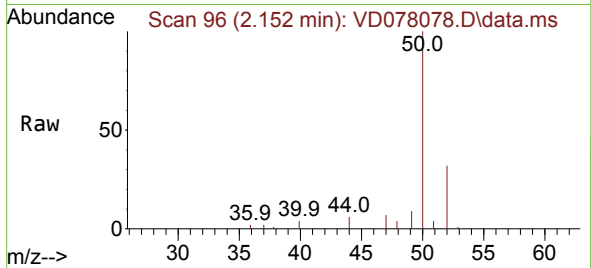




#3
Chloromethane
Concen: 18.953 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

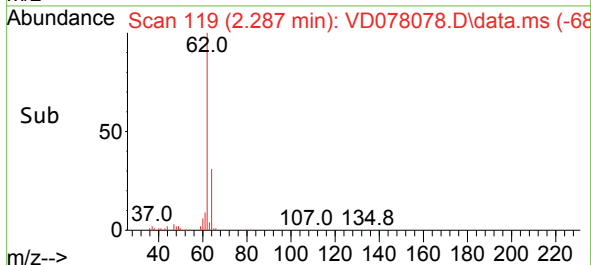
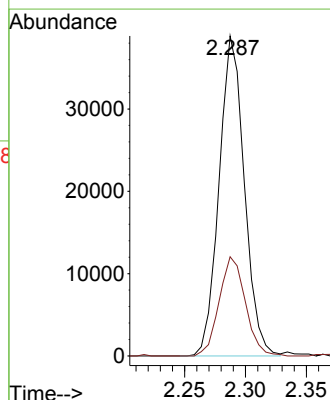
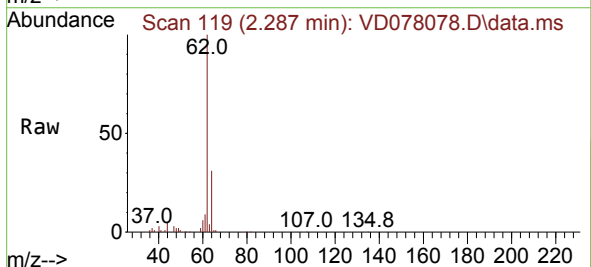
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ClientSampleId :
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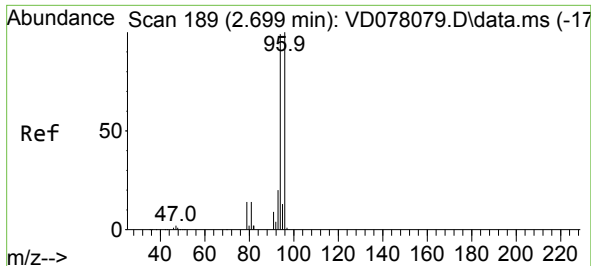
Tgt Ion: 50 Resp: 36493
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 19.341 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 62 Resp: 56131
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

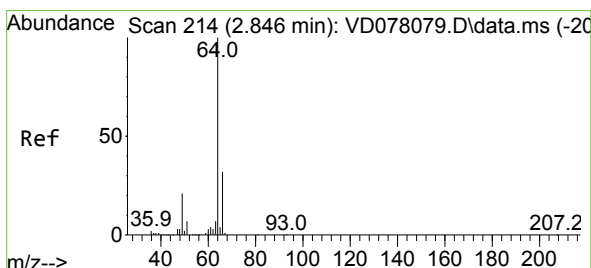
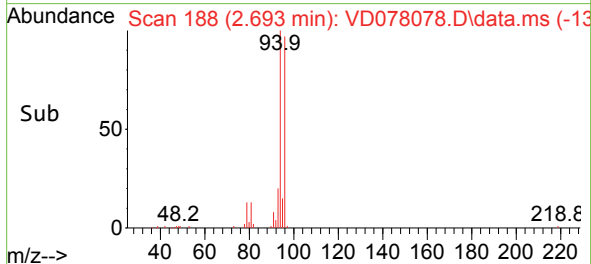
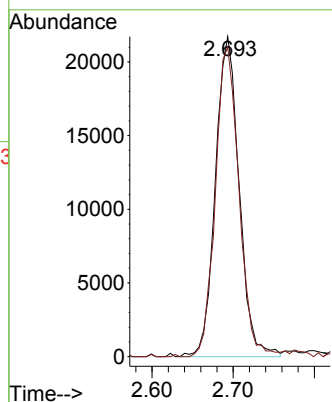
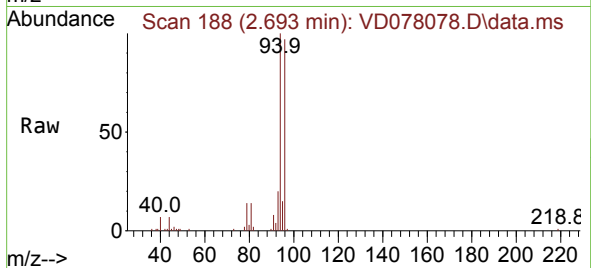




#5
Bromomethane
Concen: 18.983 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

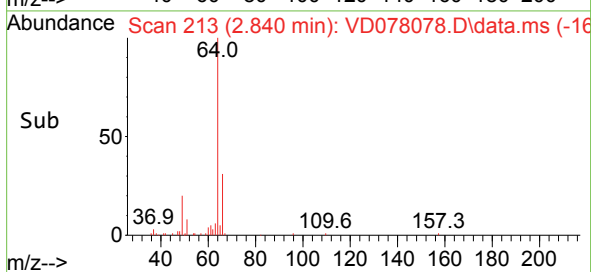
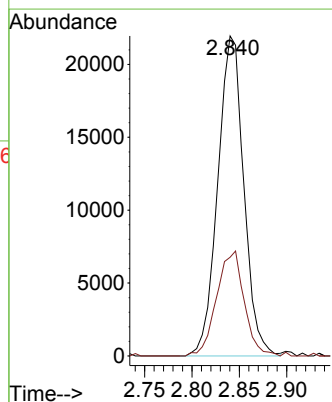
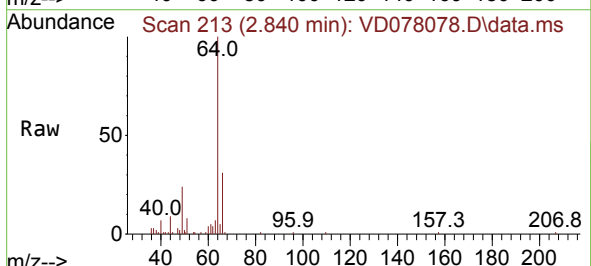
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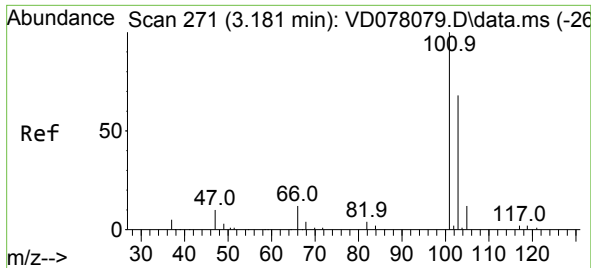
Tgt Ion: 94 Resp: 44174
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.8



#6
Chloroethane
Concen: 19.694 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.005 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 64 Resp: 42001
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3

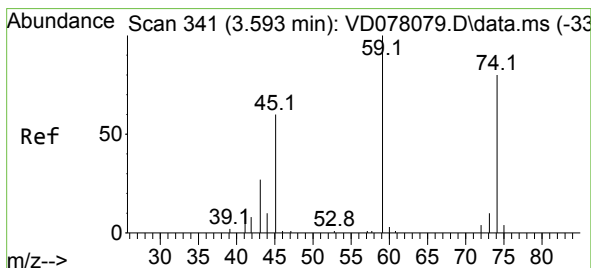
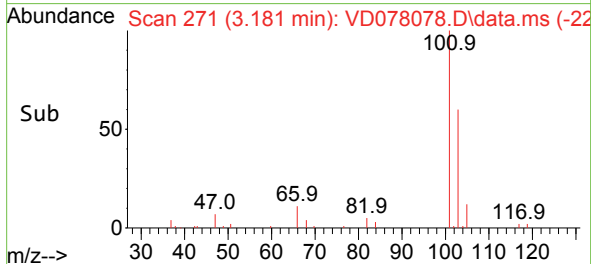
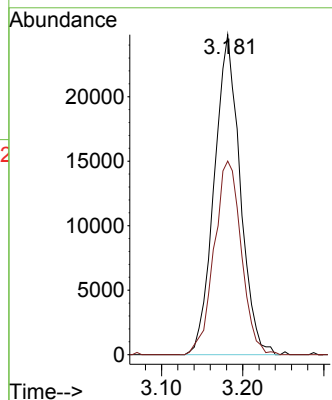
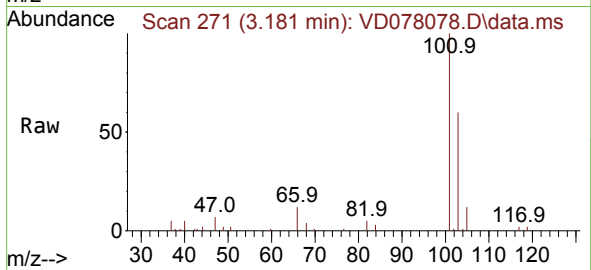




#7
 Trichlorofluoromethane
 Concen: 19.657 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078078.D
 Acq: 26 Dec 2023 12:31

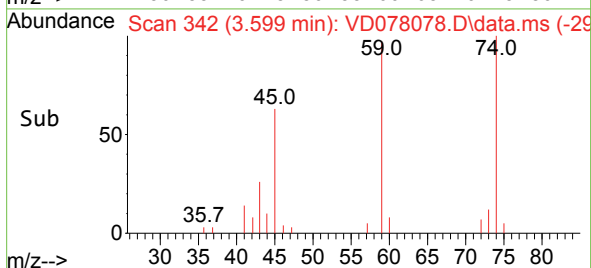
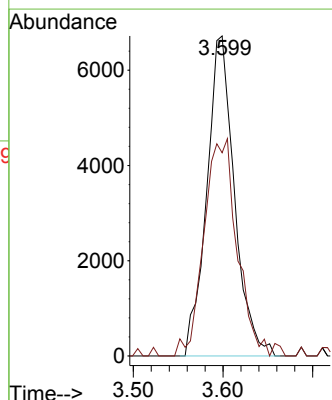
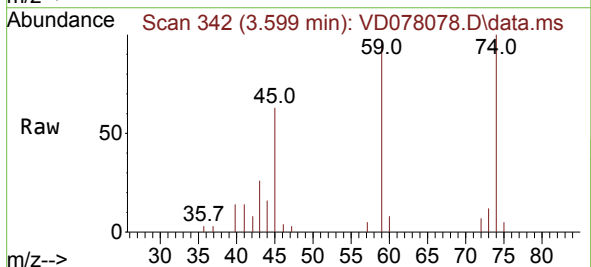
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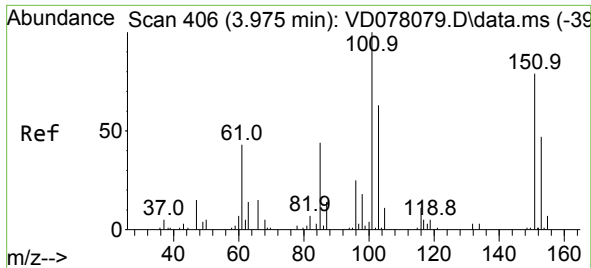
Tgt Ion:101 Resp: 54910
 Ion Ratio Lower Upper
 101 100
 103 60.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.791 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078078.D
 Acq: 26 Dec 2023 12:31

Tgt Ion: 74 Resp: 14394
 Ion Ratio Lower Upper
 74 100
 45 80.8 37.5 112.7

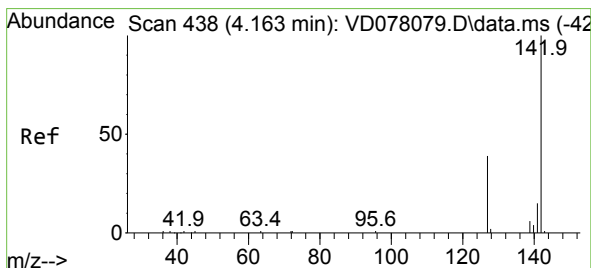
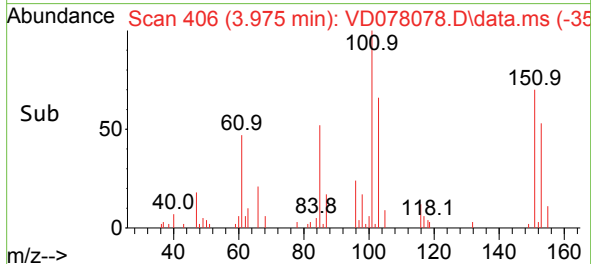
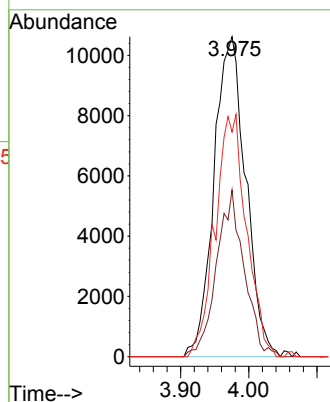
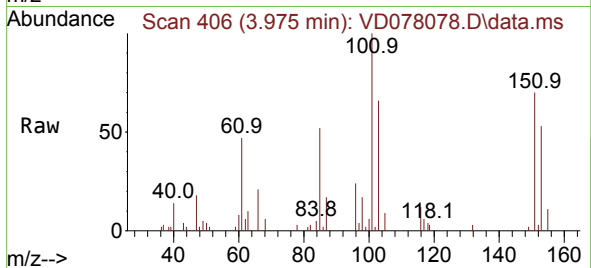




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.751 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078078.D
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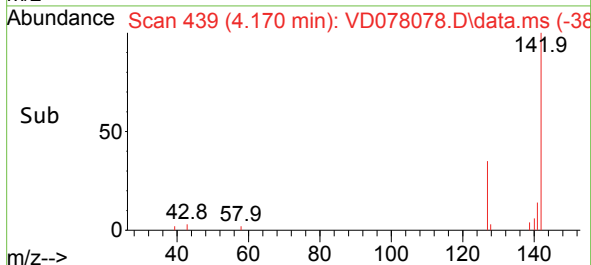
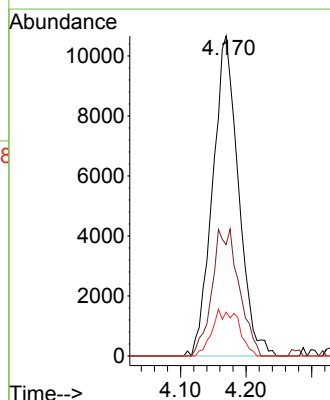
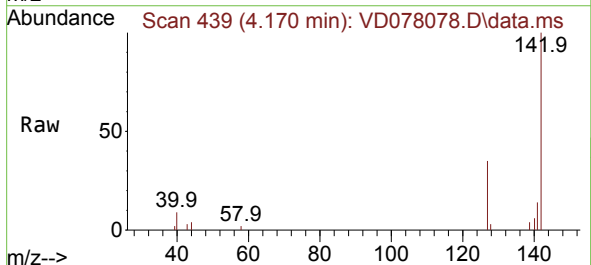
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

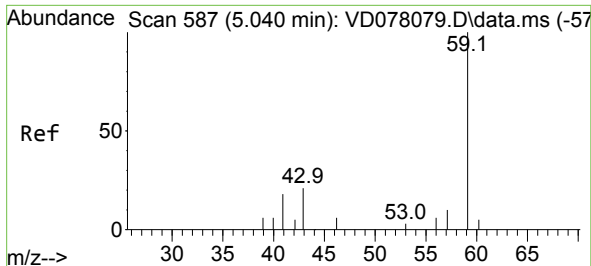
Tgt Ion:101 Resp: 34364
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 74.8 59.8 89.6



#10
Methyl Iodide
Concen: 17.772 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:142 Resp: 29057
Ion Ratio Lower Upper
142 100
127 41.6 29.4 44.0
141 6.6 11.1 16.7#

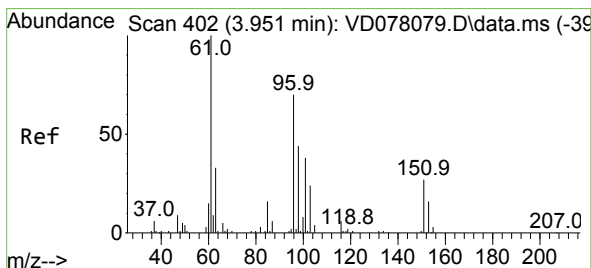
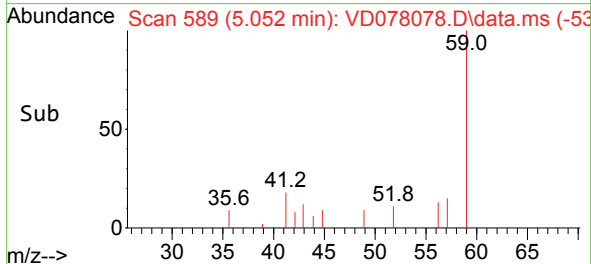
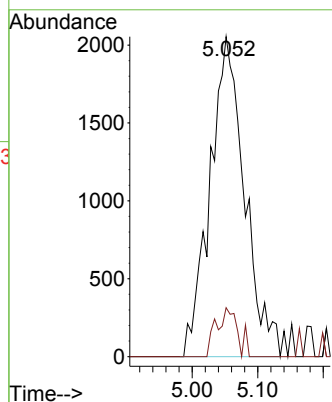
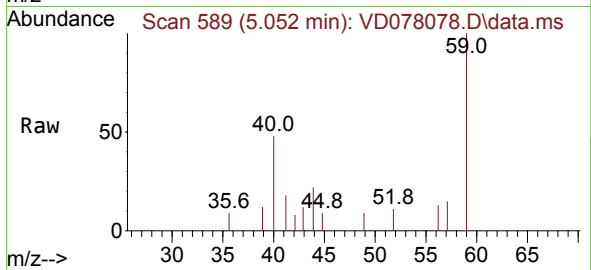




#11
Tert butyl alcohol
Concen: 102.161 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.012 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

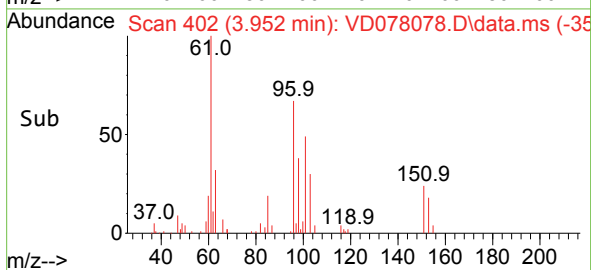
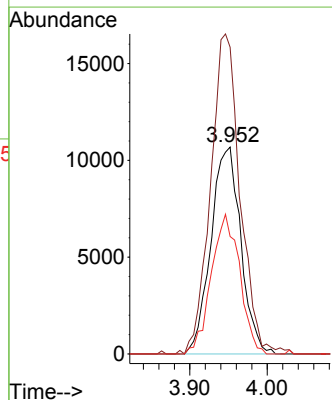
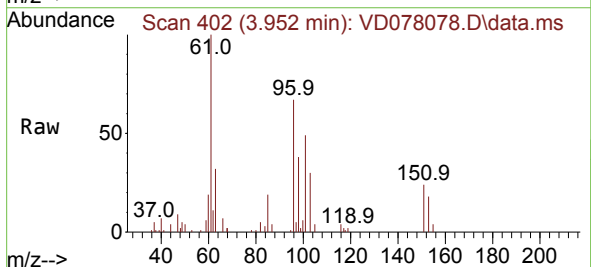
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

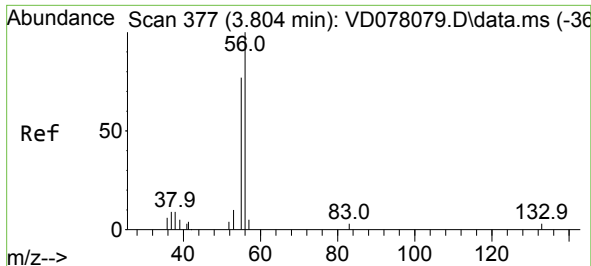
Tgt Ion: 59 Resp: 7522
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.600 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 96 Resp: 28635
Ion Ratio Lower Upper
96 100
61 146.6 100.6 150.8
98 56.8 50.2 75.2

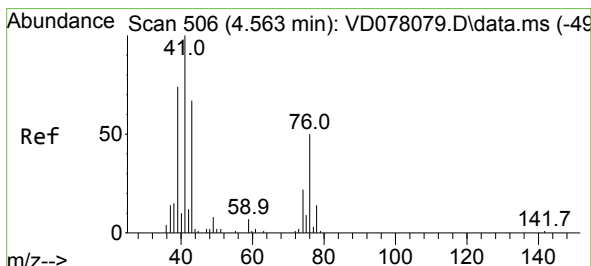
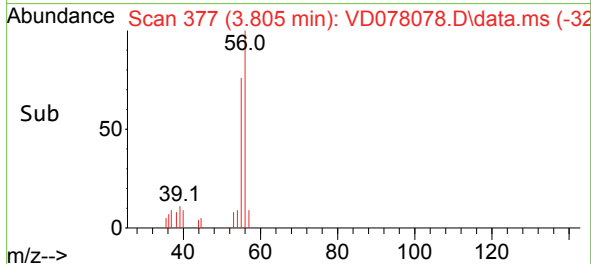
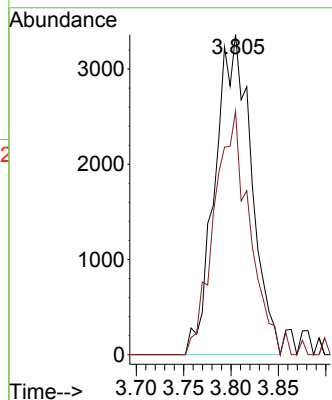
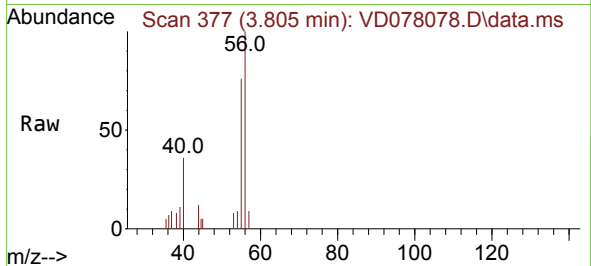




#13
Acrolein
Concen: 117.681 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

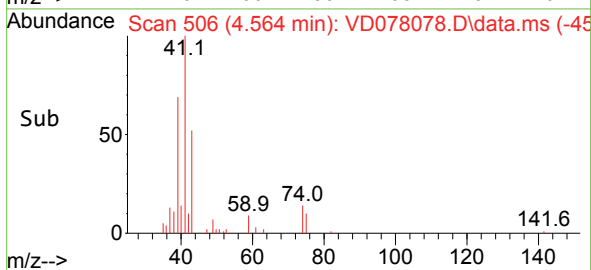
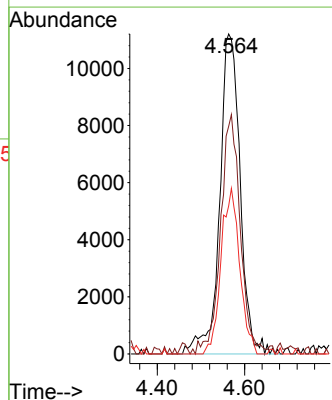
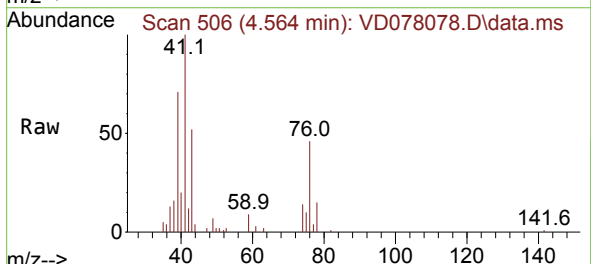
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

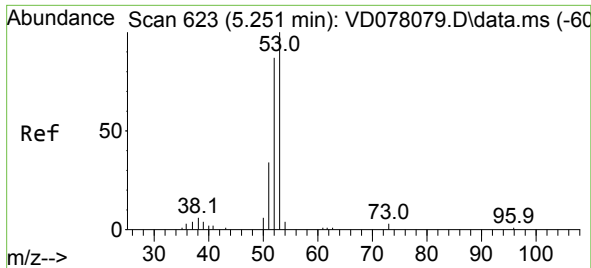
Tgt Ion: 56 Resp: 8984
Ion Ratio Lower Upper
56 100
55 74.4 55.1 82.7



#14
Allyl chloride
Concen: 19.537 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 41 Resp: 36354
Ion Ratio Lower Upper
41 100
39 72.4 53.8 80.6
76 47.2 45.8 68.8

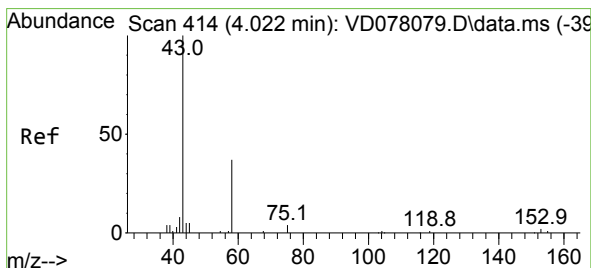
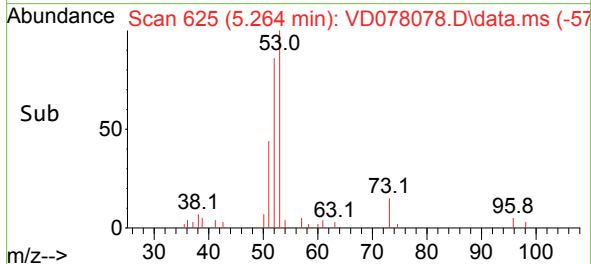
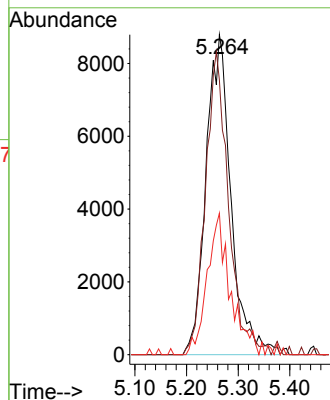
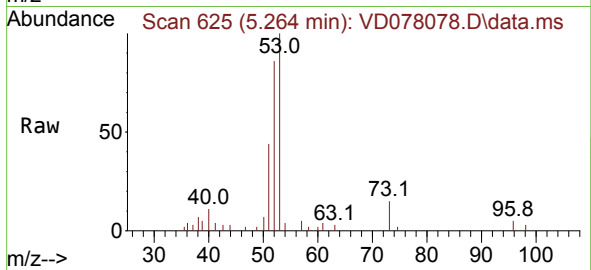




#15
Acrylonitrile
Concen: 92.197 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

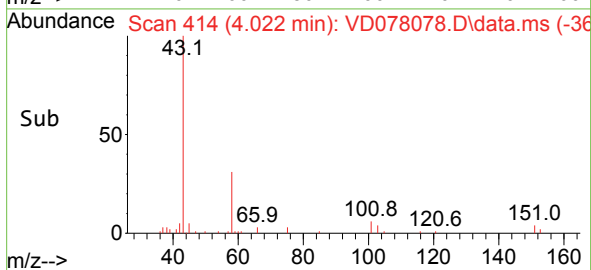
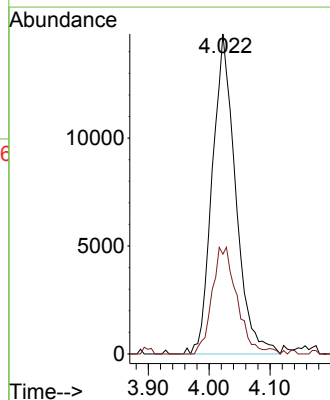
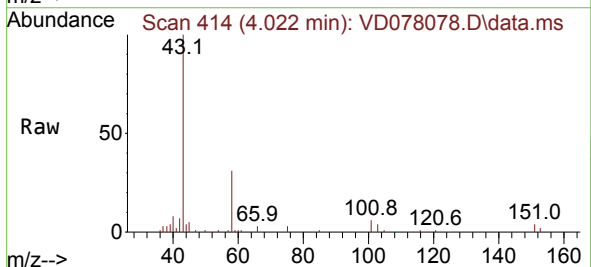
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

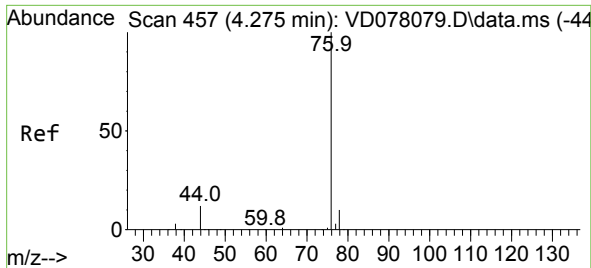
Tgt Ion:	53	Resp:	29542
Ion	Ratio	Lower	Upper
53	100		
52	87.5	65.0	97.4
51	40.6	28.3	42.5



#16
Acetone
Concen: 118.627 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:	43	Resp:	39398
Ion	Ratio	Lower	Upper
43	100		
58	31.2	34.7	52.1#

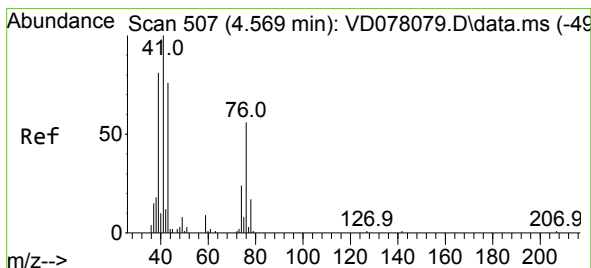
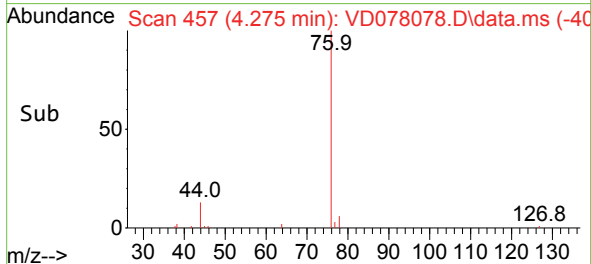
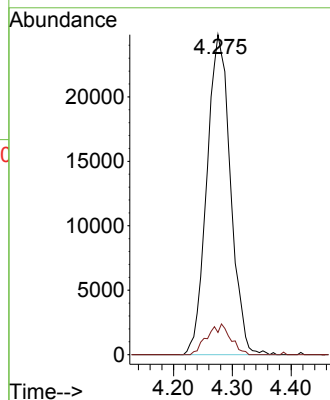
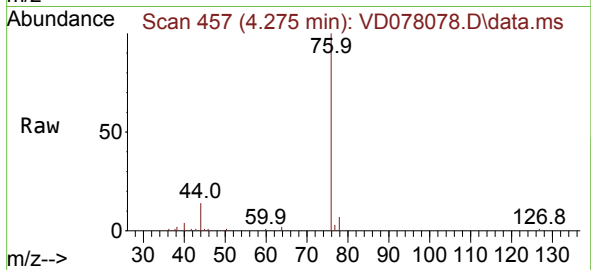




#17
Carbon Disulfide
Concen: 18.212 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

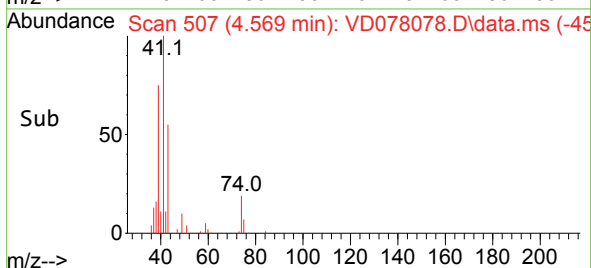
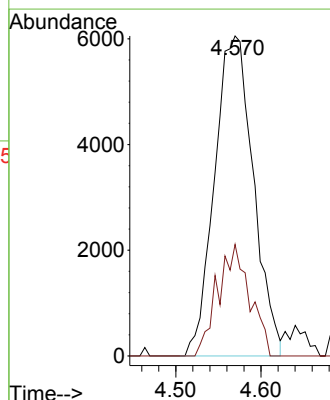
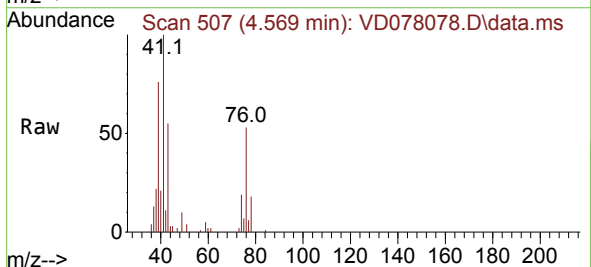
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

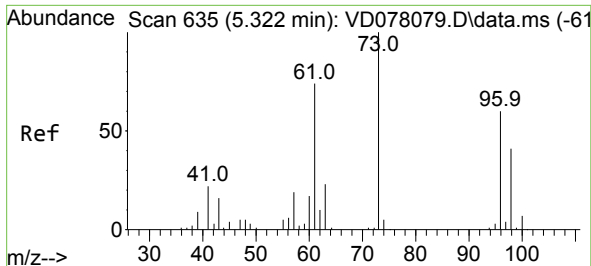
Tgt Ion: 76 Resp: 69275
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2



#18
Methyl Acetate
Concen: 16.119 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 43 Resp: 19149
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6

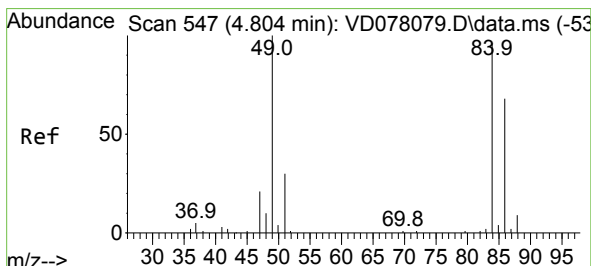
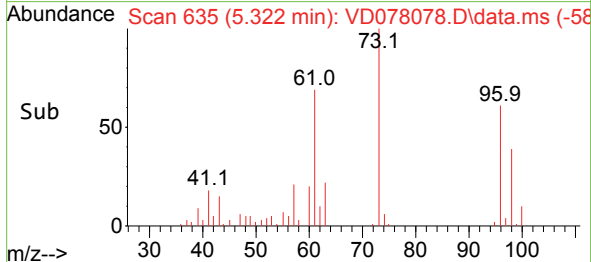
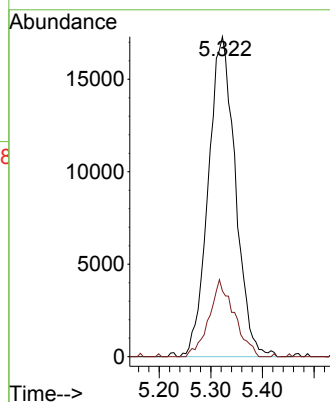
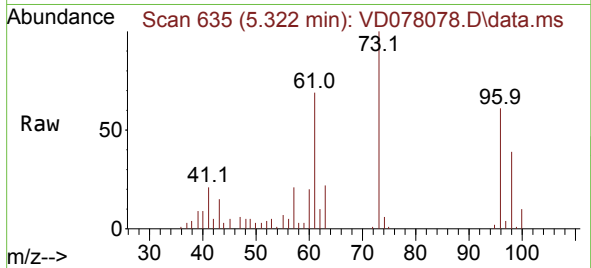




#19
Methyl tert-butyl Ether
Concen: 18.480 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

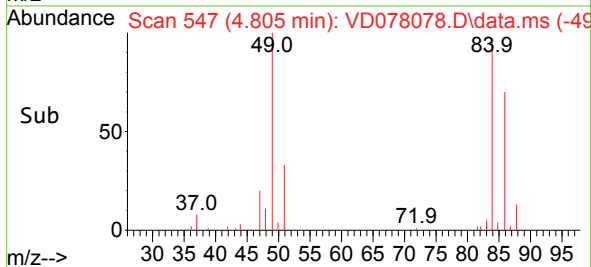
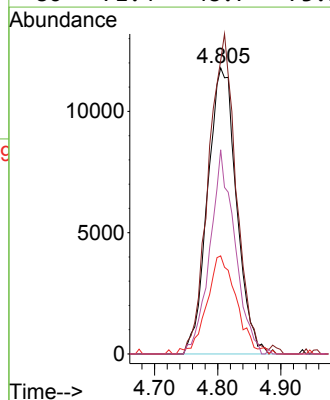
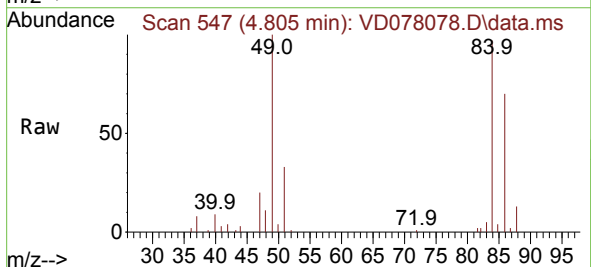
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

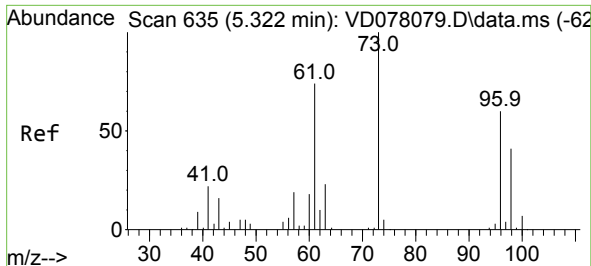
Tgt Ion: 73 Resp: 62968
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0



#20
Methylene Chloride
Concen: 19.113 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 84 Resp: 37442
Ion Ratio Lower Upper
84 100
49 102.6 71.4 107.2
51 34.3 24.5 36.7
86 71.4 48.7 73.1

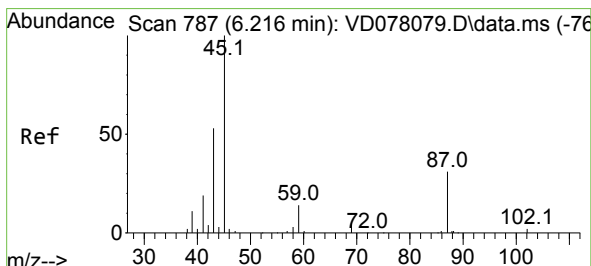
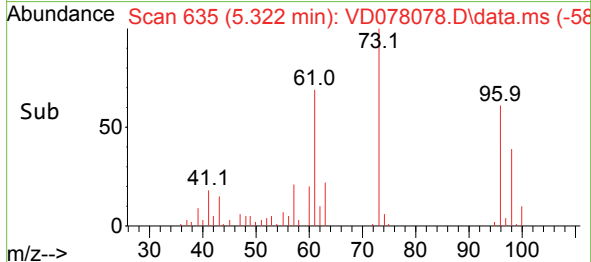
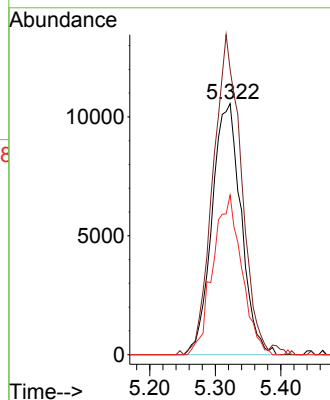
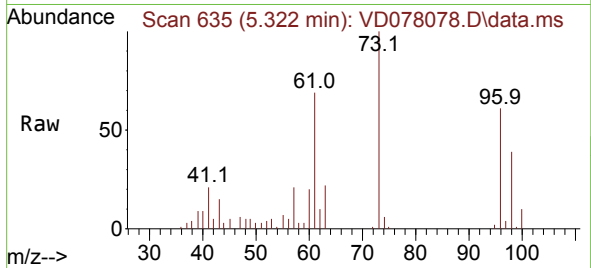




#21
trans-1,2-Dichloroethene
Concen: 18.374 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

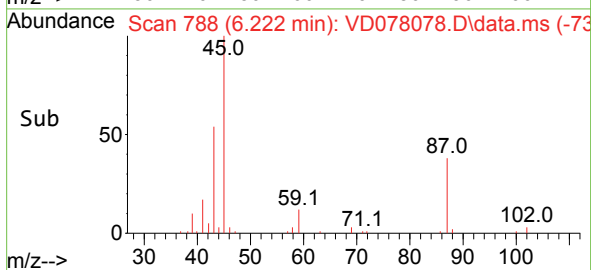
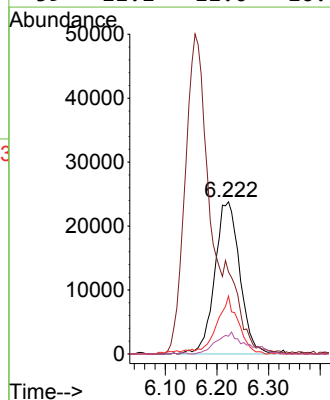
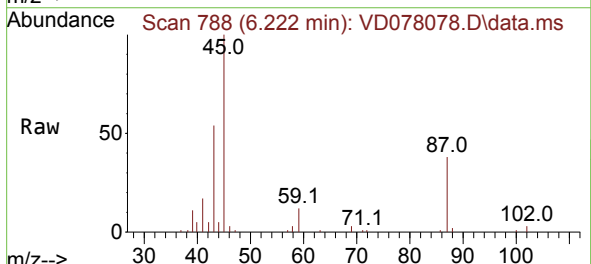
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

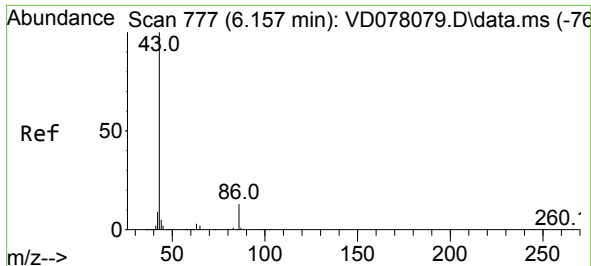
Tgt Ion: 96 Resp: 32516
Ion Ratio Lower Upper
96 100
61 112.1 89.3 133.9
98 63.6 48.6 73.0



#22
Diisopropyl ether
Concen: 19.276 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 45 Resp: 80118
Ion Ratio Lower Upper
45 100
43 51.9 40.0 60.0
87 38.1 28.2 42.4
59 11.1 11.0 16.4

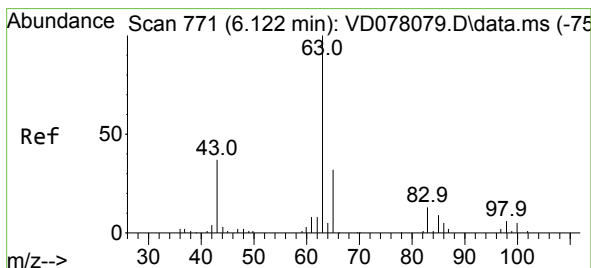
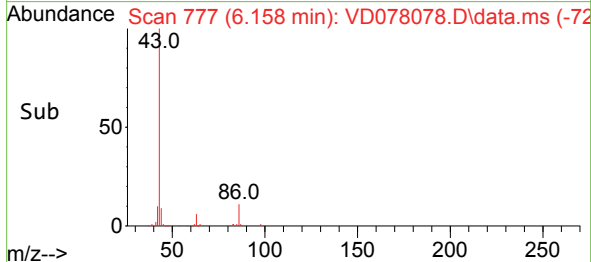
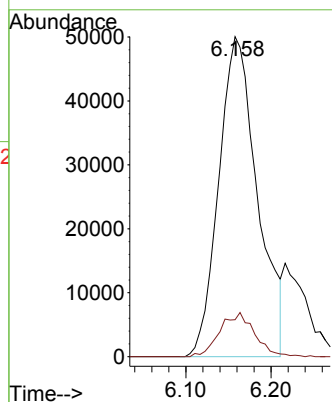
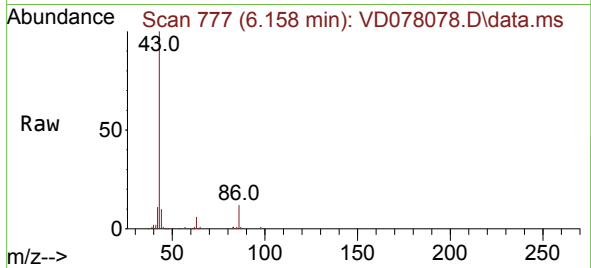




#23
 Vinyl Acetate
 Concen: 81.500 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078078.D
 Acq: 26 Dec 2023 12:31

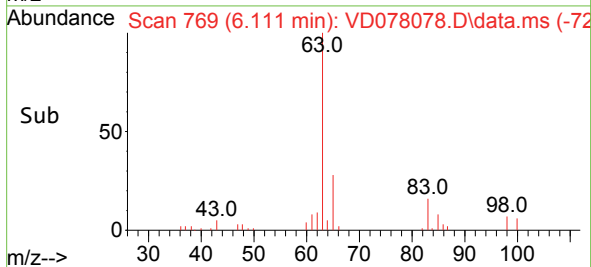
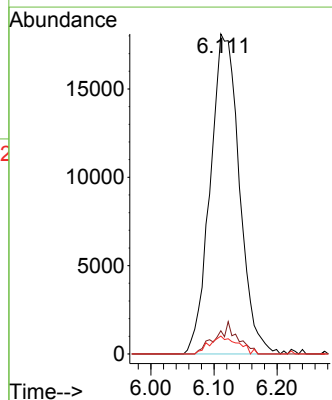
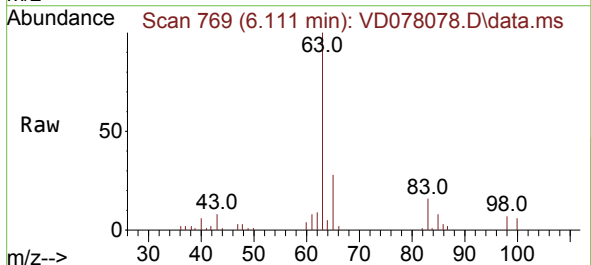
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

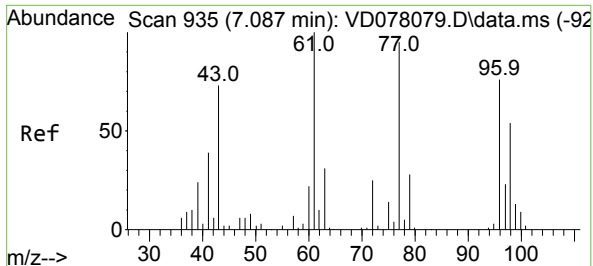
Tgt Ion: 43 Resp: 157628
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.865 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.011 min
 Lab File: VD078078.D
 Acq: 26 Dec 2023 12:31

Tgt Ion: 63 Resp: 58028
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.6 2.5 7.5

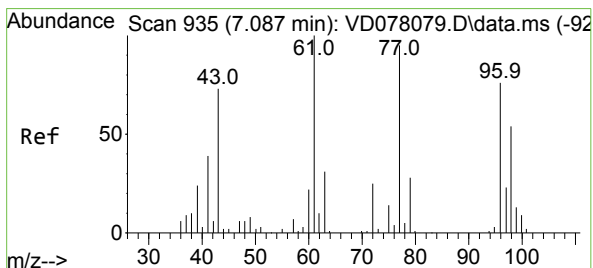
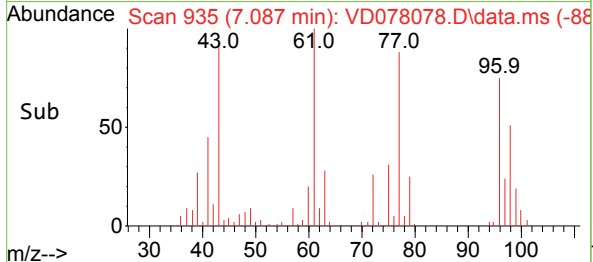
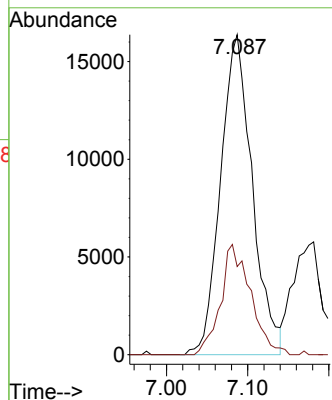
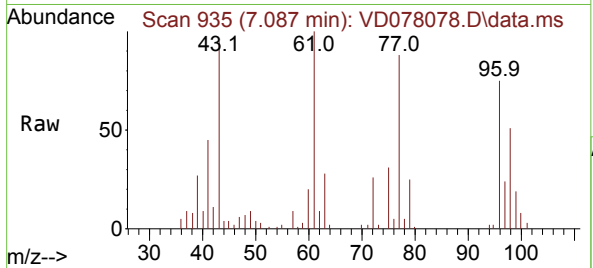




#25
2-Butanone
Concen: 108.541 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

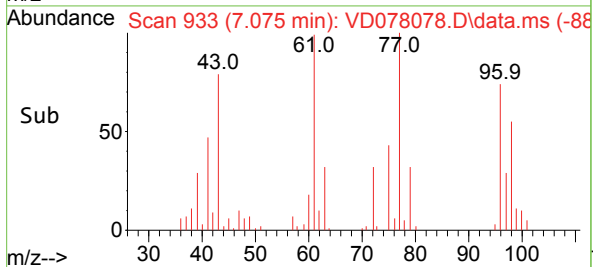
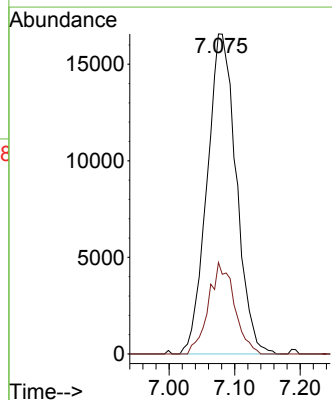
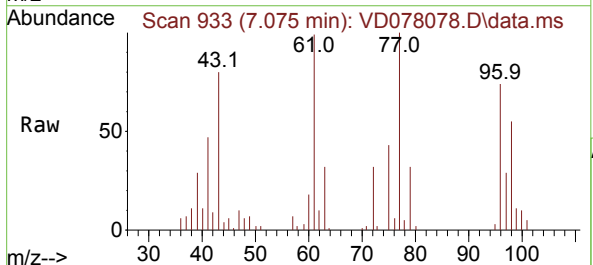
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

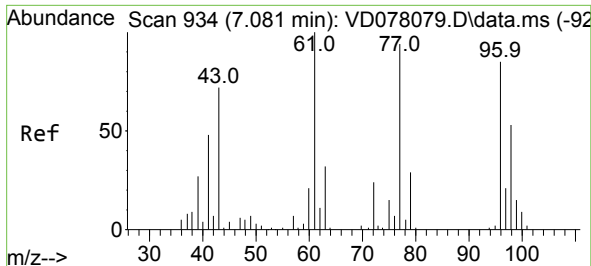
Tgt Ion: 43 Resp: 44380
Ion Ratio Lower Upper
43 100
72 27.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.521 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.011 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 77 Resp: 51181
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 18.476 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

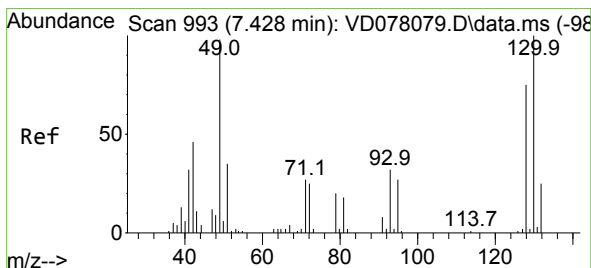
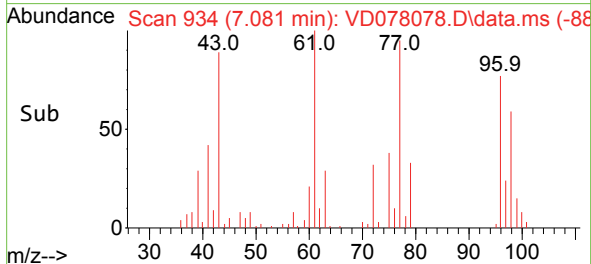
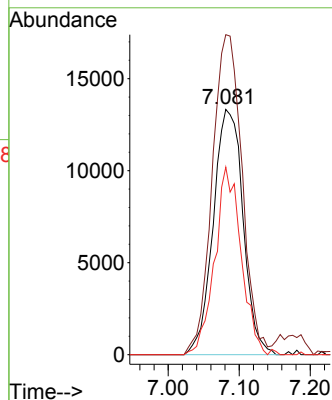
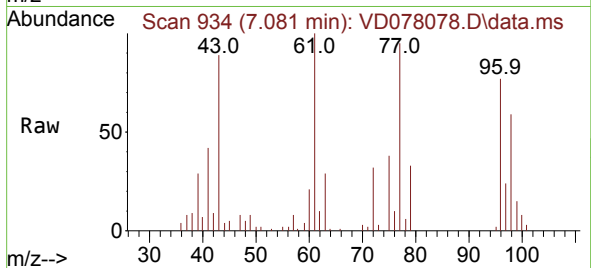
Tgt Ion: 96 Resp: 38789

Ion Ratio Lower Upper

96 100

61 130.5 0.0 239.2

98 67.4 0.0 128.6



#28

Bromochloromethane

Concen: 19.100 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

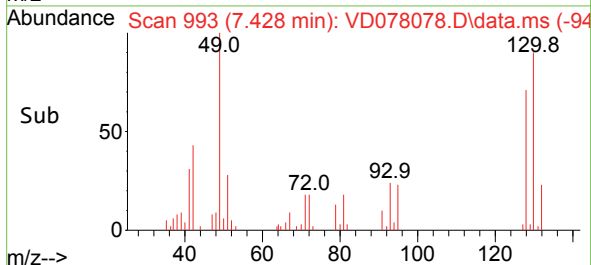
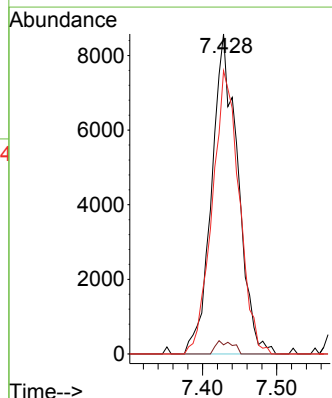
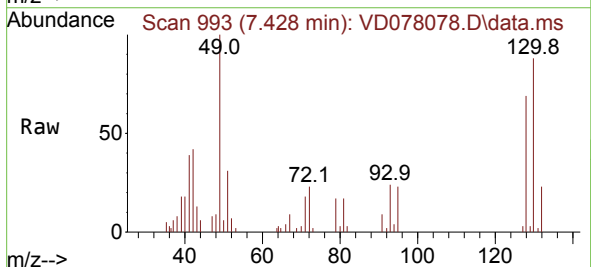
Tgt Ion: 49 Resp: 21019

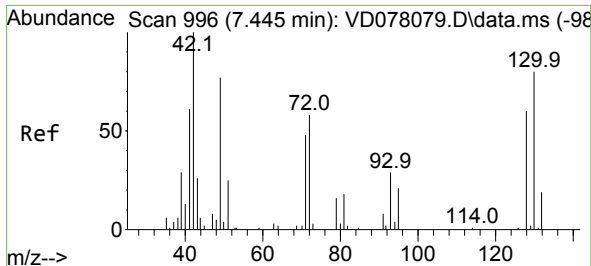
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.0

130 91.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 93.576 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

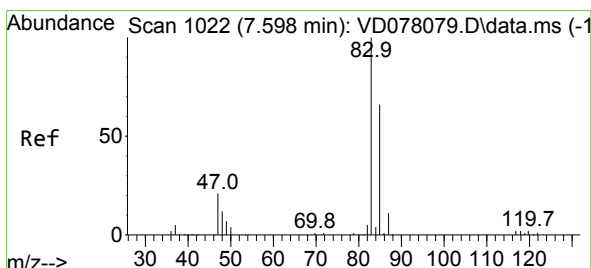
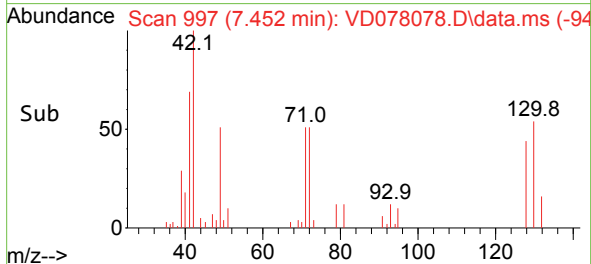
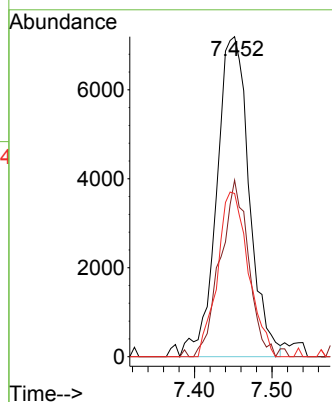
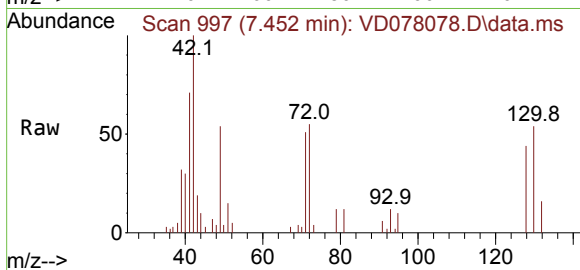
Tgt Ion: 42 Resp: 20997

Ion Ratio Lower Upper

42 100

72 47.8 46.5 69.7

71 48.9 44.5 66.7



#30

Chloroform

Concen: 18.881 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078078.D

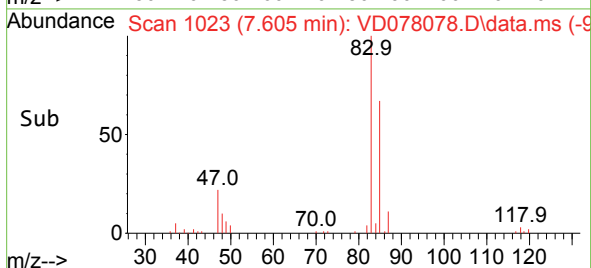
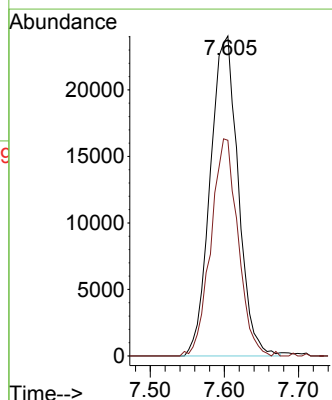
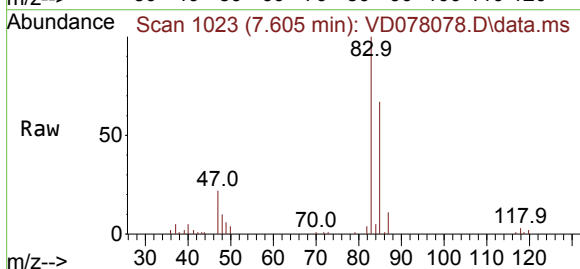
Acq: 26 Dec 2023 12:31

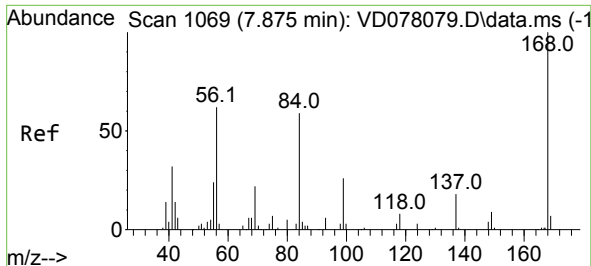
Tgt Ion: 83 Resp: 62937

Ion Ratio Lower Upper

83 100

85 67.4 53.4 80.2

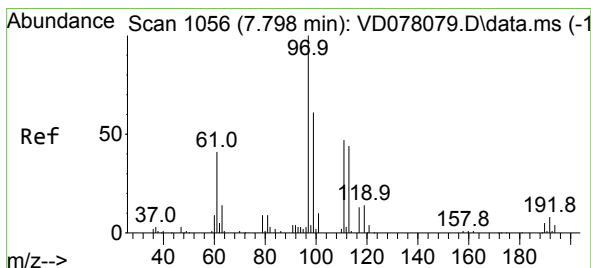
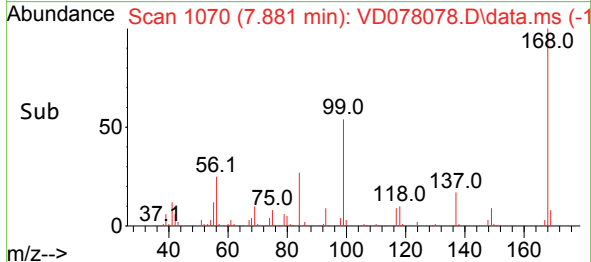
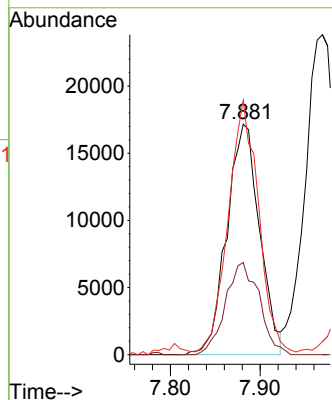
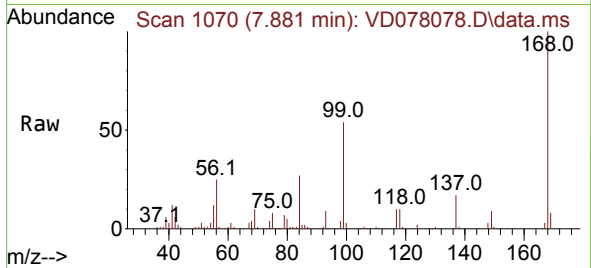




#31
Cyclohexane
Concen: 18.792 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

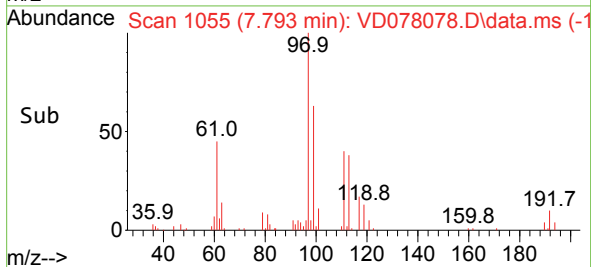
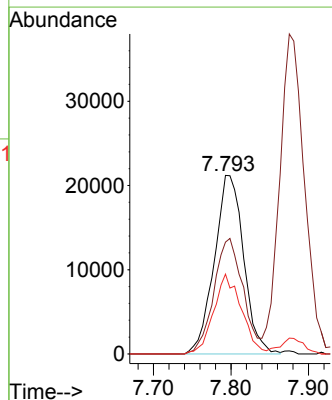
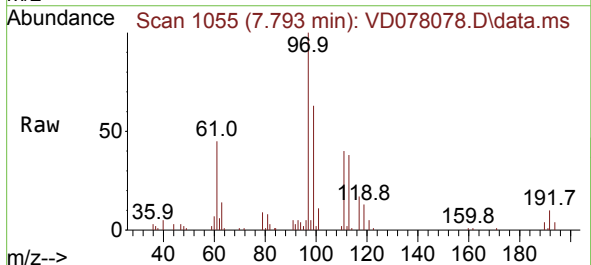
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

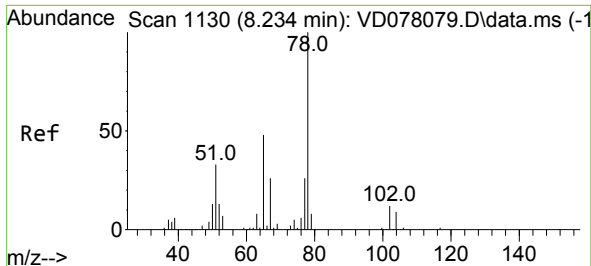
Tgt Ion: 56 Resp: 43453
Ion Ratio Lower Upper
56 100
69 40.0 28.6 43.0
84 106.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.465 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.005 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 97 Resp: 55763
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 19.709 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

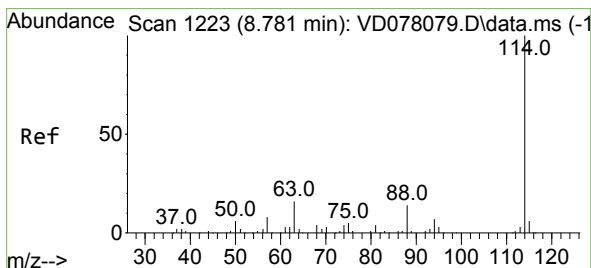
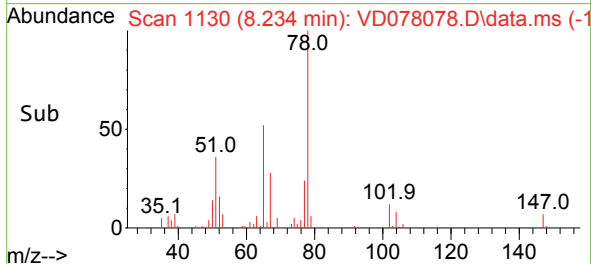
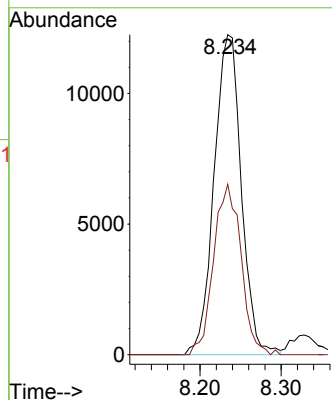
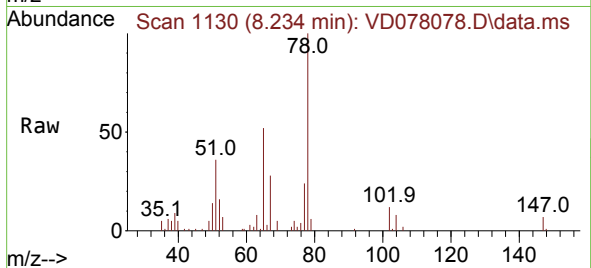
VSTDICC020

Tgt Ion: 65 Resp: 28568

Ion Ratio Lower Upper

65 100

67 53.6 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: VD078078.D

Acq: 26 Dec 2023 12:31

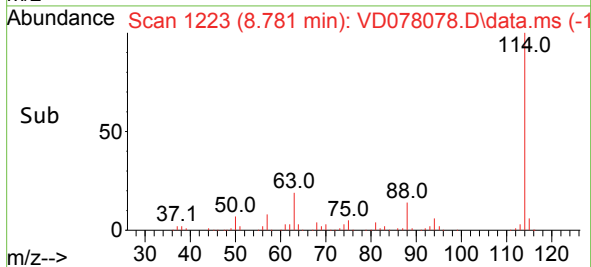
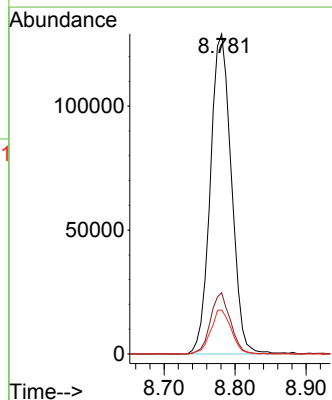
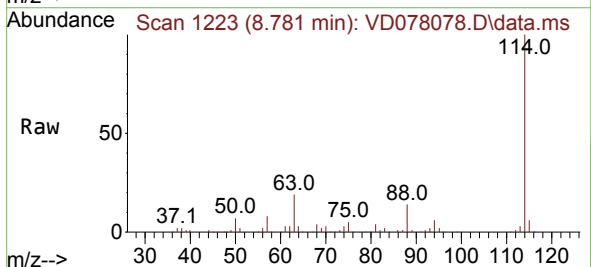
Tgt Ion: 114 Resp: 265261

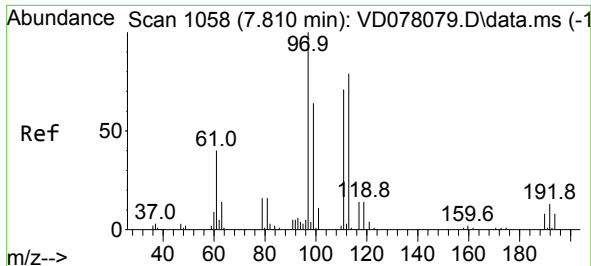
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 13.7 0.0 26.2

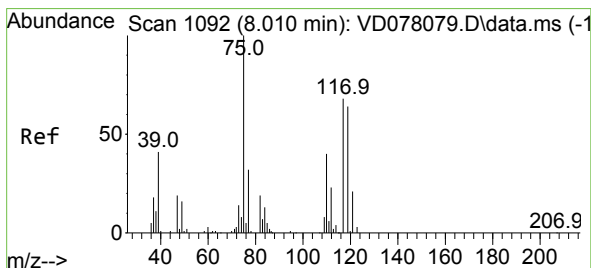
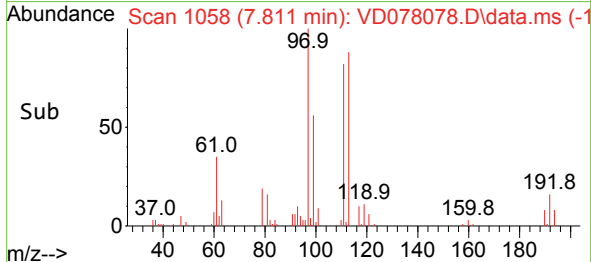
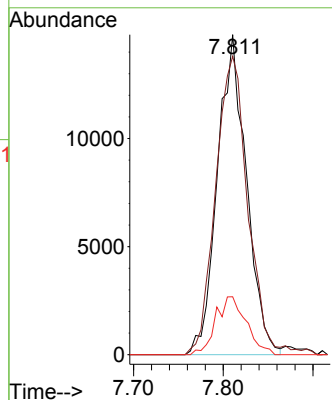
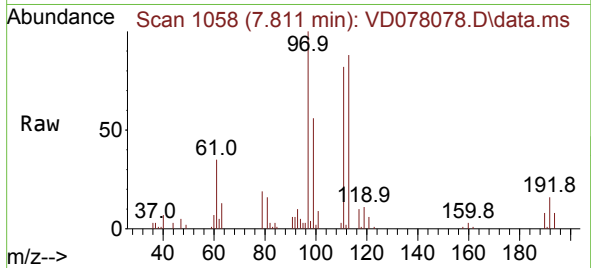




#35
Dibromofluoromethane
Concen: 19.498 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

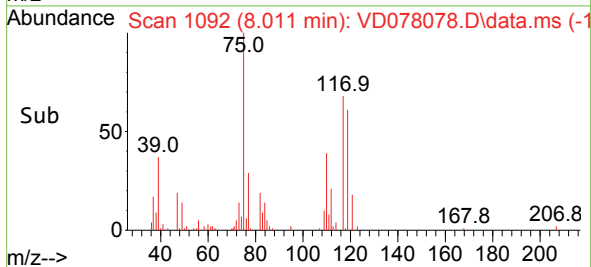
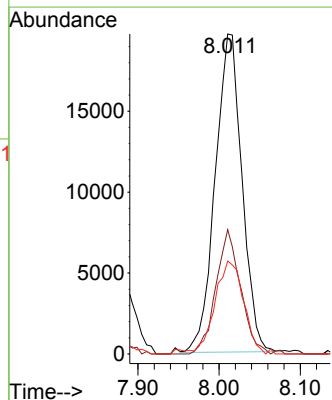
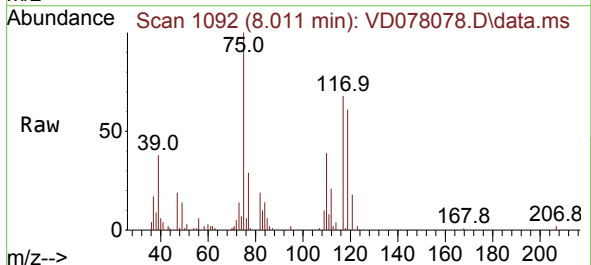
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

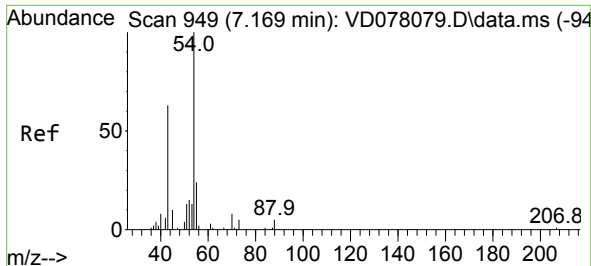
Tgt Ion:113 Resp: 33279
Ion Ratio Lower Upper
113 100
111 103.6 84.7 127.1
192 19.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.794 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 75 Resp: 45134
Ion Ratio Lower Upper
75 100
110 36.0 19.9 59.6
77 31.5 24.7 37.1

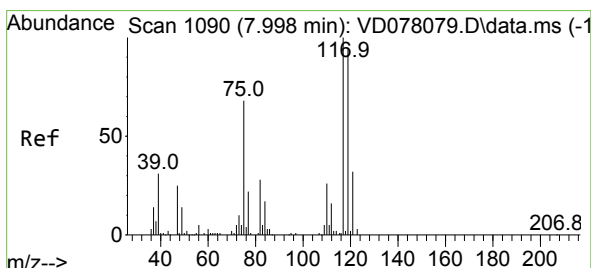
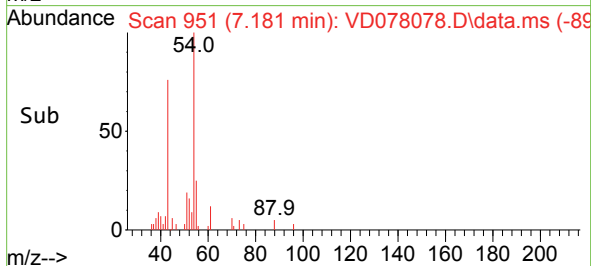
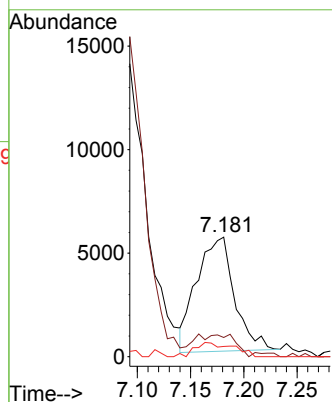
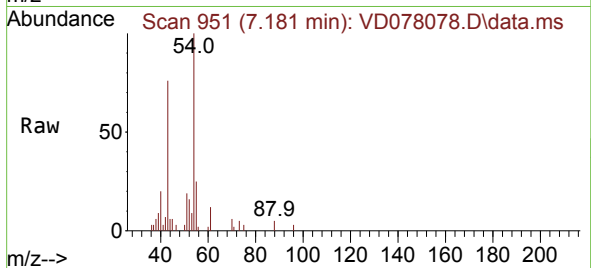




#37
Ethyl Acetate
Concen: 17.006 ug/l
RT: 7.181 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

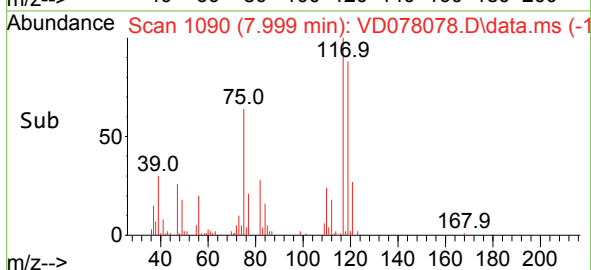
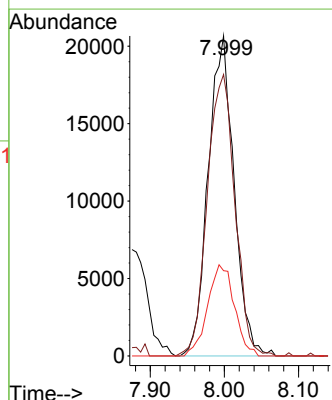
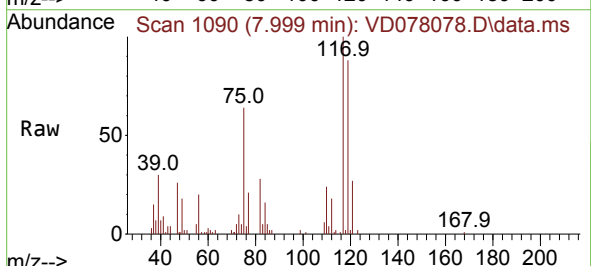
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

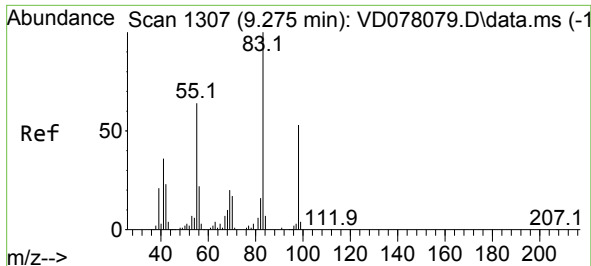
Tgt Ion: 43 Resp: 13583
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 19.239 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 117 Resp: 50066
Ion Ratio Lower Upper
117 100
119 88.0 78.0 117.0
121 26.6 24.2 36.2





#39

Methylcyclohexane

Concen: 18.972 ug/l

RT: 9.281 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

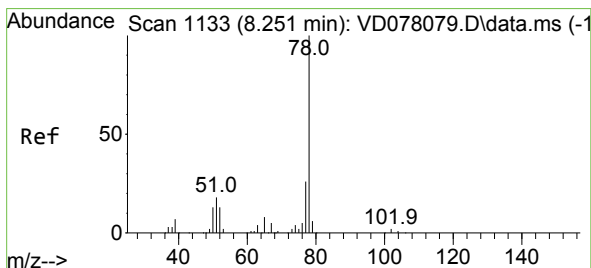
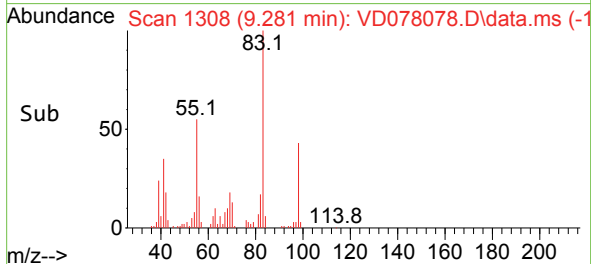
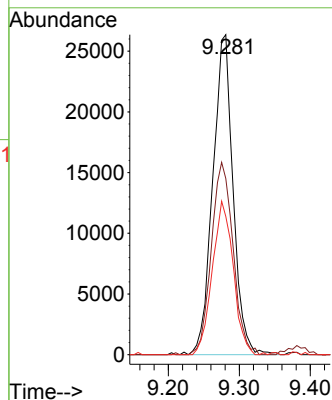
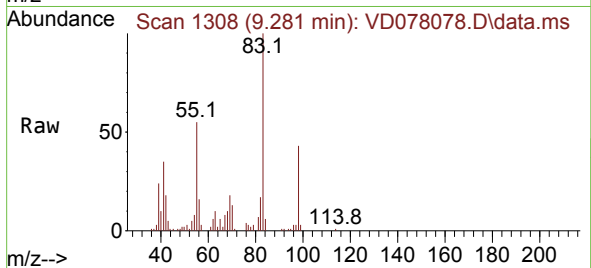
Tgt Ion: 83 Resp: 52236

Ion Ratio Lower Upper

83 100

55 55.1 49.4 74.0

98 43.2 38.4 57.6



#40

Benzene

Concen: 18.678 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078078.D

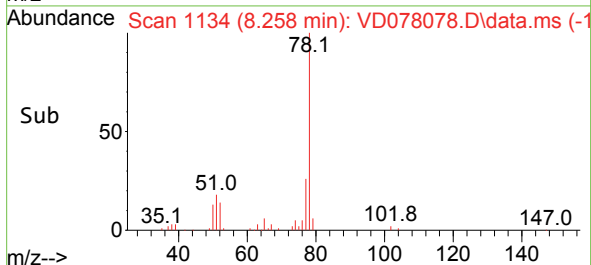
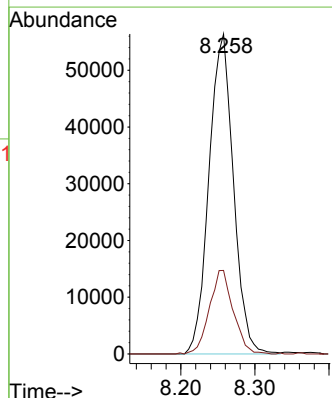
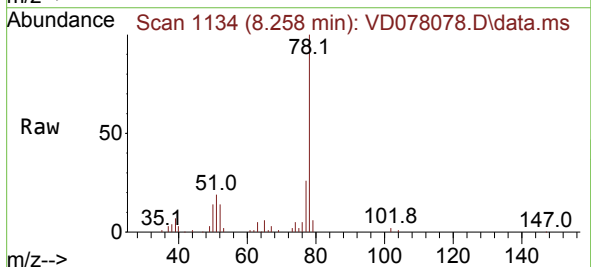
Acq: 26 Dec 2023 12:31

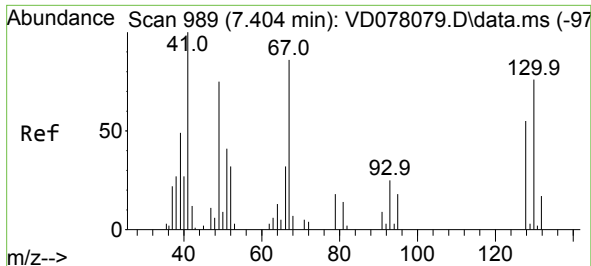
Tgt Ion: 78 Resp: 129285

Ion Ratio Lower Upper

78 100

77 25.8 19.4 29.0

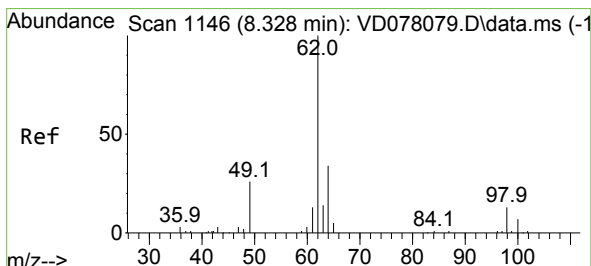
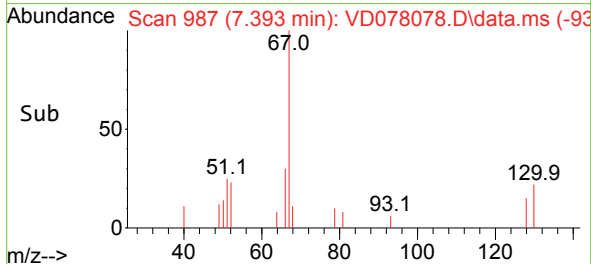
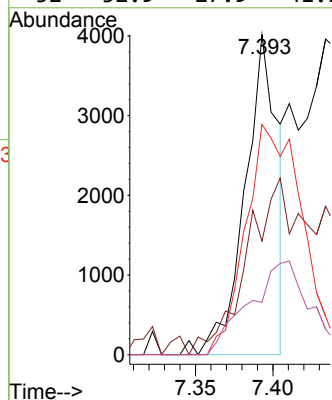
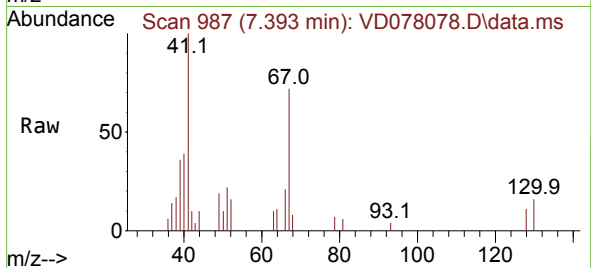




#41
Methacrylonitrile
Concen: 11.721 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

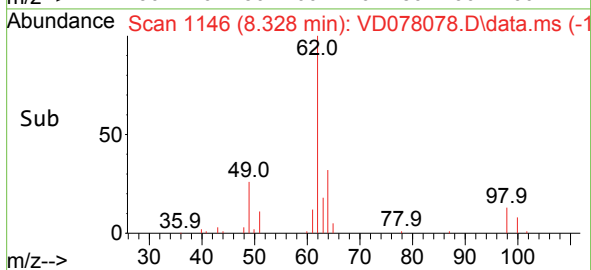
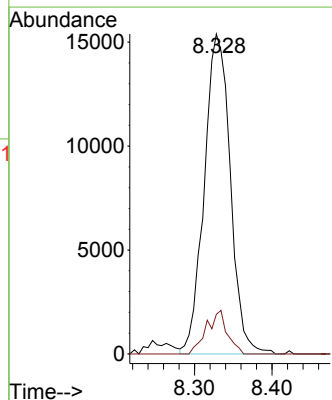
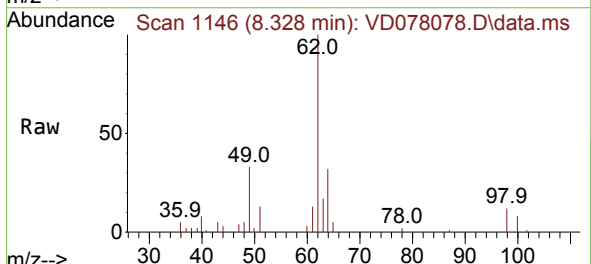
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

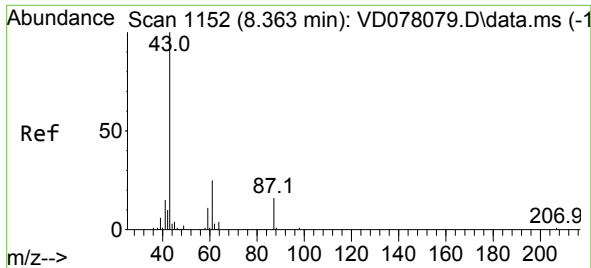
Tgt Ion: 41 Resp: 5929
Ion Ratio Lower Upper
41 100
39 99.0 34.0 51.0#
67 125.4 77.0 115.4#
52 52.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.219 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 62 Resp: 35950
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4

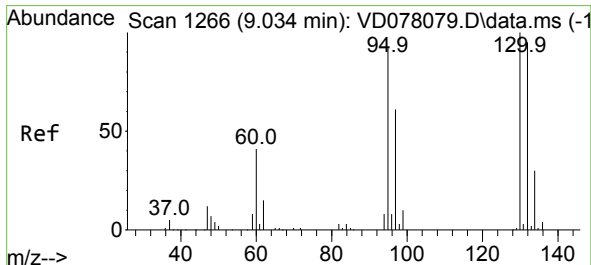
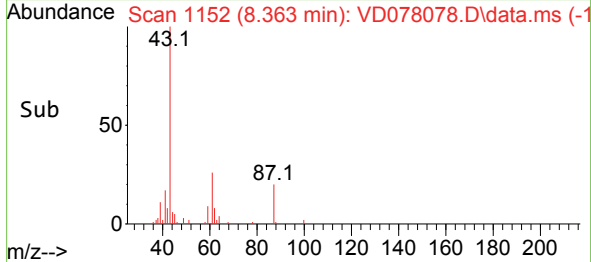
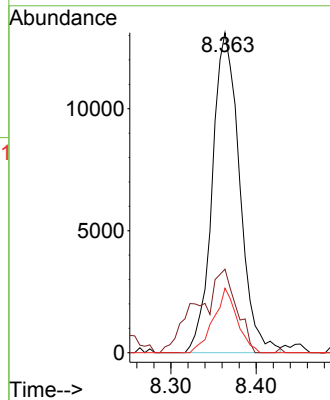
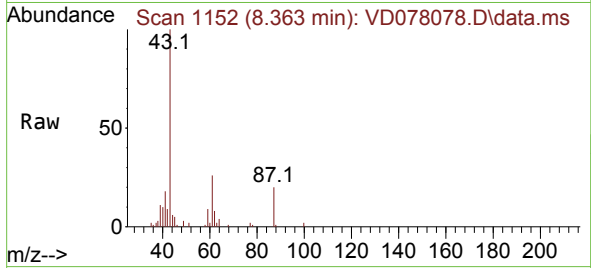




#43
Isopropyl Acetate
Concen: 18.271 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

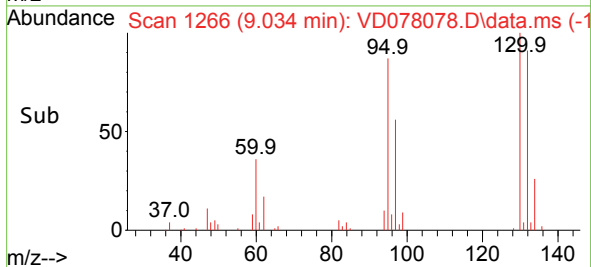
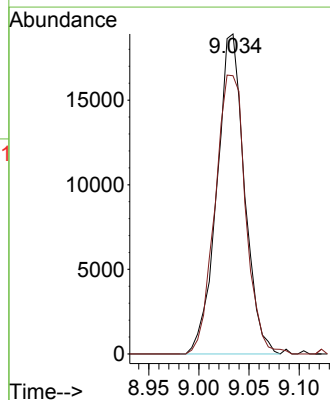
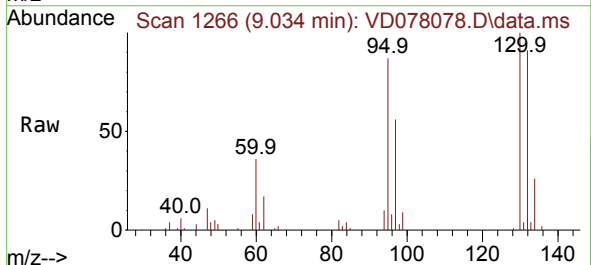
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

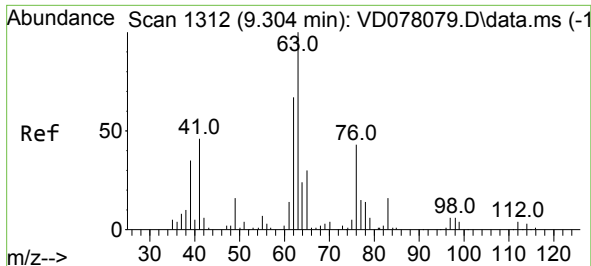
Tgt Ion: 43 Resp: 29216
Ion Ratio Lower Upper
43 100
61 21.0 31.4 47.0#
87 17.3 14.9 22.3



#44
Trichloroethene
Concen: 18.195 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:130 Resp: 36232
Ion Ratio Lower Upper
130 100
95 87.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.243 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

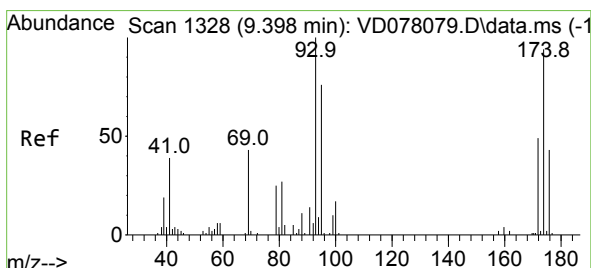
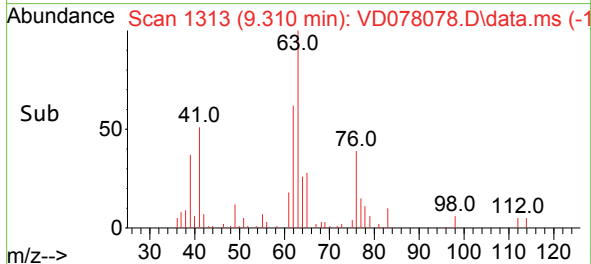
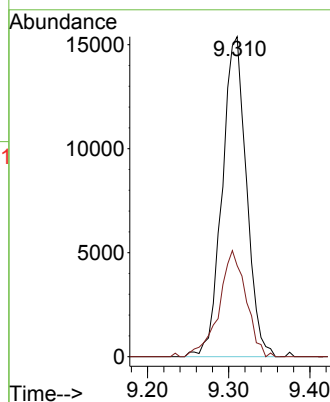
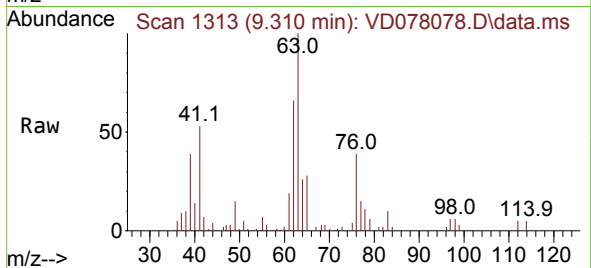
VSTDIC020

Tgt Ion: 63 Resp: 31996

Ion Ratio Lower Upper

63 100

65 28.4 24.5 36.7



#46

Dibromomethane

Concen: 18.949 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

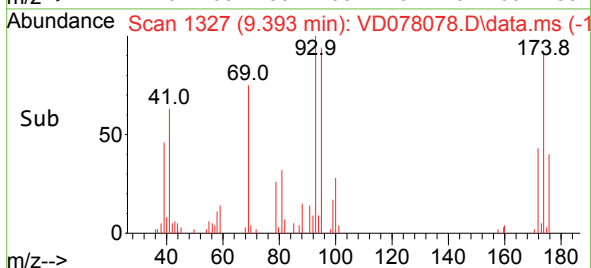
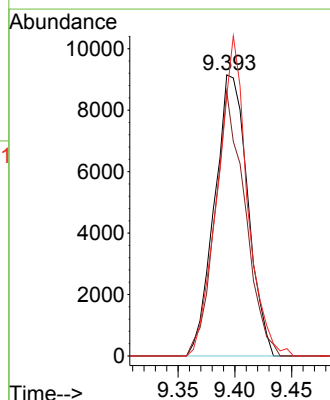
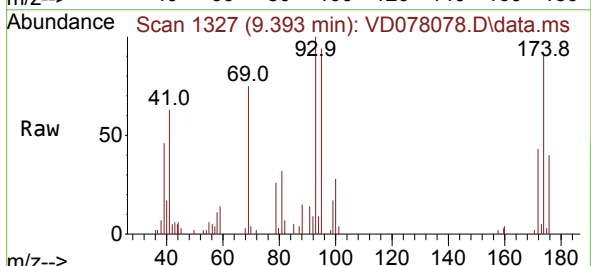
Tgt Ion: 93 Resp: 18614

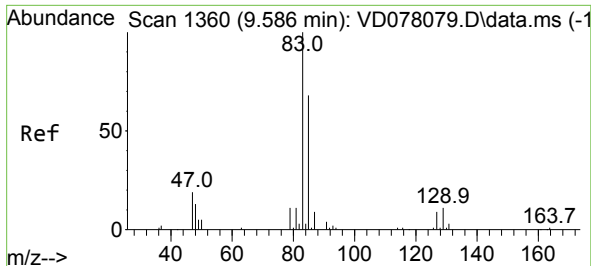
Ion Ratio Lower Upper

93 100

95 85.5 67.7 101.5

174 100.9 85.4 128.2





#47

Bromodichloromethane

Concen: 18.700 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

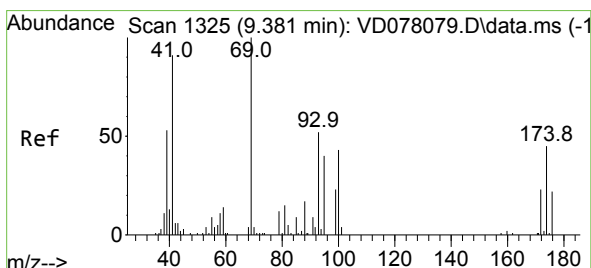
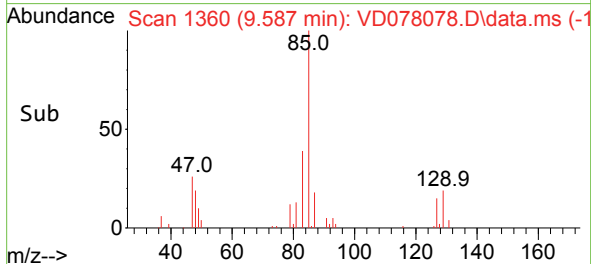
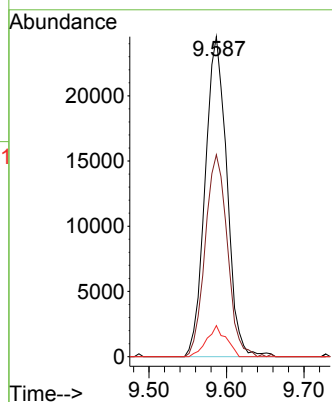
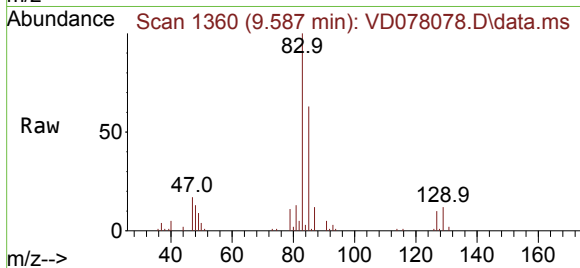
Tgt Ion: 83 Resp: 47717

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.4

127 9.7 6.3 9.5#



#48

Methyl methacrylate

Concen: 17.854 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

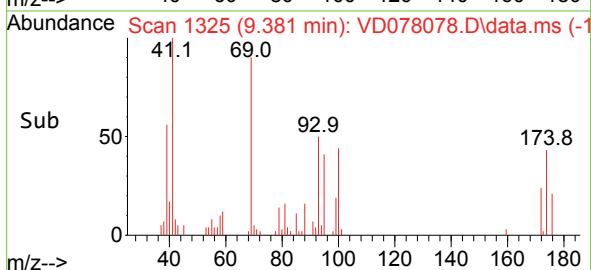
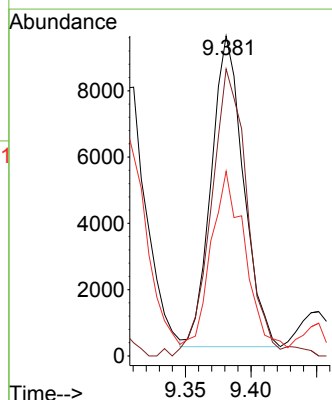
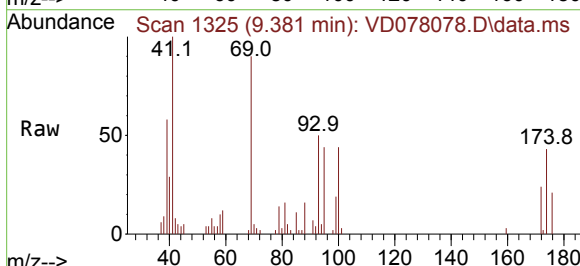
Tgt Ion: 41 Resp: 16090

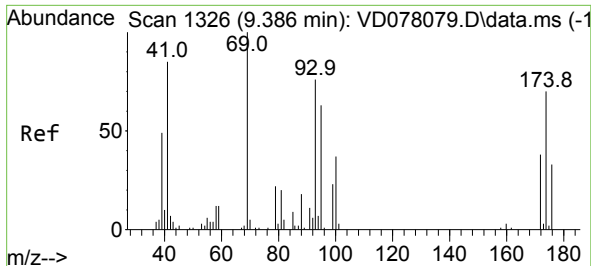
Ion Ratio Lower Upper

41 100

69 103.9 102.2 153.2

39 58.4 41.4 62.2





#49

1,4-Dioxane

Concen: 385.190 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

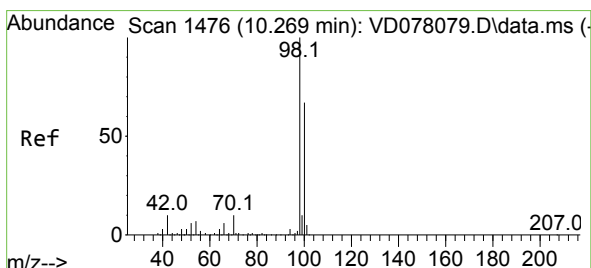
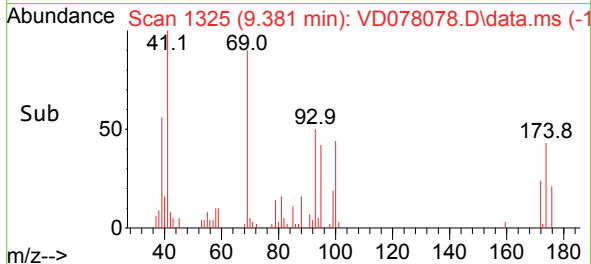
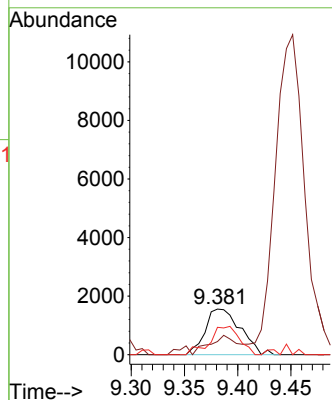
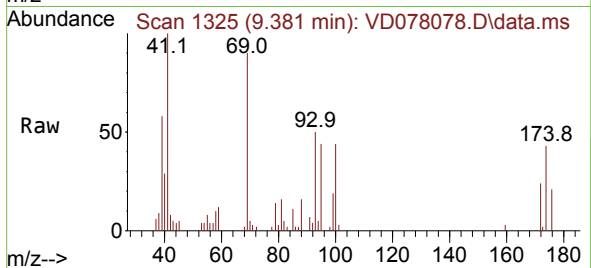
Tgt Ion: 88 Resp: 3577

Ion Ratio Lower Upper

88 100

43 33.0 19.0 28.6#

58 52.4 43.5 65.3



#50

Toluene-d8

Concen: 19.349 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078078.D

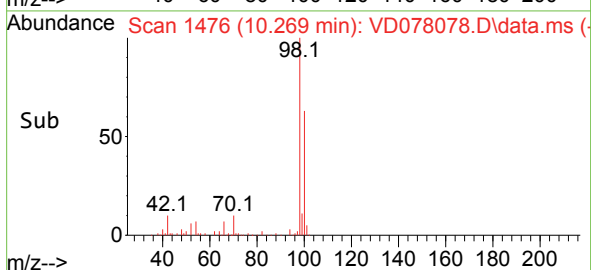
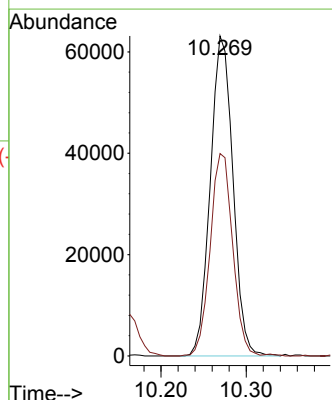
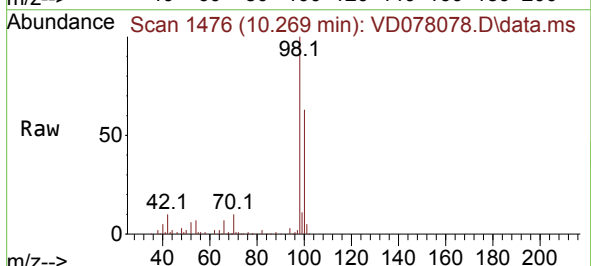
Acq: 26 Dec 2023 12:31

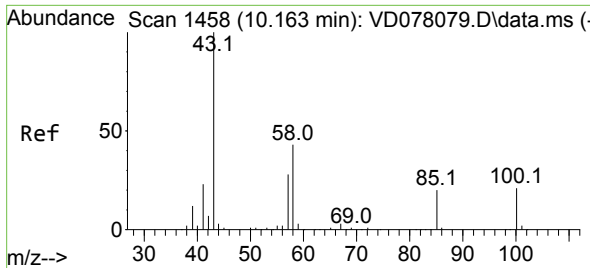
Tgt Ion: 98 Resp: 116200

Ion Ratio Lower Upper

98 100

100 63.0 50.3 75.5

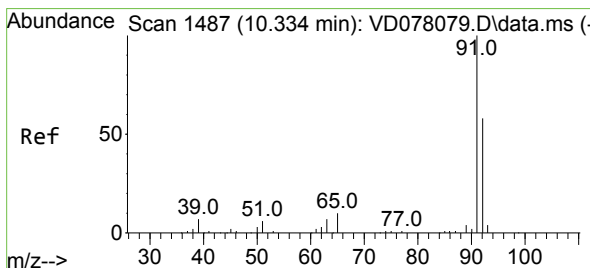
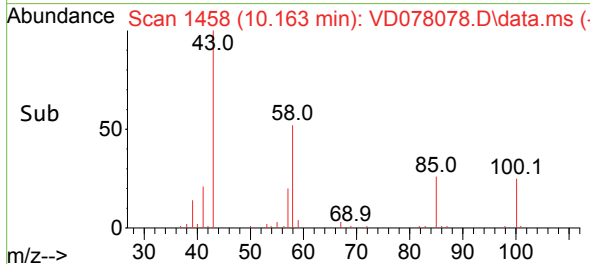
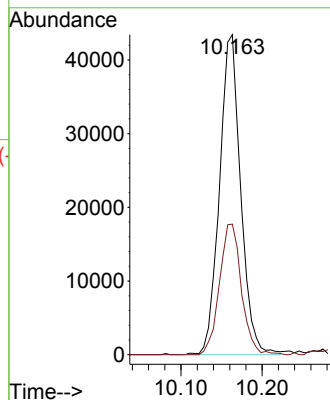
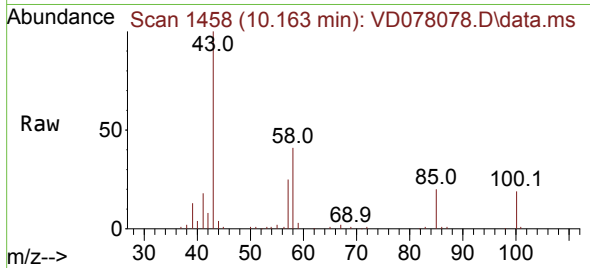




#51
4-Methyl-2-Pentanone
Concen: 96.127 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

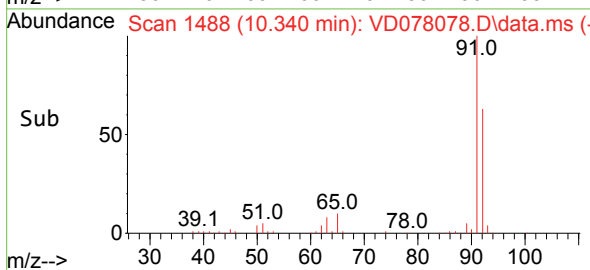
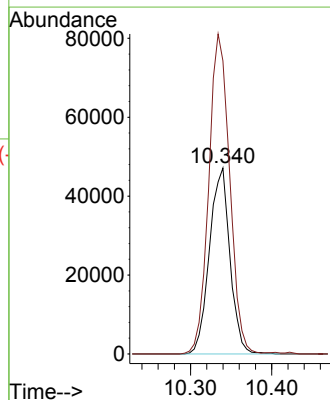
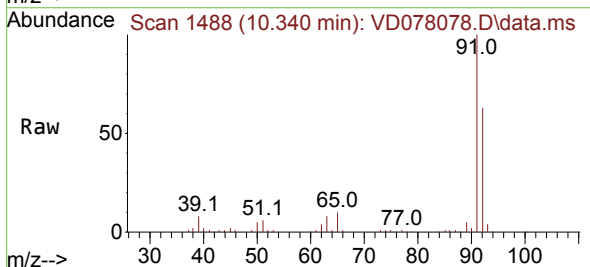
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

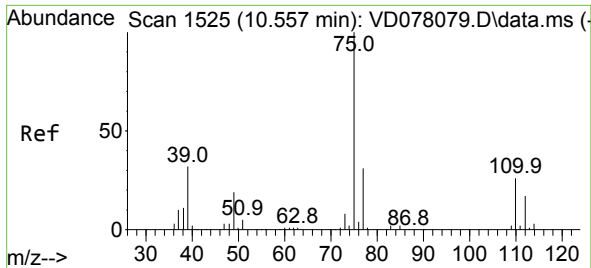
Tgt Ion: 43 Resp: 78873
Ion Ratio Lower Upper
43 100
58 42.2 38.9 58.3



#52
Toluene
Concen: 18.400 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 92 Resp: 82605
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4

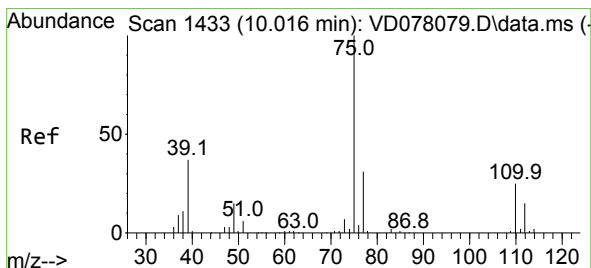
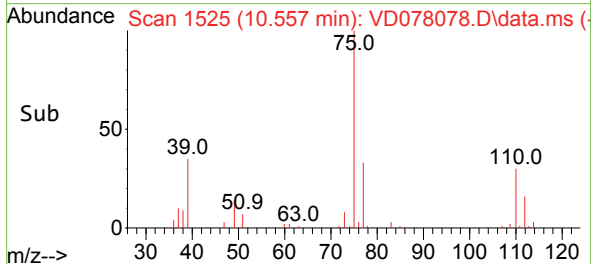
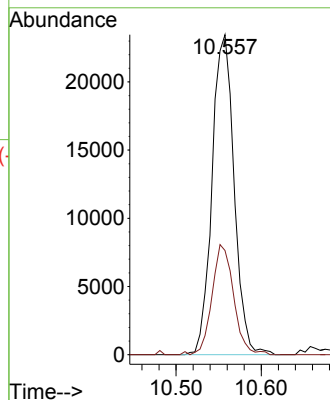
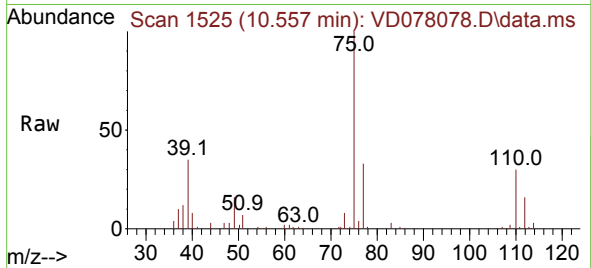




#53
 t-1,3-Dichloropropene
 Concen: 18.214 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078078.D
 Acq: 26 Dec 2023 12:31

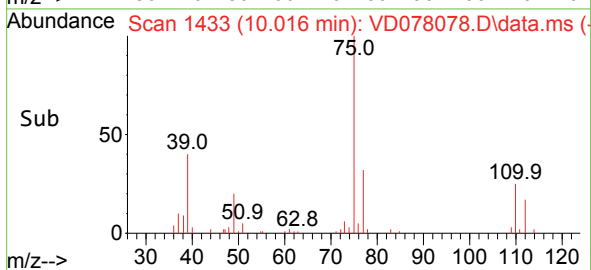
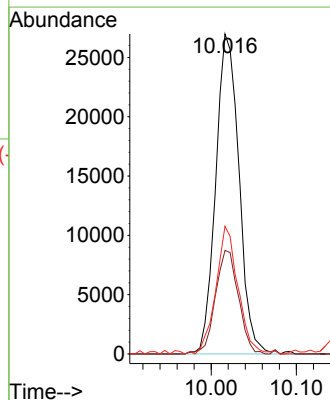
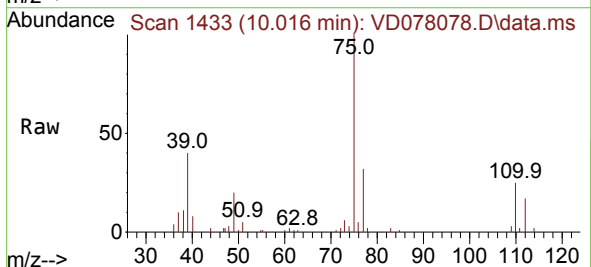
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

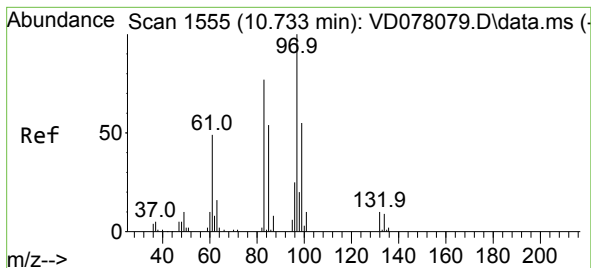
Tgt Ion: 75 Resp: 42168
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.412 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078078.D
 Acq: 26 Dec 2023 12:31

Tgt Ion: 75 Resp: 51189
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 39.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.567 ug/l

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 25667

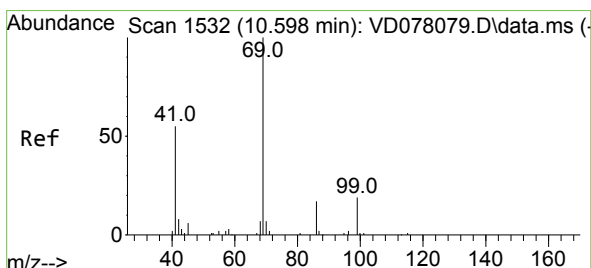
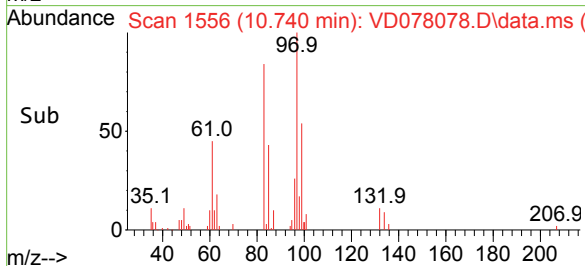
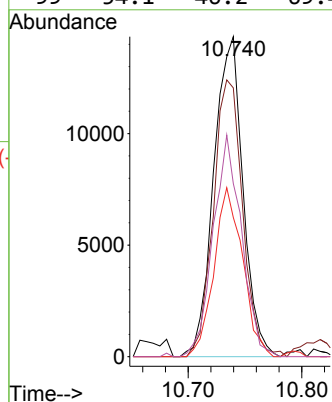
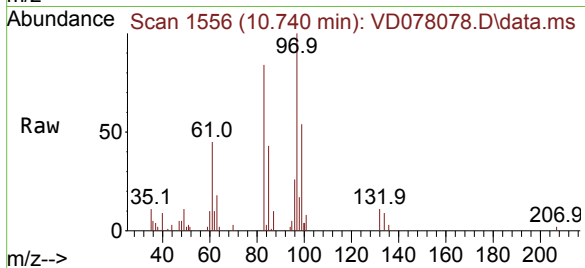
Ion Ratio Lower Upper

97 100

83 84.0 65.8 98.6

85 43.5 45.7 68.5#

99 54.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 17.493 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

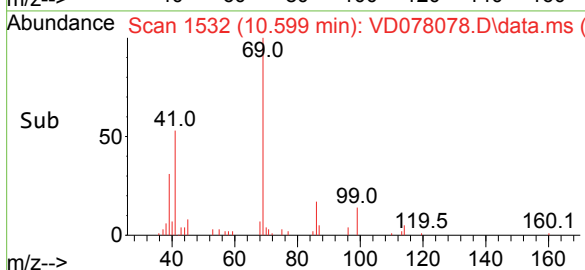
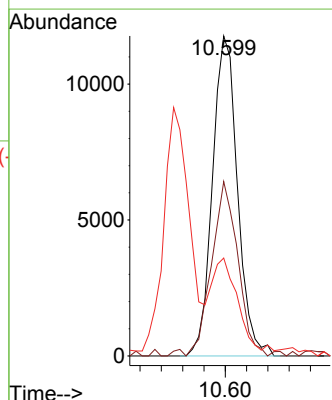
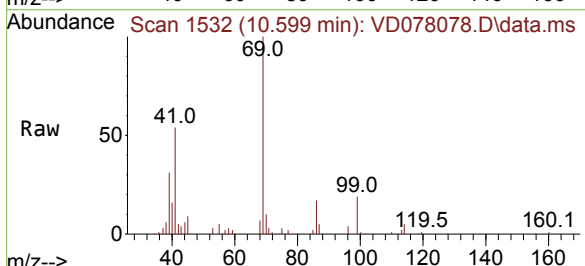
Tgt Ion: 69 Resp: 19190

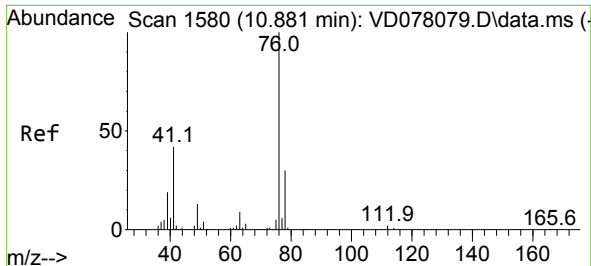
Ion Ratio Lower Upper

69 100

41 57.7 39.1 58.7

39 29.4 20.0 30.0





#57

1,3-Dichloropropane

Concen: 18.008 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

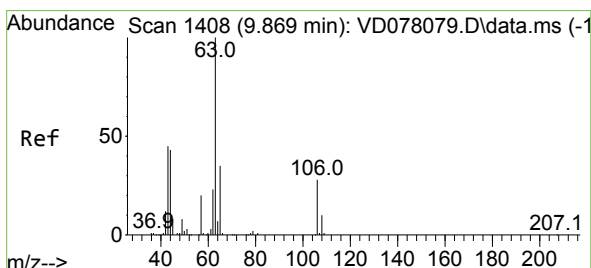
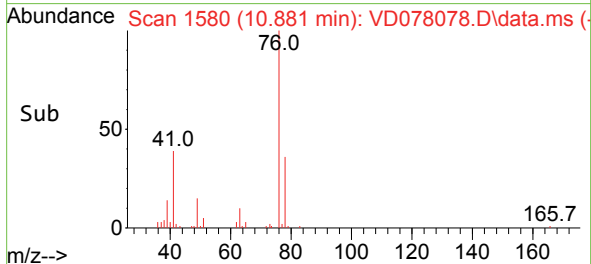
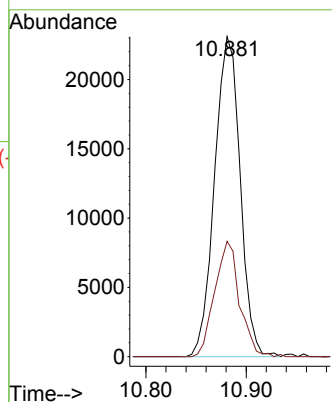
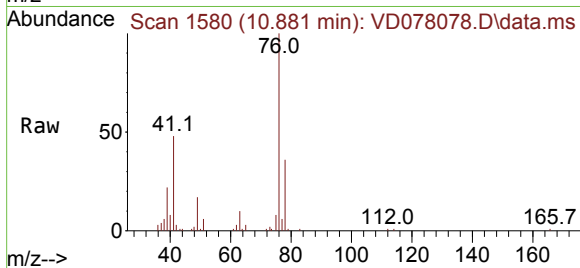
VSTDIC020

Tgt Ion: 76 Resp: 40900

Ion Ratio Lower Upper

76 100

78 35.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.619 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078078.D

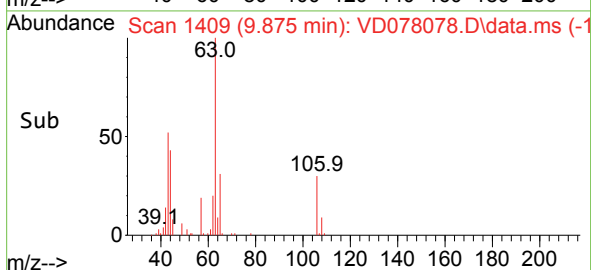
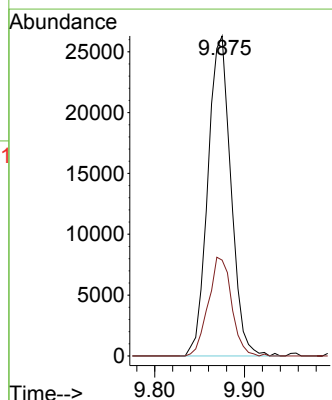
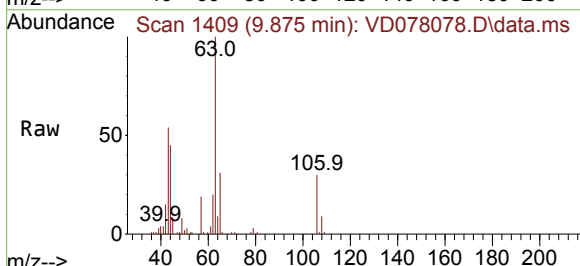
Acq: 26 Dec 2023 12:31

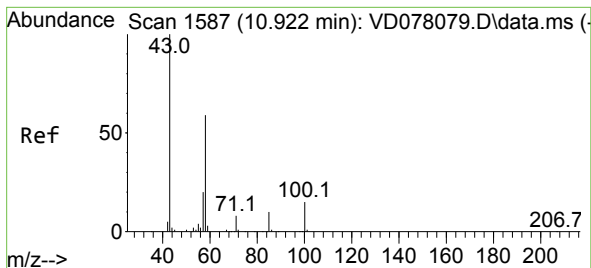
Tgt Ion: 63 Resp: 46840

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9

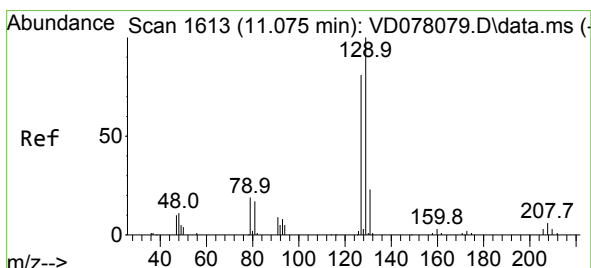
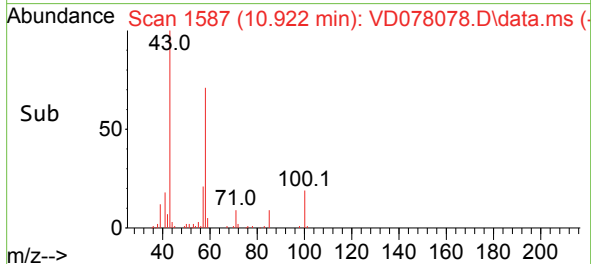
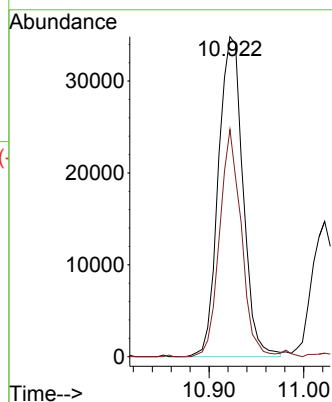
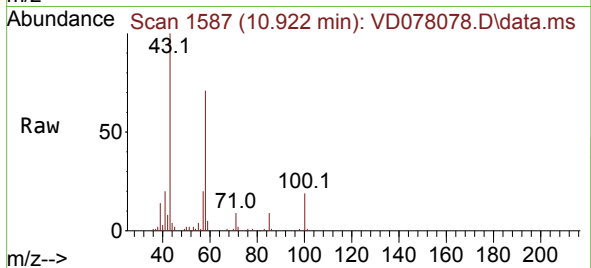




#59
2-Hexanone
Concen: 98.683 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

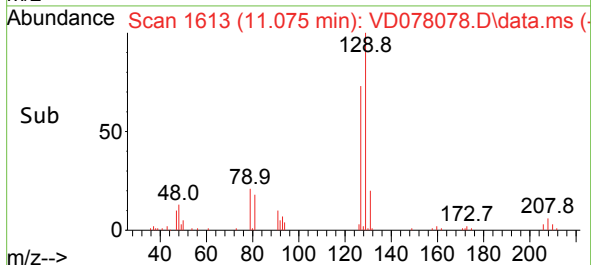
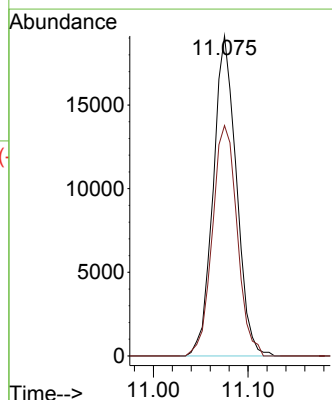
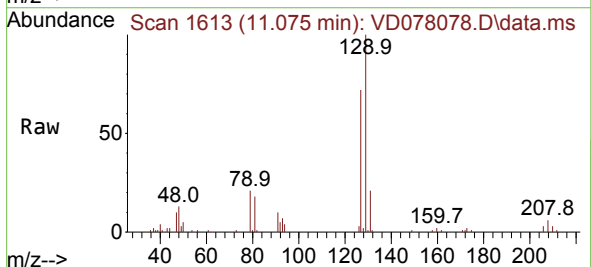
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

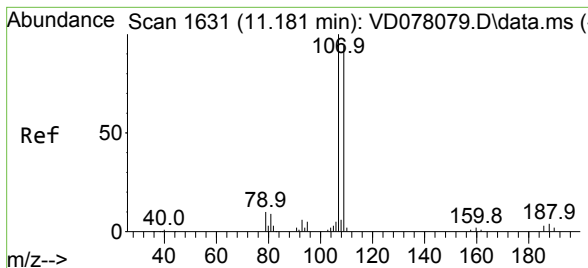
Tgt Ion: 43 Resp: 62895
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 18.495 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 129 Resp: 32570
Ion Ratio Lower Upper
129 100
127 76.8 37.1 111.5

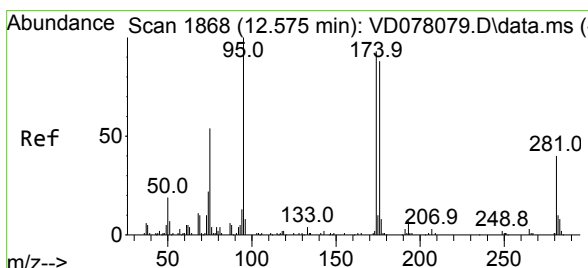
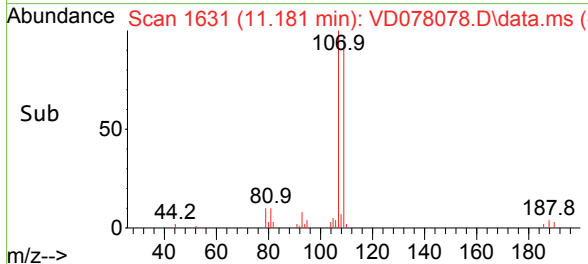
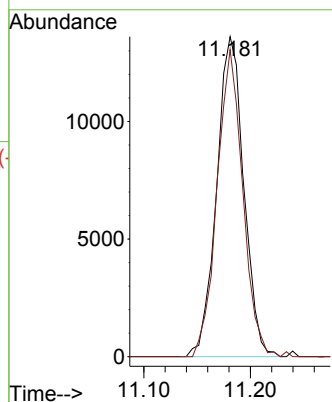
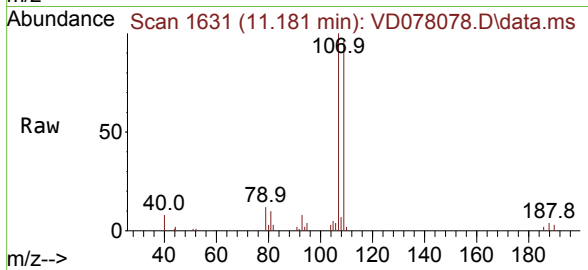




#61
1,2-Dibromoethane
Concen: 18.143 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

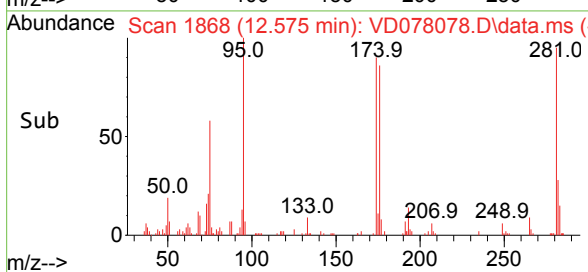
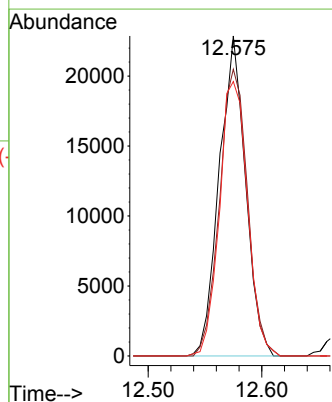
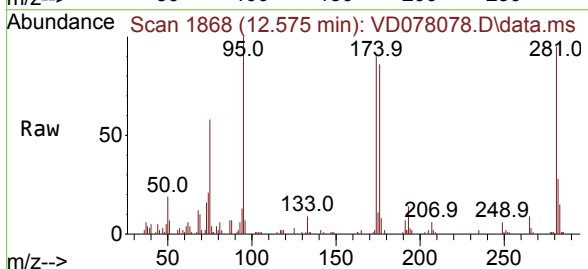
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

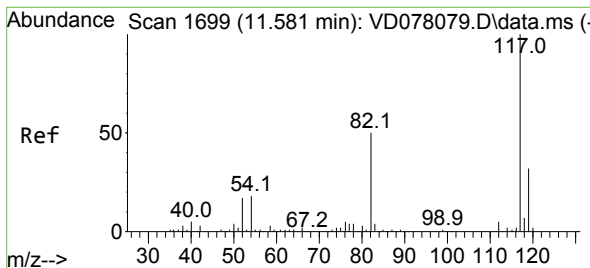
Tgt Ion:107 Resp: 24045
Ion Ratio Lower Upper
107 100
109 91.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.016 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 95 Resp: 36745
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 91.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

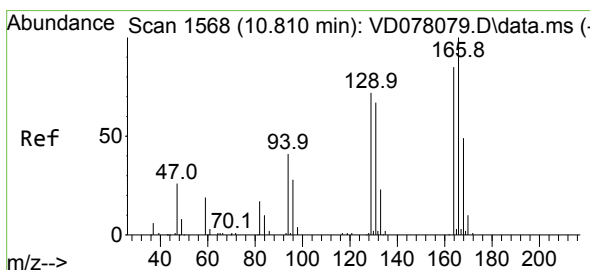
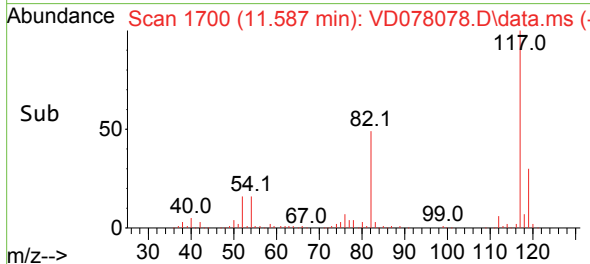
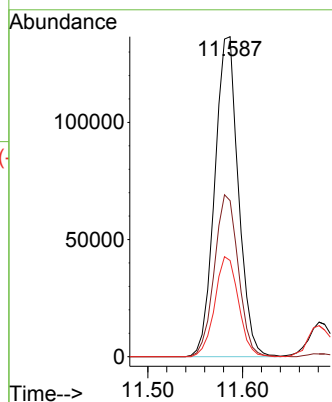
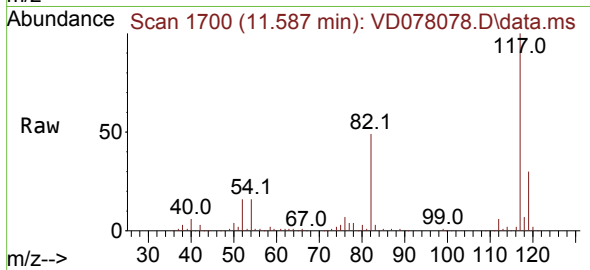
Tgt Ion:117 Resp: 236911

Ion Ratio Lower Upper

117 100

82 48.8 38.3 57.5

119 30.0 25.0 37.4



#64

Tetrachloroethene

Concen: 18.502 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Tgt Ion:164 Resp: 29619

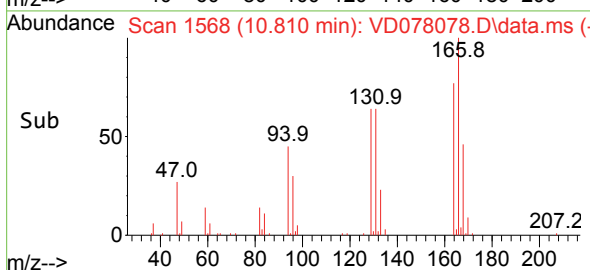
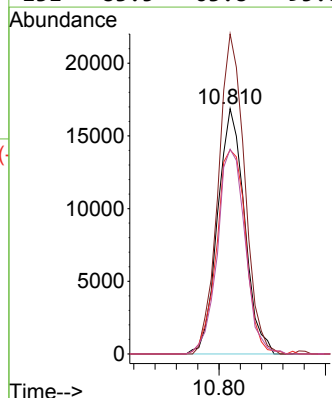
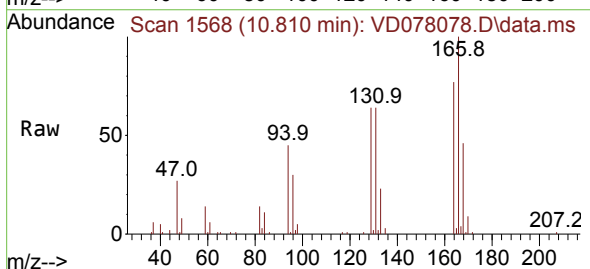
Ion Ratio Lower Upper

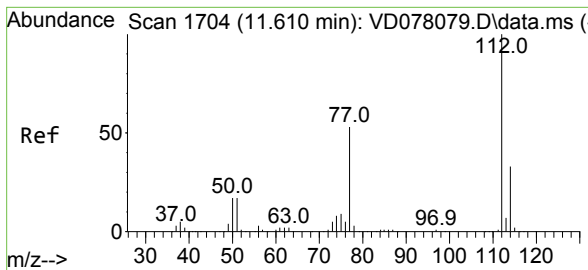
164 100

166 130.5 99.2 148.8

129 83.2 68.4 102.6

131 83.5 63.8 95.8

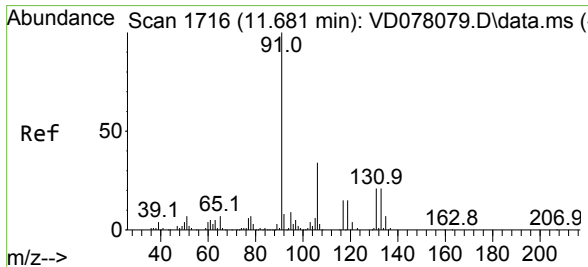
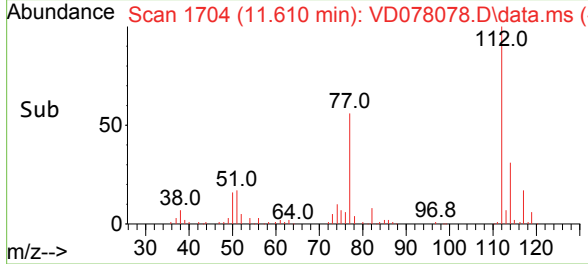
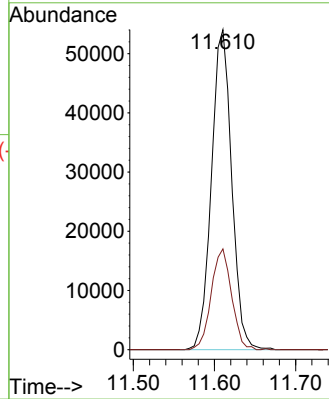
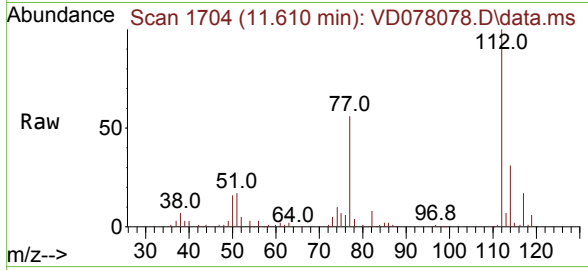




#65
Chlorobenzene
Concen: 18.592 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

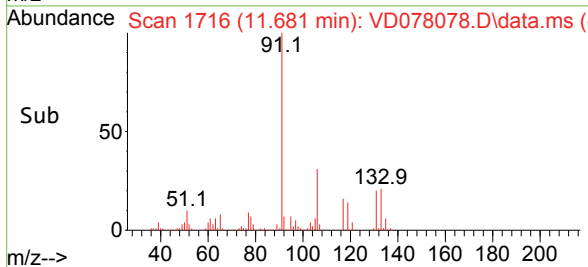
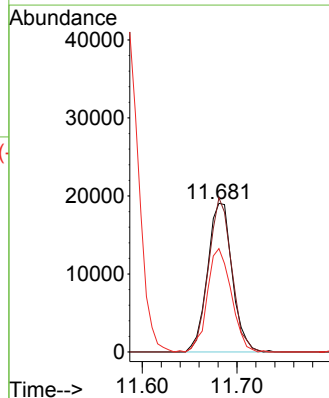
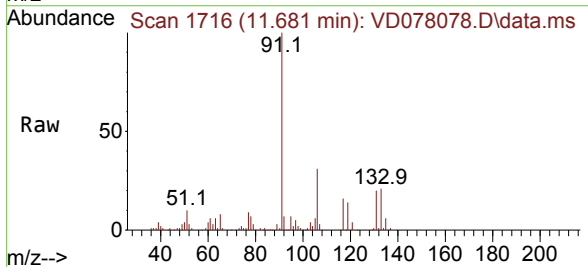
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

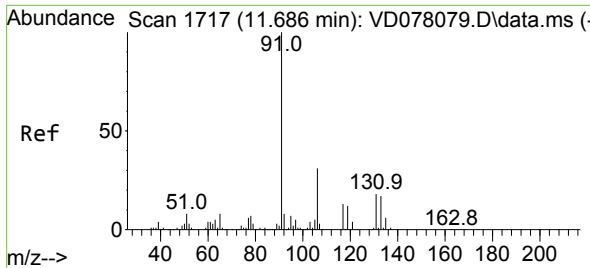
Tgt Ion:112 Resp: 93574
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.156 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:131 Resp: 34586
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.5
119 67.8 35.6 106.9

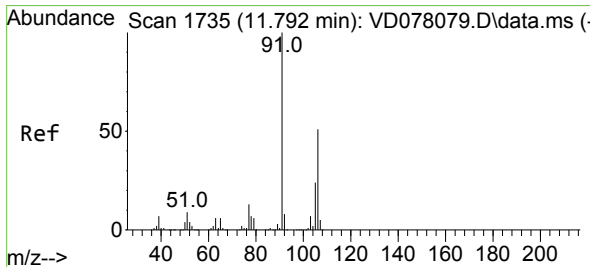
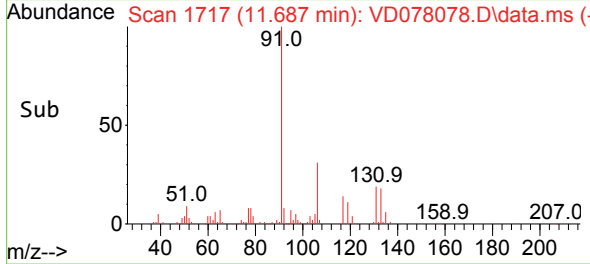
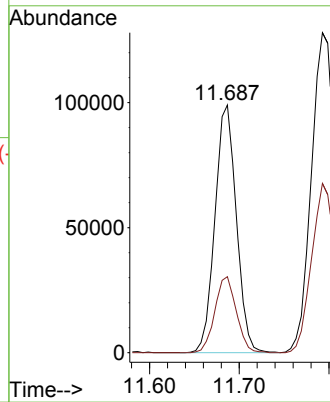
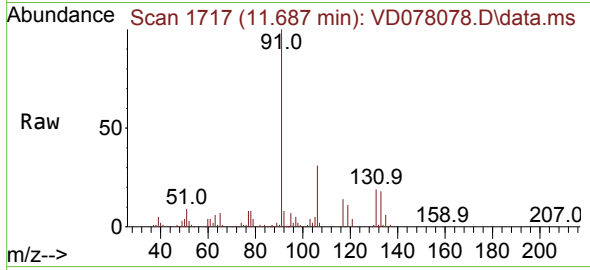




#67
Ethyl Benzene
Concen: 18.692 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

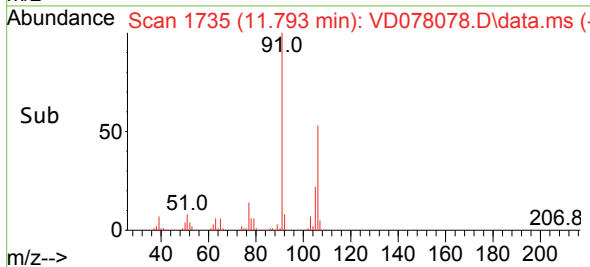
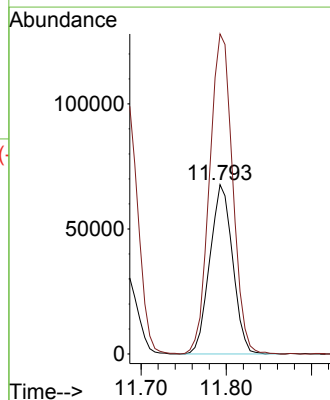
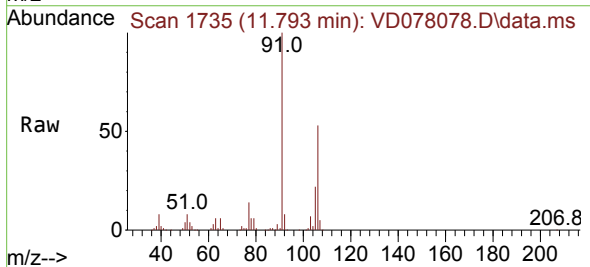
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

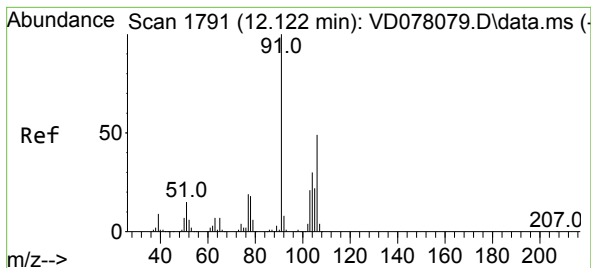
Tgt Ion: 91 Resp: 164010
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 36.946 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:106 Resp: 126168
Ion Ratio Lower Upper
106 100
91 191.2 147.0 220.6





#69

o-Xylene

Concen: 18.491 ug/l

RT: 12.128 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

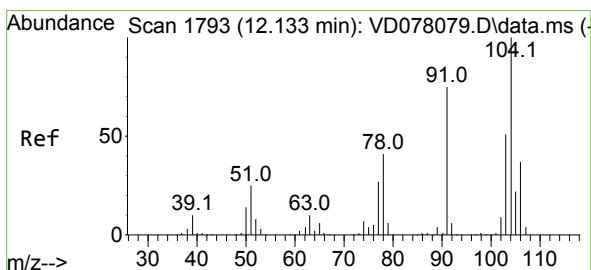
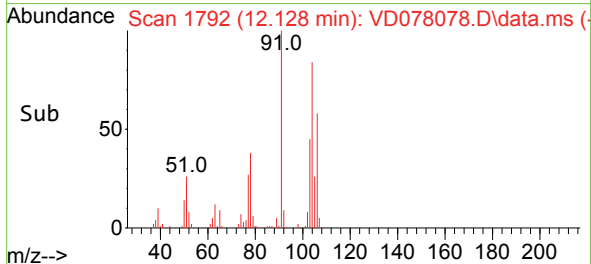
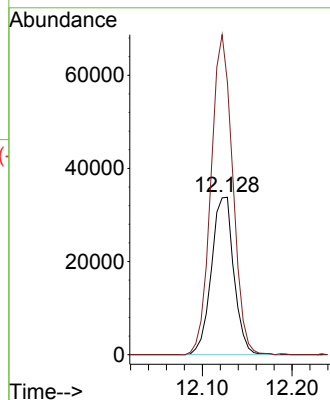
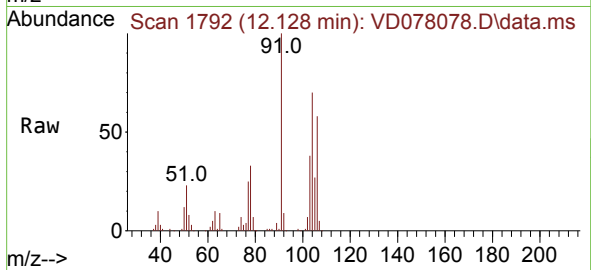
VSTDIC020

Tgt Ion:106 Resp: 58853

Ion Ratio Lower Upper

106 100

91 196.4 97.9 293.6



#70

Styrene

Concen: 18.512 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

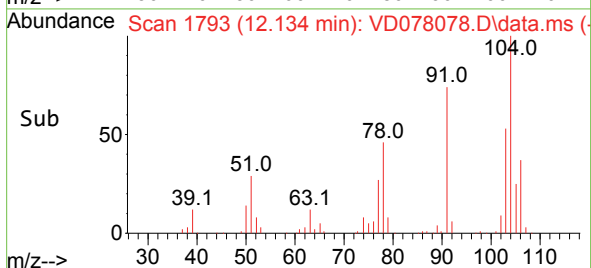
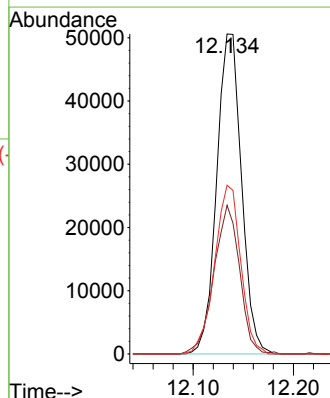
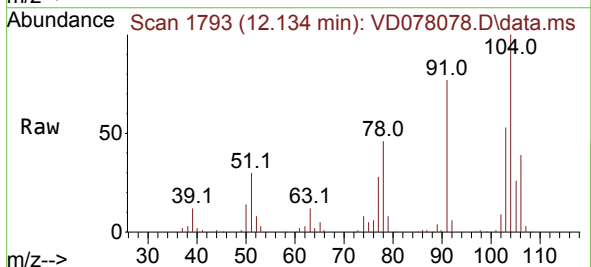
Tgt Ion:104 Resp: 86993

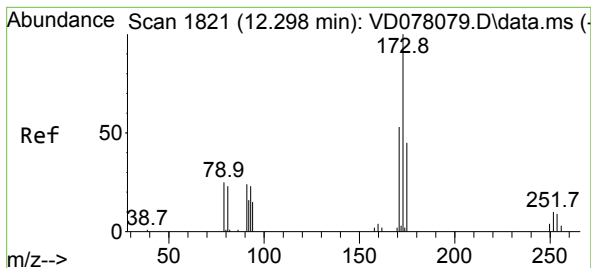
Ion Ratio Lower Upper

104 100

78 48.1 33.2 49.8

103 55.5 43.6 65.4





#71

Bromoform

Concen: 18.109 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

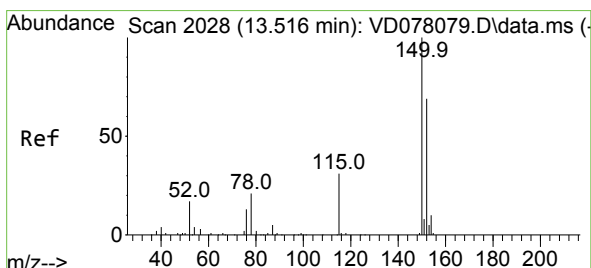
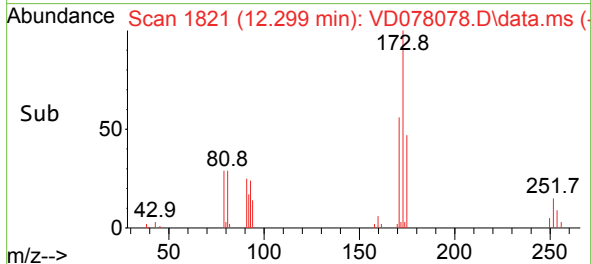
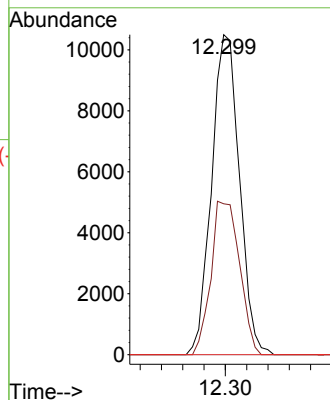
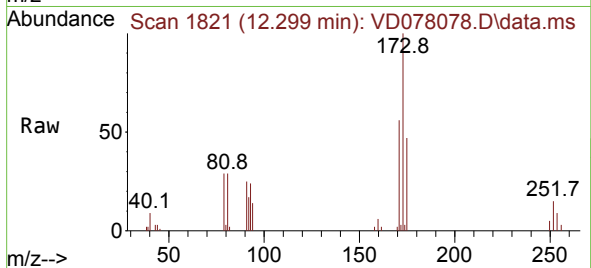
Tgt Ion:173 Resp: 19032

Ion Ratio Lower Upper

173 100

175 49.2 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: VD078078.D

Acq: 26 Dec 2023 12:31

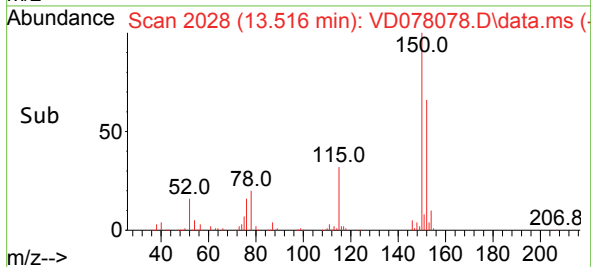
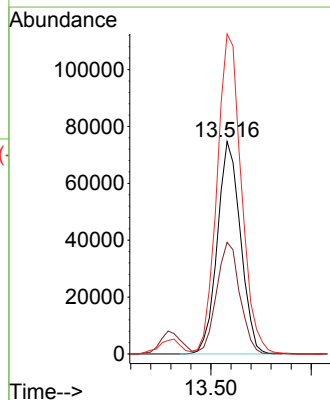
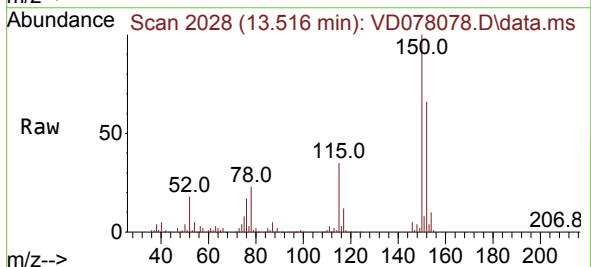
Tgt Ion:152 Resp: 119737

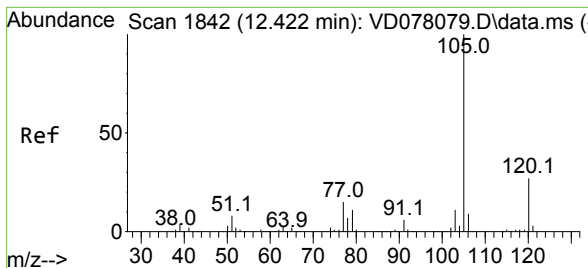
Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.3

150 158.1 0.0 353.6





#73

Isopropylbenzene

Concen: 18.802 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

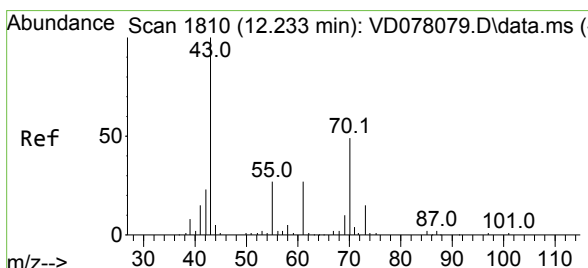
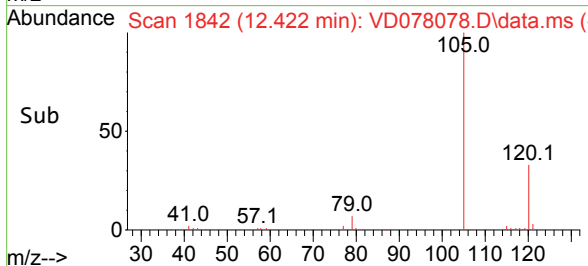
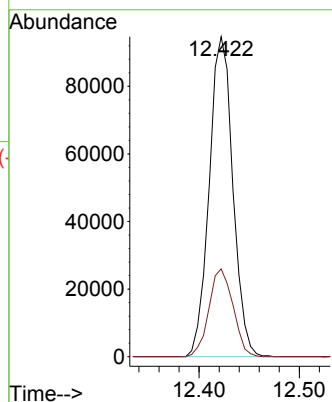
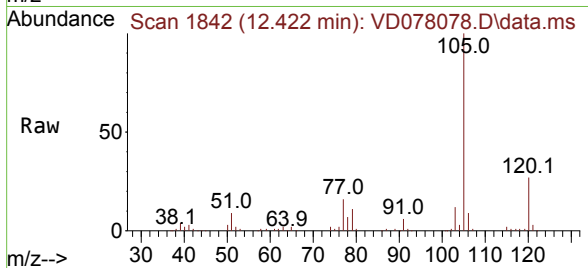
VSTDICC020

Tgt Ion:105 Resp: 155062

Ion Ratio Lower Upper

105 100

120 28.0 14.3 42.9



#74

N-ethyl acetate

Concen: 19.168 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Tgt Ion: 43 Resp: 26242

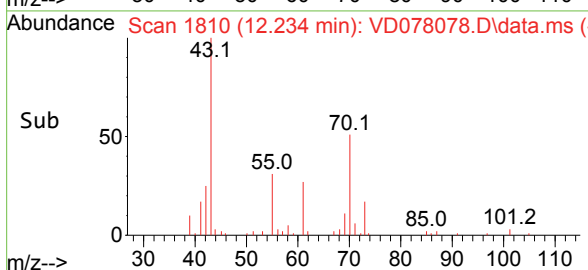
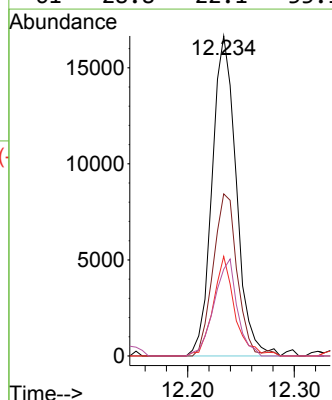
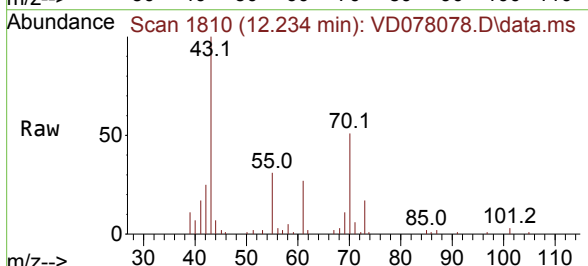
Ion Ratio Lower Upper

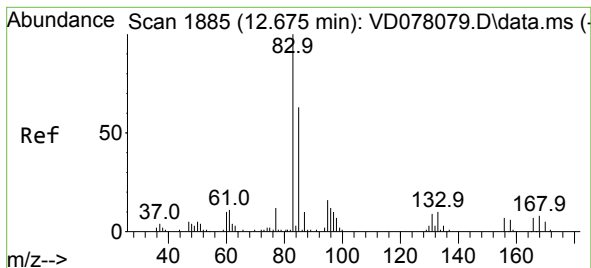
43 100

70 49.9 45.0 67.4

55 27.8 23.8 35.6

61 28.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.029 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

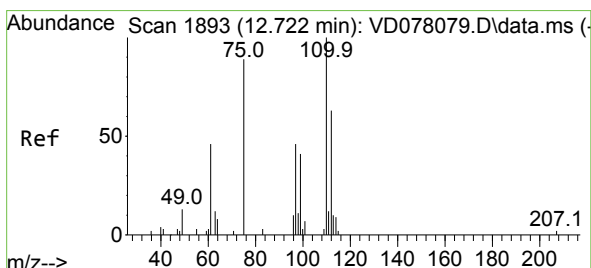
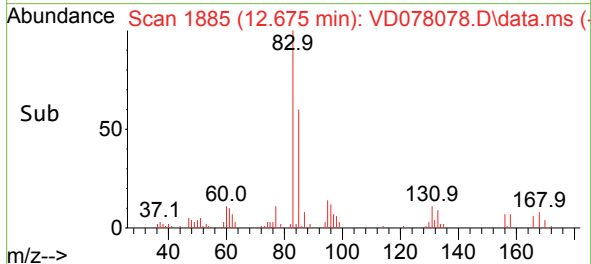
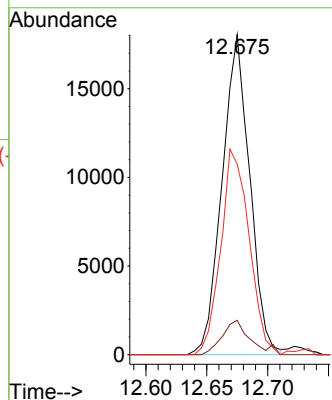
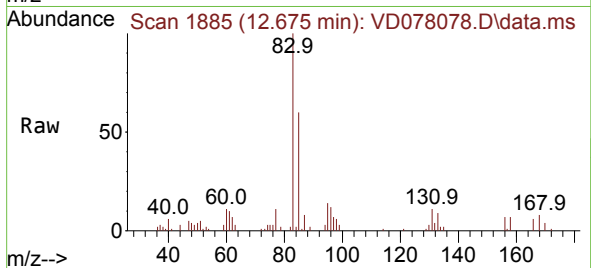
Tgt Ion: 83 Resp: 28522

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 65.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.648 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078078.D

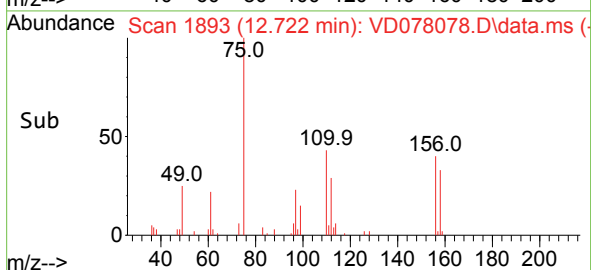
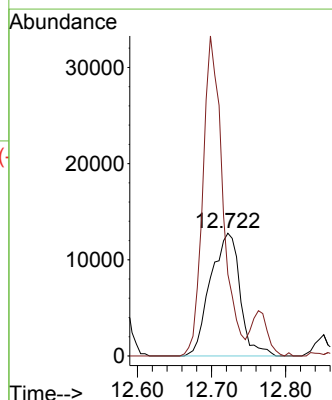
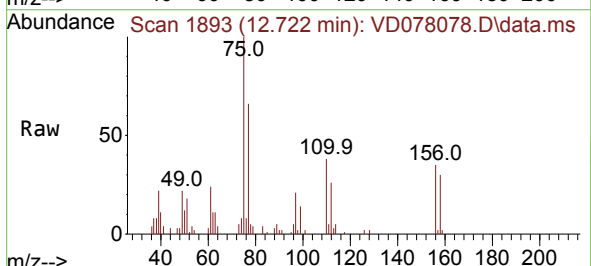
Acq: 26 Dec 2023 12:31

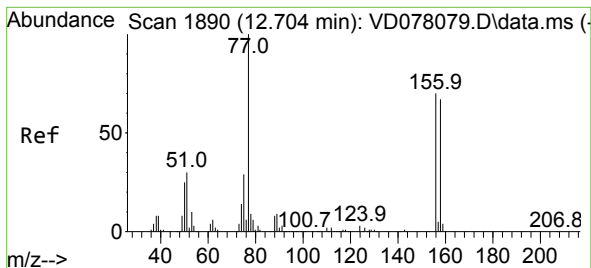
Tgt Ion: 75 Resp: 35449

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.100 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

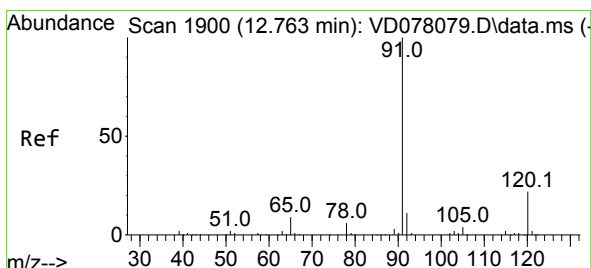
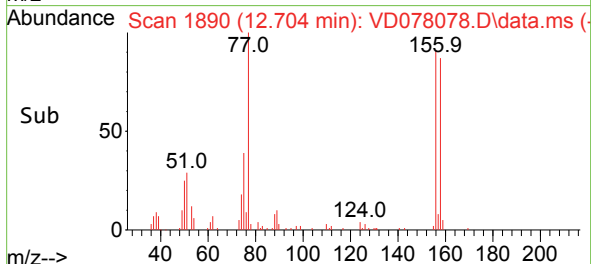
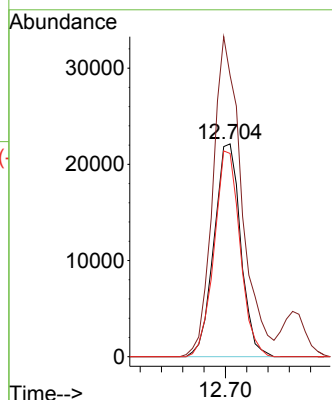
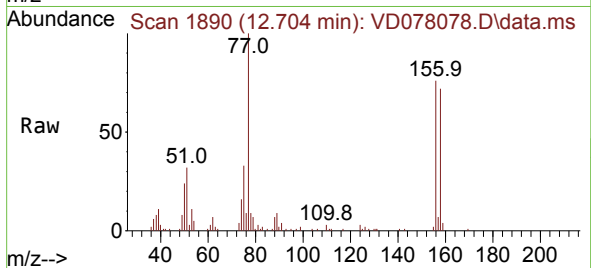
Tgt Ion:156 Resp: 38320

Ion Ratio Lower Upper

156 100

77 162.9 76.8 230.4

158 94.3 48.6 145.9



#78

n-propylbenzene

Concen: 18.969 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078078.D

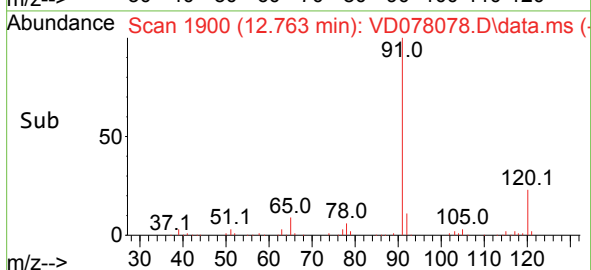
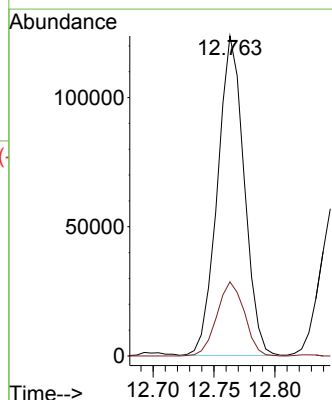
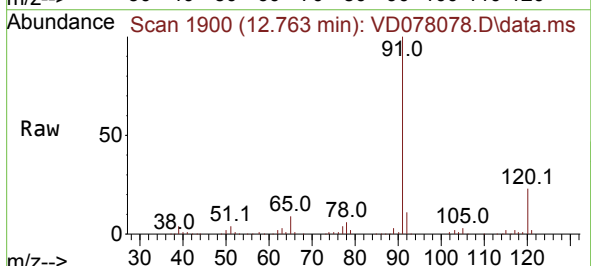
Acq: 26 Dec 2023 12:31

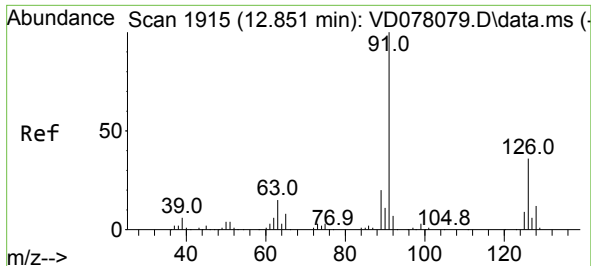
Tgt Ion: 91 Resp: 188303

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2

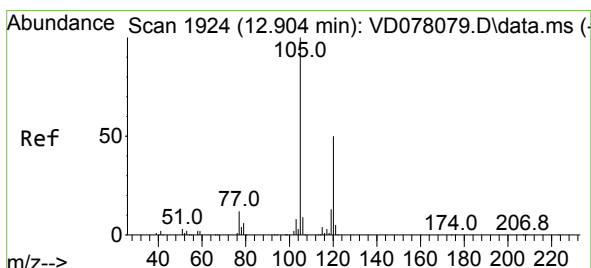
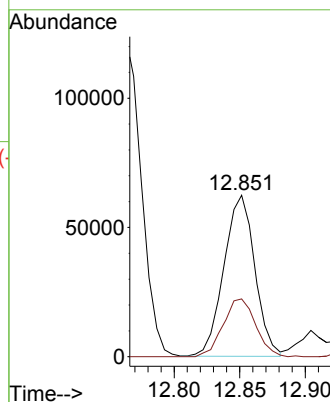
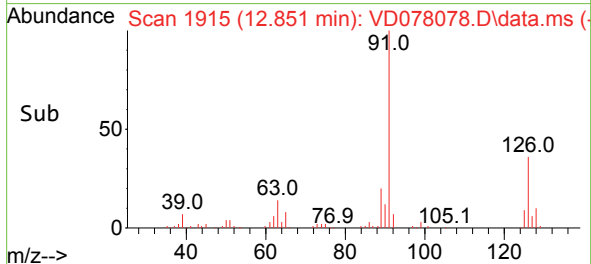
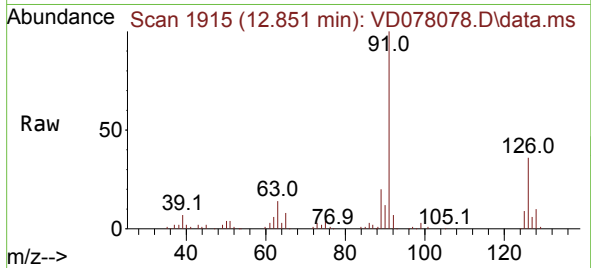




#79
2-Chlorotoluene
Concen: 19.108 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

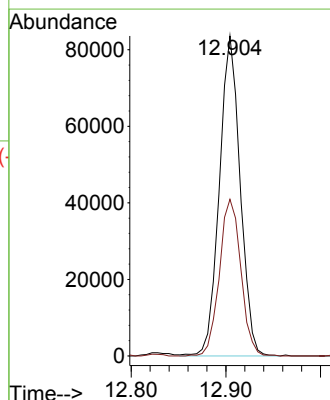
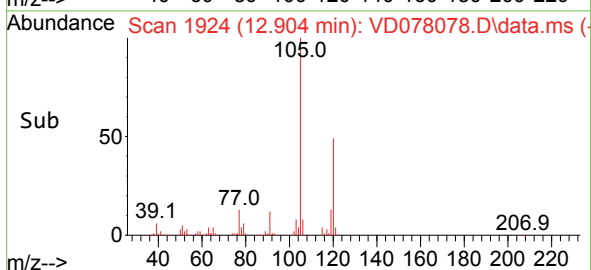
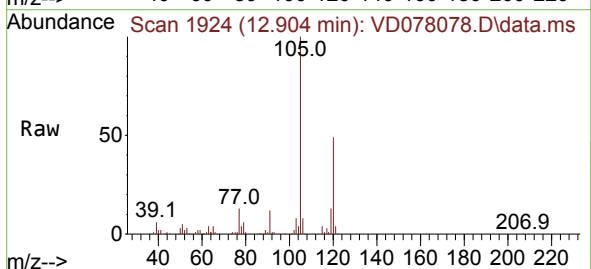
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

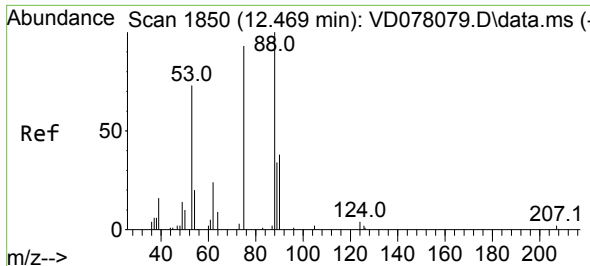
Tgt Ion: 91 Resp: 102595
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.728 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 105 Resp: 127749
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2

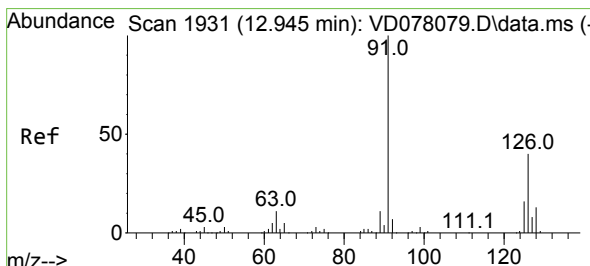
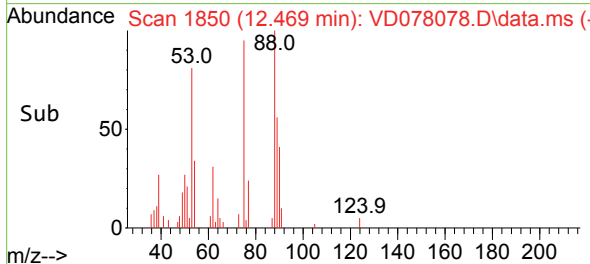
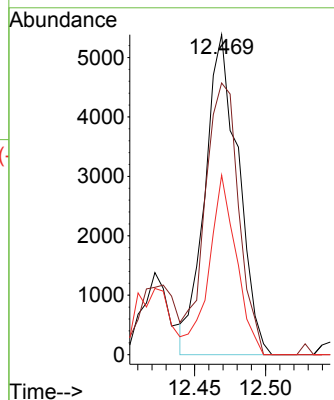
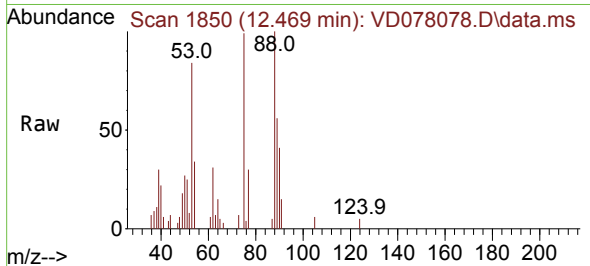




#81
trans-1,4-Dichloro-2-butene
Concen: 18.645 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

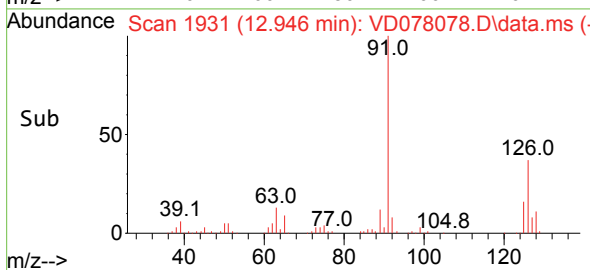
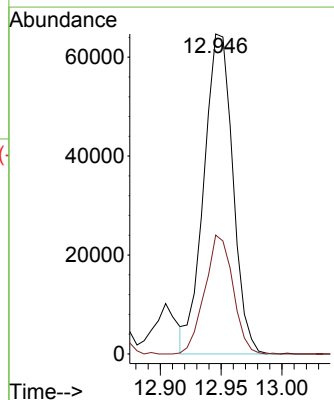
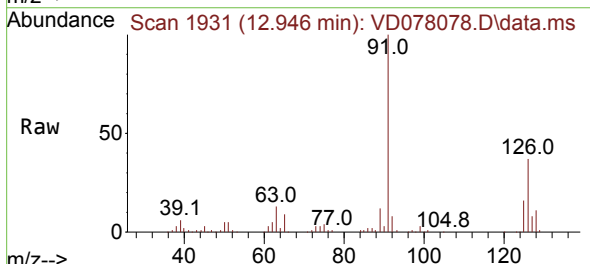
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

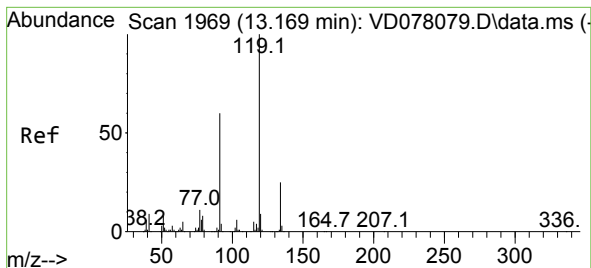
Tgt Ion:	75	Resp:	8741
Ion	Ratio	Lower	Upper
75	100		
53	86.9	63.0	94.4
89	46.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 18.607 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:	91	Resp:	107115
Ion	Ratio	Lower	Upper
91	100		
126	36.1	19.4	58.4





#83

tert-Butylbenzene

Concen: 18.644 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

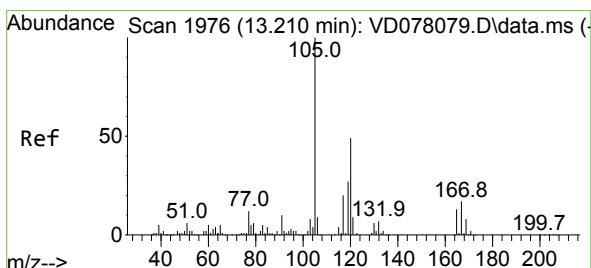
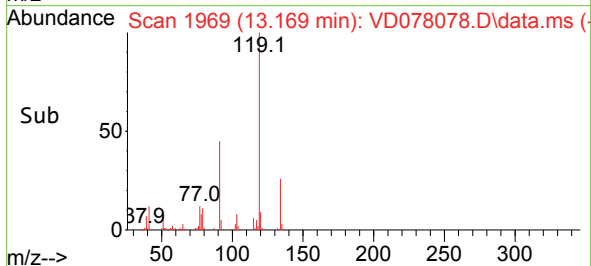
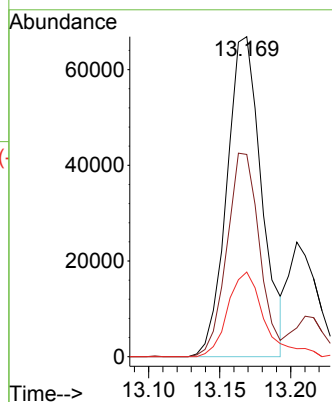
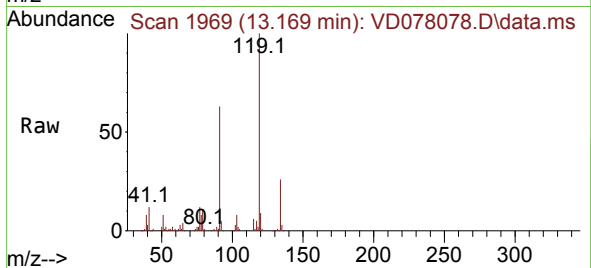
Tgt Ion:119 Resp: 113921

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 27.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.194 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078078.D

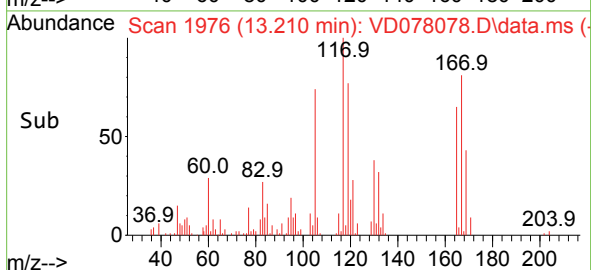
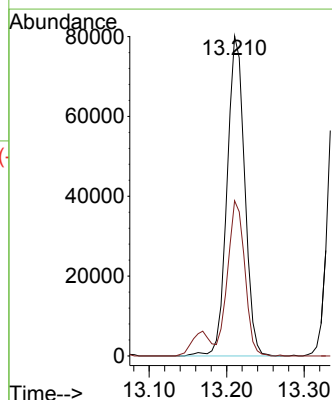
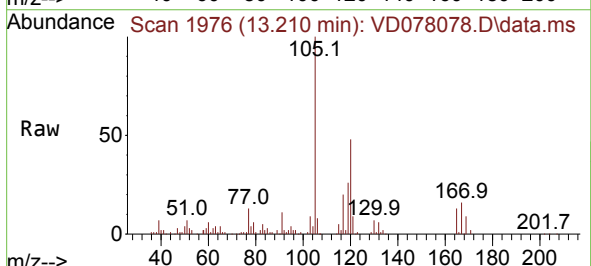
Acq: 26 Dec 2023 12:31

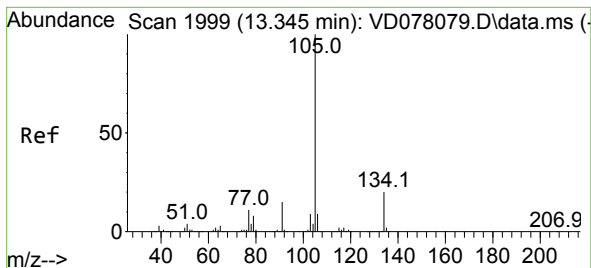
Tgt Ion:105 Resp: 126406

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.094 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

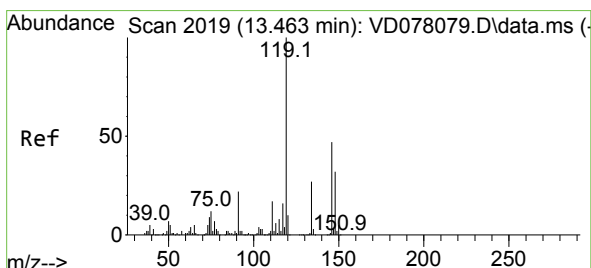
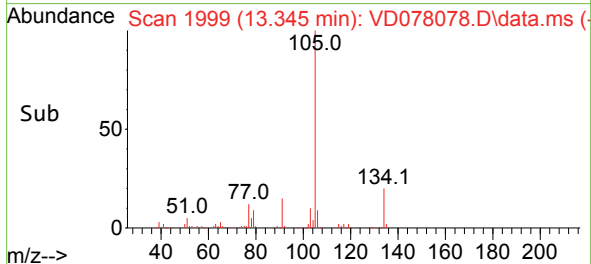
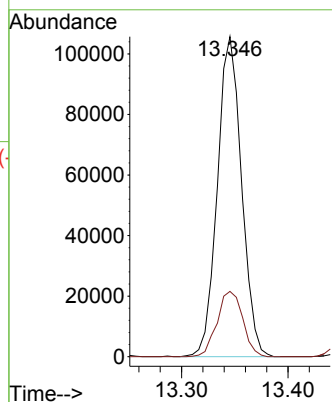
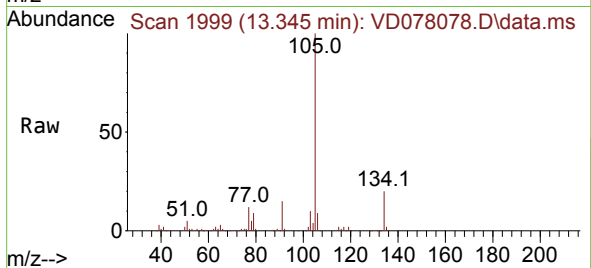
VSTDICC020

Tgt Ion:105 Resp: 166566

Ion Ratio Lower Upper

105 100

134 21.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.812 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

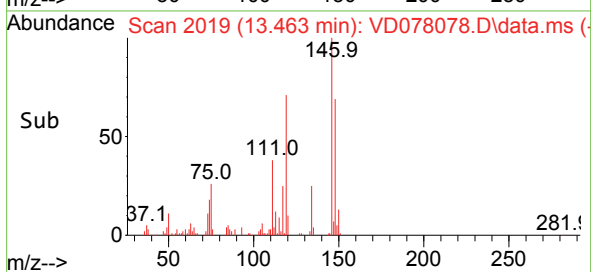
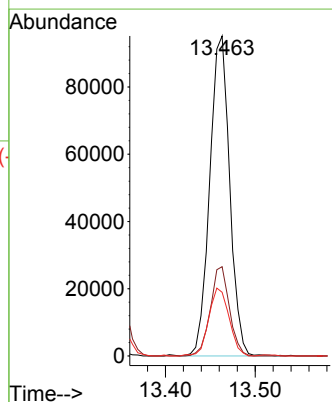
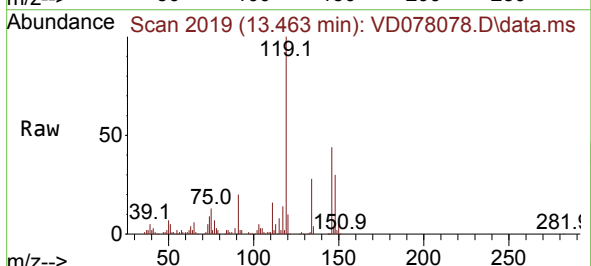
Tgt Ion:119 Resp: 146866

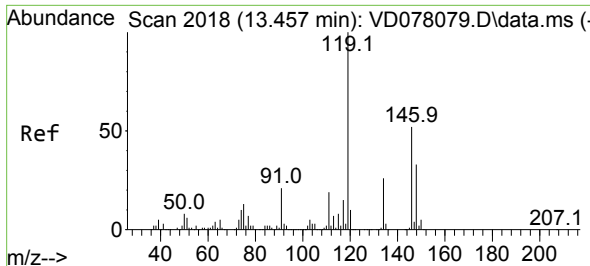
Ion Ratio Lower Upper

119 100

134 26.7 14.2 42.6

91 21.6 10.5 31.5

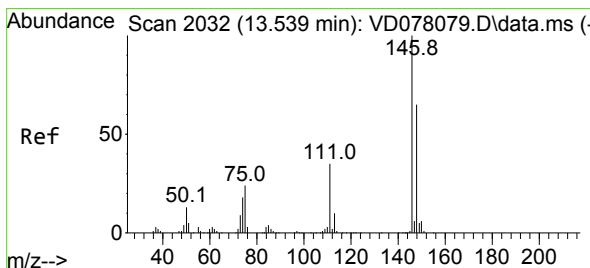
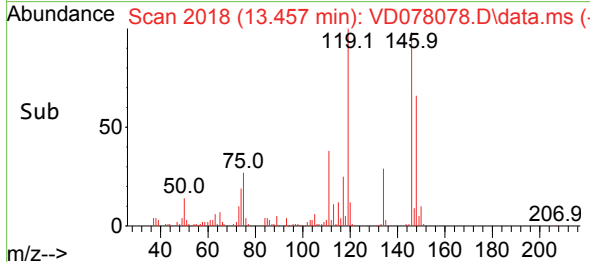
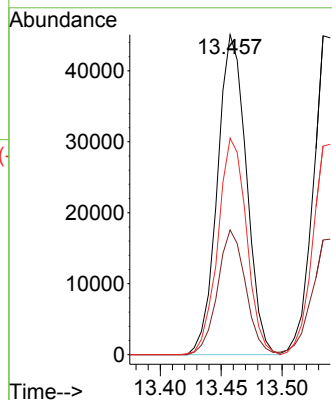
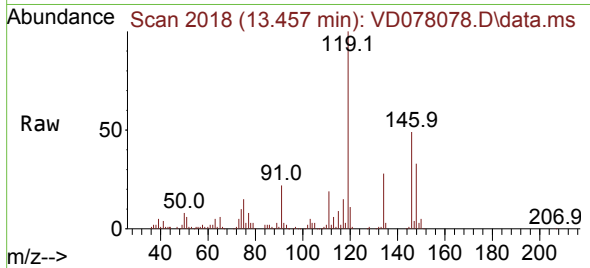




#87
1,3-Dichlorobenzene
Concen: 18.004 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

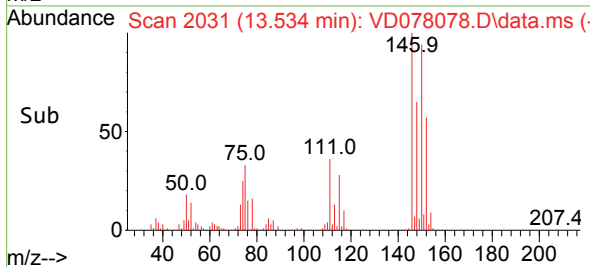
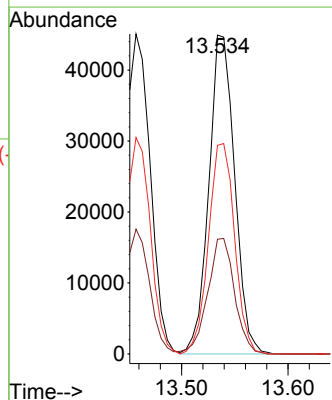
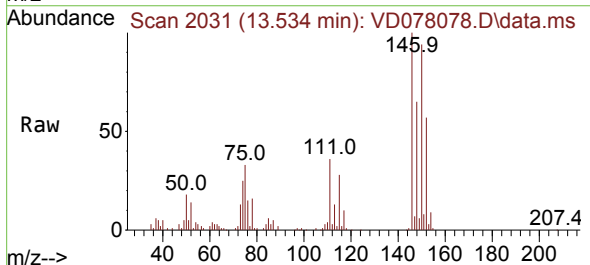
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

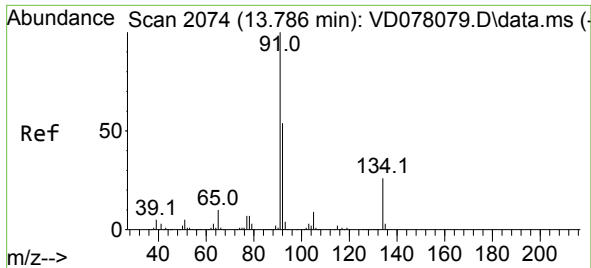
Tgt Ion:146 Resp: 74733
Ion Ratio Lower Upper
146 100
111 37.7 17.9 53.8
148 66.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 18.570 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.005 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:146 Resp: 75599
Ion Ratio Lower Upper
146 100
111 37.8 17.4 52.3
148 66.8 31.7 95.1

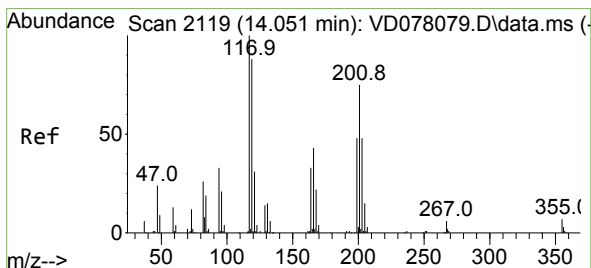
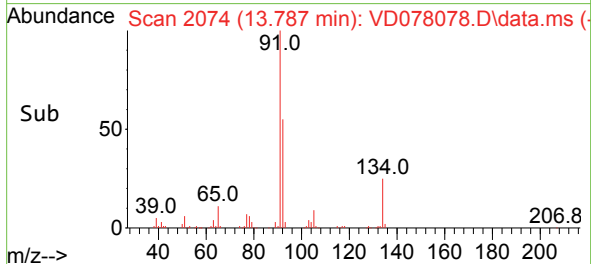
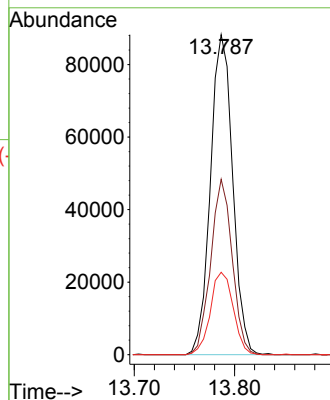
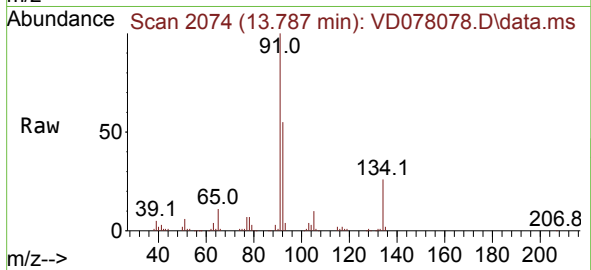




#89
n-Butylbenzene
Concen: 18.988 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

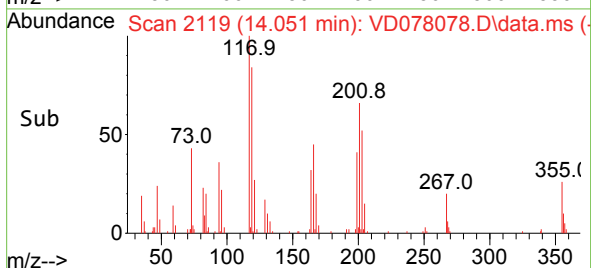
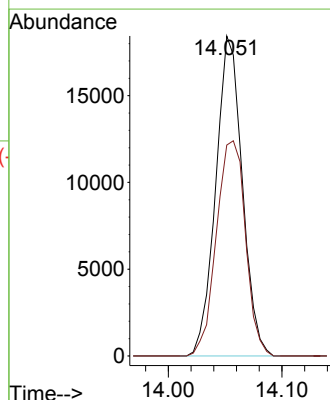
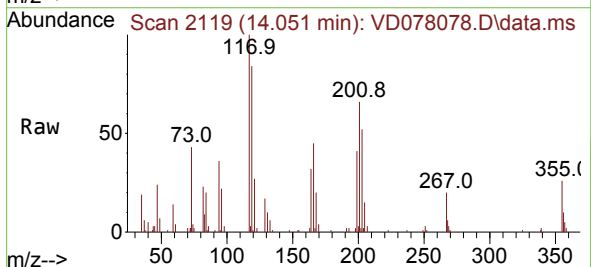
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

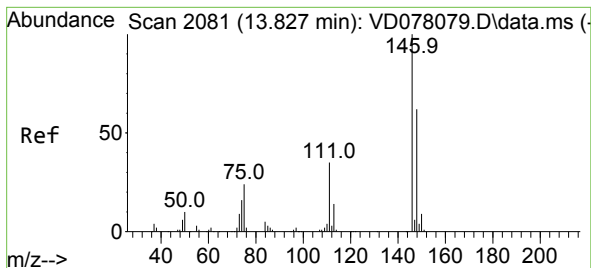
Tgt Ion: 91 Resp: 136066
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 26.5 13.8 41.3



#90
Hexachloroethane
Concen: 19.181 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion: 117 Resp: 29937
Ion Ratio Lower Upper
117 100
201 73.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 18.178 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

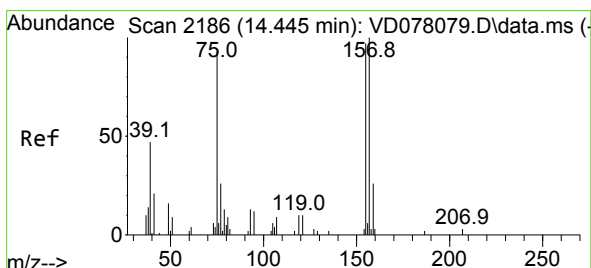
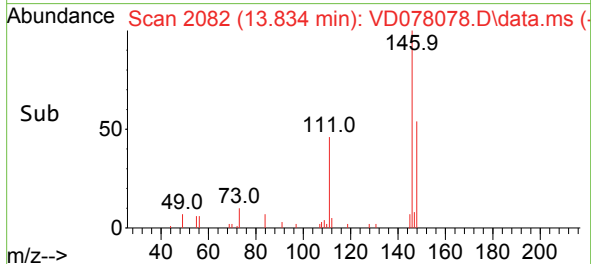
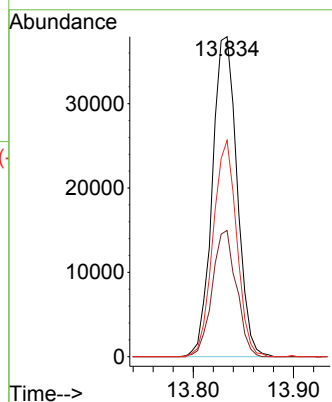
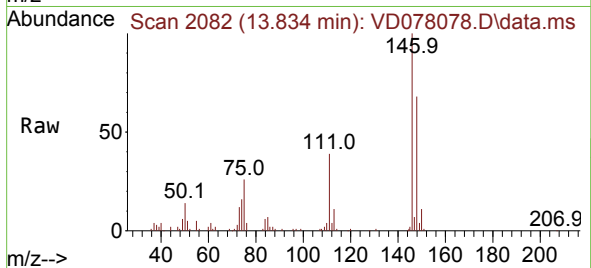
Tgt Ion:146 Resp: 64803

Ion Ratio Lower Upper

146 100

111 38.7 18.3 54.8

148 64.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.235 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

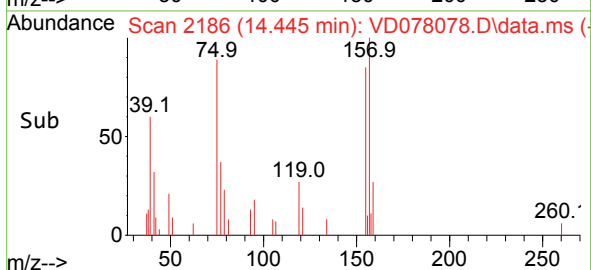
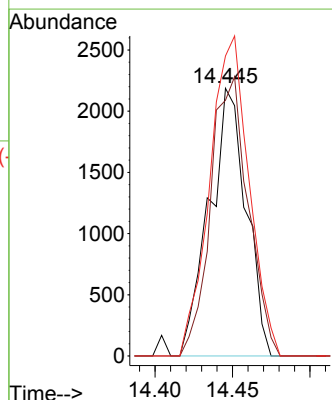
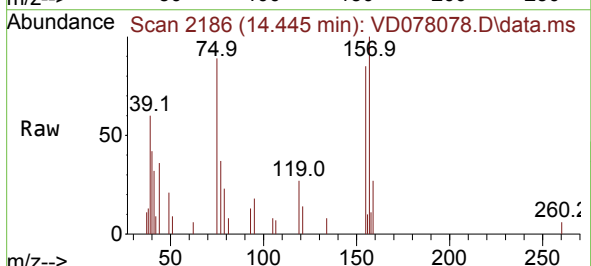
Tgt Ion: 75 Resp: 3618

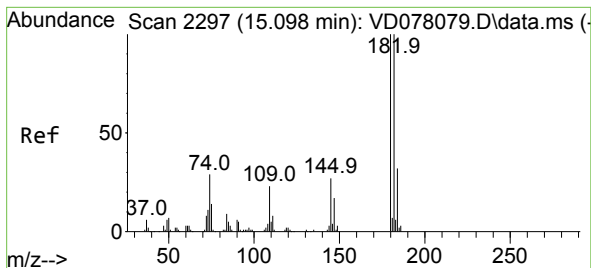
Ion Ratio Lower Upper

75 100

155 106.5 47.9 143.8

157 127.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.487 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

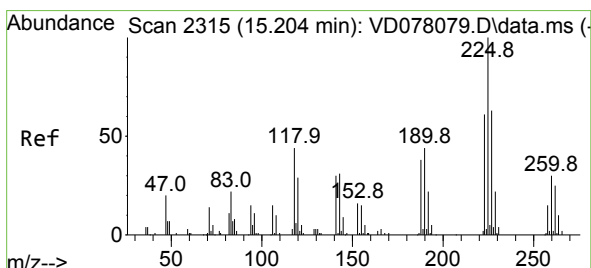
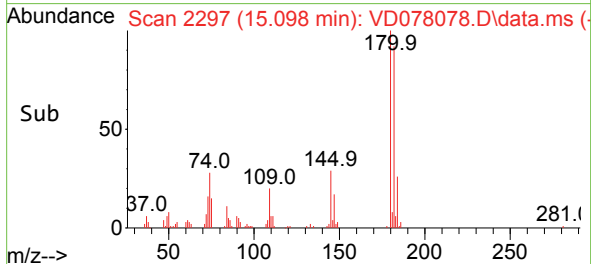
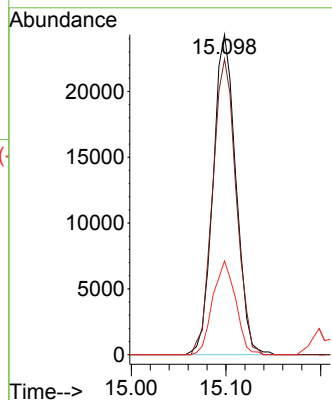
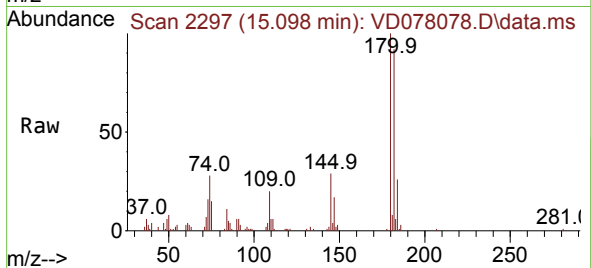
Tgt Ion:180 Resp: 40700

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.524 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.005 min

Lab File: VD078078.D

Acq: 26 Dec 2023 12:31

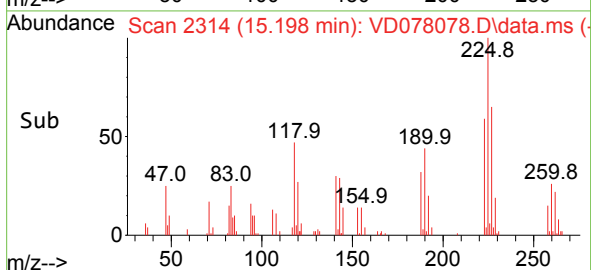
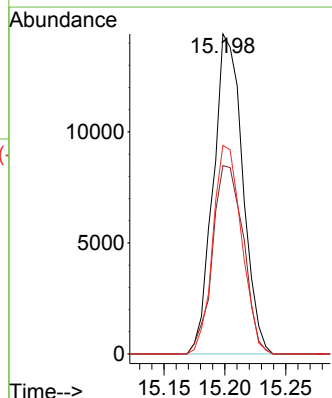
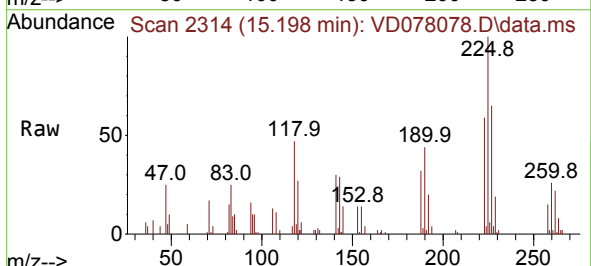
Tgt Ion:225 Resp: 24223

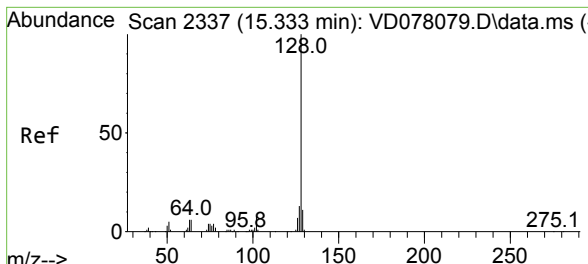
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 63.5 31.7 95.1

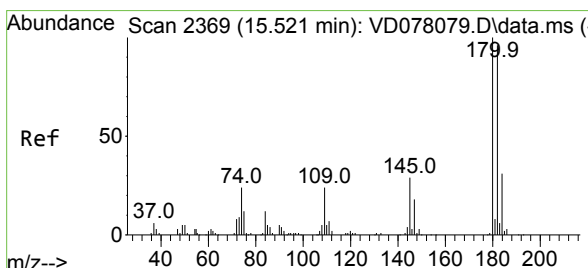
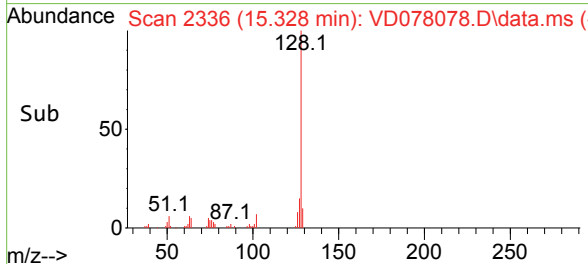
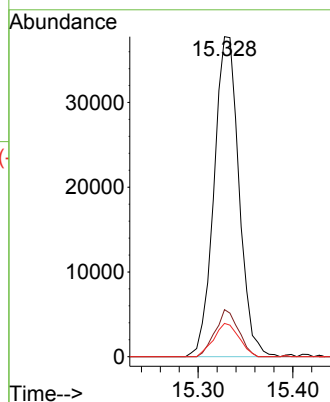
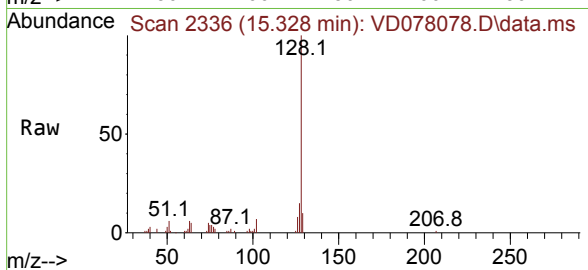




#95
Naphthalene
Concen: 17.470 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 69222
Ion Ratio Lower Upper
128 100
127 14.7 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.318 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078078.D
Acq: 26 Dec 2023 12:31

Tgt Ion:180 Resp: 36176
Ion Ratio Lower Upper
180 100
182 91.0 47.3 141.9
145 29.1 15.1 45.3

