

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075877.D
 Acq On : 28 Apr 2023 09:52
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025137

Quant Time: Apr 29 02:36:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	390487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	358004	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	182134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	223612	26.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.400%
7) Chloroethane-d5	2.799	69	193723	26.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.680%
11) 1,1-Dichloroethene-d2	3.916	65	47813	24.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.840%
21) 2-Butanone-d5	6.987	46	40383	54.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.600%
24) Chloroform-d	7.563	84	251494	25.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	8.228	65	108047	25.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.199	84	534780	25.629	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.520%
36) 1,2-Dichloropropane-d6	9.210	67	149530	25.890	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	10.269	98	503356	25.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.080%
43) trans-1,3-Dichloroprop...	10.528	79	58573	24.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.875	63	37431	53.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118227	26.751	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	153537	23.833	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	142560	26.483	ug/L	98
3) Chloromethane	2.146	50	211926	28.241	ug/L	97
5) Vinyl chloride	2.281	62	263478	26.865	ug/L	98
6) Bromomethane	2.693	94	159581	24.215	ug/L	97
8) Chloroethane	2.840	64	176061	27.757	ug/L	96
9) Trichlorofluoromethane	3.175	101	204788	25.987	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	140927	26.619	ug/L	99
12) 1,1-Dichloroethene	3.940	96	133128	25.929	ug/L	86
13) Acetone	4.022	43	35955	56.497	ug/L	92
14) Carbon disulfide	4.269	76	458416	25.562	ug/L	99
15) Methyl Acetate	4.622	43	1039	0.753	ug/L	100
16) Methylene chloride	4.799	84	165203	20.855	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	148954	25.873	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	237458	25.713	ug/L	100
19) 1,1-Dichloroethane	6.110	63	229434	27.204	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	155810	25.595	ug/L	99
22) 2-Butanone	7.081	43	47937	57.779	ug/L	96
23) Bromochloromethane	7.428	128	74109	26.250	ug/L	93
25) Chloroform	7.593	83	247203	26.153	ug/L	93

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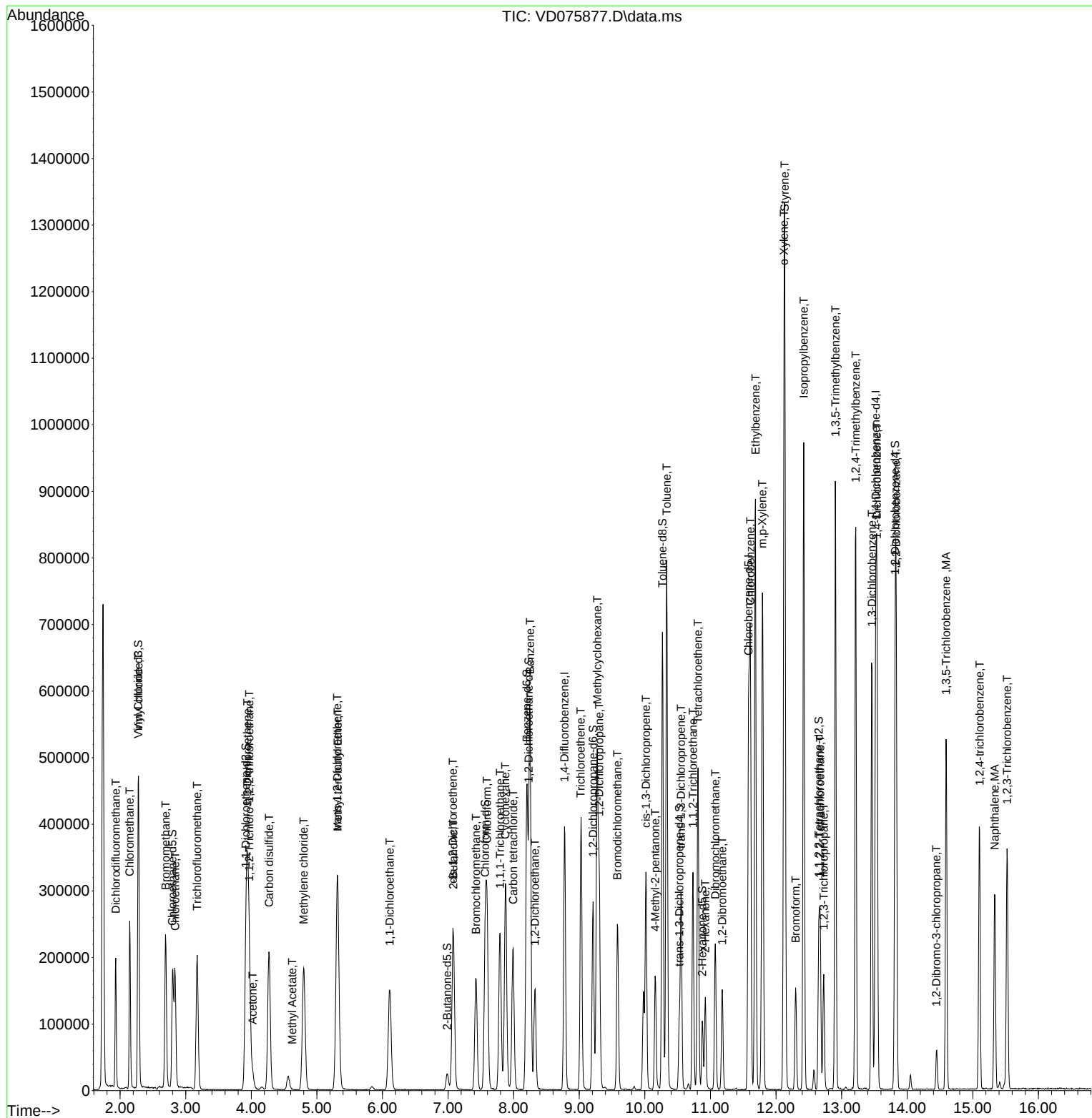
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	135748	27.823	ug/L	99
29) Cyclohexane	7.875	56	163005	26.597	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	198184	26.165	ug/L	99
31) Carbon tetrachloride	7.993	117	164130	27.009	ug/L	98
33) Benzene	8.251	78	579033	26.739	ug/L	100
34) Trichloroethene	9.022	95	145868	26.047	ug/L	95
35) Methylcyclohexane	9.275	83	229550	26.586	ug/L	99
37) 1,2-Dichloropropane	9.304	63	138577	27.858	ug/L	98
38) Bromodichloromethane	9.581	83	177069	26.400	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	209488	26.480	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	105675	58.267	ug/L	96
42) Toluene	10.334	91	647259	27.620	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	172292	27.110	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	111028	26.236	ug/L	96
46) Tetrachloroethene	10.810	164	119290	25.970	ug/L	97
48) 2-Hexanone	10.922	43	77861	60.897	ug/L	92
49) Dibromochloromethane	11.075	129	124343	26.990	ug/L	94
50) 1,2-Dibromoethane	11.181	107	104538	27.399	ug/L #	96
51) Chlorobenzene	11.610	112	406645	26.525	ug/L	98
52) Ethylbenzene	11.687	91	655754	27.288	ug/L	99
53) m,p-Xylene	11.792	106	271418	28.365	ug/L	98
54) o-Xylene	12.122	106	252396	27.771	ug/L	98
55) Styrene	12.134	104	448392	28.346	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	120305	27.940	ug/L	97
59) Bromoform	12.298	173	71293	25.540	ug/L	99
60) Isopropylbenzene	12.422	105	640442	26.519	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	73588	25.720	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	480099	26.659	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	465501	26.815	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	297511	25.747	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	308813	25.464	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	265780	25.756	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13943	24.377	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	174669	22.552	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	140035	21.818	ug/L	98
71) Naphthalene	15.333	128	272509	23.201	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	129698	22.638	ug/L	99

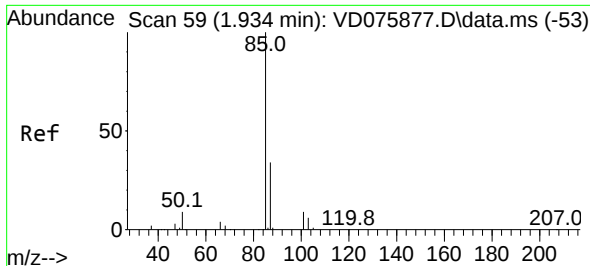
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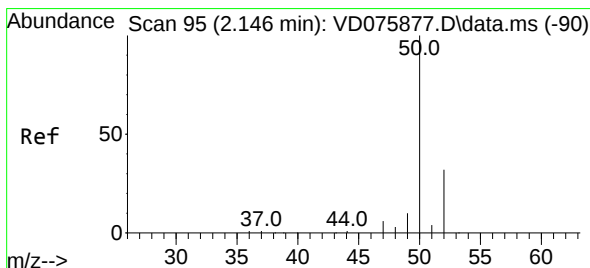
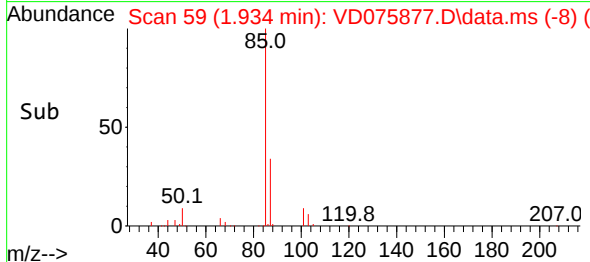
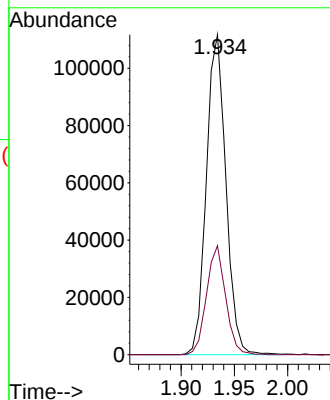
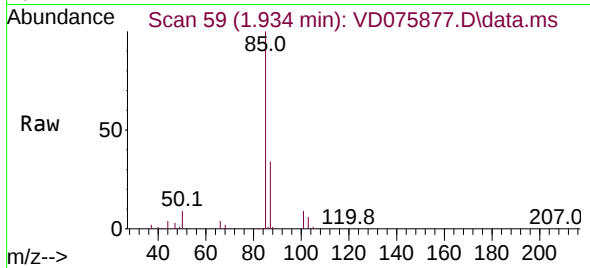




#2
 Dichlorodifluoromethane
 Concen: 26.483 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

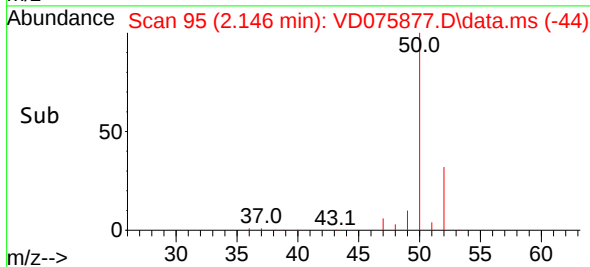
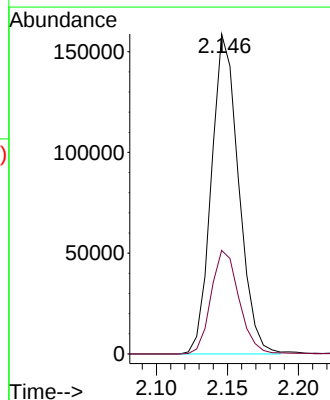
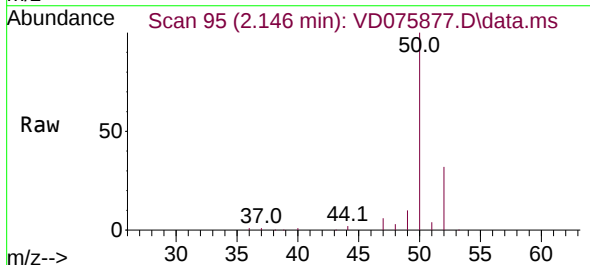
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 ClientSampleId :
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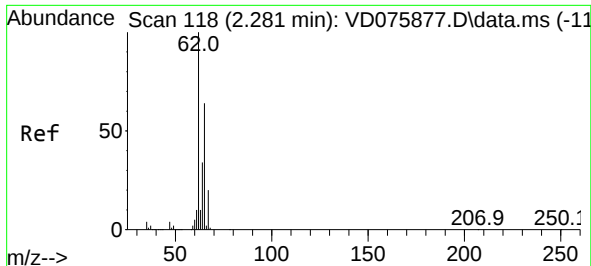
Tgt Ion: 85 Resp: 142560
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.8



#3
 Chloromethane
 Concen: 28.241 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

Tgt Ion: 50 Resp: 211926
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 44.1

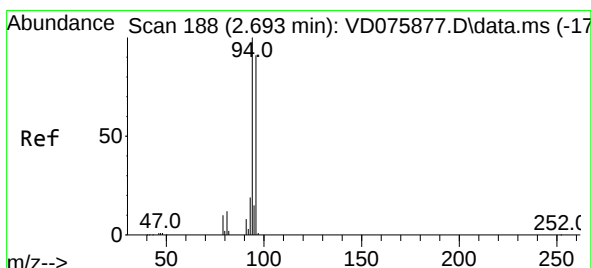
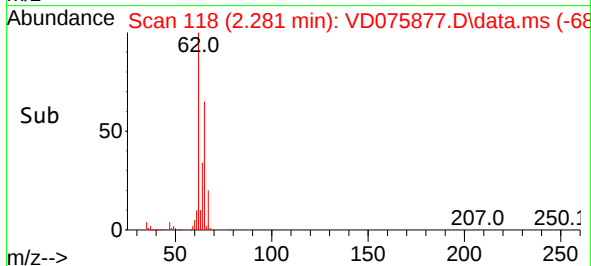
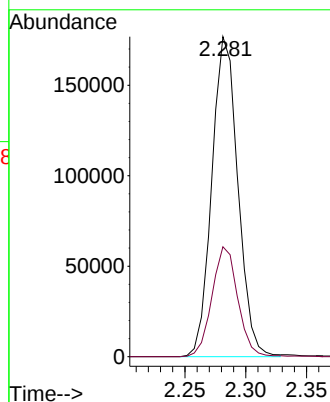
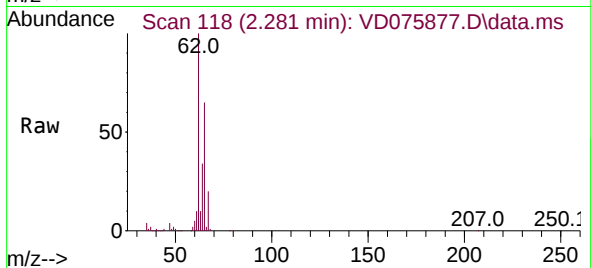




#5
 Vinyl chloride
 Concen: 26.865 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

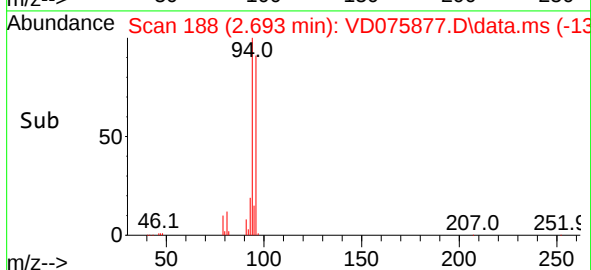
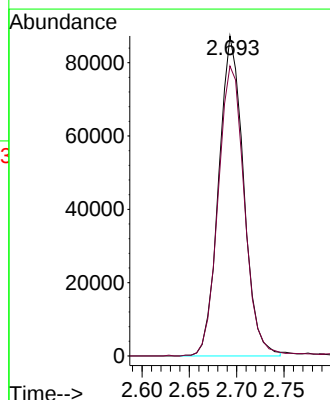
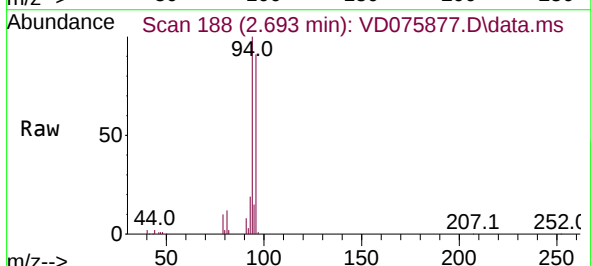
Instrument :
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 ClientSampleId :
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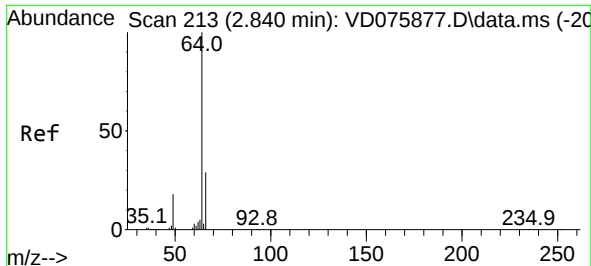
Tgt Ion: 62 Resp: 263478
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.0



#6
 Bromomethane
 Concen: 24.215 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

Tgt Ion: 94 Resp: 159581
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.7 121.9

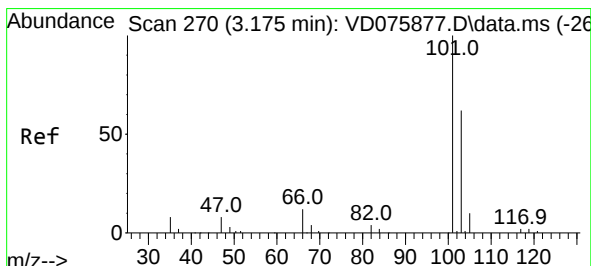
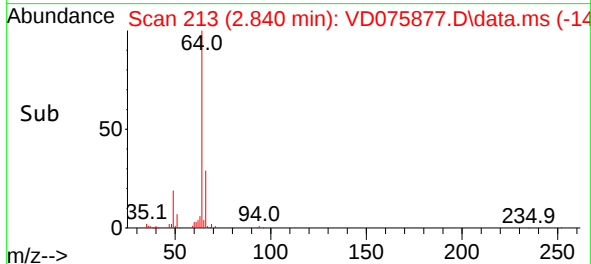
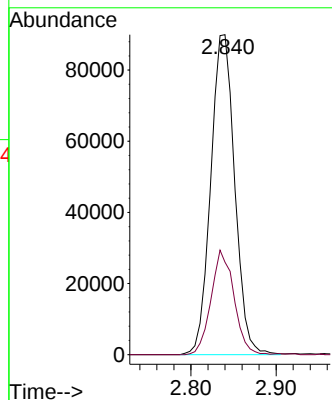
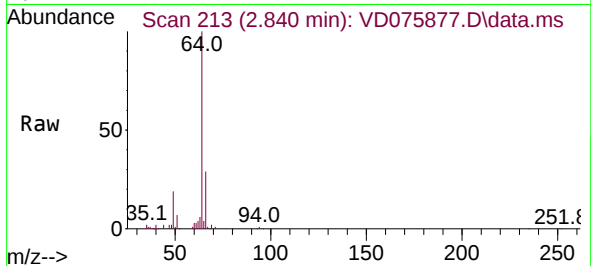




#8
Chloroethane
Concen: 27.757 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

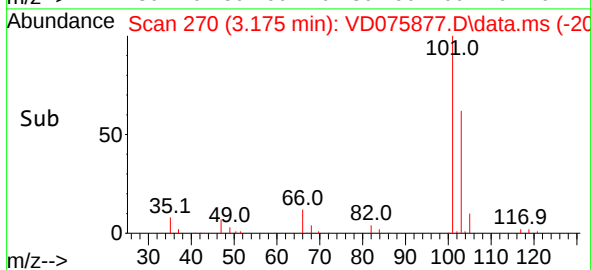
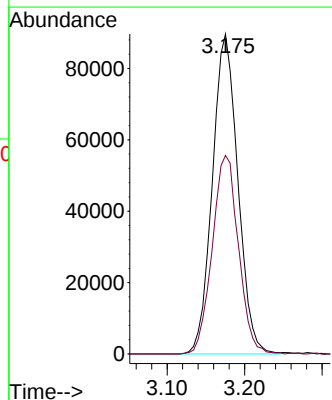
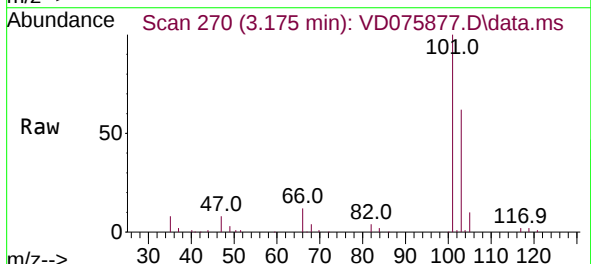
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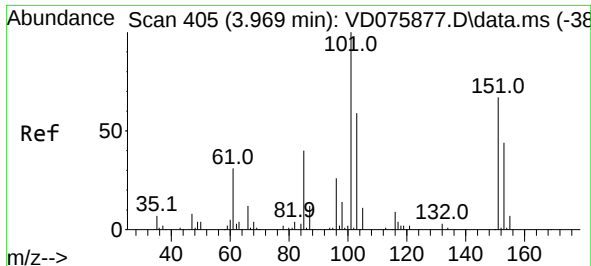
Tgt Ion: 64 Resp: 176061
Ion Ratio Lower Upper
64 100
66 28.9 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.987 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion:101 Resp: 204788
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

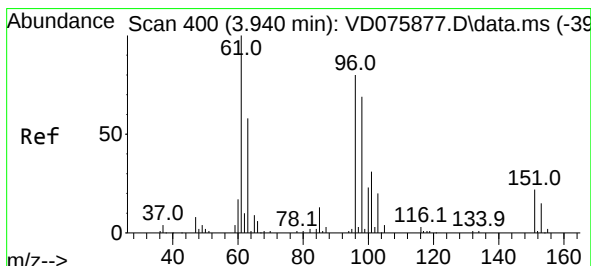
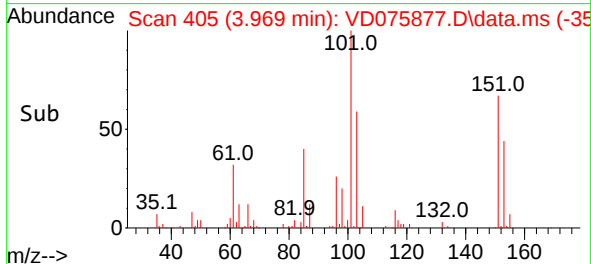
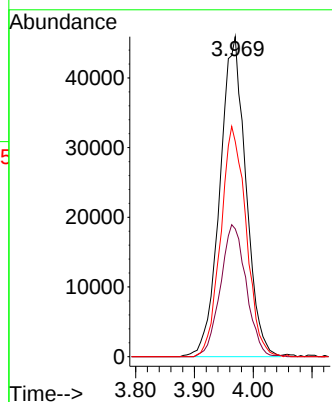
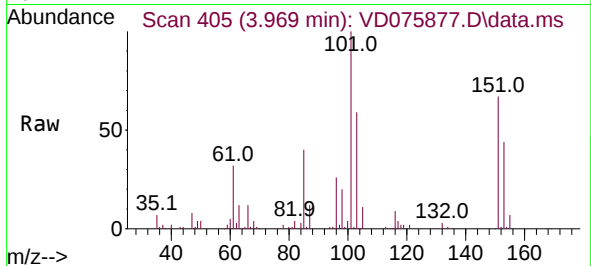




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.619 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

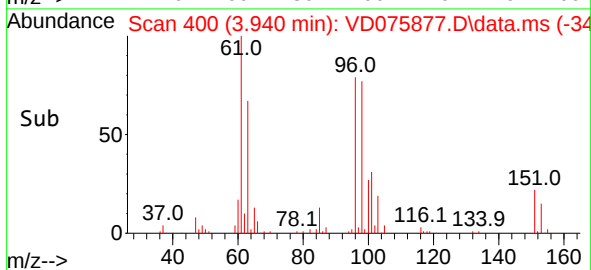
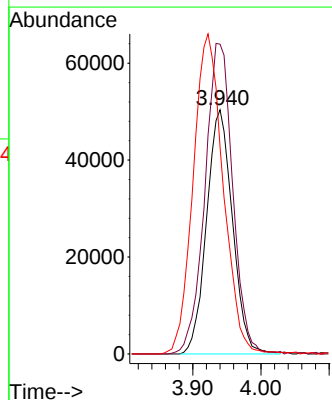
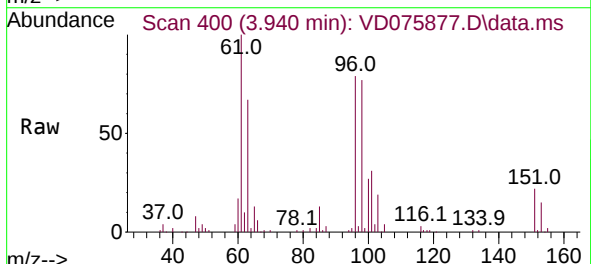
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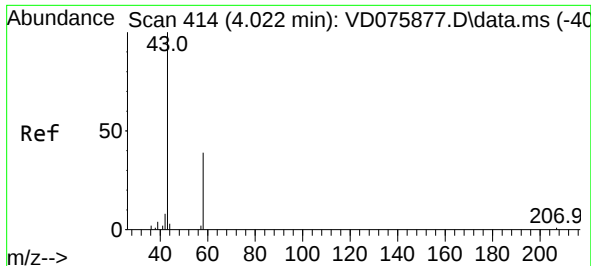
Tgt Ion:101 Resp: 140927
 Ion Ratio Lower Upper
 101 100
 85 40.8 32.9 49.3
 151 70.3 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.929 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

Tgt Ion: 96 Resp: 133128
 Ion Ratio Lower Upper
 96 100
 61 126.9 92.6 172.0
 63 84.8 77.4 143.8





#13

Acetone

Concen: 56.497 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

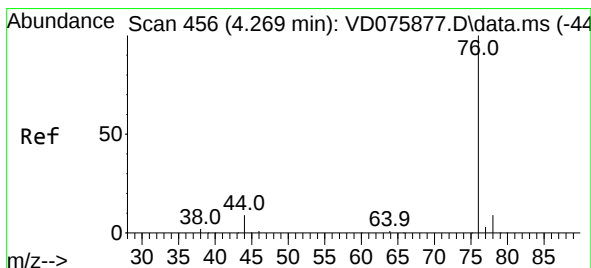
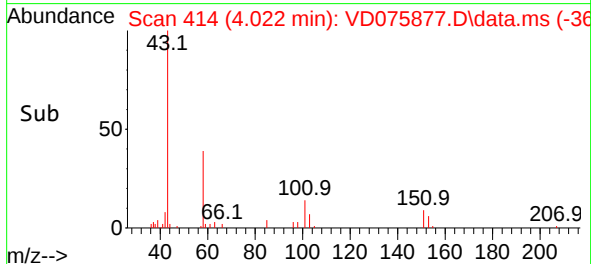
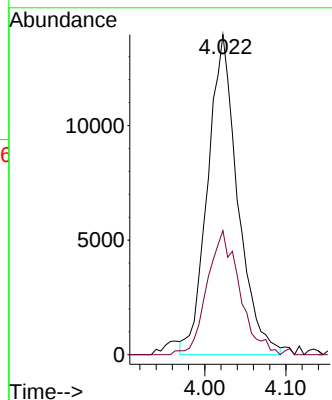
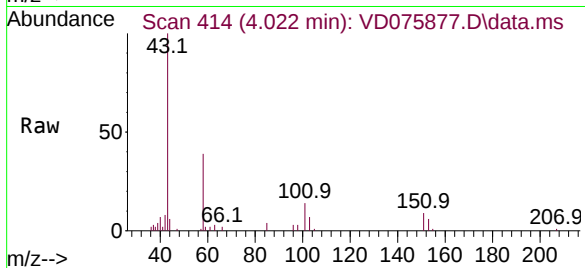
VSTD025137

Tgt Ion: 43 Resp: 35955

Ion Ratio Lower Upper

43 100

58 38.7 0.0 87.4



#14

Carbon disulfide

Concen: 25.562 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075877.D

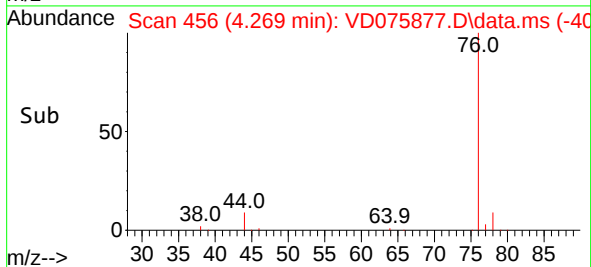
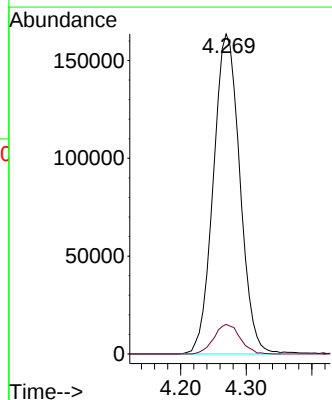
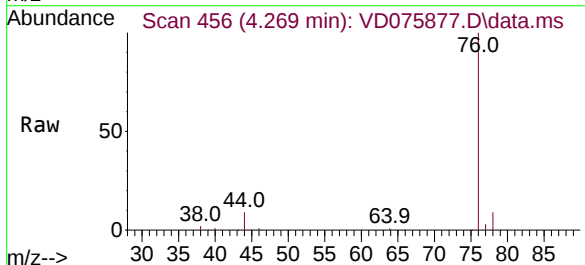
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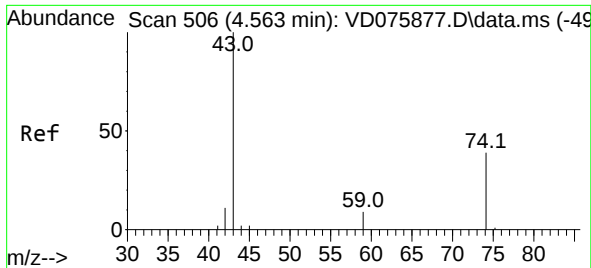
Tgt Ion: 76 Resp: 458416

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

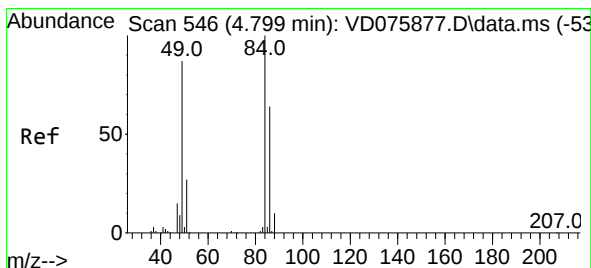
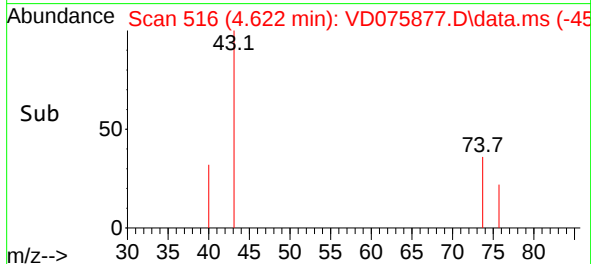
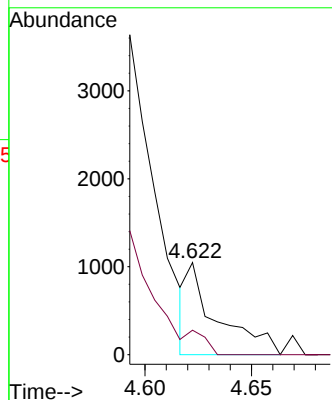
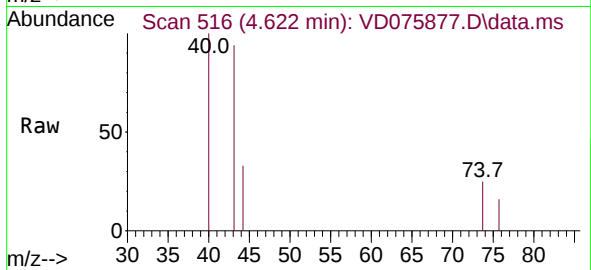




#15
Methyl Acetate
Concen: 0.753 ug/L
RT: 4.622 min Scan# 516
Delta R.T. 0.059 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

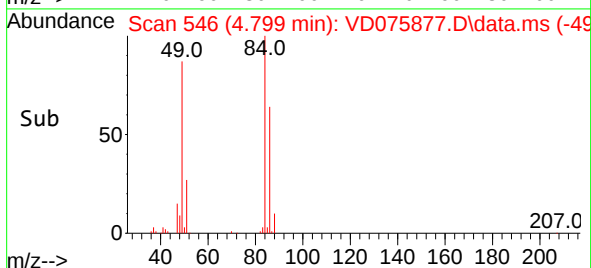
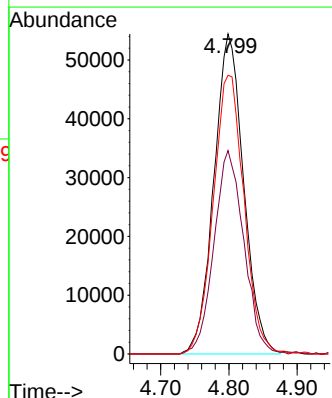
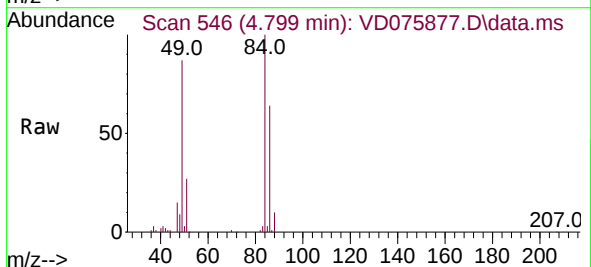
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

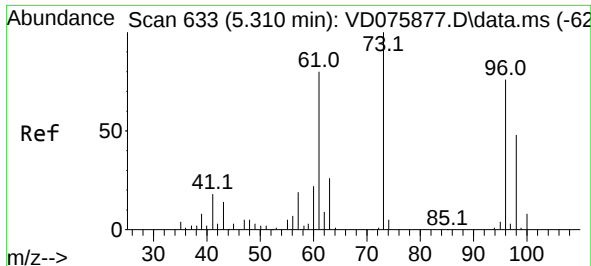
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
74 16.2 12.8 19.2



#16
Methylene chloride
Concen: 20.855 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 84 Resp: 165203
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.2
49 87.1 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.873 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

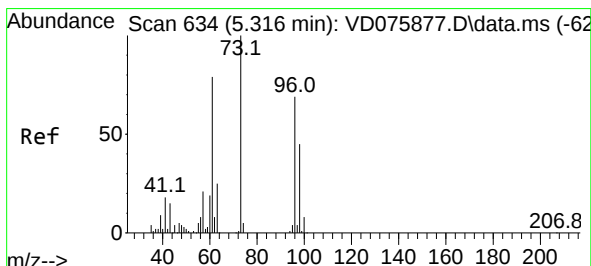
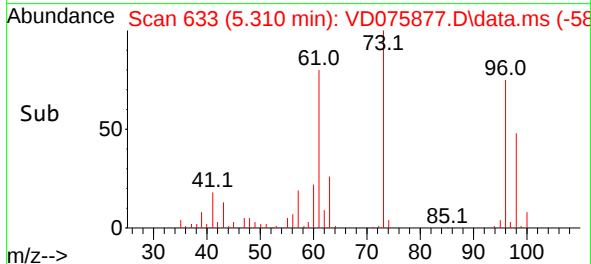
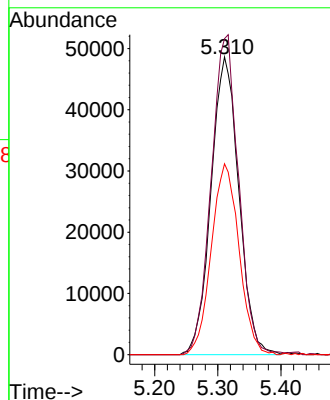
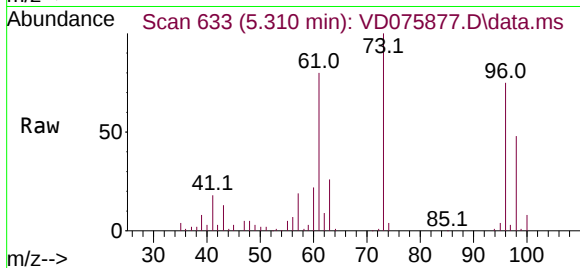
Tgt Ion: 96 Resp: 148954

Ion Ratio Lower Upper

96 100

61 106.1 72.9 135.5

98 64.1 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 25.713 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

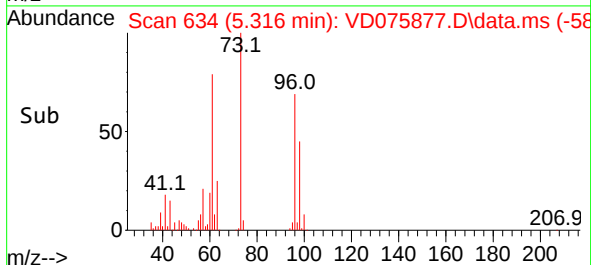
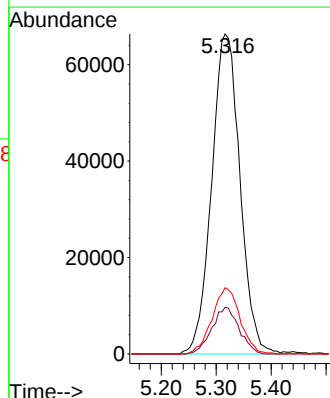
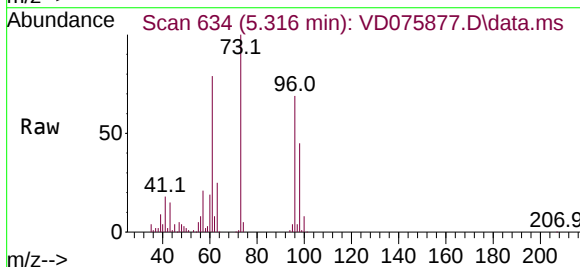
Tgt Ion: 73 Resp: 237458

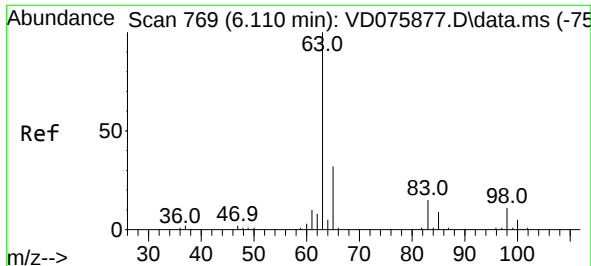
Ion Ratio Lower Upper

73 100

43 14.0 11.3 16.9

57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 27.204 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

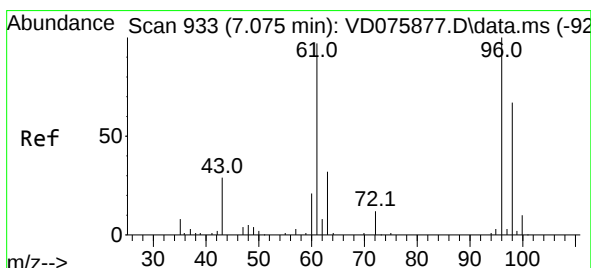
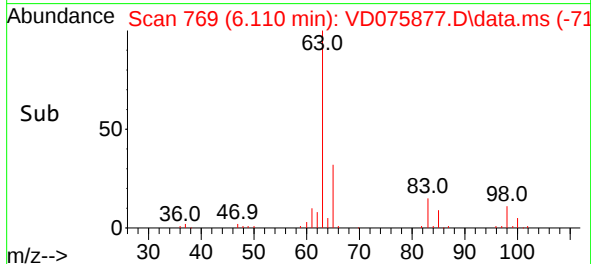
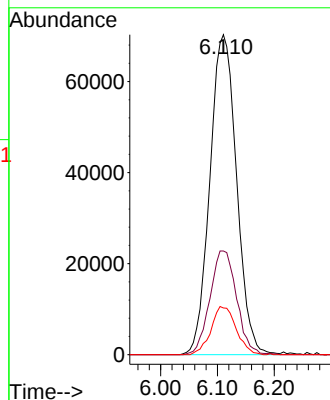
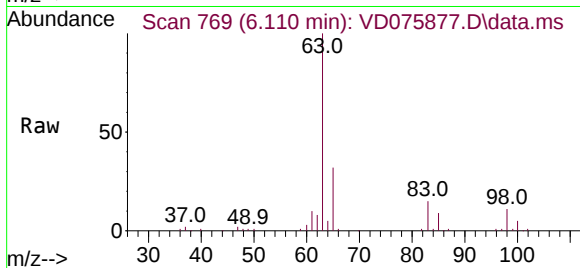
MSVOA_D

ClientSampleId :

VSTD025137

Tgt Ion: 63 Resp: 229434

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.8	42.4
83	14.6	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 25.595 ug/L

RT: 7.075 min Scan# 933

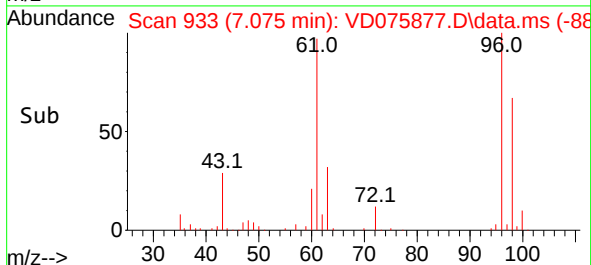
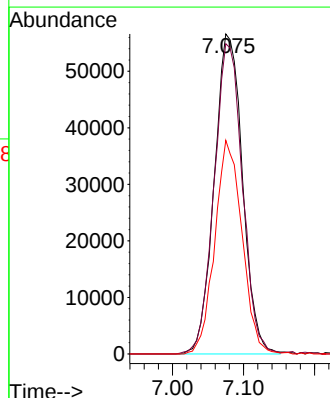
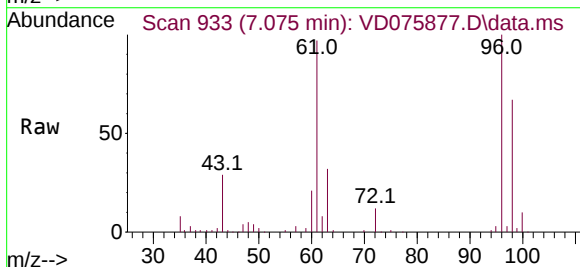
Delta R.T. -0.006 min

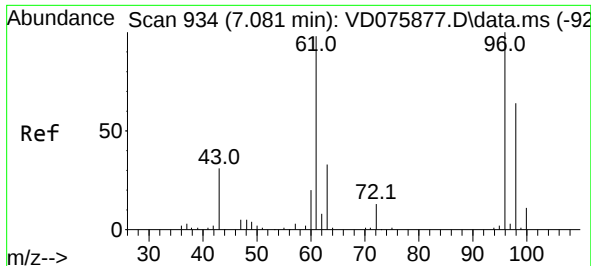
Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Tgt Ion: 96 Resp: 155810

Ion	Ratio	Lower	Upper
96	100		
61	97.0	67.5	125.3
98	66.8	47.5	88.1

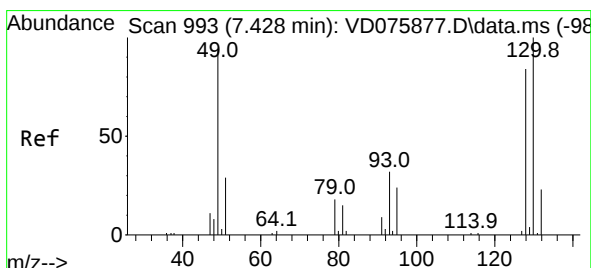
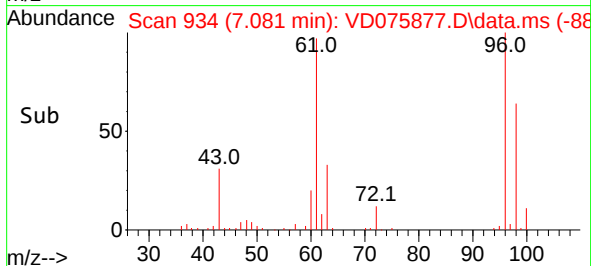
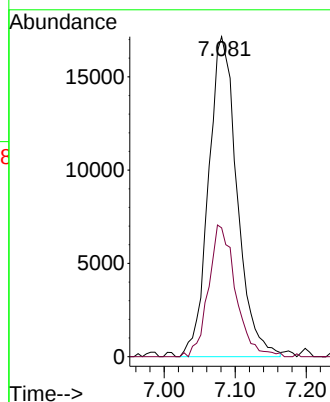
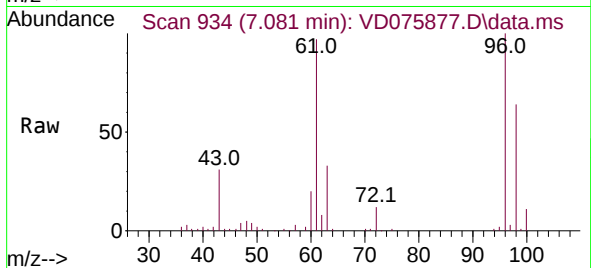




#22
2-Butanone
Concen: 57.779 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

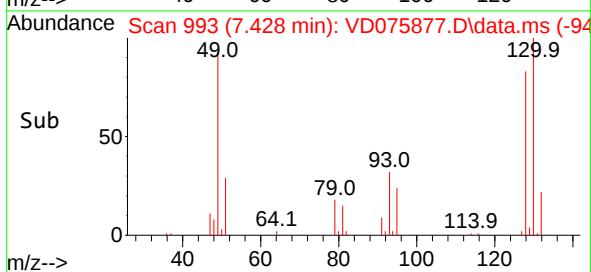
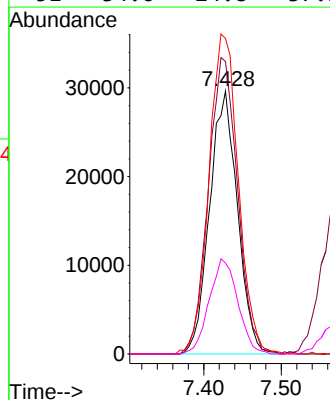
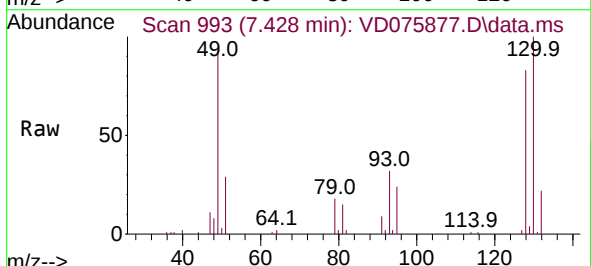
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

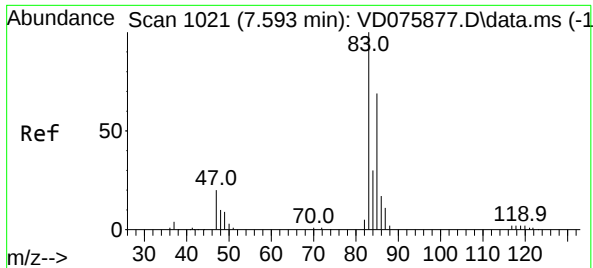
Tgt Ion: 43 Resp: 47937
Ion Ratio Lower Upper
43 100
72 38.2 20.5 61.5



#23
Bromochloromethane
Concen: 26.250 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 128 Resp: 74109
Ion Ratio Lower Upper
128 100
49 111.3 76.4 142.0
130 120.1 93.5 173.7
51 34.6 24.8 37.2

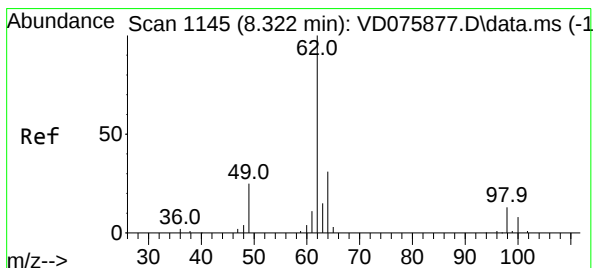
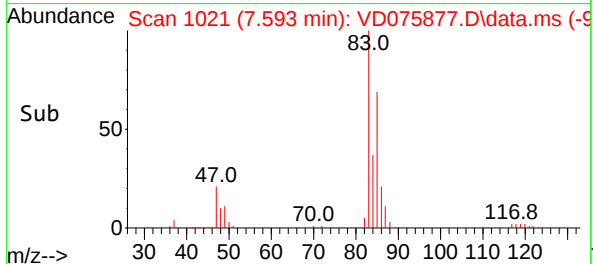
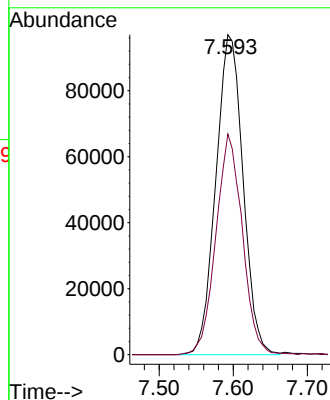
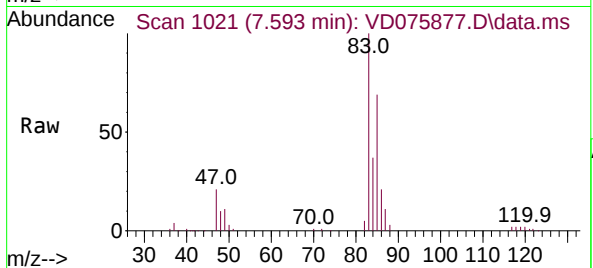




#25
Chloroform
Concen: 26.153 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

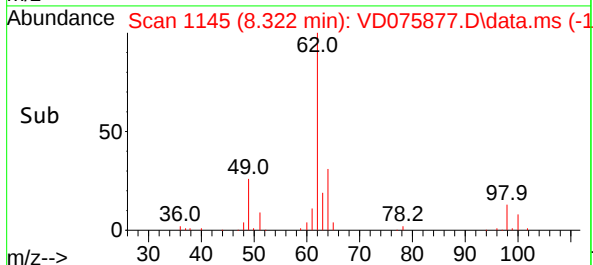
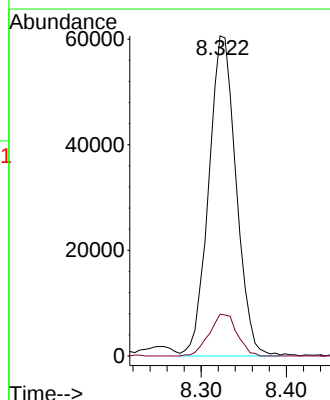
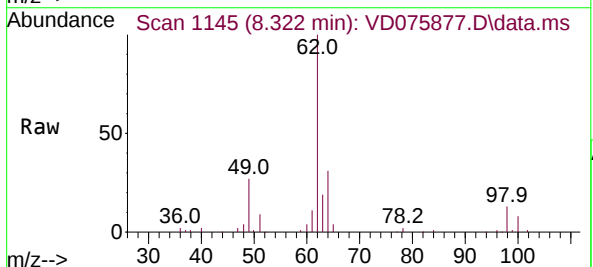
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

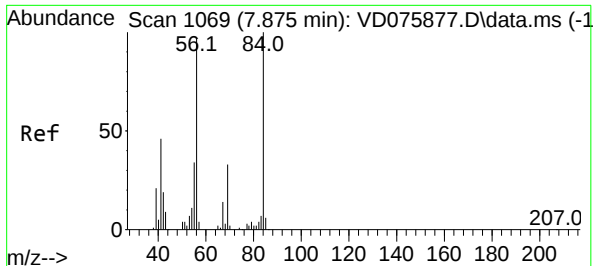
Tgt Ion: 83 Resp: 247203
Ion Ratio Lower Upper
83 100
85 68.9 44.4 82.5



#27
1,2-Dichloroethane
Concen: 27.823 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 62 Resp: 135748
Ion Ratio Lower Upper
62 100
98 13.1 10.2 15.2





#29

Cyclohexane

Concen: 26.597 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

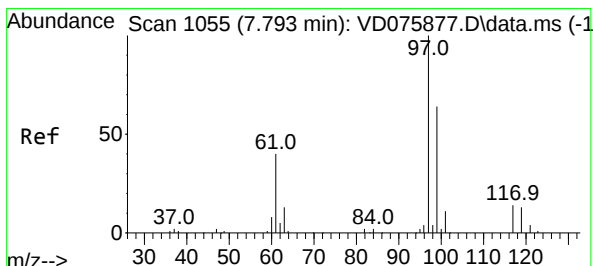
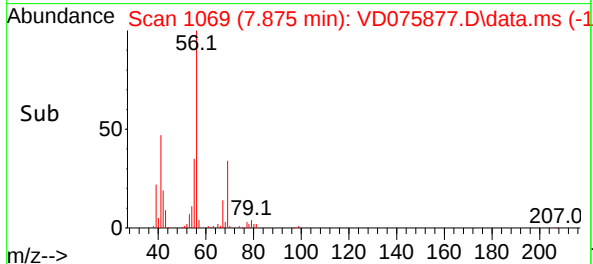
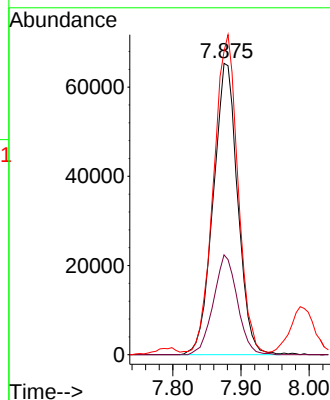
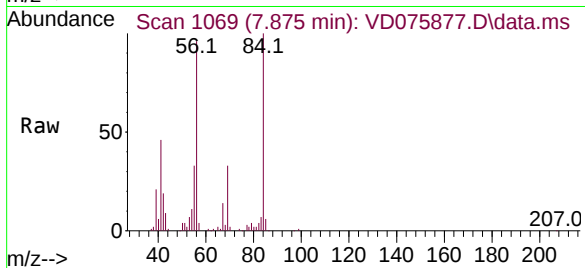
Tgt Ion: 56 Resp: 163005

Ion Ratio Lower Upper

56 100

69 33.5 28.2 42.2

84 109.5 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.165 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

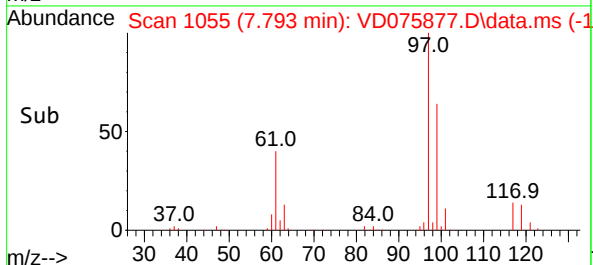
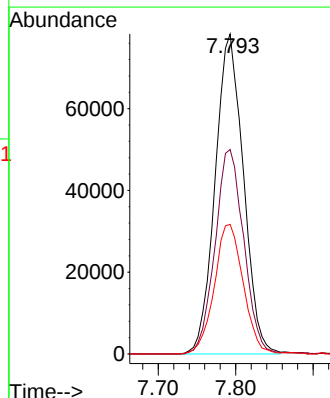
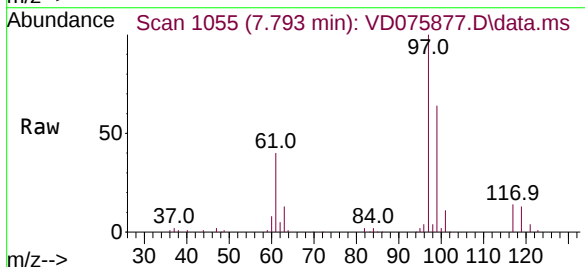
Tgt Ion: 97 Resp: 198184

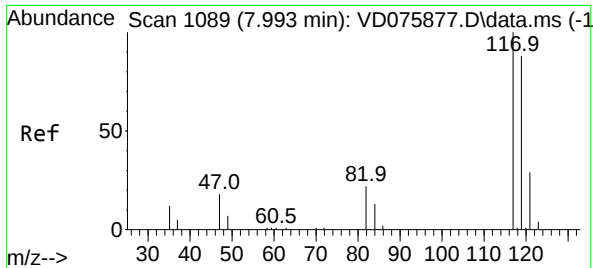
Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 41.4 32.1 48.1

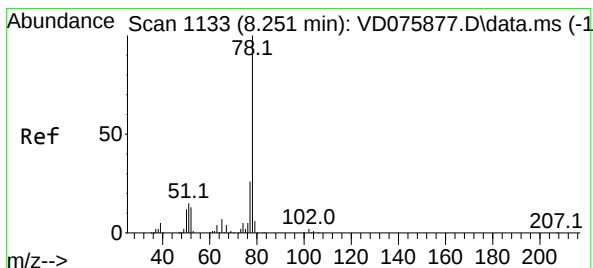
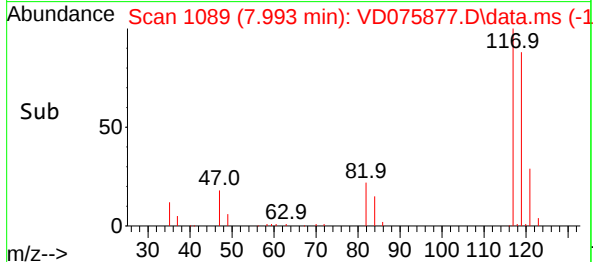
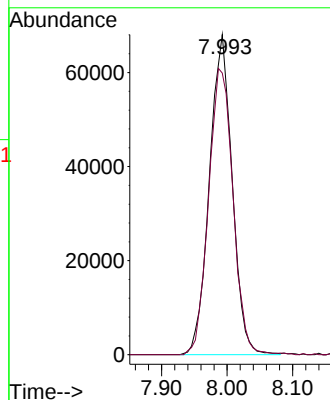
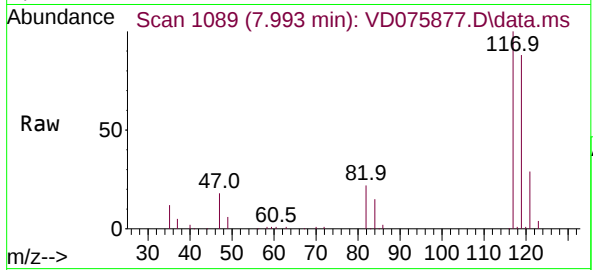




#31
Carbon tetrachloride
Concen: 27.009 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

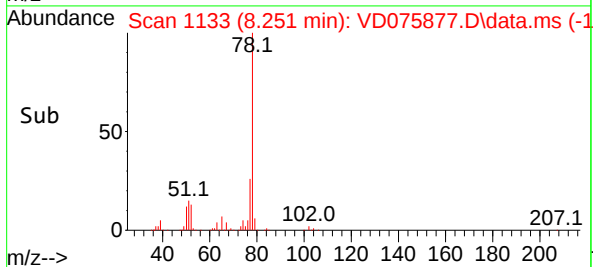
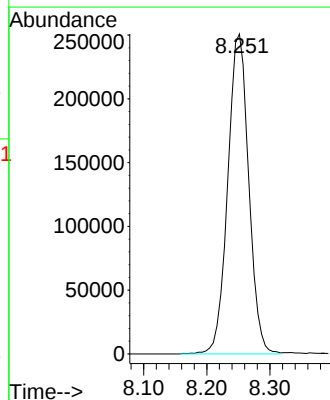
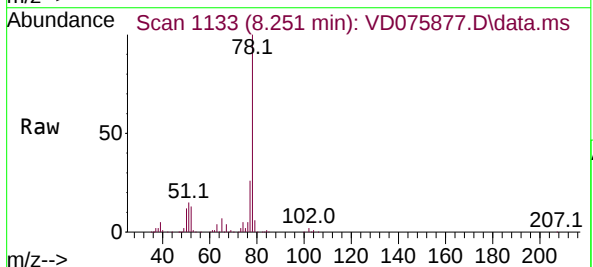
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

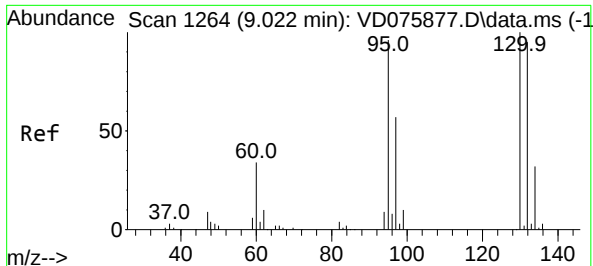
Tgt Ion:117 Resp: 164130
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 26.739 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 78 Resp: 579033

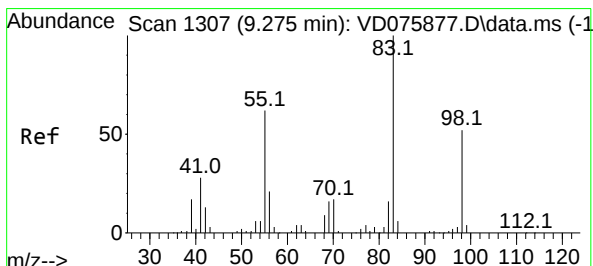
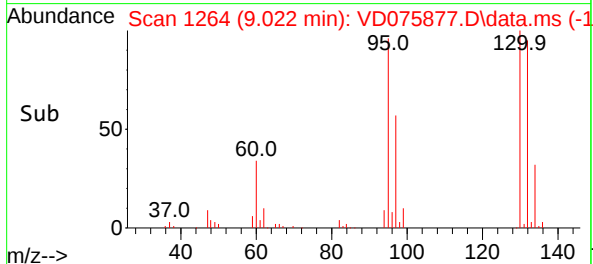
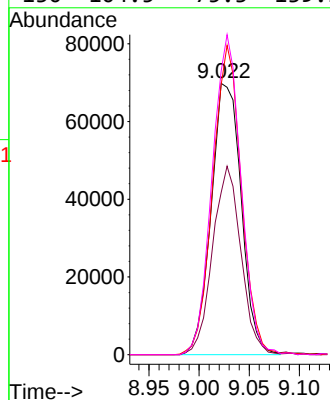
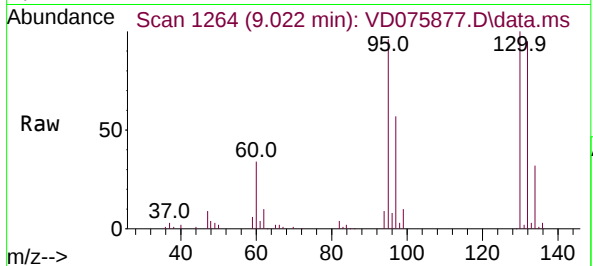




#34
Trichloroethene
Concen: 26.047 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

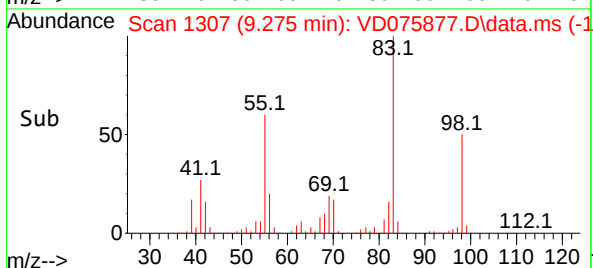
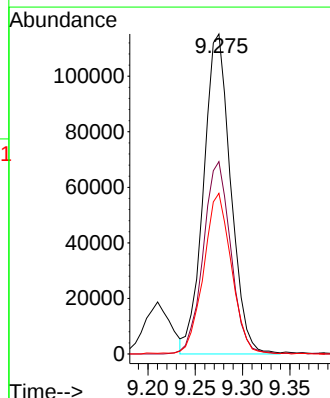
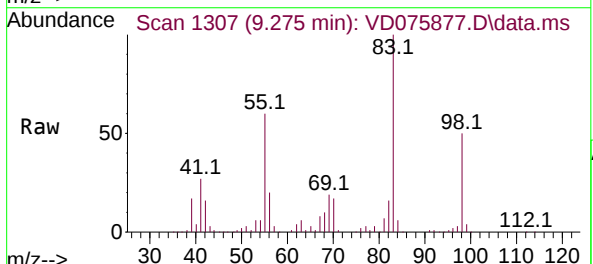
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

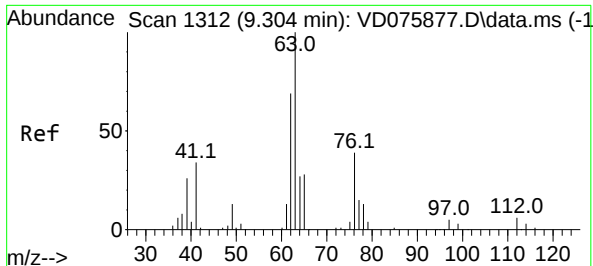
Tgt Ion: 95 Resp: 145868
Ion Ratio Lower Upper
95 100
97 59.7 46.0 85.4
132 99.5 73.3 136.1
130 104.5 75.3 139.9



#35
Methylcyclohexane
Concen: 26.586 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 83 Resp: 229550
Ion Ratio Lower Upper
83 100
55 61.0 48.2 72.2
98 51.4 40.8 61.2

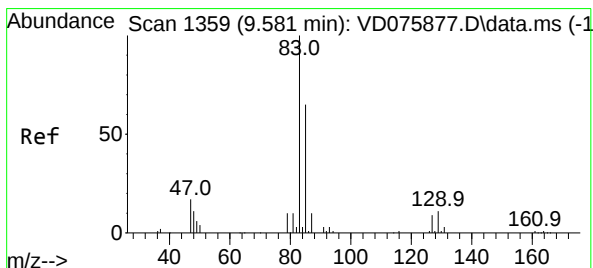
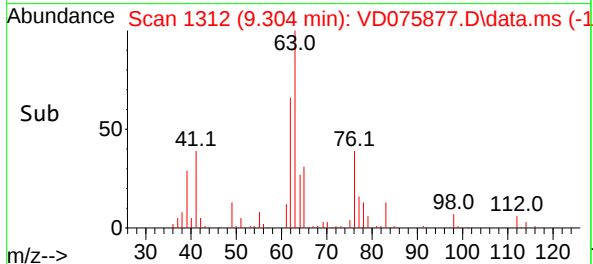
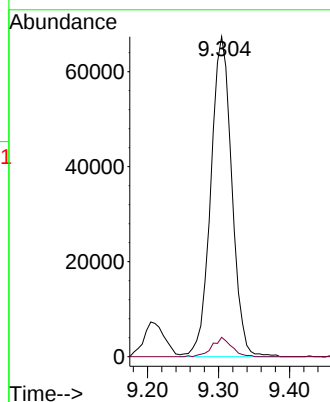
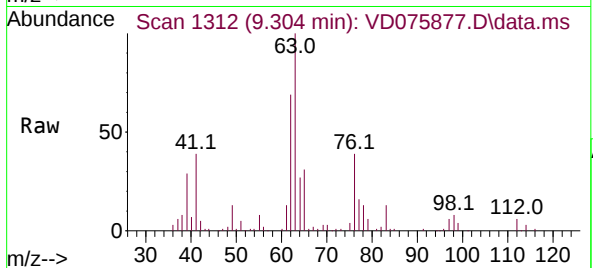




#37
1,2-Dichloropropane
Concen: 27.858 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

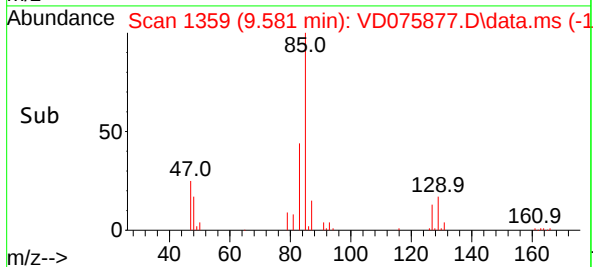
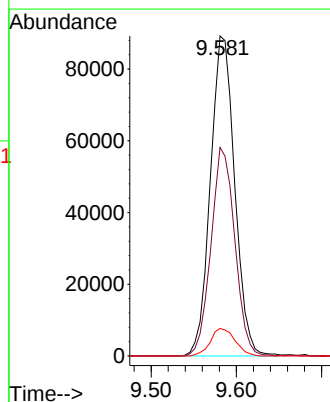
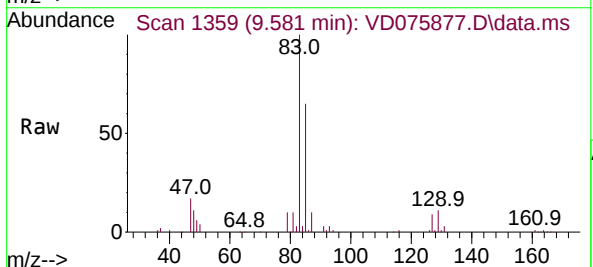
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

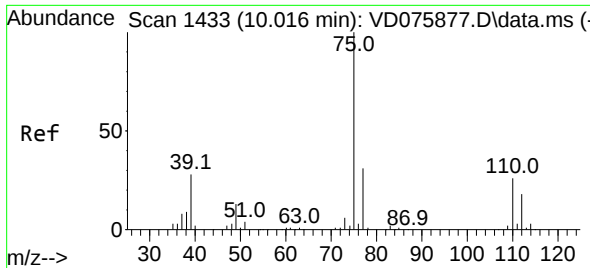
Tgt Ion: 63 Resp: 138577
Ion Ratio Lower Upper
63 100
112 5.5 4.0 6.0



#38
Bromodichloromethane
Concen: 26.400 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 83 Resp: 177069
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.2
127 8.6 6.3 9.5

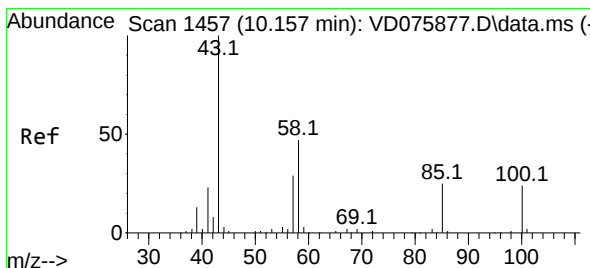
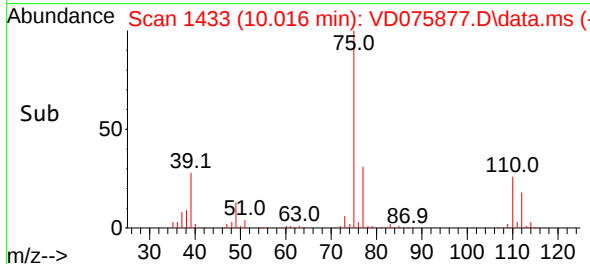
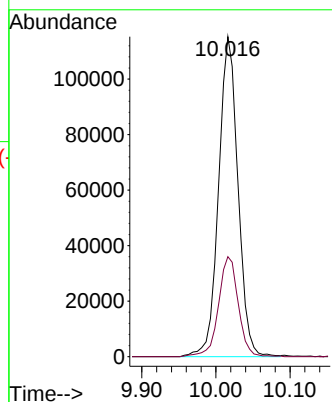
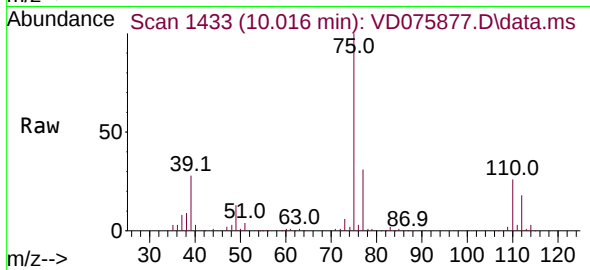




#39
 cis-1,3-Dichloropropene
 Concen: 26.480 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

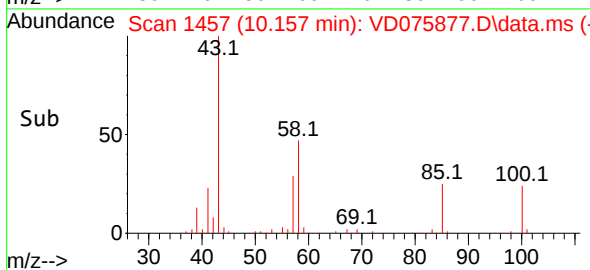
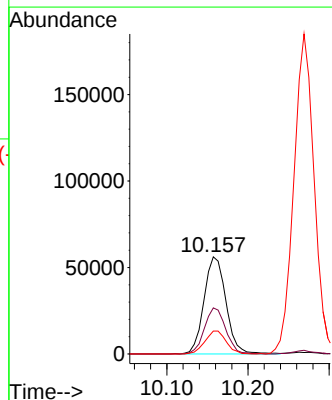
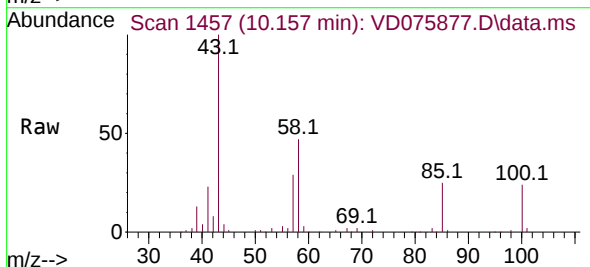
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025137

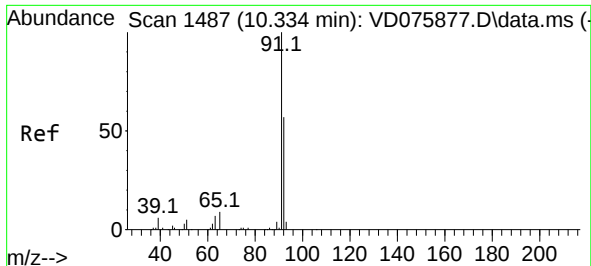
Tgt Ion: 75 Resp: 209488
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 58.267 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

Tgt Ion: 43 Resp: 105675
 Ion Ratio Lower Upper
 43 100
 58 45.8 39.1 58.7
 100 22.9 19.4 29.0

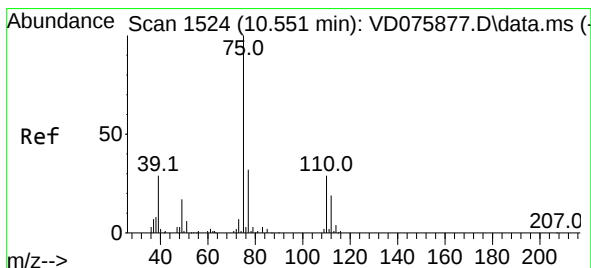
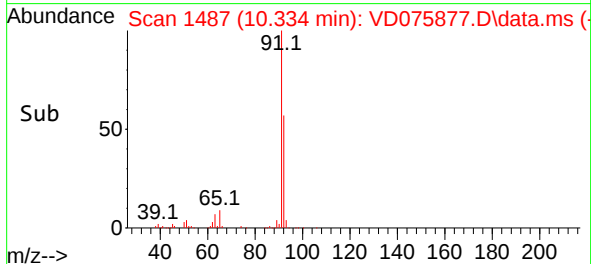
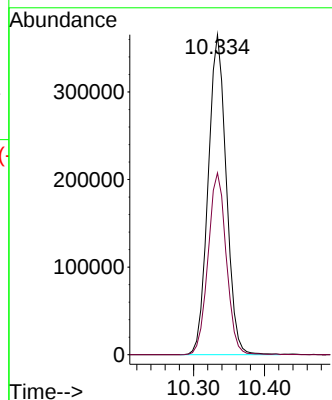
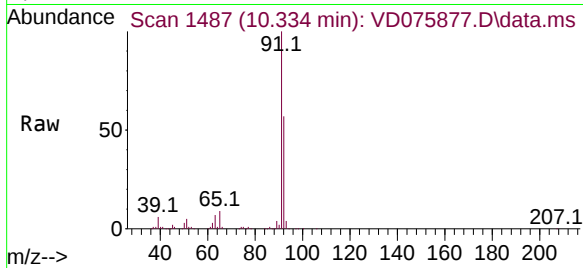




#42
Toluene
Concen: 27.620 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

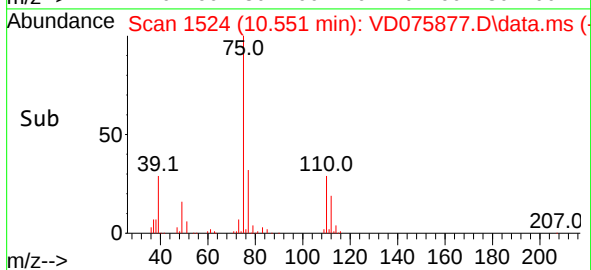
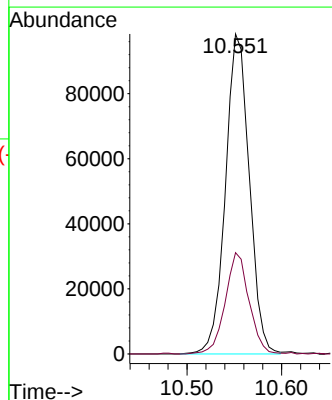
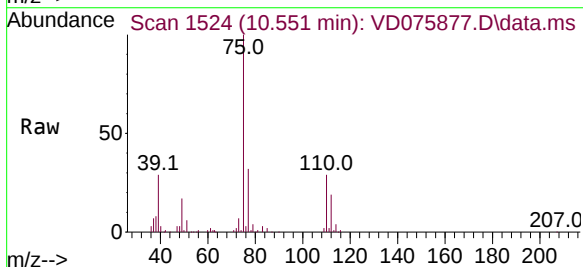
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

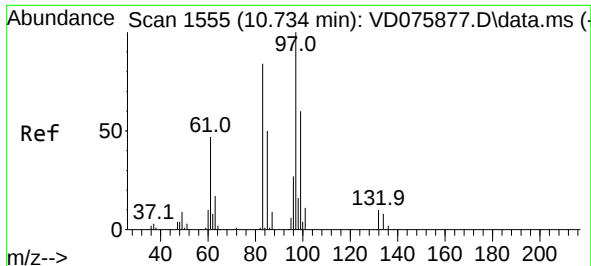
Tgt Ion: 91 Resp: 647259
Ion Ratio Lower Upper
91 100
92 56.8 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 27.110 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 75 Resp: 172292
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0

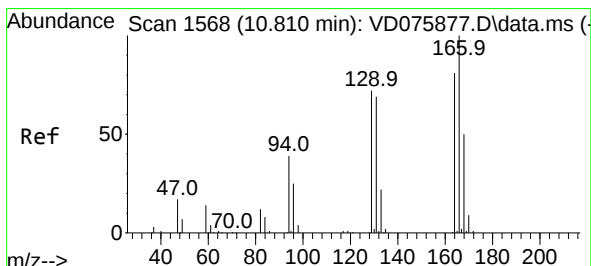
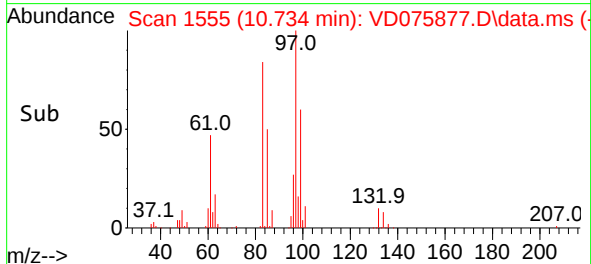
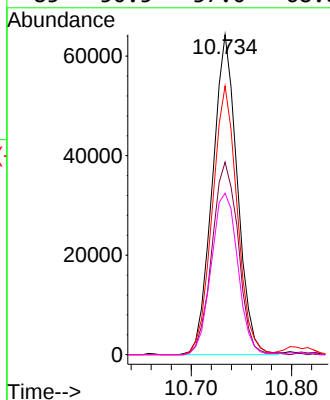
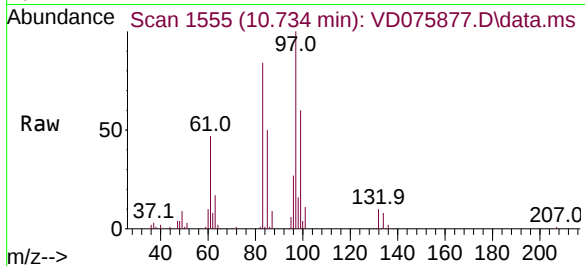




#45
1,1,2-Trichloroethane
Concen: 26.236 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

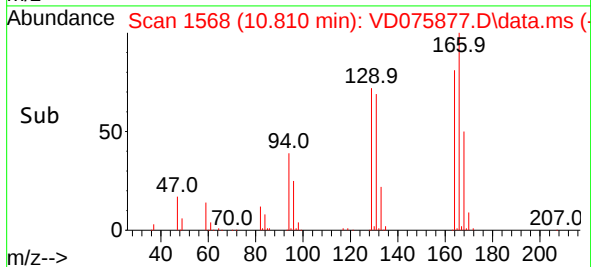
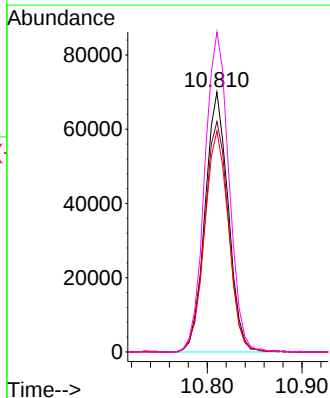
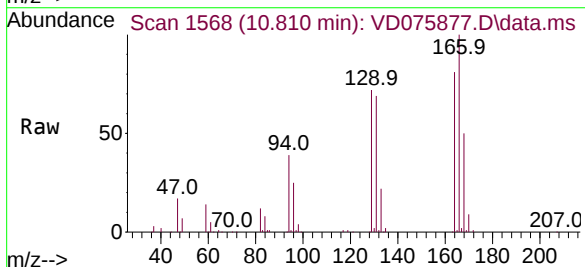
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

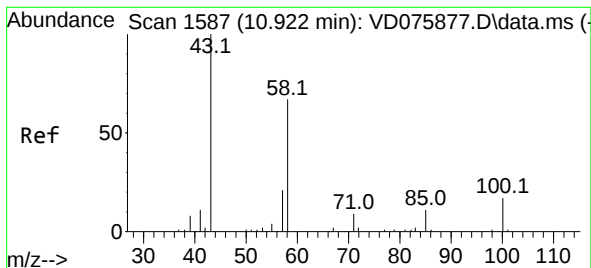
Tgt Ion: 97	Resp: 111028
Ion Ratio	Lower Upper
97 100	
99 60.2	42.2 78.4
83 83.9	54.8 101.8
85 50.5	37.0 68.8



#46
Tetrachloroethene
Concen: 25.970 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt	Ion:164	Resp:	119290
Ion	Ratio	Lower	Upper
164	100		
129	88.6	60.3	112.1
131	85.0	58.9	109.3
166	123.1	83.0	154.1





#48

2-Hexanone

Concen: 60.897 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

Tgt Ion: 43 Resp: 77861

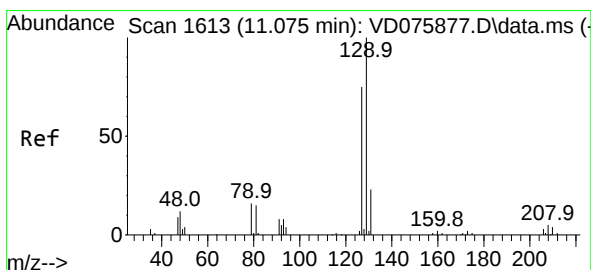
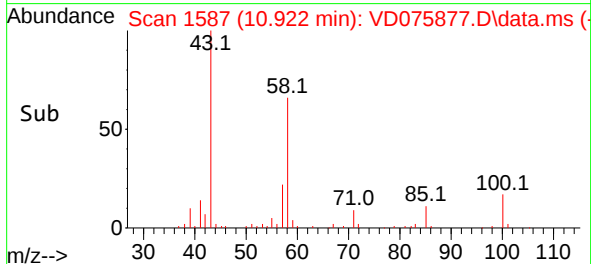
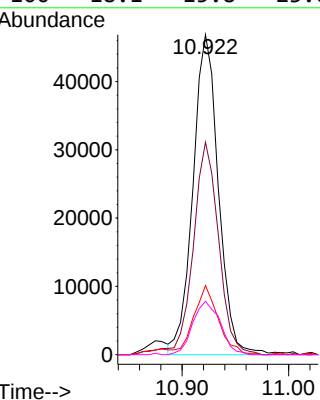
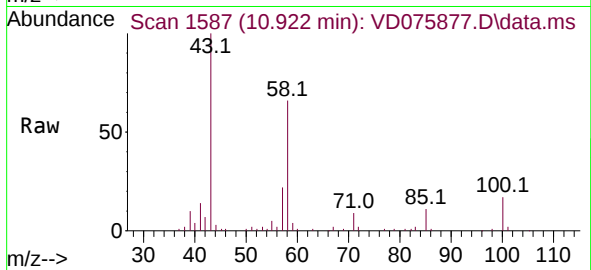
Ion Ratio Lower Upper

43 100

58 65.1 59.7 89.5

57 20.7 17.9 26.9

100 18.1 15.8 23.6



#49

Dibromochloromethane

Concen: 26.990 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075877.D

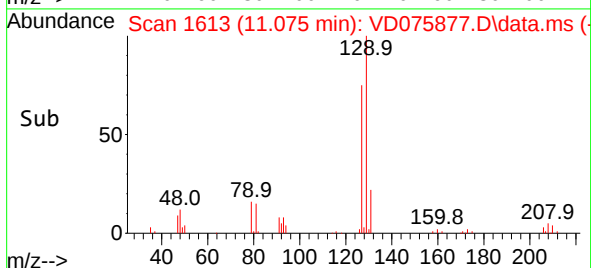
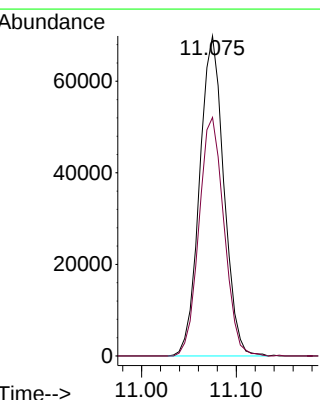
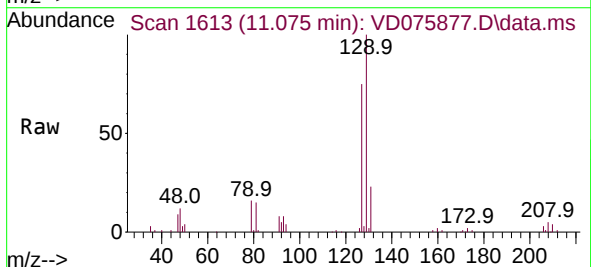
Acq: 28 Apr 2023 09:52

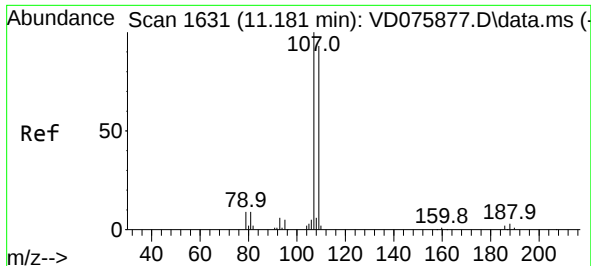
Tgt Ion:129 Resp: 124343

Ion Ratio Lower Upper

129 100

127 74.6 55.6 103.4





#50

1,2-Dibromoethane

Concen: 27.399 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

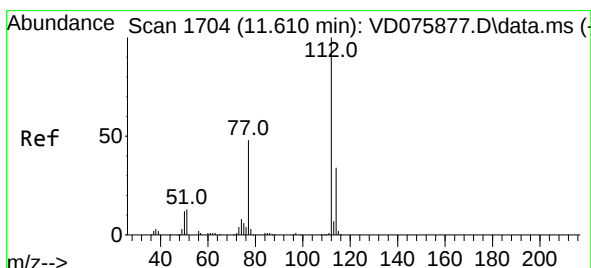
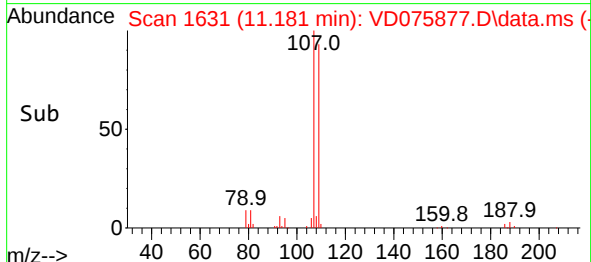
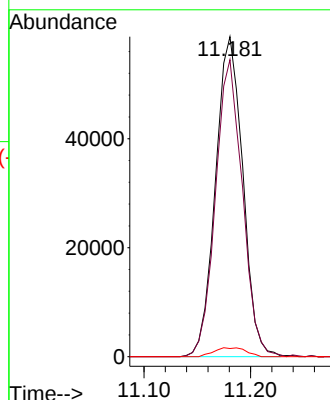
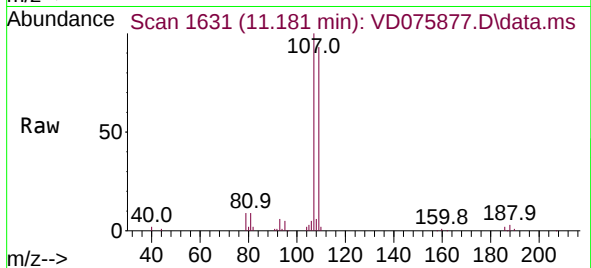
Tgt Ion:107 Resp: 104538

Ion Ratio Lower Upper

107 100

109 92.8 67.6 125.6

188 2.5 3.0 4.6#



#51

Chlorobenzene

Concen: 26.525 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

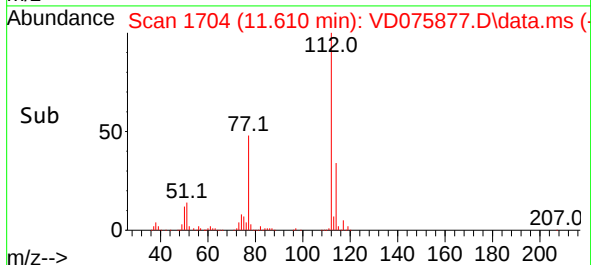
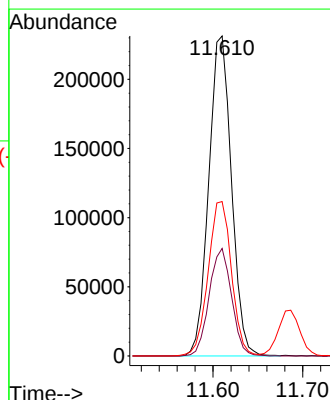
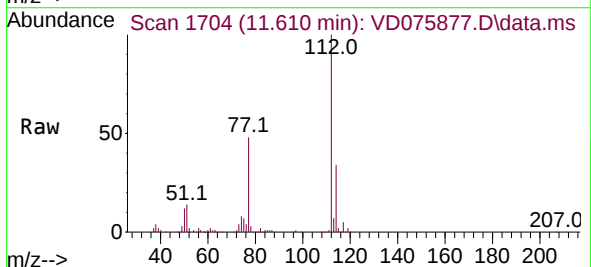
Tgt Ion:112 Resp: 406645

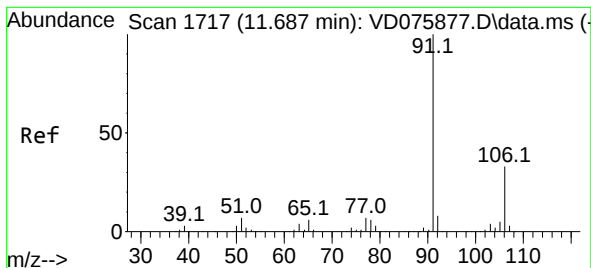
Ion Ratio Lower Upper

112 100

114 33.6 23.0 42.8

77 48.3 39.7 59.5

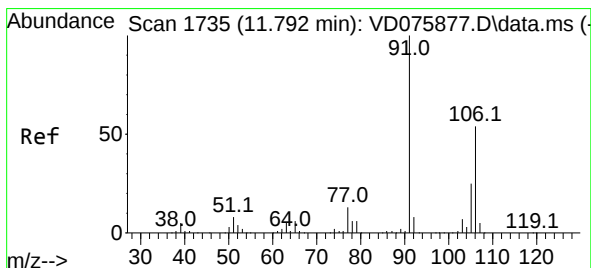
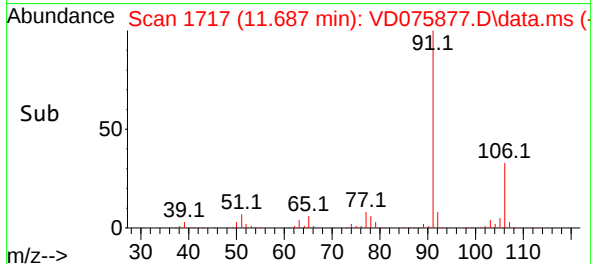
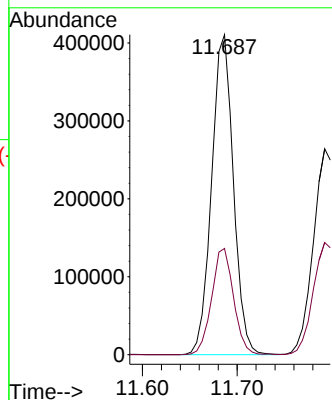
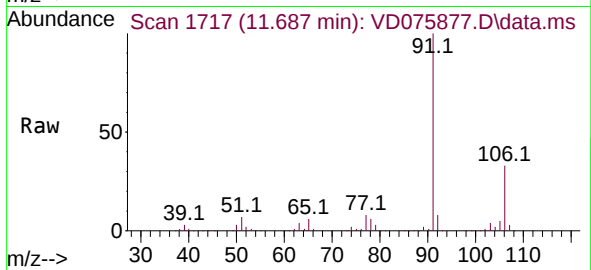




#52
Ethylbenzene
Concen: 27.288 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

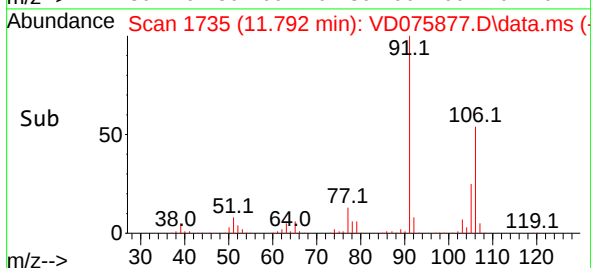
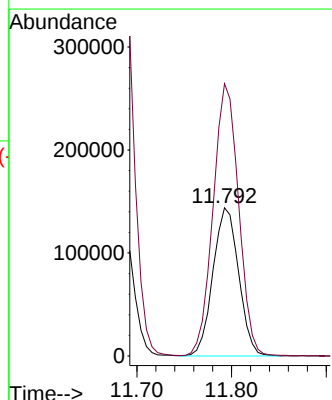
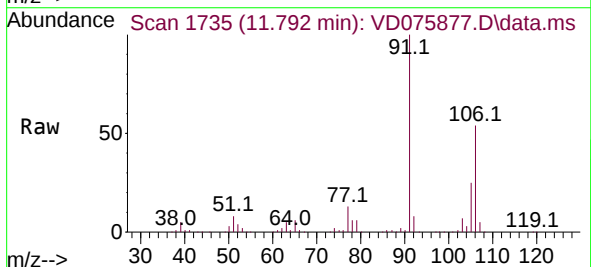
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

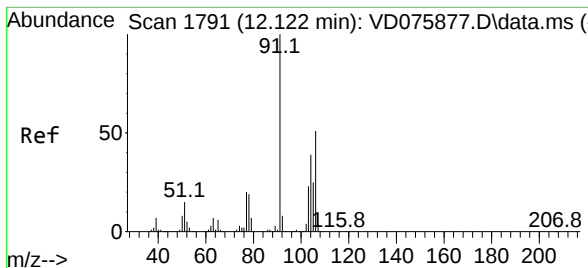
Tgt Ion: 91 Resp: 655754
Ion Ratio Lower Upper
91 100
106 33.2 23.7 43.9



#53
m,p-Xylene
Concen: 28.365 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion: 106 Resp: 271418
Ion Ratio Lower Upper
106 100
91 183.8 130.9 243.1

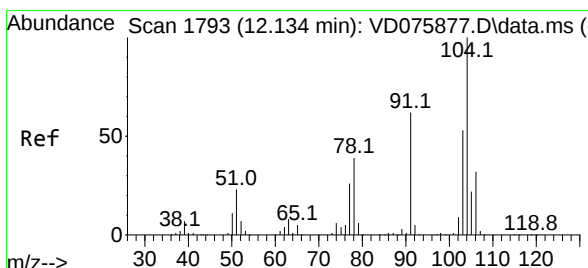
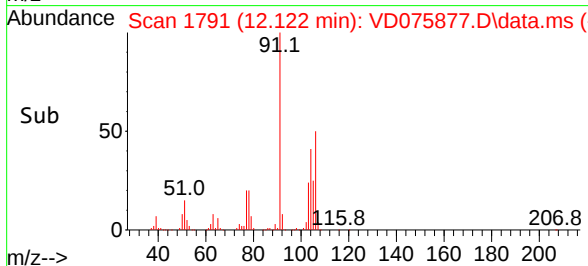
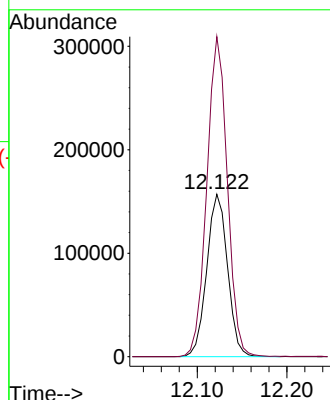
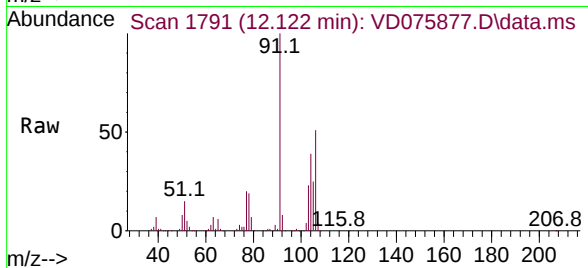




#54
o-Xylene
Concen: 27.771 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

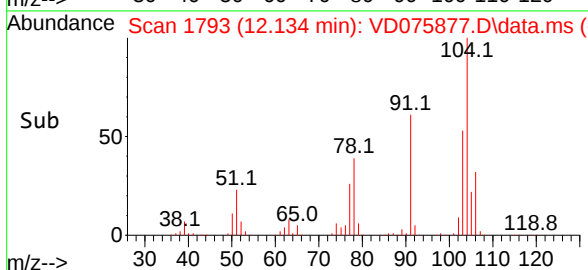
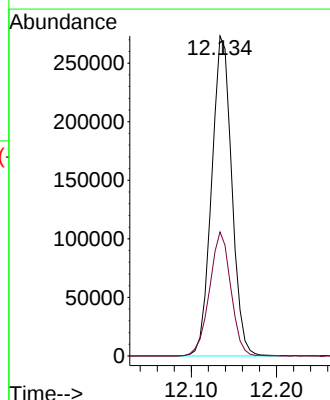
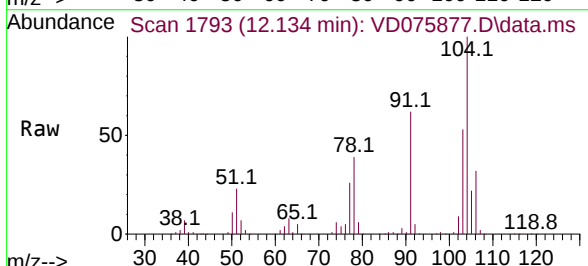
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

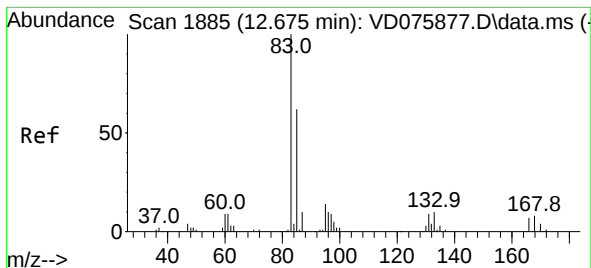
Tgt Ion:106 Resp: 252396
Ion Ratio Lower Upper
106 100
91 197.0 139.8 259.6



#55
Styrene
Concen: 28.346 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion:104 Resp: 448392
Ion Ratio Lower Upper
104 100
78 38.8 26.2 48.6

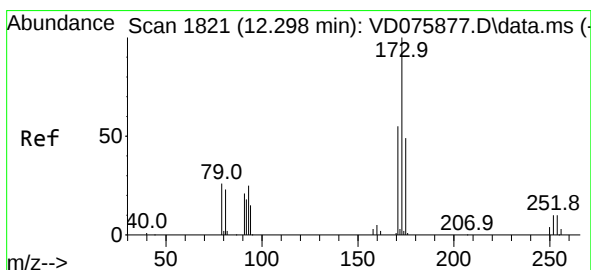
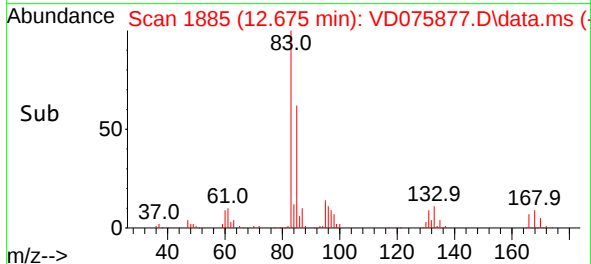
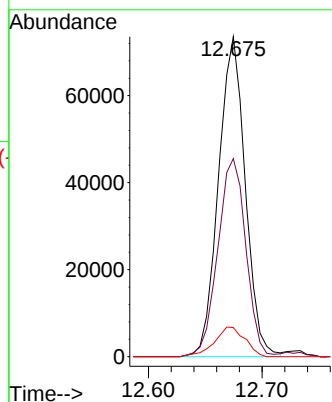
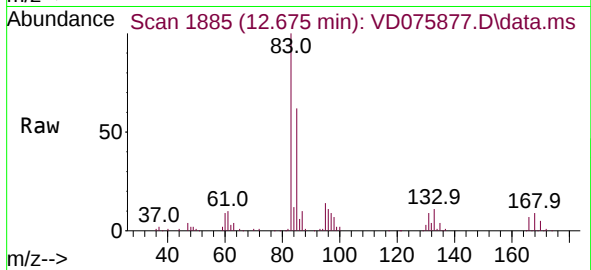




#57
1,1,2,2-Tetrachloroethane
Concen: 27.940 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

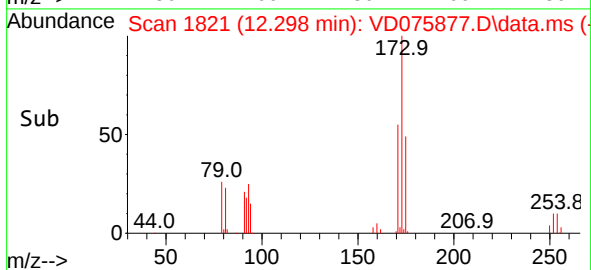
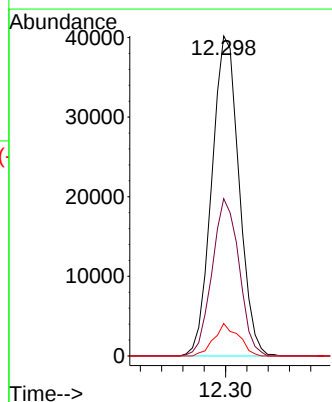
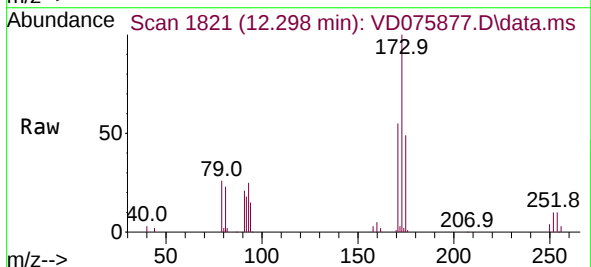
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

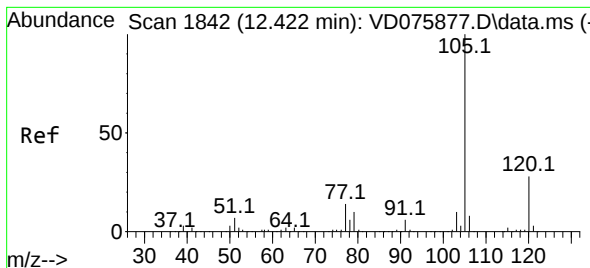
Tgt Ion: 83 Resp: 120305
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7
131 9.1 7.0 10.6



#59
Bromoform
Concen: 25.540 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion:173 Resp: 71293
Ion Ratio Lower Upper
173 100
175 48.7 39.4 59.0
254 9.2 7.4 11.2





#60

Isopropylbenzene

Concen: 26.519 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

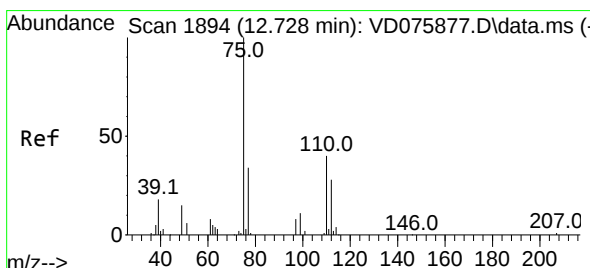
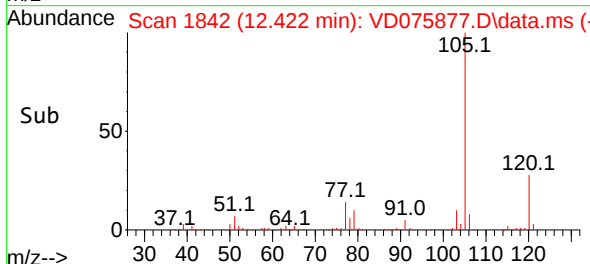
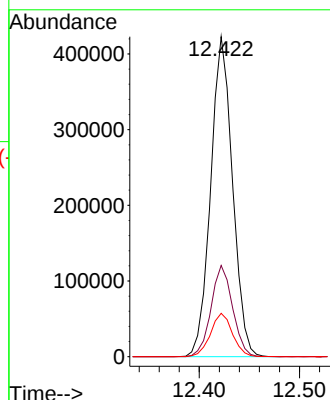
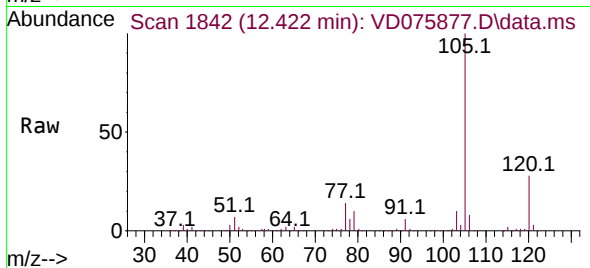
Tgt Ion:105 Resp: 640442

Ion Ratio Lower Upper

105 100

120 28.1 22.7 34.1

77 13.7 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.720 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

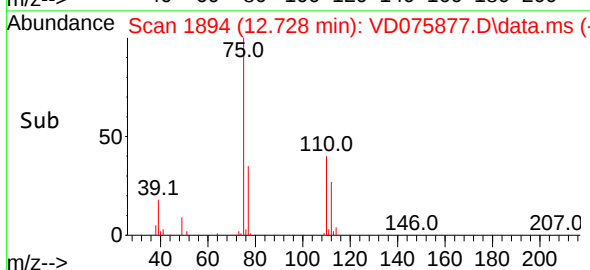
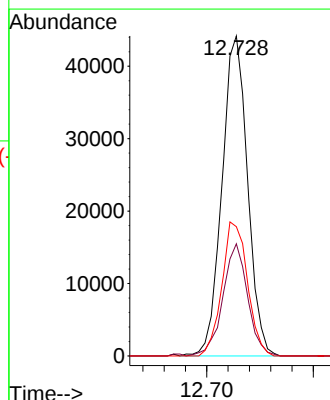
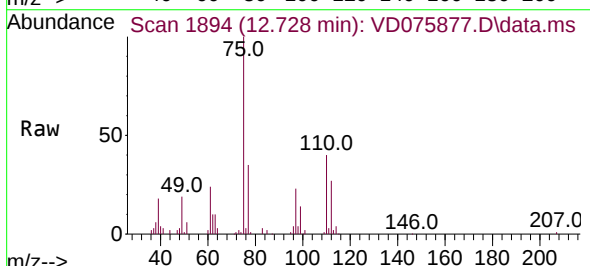
Tgt Ion: 75 Resp: 73588

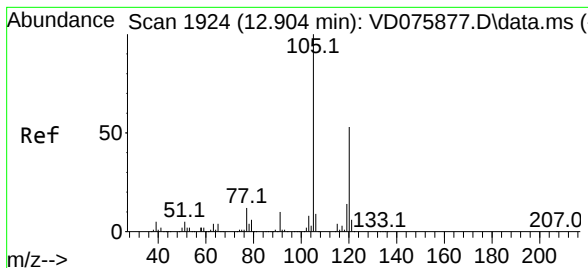
Ion Ratio Lower Upper

75 100

77 33.8 26.6 39.8

110 41.9 33.5 50.3

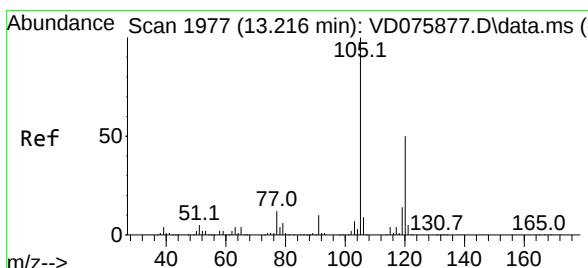
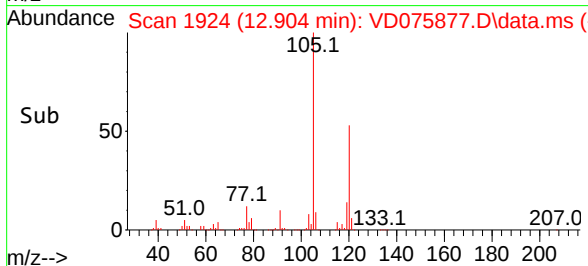
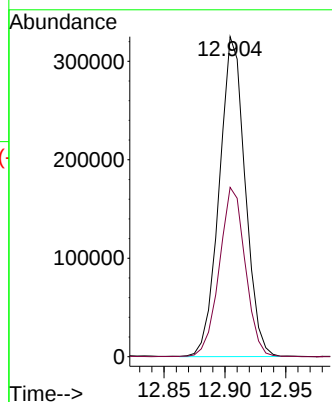
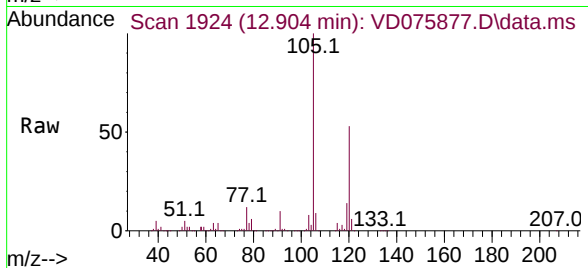




#62
 1,3,5-Trimethylbenzene
 Concen: 26.659 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

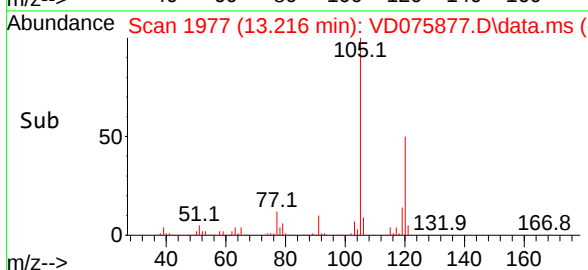
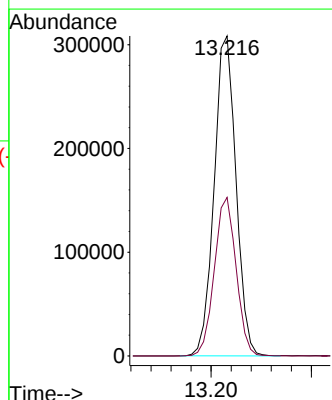
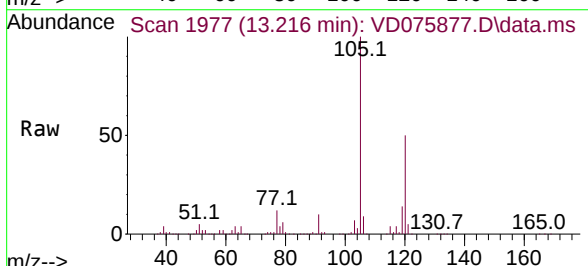
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025137

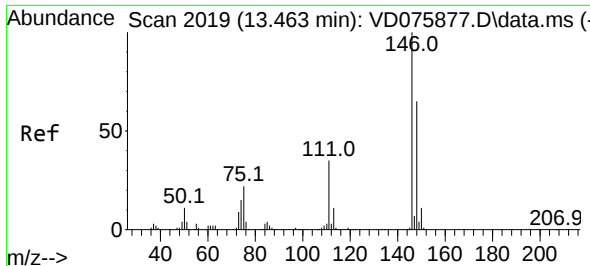
Tgt Ion:105 Resp: 480099
 Ion Ratio Lower Upper
 105 100
 120 53.0 42.0 63.0



#63
 1,2,4-Trimethylbenzene
 Concen: 26.815 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075877.D
 Acq: 28 Apr 2023 09:52

Tgt Ion:105 Resp: 465501
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.0 58.6

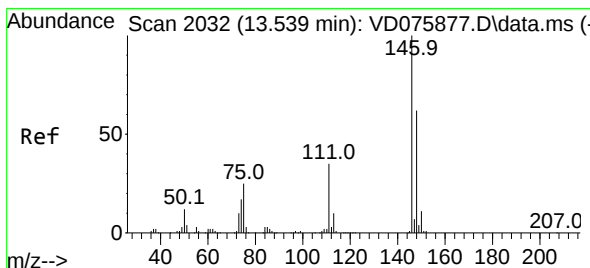
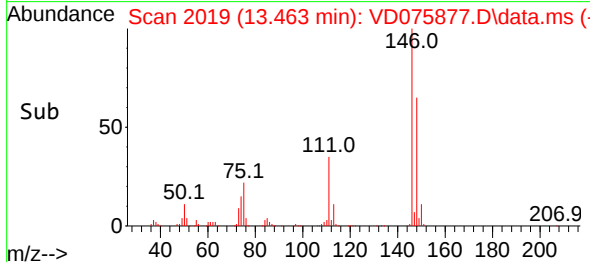
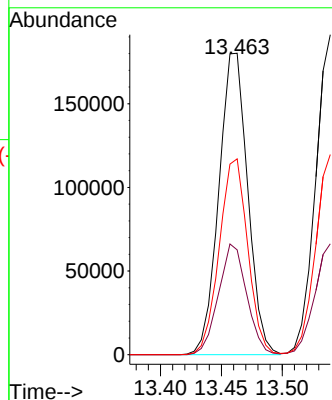
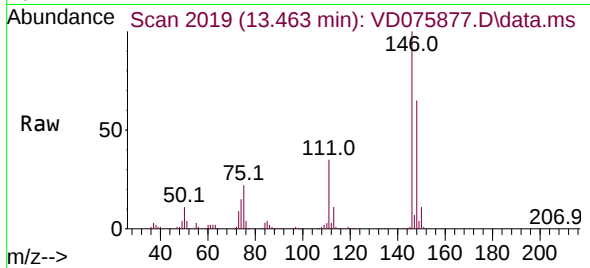




#64
1,3-Dichlorobenzene
Concen: 25.747 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

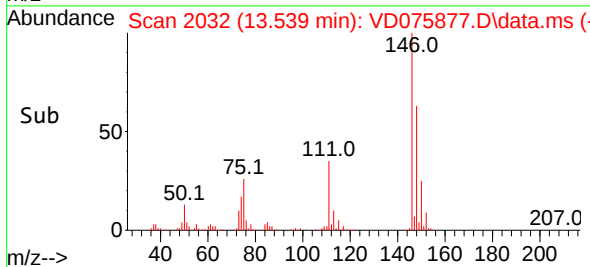
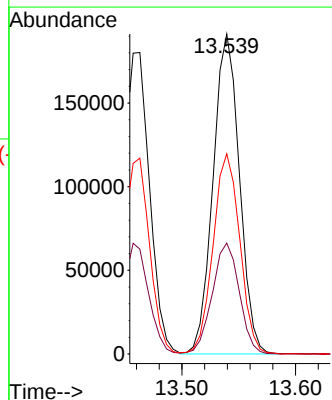
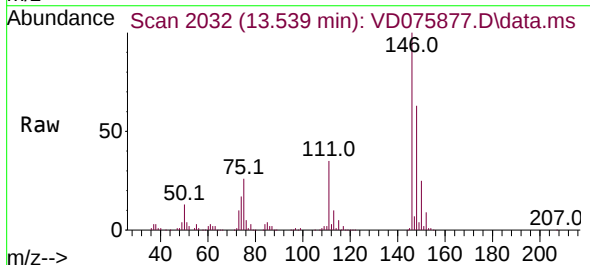
Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

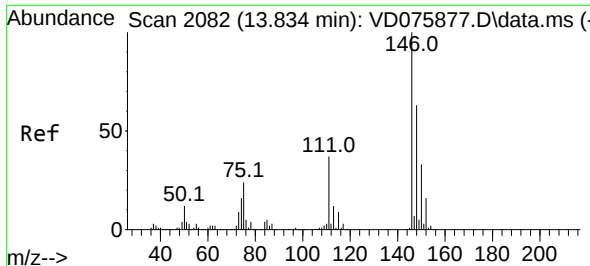
Tgt Ion:146 Resp: 297511
Ion Ratio Lower Upper
146 100
111 34.8 26.5 49.1
148 65.0 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.464 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion:146 Resp: 308813
Ion Ratio Lower Upper
146 100
111 34.6 24.6 45.8
148 62.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.756 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

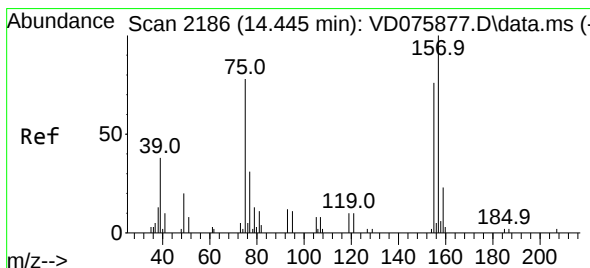
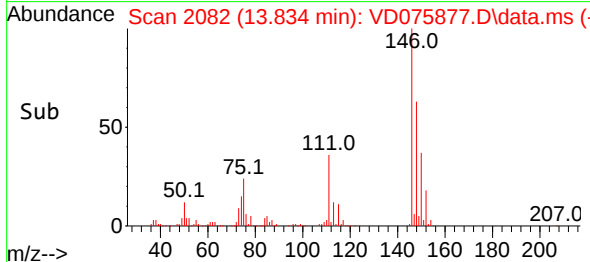
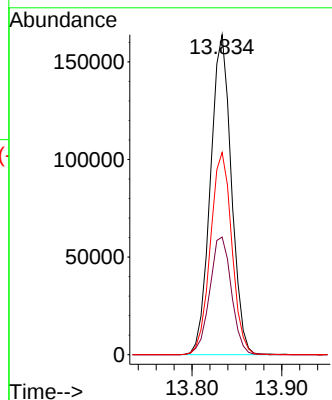
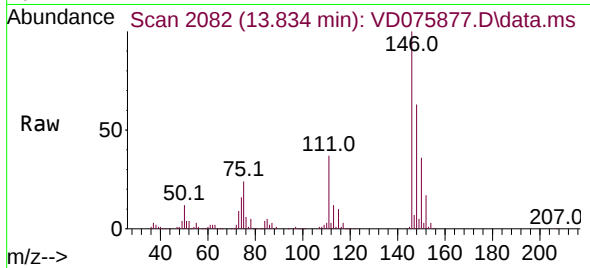
Tgt Ion:146 Resp: 265780

Ion Ratio Lower Upper

146 100

111 36.8 30.6 46.0

148 63.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.377 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

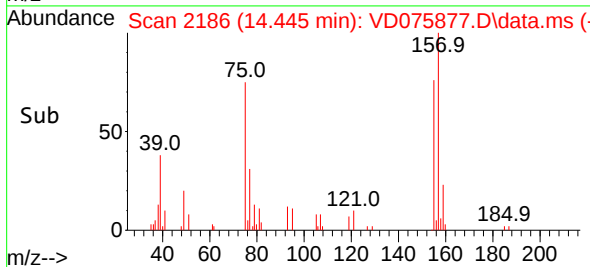
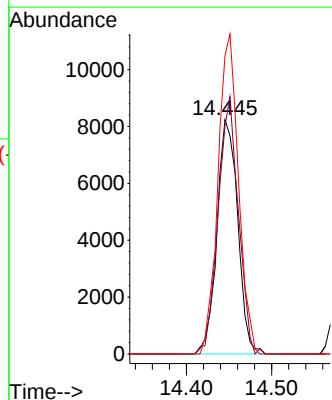
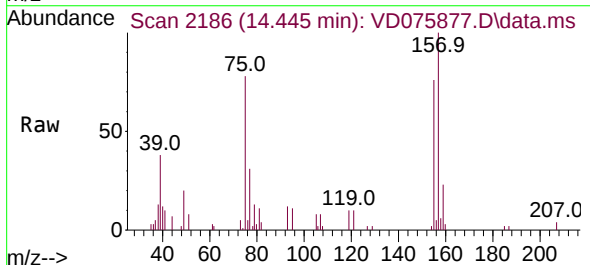
Tgt Ion: 75 Resp: 13943

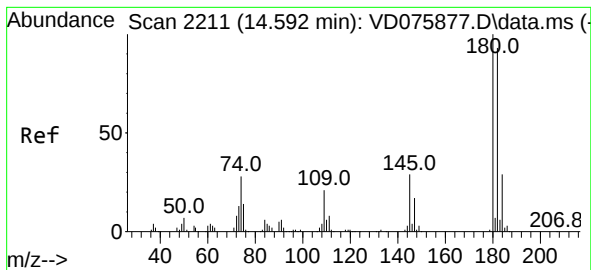
Ion Ratio Lower Upper

75 100

155 97.4 74.6 111.8

157 127.4 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 22.552 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025137

Tgt Ion:180 Resp: 174669

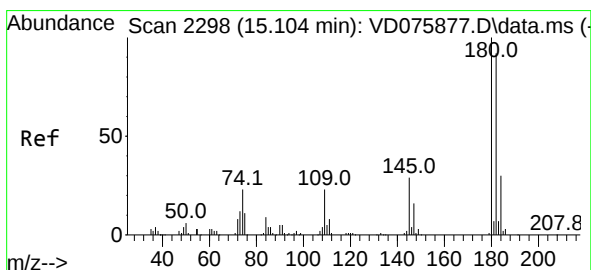
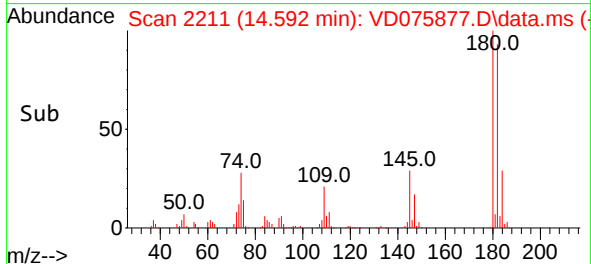
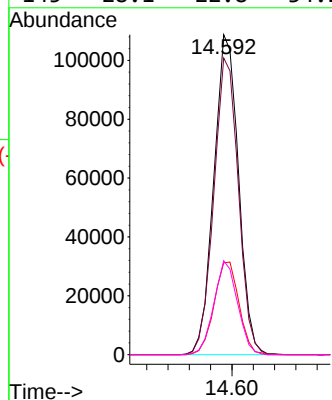
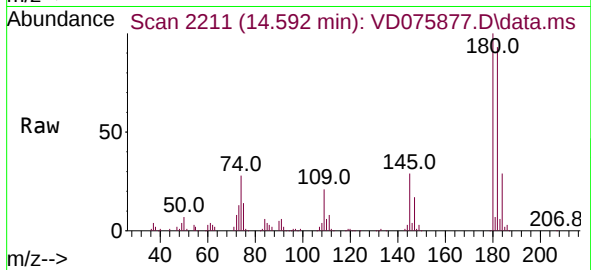
Ion Ratio Lower Upper

180 100

182 92.2 74.9 112.3

184 29.2 25.0 37.4

145 28.1 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 21.818 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075877.D

Acq: 28 Apr 2023 09:52

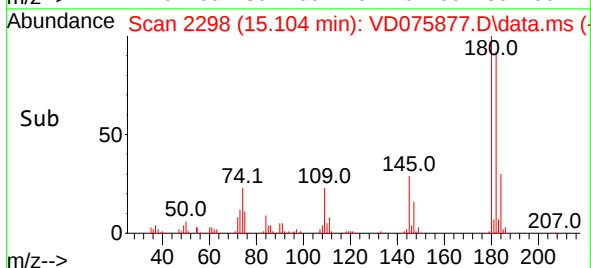
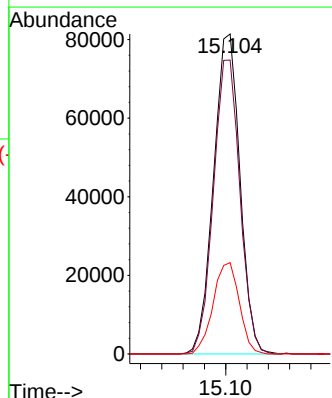
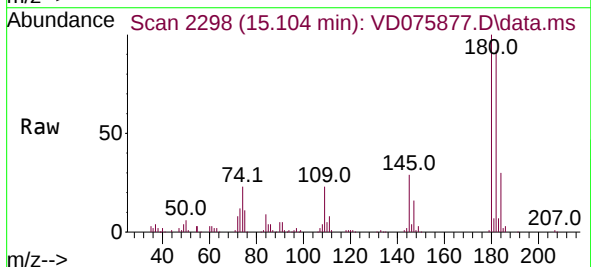
Tgt Ion:180 Resp: 140035

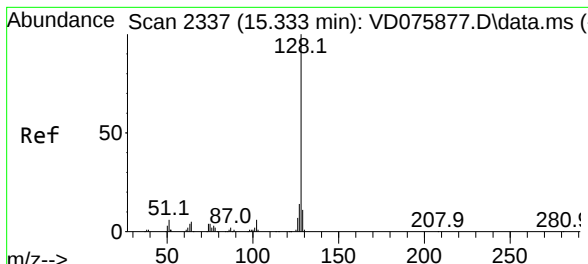
Ion Ratio Lower Upper

180 100

182 92.1 75.4 113.2

145 28.3 23.6 35.4

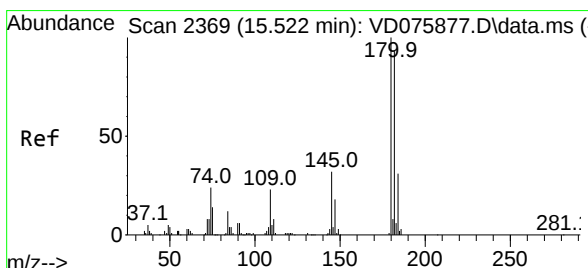
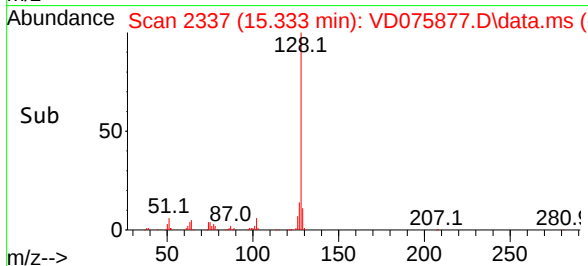
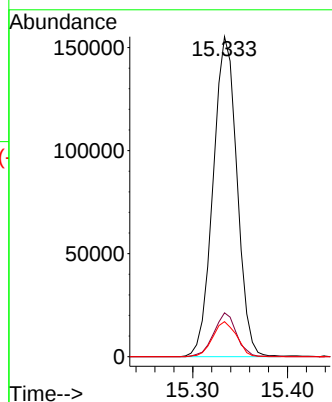
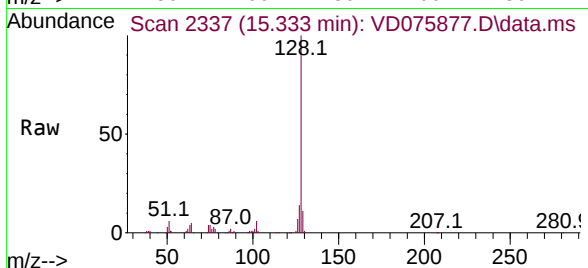




#71
Naphthalene
Concen: 23.201 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTD025137

Tgt Ion:128 Resp: 272509
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 22.638 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075877.D
Acq: 28 Apr 2023 09:52

Tgt Ion:180 Resp: 129698
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 31.0 25.0 37.6

