

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077850.D
 Acq On : 12 Dec 2023 18:49
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 13 03:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	129008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	225840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81072	53.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.804	113	82665	52.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.275	98	336162	53.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.575	95	102332	54.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71849	44.585	ug/l	95
3) Chloromethane	2.152	50	114020	51.907	ug/l	98
4) Vinyl Chloride	2.287	62	153641	51.522	ug/l	99
5) Bromomethane	2.699	94	99219	59.296	ug/l	99
6) Chloroethane	2.840	64	107573	52.912	ug/l	96
7) Trichlorofluoromethane	3.181	101	136916	49.852	ug/l	94
8) Diethyl Ether	3.593	74	42634	55.283	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.981	101	81497	51.869	ug/l	97
10) Methyl Iodide	4.169	142	89262	62.823	ug/l	92
11) Tert butyl alcohol	5.052	59	19908	272.983	ug/l	99
12) 1,1-Dichloroethene	3.946	96	82167	52.986	ug/l	85
13) Acrolein	3.799	56	34936	217.255	ug/l	96
14) Allyl chloride	4.569	41	115045	53.942	ug/l	91
15) Acrylonitrile	5.258	53	95774	290.052	ug/l	96
16) Acetone	4.016	43	86260	264.371	ug/l #	83
17) Carbon Disulfide	4.275	76	265665	50.638	ug/l	98
18) Methyl Acetate	4.569	43	71076	59.368	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	188037	57.153	ug/l	99
20) Methylene Chloride	4.805	84	100130	56.221	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	96521	54.953	ug/l	86
22) Diisopropyl ether	6.216	45	255324	57.287	ug/l	94
23) Vinyl Acetate	6.157	43	615860	282.961	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	164255	54.421	ug/l	97
25) 2-Butanone	7.087	43	115965	279.272	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	133938	52.854	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	109155	57.755	ug/l	90
28) Bromochloromethane	7.434	49	61434	50.372	ug/l #	80
29) Tetrahydrofuran	7.446	42	70549	291.436	ug/l	86
30) Chloroform	7.599	83	171070	56.632	ug/l	100
31) Cyclohexane	7.881	56	134010	49.562	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	142532	53.524	ug/l	98
36) 1,1-Dichloropropene	8.010	75	131123	51.819	ug/l	96
37) Ethyl Acetate	7.169	43	48083	48.734	ug/l	95
38) Carbon Tetrachloride	7.993	117	129601	51.375	ug/l	95
39) Methylcyclohexane	9.275	83	160903	53.639	ug/l	93
40) Benzene	8.251	78	395042	55.006	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30782	61.383	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	103579	55.639	ug/l	93
43) Isopropyl Acetate	8.363	43	96211	54.855	ug/l #	90
44) Trichloroethene	9.034	130	99873	53.364	ug/l	95
45) 1,2-Dichloropropane	9.304	63	97321	55.744	ug/l	100
46) Dibromomethane	9.398	93	52326	56.645	ug/l	92
47) Bromodichloromethane	9.587	83	128266	54.781	ug/l	97
48) Methyl methacrylate	9.381	41	56141	56.310	ug/l #	77
49) 1,4-Dioxane	9.381	88	9525	1038.412	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	246065	274.895	ug/l	90
52) Toluene	10.334	92	252195	56.611	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	131219	58.360	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	153166	56.343	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	70959	56.158	ug/l	95
56) Ethyl methacrylate	10.598	69	63387	56.907	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	123067	56.504	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	175783	276.731	ug/l	93
59) 2-Hexanone	10.922	43	177721	239.311	ug/l	90
60) Dibromochloromethane	11.075	129	84777	55.727	ug/l	91
61) 1,2-Dibromoethane	11.181	107	68173	57.316	ug/l	99
64) Tetrachloroethene	10.810	164	84488	52.620	ug/l	98
65) Chlorobenzene	11.610	112	265154	51.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97532	53.689	ug/l	95
67) Ethyl Benzene	11.687	91	479290	52.699	ug/l	99
68) m/p-Xylenes	11.792	106	371186	106.697	ug/l	91
69) o-Xylene	12.122	106	172769	53.886	ug/l	91
70) Styrene	12.139	104	265296	55.647	ug/l	94
71) Bromoform	12.298	173	51442	54.196	ug/l #	100
73) Isopropylbenzene	12.422	105	459624	52.183	ug/l	96
74) N-amyl acetate	12.234	43	86501	49.961	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	80400	52.352	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	102072	101.130	ug/l #	100
77) Bromobenzene	12.704	156	107116	51.703	ug/l	91
78) n-propylbenzene	12.763	91	563021	52.458	ug/l	97
79) 2-Chlorotoluene	12.851	91	299892	52.139	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	386139	52.564	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26950	54.099	ug/l	94
82) 4-Chlorotoluene	12.945	91	324336	53.939	ug/l	94
83) tert-Butylbenzene	13.169	119	329453	53.122	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	398719	54.266	ug/l	96
85) sec-Butylbenzene	13.345	105	492448	53.718	ug/l	96
86) p-Isopropyltoluene	13.463	119	448810	54.682	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	223821	52.829	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	218235	51.660	ug/l	99
89) n-Butylbenzene	13.786	91	419080	54.263	ug/l	99
90) Hexachloroethane	14.051	117	83006	54.991	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	186552	51.774	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11878	53.460	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	123719	50.268	ug/l	99
94) Hexachlorobutadiene	15.204	225	69604	52.445	ug/l	99
95) Naphthalene	15.333	128	222081	54.308	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	103710	51.113	ug/l	97

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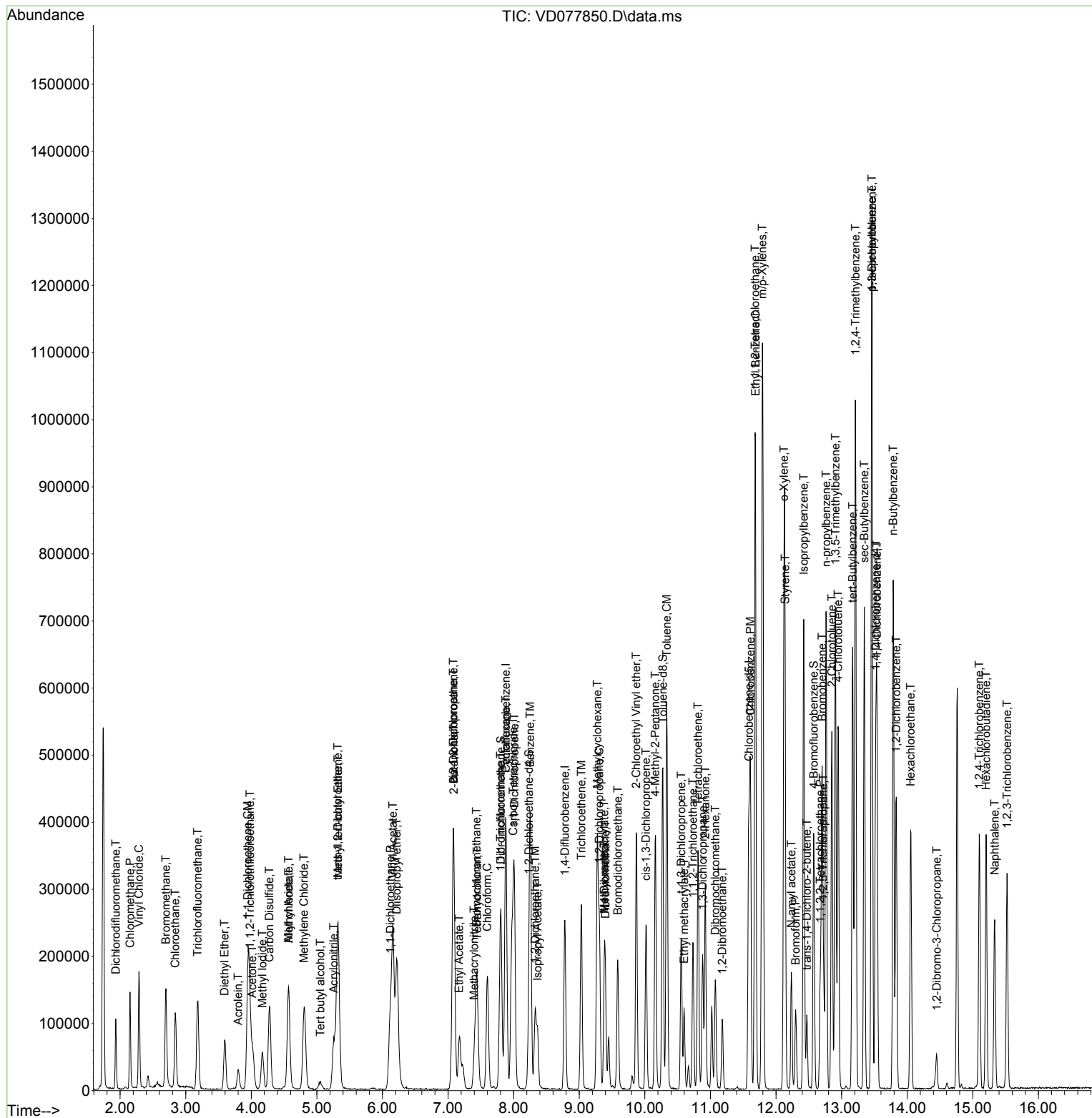
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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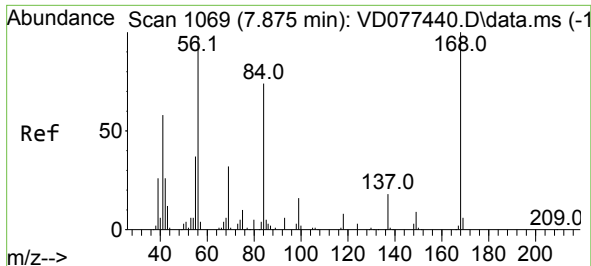
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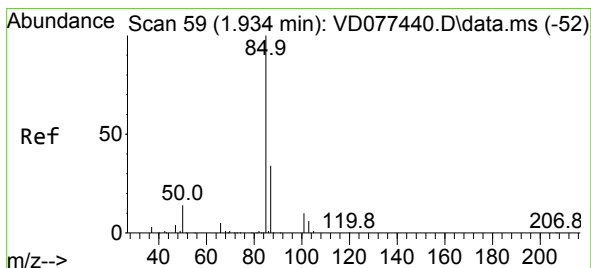
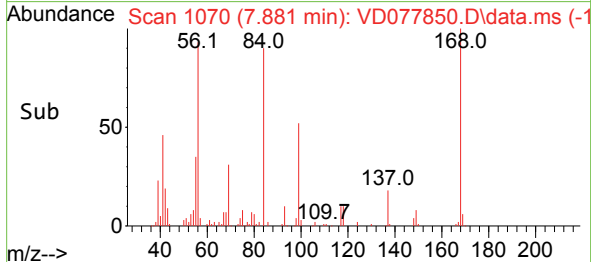
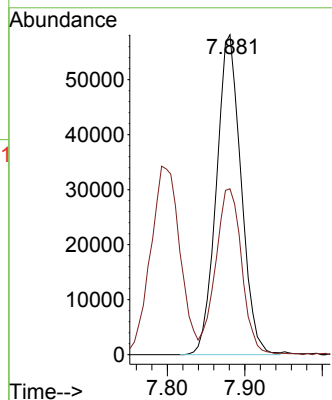
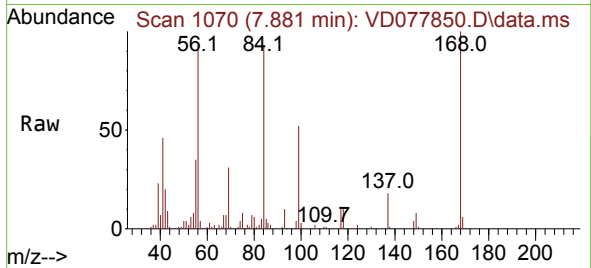




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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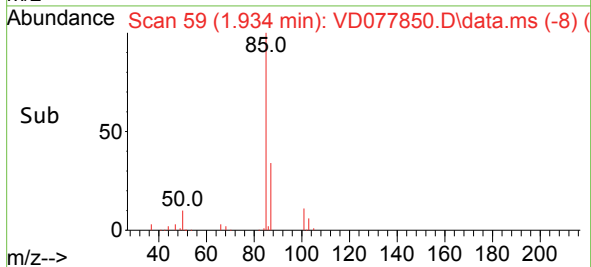
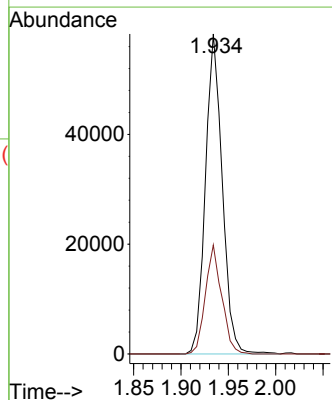
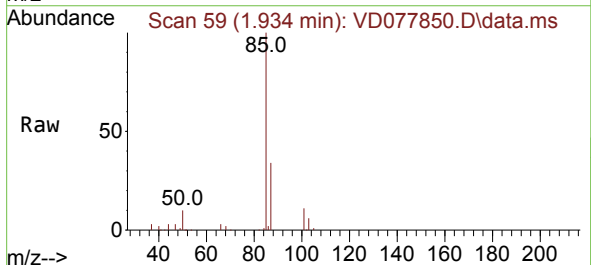
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 129008
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.585 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 85 Resp: 71849
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.0

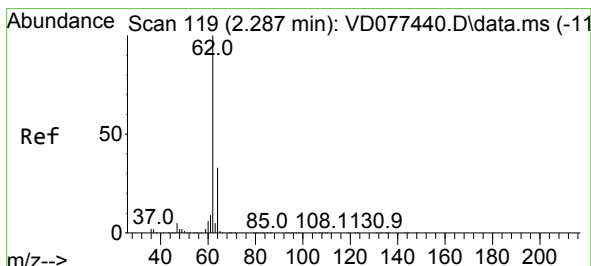
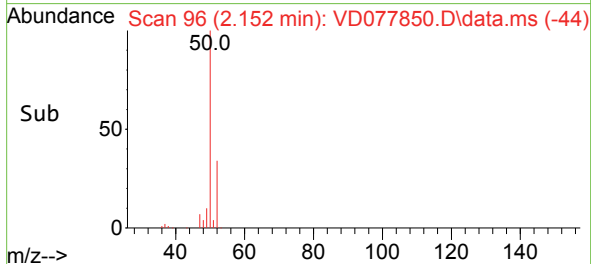
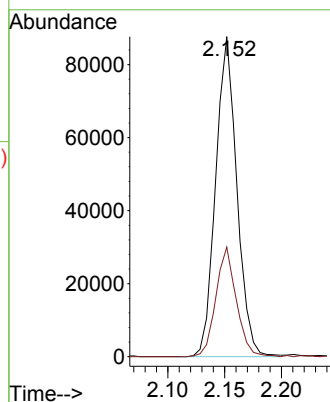
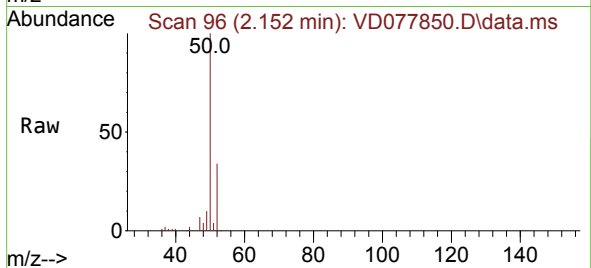




#3
Chloromethane
Concen: 51.907 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

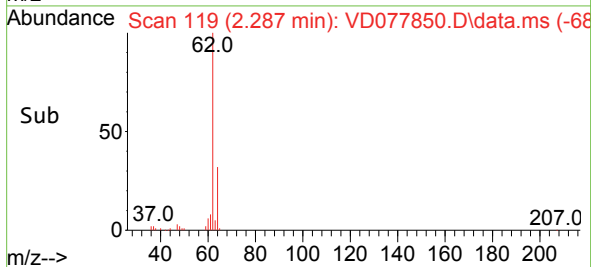
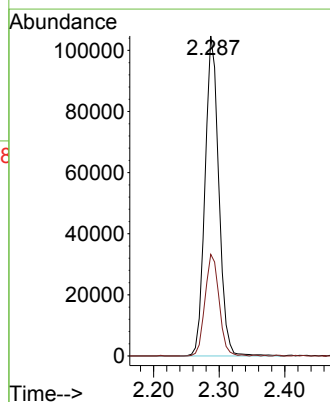
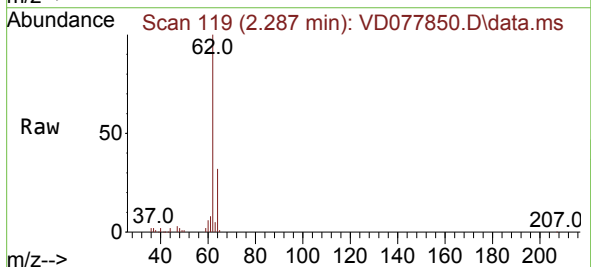
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 114020
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 51.522 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 62 Resp: 153641
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

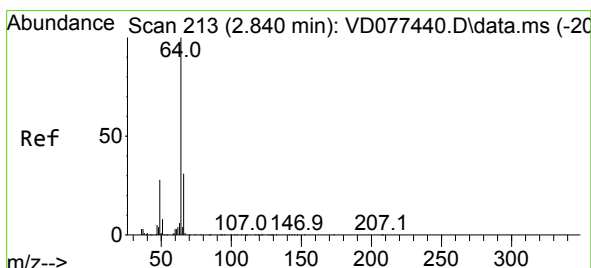
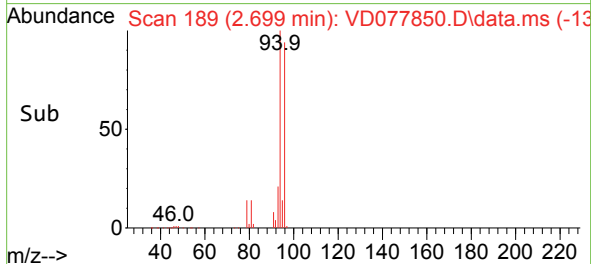
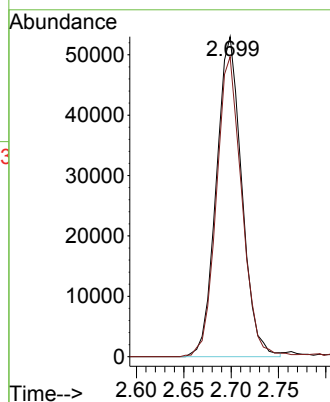
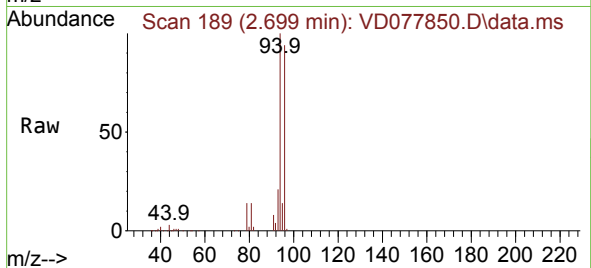




#5
Bromomethane
Concen: 59.296 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

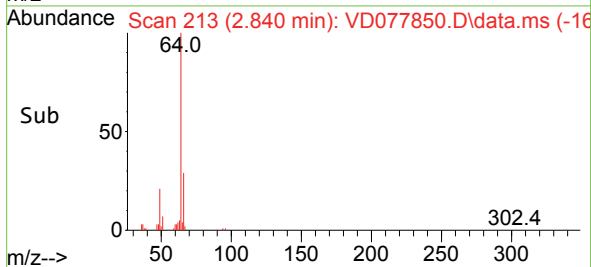
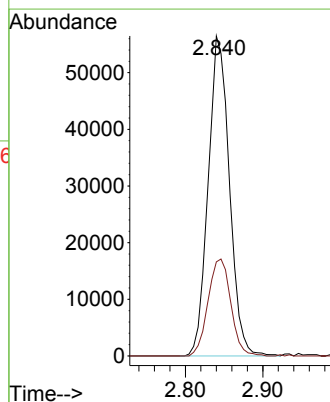
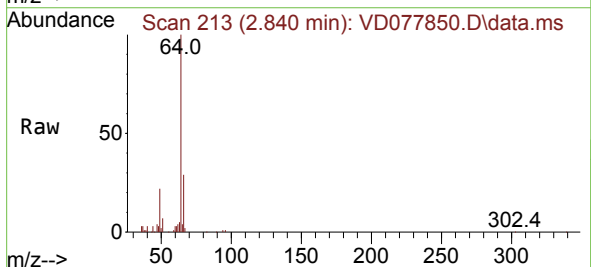
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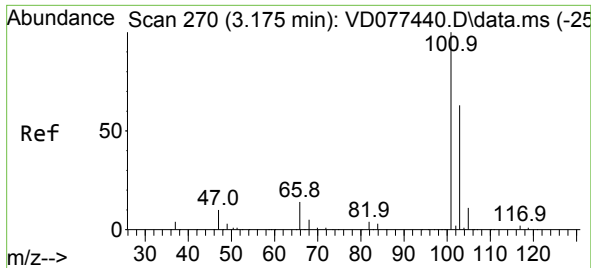
Tgt Ion: 94 Resp: 99219
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 52.912 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 64 Resp: 107573
Ion Ratio Lower Upper
64 100
66 29.4 25.5 38.3

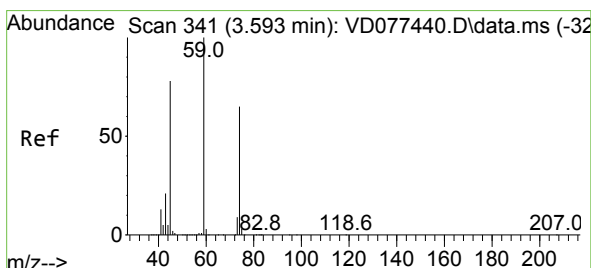
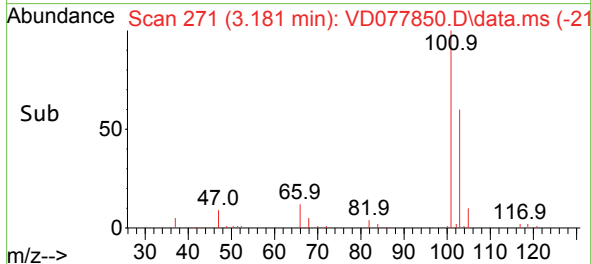
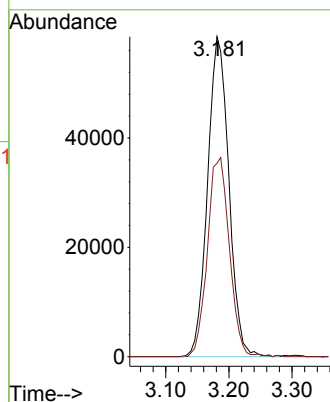
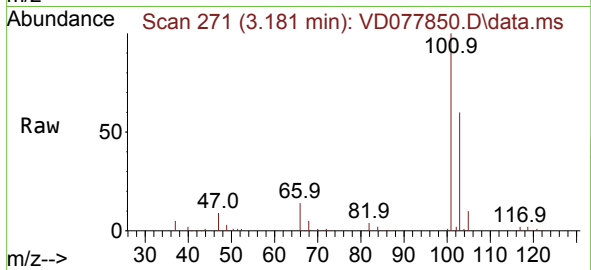




#7
 Trichlorofluoromethane
 Concen: 49.852 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077850.D
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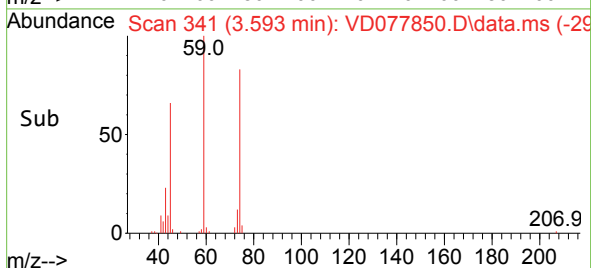
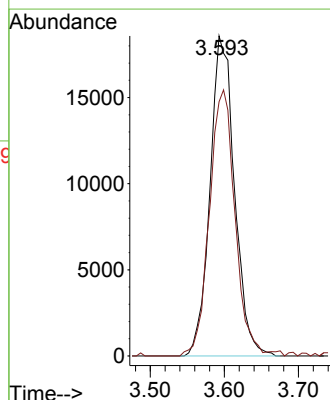
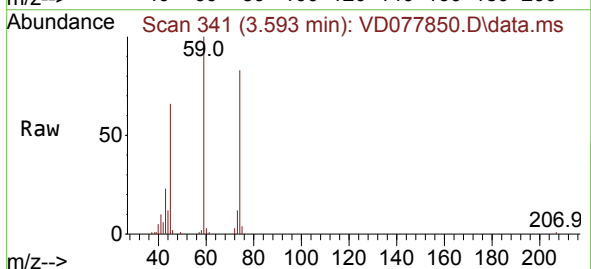
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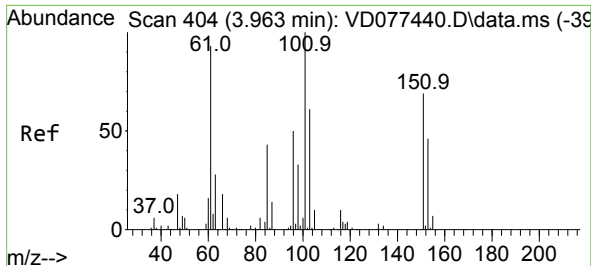
Tgt Ion:101 Resp: 136916
 Ion Ratio Lower Upper
 101 100
 103 60.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 55.283 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 42634
 Ion Ratio Lower Upper
 74 100
 45 86.7 37.5 112.7

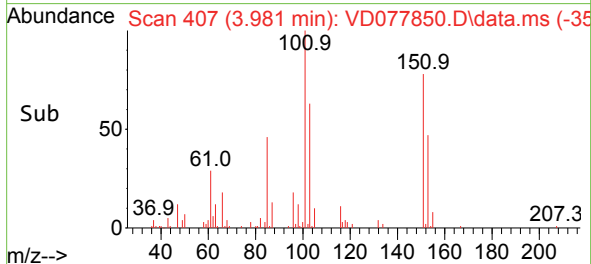
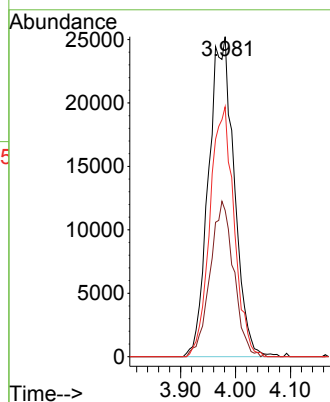
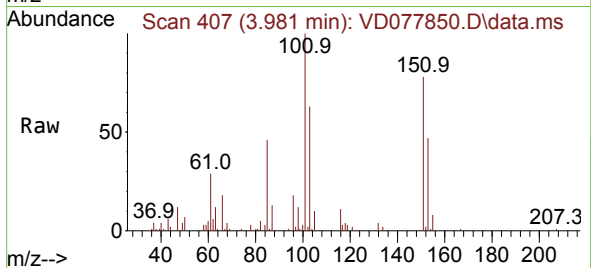




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.869 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD077850.D
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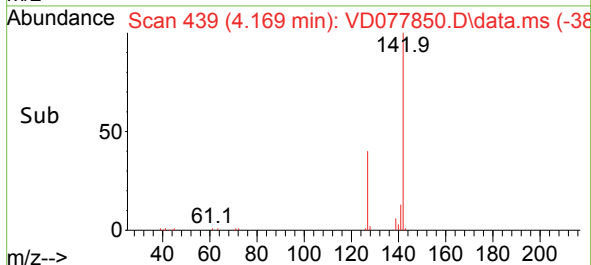
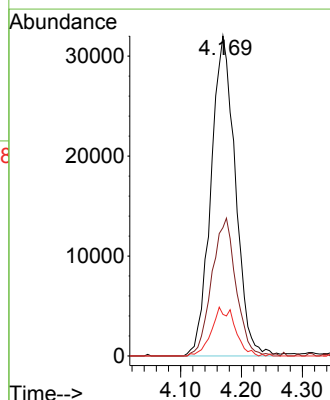
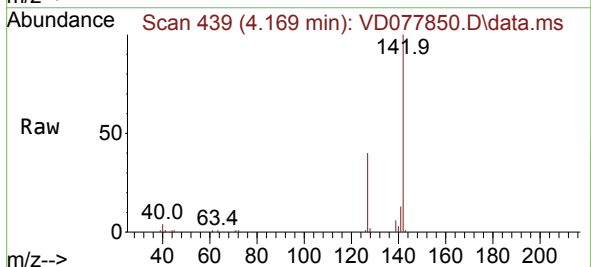
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

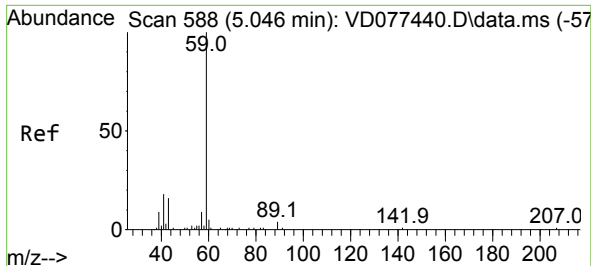
Tgt Ion:101 Resp: 81497
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 73.4 59.8 89.6



#10
Methyl Iodide
Concen: 62.823 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:142 Resp: 89262
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.7 11.1 16.7

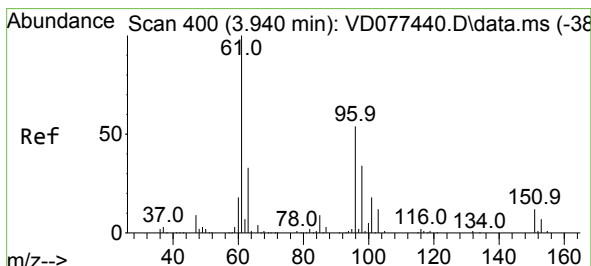
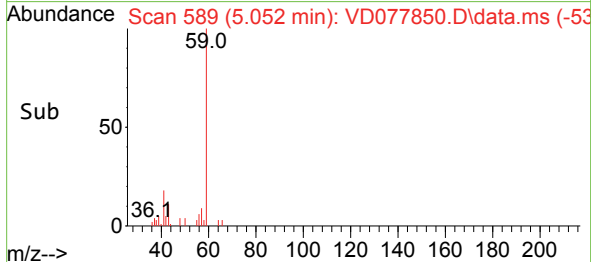
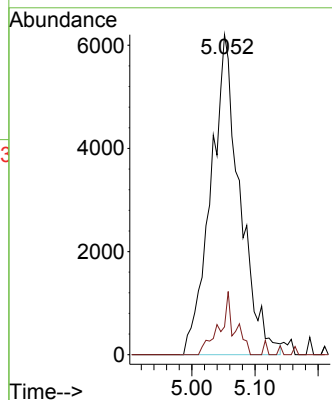
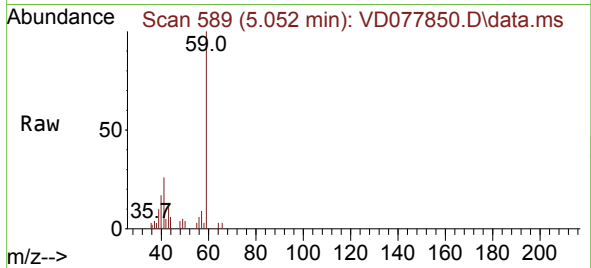




#11
Tert butyl alcohol
Concen: 272.983 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

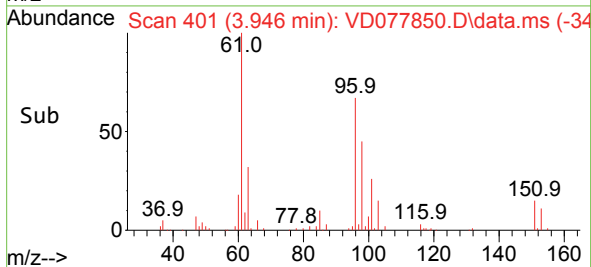
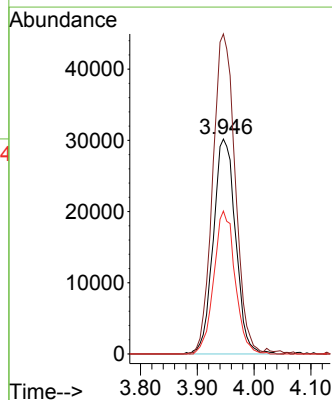
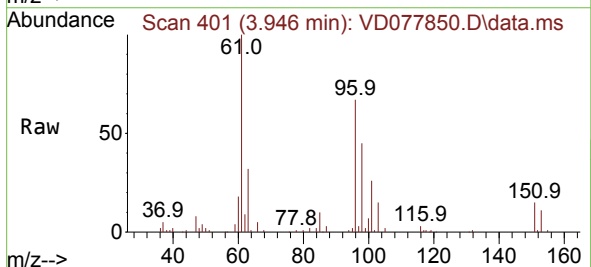
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 19908
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 52.986 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 96 Resp: 82167
Ion Ratio Lower Upper
96 100
61 148.9 100.6 150.8
98 66.5 50.2 75.2

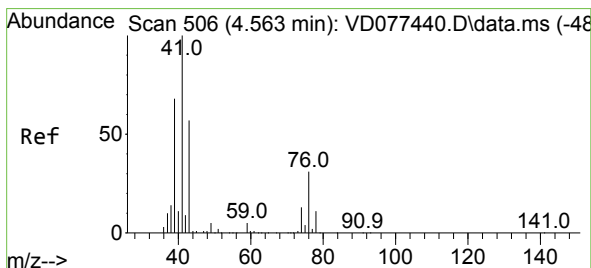
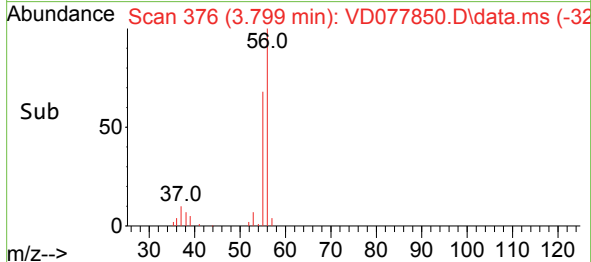
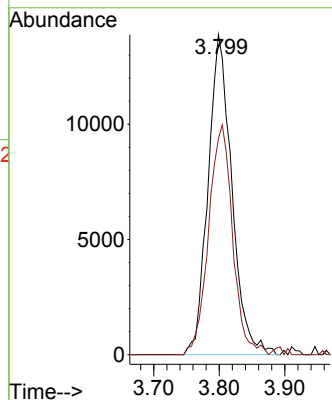
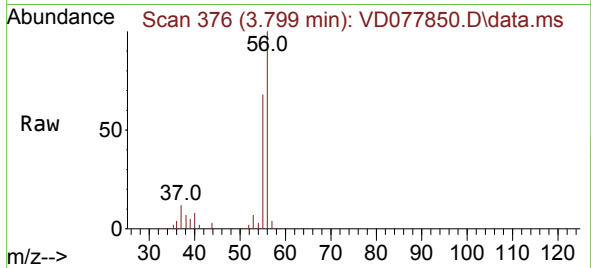




#13
Acrolein
Concen: 217.255 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

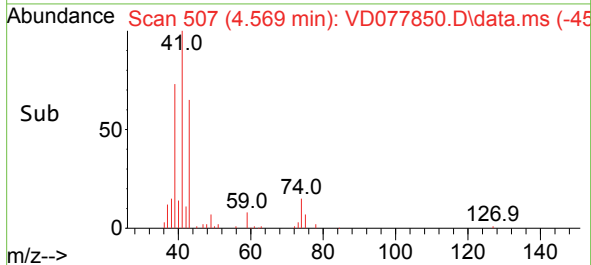
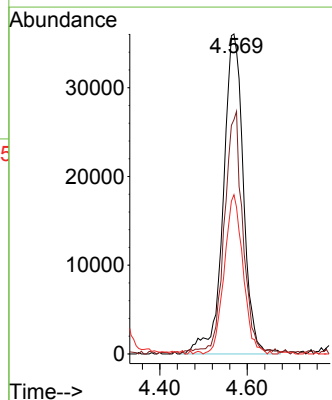
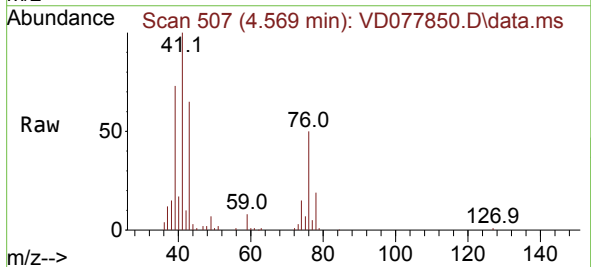
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

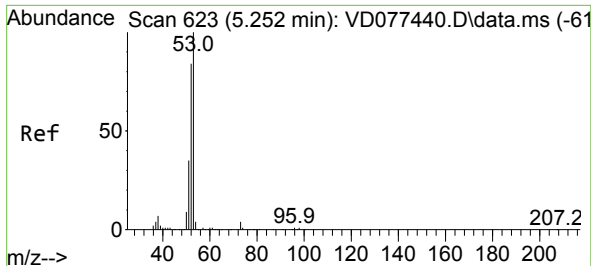
Tgt Ion: 56 Resp: 34936
Ion Ratio Lower Upper
56 100
55 72.5 55.1 82.7



#14
Allyl chloride
Concen: 53.942 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 41 Resp: 115045
Ion Ratio Lower Upper
41 100
39 70.2 53.8 80.6
76 46.3 45.8 68.8

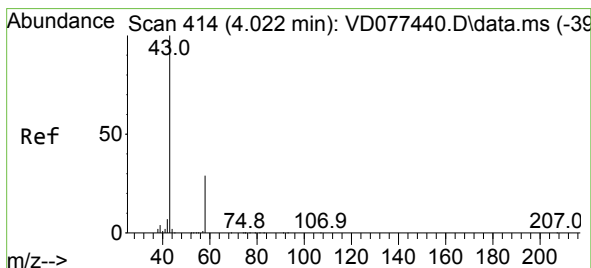
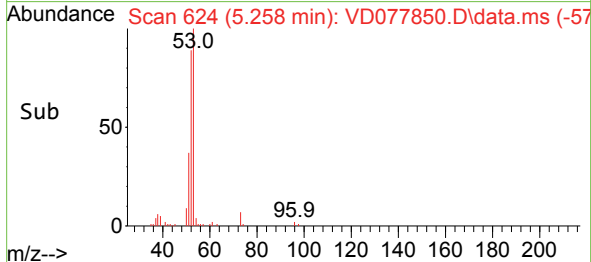
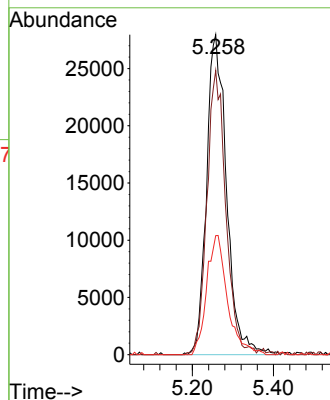
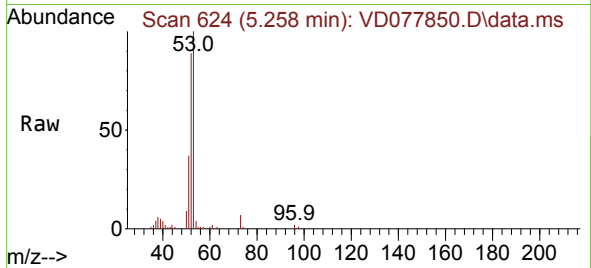




#15
Acrylonitrile
Concen: 290.052 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

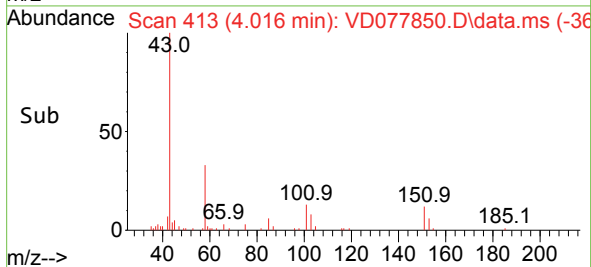
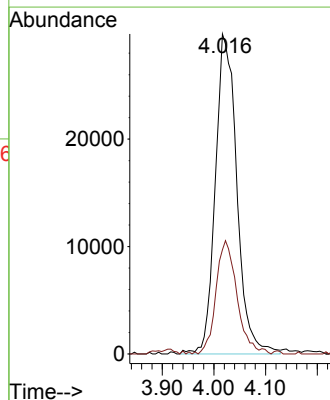
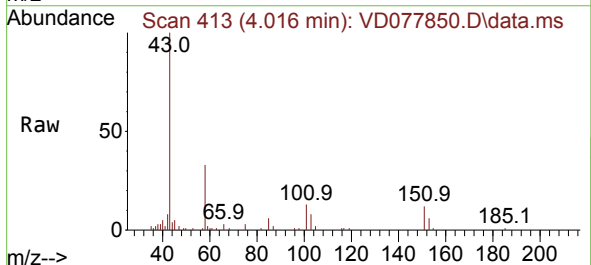
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

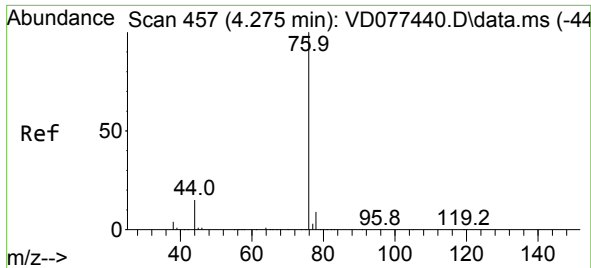
Tgt Ion: 53 Resp: 95774
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 38.7 28.3 42.5



#16
Acetone
Concen: 264.371 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 43 Resp: 86260
Ion Ratio Lower Upper
43 100
58 32.6 34.7 52.1#





#17

Carbon Disulfide

Concen: 50.638 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

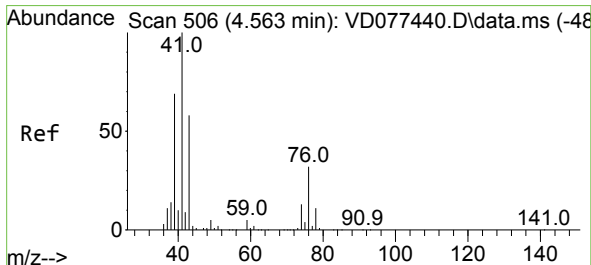
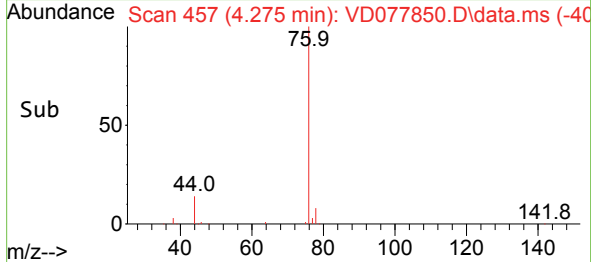
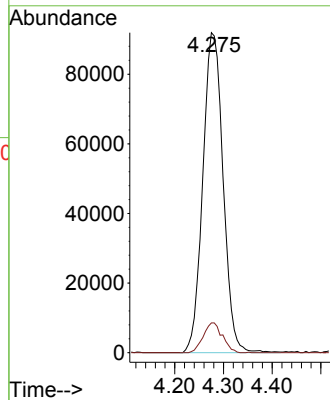
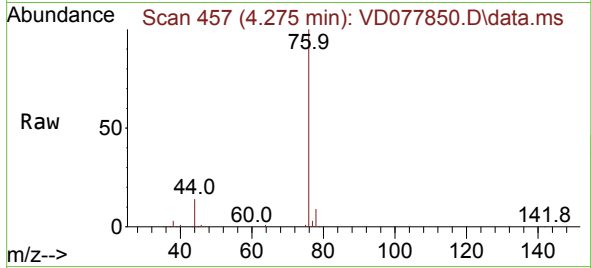
VSTDCCC050EC

Tgt Ion: 76 Resp: 265665

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 59.368 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077850.D

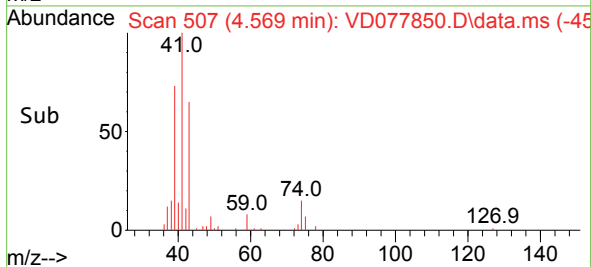
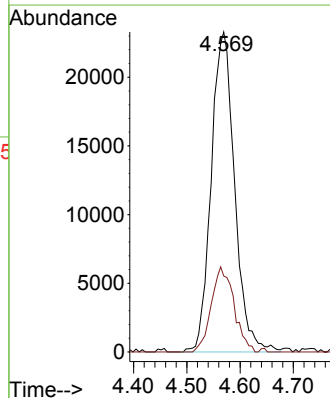
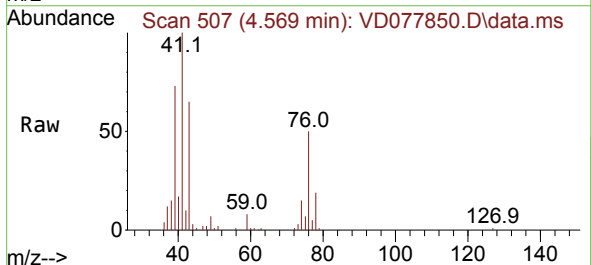
Acq: 12 Dec 2023 18:49

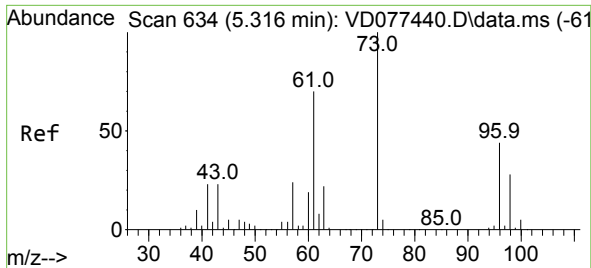
Tgt Ion: 43 Resp: 71076

Ion Ratio Lower Upper

43 100

74 25.7 26.4 39.6#

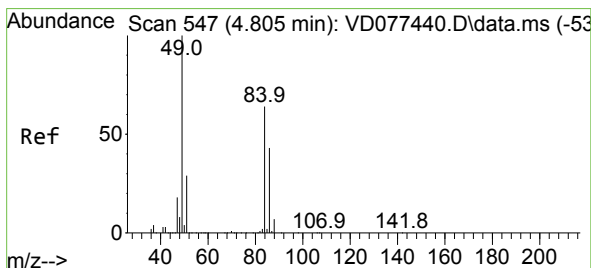
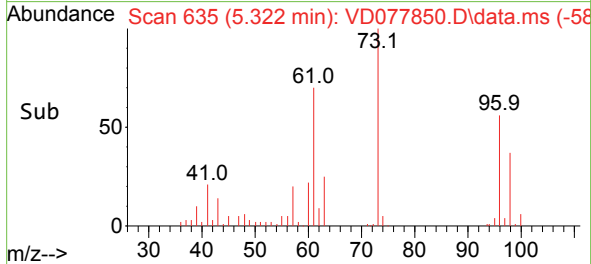
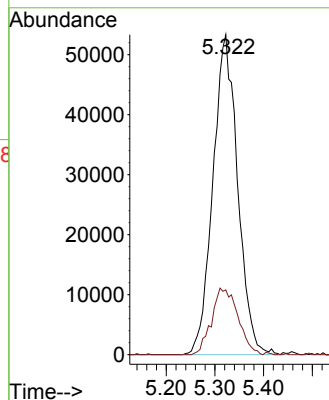
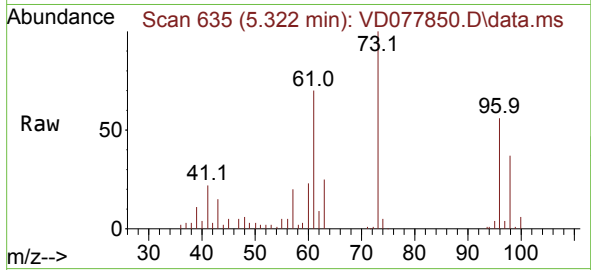




#19
Methyl tert-butyl Ether
Concen: 57.153 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

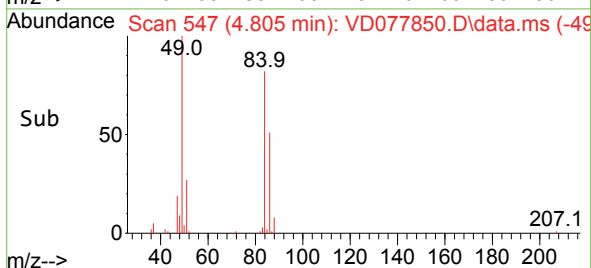
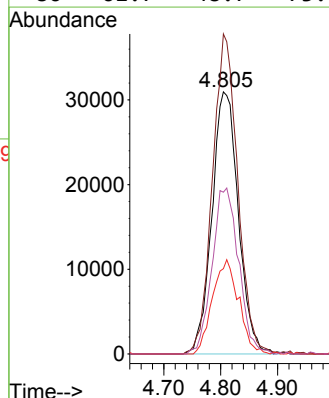
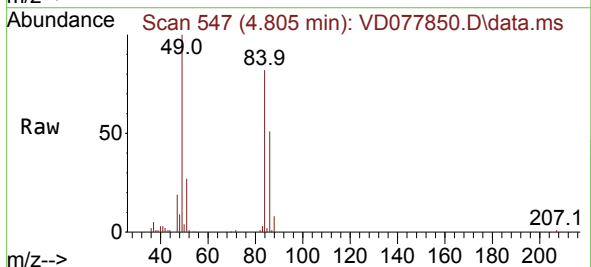
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 188037
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0



#20
Methylene Chloride
Concen: 56.221 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 84 Resp: 100130
Ion Ratio Lower Upper
84 100
49 122.1 71.4 107.2#
51 32.5 24.5 36.7
86 61.7 48.7 73.1

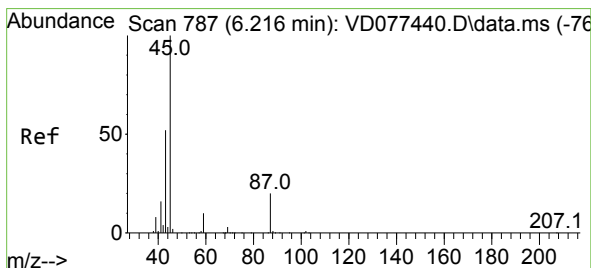
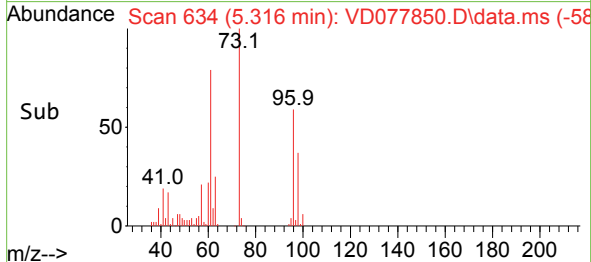
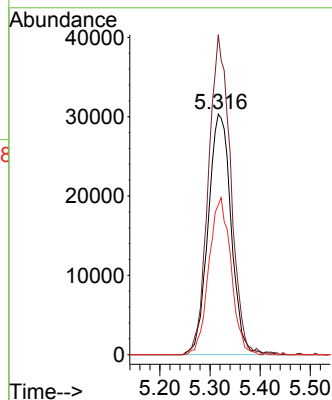
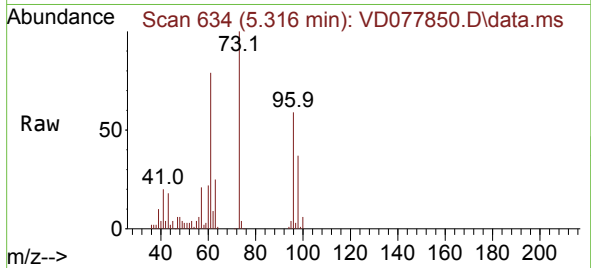




#21
trans-1,2-Dichloroethene
Concen: 54.953 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

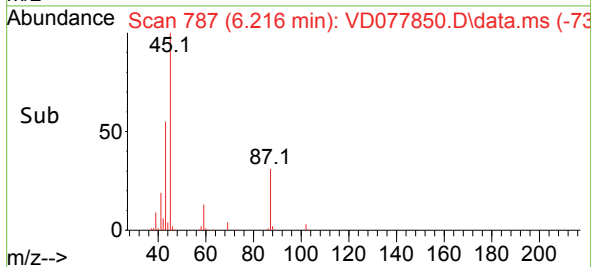
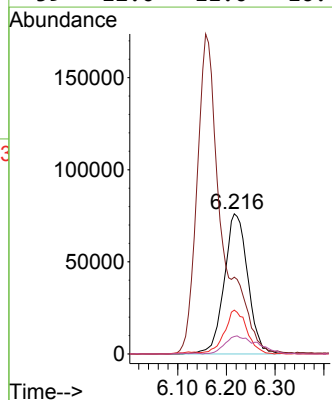
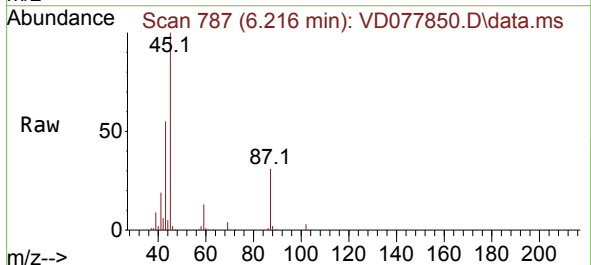
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

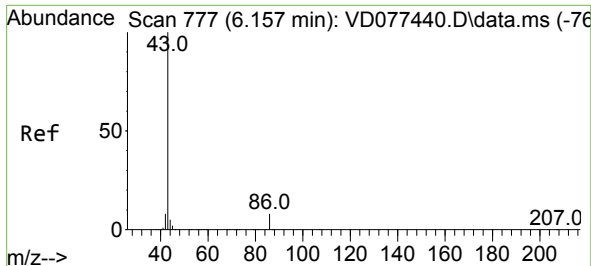
Tgt Ion: 96 Resp: 96521
Ion Ratio Lower Upper
96 100
61 133.0 89.3 133.9
98 62.2 48.6 73.0



#22
Diisopropyl ether
Concen: 57.287 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 45 Resp: 255324
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 31.0 28.2 42.4
59 12.0 11.0 16.4

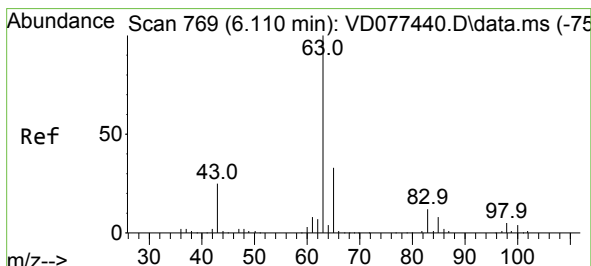
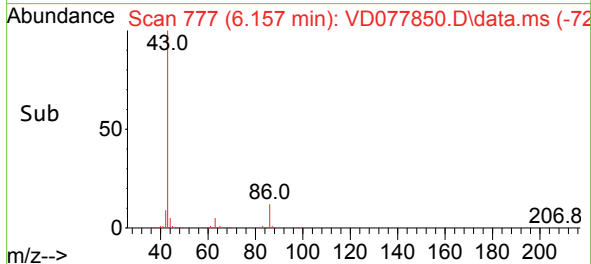
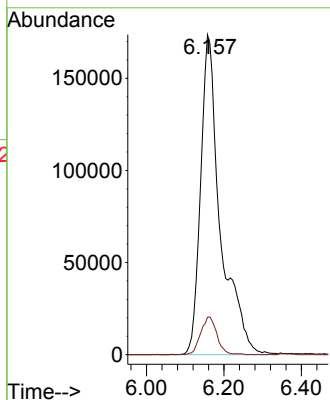
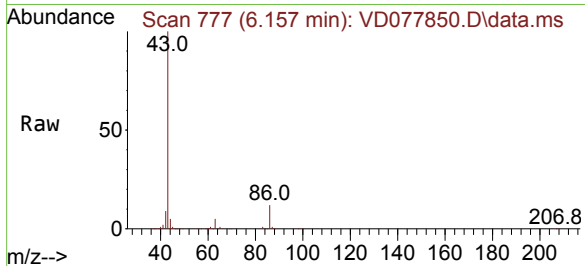




#23
 Vinyl Acetate
 Concen: 282.961 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

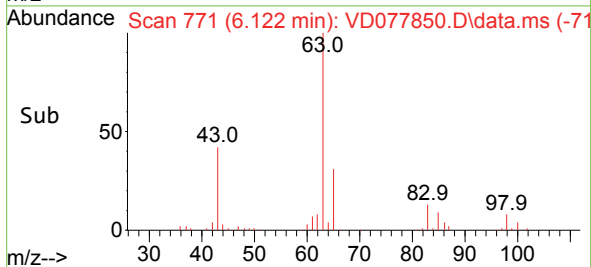
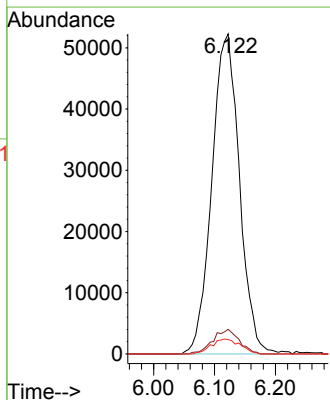
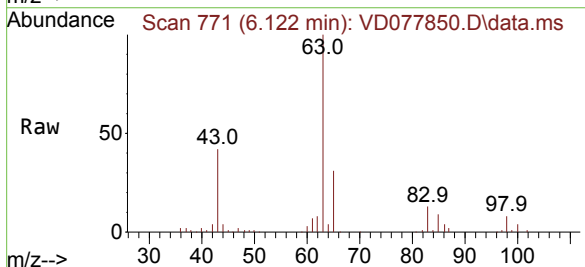
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 615860
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 54.421 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Tgt Ion: 63 Resp: 164255
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 279.272 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

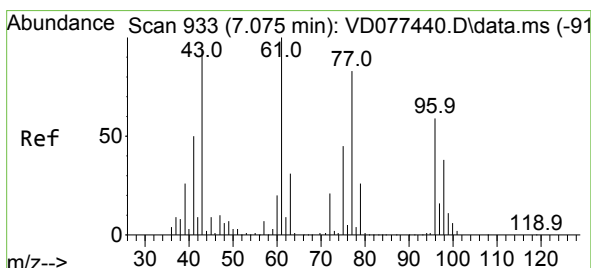
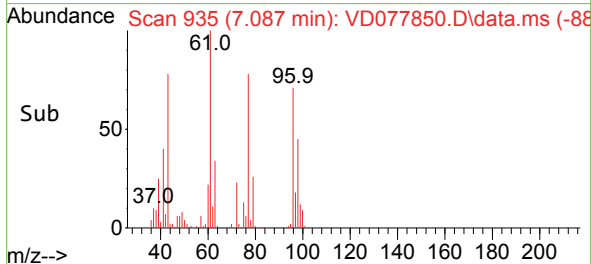
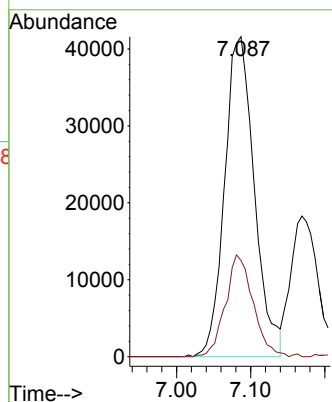
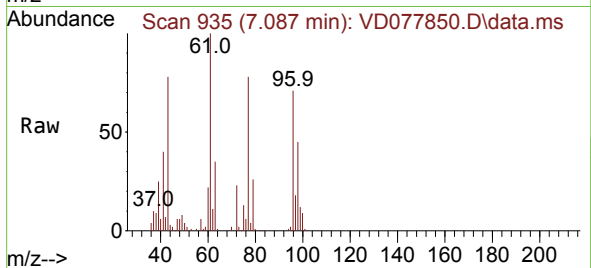
VSTDCCC050EC

Tgt Ion: 43 Resp: 115965

Ion Ratio Lower Upper

43 100

72 30.1 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 52.854 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077850.D

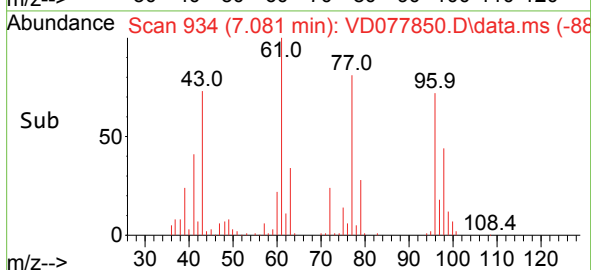
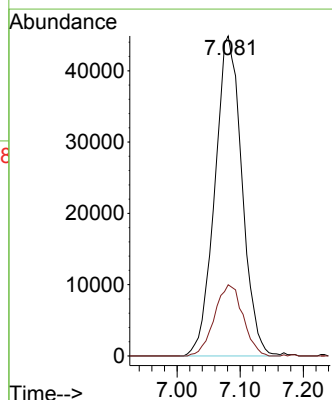
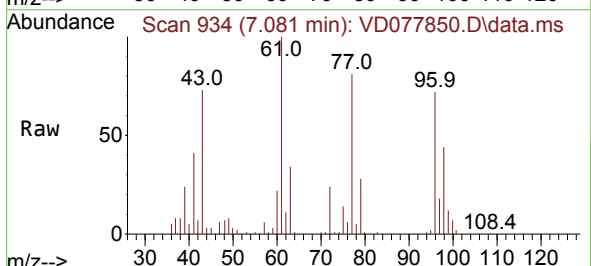
Acq: 12 Dec 2023 18:49

Tgt Ion: 77 Resp: 133938

Ion Ratio Lower Upper

77 100

97 23.4 13.2 39.6

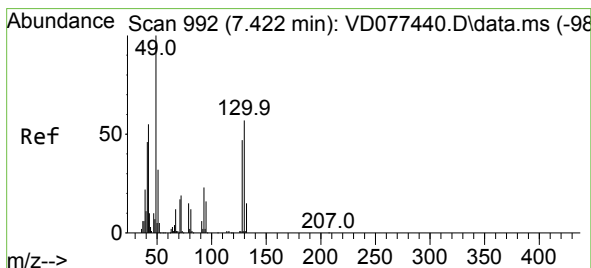
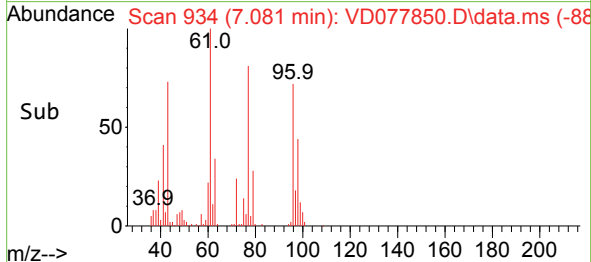
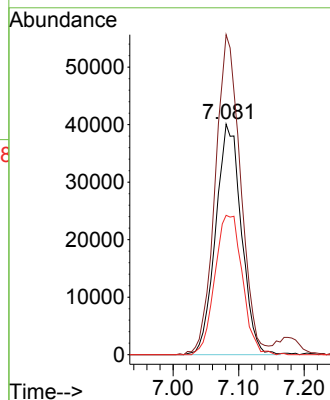
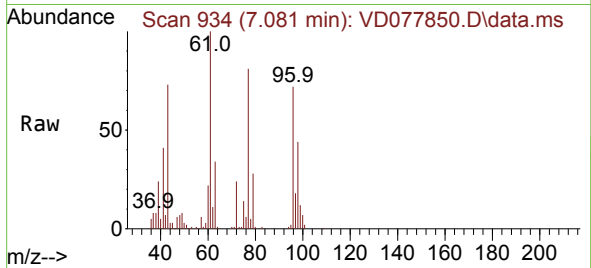




#27
 cis-1,2-Dichloroethene
 Concen: 57.755 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

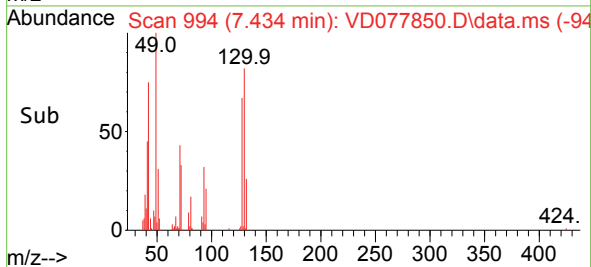
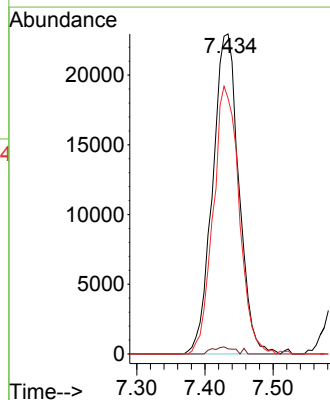
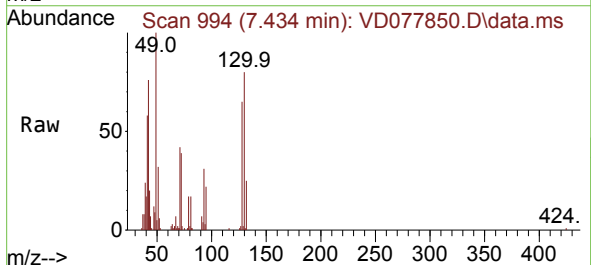
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

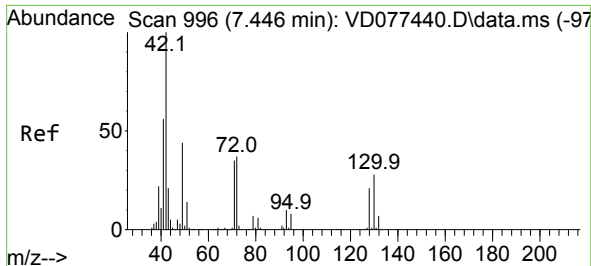
Tgt Ion: 96 Resp: 109155
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 239.2
 98 64.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.372 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Tgt Ion: 49 Resp: 61434
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 82.8 83.2 124.8#

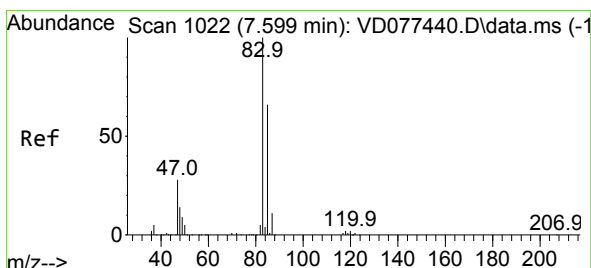
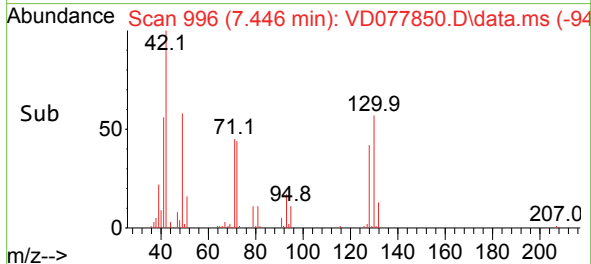
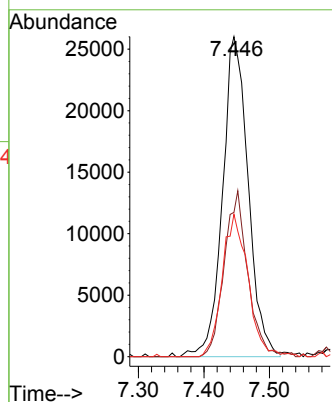
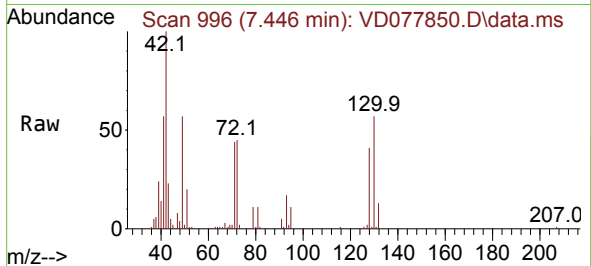




#29
Tetrahydrofuran
Concen: 291.436 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

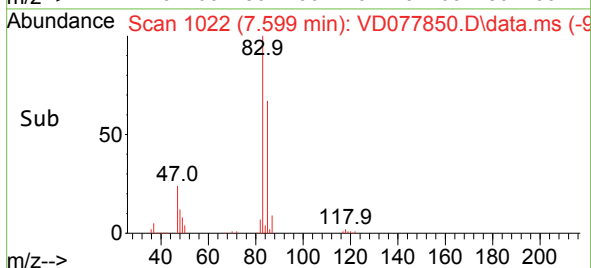
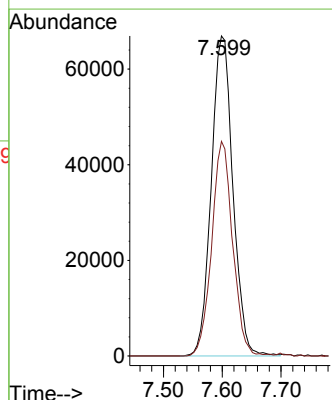
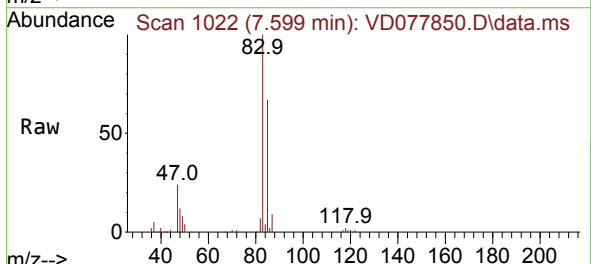
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

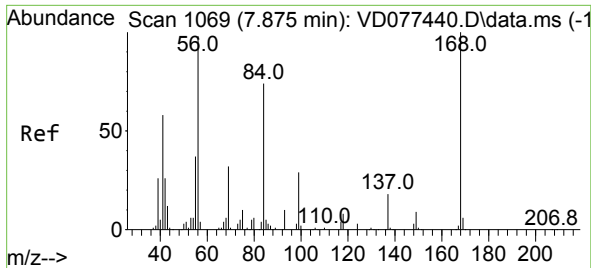
Tgt Ion: 42 Resp: 70549
Ion Ratio Lower Upper
42 100
72 47.9 46.5 69.7
71 45.1 44.5 66.7



#30
Chloroform
Concen: 56.632 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 83 Resp: 171070
Ion Ratio Lower Upper
83 100
85 67.1 53.4 80.2

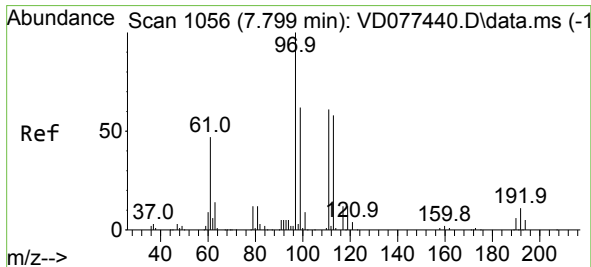
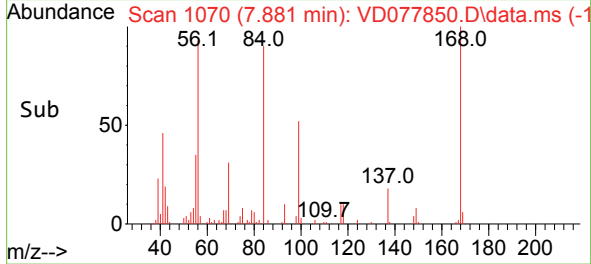
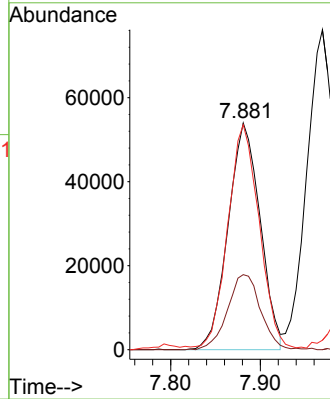
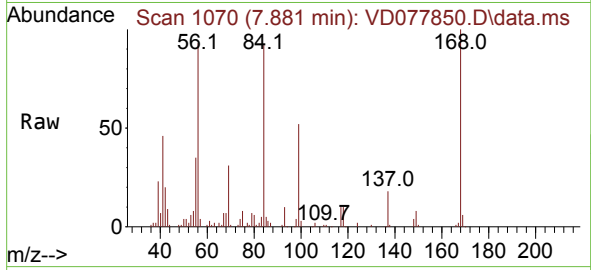




#31
Cyclohexane
Concen: 49.562 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

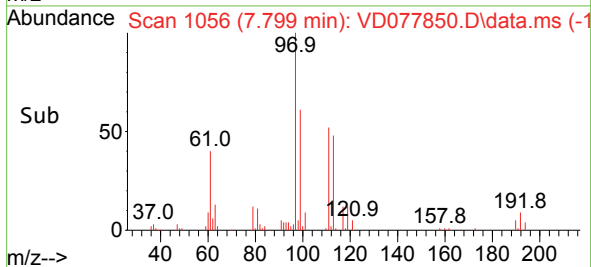
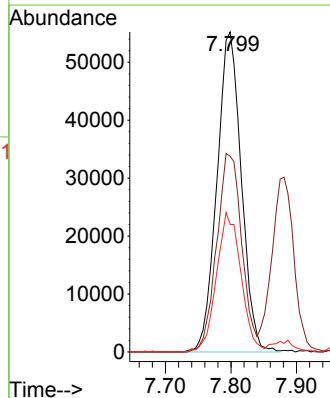
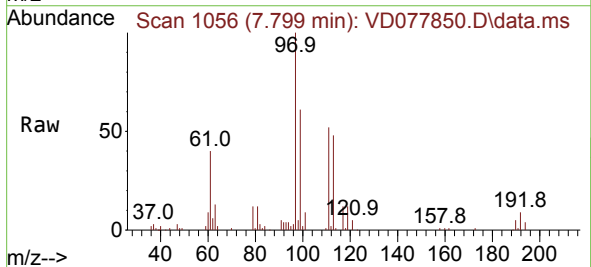
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

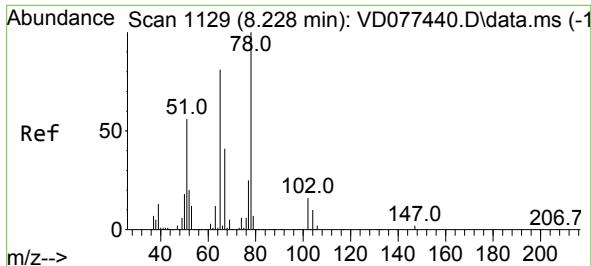
Tgt Ion: 56 Resp: 134010
Ion Ratio Lower Upper
56 100
69 33.1 28.6 43.0
84 98.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 53.524 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 97 Resp: 142532
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 43.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.331 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

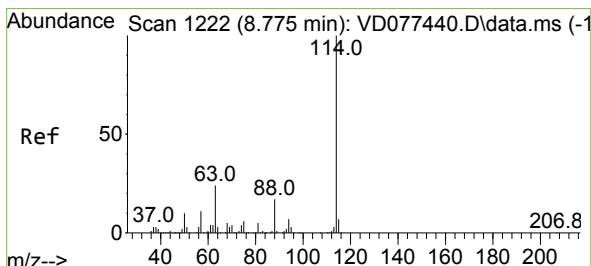
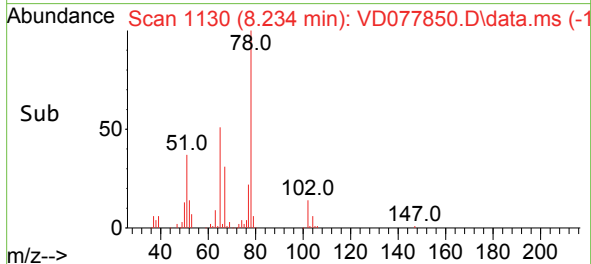
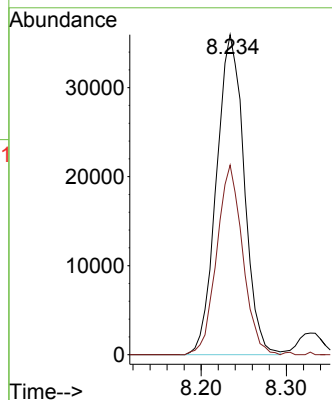
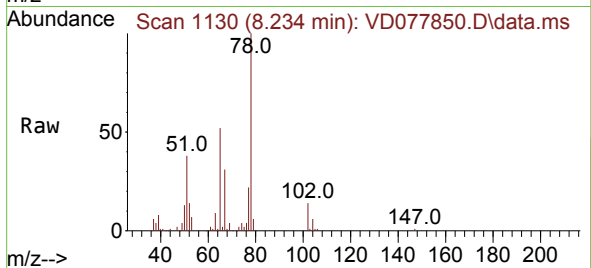
VSTDCCC050EC

Tgt Ion: 65 Resp: 81072

Ion Ratio Lower Upper

65 100

67 55.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

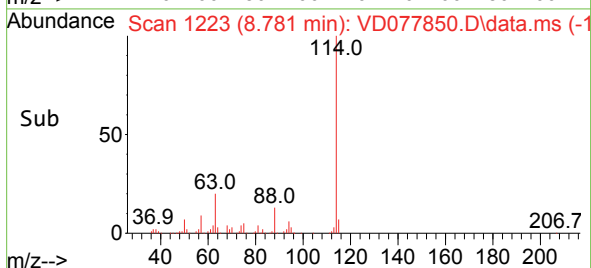
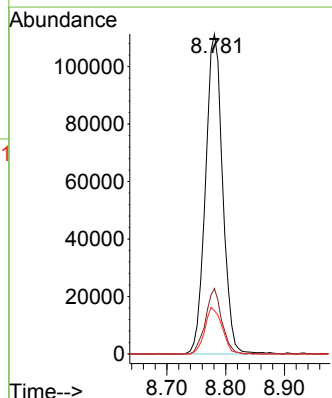
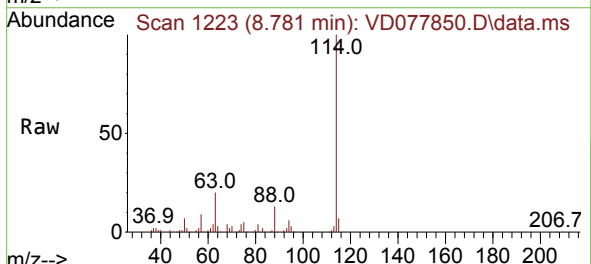
Tgt Ion: 114 Resp: 225840

Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 13.5 0.0 26.2

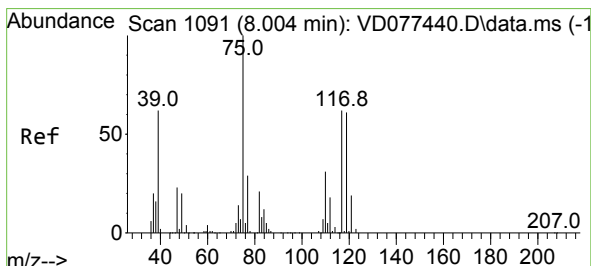
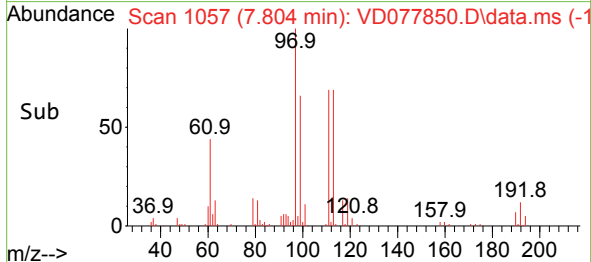
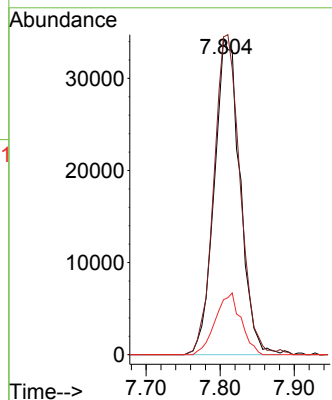
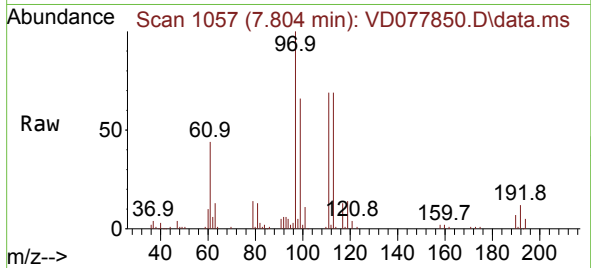




#35
Dibromofluoromethane
Concen: 52.256 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

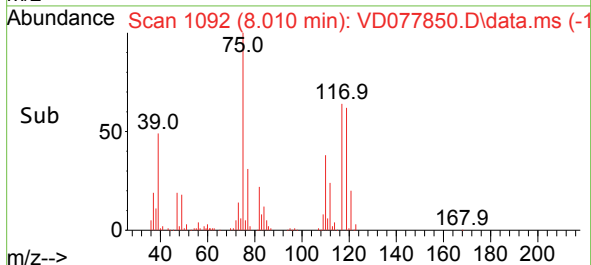
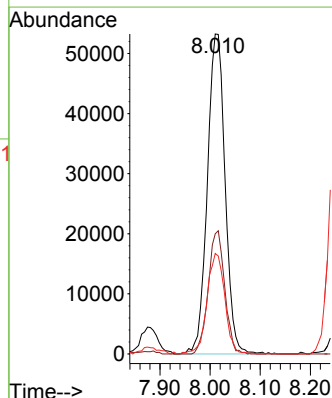
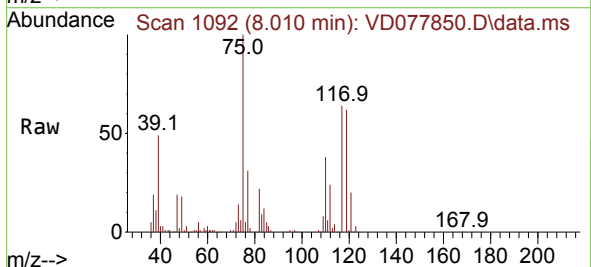
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

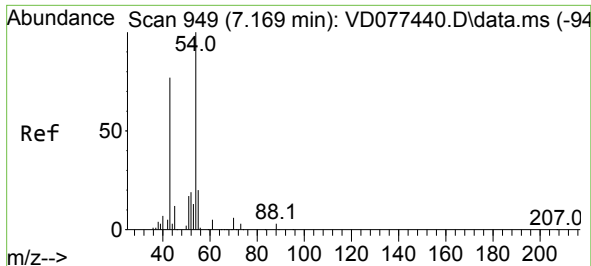
Tgt Ion:113 Resp: 82665
Ion Ratio Lower Upper
113 100
111 103.6 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.819 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 75 Resp: 131123
Ion Ratio Lower Upper
75 100
110 35.7 19.9 59.6
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 48.734 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

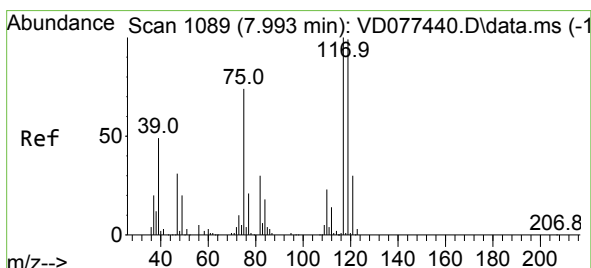
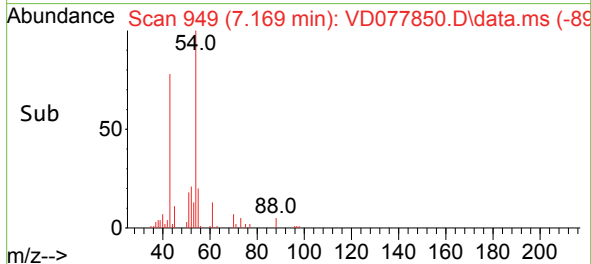
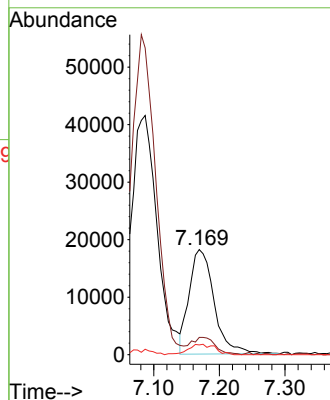
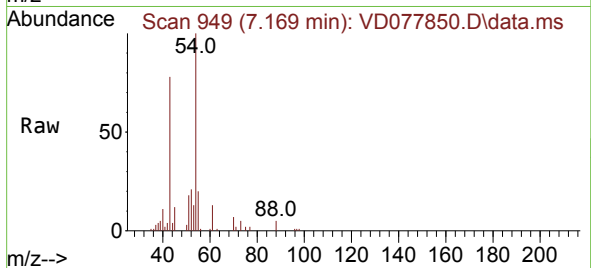
Tgt Ion: 43 Resp: 48083

Ion Ratio Lower Upper

43 100

61 16.2 14.9 22.3

70 10.7 10.0 15.0



#38

Carbon Tetrachloride

Concen: 51.375 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

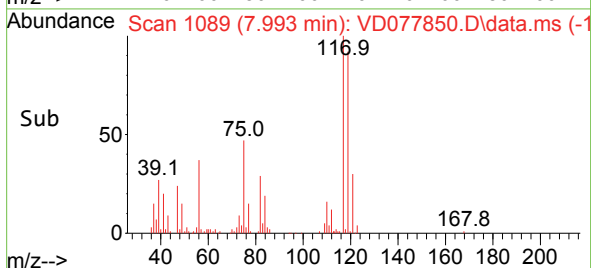
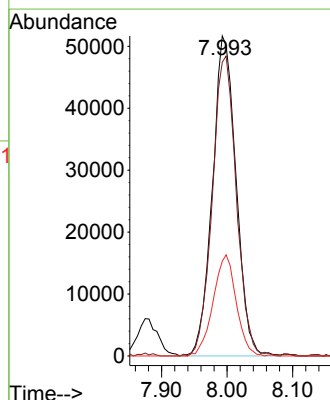
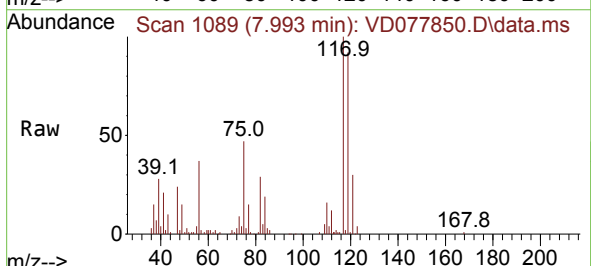
Tgt Ion: 117 Resp: 129601

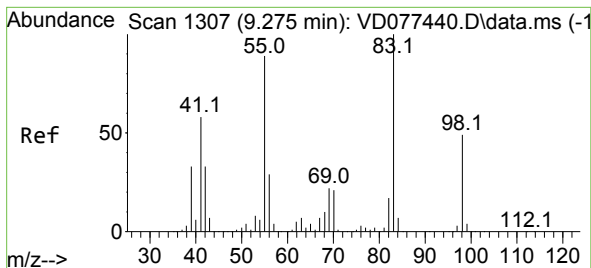
Ion Ratio Lower Upper

117 100

119 91.8 78.0 117.0

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 53.639 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

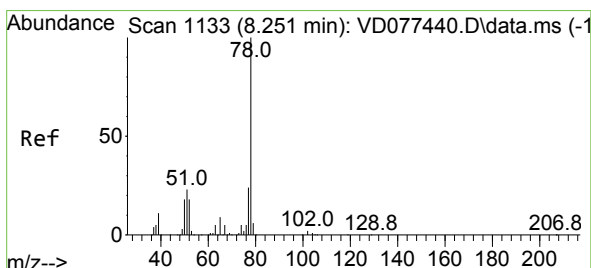
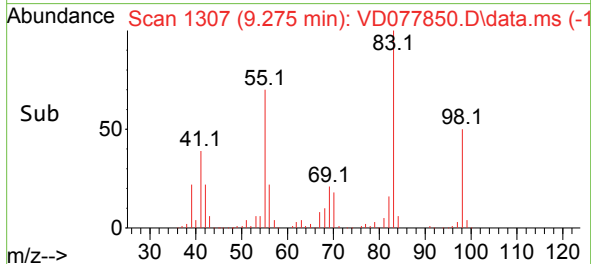
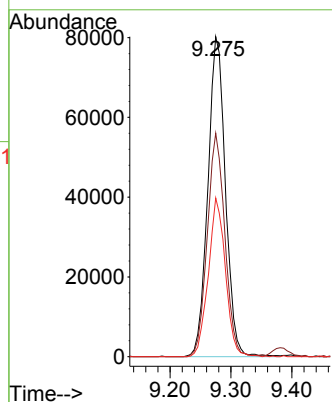
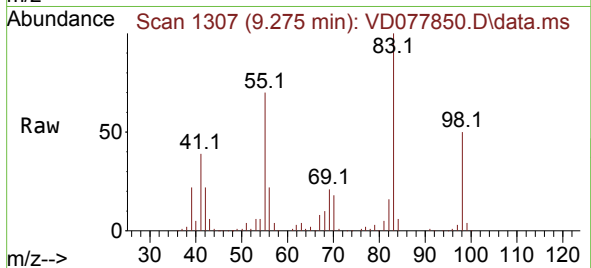
Tgt Ion: 83 Resp: 160903

Ion Ratio Lower Upper

83 100

55 69.9 49.4 74.0

98 49.6 38.4 57.6



#40

Benzene

Concen: 55.006 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077850.D

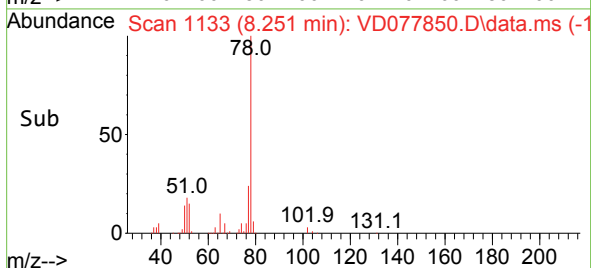
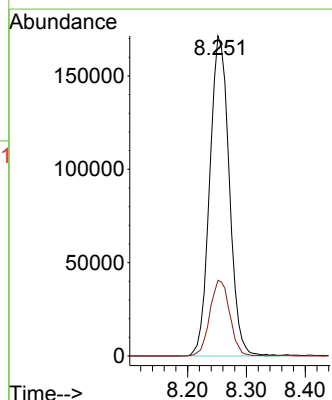
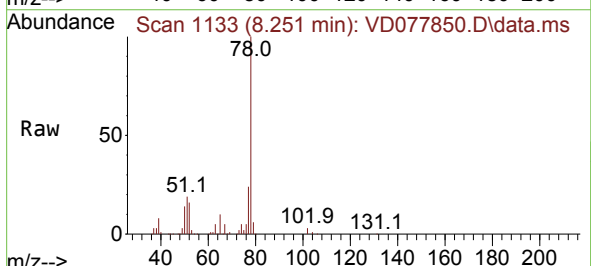
Acq: 12 Dec 2023 18:49

Tgt Ion: 78 Resp: 395042

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

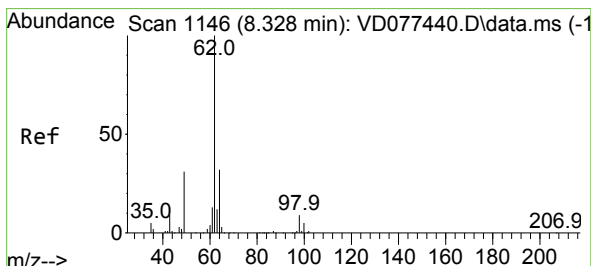
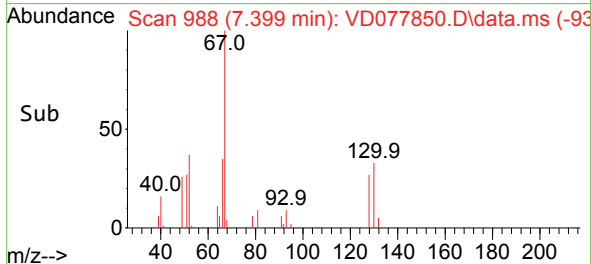
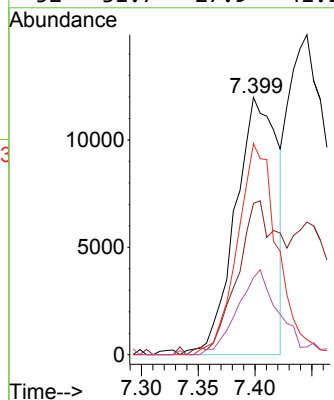
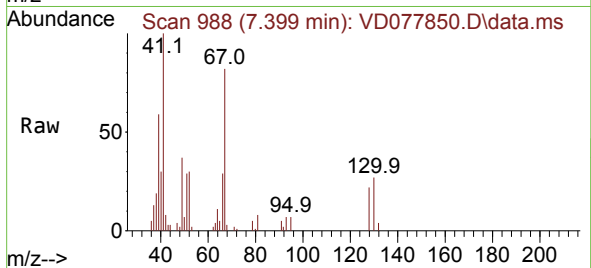




#41
Methacrylonitrile
Concen: 61.383 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

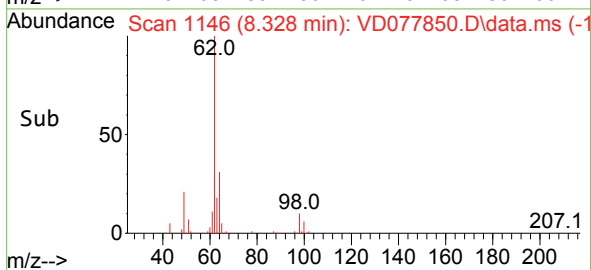
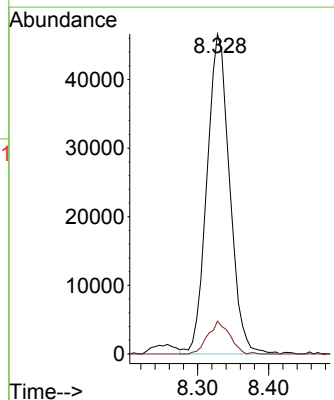
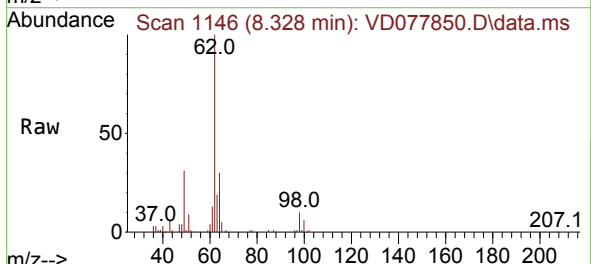
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

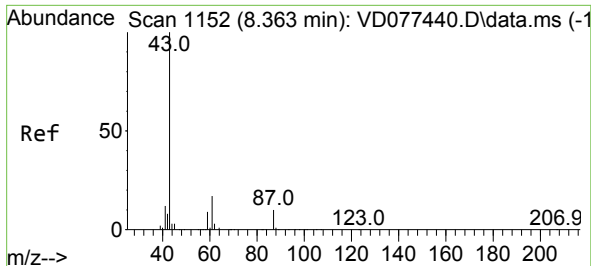
Tgt Ion: 41 Resp: 30782
Ion Ratio Lower Upper
41 100
39 61.6 34.0 51.0#
67 78.8 77.0 115.4
52 31.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 55.639 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 62 Resp: 103579
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.4

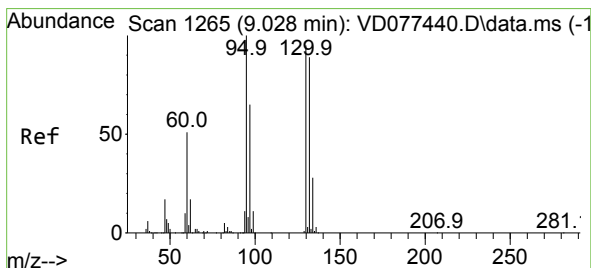
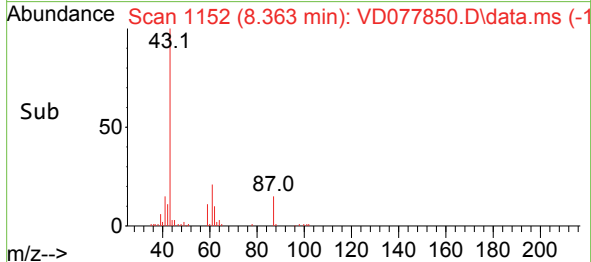
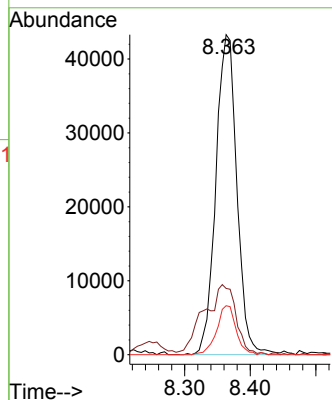
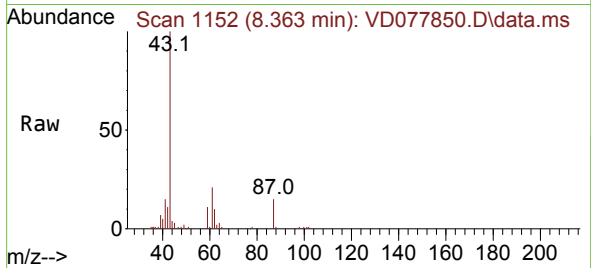




#43
Isopropyl Acetate
Concen: 54.855 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

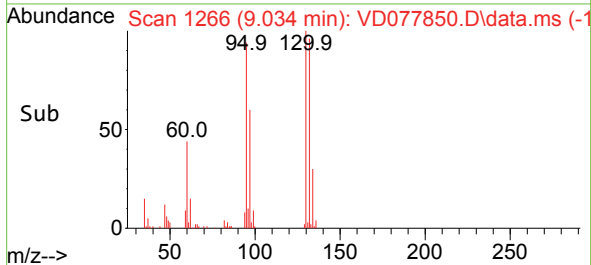
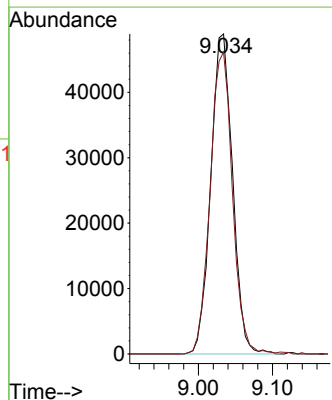
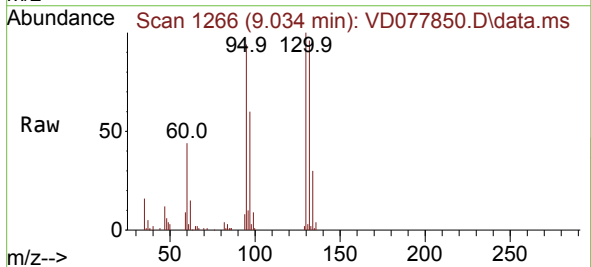
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

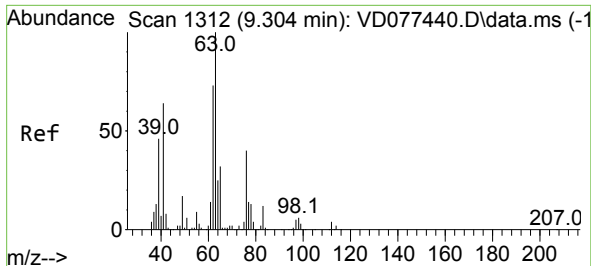
Tgt Ion: 43 Resp: 96211
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 14.1 14.9 22.3#



#44
Trichloroethene
Concen: 53.364 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:130 Resp: 99873
Ion Ratio Lower Upper
130 100
95 94.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.744 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

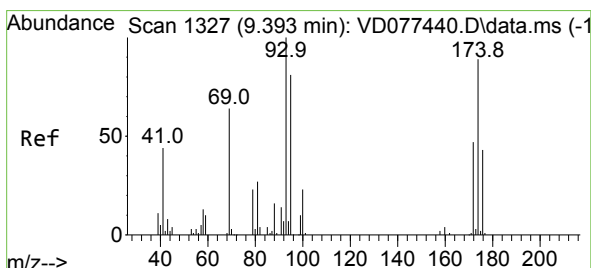
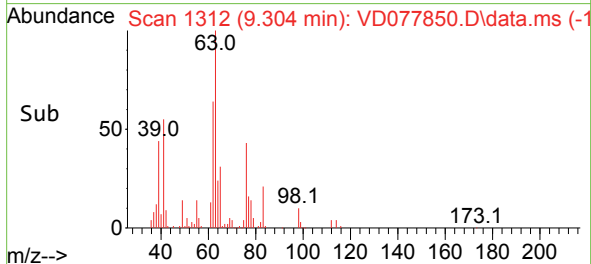
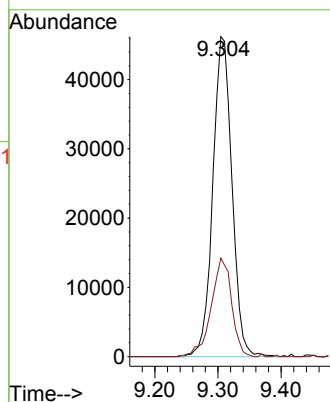
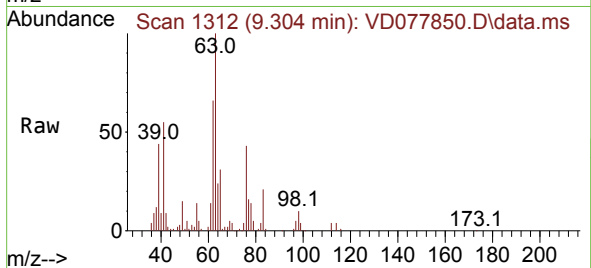
VSTDCCC050EC

Tgt Ion: 63 Resp: 97321

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 56.645 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

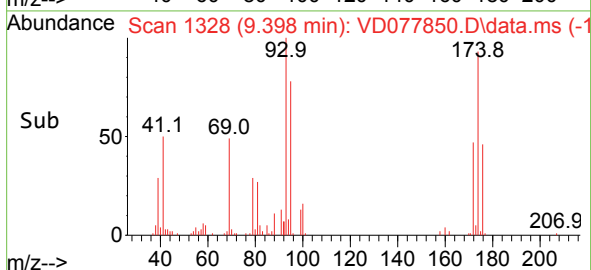
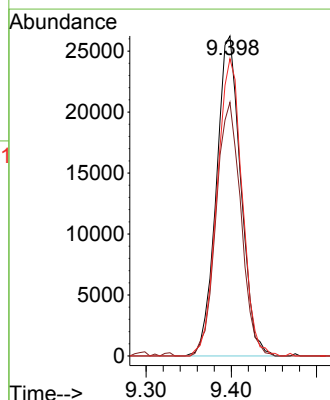
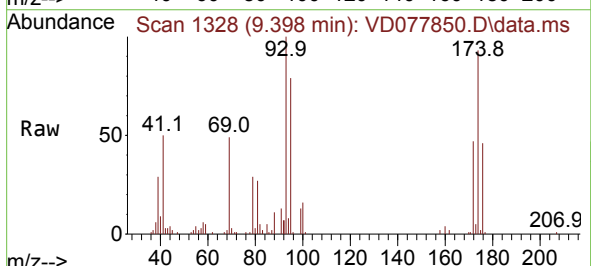
Tgt Ion: 93 Resp: 52326

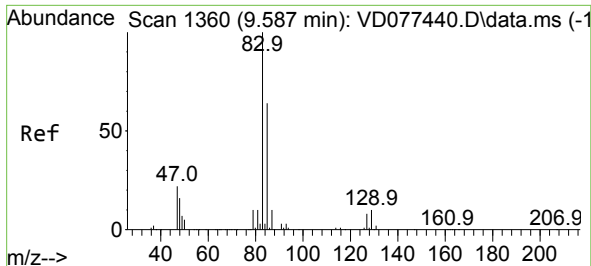
Ion Ratio Lower Upper

93 100

95 80.7 67.7 101.5

174 95.2 85.4 128.2

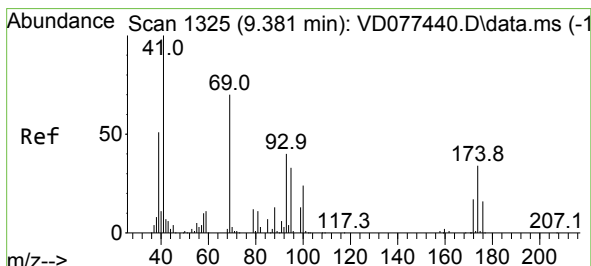
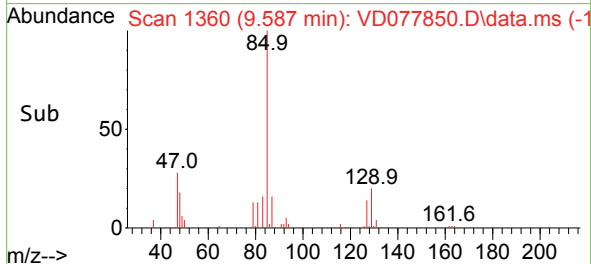
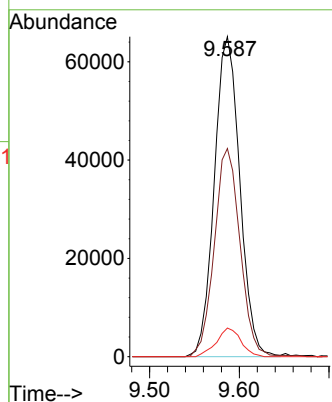
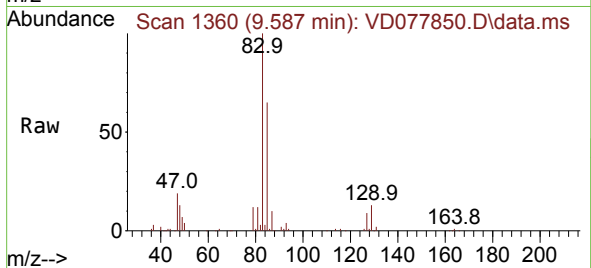




#47
Bromodichloromethane
Concen: 54.781 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

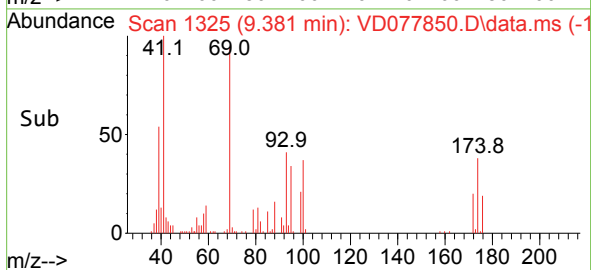
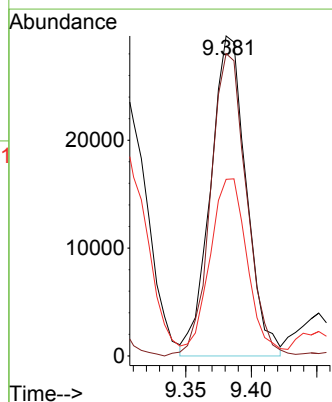
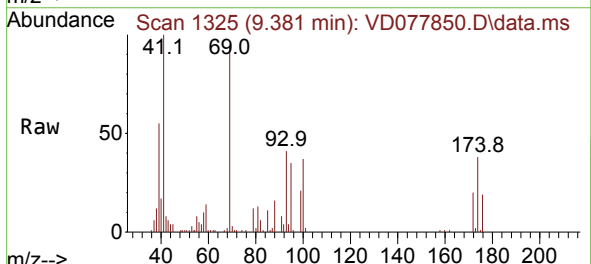
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

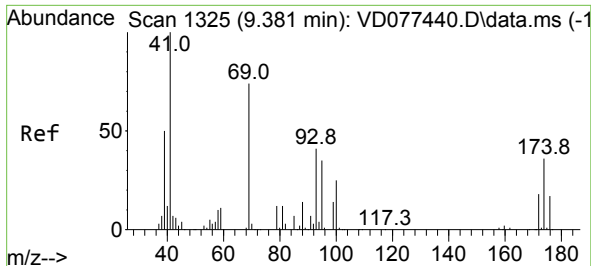
Tgt Ion: 83 Resp: 128266
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 56.310 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 41 Resp: 56141
Ion Ratio Lower Upper
41 100
69 94.3 102.2 153.2#
39 58.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1038.412 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

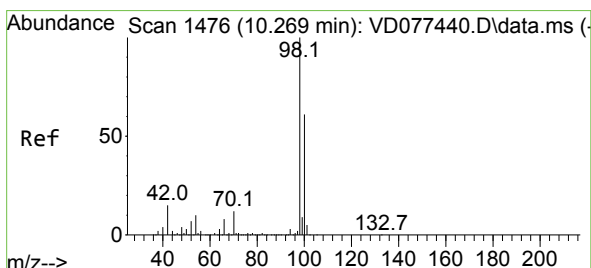
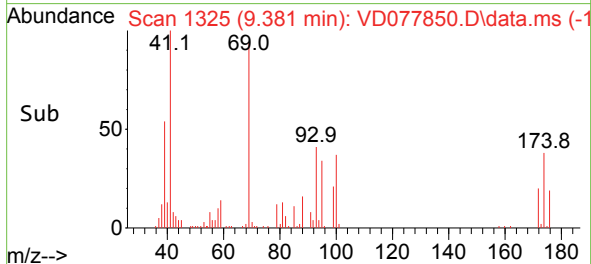
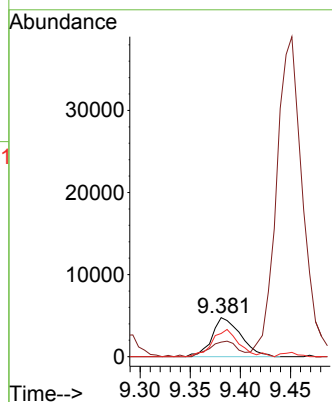
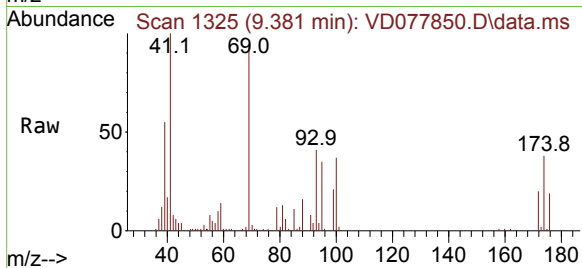
Tgt Ion: 88 Resp: 9525

Ion Ratio Lower Upper

88 100

43 38.0 19.0 28.6#

58 65.3 43.5 65.3#



#50

Toluene-d8

Concen: 53.057 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD077850.D

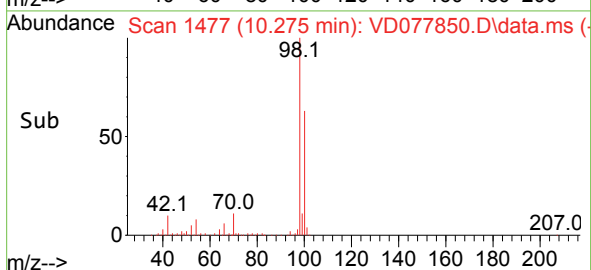
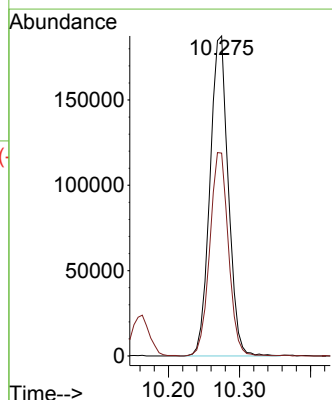
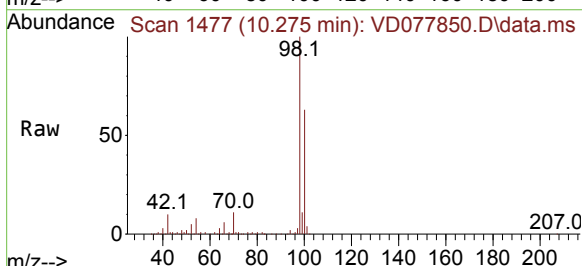
Acq: 12 Dec 2023 18:49

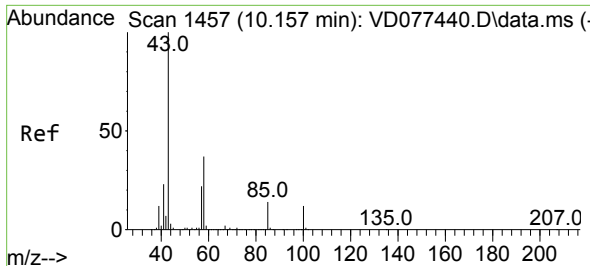
Tgt Ion: 98 Resp: 336162

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

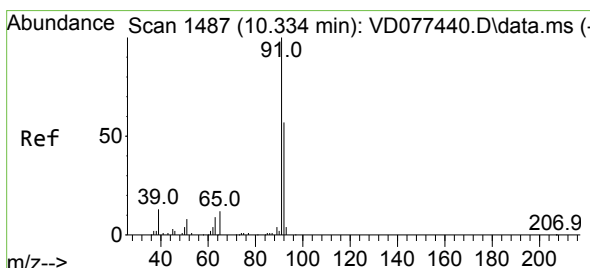
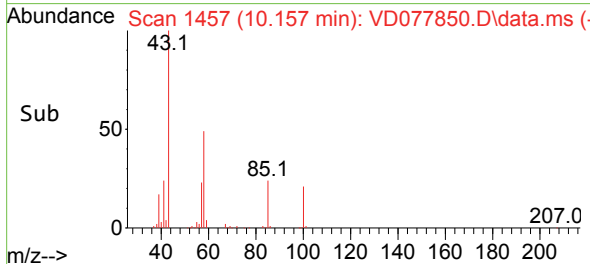
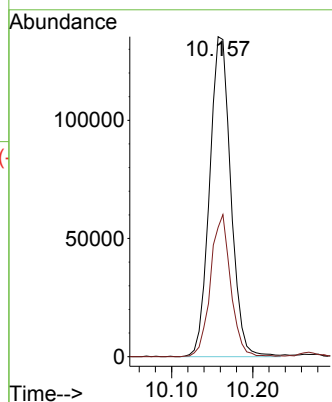
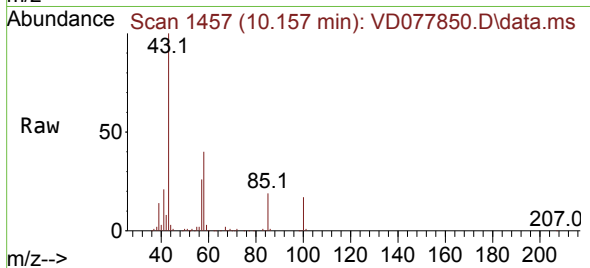




#51
4-Methyl-2-Pentanone
Concen: 274.895 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

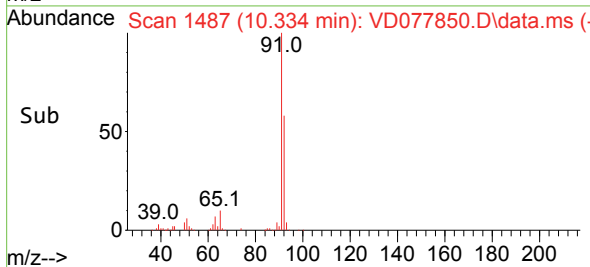
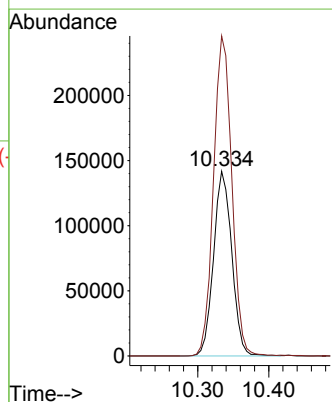
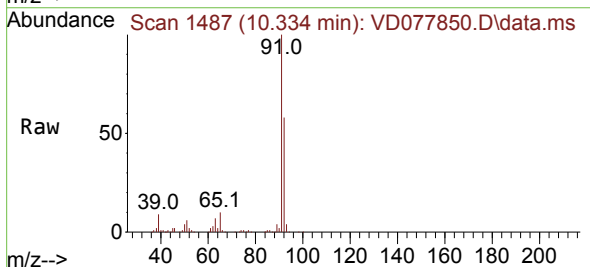
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

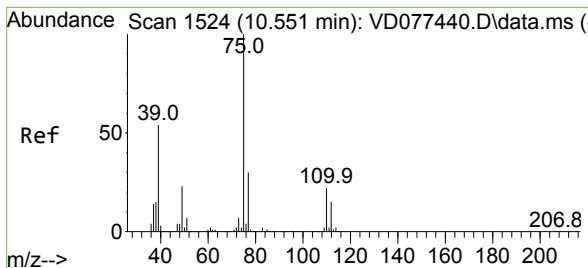
Tgt Ion: 43 Resp: 246065
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3



#52
Toluene
Concen: 56.611 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 92 Resp: 252195
Ion Ratio Lower Upper
92 100
91 174.0 143.0 214.4

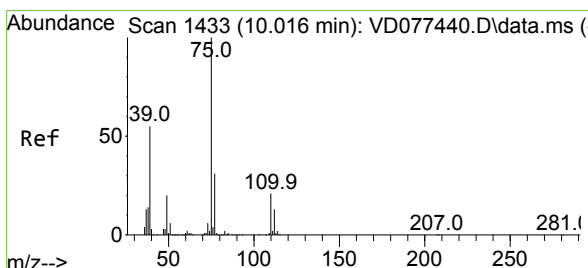
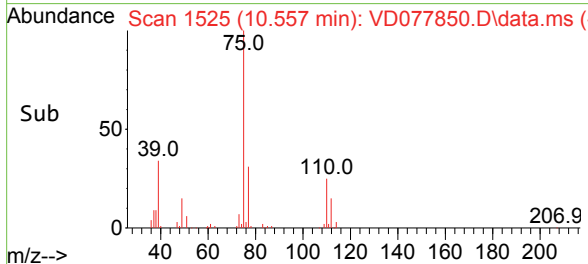
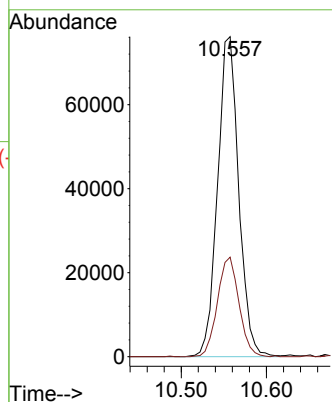
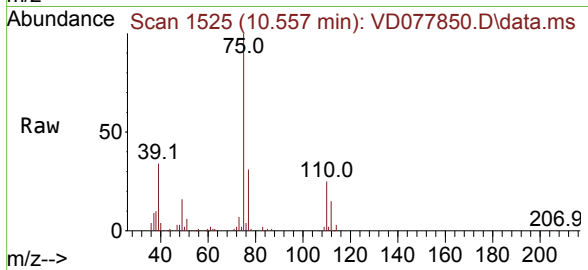




#53
 t-1,3-Dichloropropene
 Concen: 58.360 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

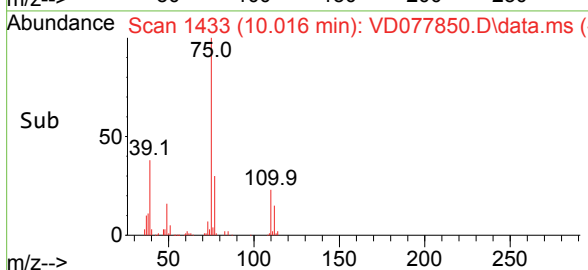
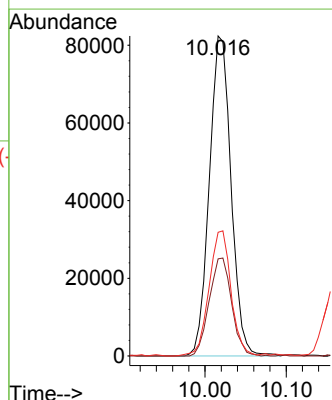
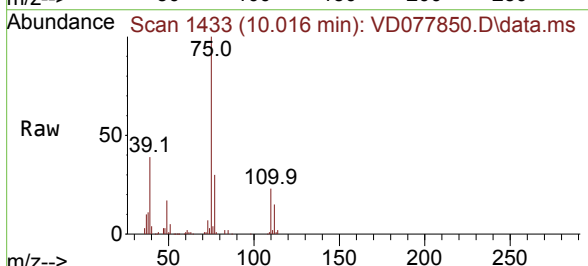
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

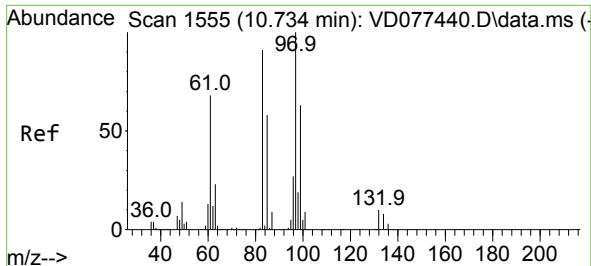
Tgt Ion: 75 Resp: 131219
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 56.343 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Tgt Ion: 75 Resp: 153166
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3
 39 38.4 22.1 33.1#

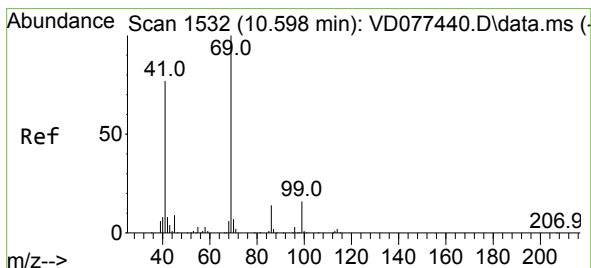
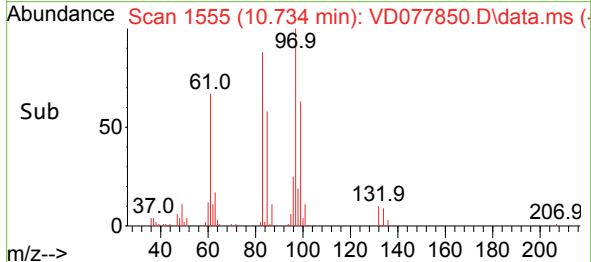
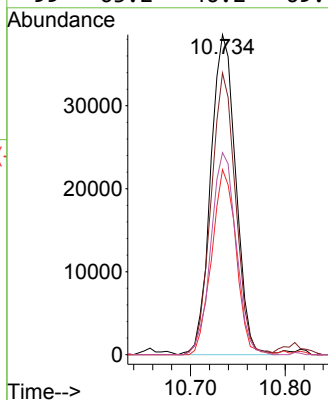
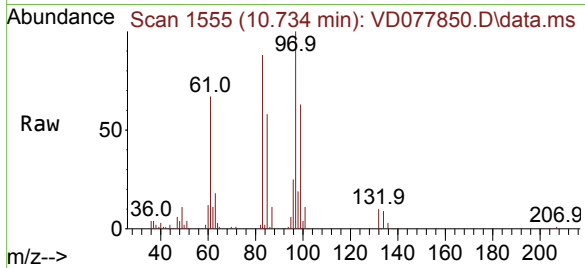




#55
1,1,2-Trichloroethane
Concen: 56.158 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

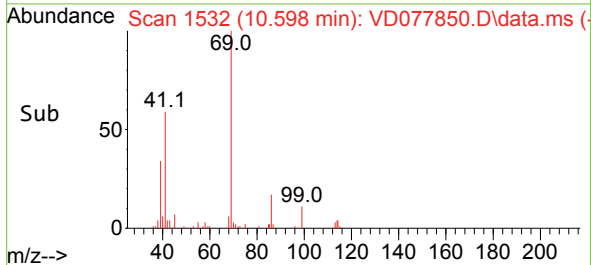
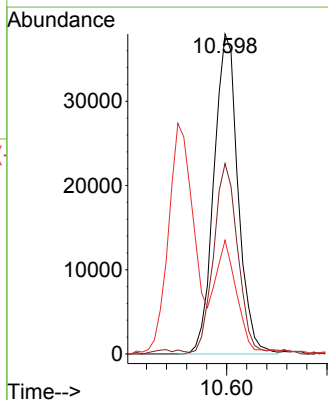
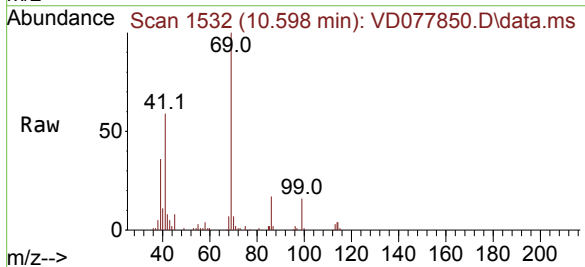
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

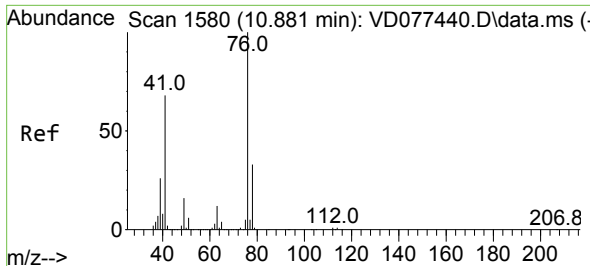
Tgt Ion: 97	Resp: 70959
Ion Ratio	Lower Upper
97 100	
83 88.1	65.8 98.6
85 57.9	45.7 68.5
99 63.2	46.2 69.4



#56
Ethyl methacrylate
Concen: 56.907 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 69	Resp: 63387
Ion Ratio	Lower Upper
69 100	
41 58.4	39.1 58.7
39 30.8	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 56.504 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

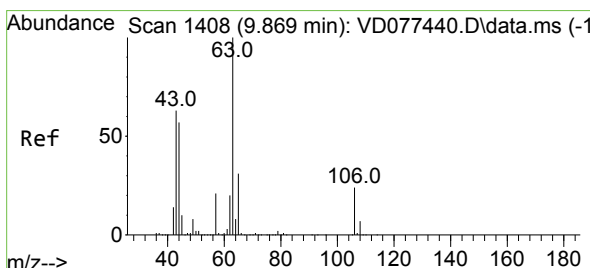
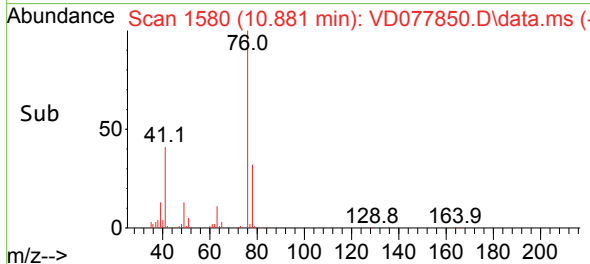
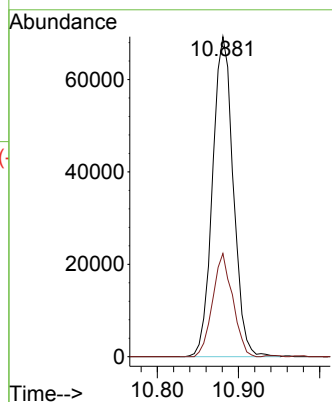
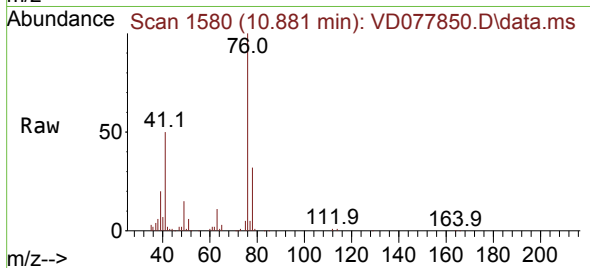
VSTDCCC050EC

Tgt Ion: 76 Resp: 123067

Ion Ratio Lower Upper

76 100

78 31.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 276.731 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077850.D

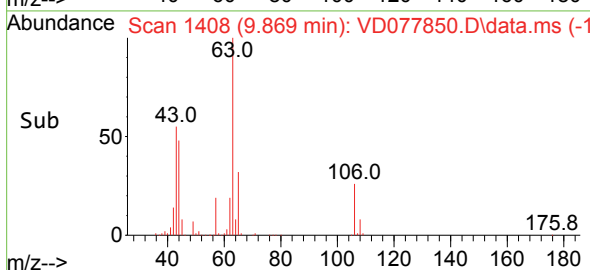
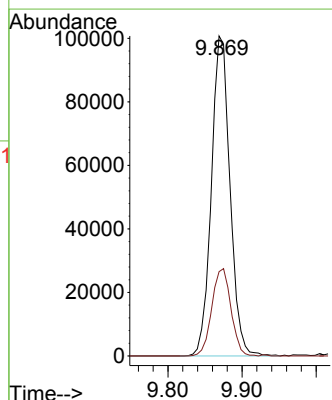
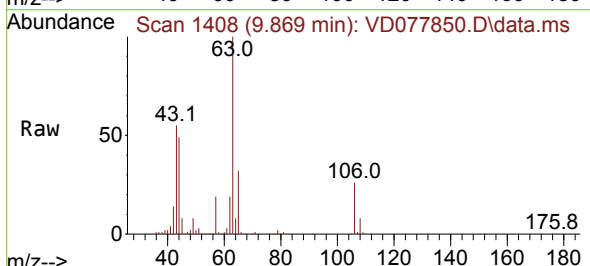
Acq: 12 Dec 2023 18:49

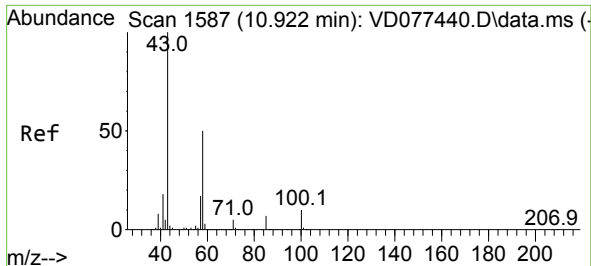
Tgt Ion: 63 Resp: 175783

Ion Ratio Lower Upper

63 100

106 28.0 25.3 37.9

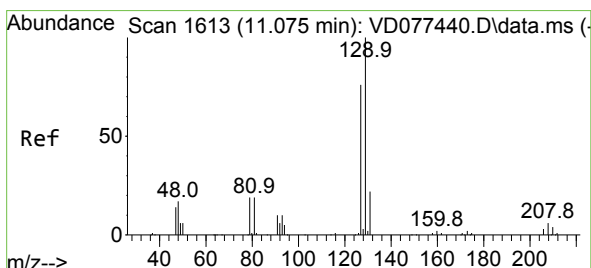
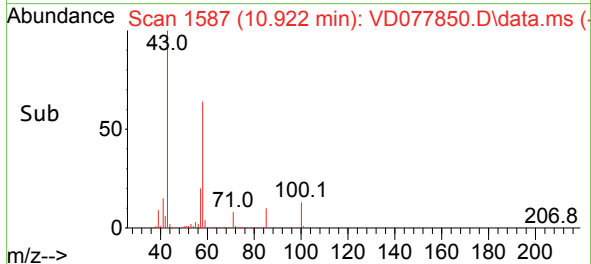
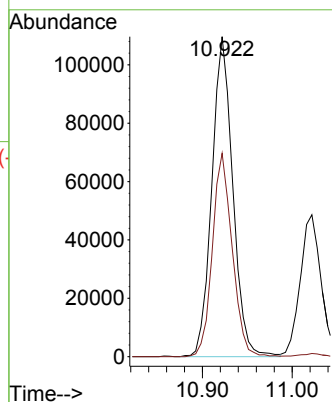
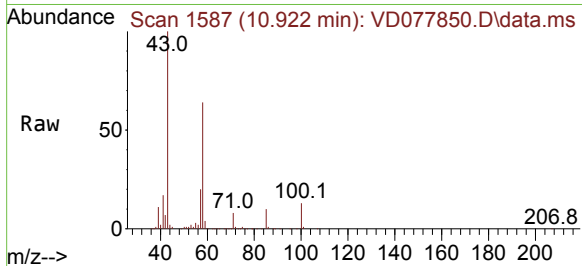




#59
2-Hexanone
Concen: 239.311 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

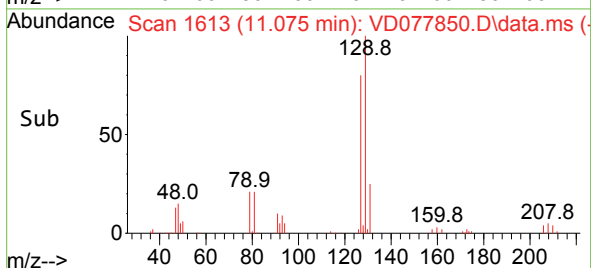
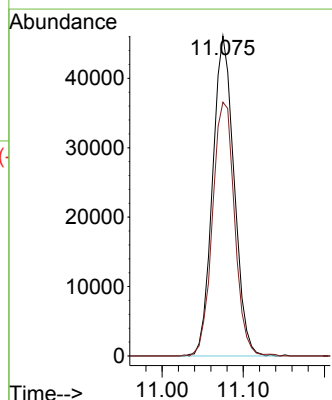
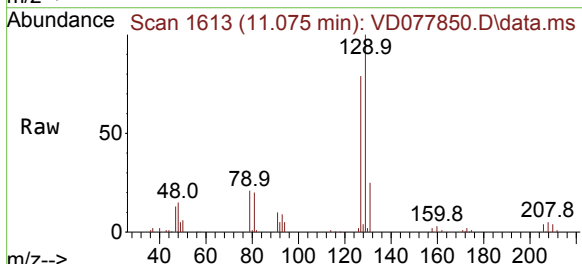
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

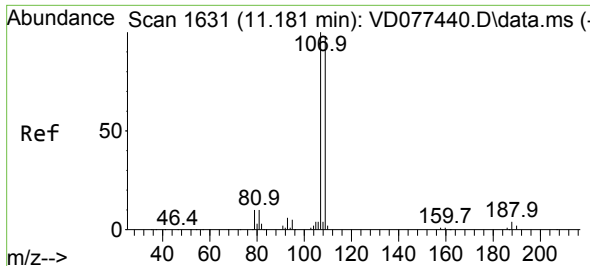
Tgt Ion: 43 Resp: 177721
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2



#60
Dibromochloromethane
Concen: 55.727 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 129 Resp: 84777
Ion Ratio Lower Upper
129 100
127 81.6 37.1 111.5

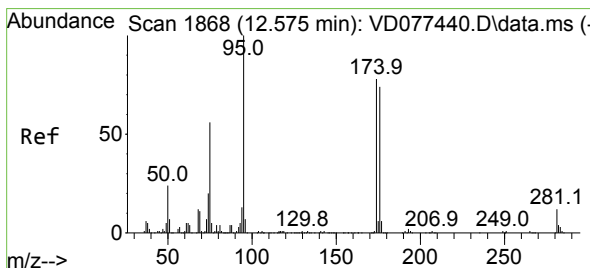
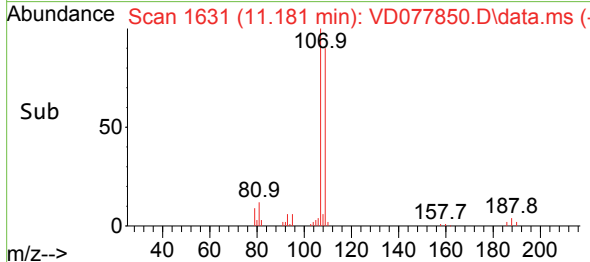
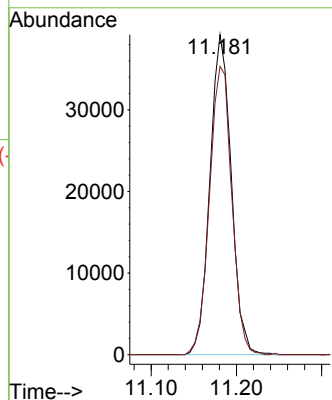
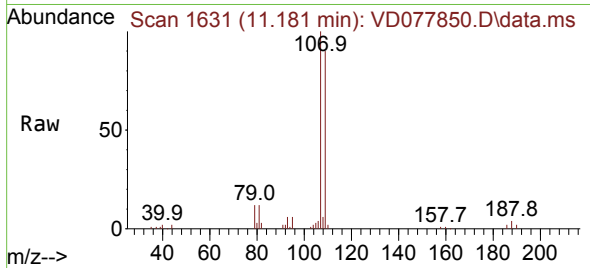




#61
1,2-Dibromoethane
Concen: 57.316 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

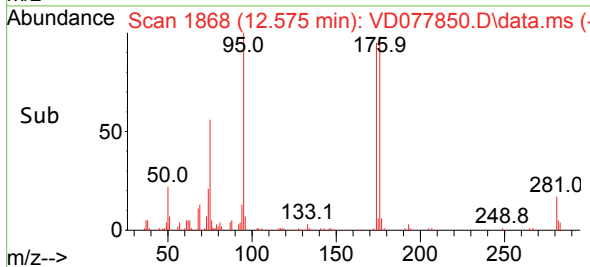
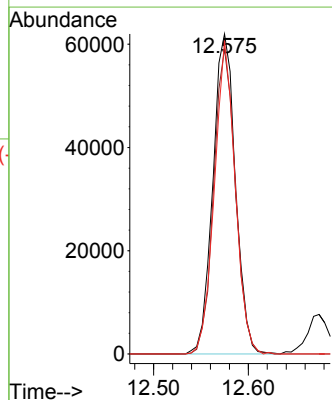
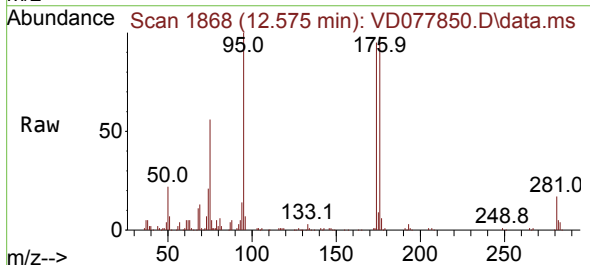
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

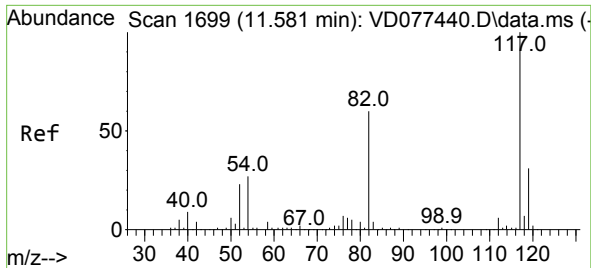
Tgt Ion:107 Resp: 68173
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 95 Resp: 102332
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 90.2 0.0 191.8

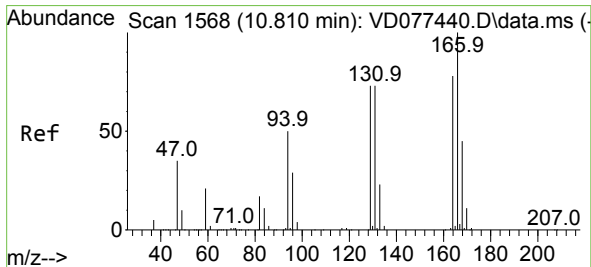
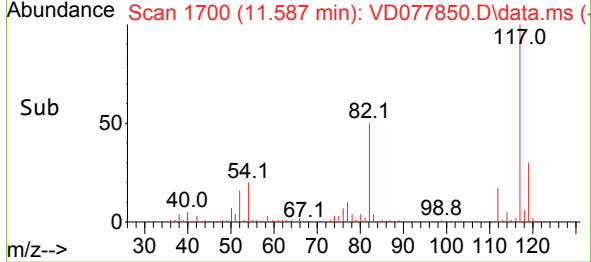
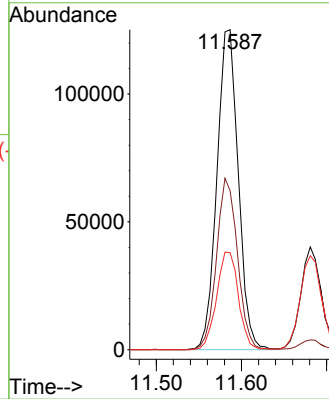
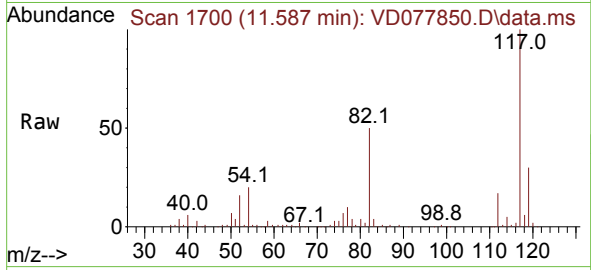




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

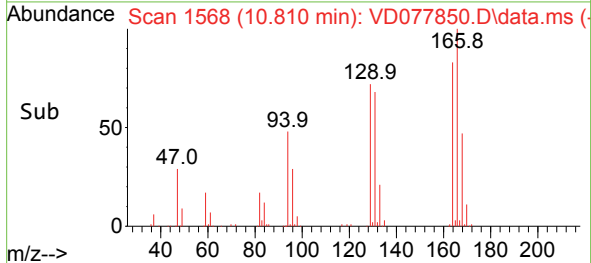
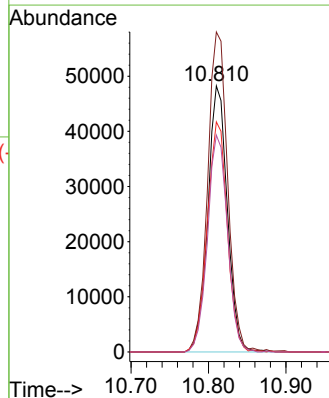
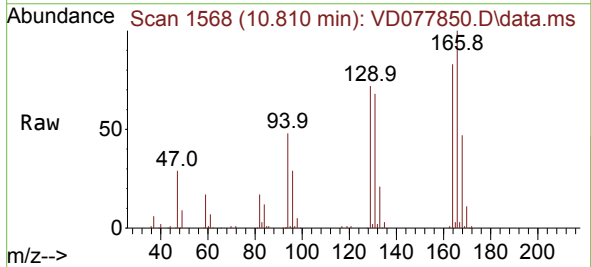
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

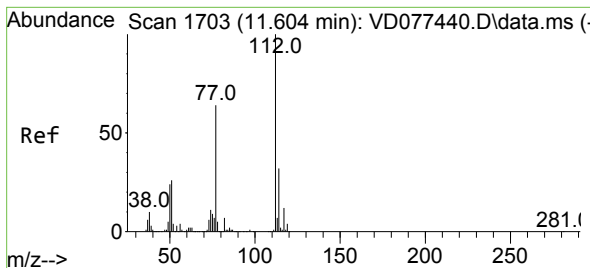
Tgt Ion:117 Resp: 218455
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 30.3 25.0 37.4



#64
Tetrachloroethene
Concen: 52.620 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:164 Resp: 84488
Ion Ratio Lower Upper
164 100
166 120.3 99.2 148.8
129 86.5 68.4 102.6
131 81.5 63.8 95.8





#65

Chlorobenzene

Concen: 51.547 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

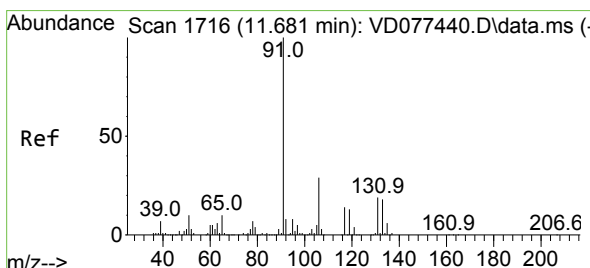
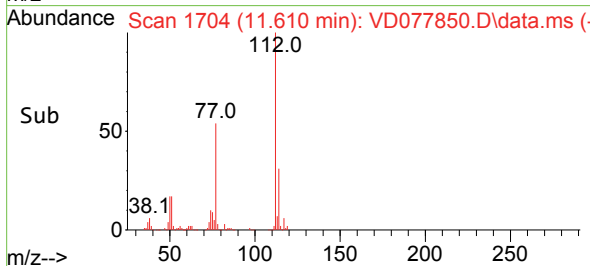
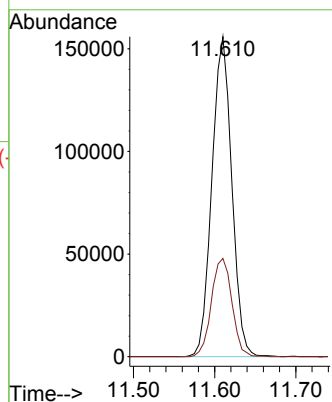
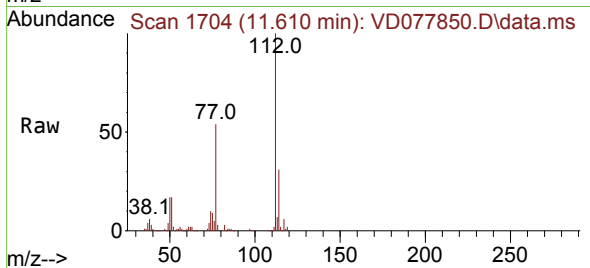
VSTDCCC050EC

Tgt Ion:112 Resp: 265154

Ion Ratio Lower Upper

112 100

114 30.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 53.689 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

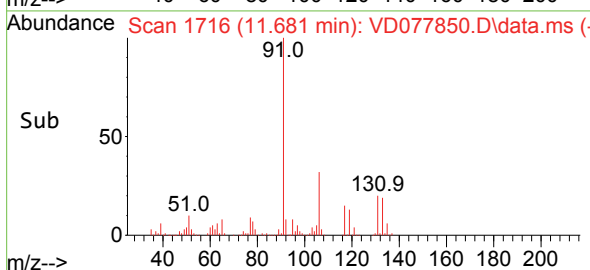
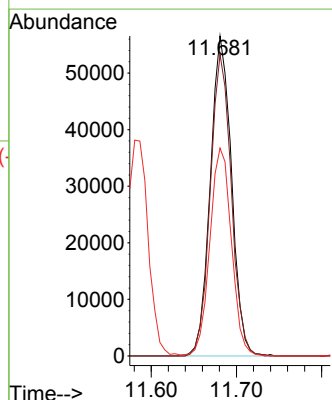
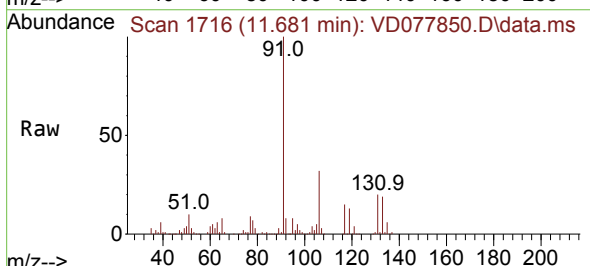
Tgt Ion:131 Resp: 97532

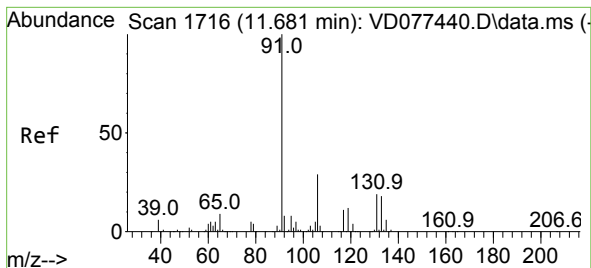
Ion Ratio Lower Upper

131 100

133 93.6 48.5 145.5

119 66.1 35.6 106.9





#67

Ethyl Benzene

Concen: 52.699 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

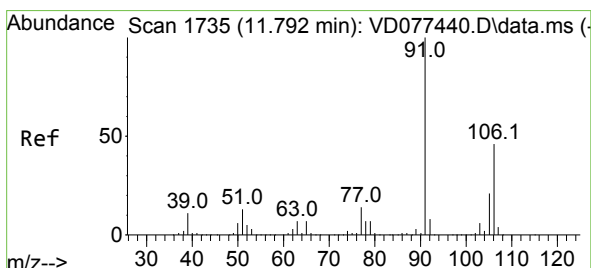
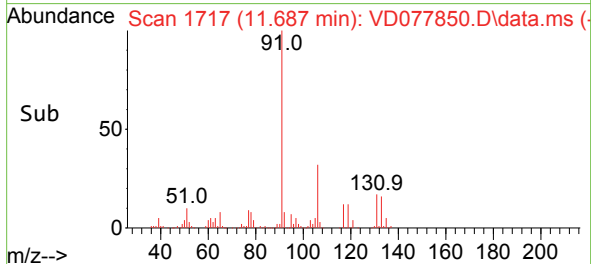
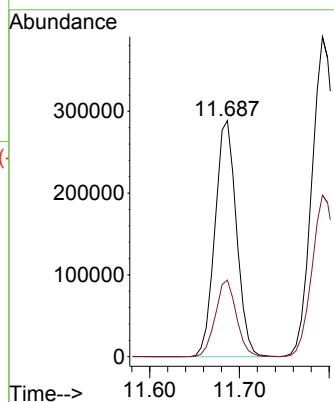
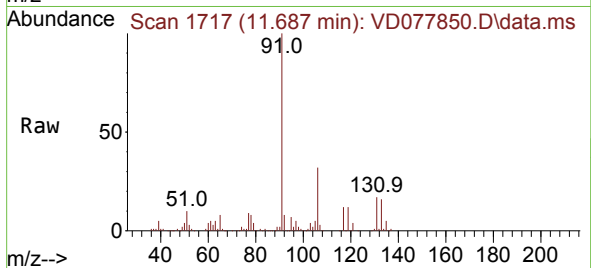
VSTDCCC050EC

Tgt Ion: 91 Resp: 479290

Ion Ratio Lower Upper

91 100

106 32.5 26.5 39.7



#68

m/p-Xylenes

Concen: 106.697 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077850.D

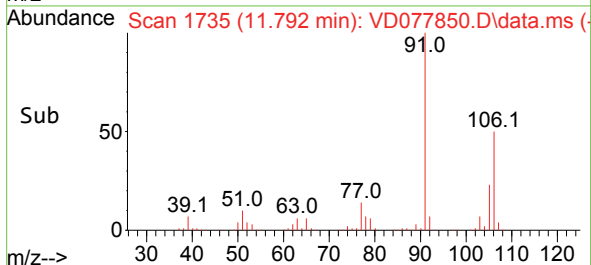
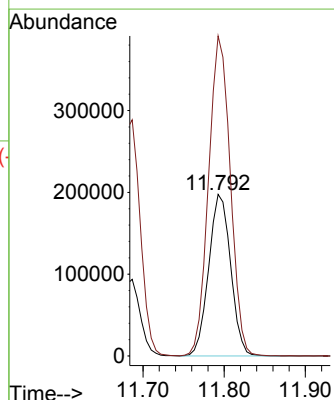
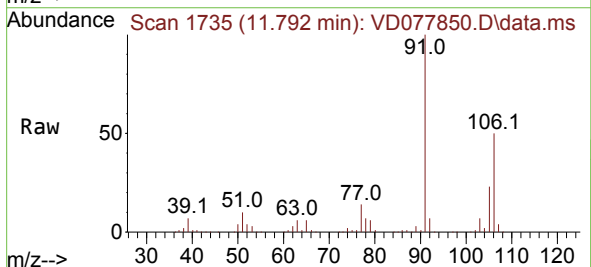
Acq: 12 Dec 2023 18:49

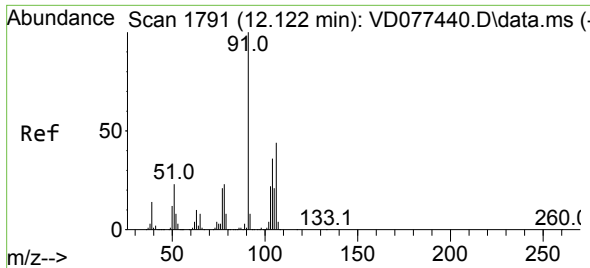
Tgt Ion:106 Resp: 371186

Ion Ratio Lower Upper

106 100

91 196.4 147.0 220.6

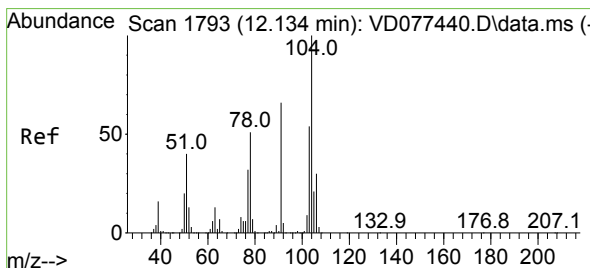
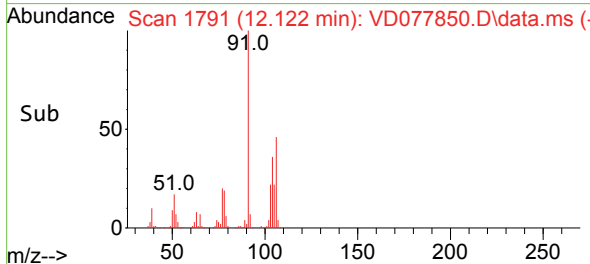
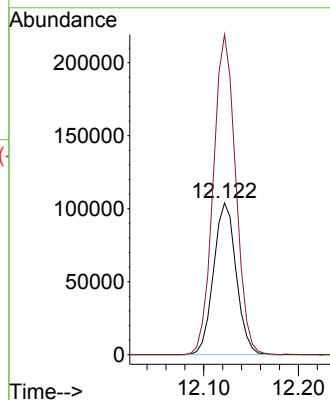
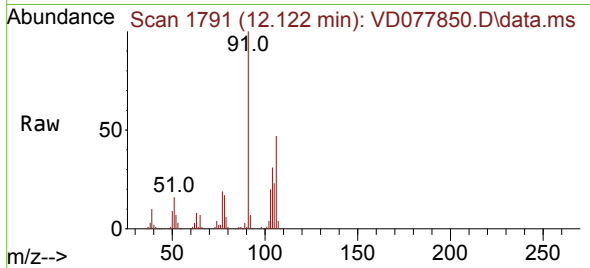




#69
o-Xylene
Concen: 53.886 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

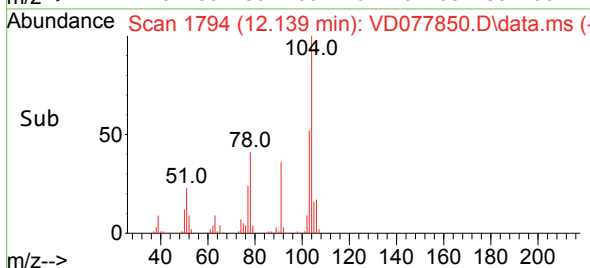
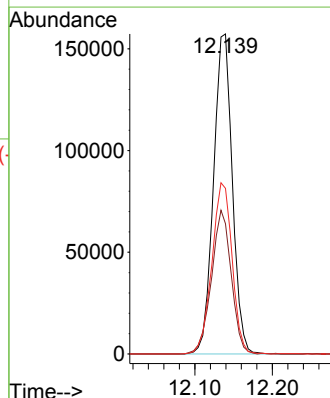
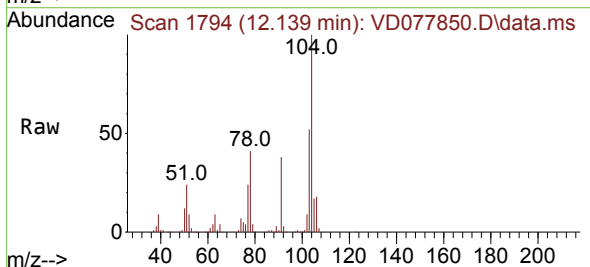
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

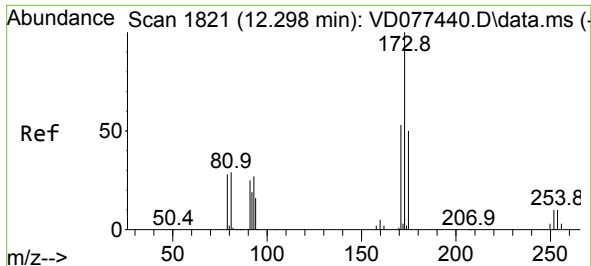
Tgt Ion:106 Resp: 172769
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6



#70
Styrene
Concen: 55.647 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:104 Resp: 265296
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 57.4 43.6 65.4

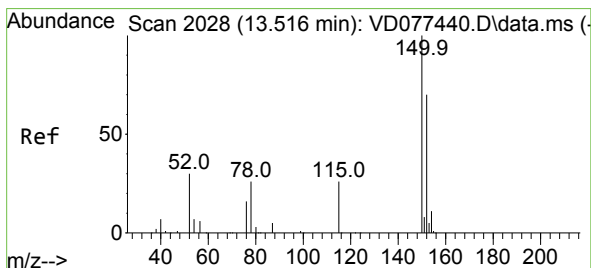
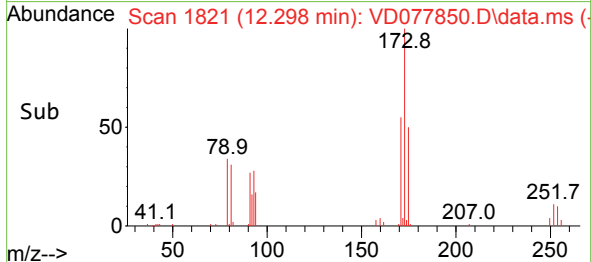
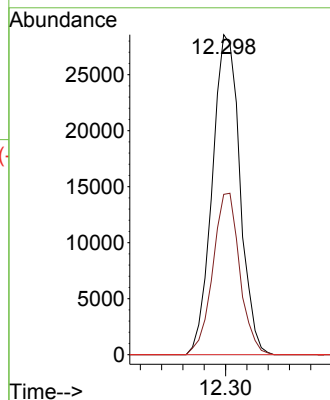
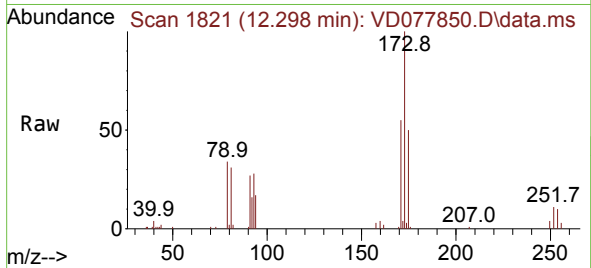




#71
Bromoform
Concen: 54.196 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

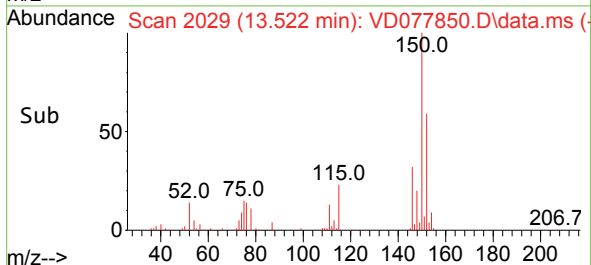
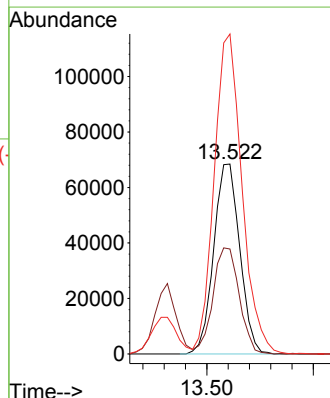
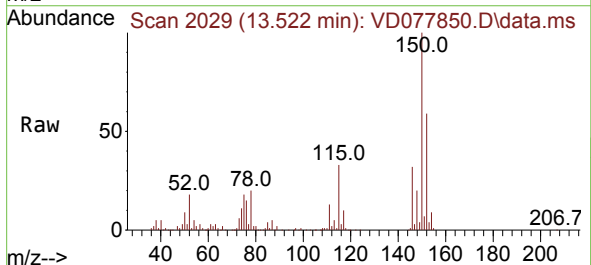
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

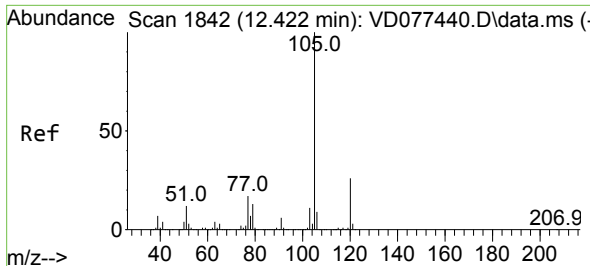
Tgt Ion:173 Resp: 51442
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:152 Resp: 116213
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 179.8 0.0 353.6

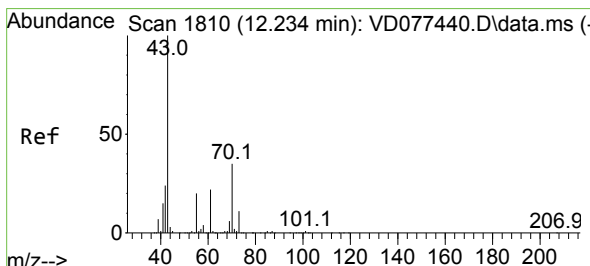
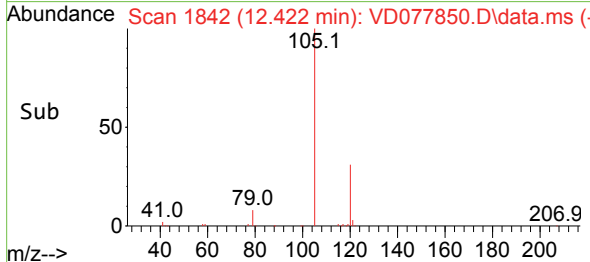
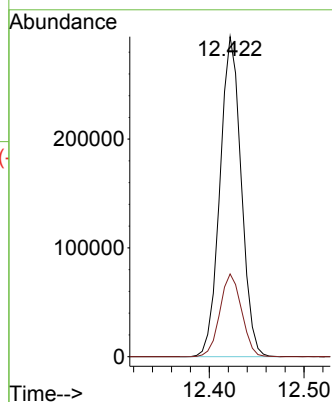
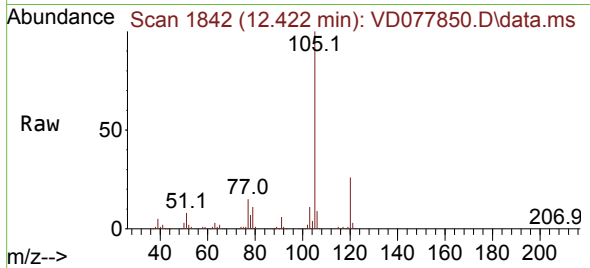




#73
Isopropylbenzene
Concen: 52.183 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

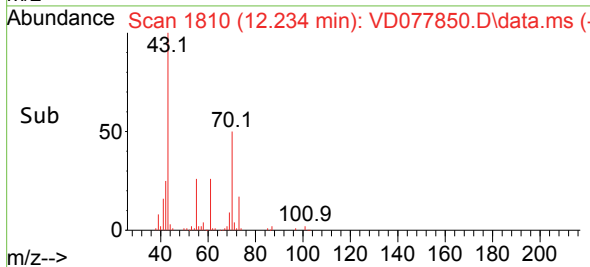
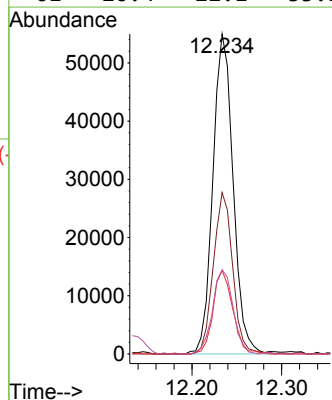
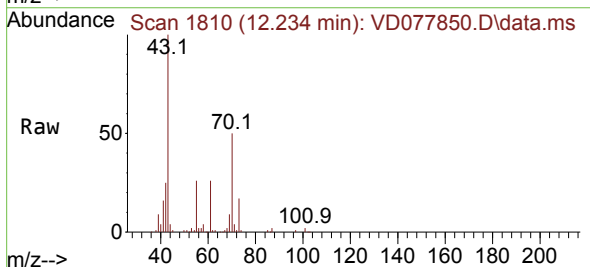
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

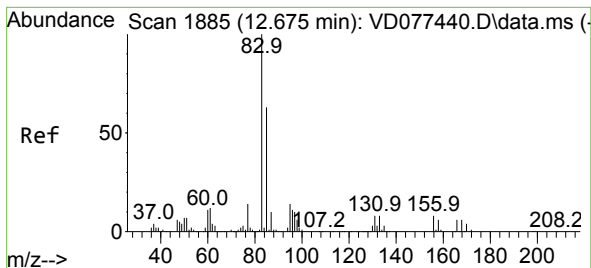
Tgt Ion:105 Resp: 459624
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 49.961 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 43 Resp: 86501
Ion Ratio Lower Upper
43 100
70 48.0 45.0 67.4
55 25.2 23.8 35.6
61 26.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.352 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

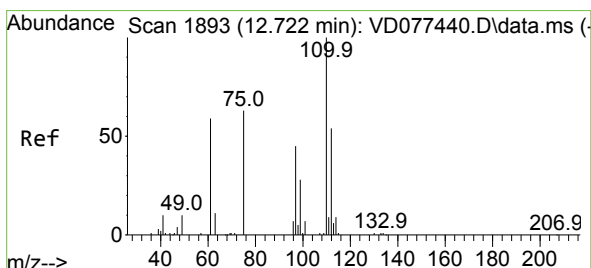
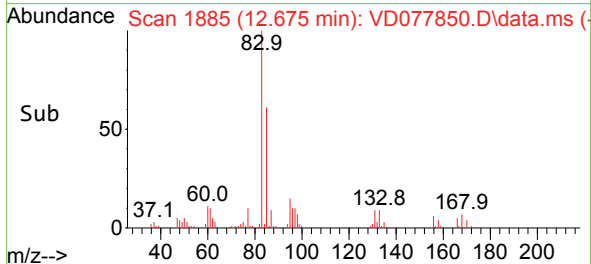
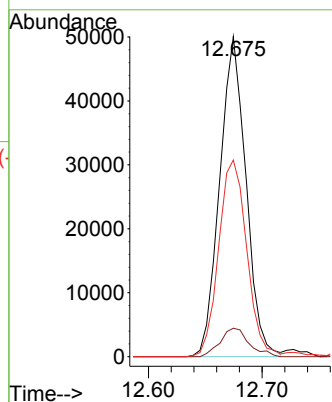
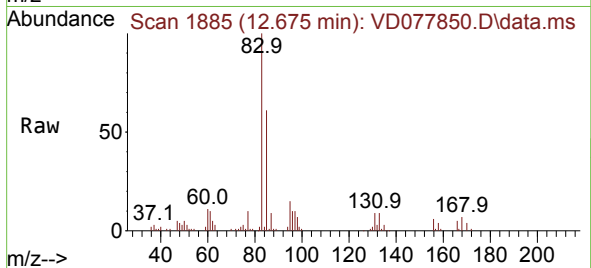
Tgt Ion: 83 Resp: 80400

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 65.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 101.130 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077850.D

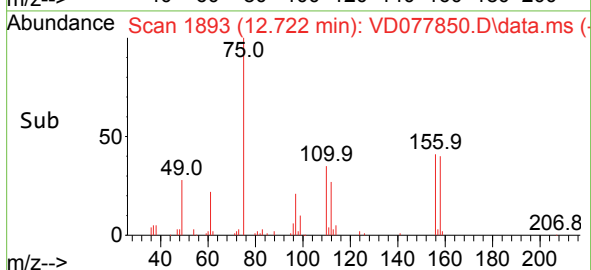
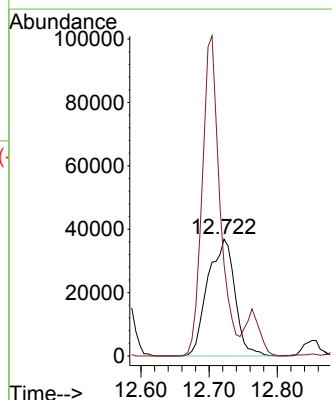
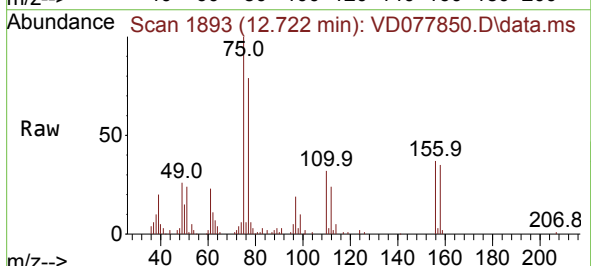
Acq: 12 Dec 2023 18:49

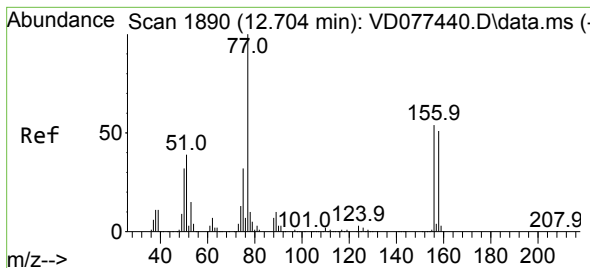
Tgt Ion: 75 Resp: 102072

Ion Ratio Lower Upper

75 100

77 180.1 0.0 0.0#





#77

Bromobenzene

Concen: 51.703 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

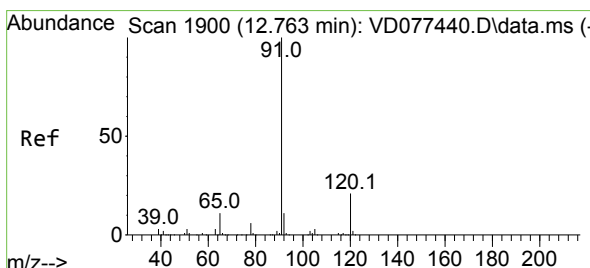
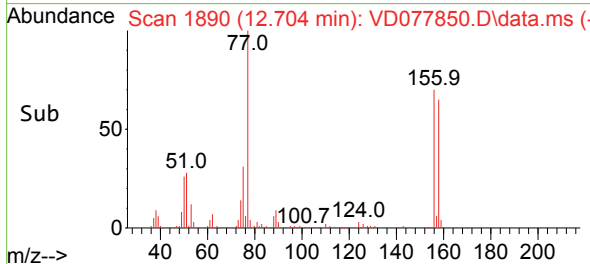
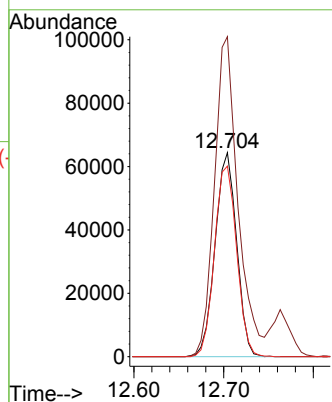
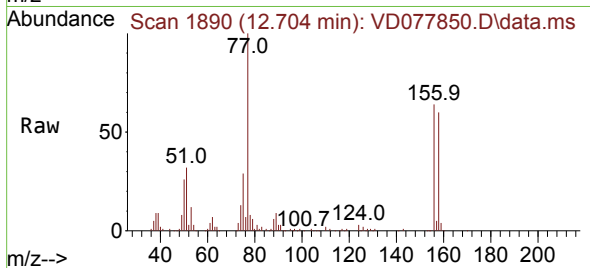
Tgt Ion:156 Resp: 107116

Ion Ratio Lower Upper

156 100

77 171.6 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 52.458 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077850.D

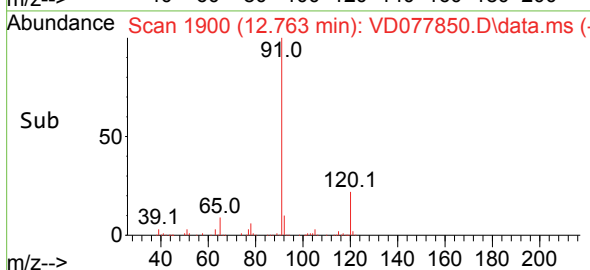
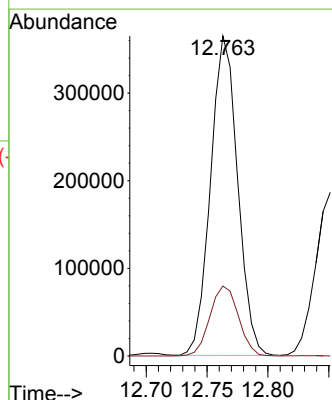
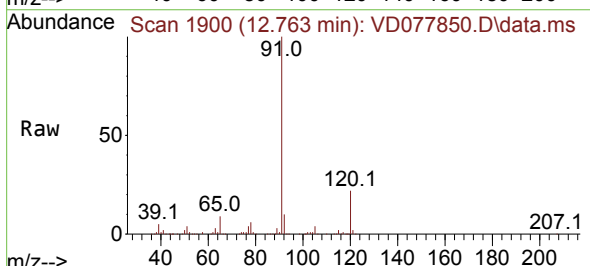
Acq: 12 Dec 2023 18:49

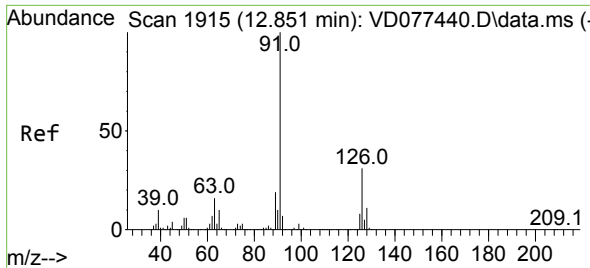
Tgt Ion: 91 Resp: 563021

Ion Ratio Lower Upper

91 100

120 23.1 12.4 37.2

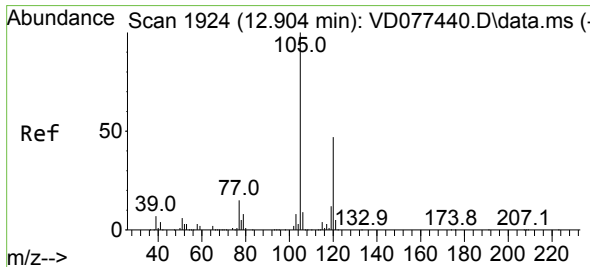
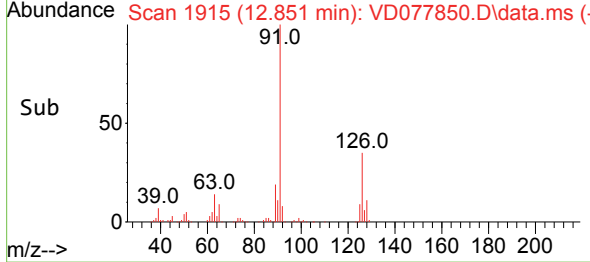
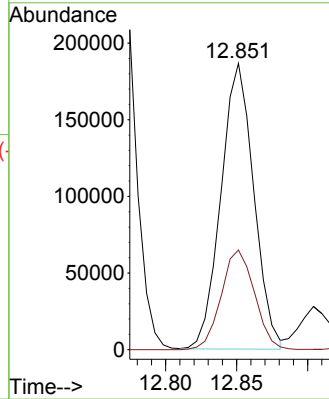
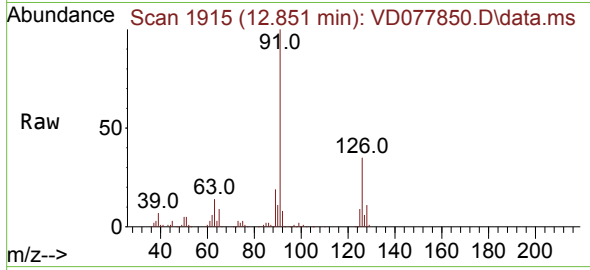




#79
2-Chlorotoluene
Concen: 52.139 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

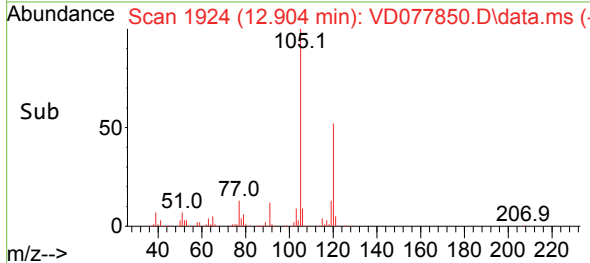
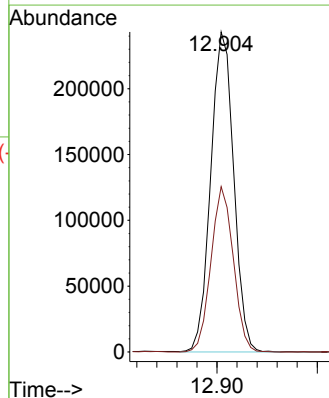
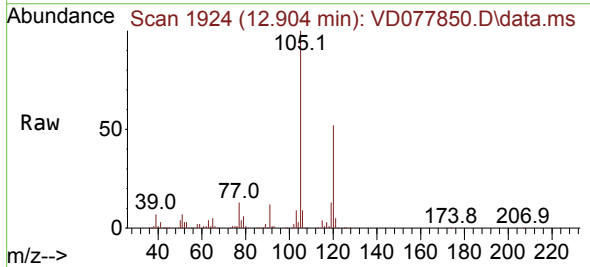
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

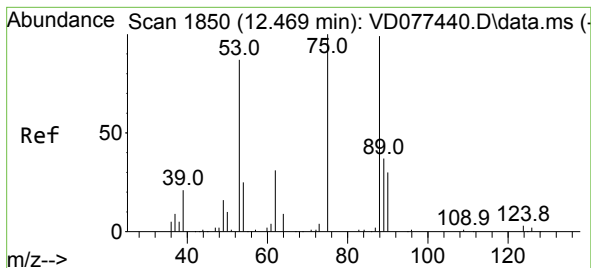
Tgt Ion: 91 Resp: 299892
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.564 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 105 Resp: 386139
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2

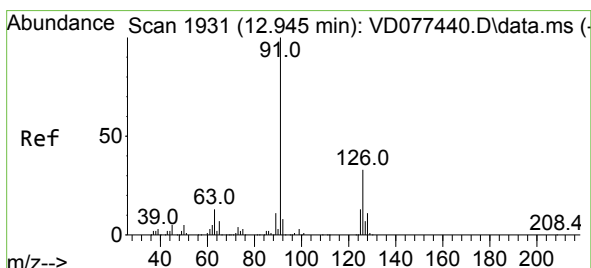
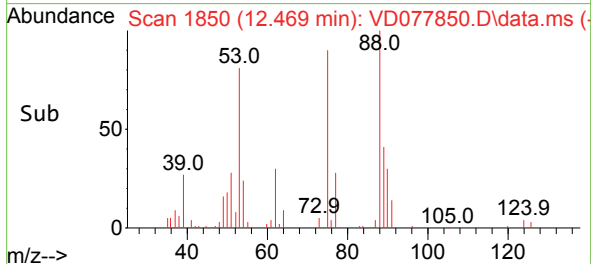
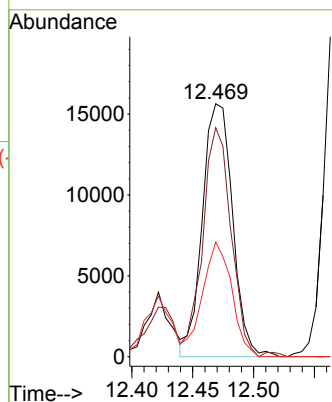
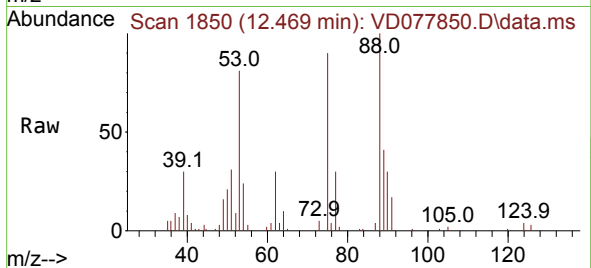




#81
trans-1,4-Dichloro-2-butene
Concen: 54.099 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

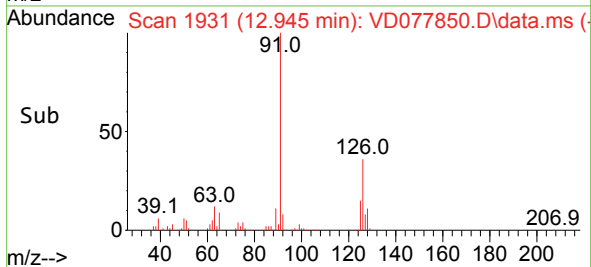
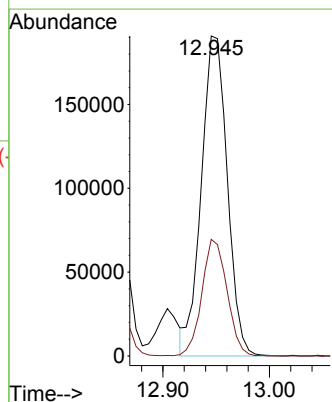
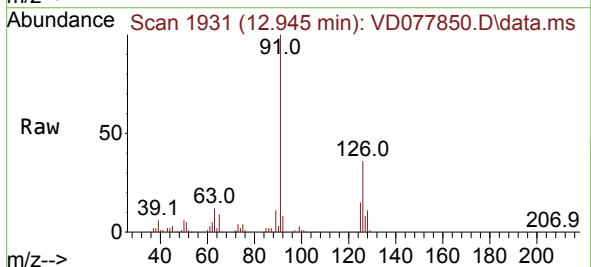
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

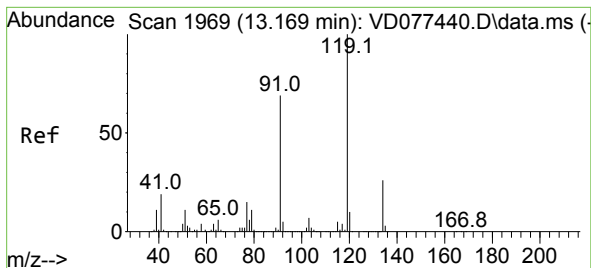
Tgt Ion:	75	Resp:	26950
Ion	Ratio	Lower	Upper
75	100		
53	84.8	63.0	94.4
89	44.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 53.939 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:	91	Resp:	324336
Ion	Ratio	Lower	Upper
91	100		
126	35.3	19.4	58.4





#83

tert-Butylbenzene

Concen: 53.122 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

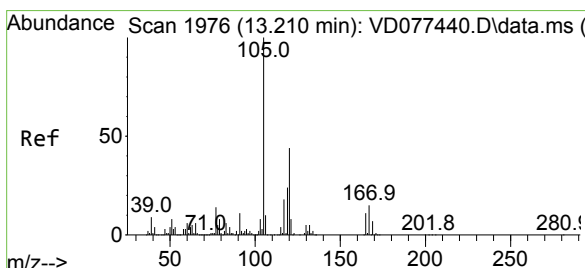
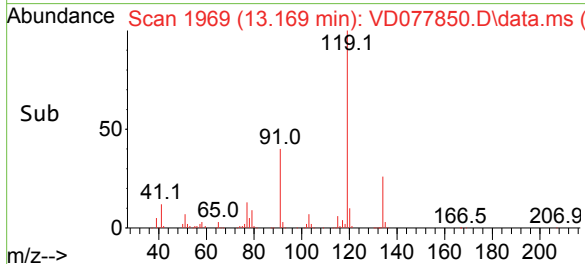
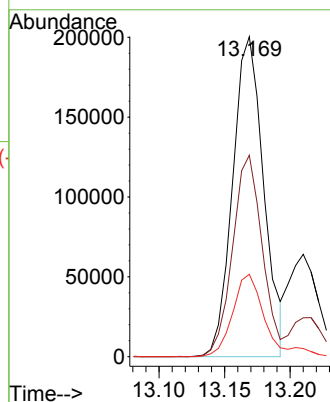
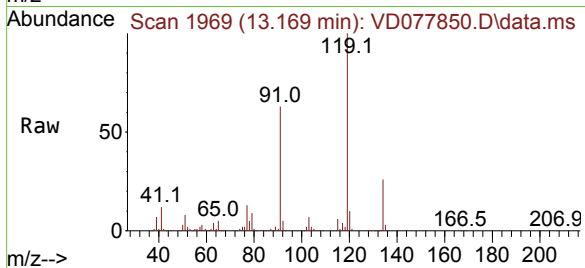
Tgt Ion:119 Resp: 329453

Ion Ratio Lower Upper

119 100

91 60.2 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 54.266 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077850.D

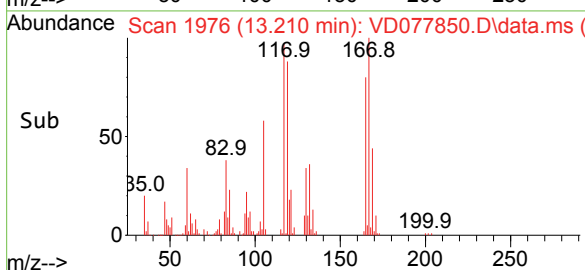
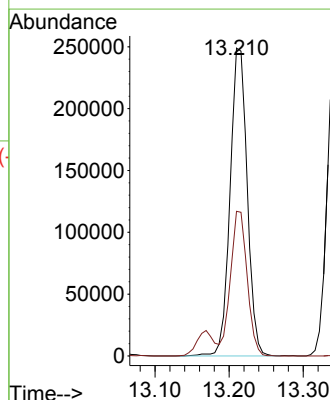
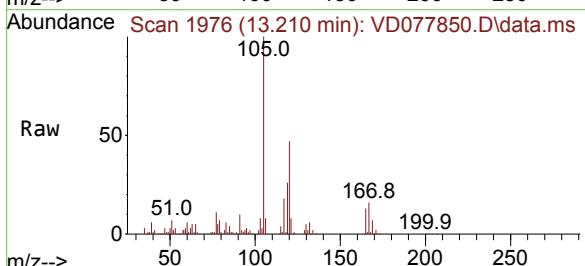
Acq: 12 Dec 2023 18:49

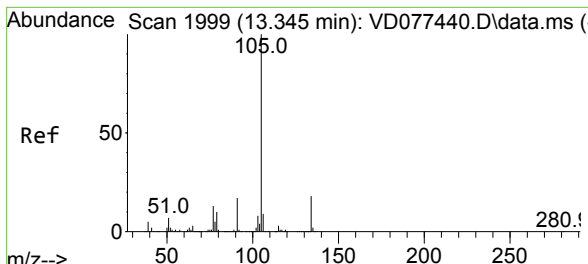
Tgt Ion:105 Resp: 398719

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9

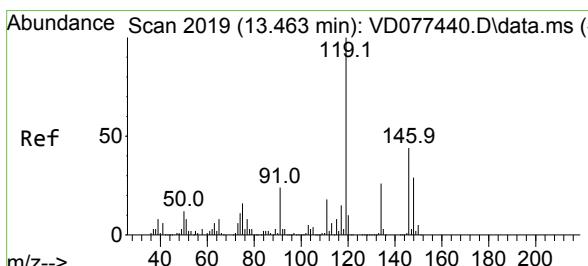
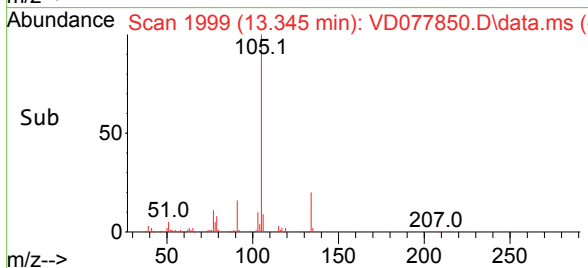
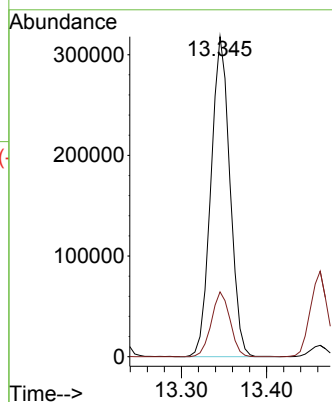
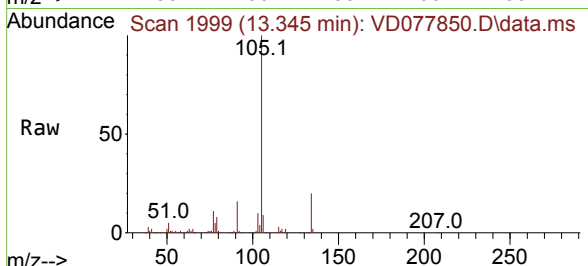




#85
 sec-Butylbenzene
 Concen: 53.718 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

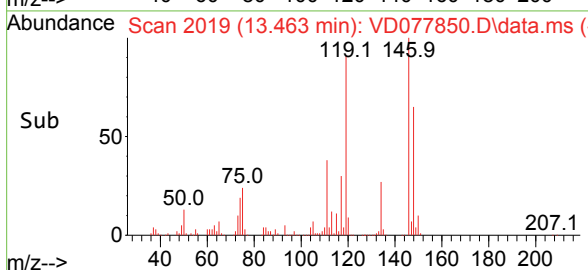
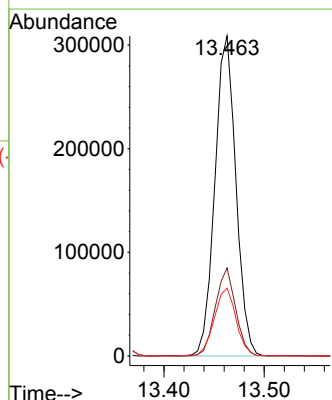
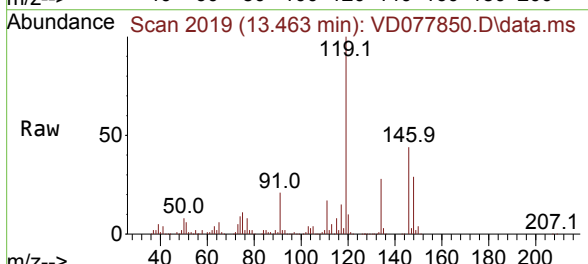
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

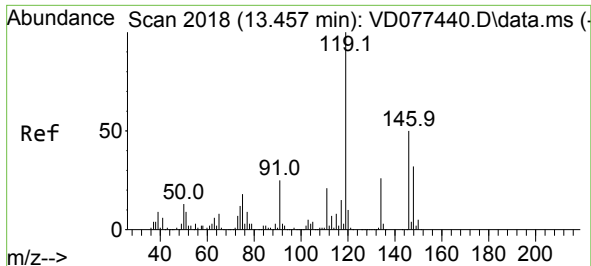
Tgt Ion:105 Resp: 492448
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.682 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Tgt Ion:119 Resp: 448810
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 22.1 10.5 31.5

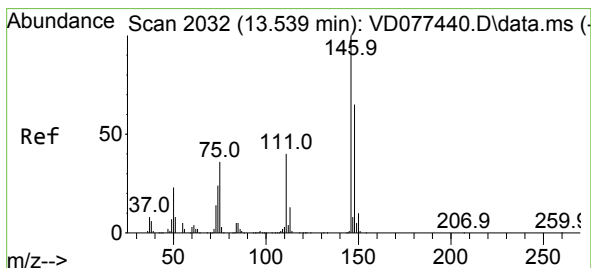
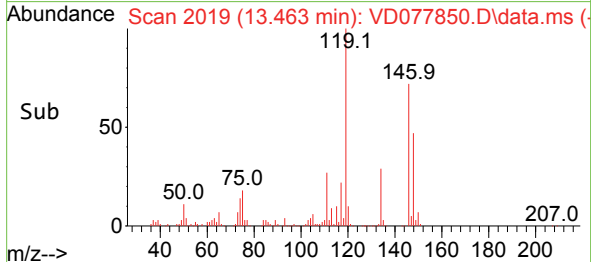
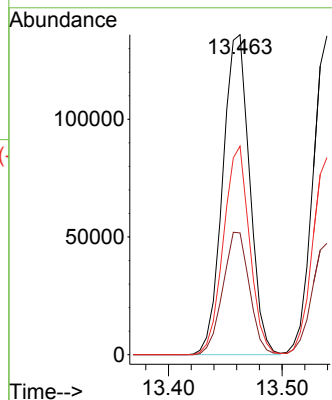
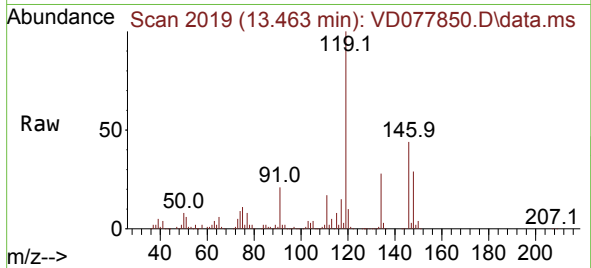




#87
1,3-Dichlorobenzene
Concen: 52.829 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

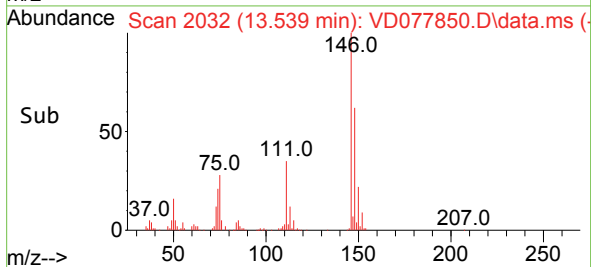
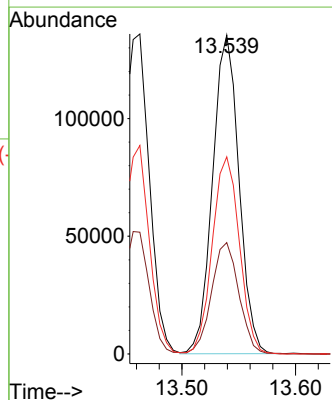
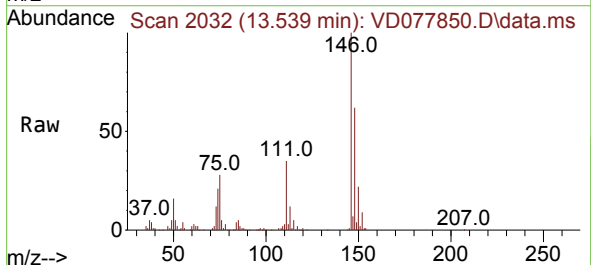
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

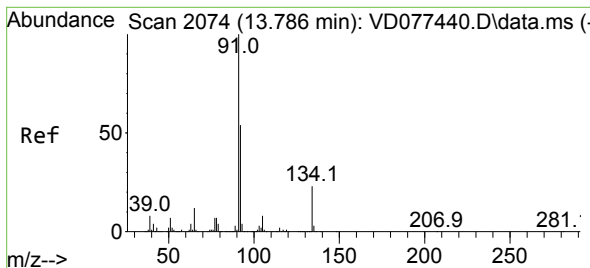
Tgt Ion:146 Resp: 223821
Ion Ratio Lower Upper
146 100
111 37.9 17.9 53.8
148 63.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 51.660 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:146 Resp: 218235
Ion Ratio Lower Upper
146 100
111 36.4 17.4 52.3
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 54.263 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077850.D

Acq: 12 Dec 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

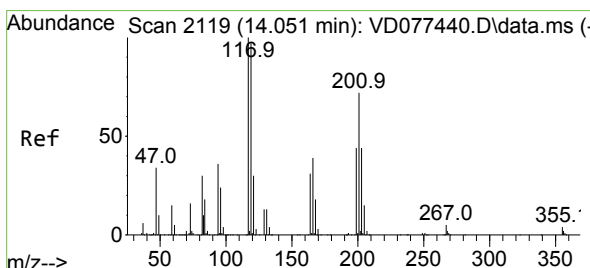
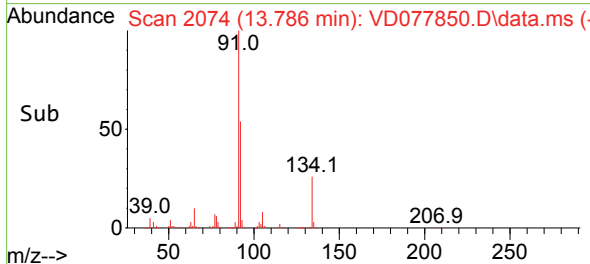
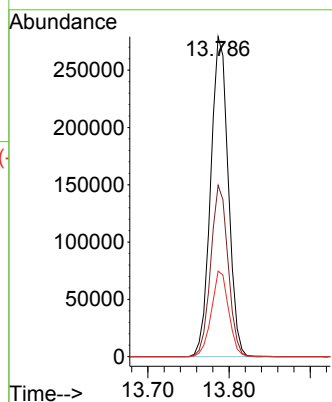
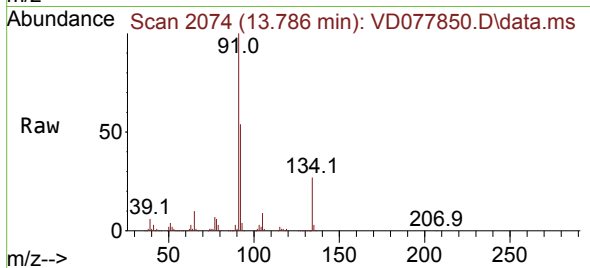
Tgt Ion: 91 Resp: 419080

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 26.2 13.8 41.3



#90

Hexachloroethane

Concen: 54.991 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077850.D

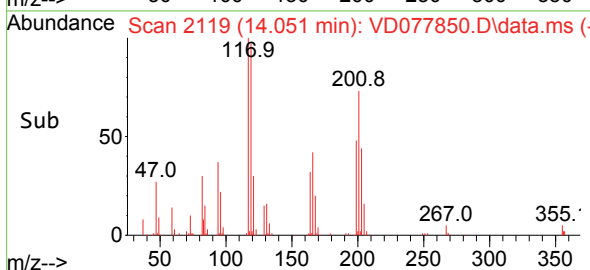
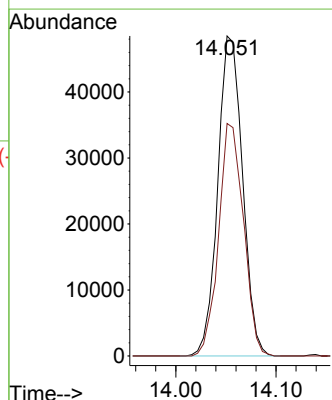
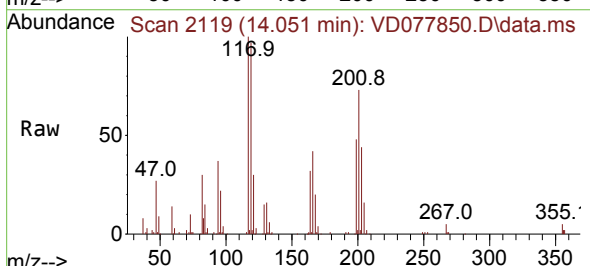
Acq: 12 Dec 2023 18:49

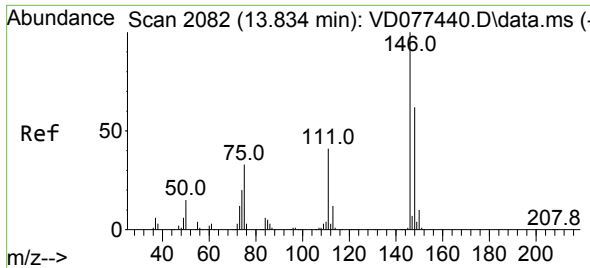
Tgt Ion: 117 Resp: 83006

Ion Ratio Lower Upper

117 100

201 72.9 38.5 115.5

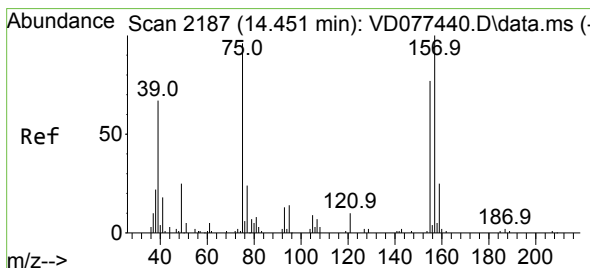
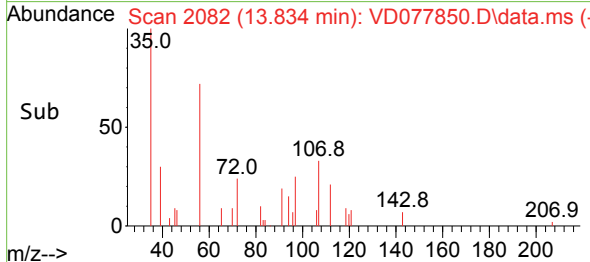
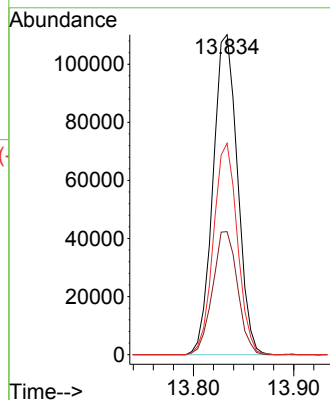
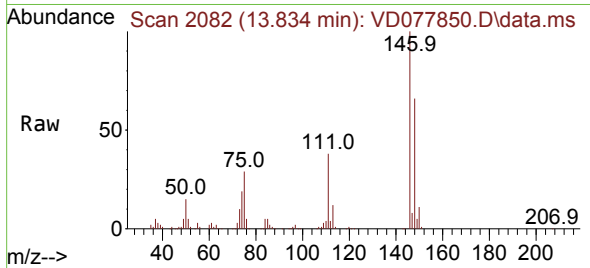




#91
1,2-Dichlorobenzene
Concen: 51.774 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

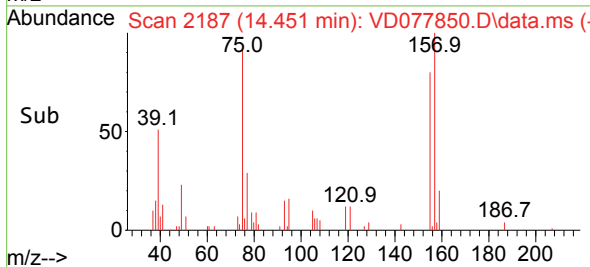
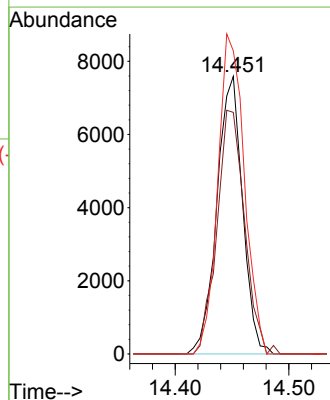
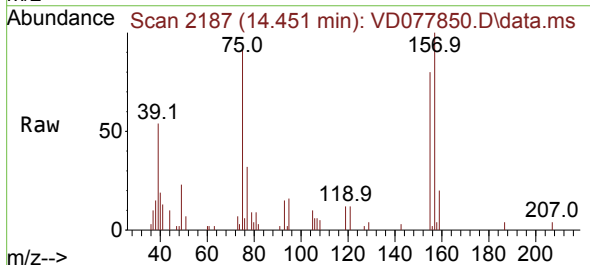
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

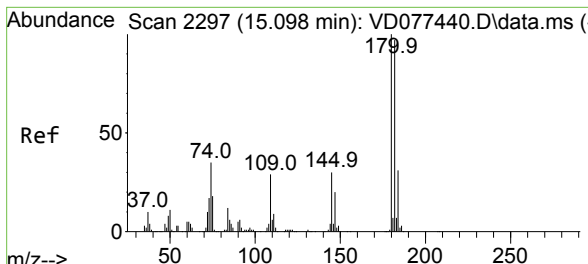
Tgt Ion:146 Resp: 186552
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 64.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.460 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion: 75 Resp: 11878
Ion Ratio Lower Upper
75 100
155 94.6 47.9 143.8
157 119.2 59.9 179.7

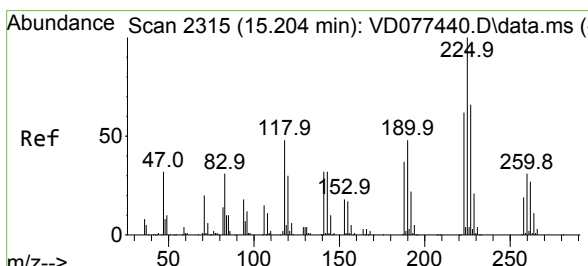
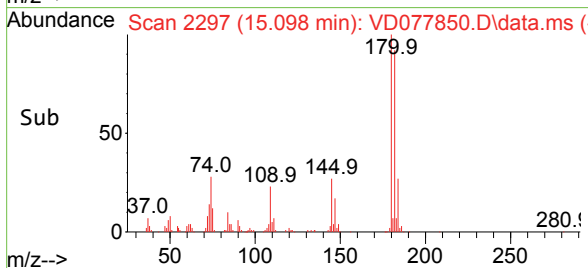
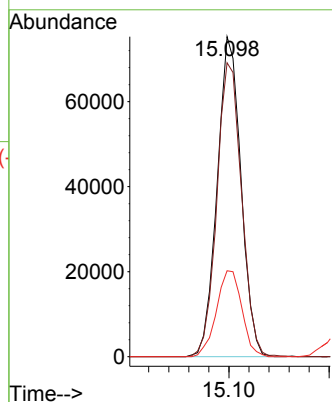
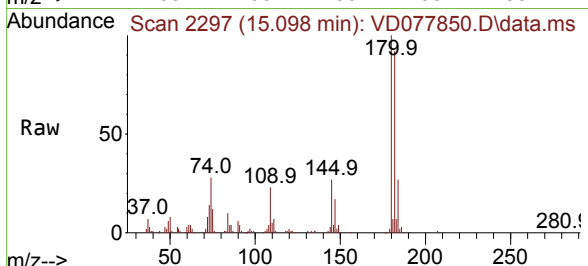




#93
 1,2,4-Trichlorobenzene
 Concen: 50.268 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

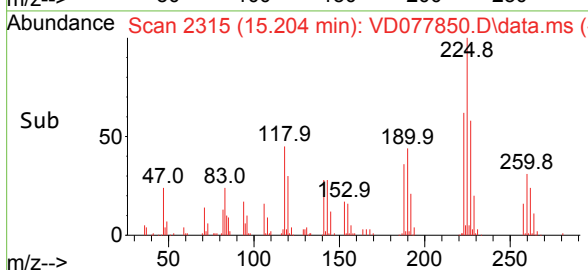
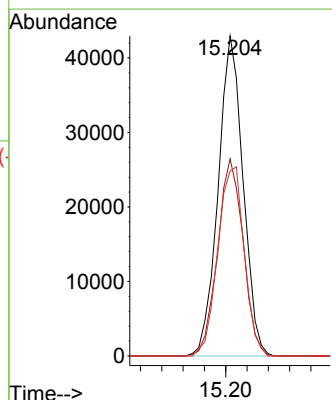
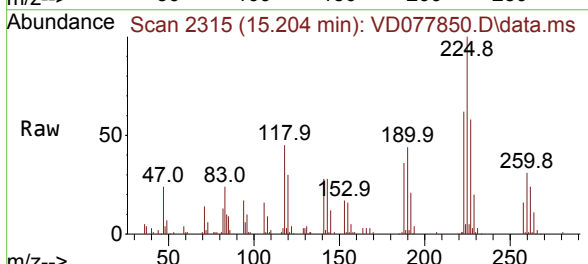
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

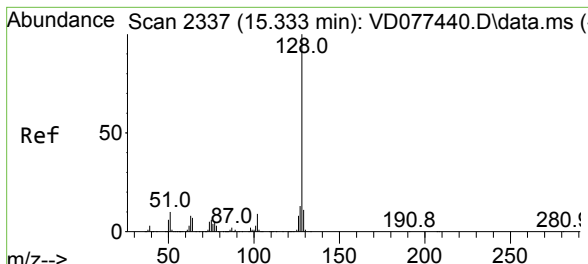
Tgt Ion:180 Resp: 123719
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.5 145.6
 145 28.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 52.445 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077850.D
 Acq: 12 Dec 2023 18:49

Tgt Ion:225 Resp: 69604
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.8
 227 62.7 31.7 95.1

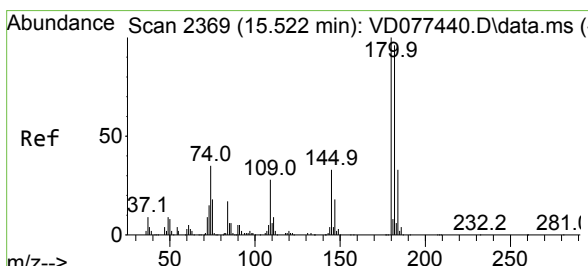
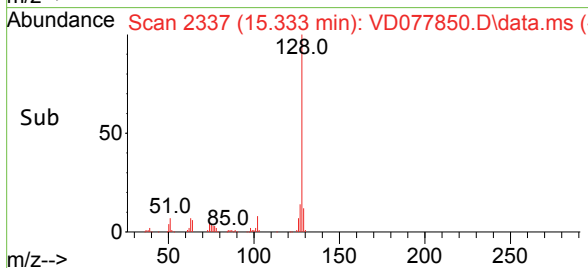
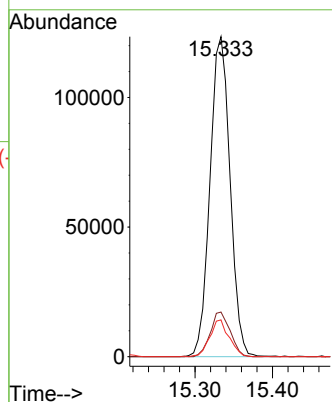
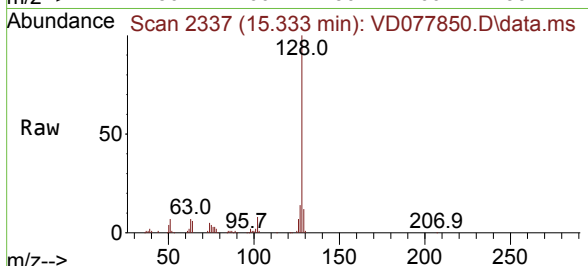




#95
Naphthalene
Concen: 54.308 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 222081
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.113 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077850.D
Acq: 12 Dec 2023 18:49

Tgt Ion:180 Resp: 103710
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.9
145 30.8 15.1 45.3

