

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077600.D
 Acq On : 17 Nov 2023 08:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	293381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	272293	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136437	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	140117	18.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
7) Chloroethane-d5	2.811	69	121872	20.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	3.922	65	44421	19.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.000%
21) 2-Butanone-d5	6.987	46	68906	53.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.660%
24) Chloroform-d	7.575	84	202465	23.890	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.234	65	107746	23.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	8.205	84	387516	21.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.720%
36) 1,2-Dichloropropane-d6	9.210	67	131609	22.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	10.269	98	341558	21.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.528	79	55855	22.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.000%
47) 2-Hexanone-d5	10.881	63	57138	55.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101713	26.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	116275	23.956	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	109992	23.280	ug/L	100
3) Chloromethane	2.152	50	154712	22.760	ug/L	98
5) Vinyl chloride	2.293	62	179986	23.459	ug/L	99
6) Bromomethane	2.705	94	100626	24.635	ug/L	95
8) Chloroethane	2.846	64	115980	24.315	ug/L	91
9) Trichlorofluoromethane	3.181	101	176380	25.261	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	105360	24.520	ug/L	99
12) 1,1-Dichloroethene	3.946	96	95364	22.858	ug/L	91
13) Acetone	4.022	43	75246	55.400	ug/L	98
14) Carbon disulfide	4.281	76	315780	21.020	ug/L	98
15) Methyl Acetate	4.564	43	54137	24.228	ug/L	98
16) Methylene chloride	4.805	84	120312	24.289	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	103845	23.662	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	254000	24.659	ug/L	100
19) 1,1-Dichloroethane	6.116	63	214311	24.339	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	117074	24.554	ug/L	95
22) 2-Butanone	7.081	43	81366	49.789	ug/L	98
23) Bromochloromethane	7.428	128	47255	24.665	ug/L	97
25) Chloroform	7.599	83	205028	25.347	ug/L	98

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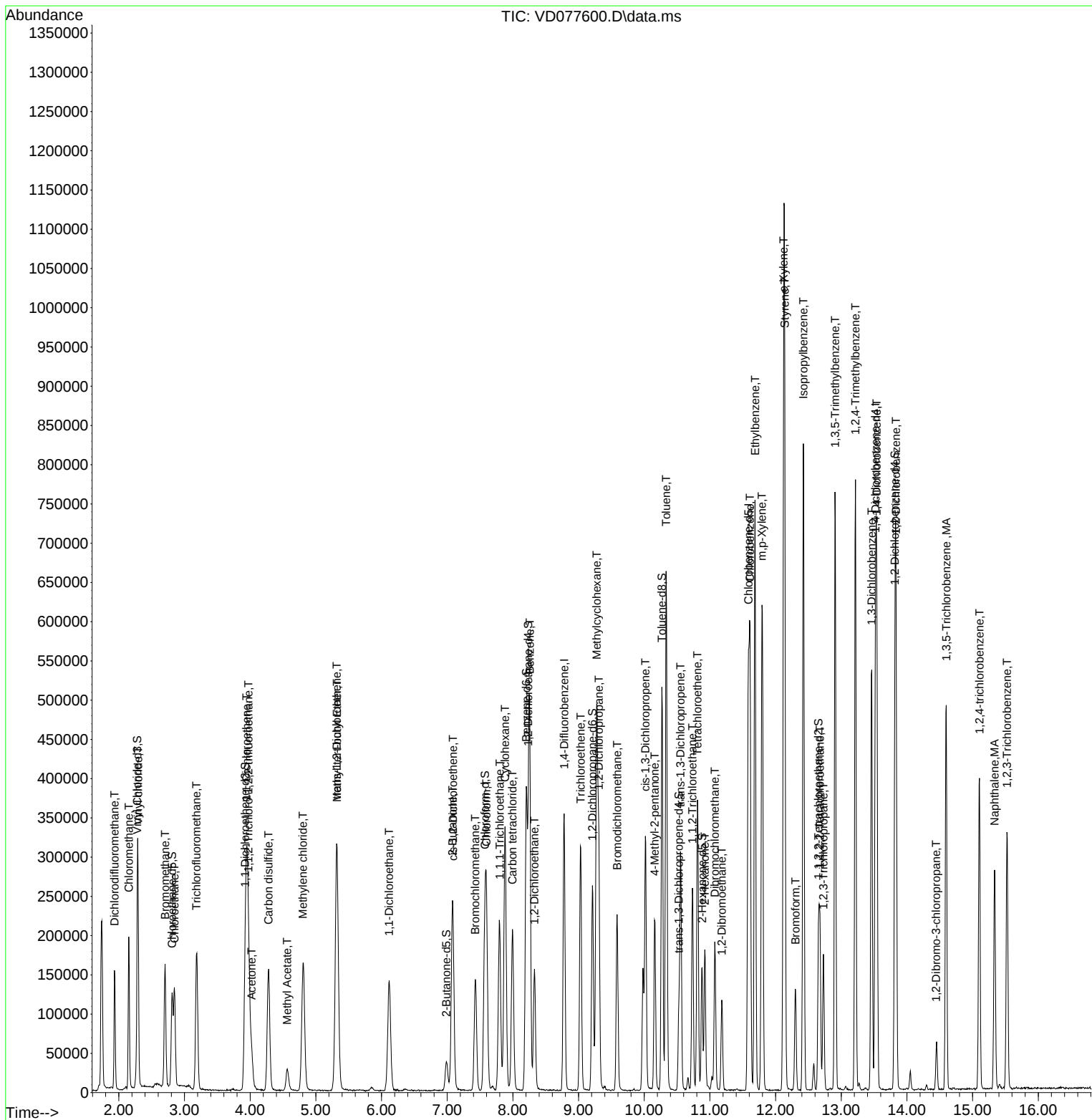
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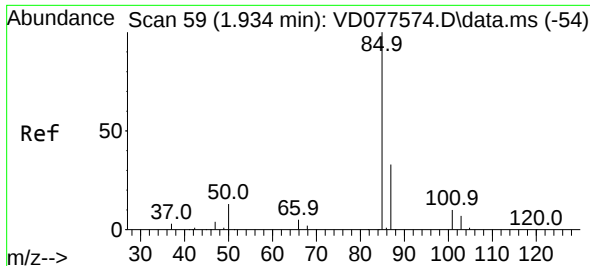
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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	135471	25.264	ug/L	96
29) Cyclohexane	7.881	56	196384	22.213	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	176427	24.750	ug/L	99
31) Carbon tetrachloride	7.993	117	152139	24.835	ug/L	97
33) Benzene	8.257	78	458047	24.258	ug/L	100
34) Trichloroethene	9.034	95	112051	23.948	ug/L	93
35) Methylcyclohexane	9.275	83	193836	22.957	ug/L	99
37) 1,2-Dichloropropane	9.310	63	126756	24.147	ug/L	99
38) Bromodichloromethane	9.587	83	148851	24.721	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	194975	24.171	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	156752	49.002	ug/L	99
42) Toluene	10.334	91	492112	24.823	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	163428	24.519	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	81558	25.417	ug/L	98
46) Tetrachloroethene	10.810	164	84229	24.466	ug/L	95
48) 2-Hexanone	10.922	43	124172	48.972	ug/L	98
49) Dibromochloromethane	11.075	129	94995	26.063	ug/L	95
50) 1,2-Dibromoethane	11.181	107	76418	24.904	ug/L	98
51) Chlorobenzene	11.610	112	287552	24.758	ug/L	98
52) Ethylbenzene	11.687	91	536292	24.585	ug/L	99
53) m,p-Xylene	11.793	106	196692	24.779	ug/L	99
54) o-Xylene	12.122	106	191275	25.159	ug/L	93
55) Styrene	12.140	104	337755	25.444	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	100415	26.565	ug/L	97
59) Bromoform	12.304	173	55871	24.019	ug/L	96
60) Isopropylbenzene	12.422	105	530984	24.060	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	69090	23.773	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	399503	23.852	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	409614	24.142	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	217949	24.073	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	226702	24.811	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	195046	24.367	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14587	23.075	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.598	180	147596	23.942	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	124339	23.931	ug/L	98
71) Naphthalene	15.334	128	236951	24.199	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	109360	24.686	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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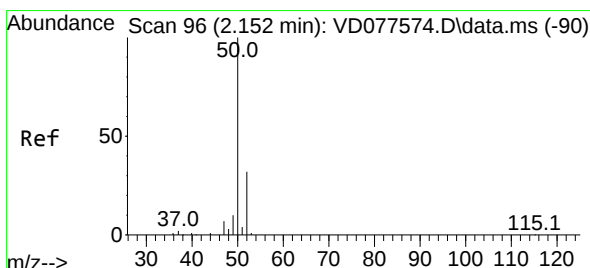
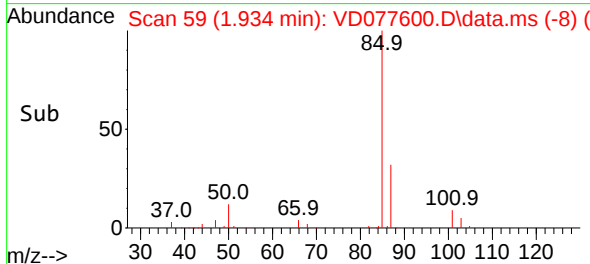
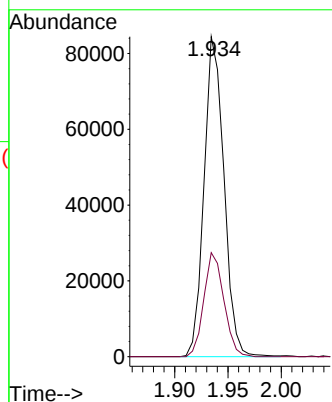
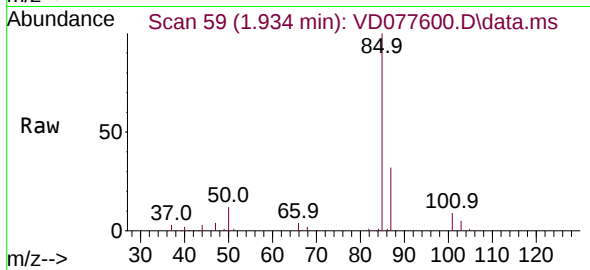




#2
Dichlorodifluoromethane
Concen: 23.280 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

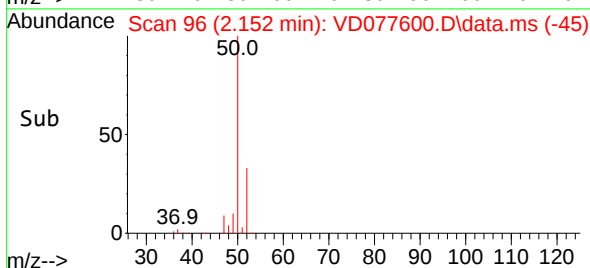
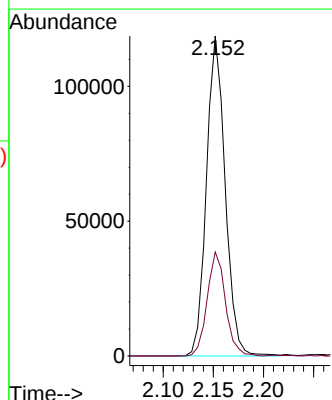
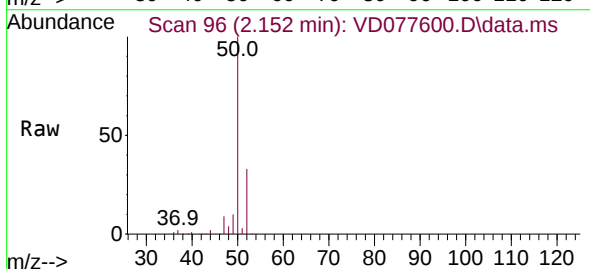
Instrument :
MSVOA_D
ClientSampleId :

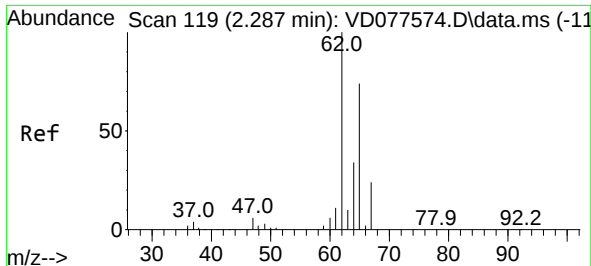
Tgt Ion: 85 Resp: 109992
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.2



#3
Chloromethane
Concen: 22.760 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 50 Resp: 154712
Ion Ratio Lower Upper
50 100
52 32.5 22.1 41.1

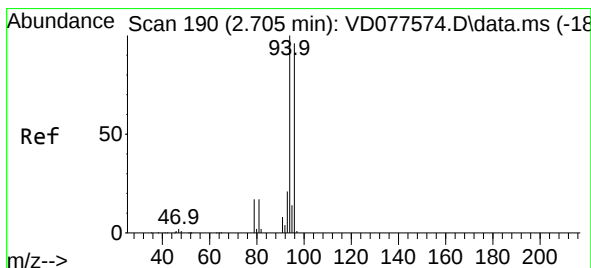
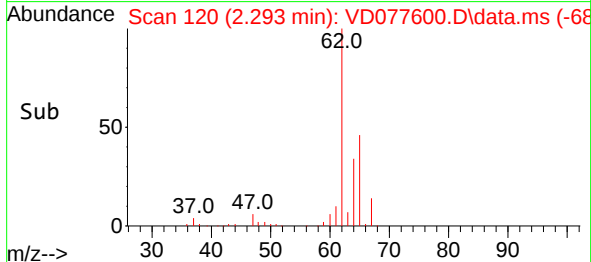
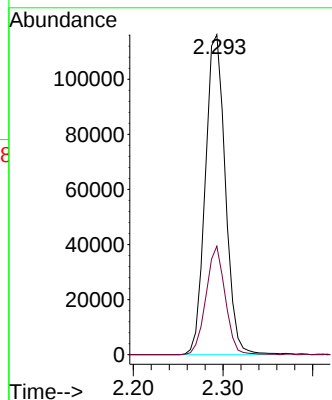
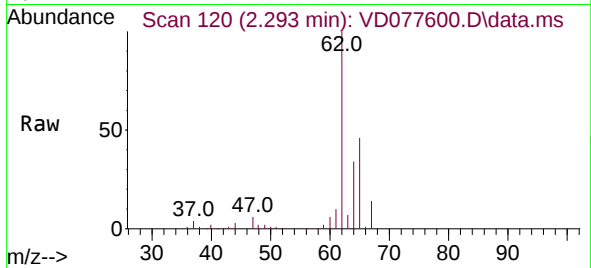




#5
 Vinyl chloride
 Concen: 23.459 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077600.D
 Acq: 17 Nov 2023 08:43

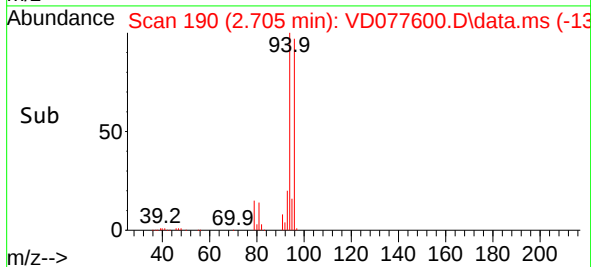
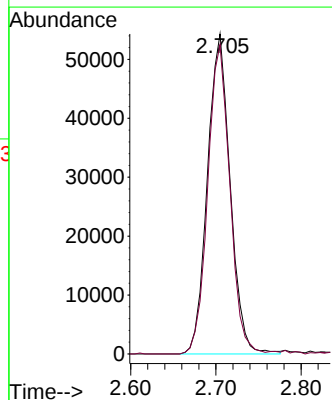
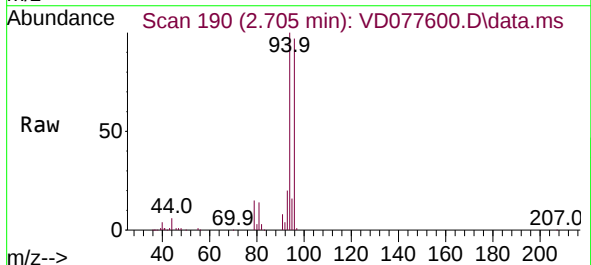
Instrument :
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 ClientSampleId :

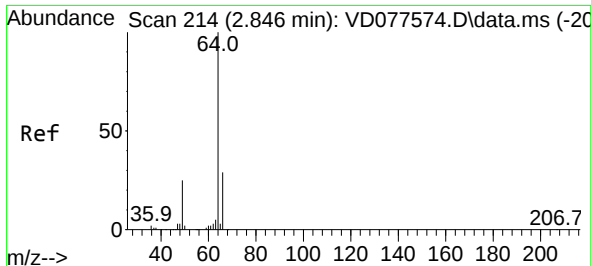
Tgt Ion: 62 Resp: 179986
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.5



#6
 Bromomethane
 Concen: 24.635 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077600.D
 Acq: 17 Nov 2023 08:43

Tgt Ion: 94 Resp: 100626
 Ion Ratio Lower Upper
 94 100
 96 96.6 64.5 119.9

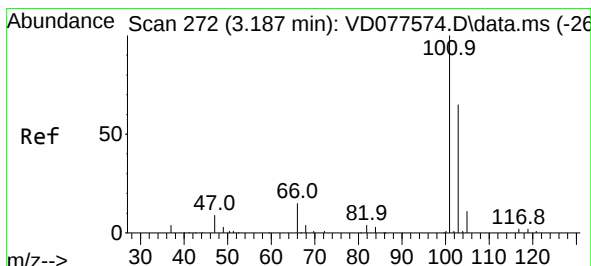
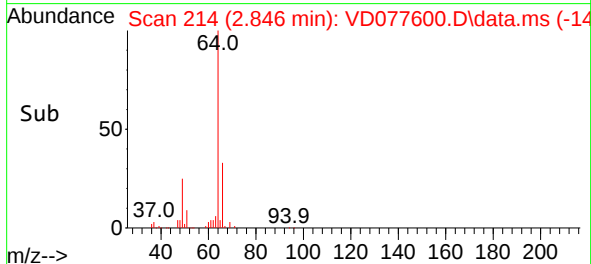
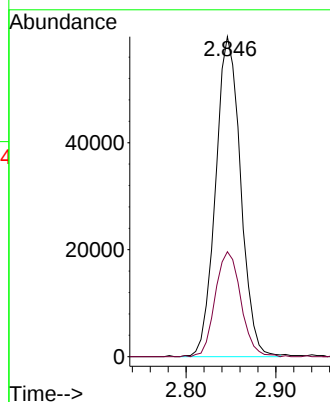
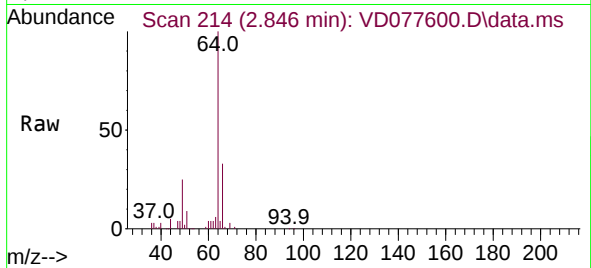




#8
Chloroethane
Concen: 24.315 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

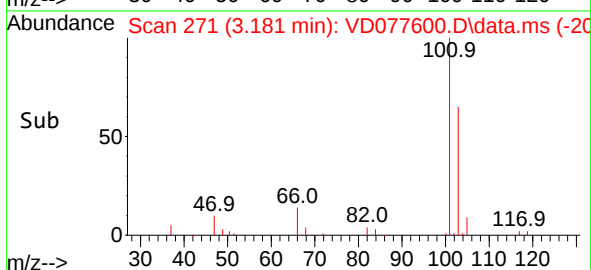
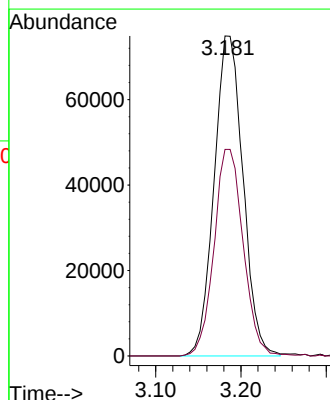
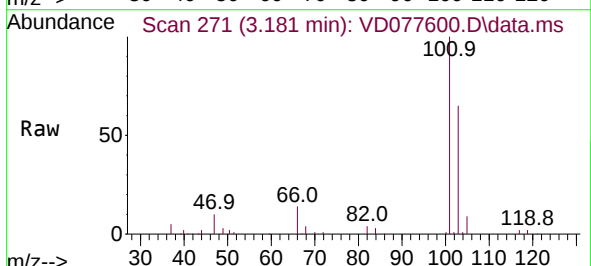
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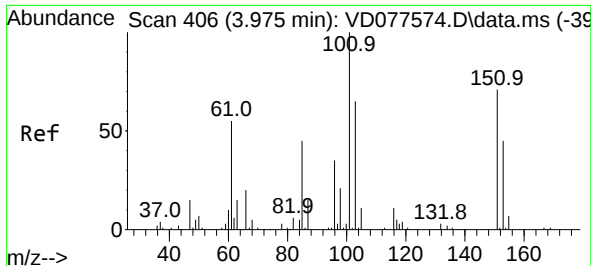
Tgt Ion: 64 Resp: 115980
Ion Ratio Lower Upper
64 100
66 32.8 19.8 36.8



#9
Trichlorofluoromethane
Concen: 25.261 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion:101 Resp: 176380
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

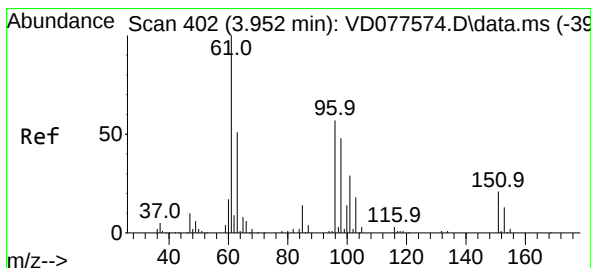
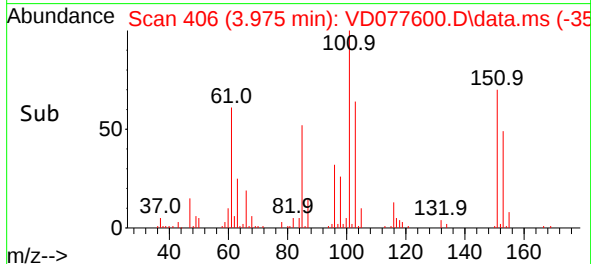
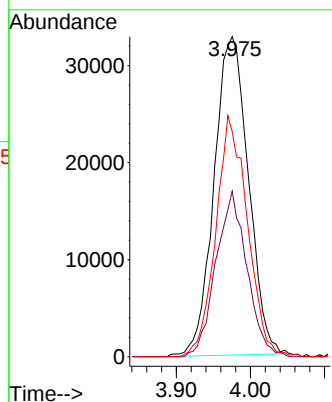
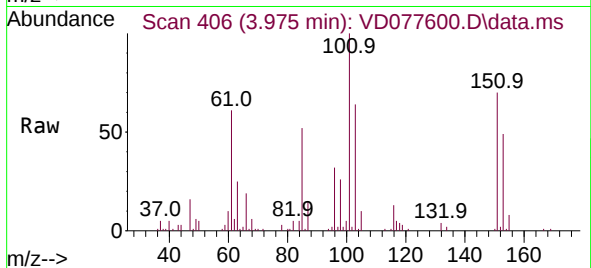




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.520 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VD077600.D
 Acq: 17 Nov 2023 08:43

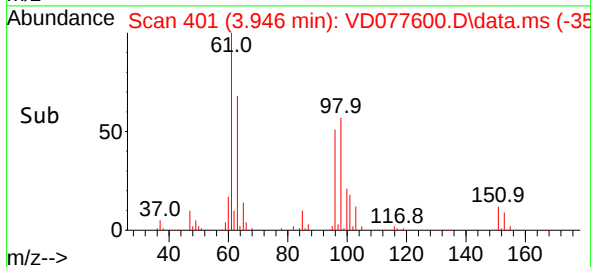
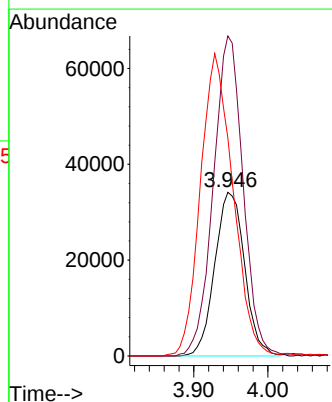
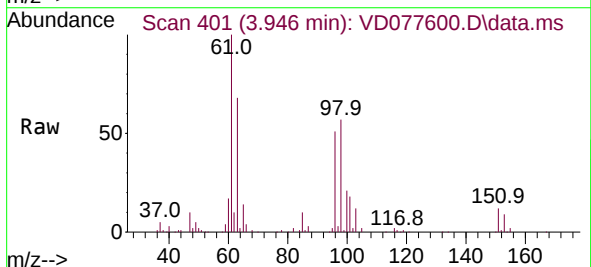
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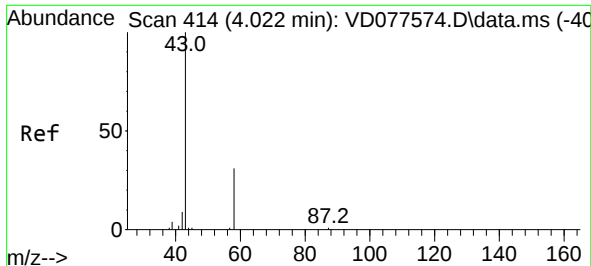
Tgt Ion:101 Resp: 105360
 Ion Ratio Lower Upper
 101 100
 85 47.0 36.8 55.2
 151 69.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 22.858 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD077600.D
 Acq: 17 Nov 2023 08:43

Tgt Ion: 96 Resp: 95364
 Ion Ratio Lower Upper
 96 100
 61 195.5 127.5 236.9
 63 133.1 86.4 160.4





#13

Acetone

Concen: 55.400 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

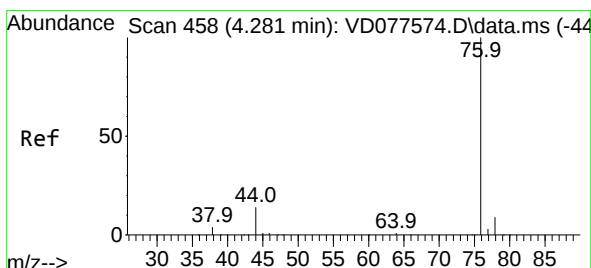
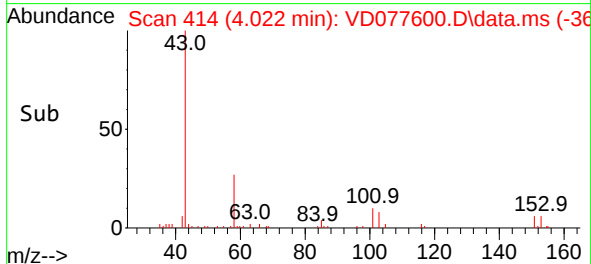
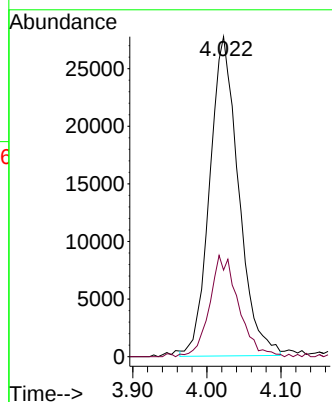
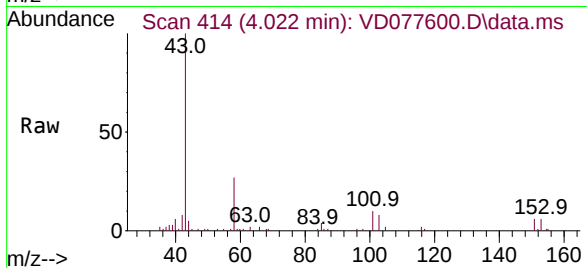
ClientSampleId :

Tgt Ion: 43 Resp: 75246

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.0



#14

Carbon disulfide

Concen: 21.020 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD077600.D

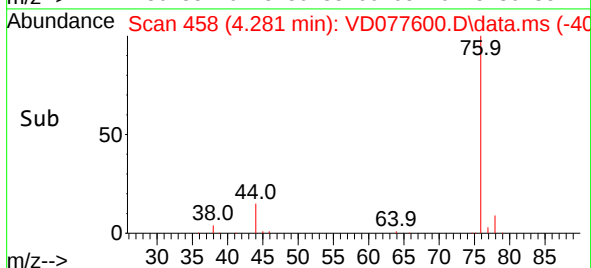
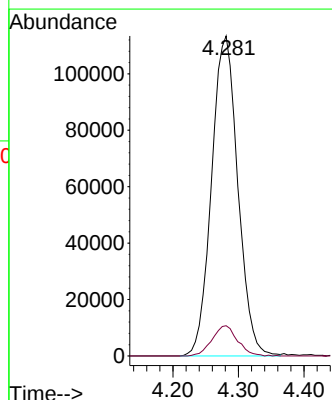
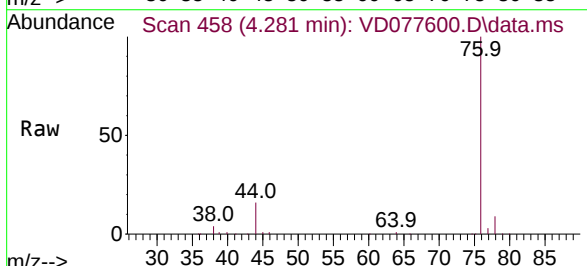
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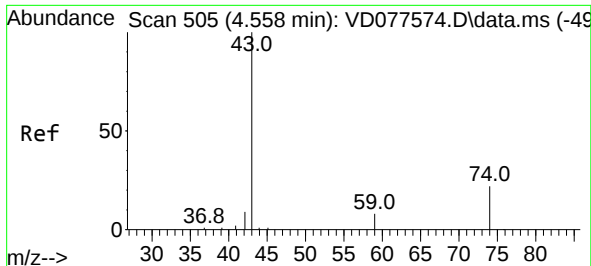
Tgt Ion: 76 Resp: 315780

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3

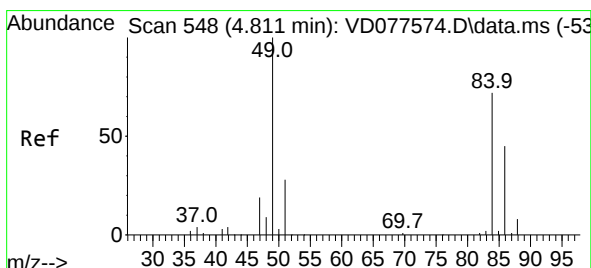
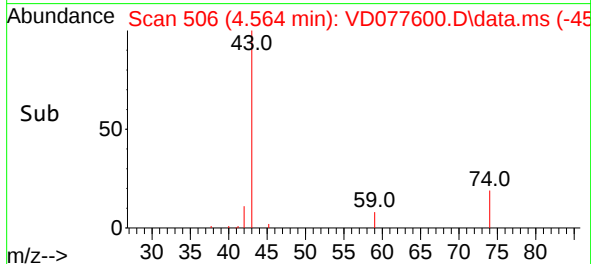
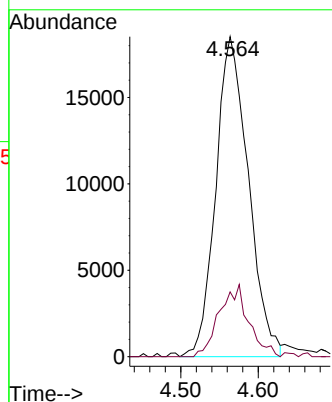
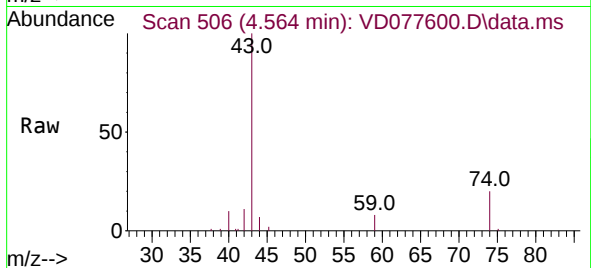




#15
Methyl Acetate
Concen: 24.228 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

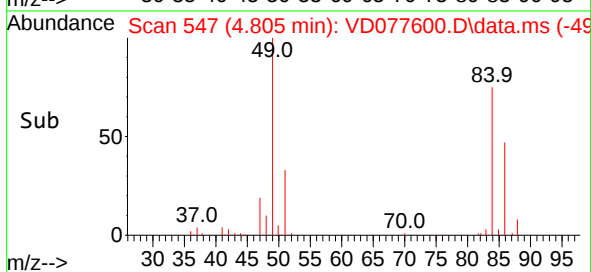
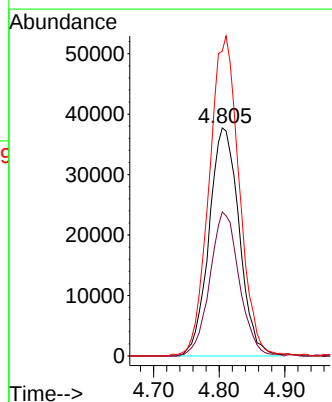
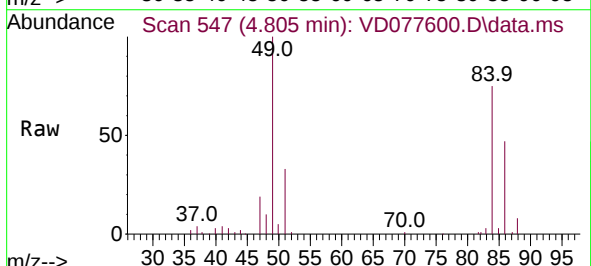
Instrument :
MSVOA_D
ClientSampleId :

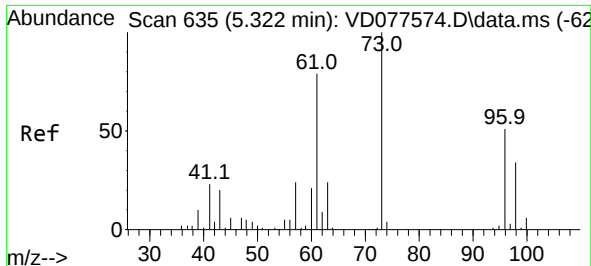
Tgt Ion: 43 Resp: 54137
Ion Ratio Lower Upper
43 100
74 19.7 16.6 24.8



#16
Methylene chloride
Concen: 24.289 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

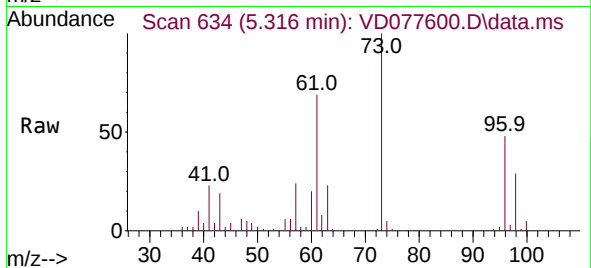
Tgt Ion: 84 Resp: 120312
Ion Ratio Lower Upper
84 100
86 63.2 46.5 86.5
49 133.8 98.3 182.7



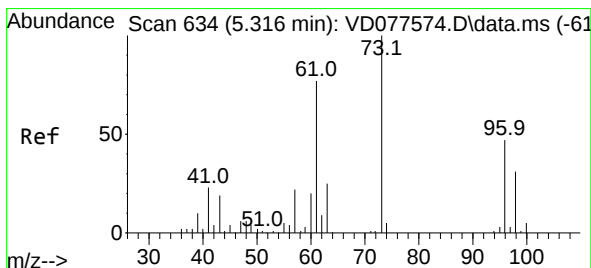
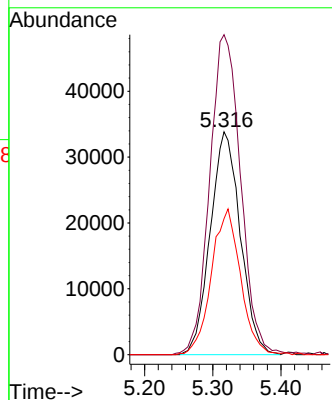
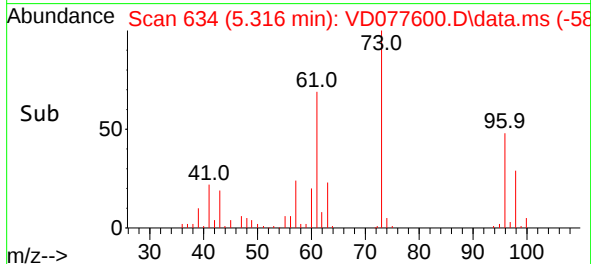


#17
trans-1,2-Dichloroethene
Concen: 23.662 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Instrument :
MSVOA_D
ClientSampleId :

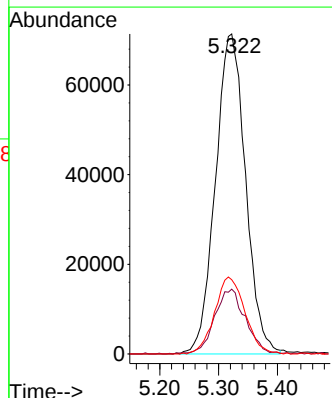
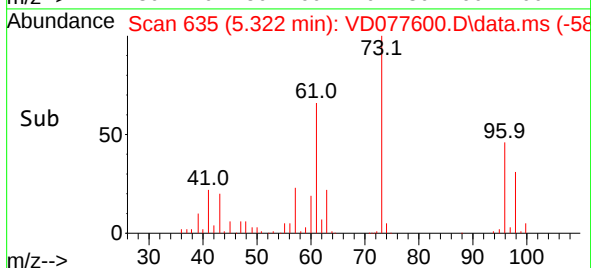
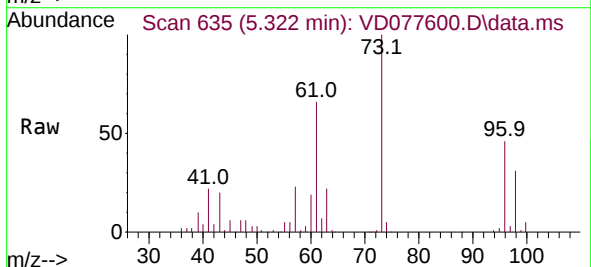


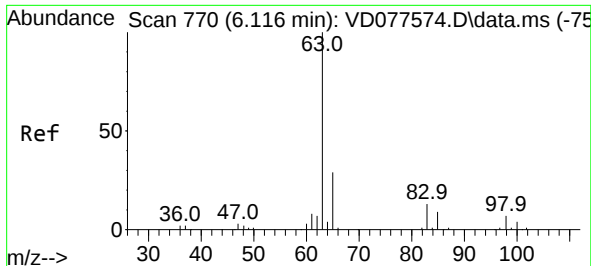
Tgt Ion: 96 Resp: 103845
Ion Ratio Lower Upper
96 100
61 143.6 104.0 193.2
98 61.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 24.659 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 73 Resp: 254000
Ion Ratio Lower Upper
73 100
43 20.6 16.4 24.6
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.339 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

ClientSampleId :

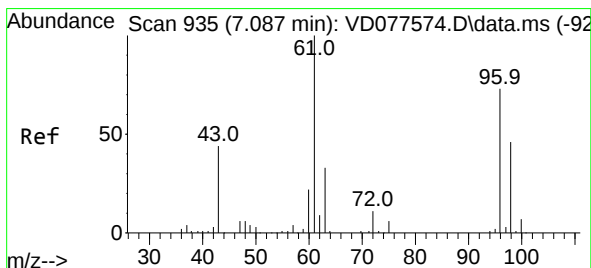
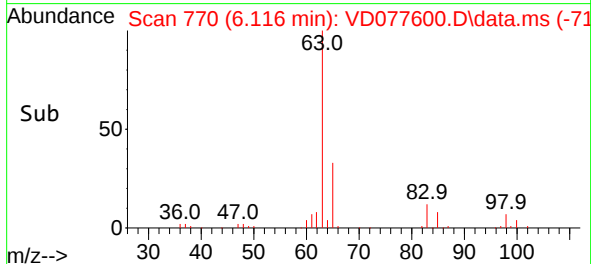
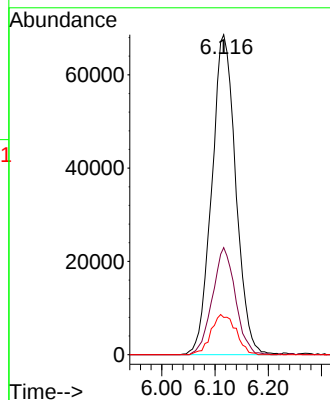
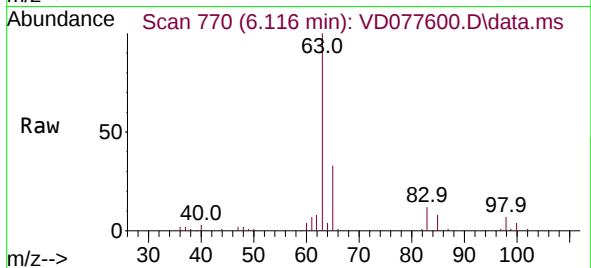
Tgt Ion: 63 Resp: 214311

Ion Ratio Lower Upper

63 100

65 33.5 22.6 42.0

83 11.6 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.554 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

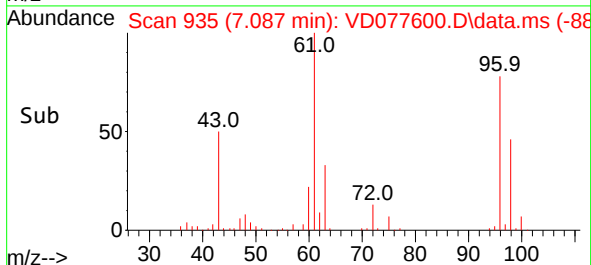
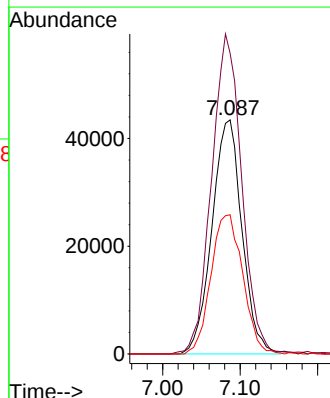
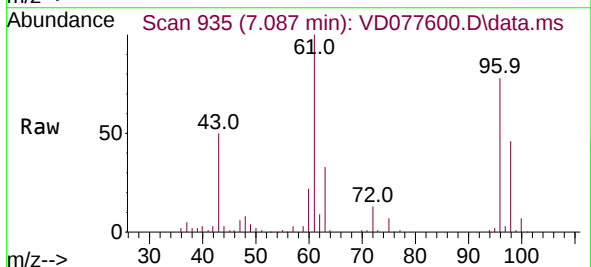
Tgt Ion: 96 Resp: 117074

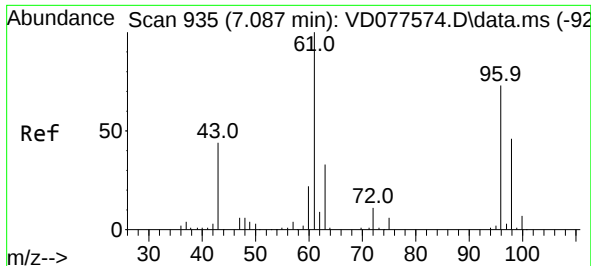
Ion Ratio Lower Upper

96 100

61 128.4 95.0 176.4

98 59.4 43.1 80.1

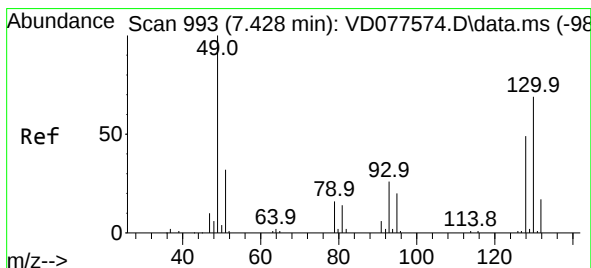
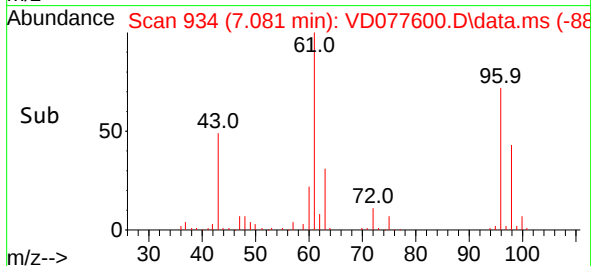
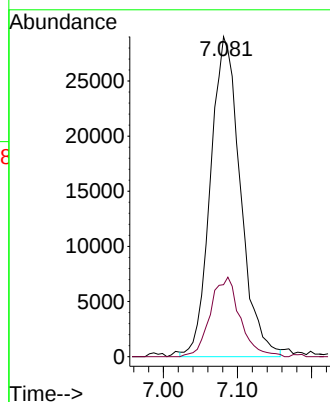
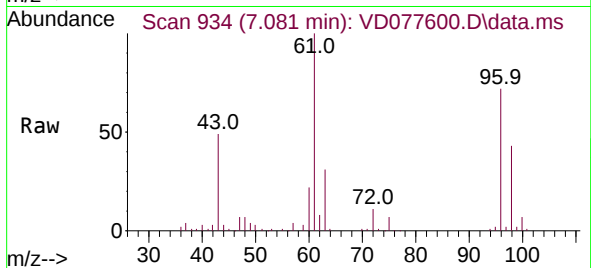




#22
2-Butanone
Concen: 49.789 ug/L
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

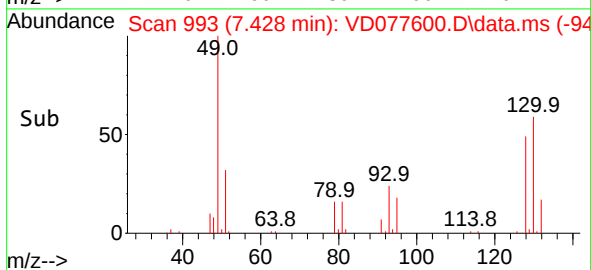
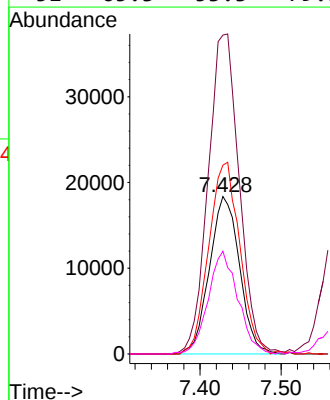
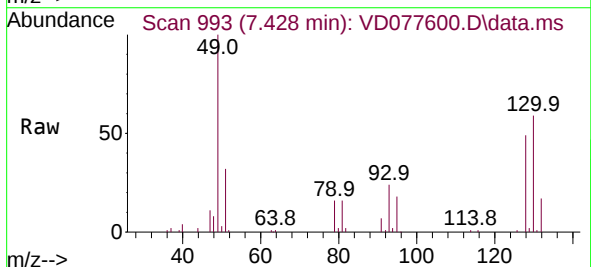
Instrument :
MSVOA_D
ClientSampleId :

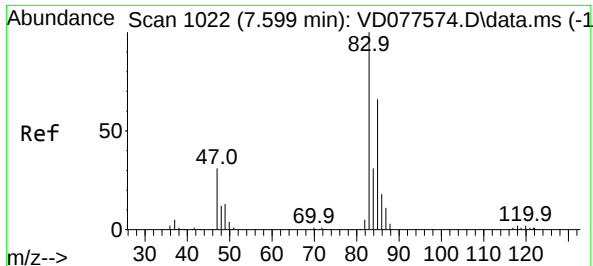
Tgt Ion: 43 Resp: 81366
Ion Ratio Lower Upper
43 100
72 24.6 12.8 38.4



#23
Bromochloromethane
Concen: 24.665 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion:128 Resp: 47255
Ion Ratio Lower Upper
128 100
49 202.6 146.7 272.5
130 120.0 83.2 154.6
51 65.3 53.3 79.9





#25

Chloroform

Concen: 25.347 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

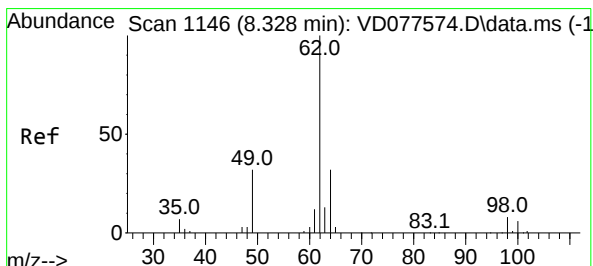
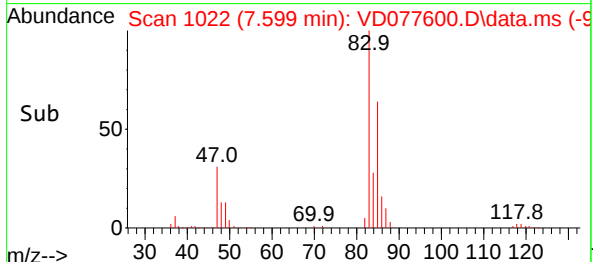
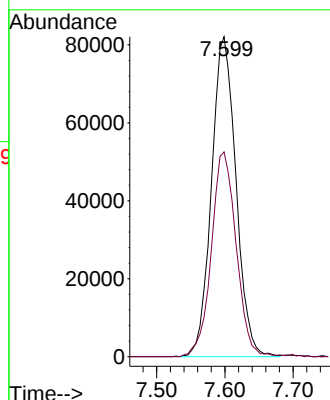
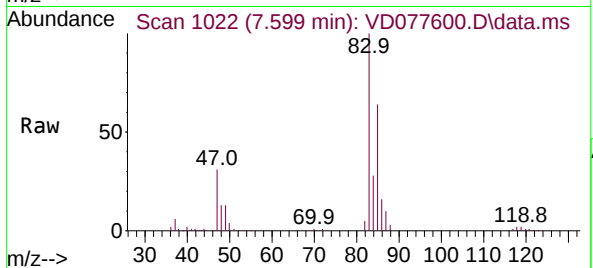
ClientSampleId :

Tgt Ion: 83 Resp: 205028

Ion Ratio Lower Upper

83 100

85 64.0 45.9 85.3



#27

1,2-Dichloroethane

Concen: 25.264 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077600.D

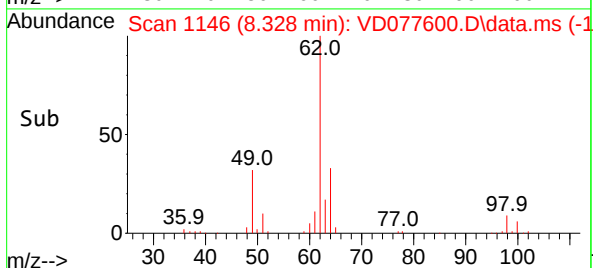
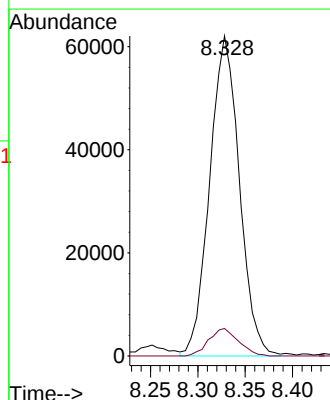
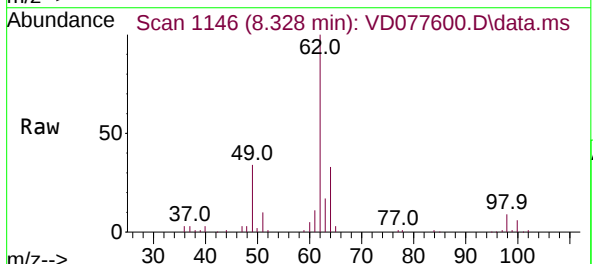
Acq: 17 Nov 2023 08:43

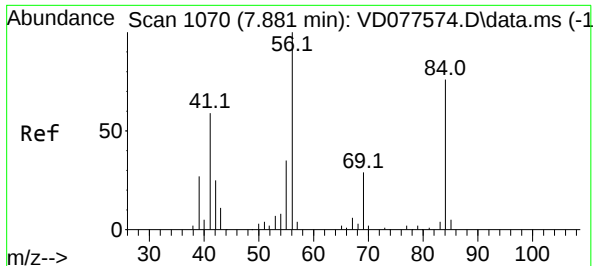
Tgt Ion: 62 Resp: 135471

Ion Ratio Lower Upper

62 100

98 8.6 8.0 12.0





#29

Cyclohexane

Concen: 22.213 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

ClientSampleId :

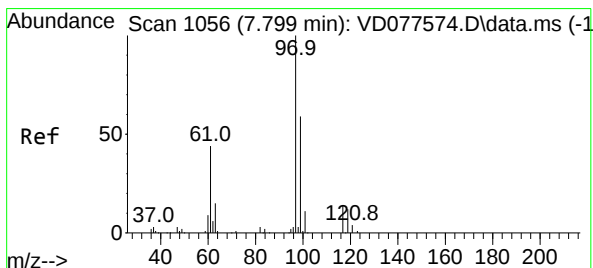
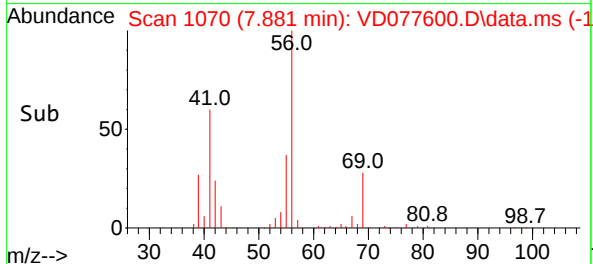
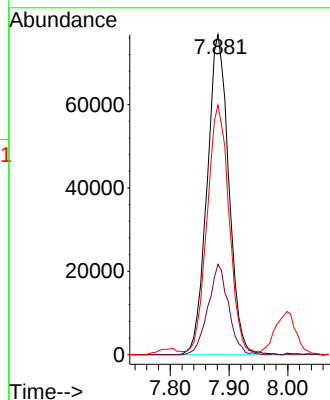
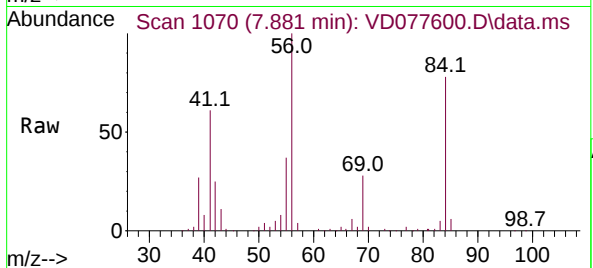
Tgt Ion: 56 Resp: 196384

Ion Ratio Lower Upper

56 100

69 26.5 22.6 33.8

84 79.5 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 24.750 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

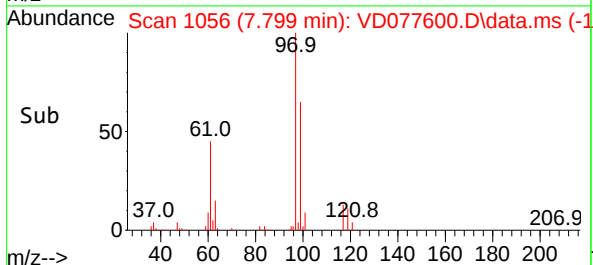
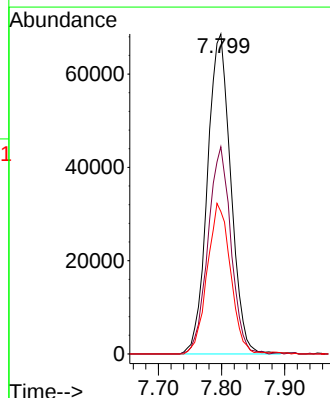
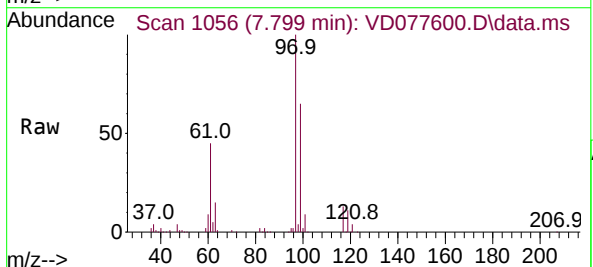
Tgt Ion: 97 Resp: 176427

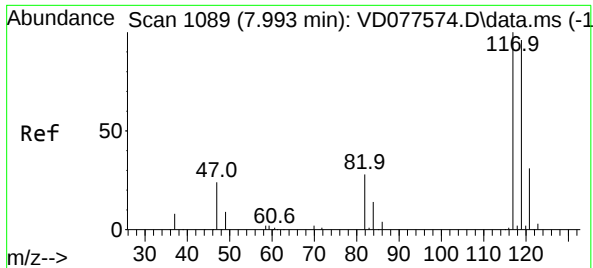
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

61 46.7 38.1 57.1

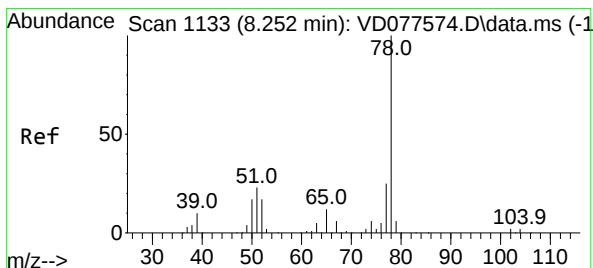
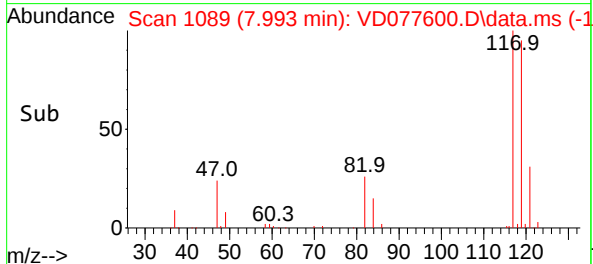
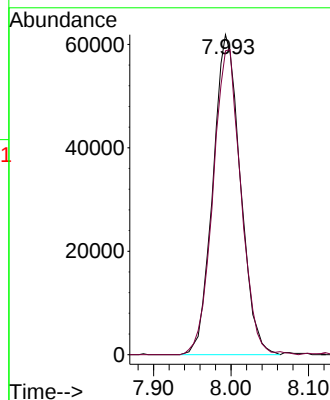
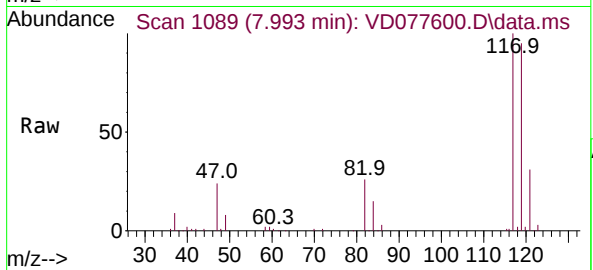




#31
Carbon tetrachloride
Concen: 24.835 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

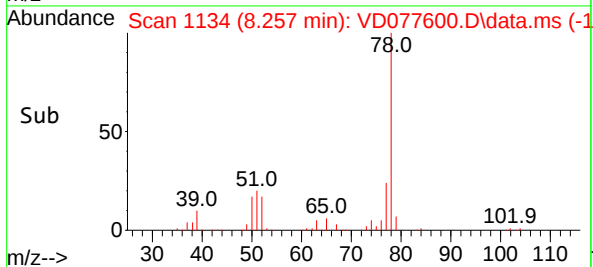
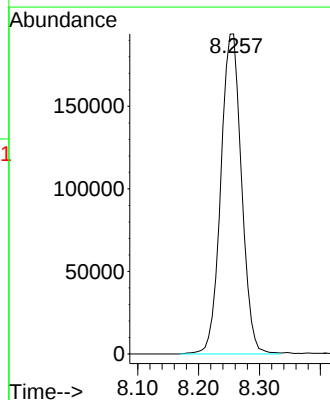
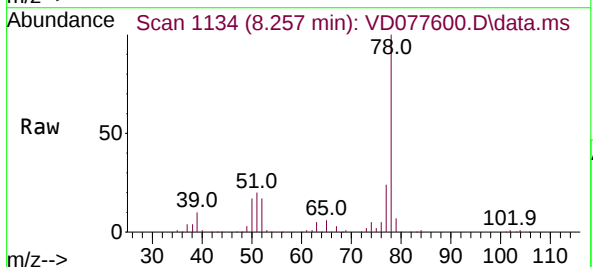
Instrument :
MSVOA_D
ClientSampleId :

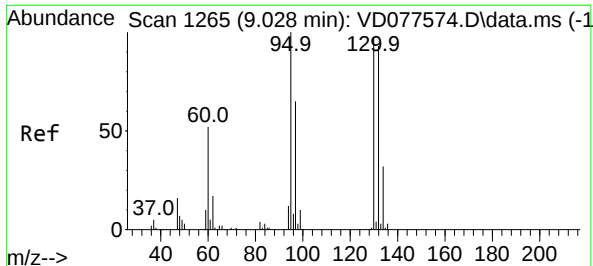
Tgt Ion:117 Resp: 152139
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.0



#33
Benzene
Concen: 24.258 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 78 Resp: 458047





#34

Trichloroethene

Concen: 23.948 ug/L

RT: 9.034 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 112051

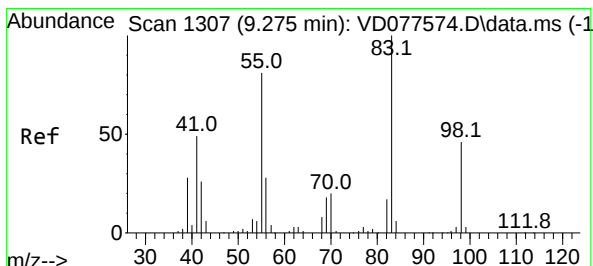
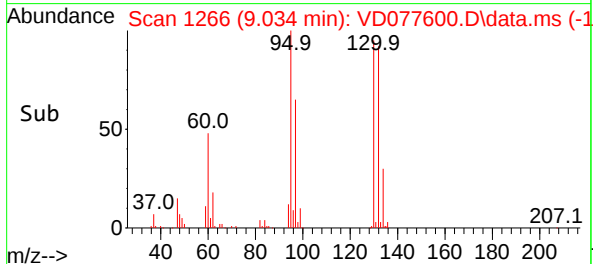
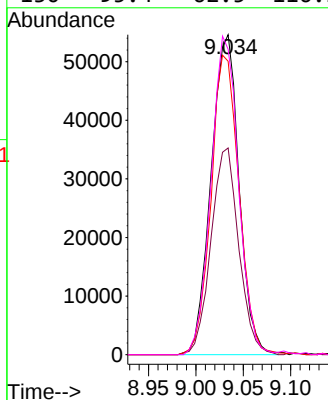
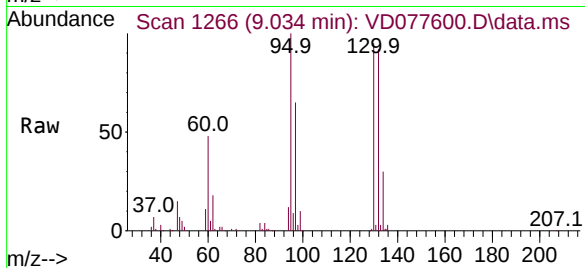
Ion Ratio Lower Upper

95 100

97 64.6 42.4 78.6

132 91.7 59.4 110.2

130 95.4 62.5 116.1



#35

Methylcyclohexane

Concen: 22.957 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

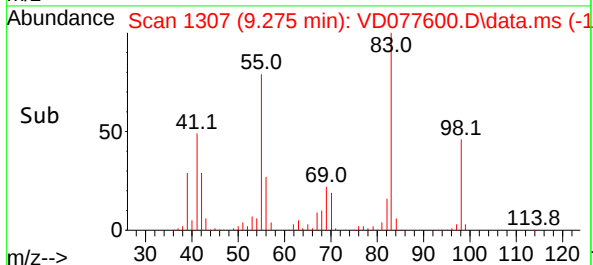
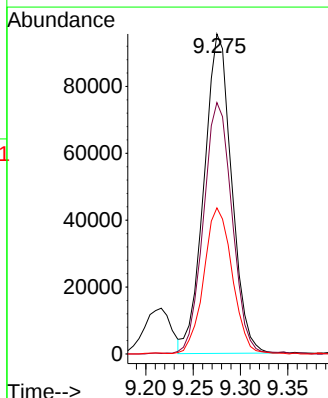
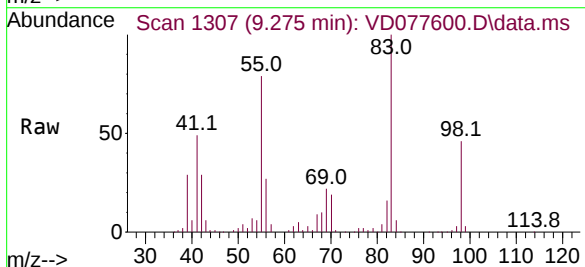
Tgt Ion: 83 Resp: 193836

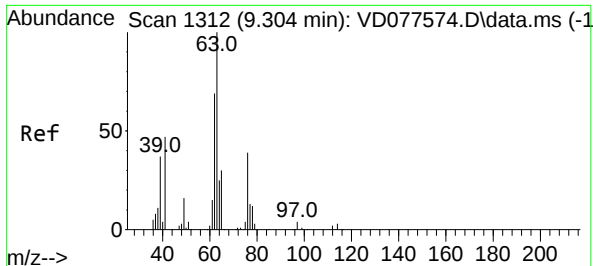
Ion Ratio Lower Upper

83 100

55 81.4 66.5 99.7

98 47.2 37.4 56.2





#37

1,2-Dichloropropane

Concen: 24.147 ug/L

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

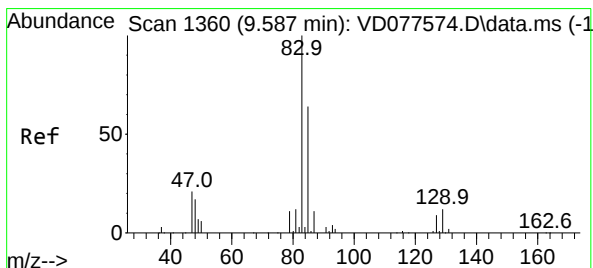
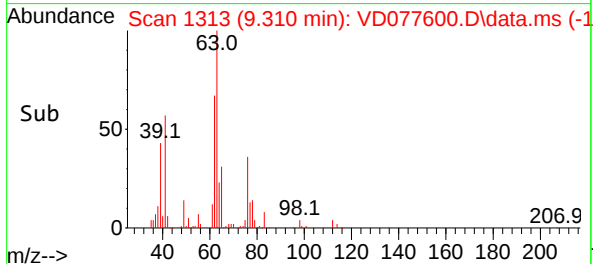
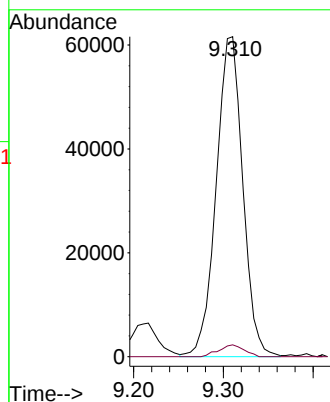
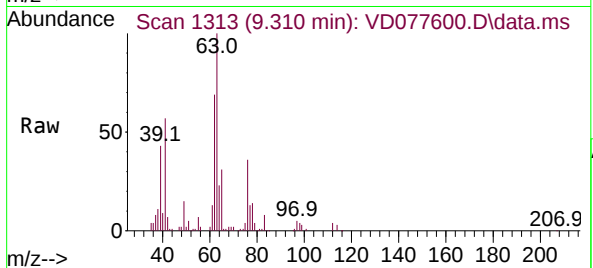
ClientSampleId :

Tgt Ion: 63 Resp: 126756

Ion Ratio Lower Upper

63 100

112 3.5 3.2 4.8



#38

Bromodichloromethane

Concen: 24.721 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

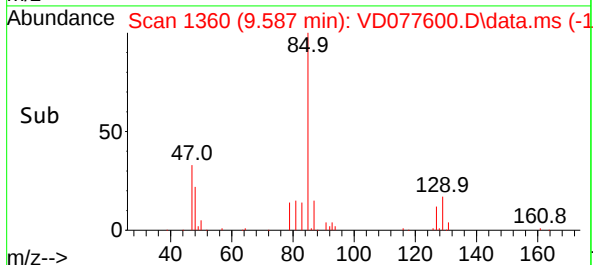
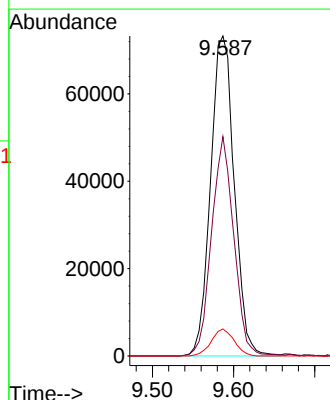
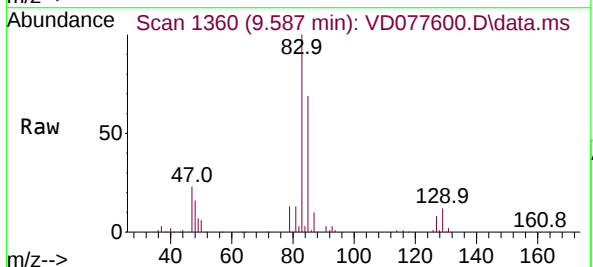
Tgt Ion: 83 Resp: 148851

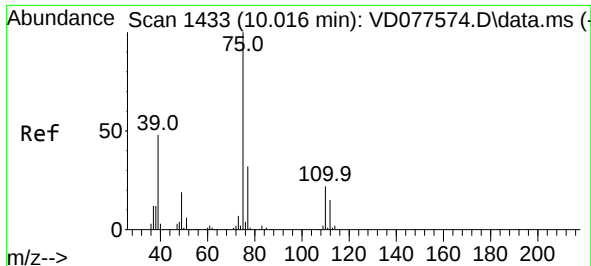
Ion Ratio Lower Upper

83 100

85 68.5 42.4 78.8

127 8.5 6.4 9.6

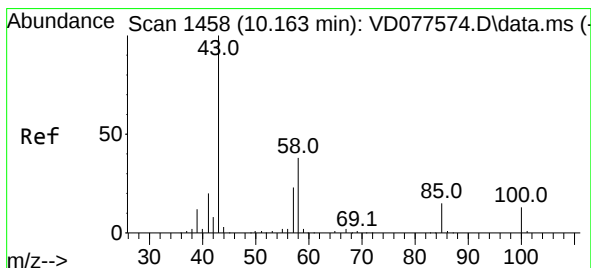
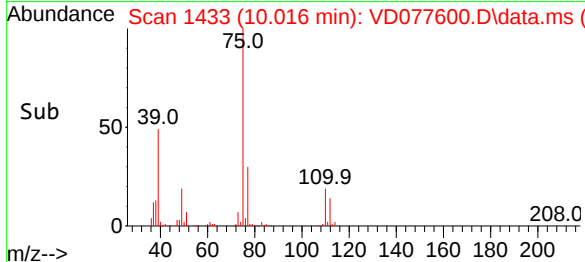
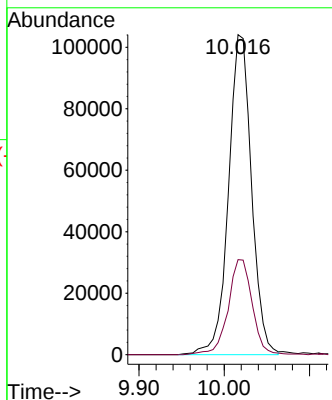
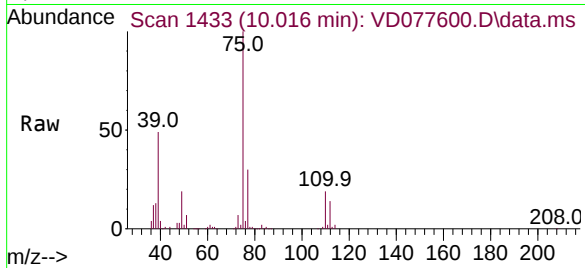




#39
 cis-1,3-Dichloropropene
 Concen: 24.171 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077600.D
 Acq: 17 Nov 2023 08:43

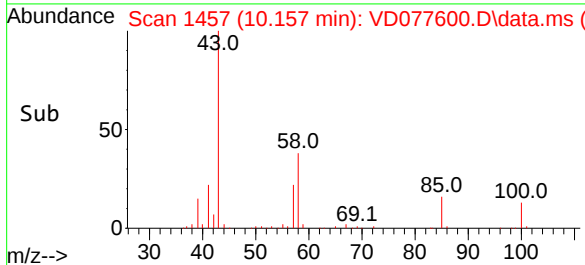
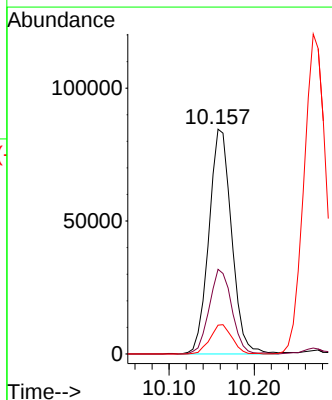
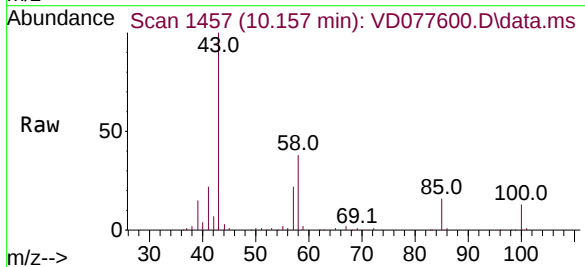
Instrument :
 MSVOA_D
 ClientSampleId :

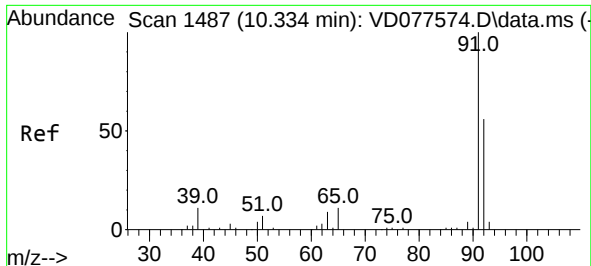
Tgt Ion: 75 Resp: 194975
 Ion Ratio Lower Upper
 75 100
 77 29.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 49.002 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD077600.D
 Acq: 17 Nov 2023 08:43

Tgt Ion: 43 Resp: 156752
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.8
 100 12.5 9.5 14.3

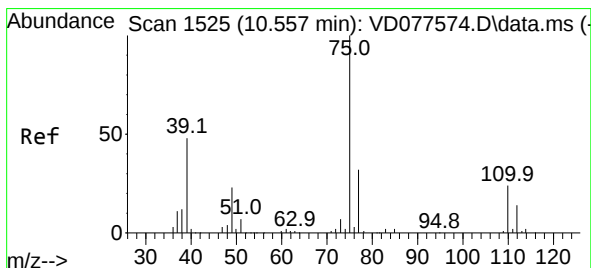
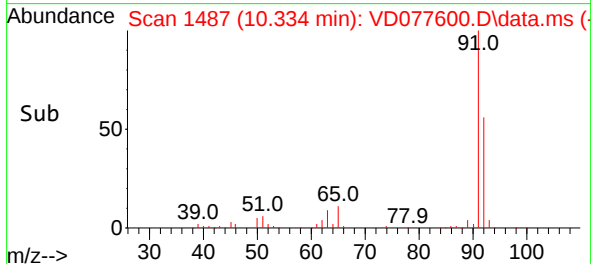
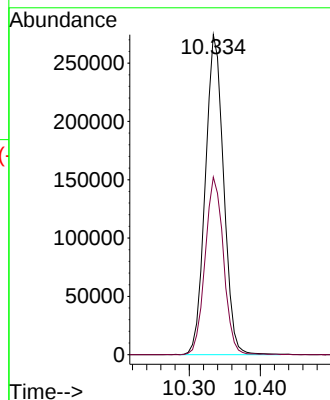
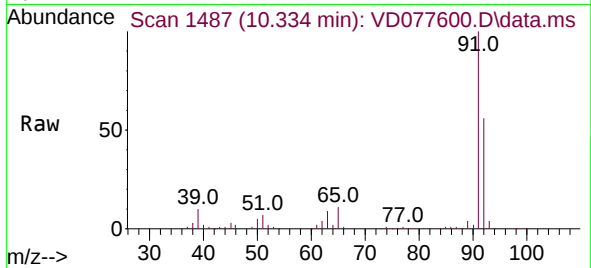




#42
Toluene
Concen: 24.823 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

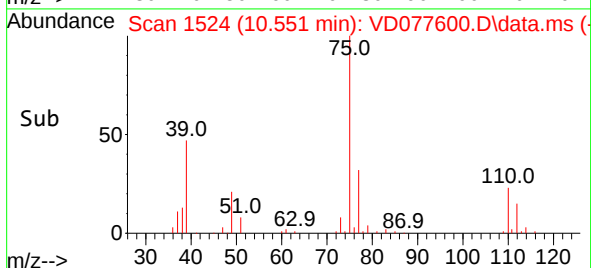
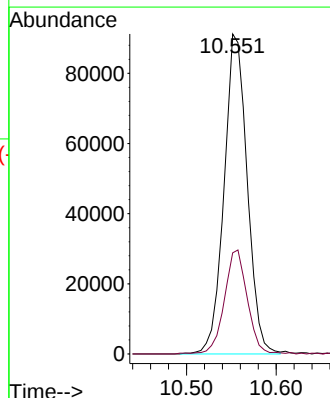
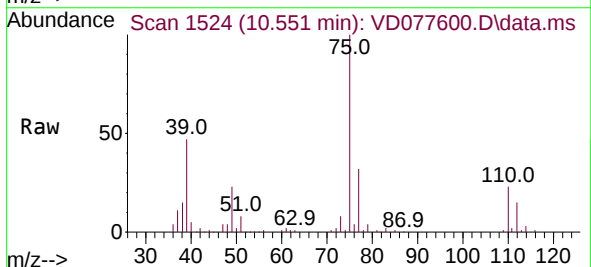
Instrument :
MSVOA_D
ClientSampleId :

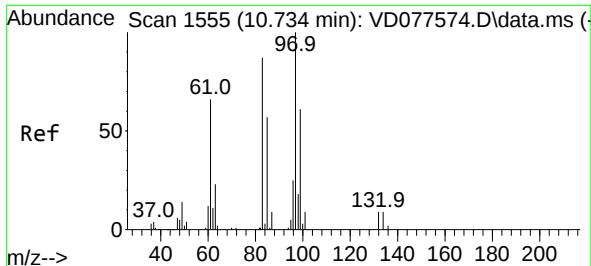
Tgt Ion: 91 Resp: 492112
Ion Ratio Lower Upper
91 100
92 55.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.519 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 75 Resp: 163428
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.5

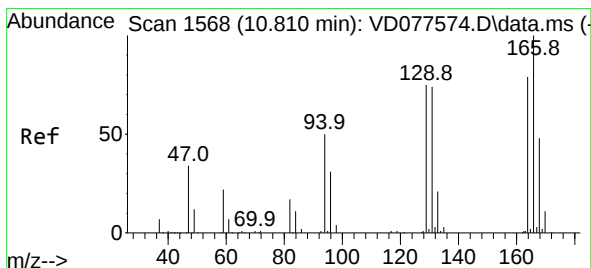
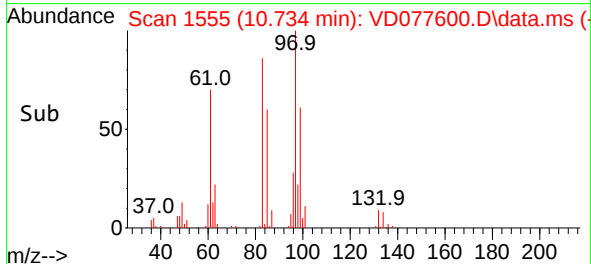
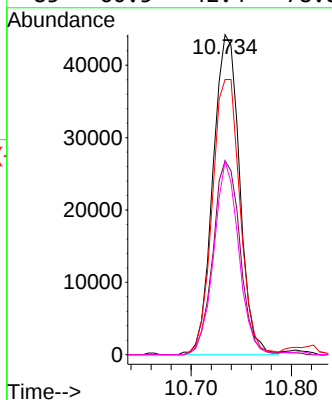
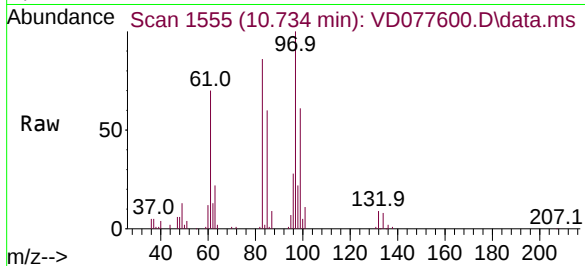




#45
1,1,2-Trichloroethane
Concen: 25.417 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

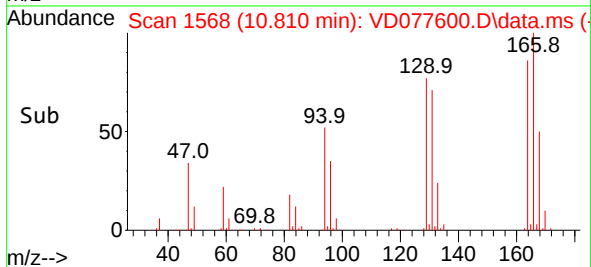
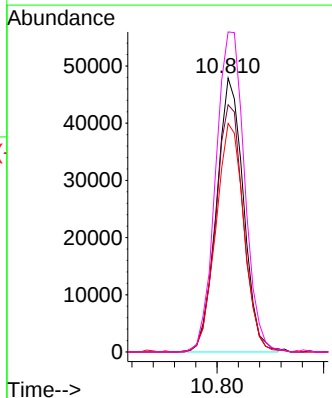
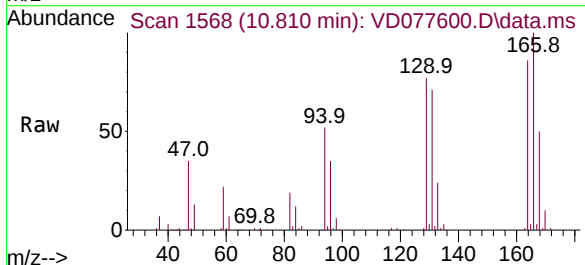
Instrument :
MSVOA_D
ClientSampleId :

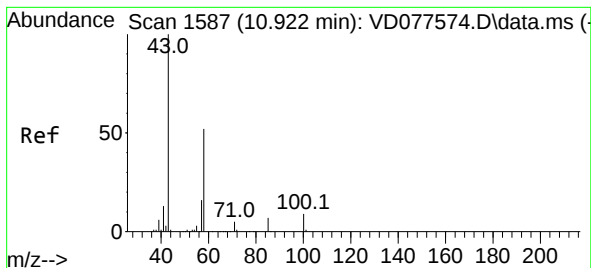
Tgt Ion: 97	Resp: 81558
Ion Ratio	Lower Upper
97 100	
99 60.6	43.5 80.7
83 86.0	63.1 117.3
85 60.5	42.4 78.8



#46
Tetrachloroethene
Concen: 24.466 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt	Ion:164	Resp:	84229
Ion	Ratio	Lower	Upper
164	100		
129	90.2	60.6	112.6
131	83.4	61.6	114.4
166	116.8	85.4	158.6





#48

2-Hexanone

Concen: 48.972 ug/L

RT: 10.922 min Scan# 11

Delta R.T. 0.000 min

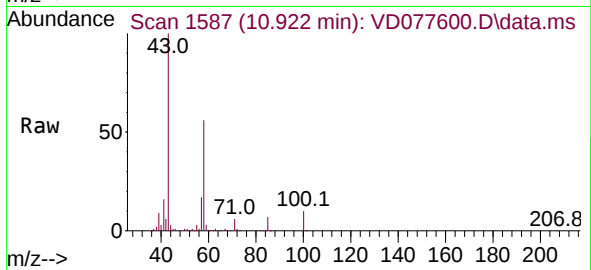
Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 124172

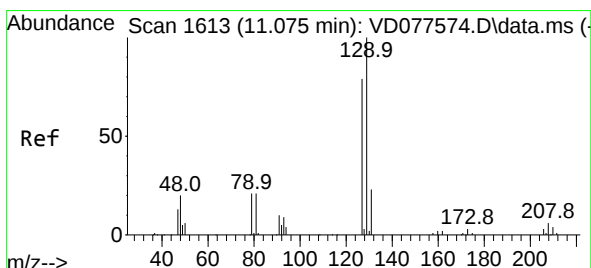
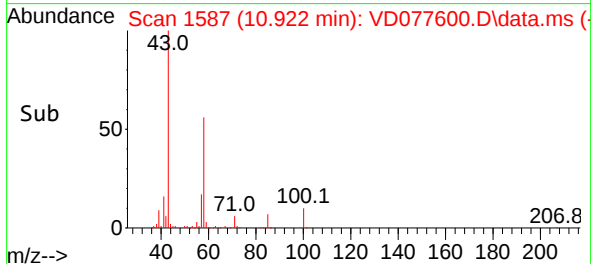
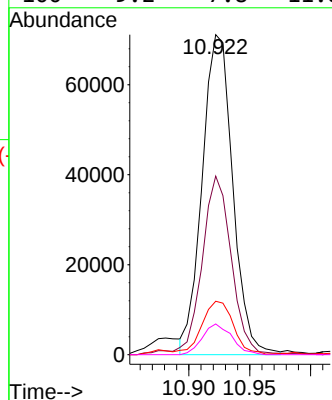
Ion Ratio Lower Upper

43 100

58 53.1 40.8 61.2

57 17.3 13.7 20.5

100 9.2 7.8 11.8



#49

Dibromochloromethane

Concen: 26.063 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077600.D

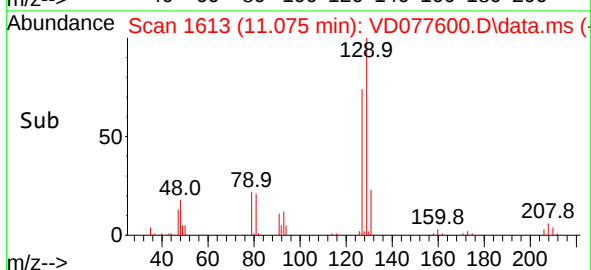
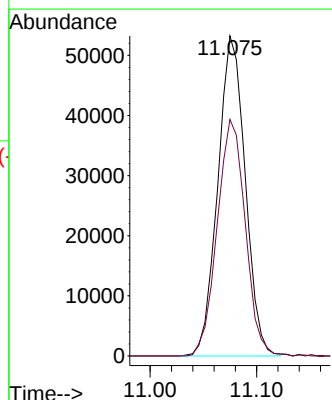
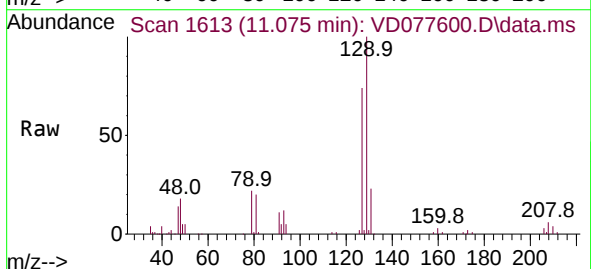
Acq: 17 Nov 2023 08:43

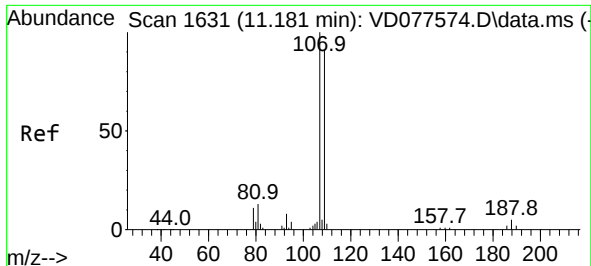
Tgt Ion:129 Resp: 94995

Ion Ratio Lower Upper

129 100

127 73.9 54.9 102.1

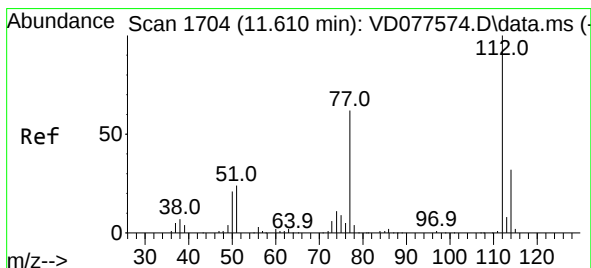
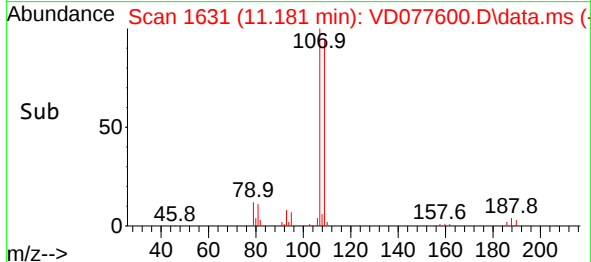
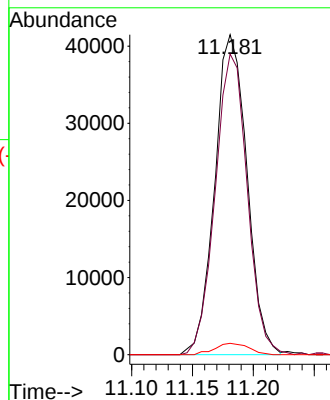
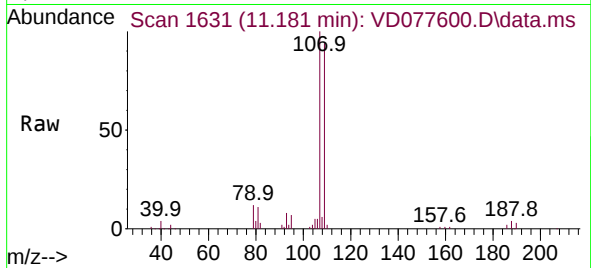




#50
1,2-Dibromoethane
Concen: 24.904 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

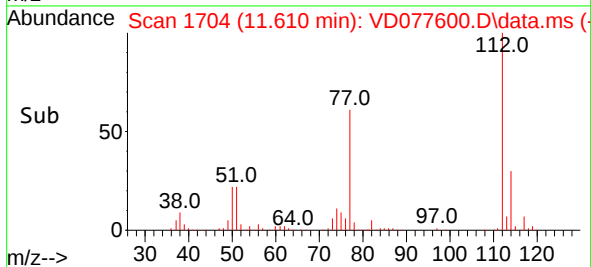
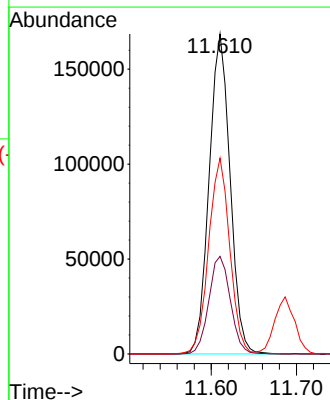
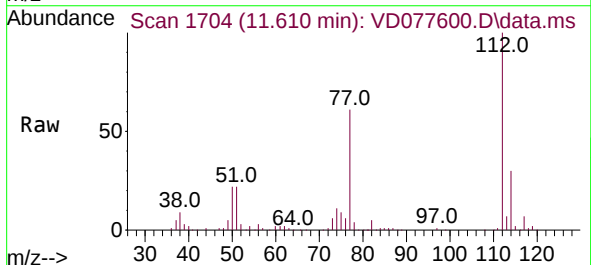
Instrument :
MSVOA_D
ClientSampleId :

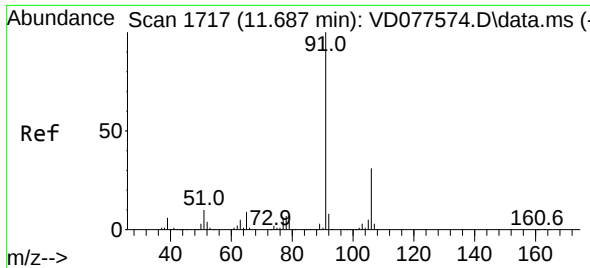
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	64.8	120.3
188	3.6	3.2	4.8



#51
Chlorobenzene
Concen: 24.758 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.4	41.6
77	61.2	49.6	74.4

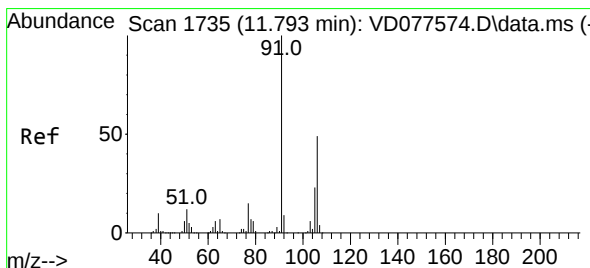
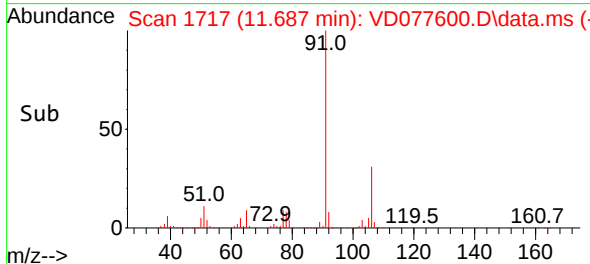
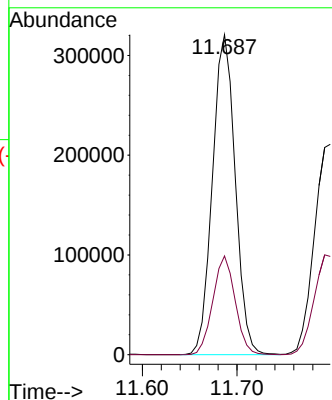
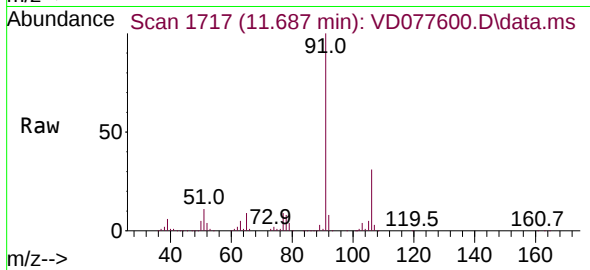




#52
Ethylbenzene
Concen: 24.585 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

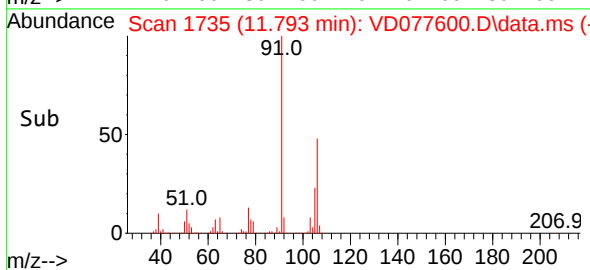
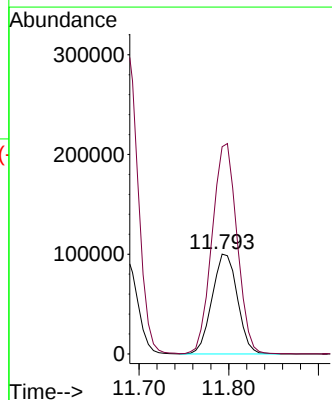
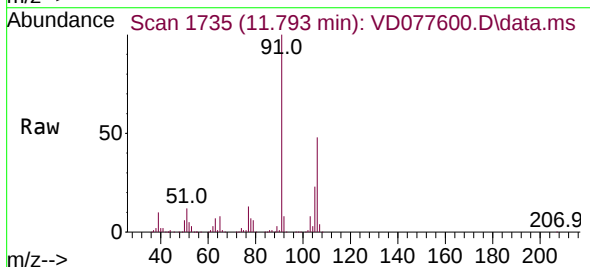
Instrument :
MSVOA_D
ClientSampleId :

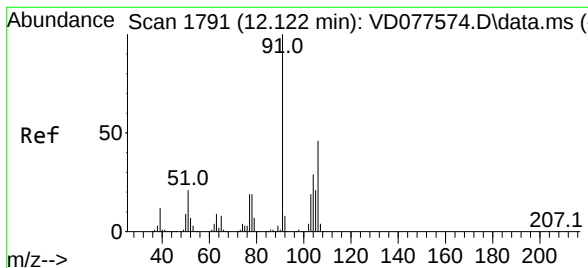
Tgt Ion: 91 Resp: 536292
Ion Ratio Lower Upper
91 100
106 30.8 22.0 40.8



#53
m,p-Xylene
Concen: 24.779 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion:106 Resp: 196692
Ion Ratio Lower Upper
106 100
91 207.7 146.7 272.4

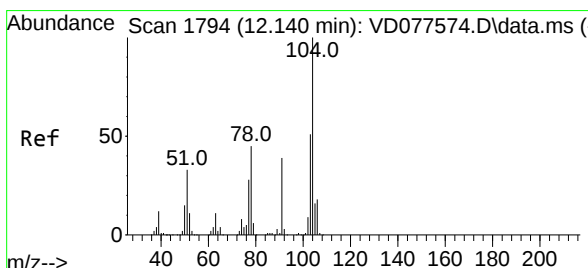
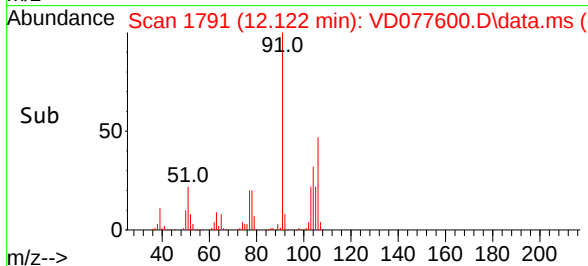
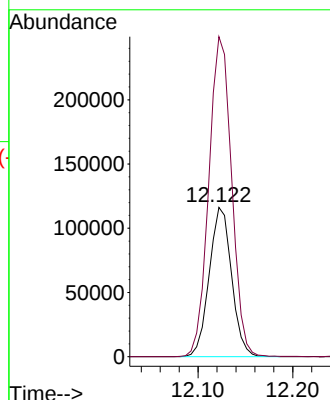
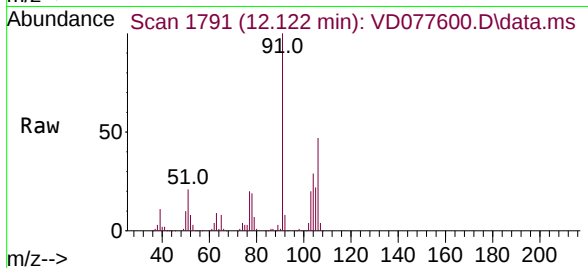




#54
o-Xylene
Concen: 25.159 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

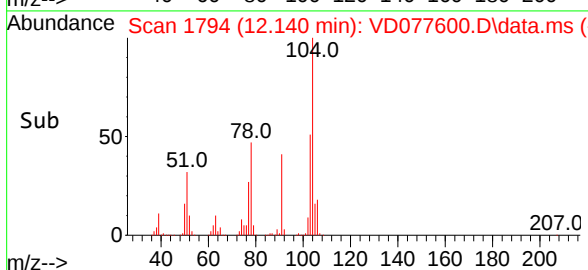
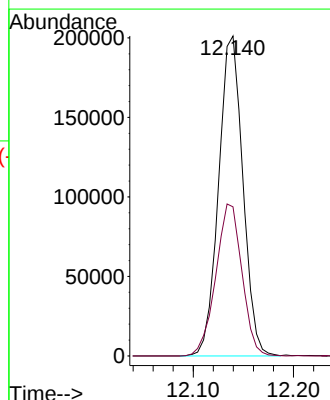
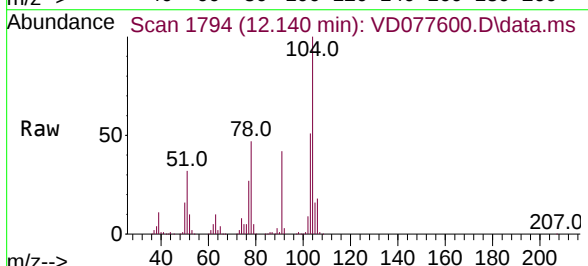
Instrument :
MSVOA_D
ClientSampleId :

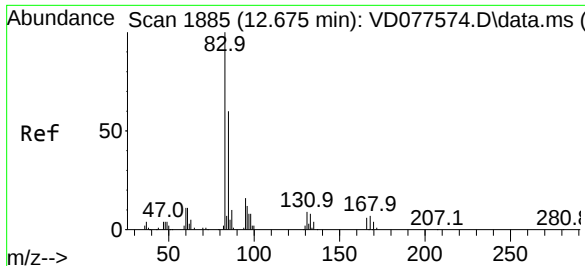
Tgt Ion:106 Resp: 191275
Ion Ratio Lower Upper
106 100
91 214.3 158.5 294.4



#55
Styrene
Concen: 25.444 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion:104 Resp: 337755
Ion Ratio Lower Upper
104 100
78 46.6 34.9 64.9

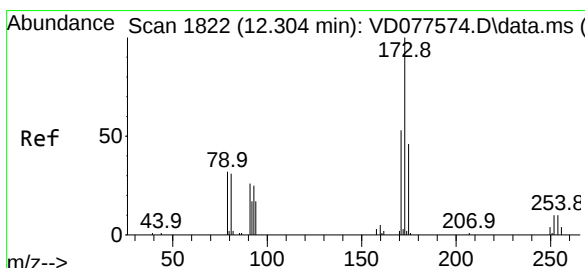
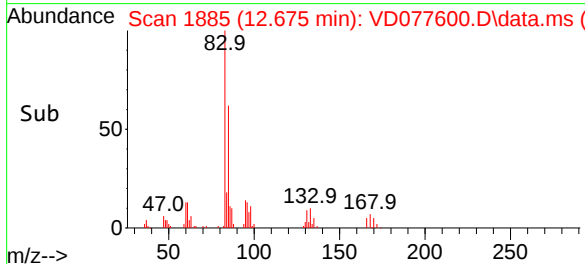
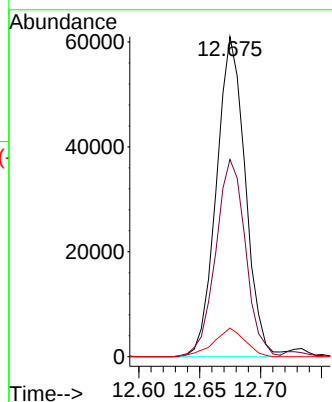
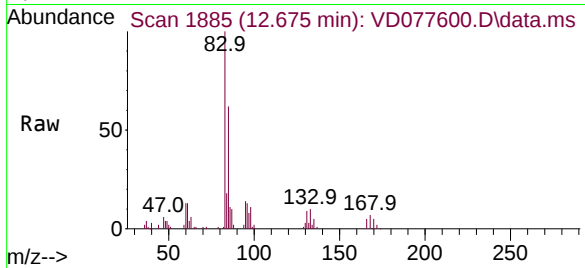




#57
1,1,2,2-Tetrachloroethane
Concen: 26.565 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

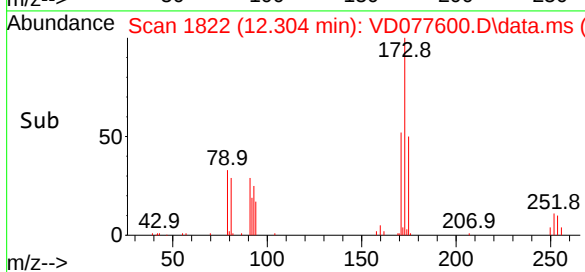
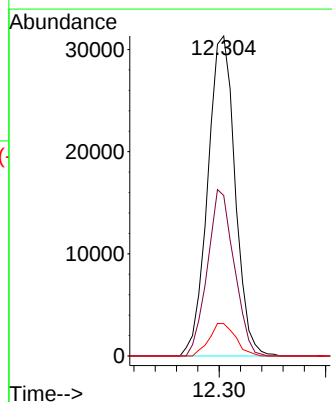
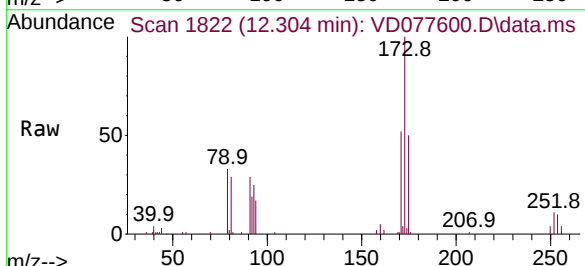
Instrument :
MSVOA_D
ClientSampleId :

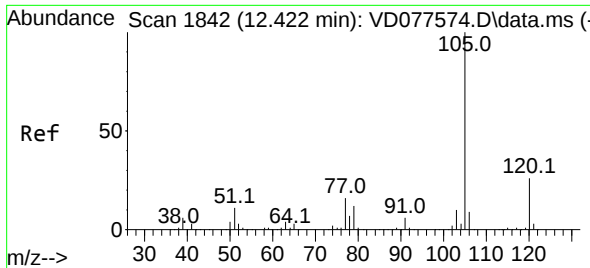
Tgt Ion: 83 Resp: 100415
Ion Ratio Lower Upper
83 100
85 61.6 44.9 83.3
131 8.9 7.2 10.8



#59
Bromoform
Concen: 24.019 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 173 Resp: 55871
Ion Ratio Lower Upper
173 100
175 50.8 38.2 57.2
254 9.8 7.1 10.7

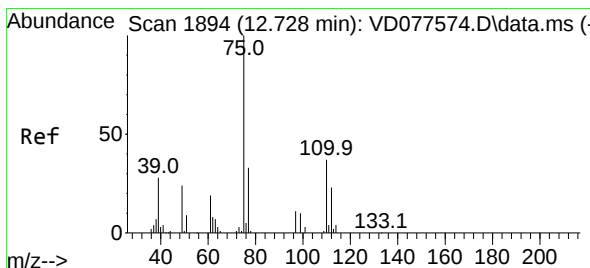
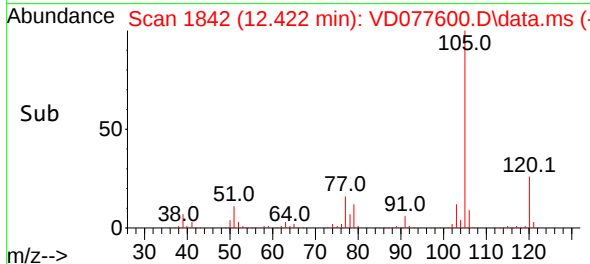
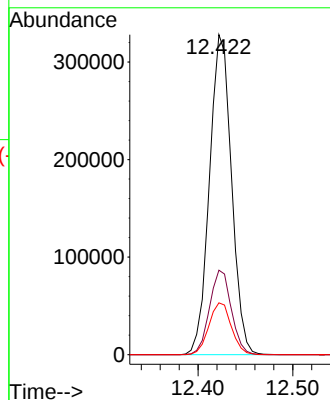
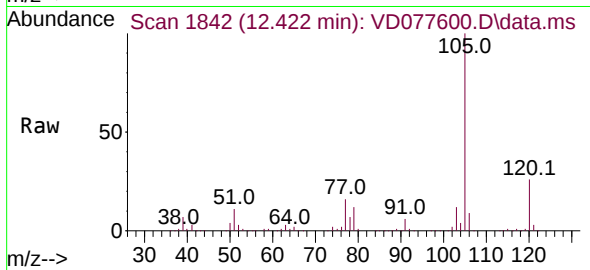




#60
Isopropylbenzene
Concen: 24.060 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

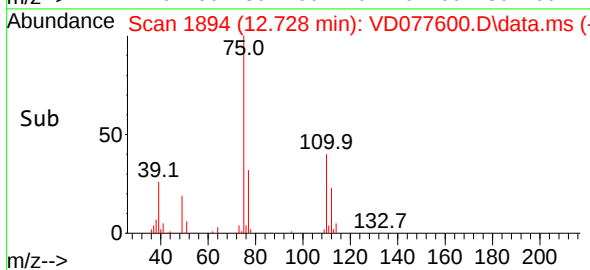
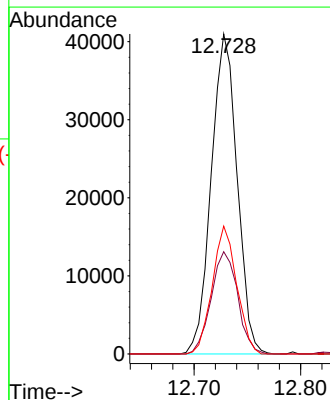
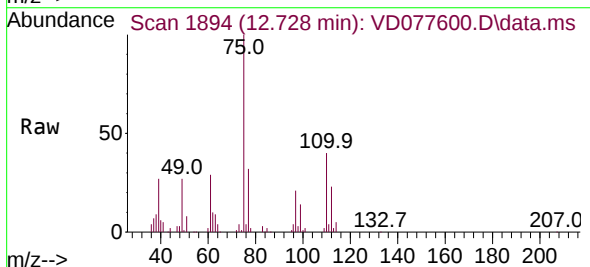
Instrument :
MSVOA_D
ClientSampleId :

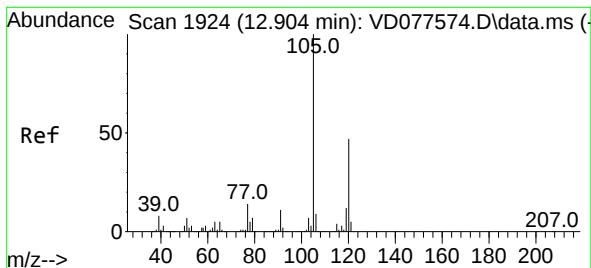
Tgt Ion:105 Resp: 530984
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 16.5 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.773 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 75 Resp: 69090
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
110 37.7 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 23.852 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

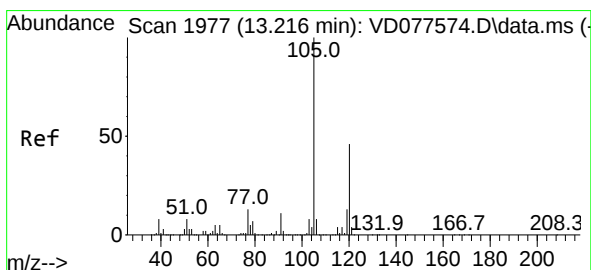
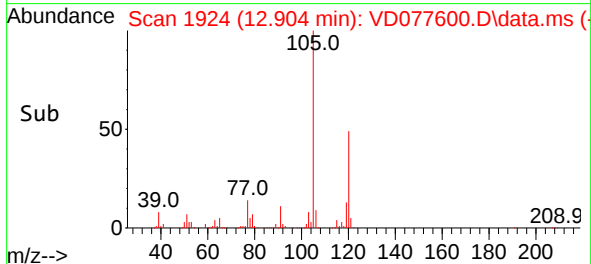
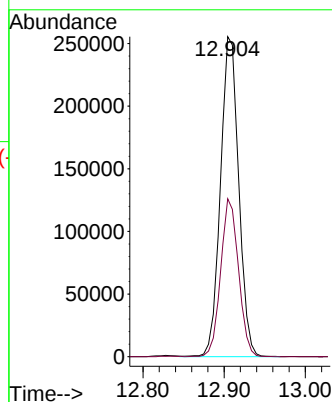
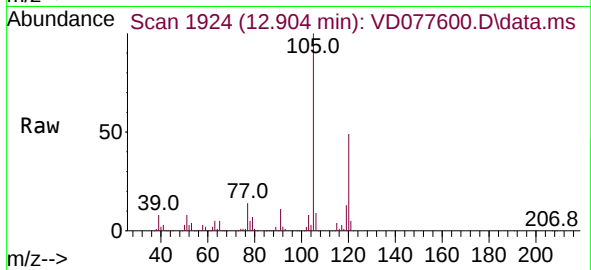
ClientSampleId :

Tgt Ion:105 Resp: 399503

Ion Ratio Lower Upper

105 100

120 48.0 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 24.142 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD077600.D

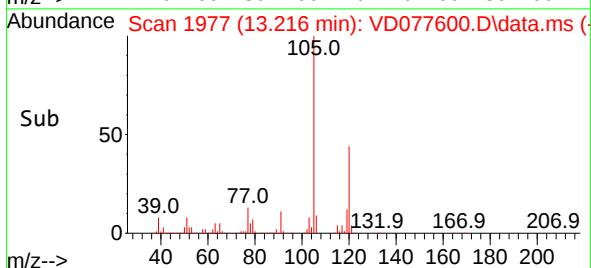
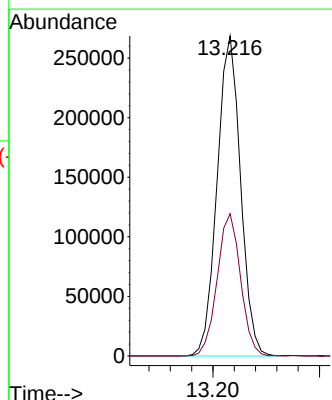
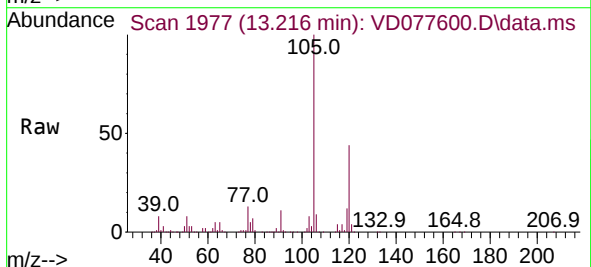
Acq: 17 Nov 2023 08:43

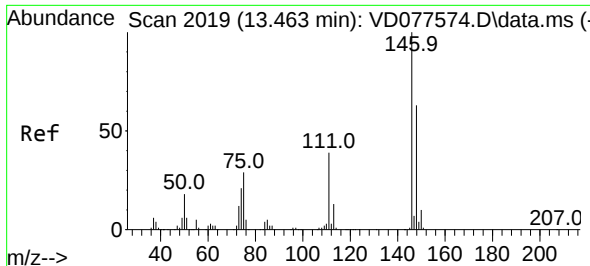
Tgt Ion:105 Resp: 409614

Ion Ratio Lower Upper

105 100

120 44.3 35.6 53.4

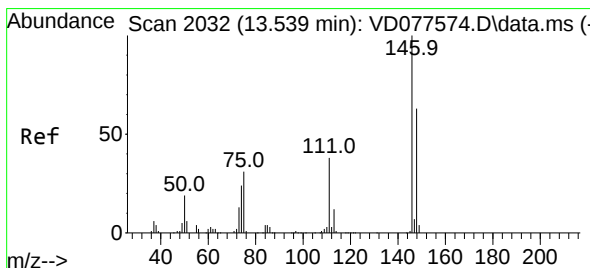
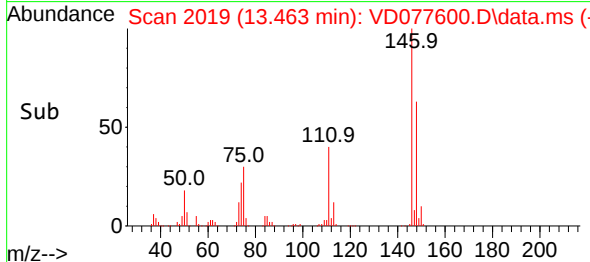
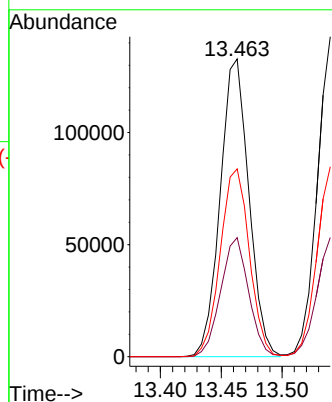
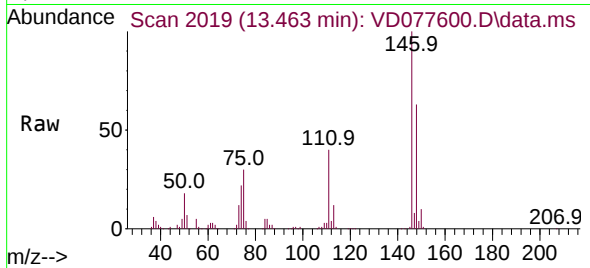




#64
1,3-Dichlorobenzene
Concen: 24.073 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

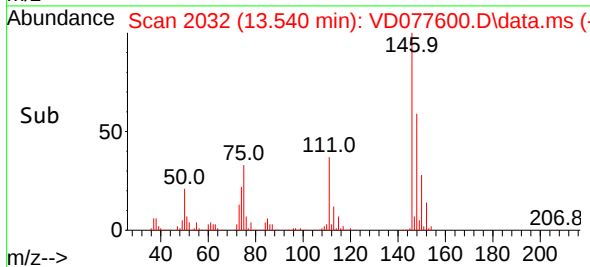
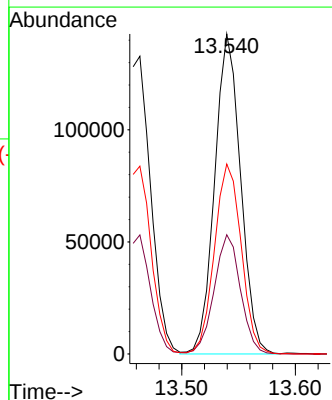
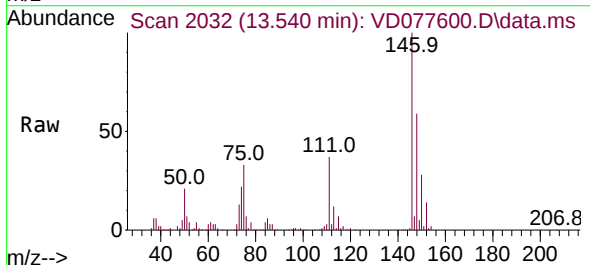
Instrument :
MSVOA_D
ClientSampleId :

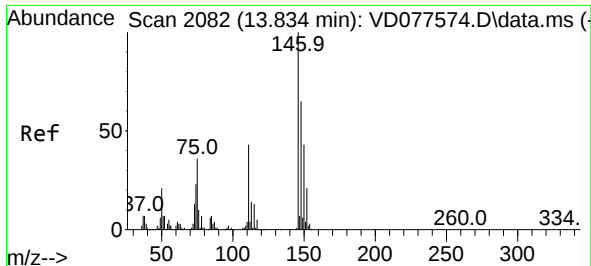
Tgt Ion:146 Resp: 217949
Ion Ratio Lower Upper
146 100
111 40.0 27.2 50.6
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.811 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion:146 Resp: 226702
Ion Ratio Lower Upper
146 100
111 37.2 25.6 47.4
148 59.3 44.1 81.9

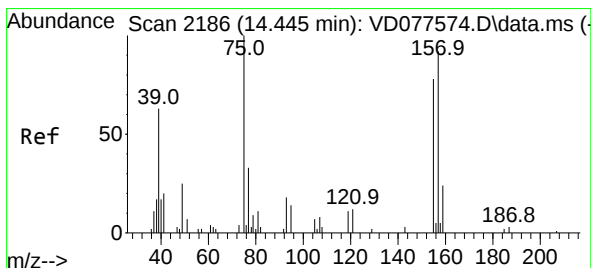
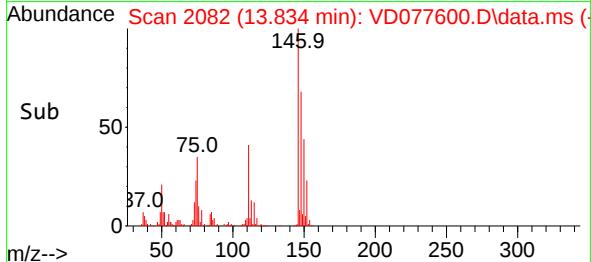
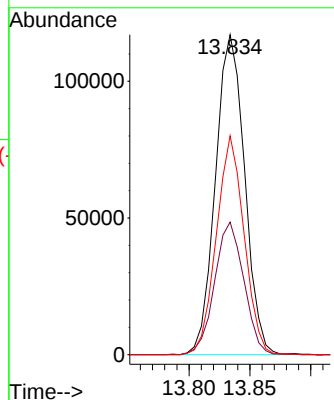
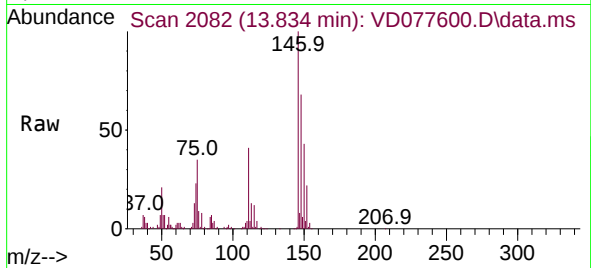




#67
1,2-Dichlorobenzene
Concen: 24.367 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

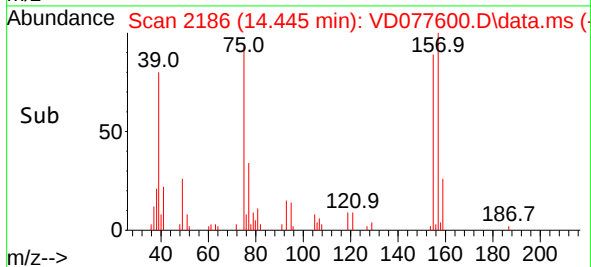
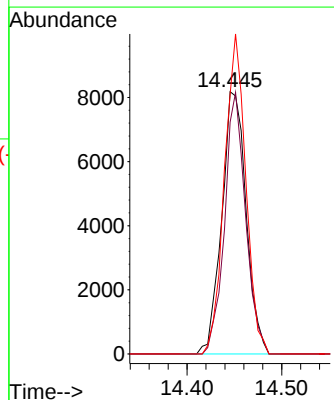
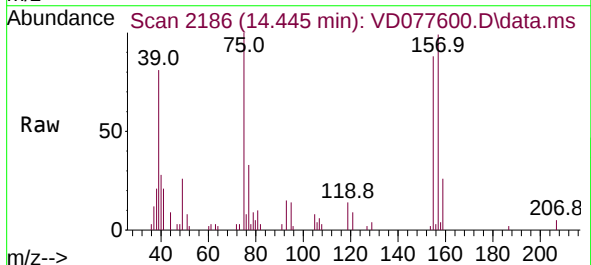
Instrument :
MSVOA_D
ClientSampleId :

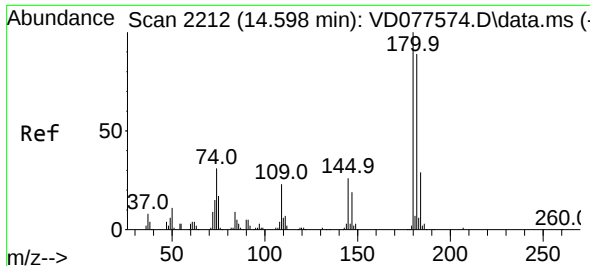
Tgt Ion:146 Resp: 195046
Ion Ratio Lower Upper
146 100
111 41.5 33.8 50.6
148 68.4 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.075 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077600.D
Acq: 17 Nov 2023 08:43

Tgt Ion: 75 Resp: 14587
Ion Ratio Lower Upper
75 100
155 88.4 58.2 87.2#
157 98.9 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 23.942 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.006 min

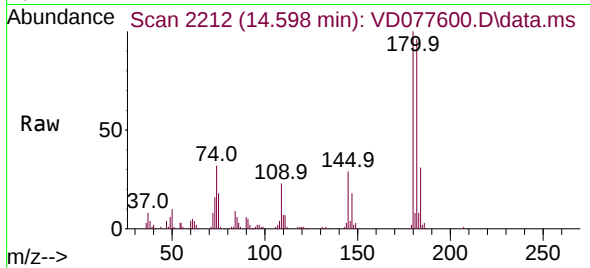
Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 147596

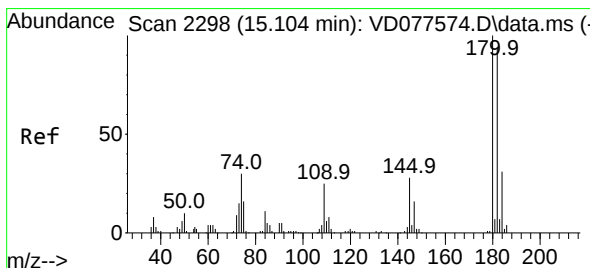
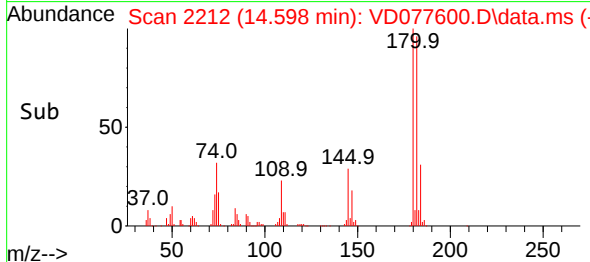
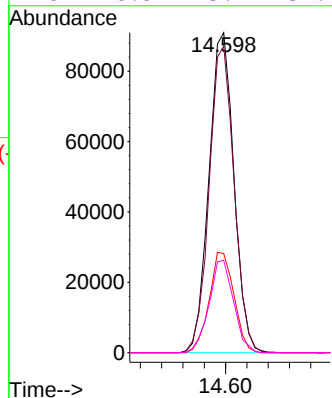
Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

184 31.1 24.0 36.0

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 23.931 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

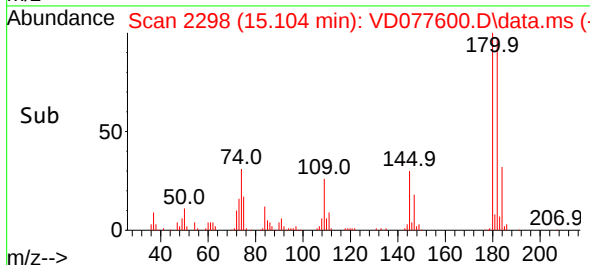
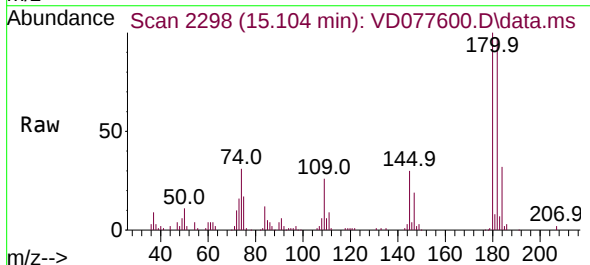
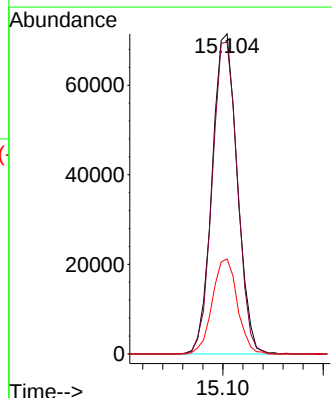
Tgt Ion:180 Resp: 124339

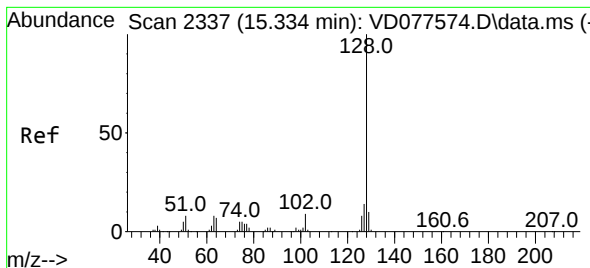
Ion Ratio Lower Upper

180 100

182 97.2 75.8 113.6

145 29.5 24.1 36.1





#71

Naphthalene

Concen: 24.199 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Instrument :

MSVOA_D

ClientSampleId :

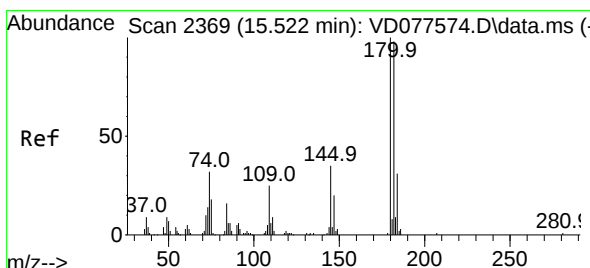
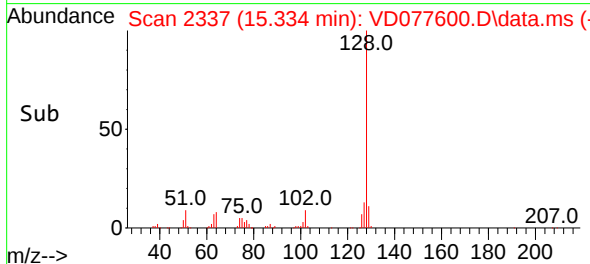
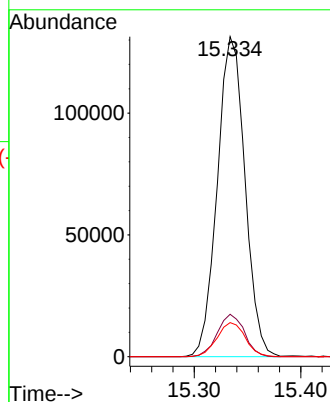
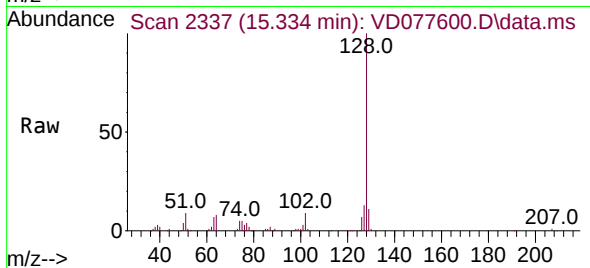
Tgt Ion:128 Resp: 236951

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 24.686 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077600.D

Acq: 17 Nov 2023 08:43

Tgt Ion:180 Resp: 109360

Ion Ratio Lower Upper

180 100

182 96.8 76.8 115.2

145 31.3 26.0 39.0

