

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077655.D
 Acq On : 21 Nov 2023 19:40
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:44:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	238144	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	226420	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	117558	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	157243	25.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.840%	
7) Chloroethane-d5	2.811	69	128834	27.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.280%	
11) 1,1-Dichloroethene-d2	3.922	65	46792	24.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.920%	
21) 2-Butanone-d5	6.987	46	48923	46.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.280%	
24) Chloroform-d	7.569	84	182226	26.489	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.960%	
26) 1,2-Dichloroethane-d4	8.234	65	98578	26.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.760%	
32) Benzene-d6	8.204	84	380425	25.887	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.560%	
36) 1,2-Dichloropropane-d6	9.210	67	116251	24.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.160%	
41) Toluene-d8	10.269	98	346111	26.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.240%	
43) trans-1,3-Dichloroprop...	10.528	79	49807	24.133	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.520%	
47) 2-Hexanone-d5	10.881	63	41179	48.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.180%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84517	26.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.600%	
66) 1,2-Dichlorobenzene-d4	13.816	152	105835	25.306	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	79346	20.689	ug/L	98
3) Chloromethane	2.152	50	111618	20.229	ug/L	98
5) Vinyl chloride	2.287	62	133883	21.497	ug/L	100
6) Bromomethane	2.699	94	79142	23.869	ug/L	96
8) Chloroethane	2.846	64	89284	23.060	ug/L	96
9) Trichlorofluoromethane	3.181	101	131675	23.232	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	82733	23.721	ug/L	99
12) 1,1-Dichloroethene	3.946	96	73356	21.661	ug/L	88
13) Acetone	4.022	43	50573	45.871	ug/L	98
14) Carbon disulfide	4.275	76	217380	17.826	ug/L	99
15) Methyl Acetate	4.564	43	42111	23.217	ug/L #	85
16) Methylene chloride	4.805	84	113510	28.231	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	81044	22.750	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	203348	24.320	ug/L #	87
19) 1,1-Dichloroethane	6.116	63	167887	23.489	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	93437	24.142	ug/L	95
22) 2-Butanone	7.087	43	59314	44.713	ug/L	99
23) Bromochloromethane	7.434	128	38765	24.927	ug/L	92
25) Chloroform	7.599	83	167233	25.469	ug/L	100

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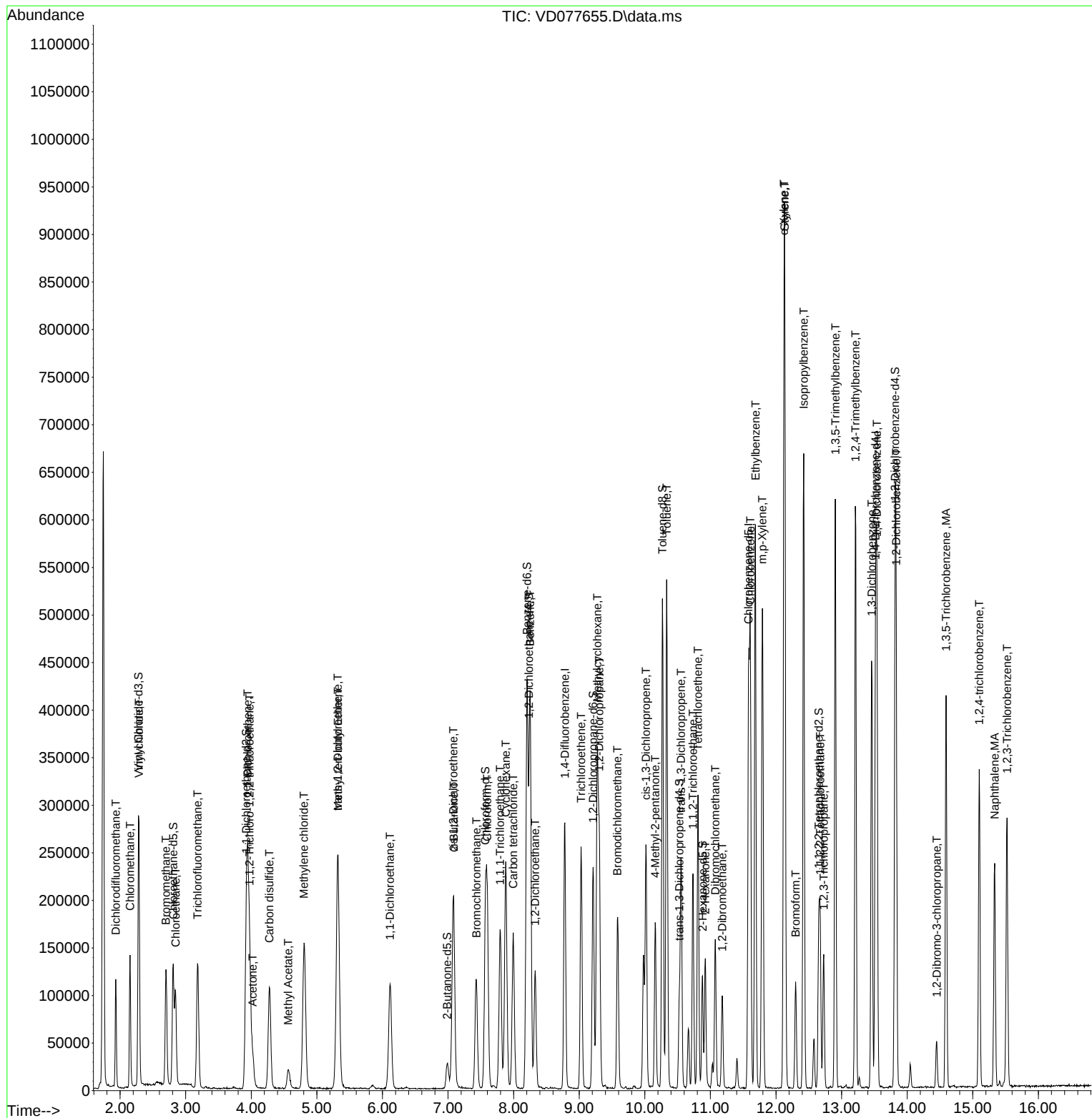
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	110876	25.473	ug/L #	93
29) Cyclohexane	7.881	56	134733	18.327	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	139151	23.476	ug/L	98
31) Carbon tetrachloride	7.993	117	118063	23.177	ug/L	99
33) Benzene	8.252	78	364167	23.193	ug/L	100
34) Trichloroethene	9.028	95	87351	22.452	ug/L	88
35) Methylcyclohexane	9.275	83	142012	20.227	ug/L	96
37) 1,2-Dichloropropane	9.304	63	102178	23.409	ug/L	100
38) Bromodichloromethane	9.581	83	124779	24.922	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	155783	23.225	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	121445	45.656	ug/L	97
42) Toluene	10.334	91	385963	23.413	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	133608	24.107	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	70306	26.350	ug/L	97
46) Tetrachloroethene	10.810	164	67116	23.445	ug/L	95
48) 2-Hexanone	10.922	43	92336	43.794	ug/L	98
49) Dibromochloromethane	11.075	129	77254	25.490	ug/L	98
50) 1,2-Dibromoethane	11.181	107	64044	25.100	ug/L	97
51) Chlorobenzene	11.610	112	239627	24.812	ug/L	95
52) Ethylbenzene	11.687	91	429020	23.652	ug/L	99
53) m,p-Xylene	11.793	106	157399	23.846	ug/L	97
54) o-Xylene	12.122	106	156847	24.811	ug/L	91
55) Styrene	12.134	104	277509	25.141	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	85568	27.223	ug/L	99
59) Bromoform	12.298	173	48806	24.351	ug/L	99
60) Isopropylbenzene	12.422	105	427850	22.500	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	58882	23.514	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	319625	22.148	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	335072	22.921	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	183054	23.465	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	187159	23.773	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	166964	24.208	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.451	75	11829	21.717	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.592	180	126050	23.731	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	102785	22.960	ug/L	98
71) Naphthalene	15.334	128	197394	23.396	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	94493	24.755	ug/L	99

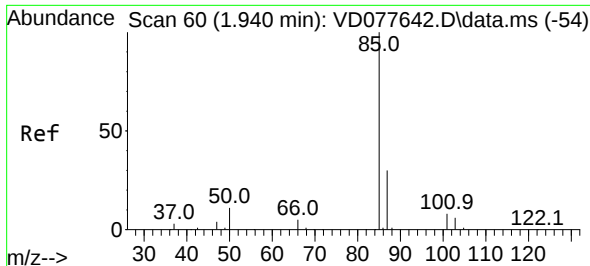
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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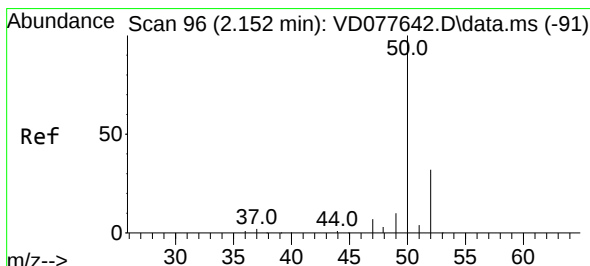
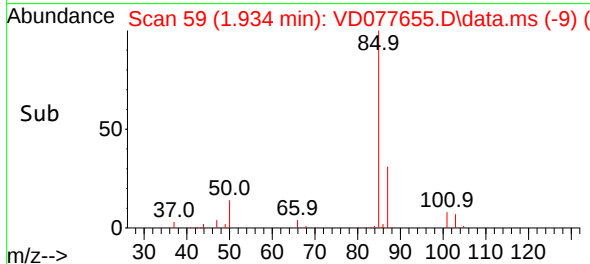
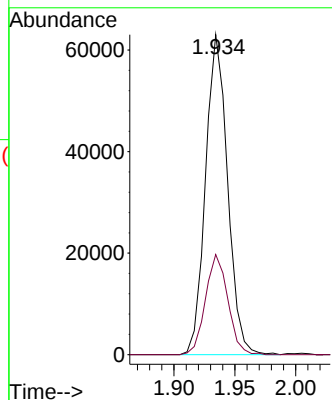
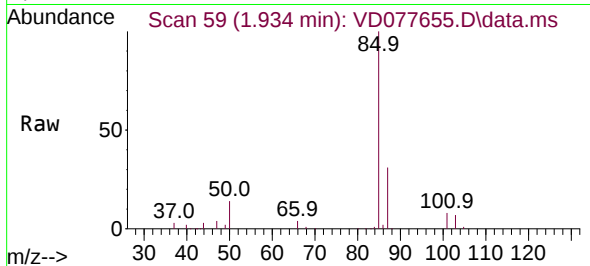




#2
 Dichlorodifluoromethane
 Concen: 20.689 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

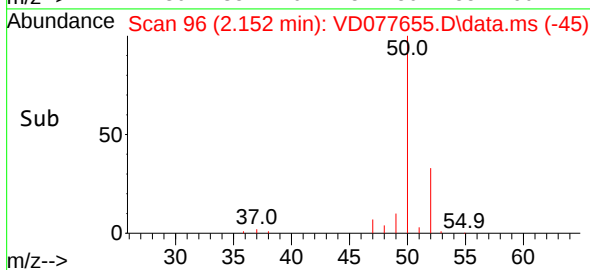
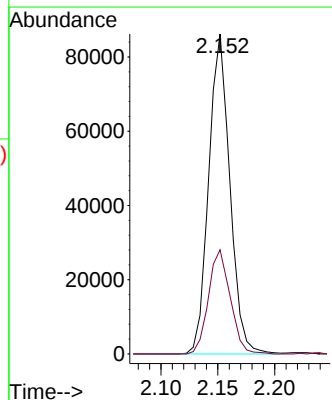
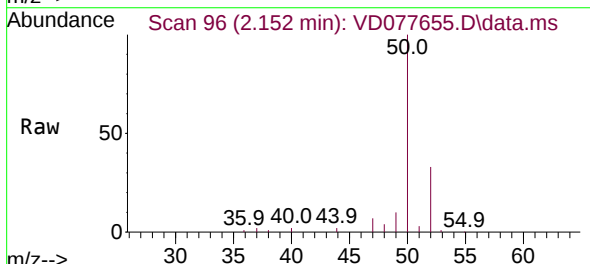
Instrument :
 MSVOA_D
 ClientSampleId :

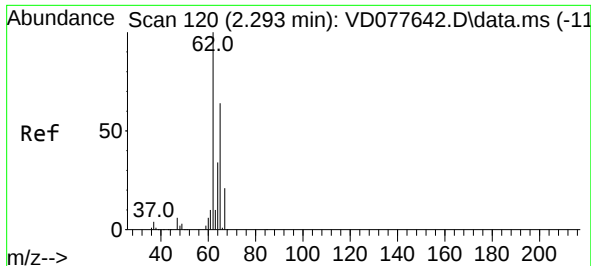
Tgt Ion: 85 Resp: 79346
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.2



#3
 Chloromethane
 Concen: 20.229 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

Tgt Ion: 50 Resp: 111618
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.1 41.1

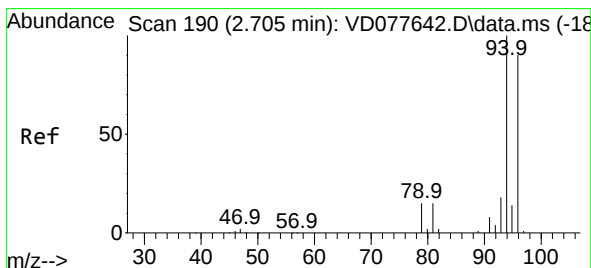
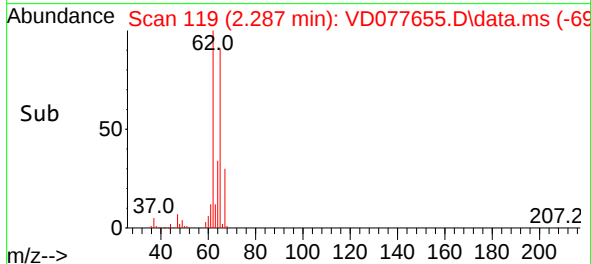
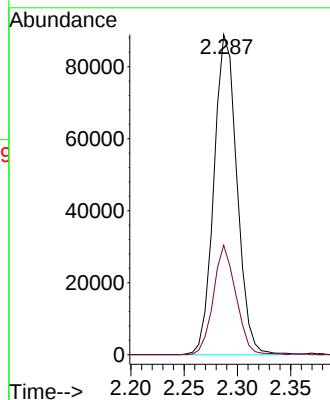
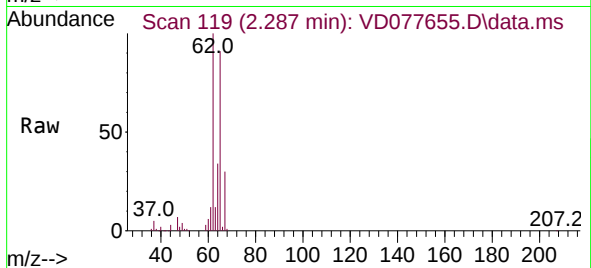




#5
 Vinyl chloride
 Concen: 21.497 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

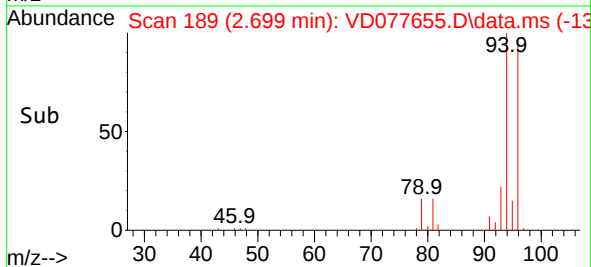
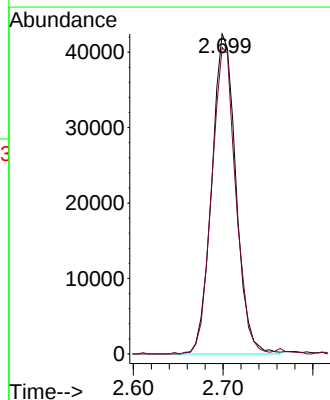
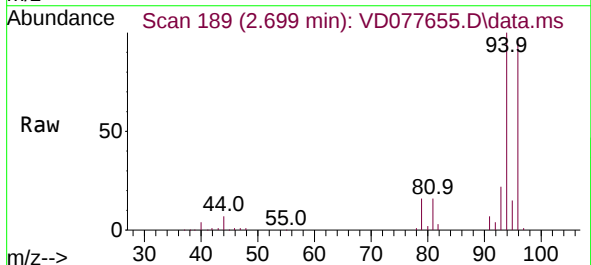
Instrument :
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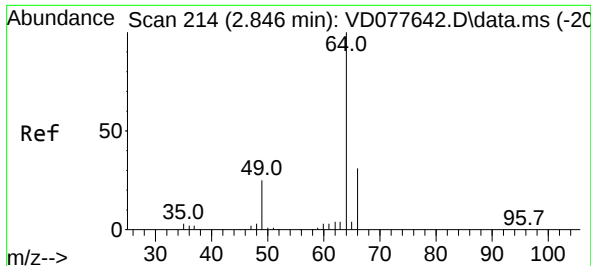
Tgt Ion: 62 Resp: 133883
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.9 44.5



#6
 Bromomethane
 Concen: 23.869 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

Tgt Ion: 94 Resp: 79142
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.5 119.9

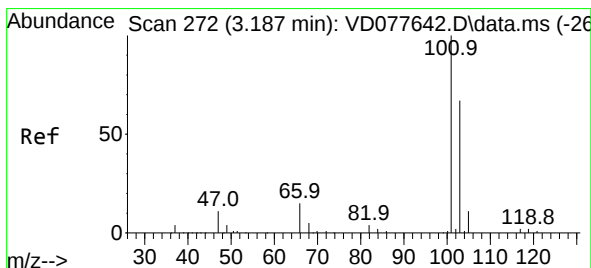
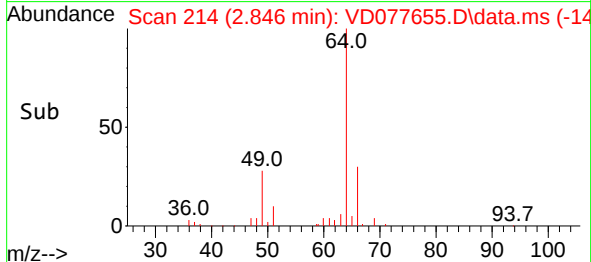
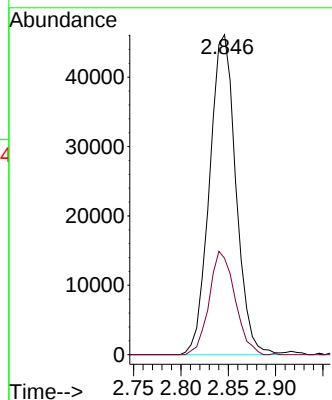
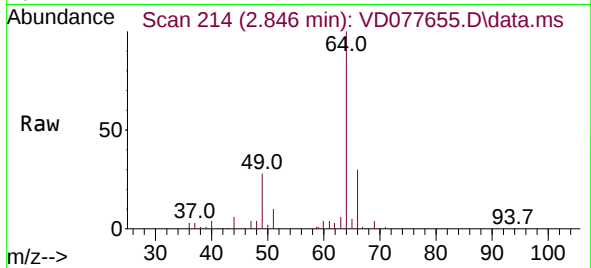




#8
Chloroethane
Concen: 23.060 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

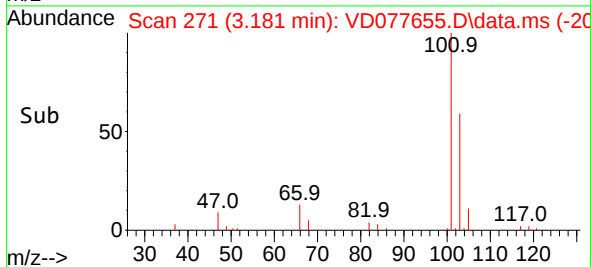
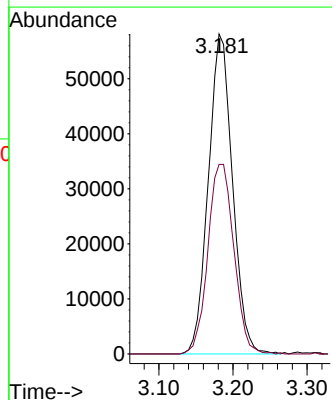
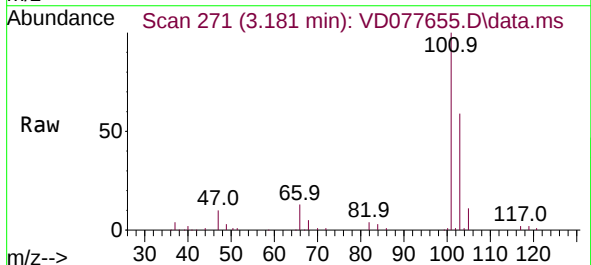
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MSVOA_D
ClientSampleId :

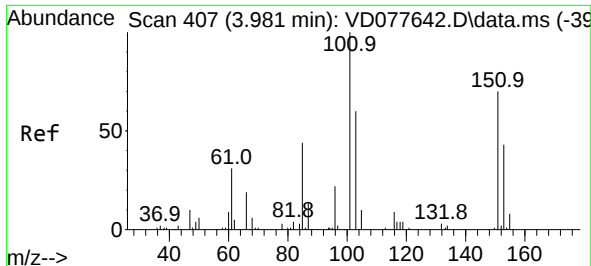
Tgt Ion: 64 Resp: 89284
Ion Ratio Lower Upper
64 100
66 30.2 19.8 36.8



#9
Trichlorofluoromethane
Concen: 23.232 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion:101 Resp: 131675
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

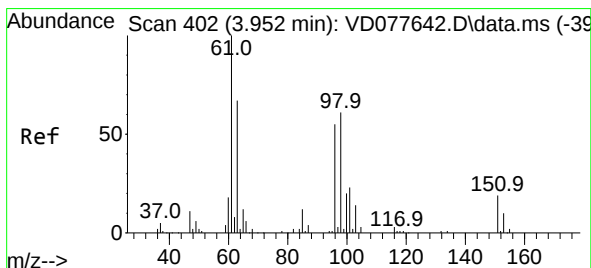
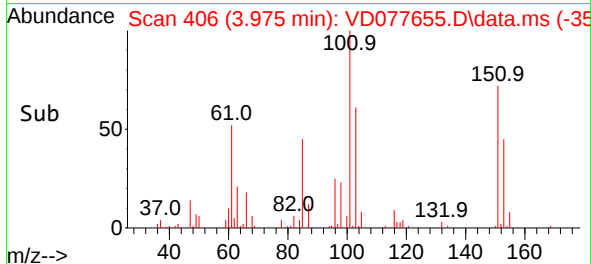
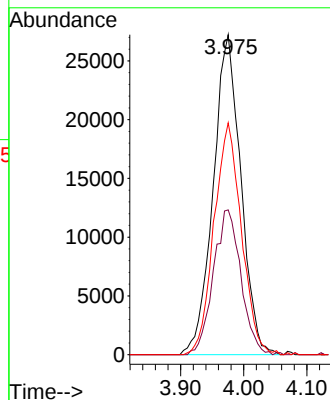
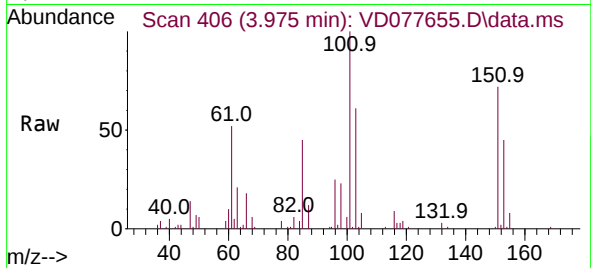




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.721 ug/L
 RT: 3.975 min Scan# 407
 Delta R.T. -0.006 min
 Lab File: VD077655.D
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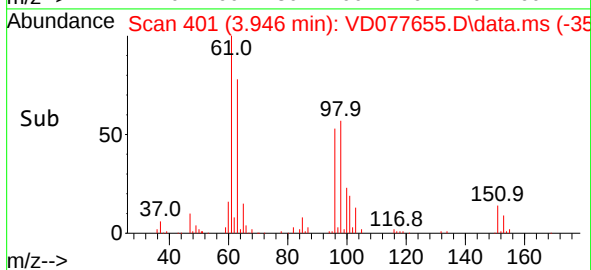
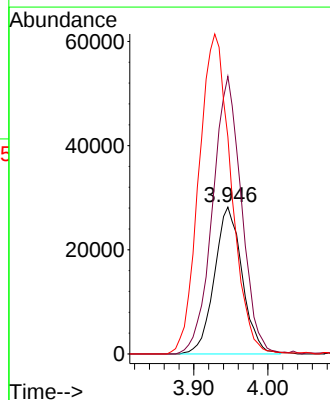
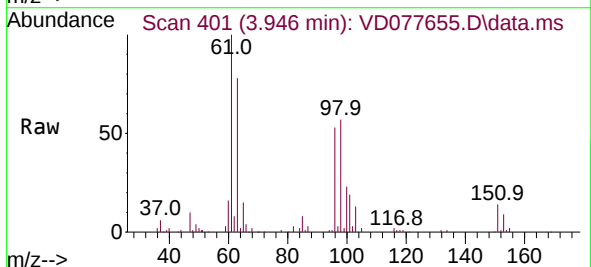
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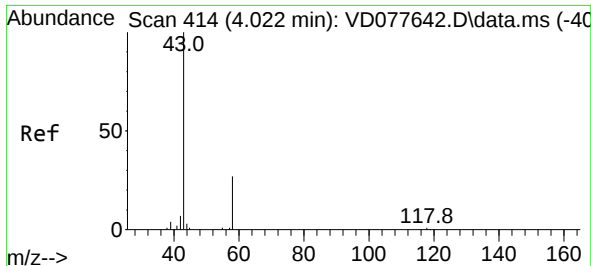
Tgt Ion:101 Resp: 82733
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.8 55.2
 151 71.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 21.661 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

Tgt Ion: 96 Resp: 73356
 Ion Ratio Lower Upper
 96 100
 61 189.0 127.5 236.9
 63 147.9 86.4 160.4





#13

Acetone

Concen: 45.871 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

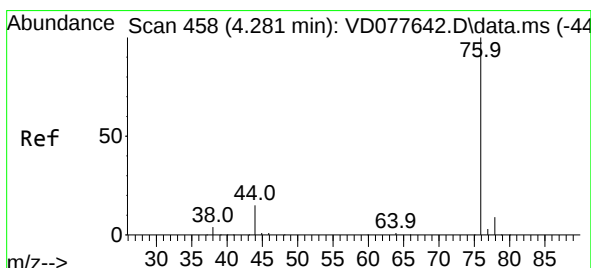
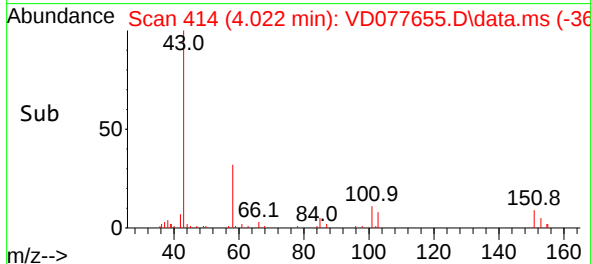
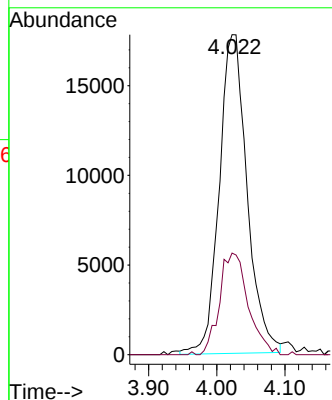
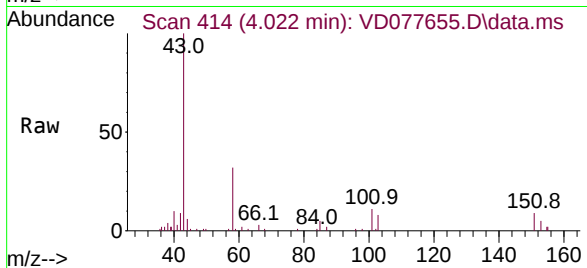
ClientSampleId :

Tgt Ion: 43 Resp: 50573

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.0



#14

Carbon disulfide

Concen: 17.826 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.006 min

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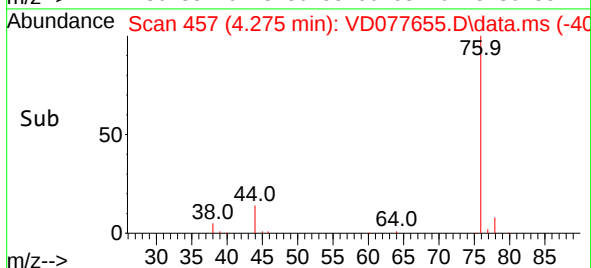
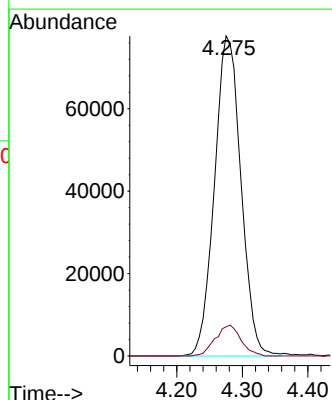
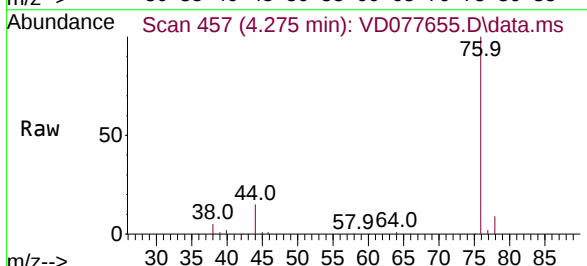
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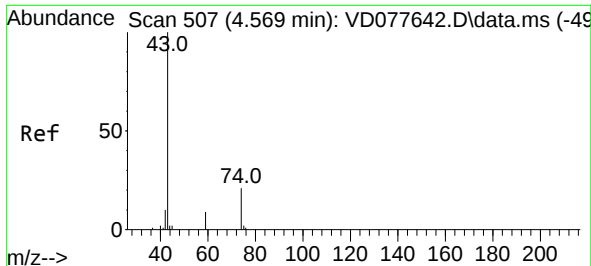
Tgt Ion: 76 Resp: 217380

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3

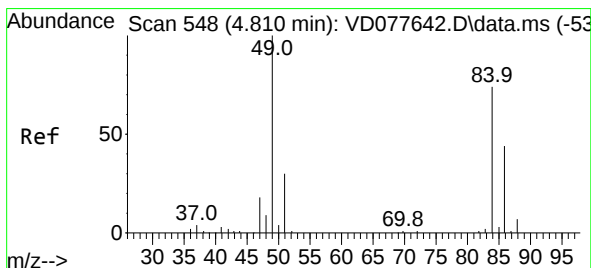
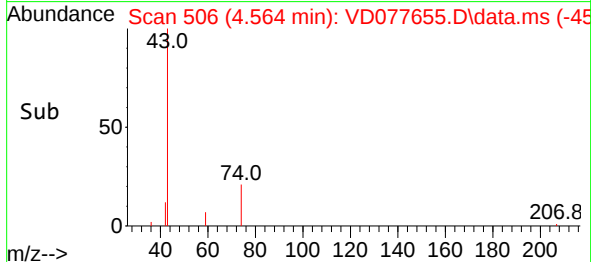
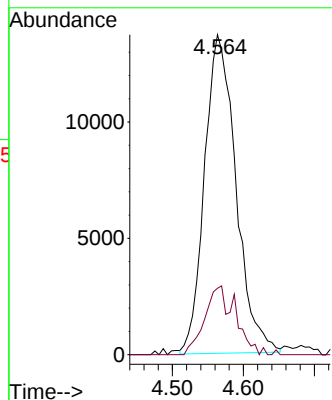
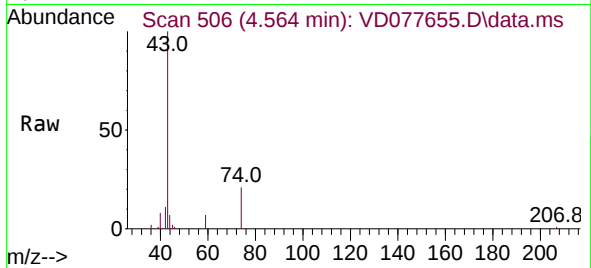




#15
Methyl Acetate
Concen: 23.217 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

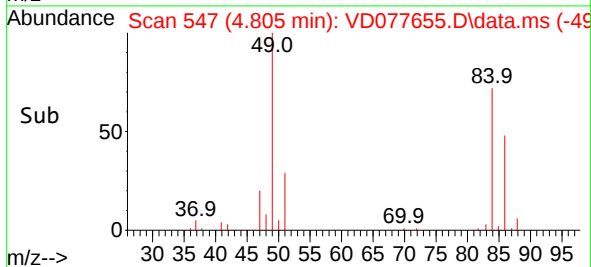
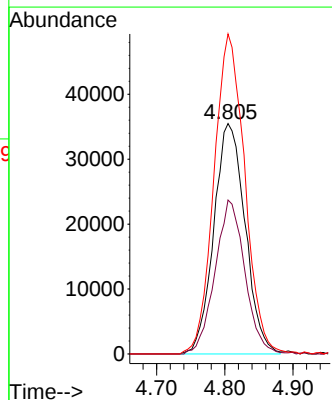
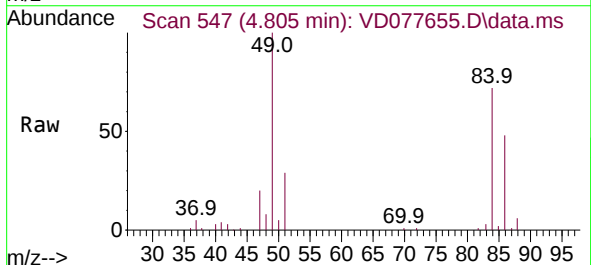
Instrument :
MSVOA_D
ClientSampleId :

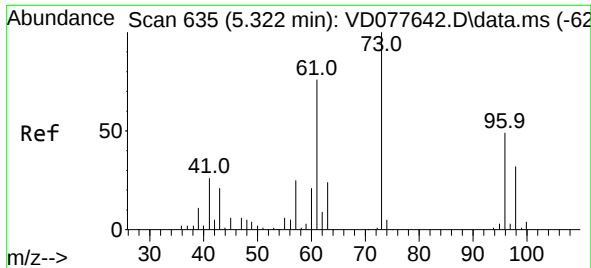
Tgt Ion: 43 Resp: 42111
Ion Ratio Lower Upper
43 100
74 13.9 16.6 24.8#



#16
Methylene chloride
Concen: 28.231 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 84 Resp: 113510
Ion Ratio Lower Upper
84 100
86 66.8 46.5 86.5
49 138.9 98.3 182.7

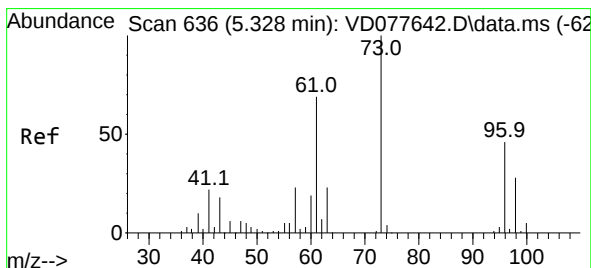
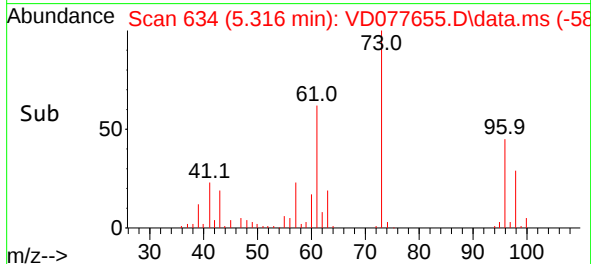
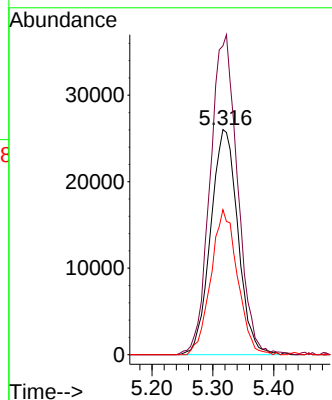
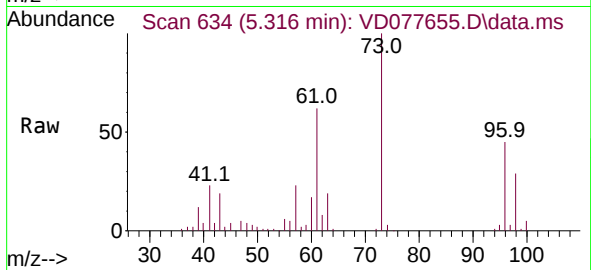




#17
trans-1,2-Dichloroethene
Concen: 22.750 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

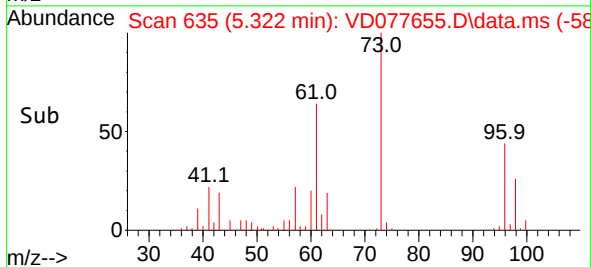
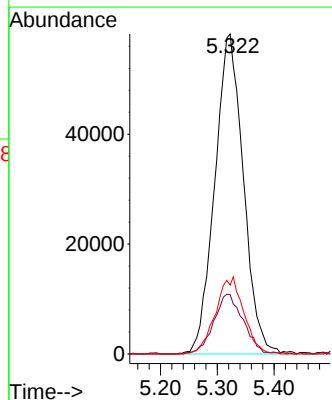
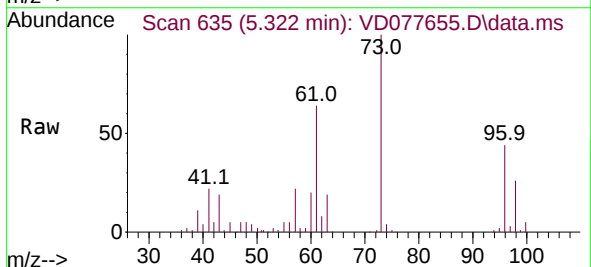
Instrument :
MSVOA_D
ClientSampleId :

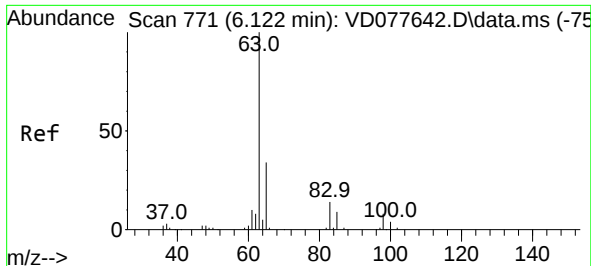
Tgt Ion: 96 Resp: 81044
Ion Ratio Lower Upper
96 100
61 137.2 104.0 193.2
98 64.4 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 24.320 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 73 Resp: 203348
Ion Ratio Lower Upper
73 100
43 19.1 16.4 24.6
57 13.2 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 23.489 ug/L

RT: 6.116 min Scan# 771

Delta R.T. -0.006 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

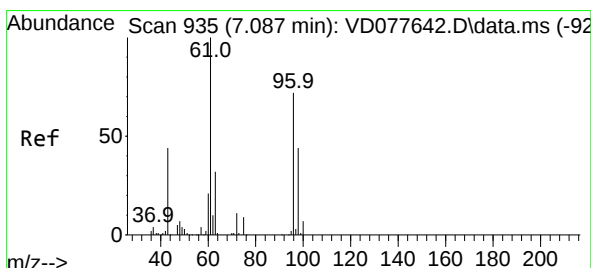
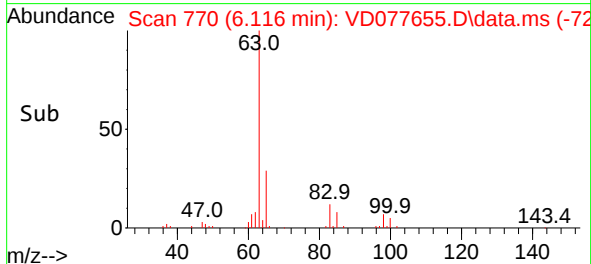
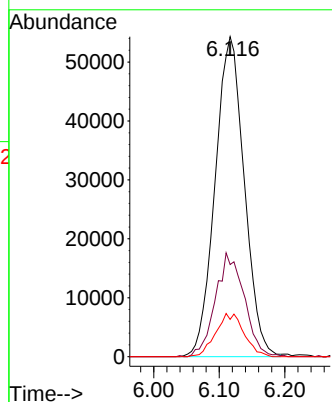
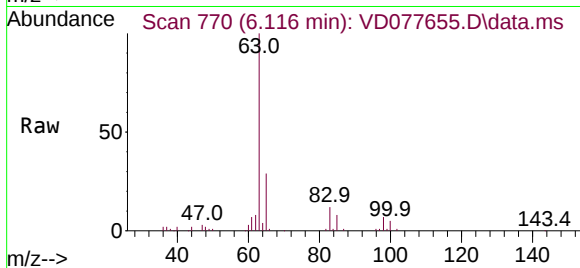
Tgt Ion: 63 Resp: 167887

Ion Ratio Lower Upper

63 100

65 28.8 22.6 42.0

83 11.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.142 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

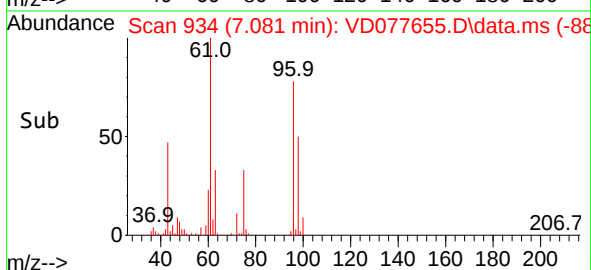
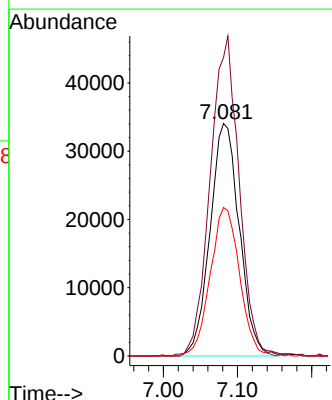
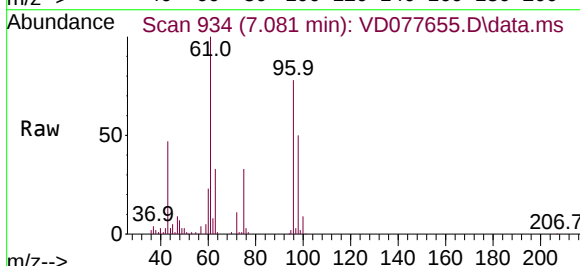
Tgt Ion: 96 Resp: 93437

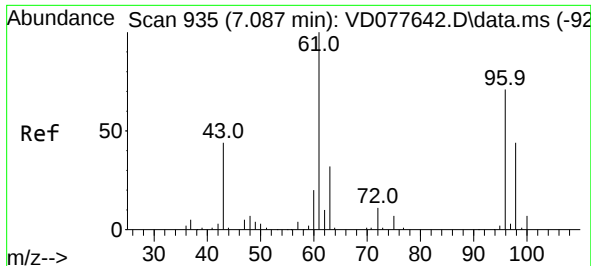
Ion Ratio Lower Upper

96 100

61 128.4 95.0 176.4

98 63.9 43.1 80.1

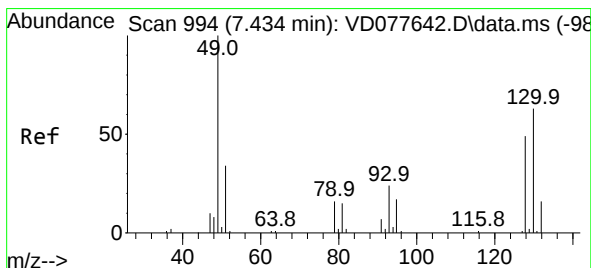
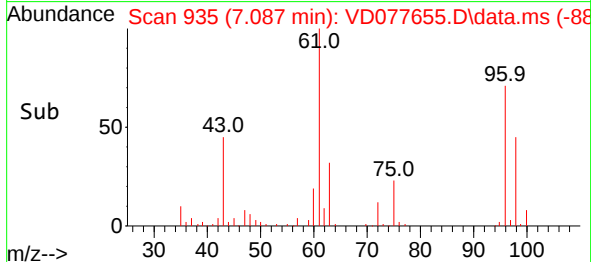
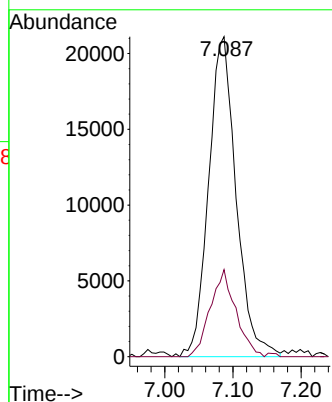
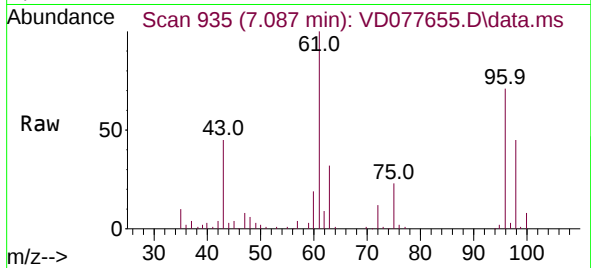




#22
2-Butanone
Concen: 44.713 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

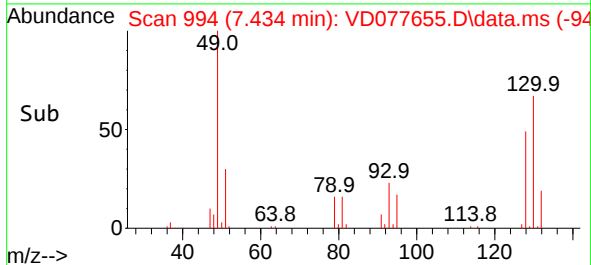
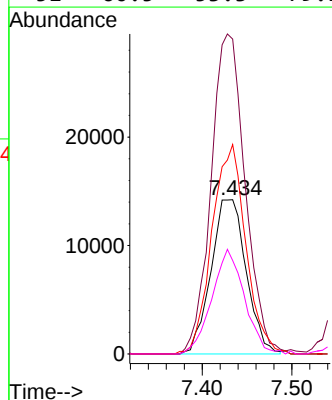
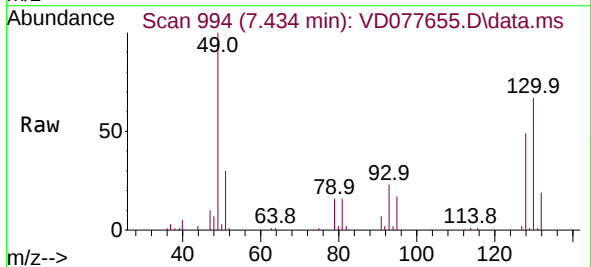
Instrument :
MSVOA_D
ClientSampleId :

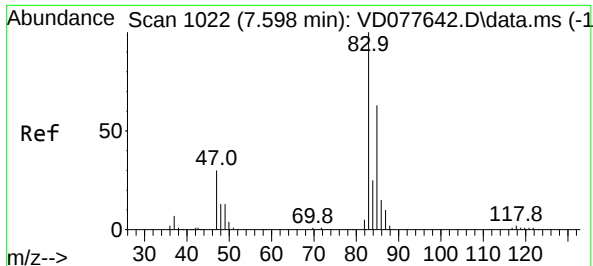
Tgt Ion: 43 Resp: 59314
Ion Ratio Lower Upper
43 100
72 25.1 12.8 38.4



#23
Bromochloromethane
Concen: 24.927 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion:128 Resp: 38765
Ion Ratio Lower Upper
128 100
49 204.2 146.7 272.5
130 135.8 83.2 154.6
51 60.5 53.3 79.9





#25

Chloroform

Concen: 25.469 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

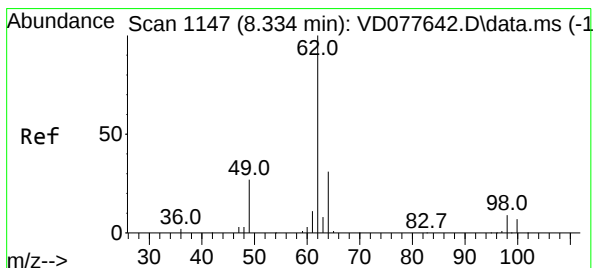
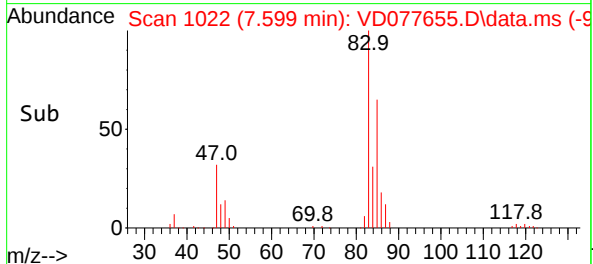
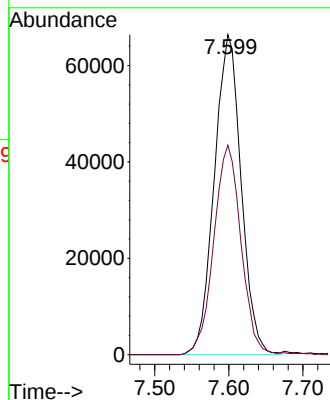
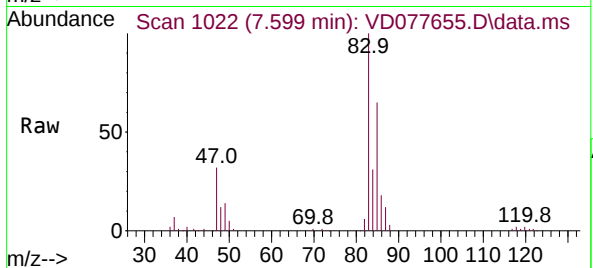
ClientSampleId :

Tgt Ion: 83 Resp: 167233

Ion Ratio Lower Upper

83 100

85 65.4 45.9 85.3



#27

1,2-Dichloroethane

Concen: 25.473 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD077655.D

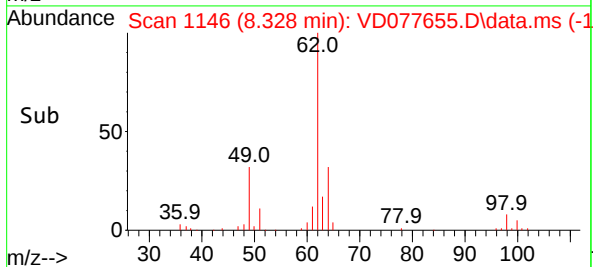
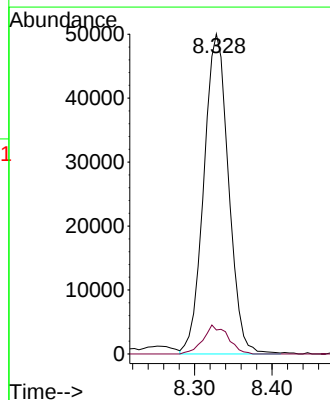
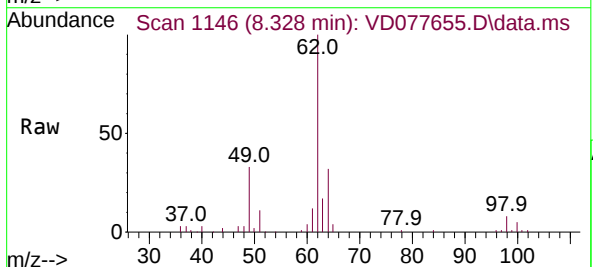
Acq: 21 Nov 2023 19:40

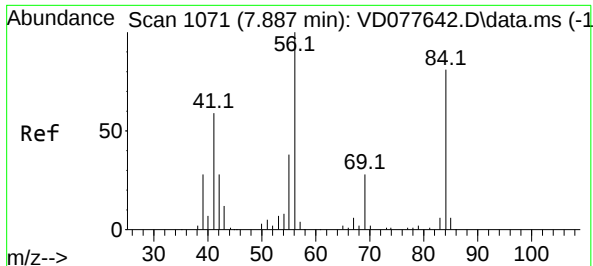
Tgt Ion: 62 Resp: 110876

Ion Ratio Lower Upper

62 100

98 7.5 8.0 12.0#





#29

Cyclohexane

Concen: 18.327 ug/L

RT: 7.881 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

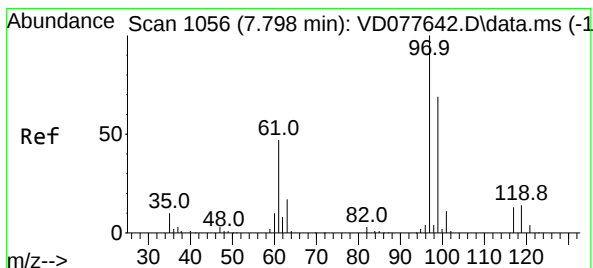
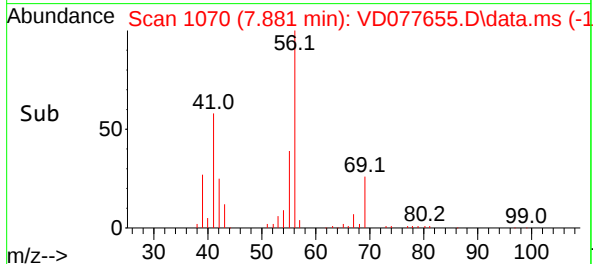
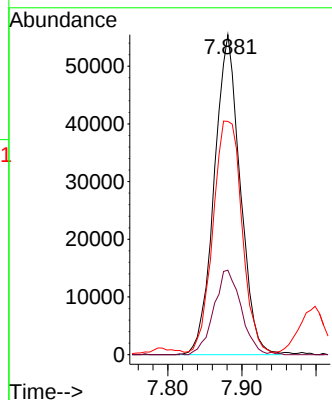
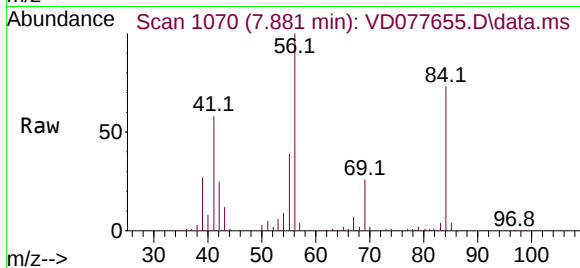
Tgt Ion: 56 Resp: 134733

Ion Ratio Lower Upper

56 100

69 27.7 22.6 33.8

84 82.3 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 23.476 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

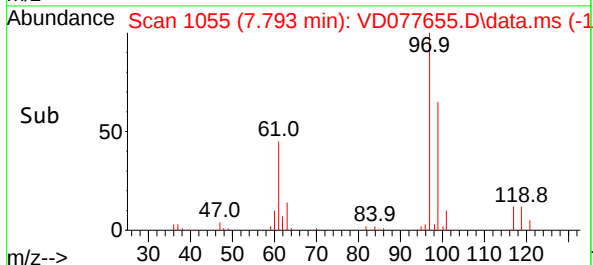
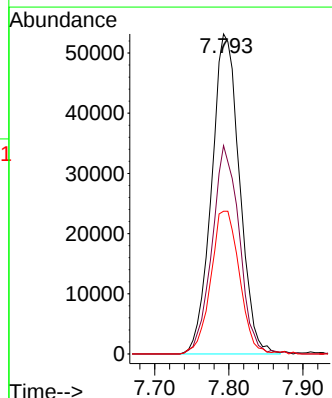
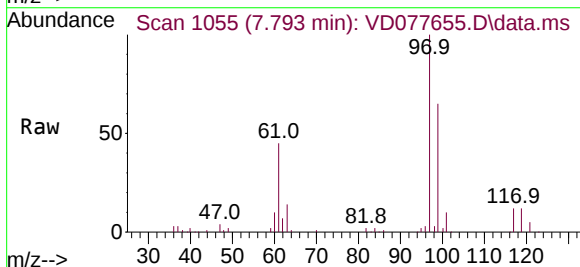
Tgt Ion: 97 Resp: 139151

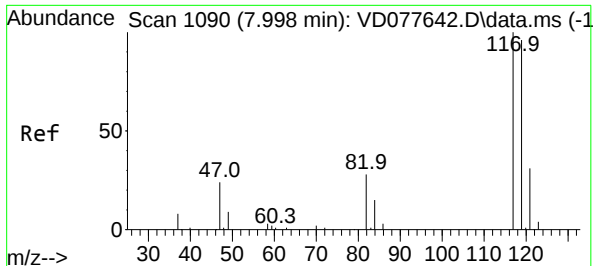
Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.2

61 45.6 38.1 57.1

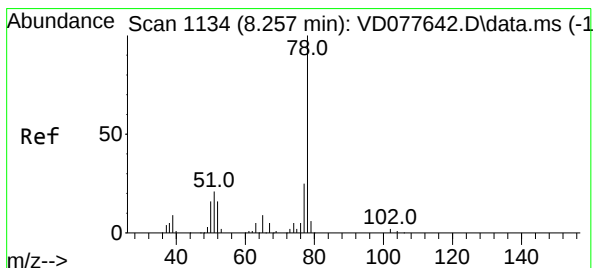
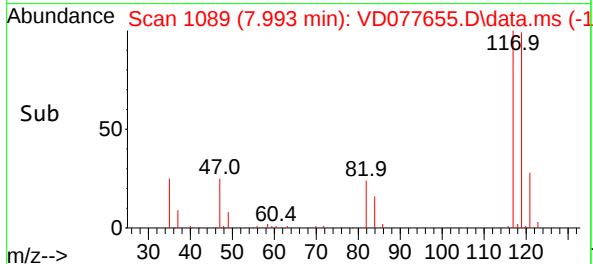
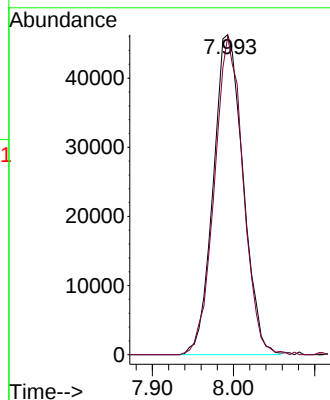
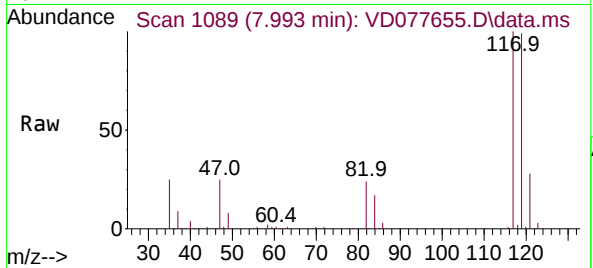




#31
Carbon tetrachloride
Concen: 23.177 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

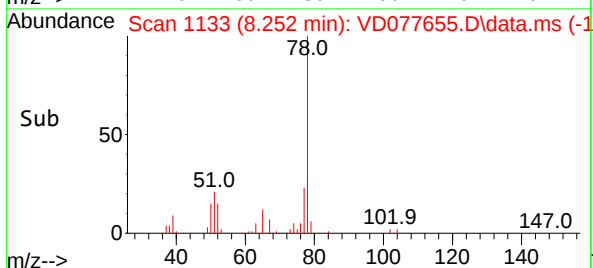
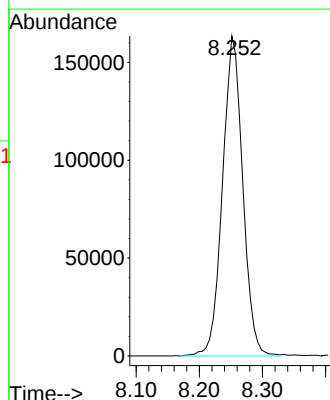
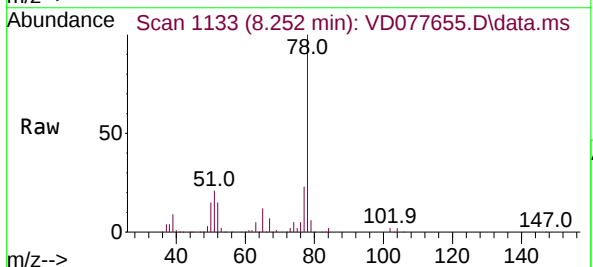
Instrument :
MSVOA_D
ClientSampleId :

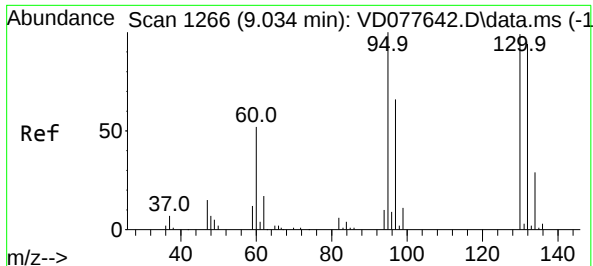
Tgt Ion:117 Resp: 118063
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0



#33
Benzene
Concen: 23.193 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 78 Resp: 364167

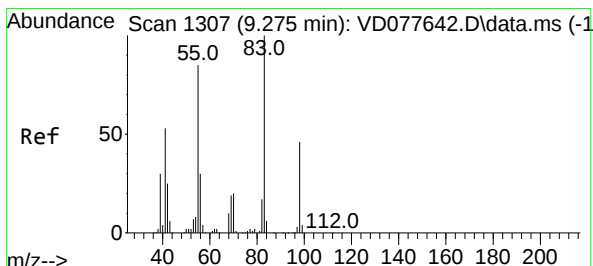
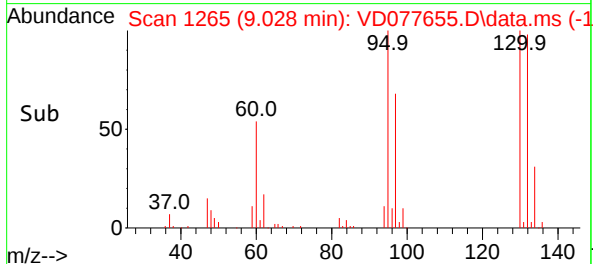
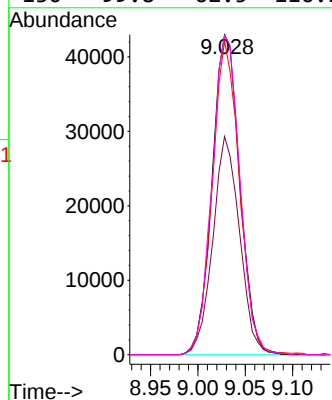
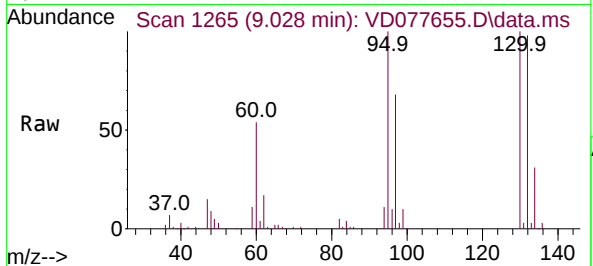




#34
Trichloroethene
Concen: 22.452 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

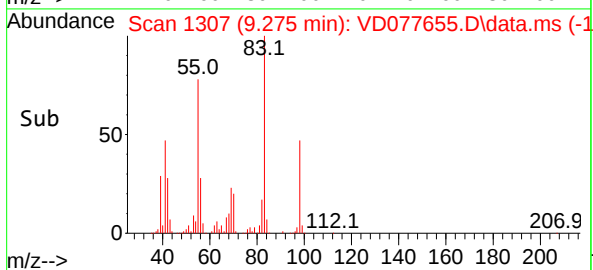
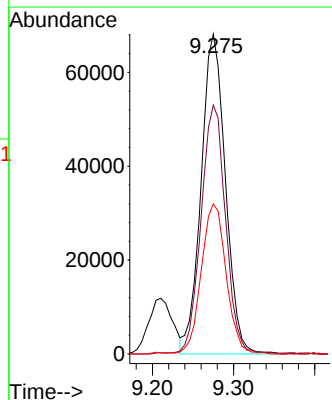
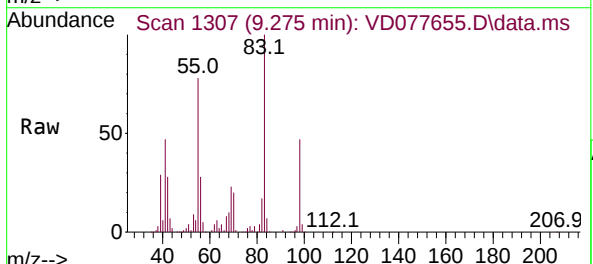
Instrument :
MSVOA_D
ClientSampleId :

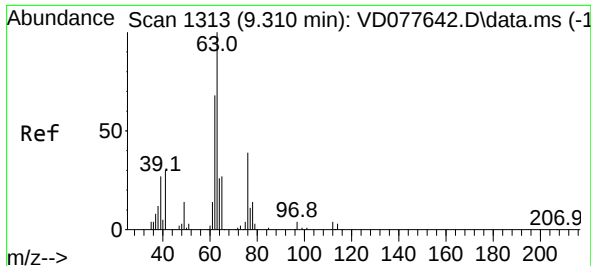
Tgt Ion: 95 Resp: 87351
Ion Ratio Lower Upper
95 100
97 68.2 42.4 78.6
132 98.0 59.4 110.2
130 99.8 62.5 116.1



#35
Methylcyclohexane
Concen: 20.227 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 83 Resp: 142012
Ion Ratio Lower Upper
83 100
55 78.1 66.5 99.7
98 47.9 37.4 56.2

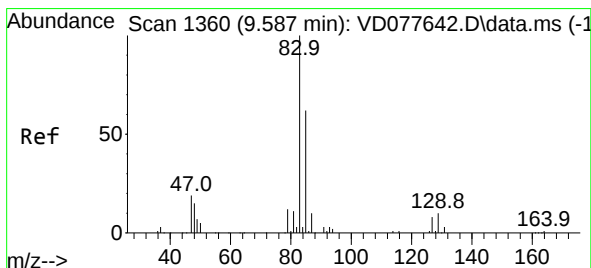
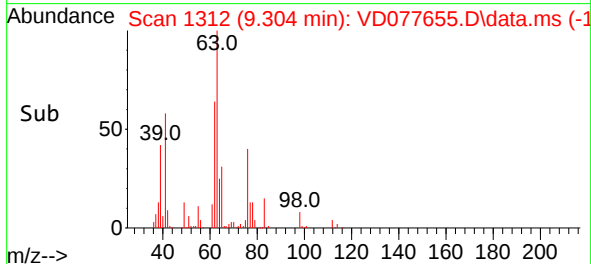
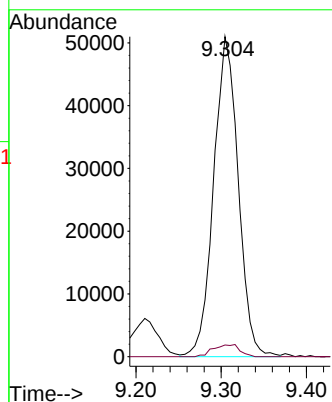
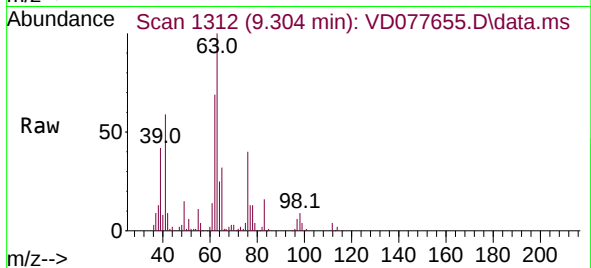




#37
1,2-Dichloropropane
Concen: 23.409 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

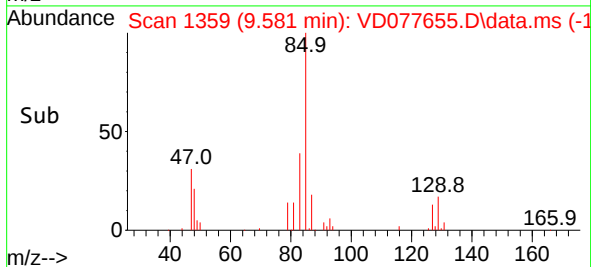
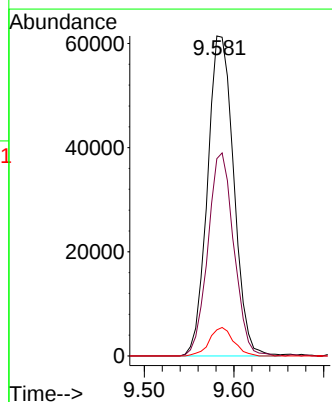
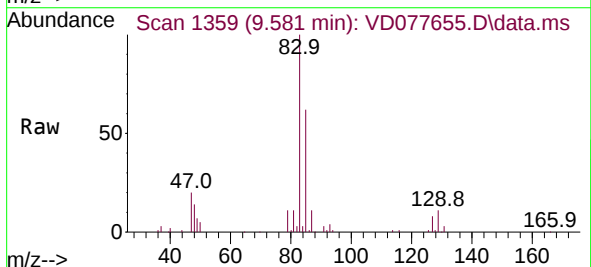
Instrument :
MSVOA_D
ClientSampleId :

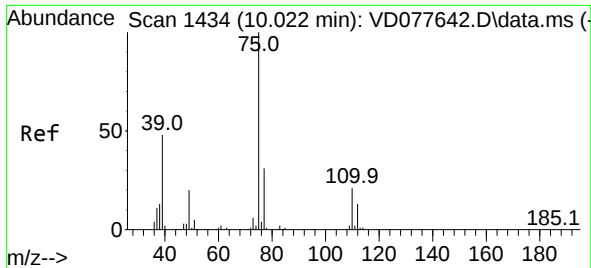
Tgt Ion: 63 Resp: 102178
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 24.922 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 83 Resp: 124779
Ion Ratio Lower Upper
83 100
85 61.7 42.4 78.8
127 8.2 6.4 9.6

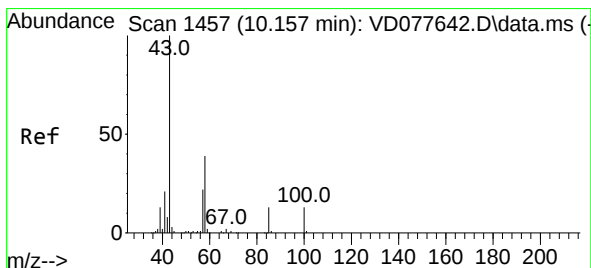
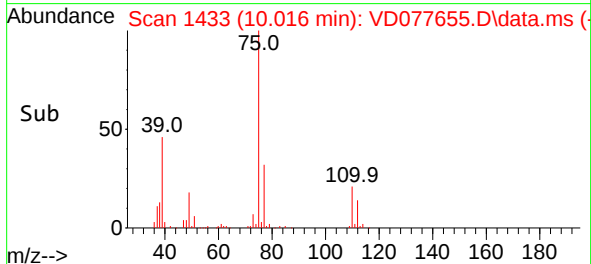
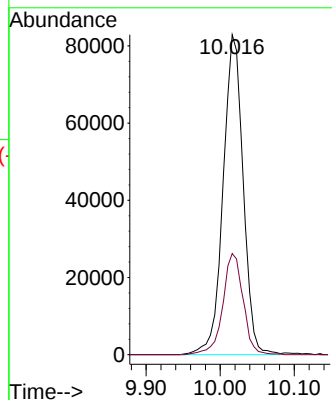
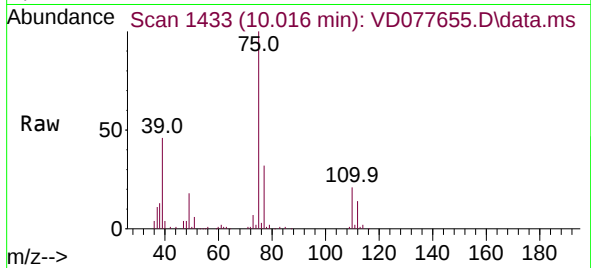




#39
 cis-1,3-Dichloropropene
 Concen: 23.225 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

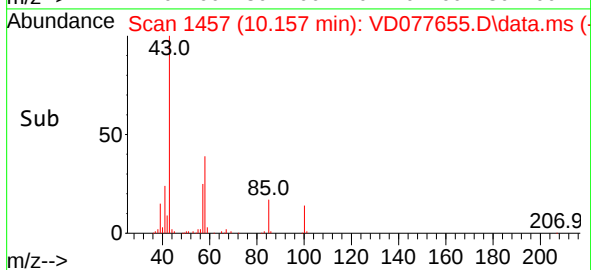
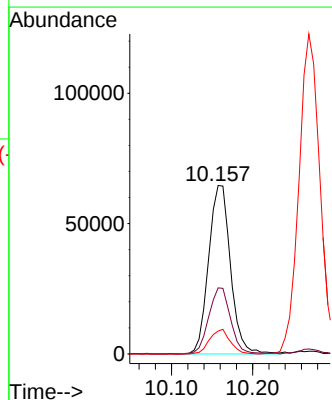
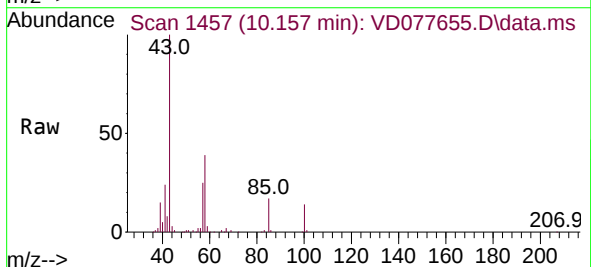
Instrument :
 MSVOA_D
 ClientSampleId :

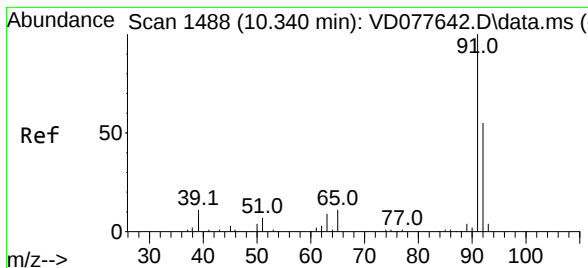
Tgt Ion: 75 Resp: 155783
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 45.656 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD077655.D
 Acq: 21 Nov 2023 19:40

Tgt Ion: 43 Resp: 121445
 Ion Ratio Lower Upper
 43 100
 58 38.9 29.8 44.8
 100 13.6 9.5 14.3





#42

Toluene

Concen: 23.413 ug/L

RT: 10.334 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

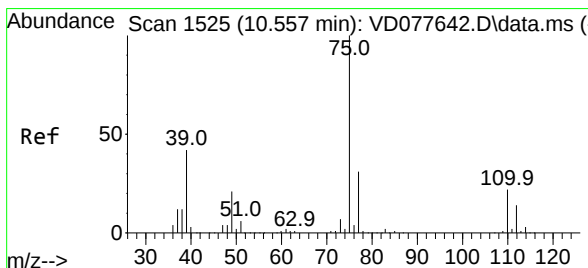
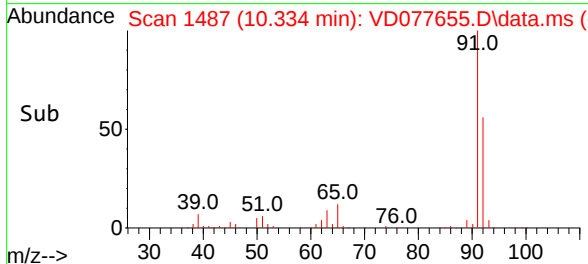
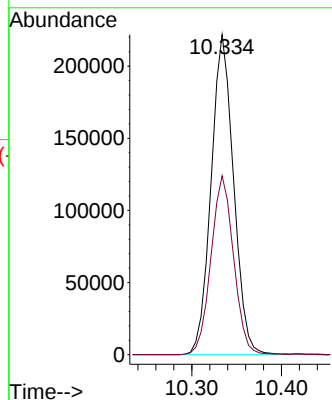
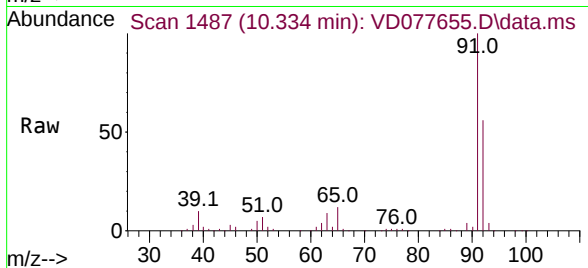
ClientSampleId :

Tgt Ion: 91 Resp: 385963

Ion Ratio Lower Upper

91 100

92 55.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.107 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD077655.D

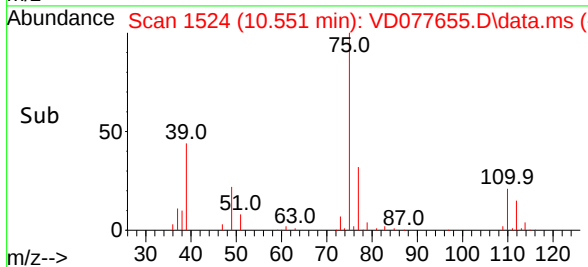
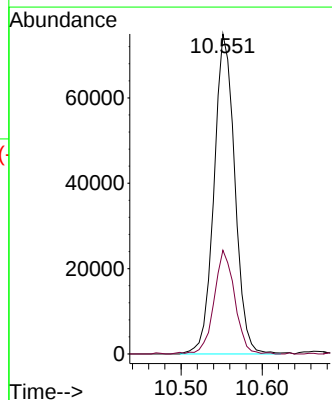
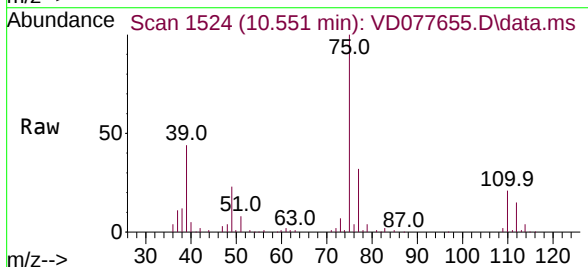
Acq: 21 Nov 2023 19:40

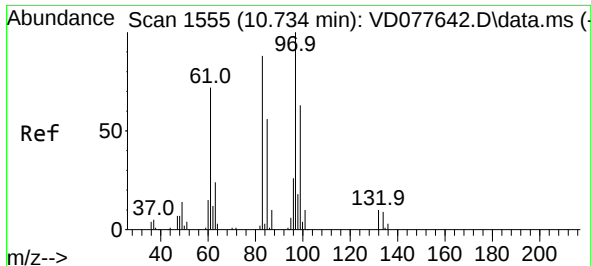
Tgt Ion: 75 Resp: 133608

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5

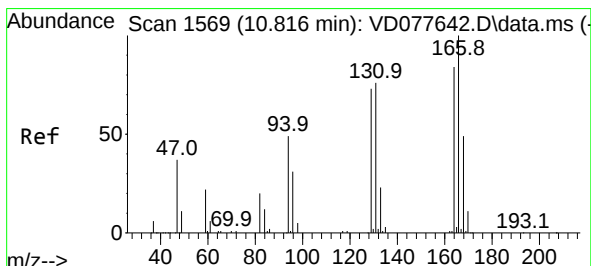
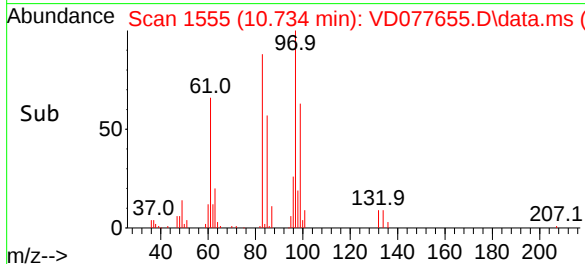
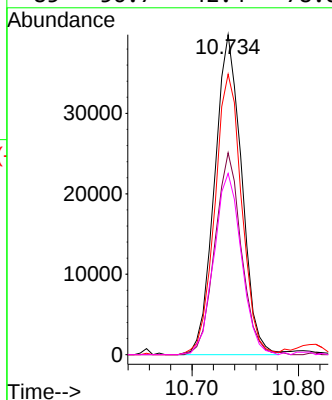
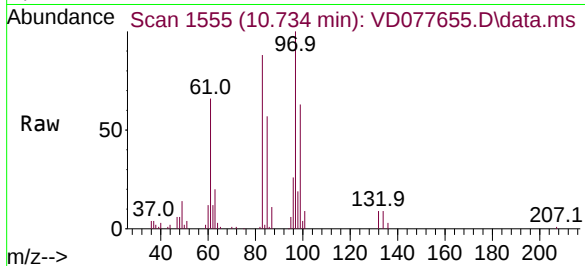




#45
1,1,2-Trichloroethane
Concen: 26.350 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

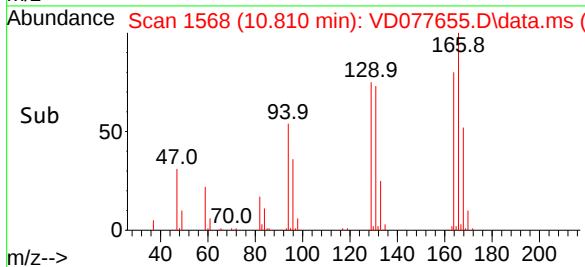
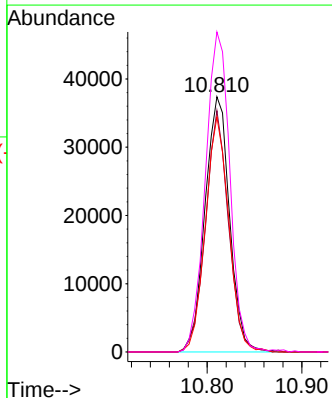
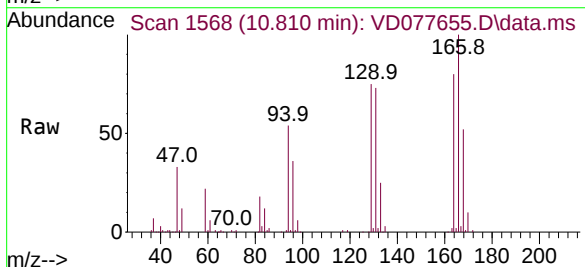
Instrument :
MSVOA_D
ClientSampleId :

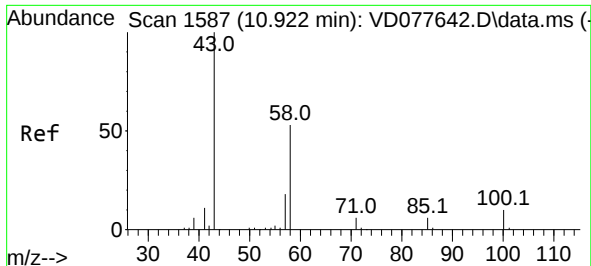
Tgt Ion:	97	Resp:	70306
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.5	80.7
83	87.6	63.1	117.3
85	56.7	42.4	78.8



#46
Tetrachloroethene
Concen: 23.445 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

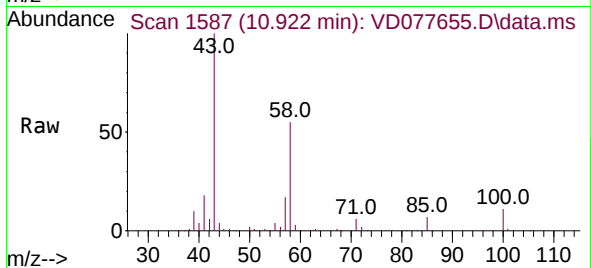
Tgt Ion:	164	Resp:	67116
Ion	Ratio	Lower	Upper
164	100		
129	94.5	60.6	112.6
131	92.1	61.6	114.4
166	125.4	85.4	158.6



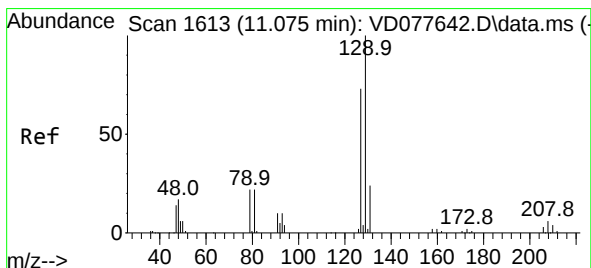
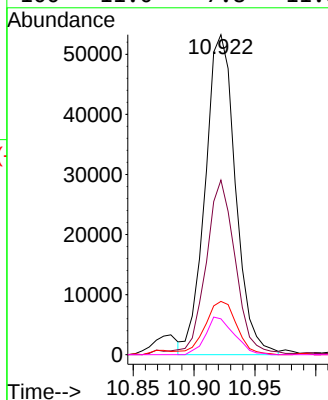
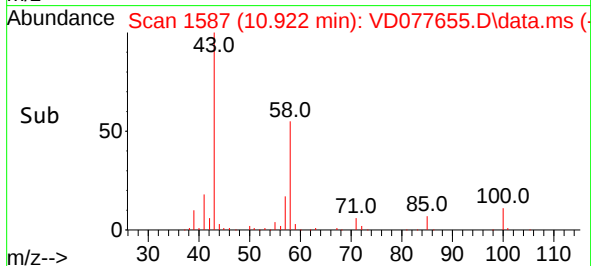


#48
2-Hexanone
Concen: 43.794 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Instrument :
MSVOA_D
ClientSampleId :

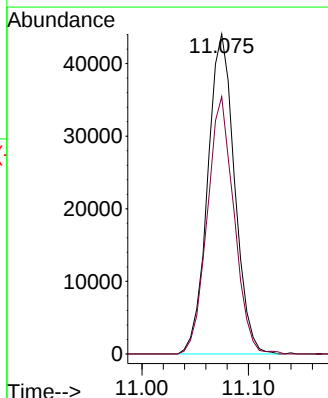
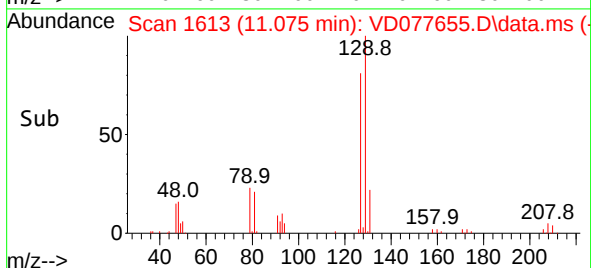
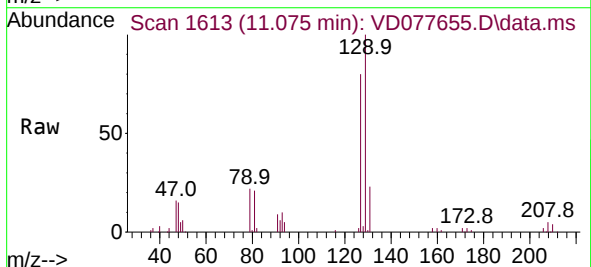


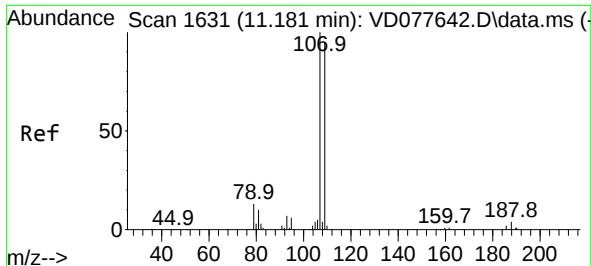
Tgt Ion: 43 Resp: 92336
Ion Ratio Lower Upper
43 100
58 53.0 40.8 61.2
57 17.4 13.7 20.5
100 11.0 7.8 11.8



#49
Dibromochloromethane
Concen: 25.490 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 129 Resp: 77254
Ion Ratio Lower Upper
129 100
127 80.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 25.100 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077655.D

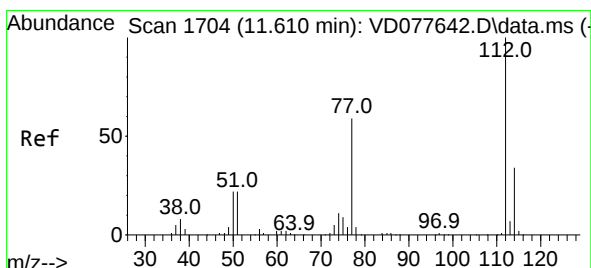
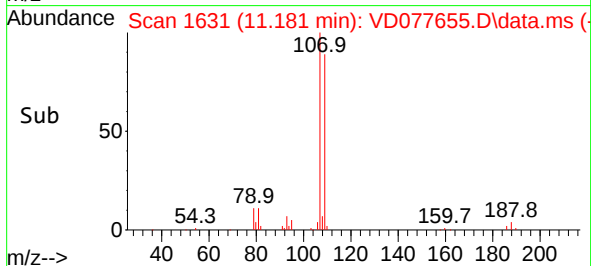
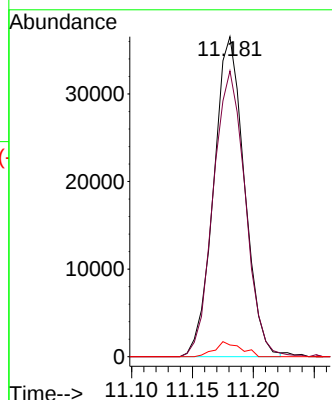
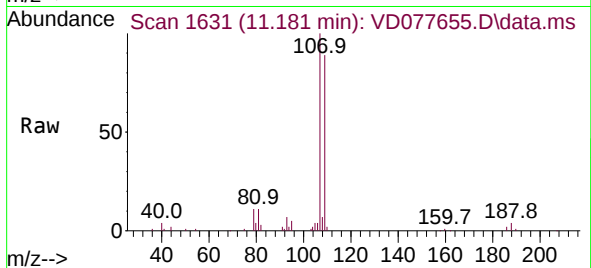
Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	64044
Ion	Ratio	Lower	Upper
107	100		
109	89.3	64.8	120.3
188	3.7	3.2	4.8



#51

Chlorobenzene

Concen: 24.812 ug/L

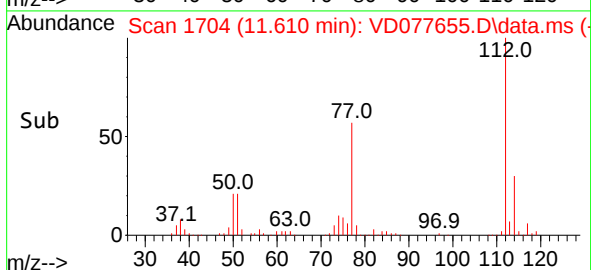
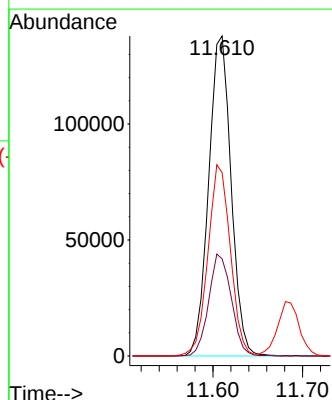
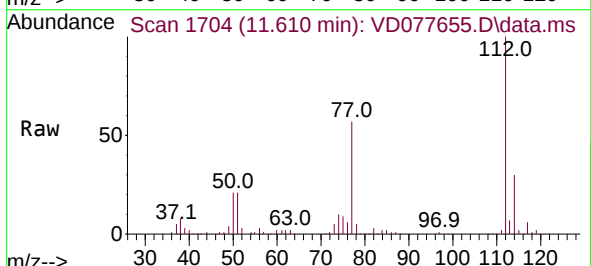
RT: 11.610 min Scan# 1704

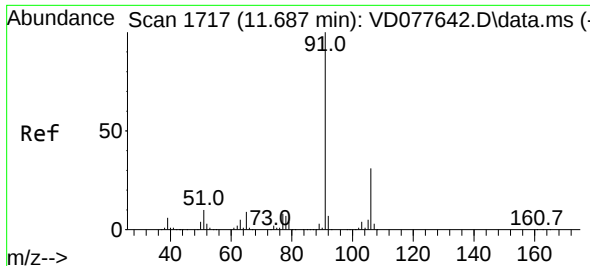
Delta R.T. 0.000 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Tgt Ion:	112	Resp:	239627
Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.4	41.6
77	57.3	49.6	74.4

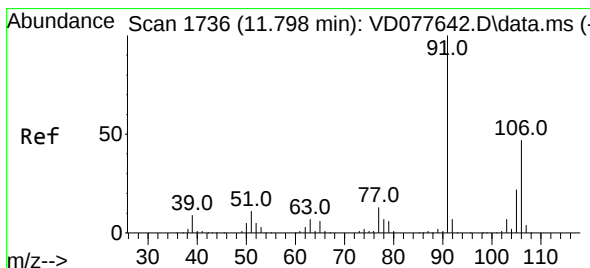
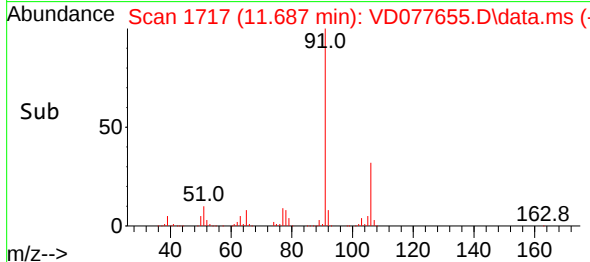
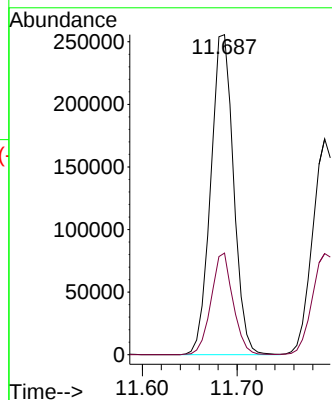
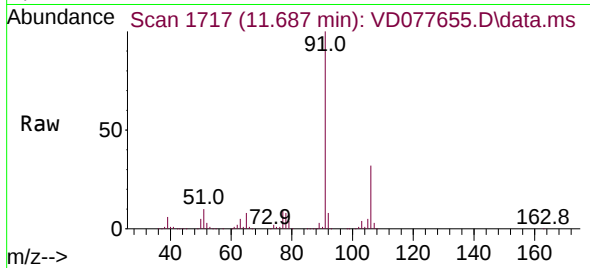




#52
Ethylbenzene
Concen: 23.652 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

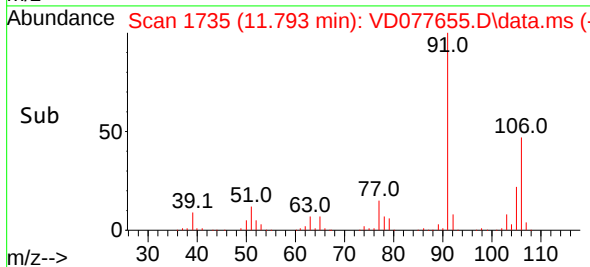
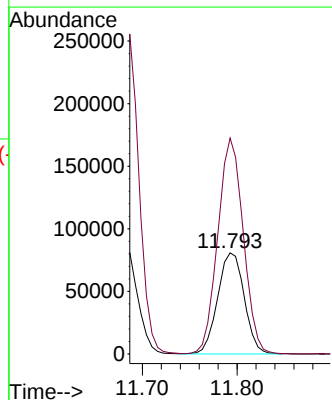
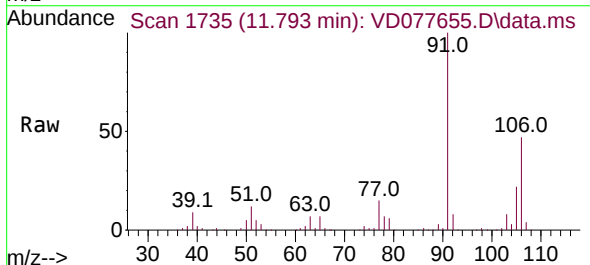
Instrument :
MSVOA_D
ClientSampleId :

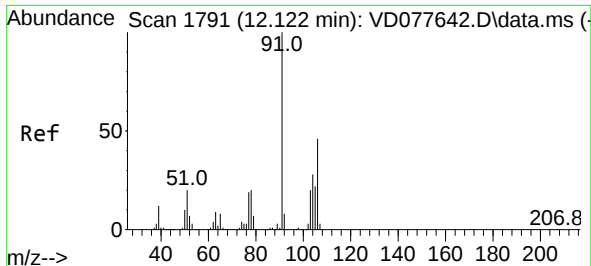
Tgt Ion: 91 Resp: 429020
Ion Ratio Lower Upper
91 100
106 31.8 22.0 40.8



#53
m,p-Xylene
Concen: 23.846 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion:106 Resp: 157399
Ion Ratio Lower Upper
106 100
91 213.5 146.7 272.4

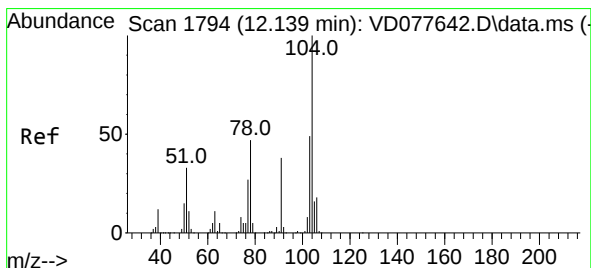
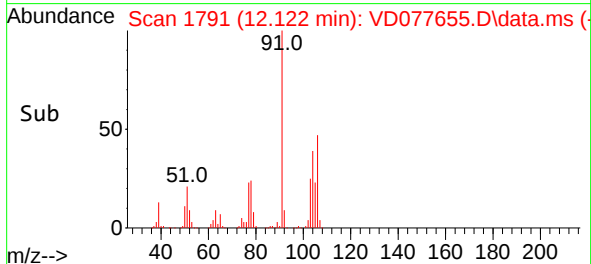
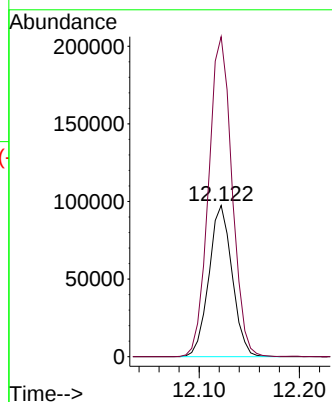
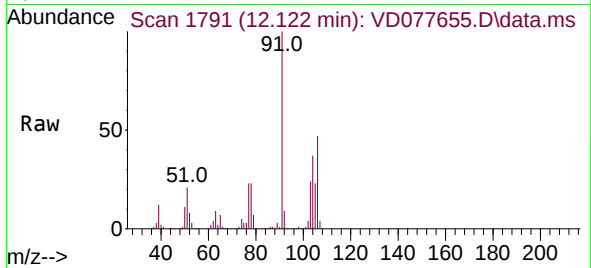




#54
o-Xylene
Concen: 24.811 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

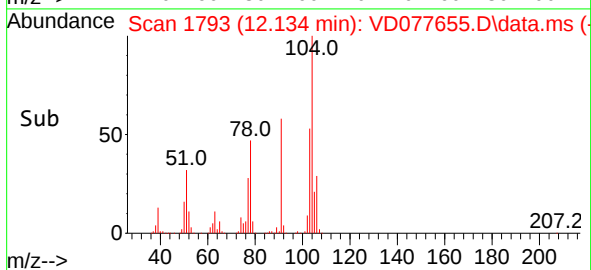
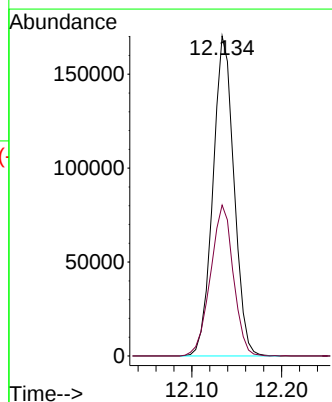
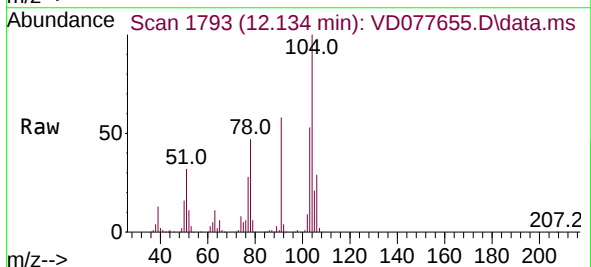
Instrument :
MSVOA_D
ClientSampleId :

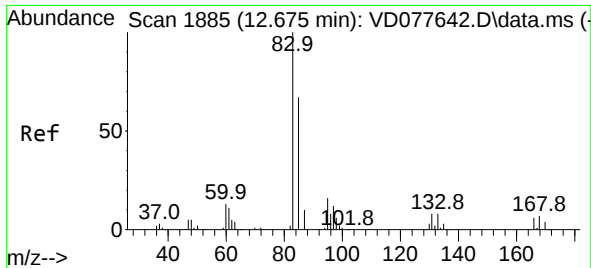
Tgt Ion:106 Resp: 156847
Ion Ratio Lower Upper
106 100
91 211.7 158.5 294.4



#55
Styrene
Concen: 25.141 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion:104 Resp: 277509
Ion Ratio Lower Upper
104 100
78 47.2 34.9 64.9

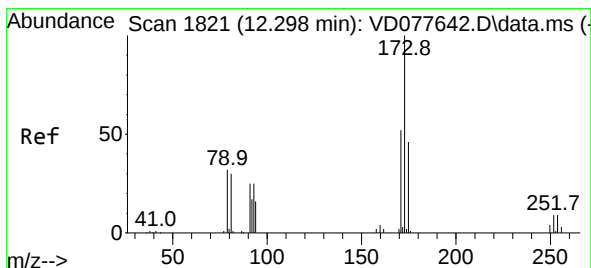
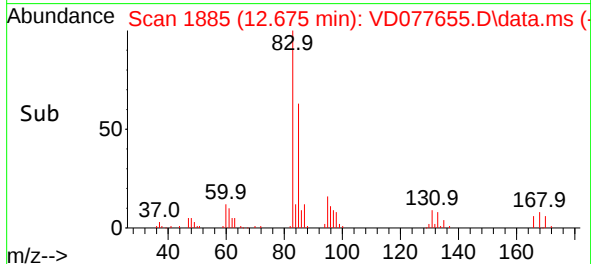
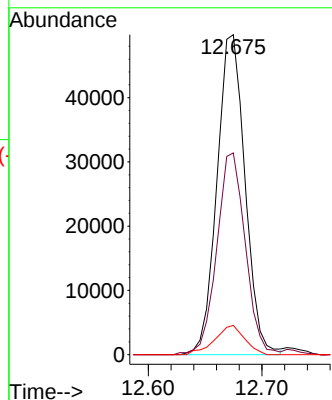
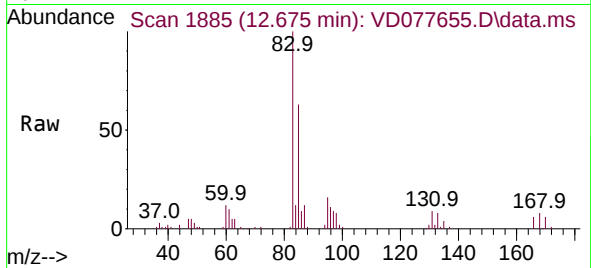




#57
1,1,2,2-Tetrachloroethane
Concen: 27.223 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

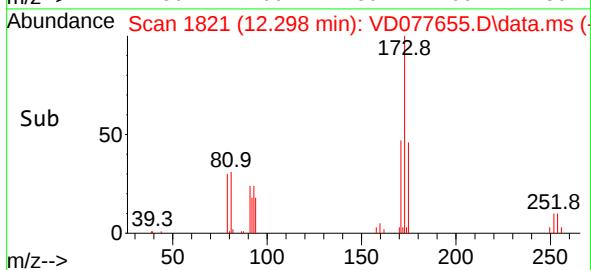
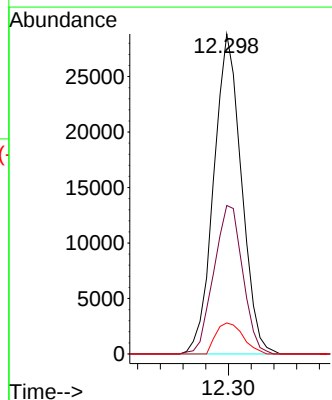
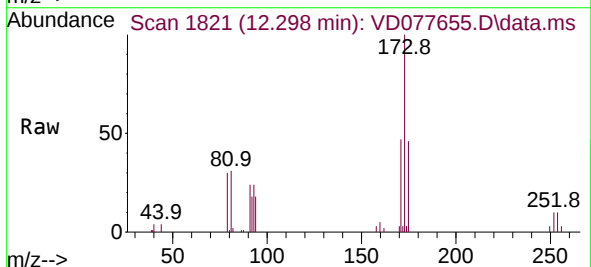
Instrument :
MSVOA_D
ClientSampleId :

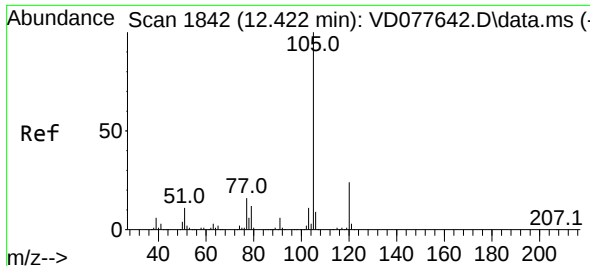
Tgt Ion: 83 Resp: 85568
Ion Ratio Lower Upper
83 100
85 63.1 44.9 83.3
131 9.2 7.2 10.8



#59
Bromoform
Concen: 24.351 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 173 Resp: 48806
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
254 9.6 7.1 10.7

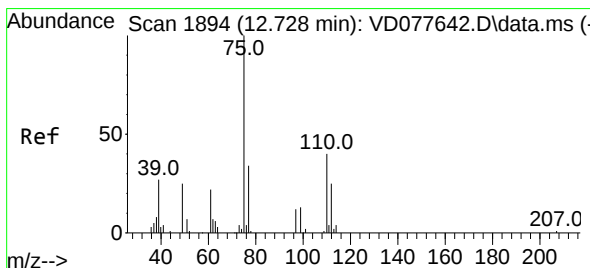
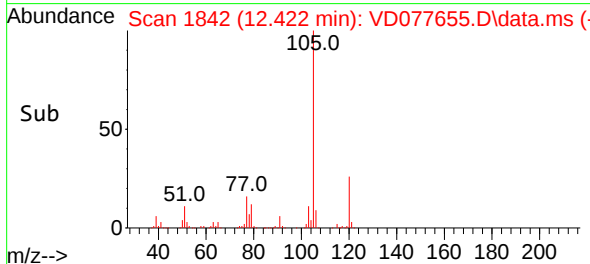
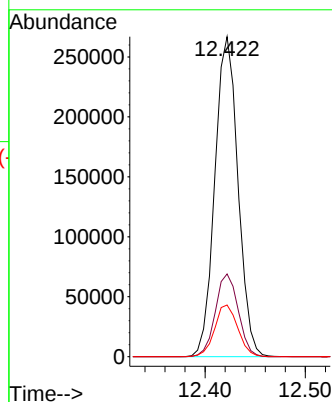
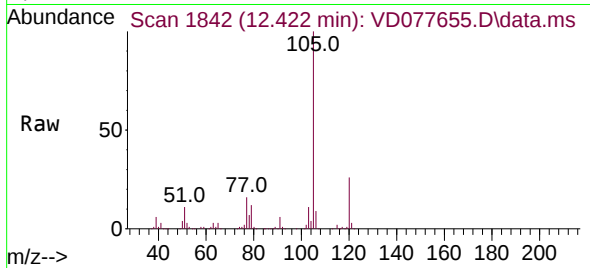




#60
Isopropylbenzene
Concen: 22.500 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

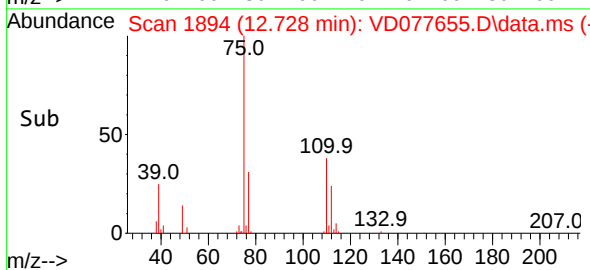
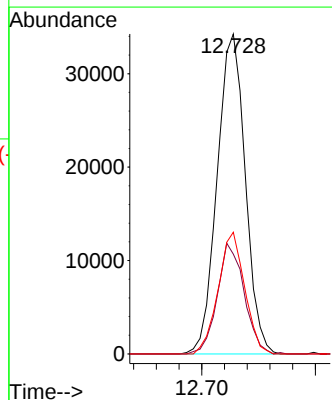
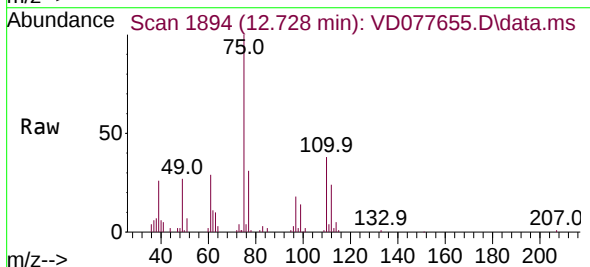
Instrument :
MSVOA_D
ClientSampleId :

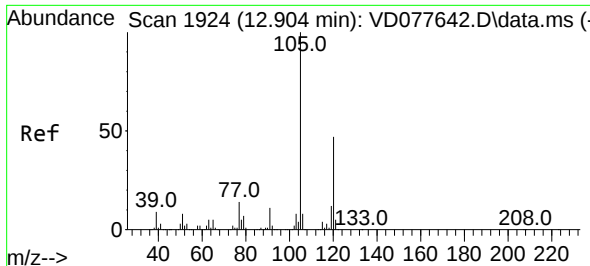
Tgt Ion:105 Resp: 427850
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.4
77 16.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.514 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 75 Resp: 58882
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
110 35.8 29.6 44.4

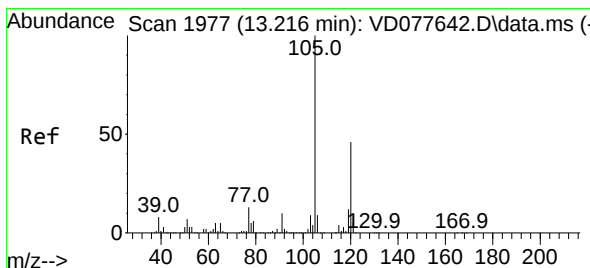
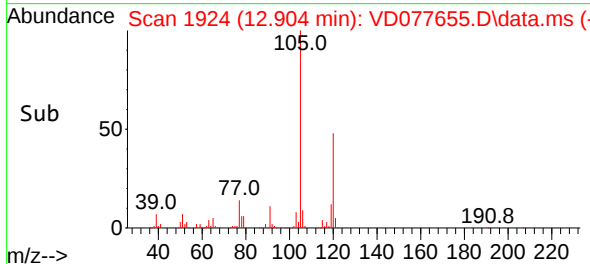
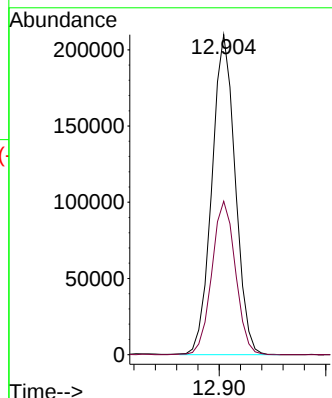
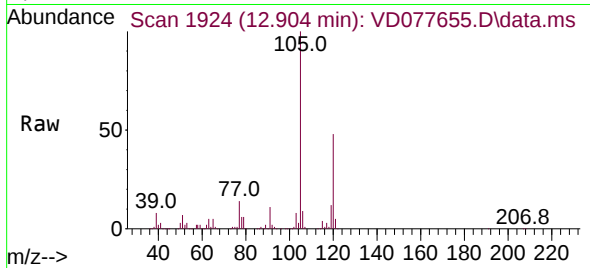




#62
1,3,5-Trimethylbenzene
Concen: 22.148 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

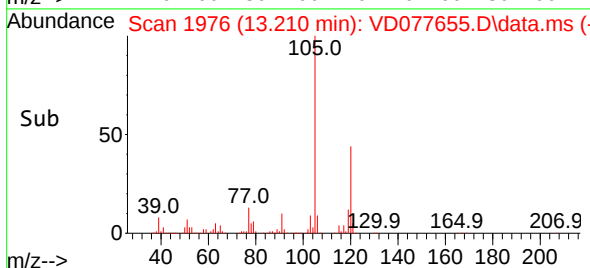
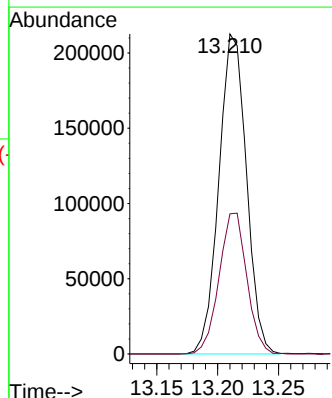
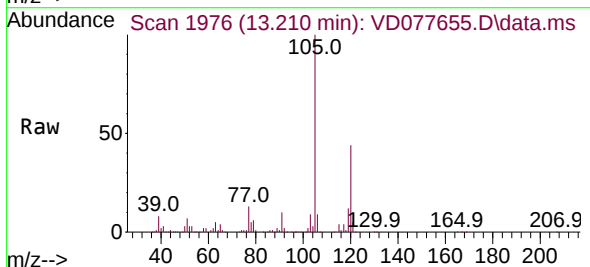
Instrument :
MSVOA_D
ClientSampleId :

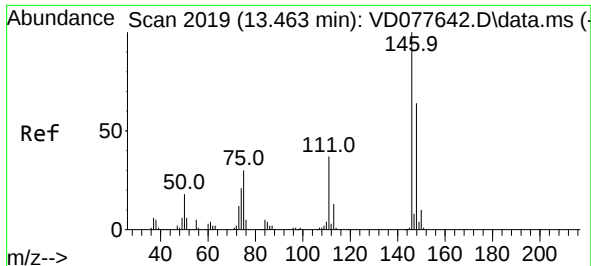
Tgt Ion:105 Resp: 319625
Ion Ratio Lower Upper
105 100
120 48.3 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 22.921 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion:105 Resp: 335072
Ion Ratio Lower Upper
105 100
120 44.3 35.6 53.4

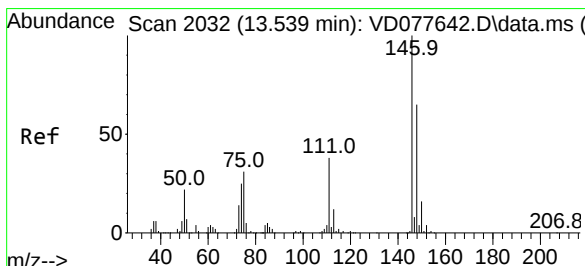
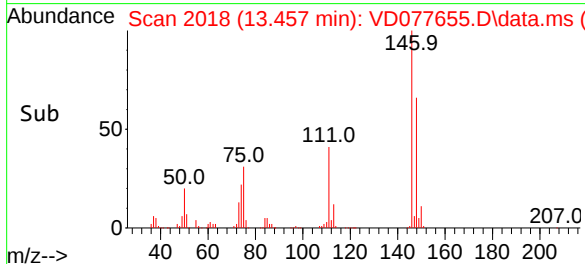
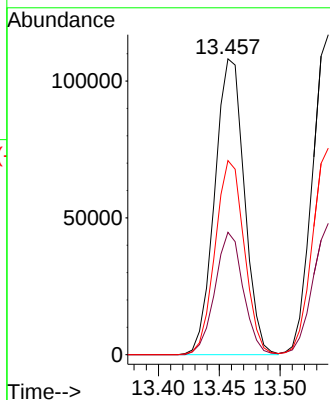
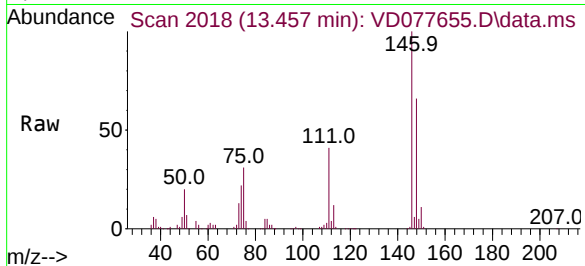




#64
1,3-Dichlorobenzene
Concen: 23.465 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

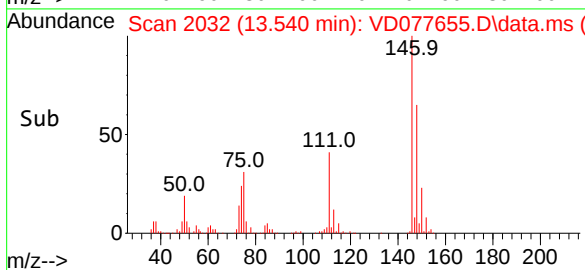
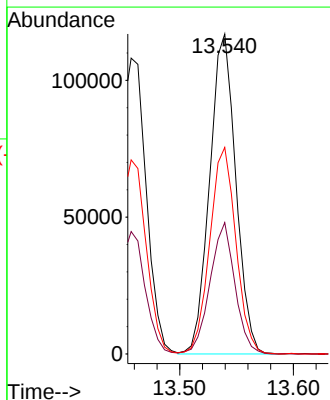
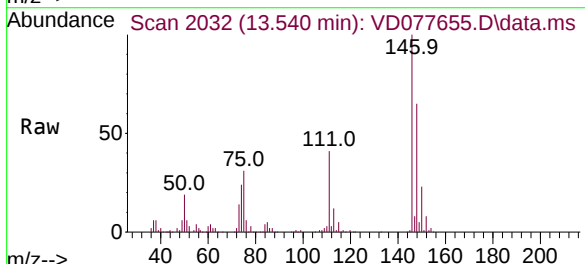
Instrument :
MSVOA_D
ClientSampleId :

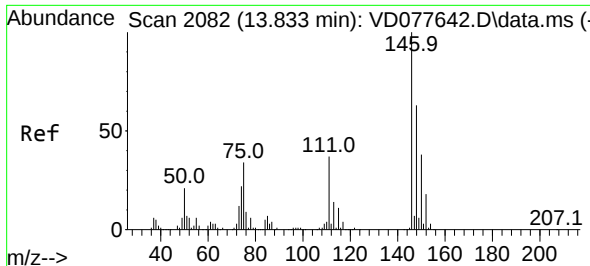
Tgt Ion:146 Resp: 183054
Ion Ratio Lower Upper
146 100
111 41.4 27.2 50.6
148 65.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 23.773 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion:146 Resp: 187159
Ion Ratio Lower Upper
146 100
111 41.1 25.6 47.4
148 64.5 44.1 81.9

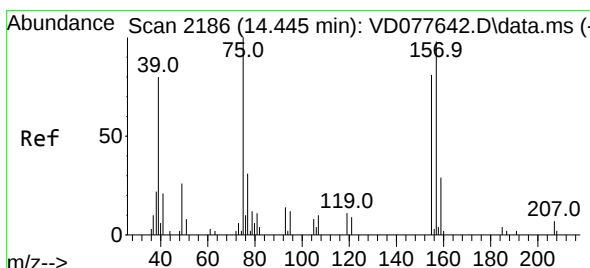
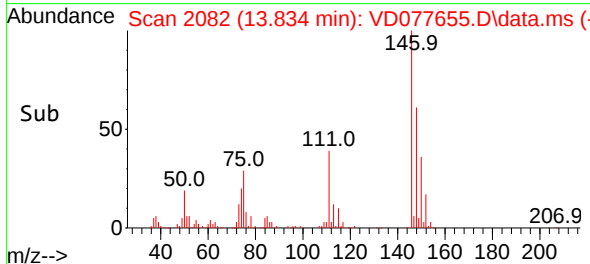
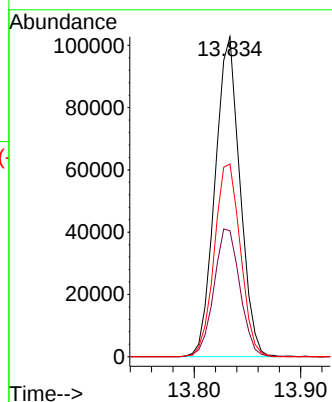
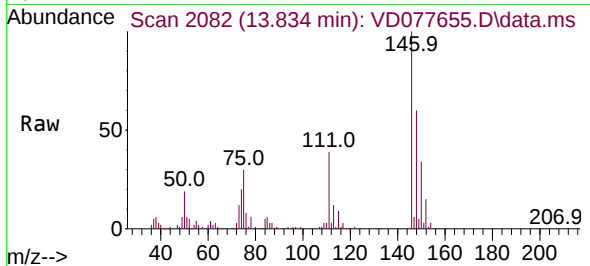




#67
1,2-Dichlorobenzene
Concen: 24.208 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

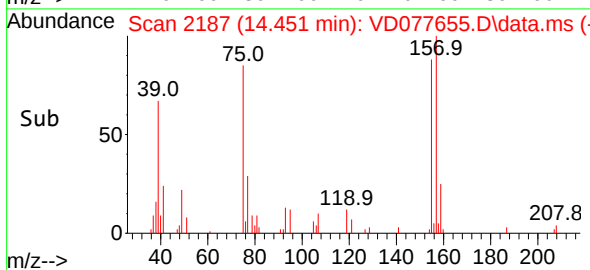
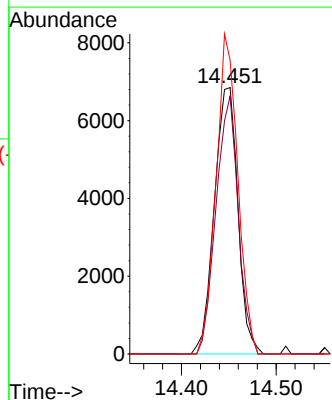
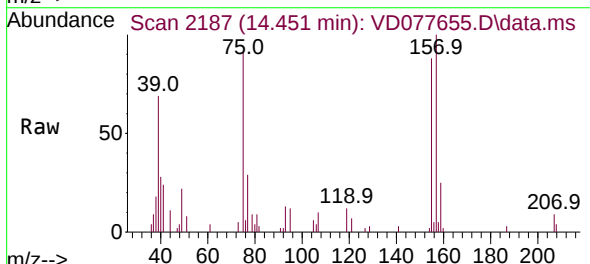
Instrument :
MSVOA_D
ClientSampleId :

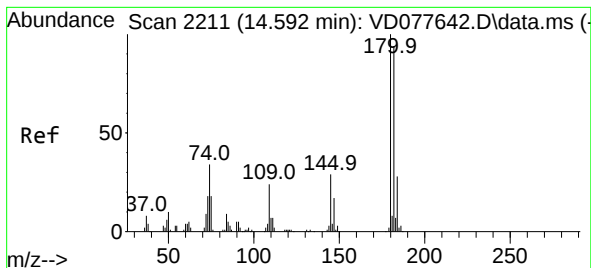
Tgt Ion:146 Resp: 166964
Ion Ratio Lower Upper
146 100
111 39.4 33.8 50.6
148 60.2 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.717 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD077655.D
Acq: 21 Nov 2023 19:40

Tgt Ion: 75 Resp: 11829
Ion Ratio Lower Upper
75 100
155 96.8 58.2 87.2#
157 110.2 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 23.731 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

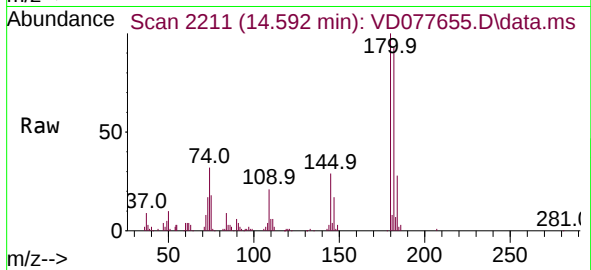
Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 126050

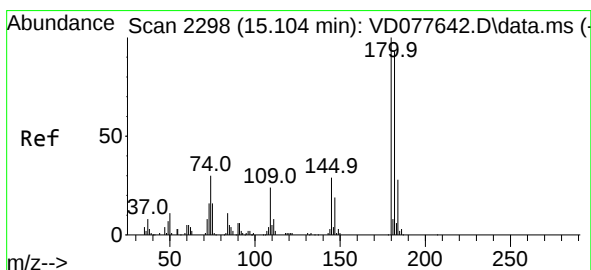
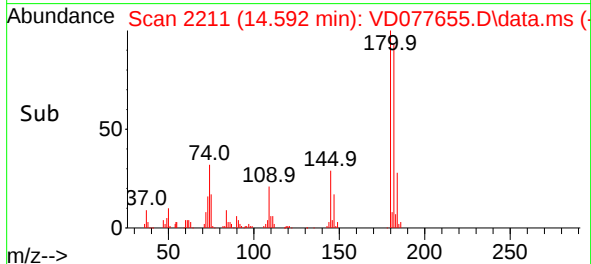
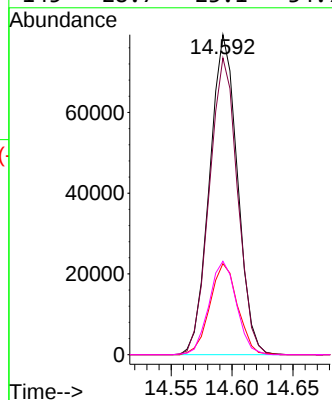
Ion Ratio Lower Upper

180 100

182 94.0 76.1 114.1

184 28.3 24.0 36.0

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 22.960 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

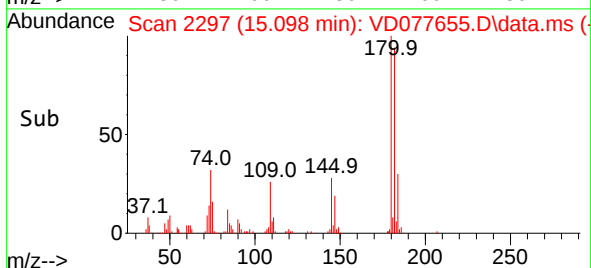
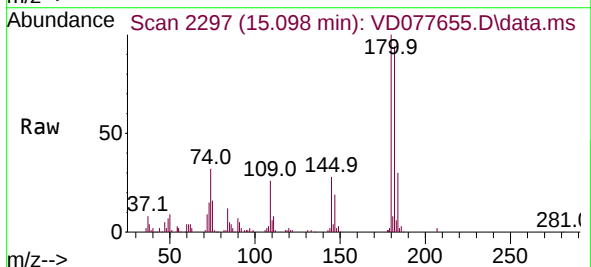
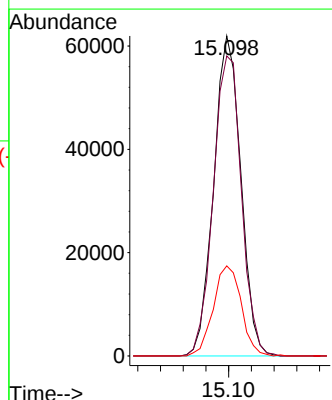
Tgt Ion:180 Resp: 102785

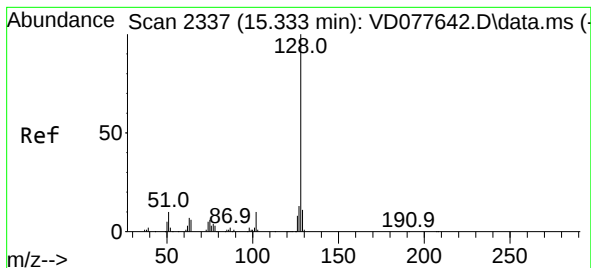
Ion Ratio Lower Upper

180 100

182 97.2 75.8 113.6

145 29.0 24.1 36.1





#71

Naphthalene

Concen: 23.396 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

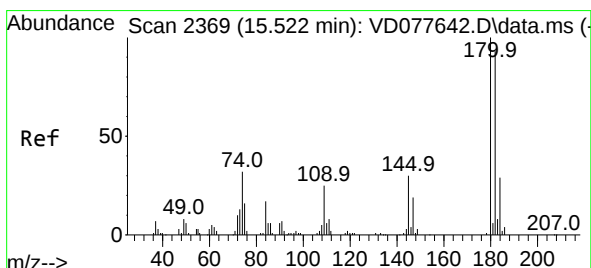
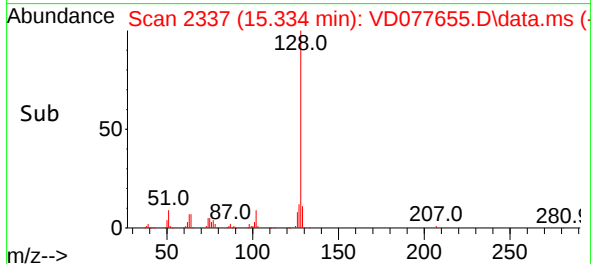
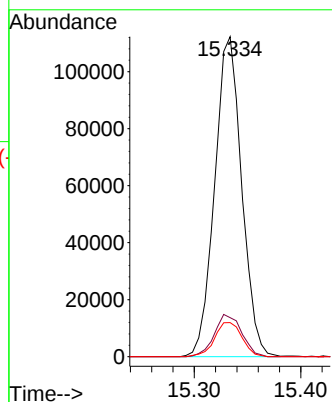
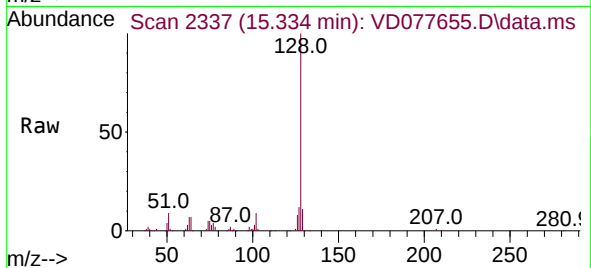
Tgt Ion:128 Resp: 197394

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.9 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 24.755 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077655.D

Acq: 21 Nov 2023 19:40

Tgt Ion:180 Resp: 94493

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 30.7 26.0 39.0

