

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075555.D
 Acq On : 31 Mar 2023 13:02
 Operator : KP/SY
 Sample : VSTD05020
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 23:57:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	454059	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	352290	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	177058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	508799	48.127	ug/L	0.00
7) Chloroethane-d5	2.805	69	438457	46.608	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	405335	47.534	ug/L	0.00
21) 2-Butanone-d5	6.987	46	66407	96.458	ug/L	0.00
24) Chloroform-d	7.569	84	468523	43.766	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	228429	48.151	ug/L	0.00
32) Benzene-d6	8.204	84	1210655	58.782	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	310118	56.500	ug/L	0.00
41) Toluene-d8	10.269	98	1031554	53.415	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	115319	50.400	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	68223	105.037	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	212299	51.631	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	310453	51.115	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	170719	40.119	ug/L	96
3) Chloromethane	2.152	50	218976	39.323	ug/L	97
5) Vinyl chloride	2.287	62	363127	41.842	ug/L	99
6) Bromomethane	2.699	94	251580	42.486	ug/L	99
8) Chloroethane	2.840	64	253866	41.988	ug/L	97
9) Trichlorofluoromethane	3.181	101	322680	42.761	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	230217	43.917	ug/L	99
12) 1,1-Dichloroethene	3.946	96	191063	44.119	ug/L	96
13) Acetone	4.016	43	63498	87.943	ug/L	95
14) Carbon disulfide	4.269	76	413185	39.880	ug/L	100
15) Methyl Acetate	4.669	43	338	0.279	ug/L	91
16) Methylene chloride	4.805	84	214913	34.434	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	202042	43.946	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	426388	48.777	ug/L #	94
19) 1,1-Dichloroethane	6.110	63	338289	42.925	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	248996	46.123	ug/L	93
22) 2-Butanone	7.081	43	77461	90.060	ug/L	100
23) Bromochloromethane	7.428	128	108580	42.657	ug/L	97
25) Chloroform	7.593	83	410839	43.523	ug/L	98
27) 1,2-Dichloroethane	8.328	62	231138	47.372	ug/L	99
29) Cyclohexane	7.881	56	225227	52.388	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	336418	48.475	ug/L	99
31) Carbon tetrachloride	7.993	117	278045	49.629	ug/L	100
33) Benzene	8.252	78	986881	54.440	ug/L	100
34) Trichloroethene	9.028	95	265771	52.330	ug/L	97
35) Methylcyclohexane	9.275	83	380493	57.277	ug/L	97
37) 1,2-Dichloropropane	9.304	63	232736	54.570	ug/L	100
38) Bromodichloromethane	9.587	83	297934	49.048	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	349982	51.756	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	167259	104.630	ug/L	97
42) Toluene	10.334	91	1025930	50.937	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	293030	50.967	ug/L	99

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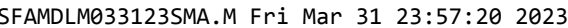
Instrument :
 MSVOA_D
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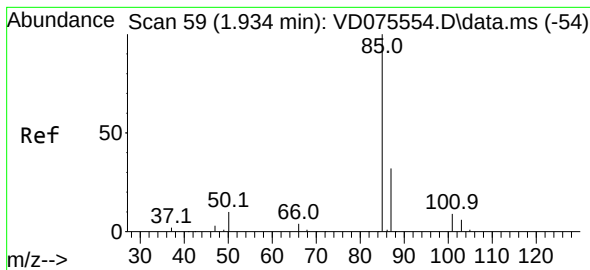
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	188908	48.267	ug/L	97
46) Tetrachloroethene	10.810	164	185898	46.737	ug/L	98
48) 2-Hexanone	10.922	43	121012	112.323	ug/L	97
49) Dibromochloromethane	11.075	129	217816	51.403	ug/L	98
50) 1,2-Dibromoethane	11.181	107	171315	49.959	ug/L #	96
51) Chlorobenzene	11.610	112	675831	49.822	ug/L	97
52) Ethylbenzene	11.687	91	1125628	53.146	ug/L	100
53) m,p-Xylene	11.798	106	449212	54.088	ug/L	98
54) o-Xylene	12.122	106	445442	56.326	ug/L	99
55) Styrene	12.140	104	799844	56.761	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	206696	51.174	ug/L	94
59) Bromoform	12.304	173	130114	47.517	ug/L	99
60) Isopropylbenzene	12.422	105	1197087	51.206	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	127458	45.481	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	930456	52.766	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	903934	53.607	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	529712	50.040	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	539532	48.863	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	488901	50.993	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	25674	45.493	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.598	180	332091	50.870	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	270320	51.149	ug/L	98
71) Naphthalene	15.334	128	538130	55.072	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	239227	50.534	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 40.119 ug/L

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

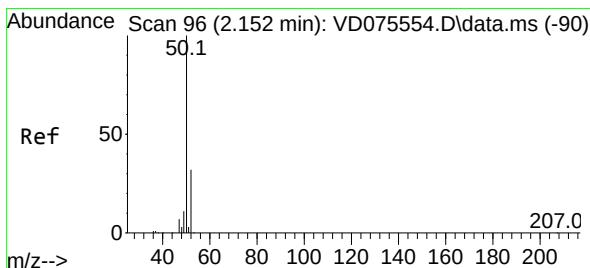
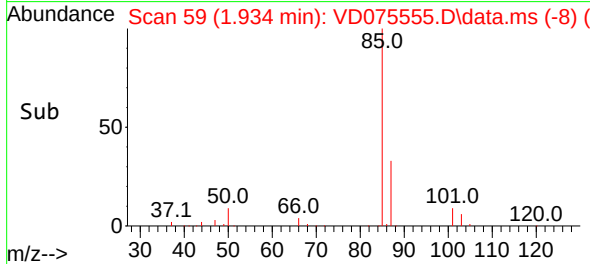
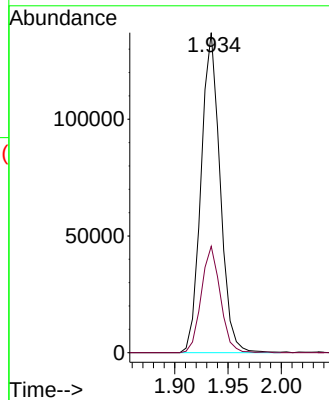
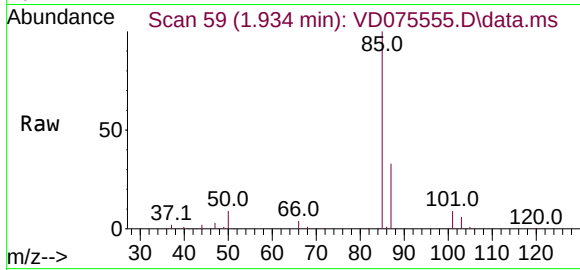
ClientSampleId :

Tgt Ion: 85 Resp: 170719

Ion Ratio Lower Upper

85 100

87 33.2 25.0 37.4



#3

Chloromethane

Concen: 39.323 ug/L

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD075555.D

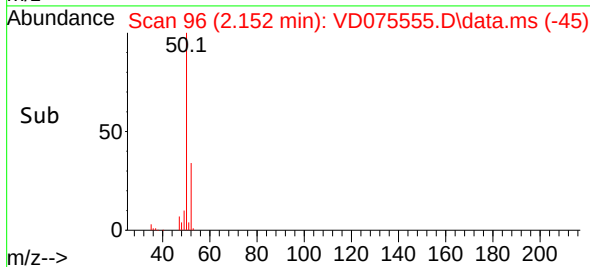
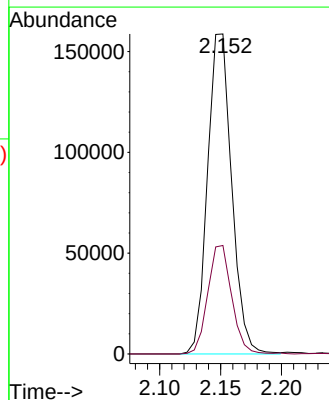
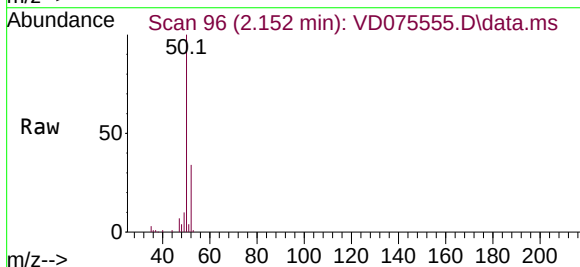
Acq: 31 Mar 2023 13:02

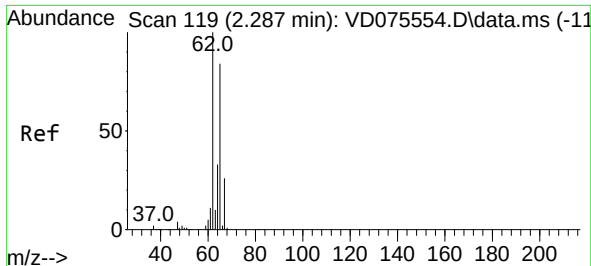
Tgt Ion: 50 Resp: 218976

Ion Ratio Lower Upper

50 100

52 33.9 22.7 42.1

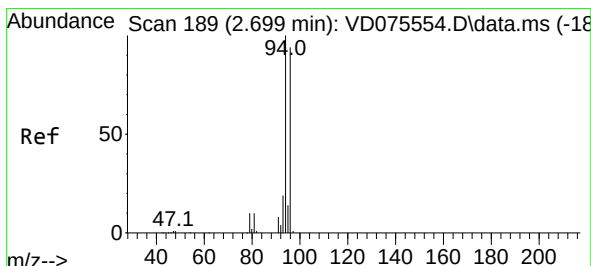
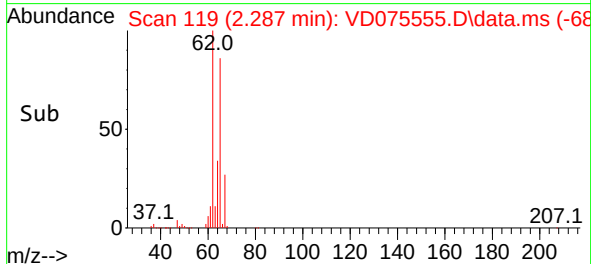
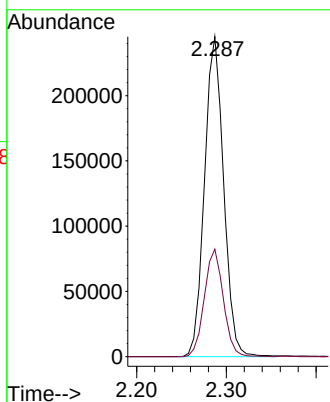
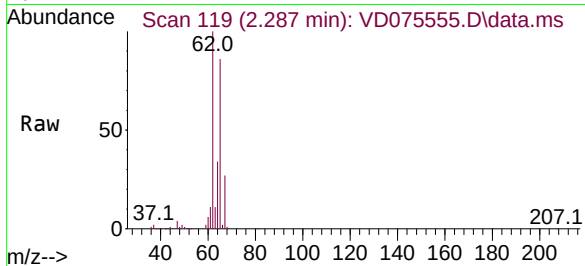




#5
 Vinyl chloride
 Concen: 41.842 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075555.D
 Acq: 31 Mar 2023 13:02

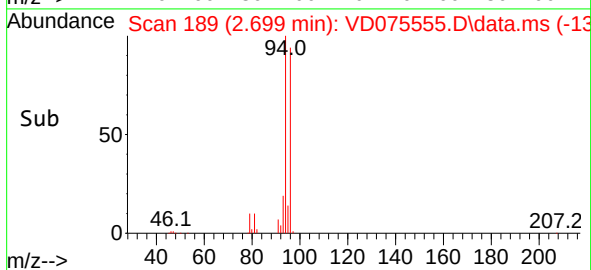
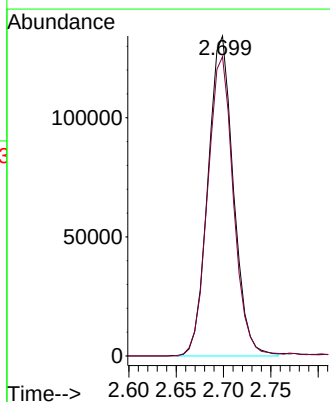
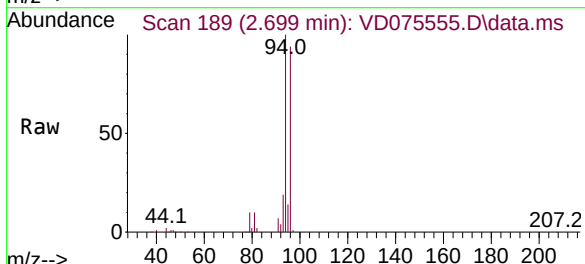
Instrument :
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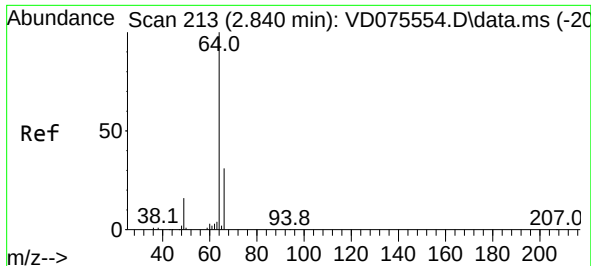
Tgt Ion: 62 Resp: 363127
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.1 42.9



#6
 Bromomethane
 Concen: 42.486 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075555.D
 Acq: 31 Mar 2023 13:02

Tgt Ion: 94 Resp: 251580
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.1 122.7

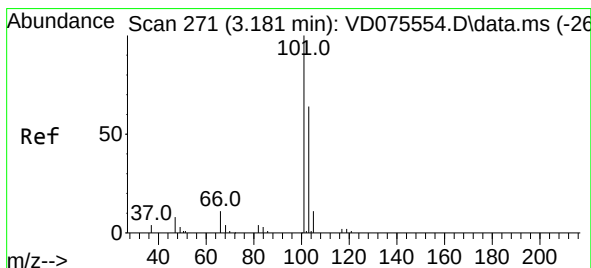
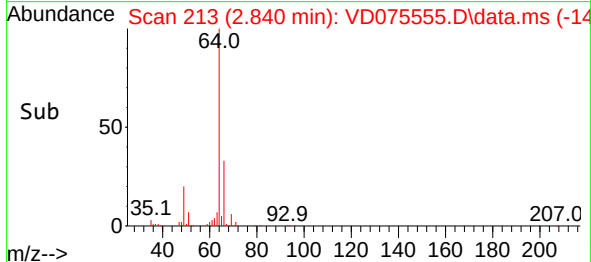
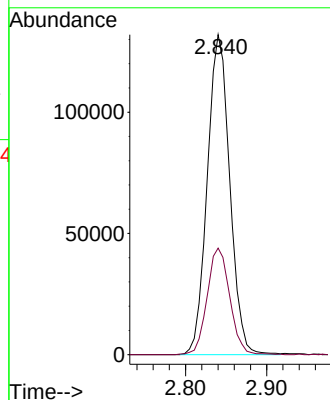
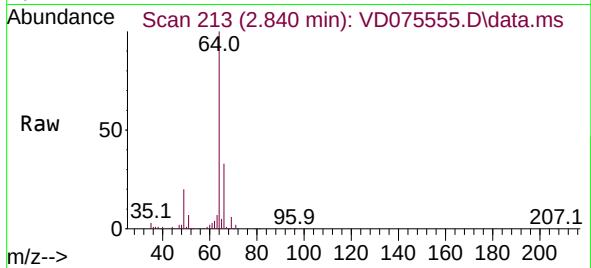




#8
Chloroethane
Concen: 41.988 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

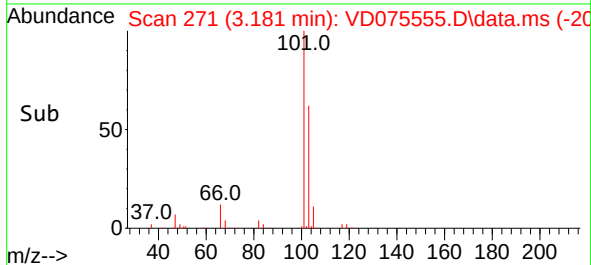
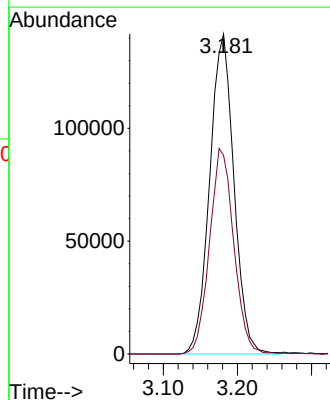
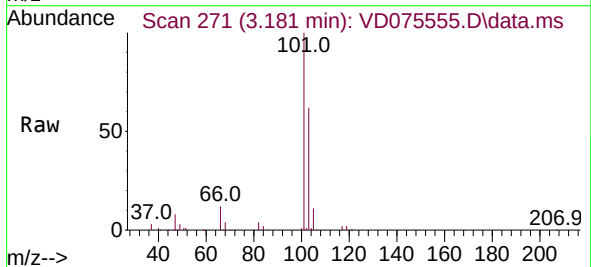
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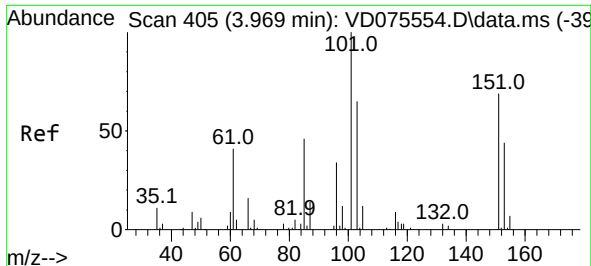
Tgt Ion: 64 Resp: 253866
Ion Ratio Lower Upper
64 100
66 33.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 42.761 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion:101 Resp: 322680
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

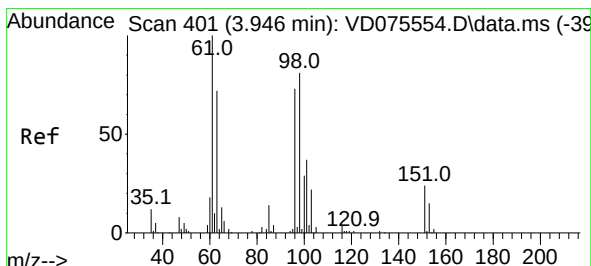
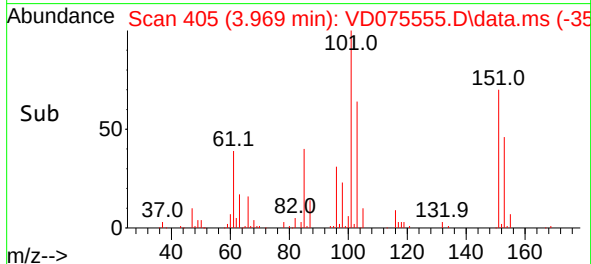
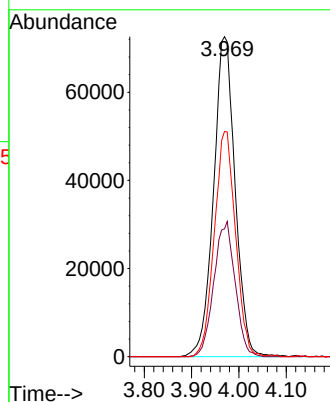
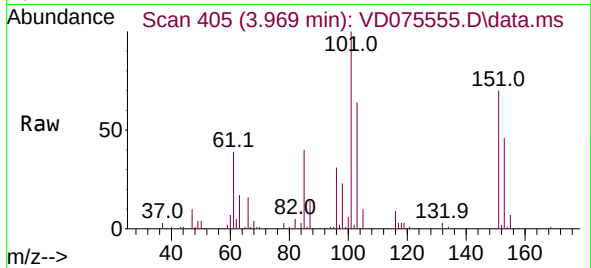




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.917 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075555.D
 Acq: 31 Mar 2023 13:02

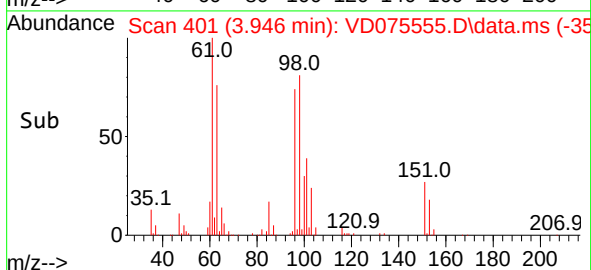
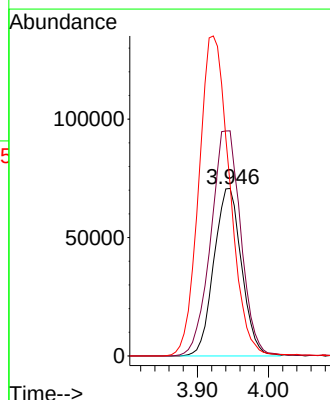
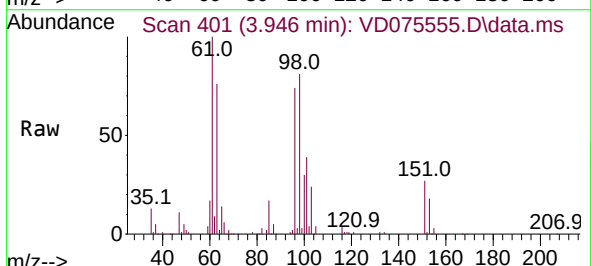
Instrument :
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 ClientSampleId :

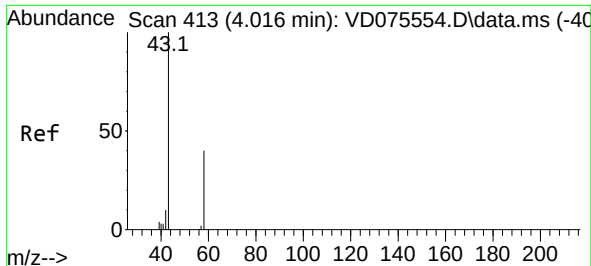
Tgt Ion:101 Resp: 230217
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.4 50.0
 151 69.2 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 44.119 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075555.D
 Acq: 31 Mar 2023 13:02

Tgt Ion: 96 Resp: 191063
 Ion Ratio Lower Upper
 96 100
 61 134.4 96.7 179.7
 63 102.3 76.0 141.2





#13

Acetone

Concen: 87.943 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

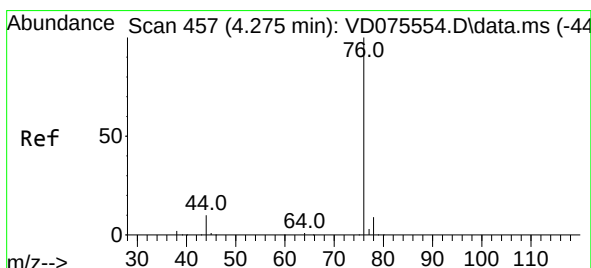
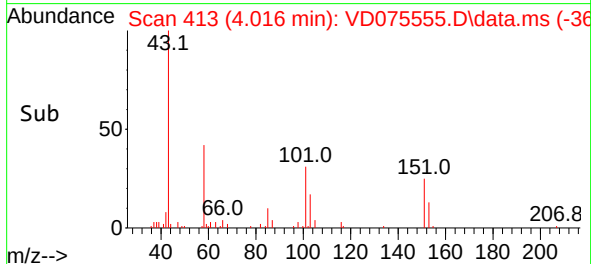
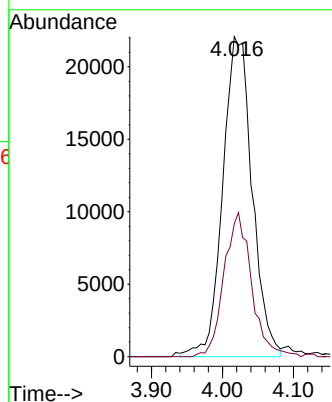
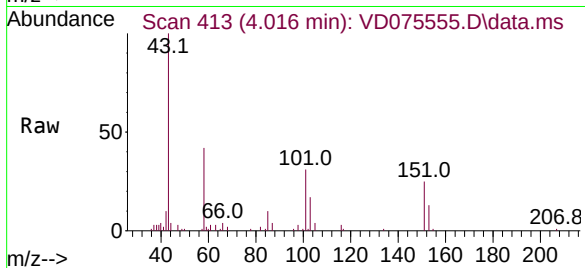
ClientSampleId :

Tgt Ion: 43 Resp: 63498

Ion Ratio Lower Upper

43 100

58 41.8 0.0 77.4



#14

Carbon disulfide

Concen: 39.880 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075555.D

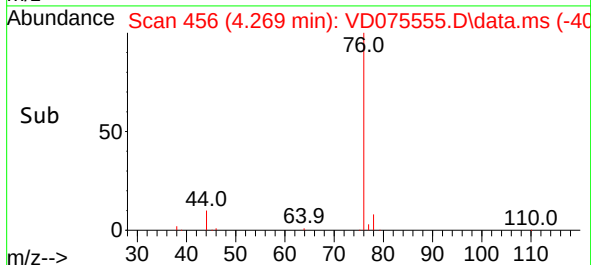
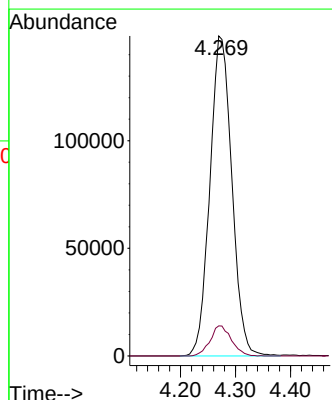
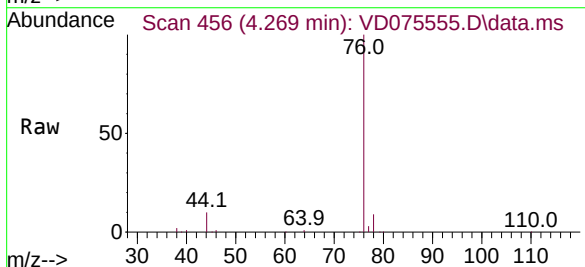
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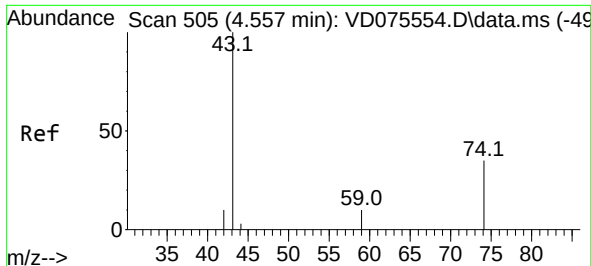
Tgt Ion: 76 Resp: 413185

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

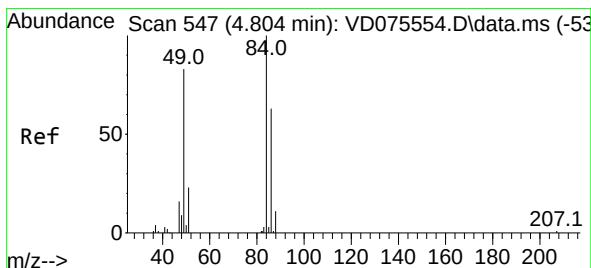
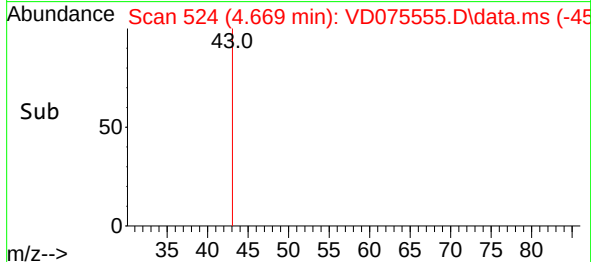
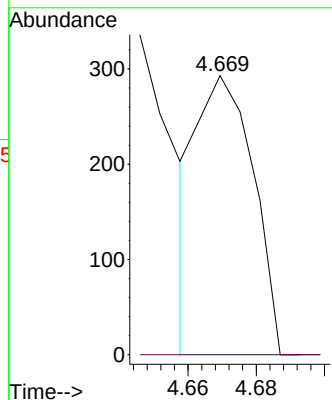
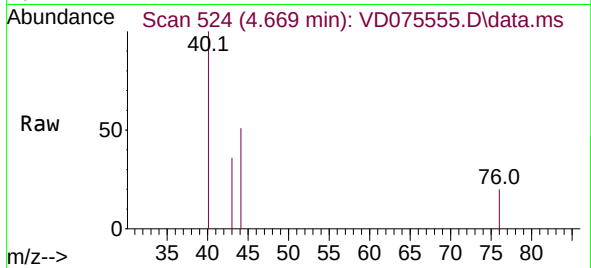




#15
Methyl Acetate
Concen: 0.279 ug/L
RT: 4.669 min Scan# 51
Delta R.T. 0.112 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

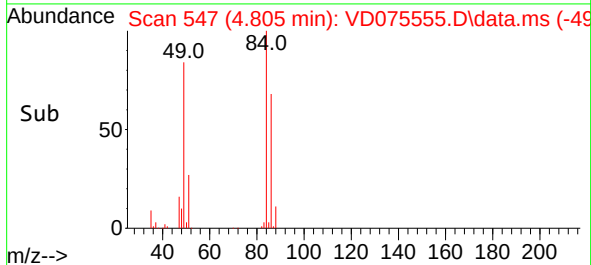
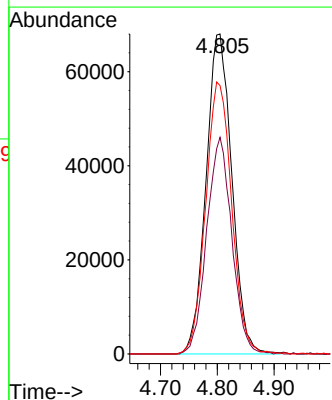
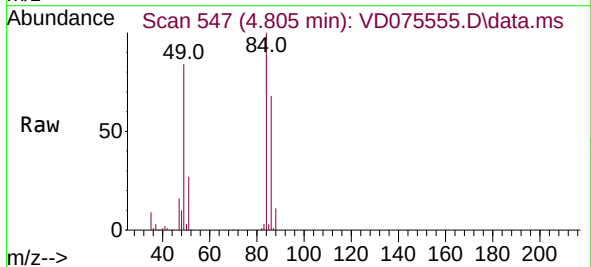
Instrument :
MSVOA_D
ClientSampleId :

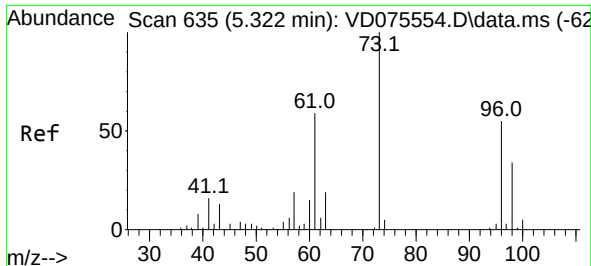
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
74 30.8 29.0 43.4



#16
Methylene chloride
Concen: 34.434 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 84 Resp: 214913
Ion Ratio Lower Upper
84 100
86 67.7 44.4 82.4
49 83.9 58.5 108.7





#17

trans-1,2-Dichloroethene

Concen: 43.946 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

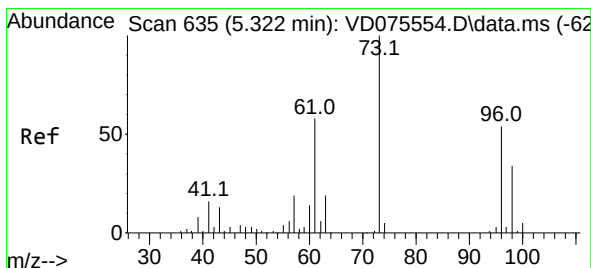
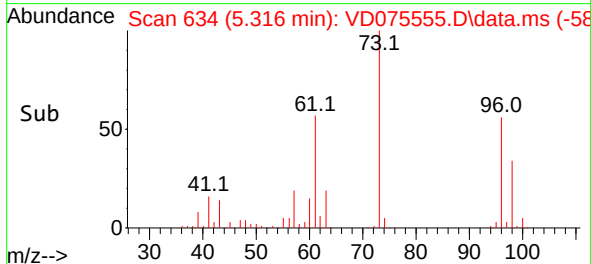
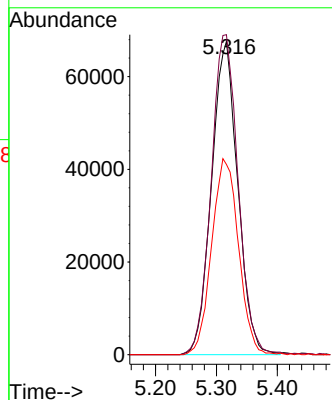
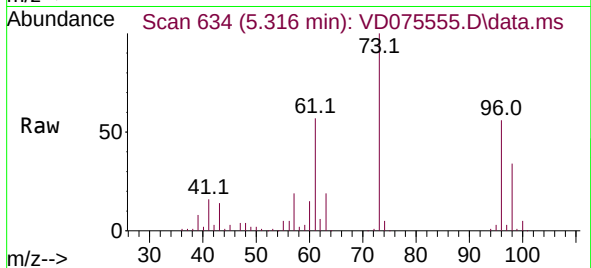
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 96 Resp: 202042

Ion	Ratio	Lower	Upper
96	100		
61	102.1	75.4	140.0
98	60.7	43.8	81.3



#18

Methyl tert-butyl Ether

Concen: 48.777 ug/L

RT: 5.316 min Scan# 634

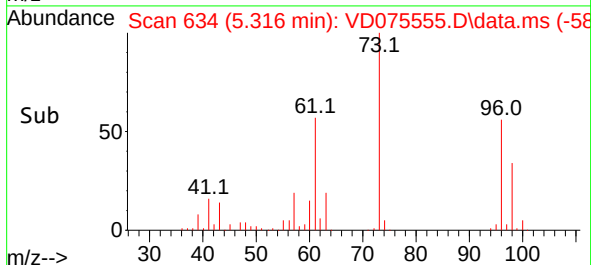
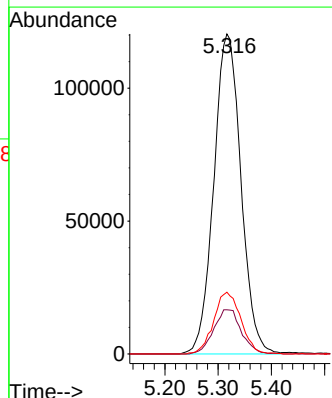
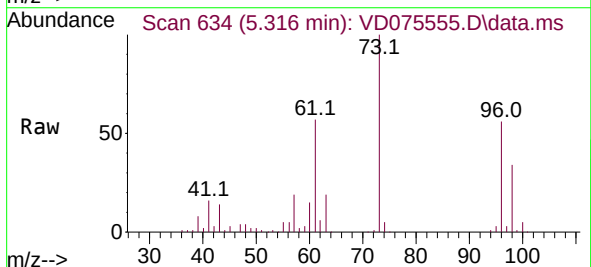
Delta R.T. -0.006 min

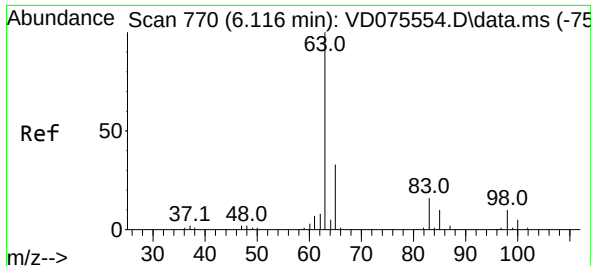
Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Tgt Ion: 73 Resp: 426388

Ion	Ratio	Lower	Upper
73	100		
43	8.8	11.4	17.0#
57	19.2	15.8	23.6





#19

1,1-Dichloroethane

Concen: 42.925 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

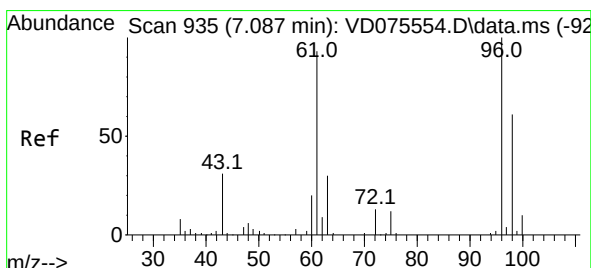
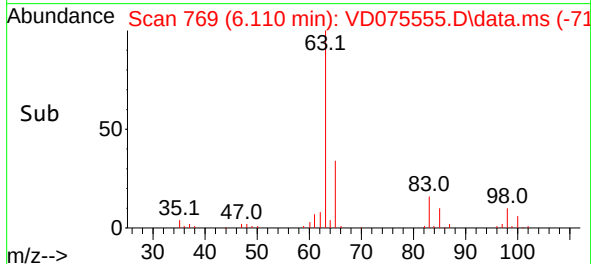
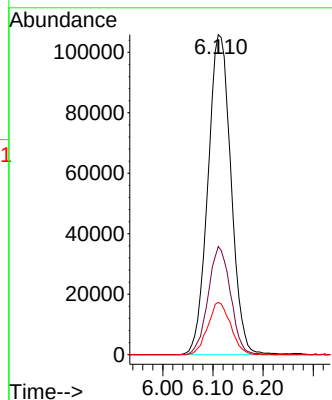
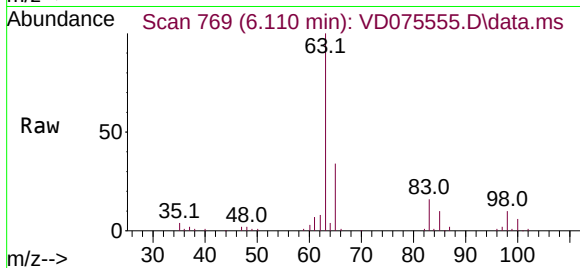
Tgt Ion: 63 Resp: 338289

Ion Ratio Lower Upper

63 100

65 33.8 23.1 42.9

83 16.4 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 46.123 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

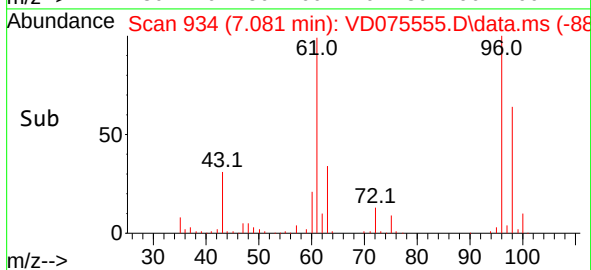
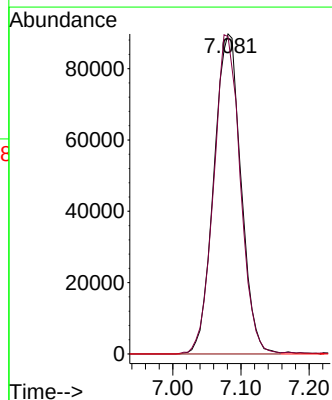
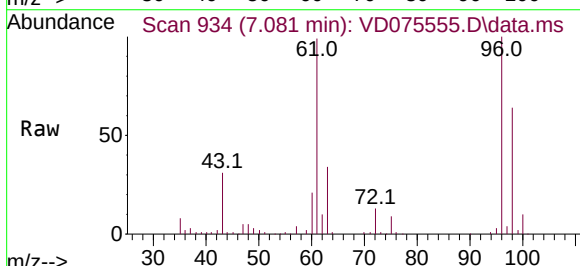
Tgt Ion: 96 Resp: 248996

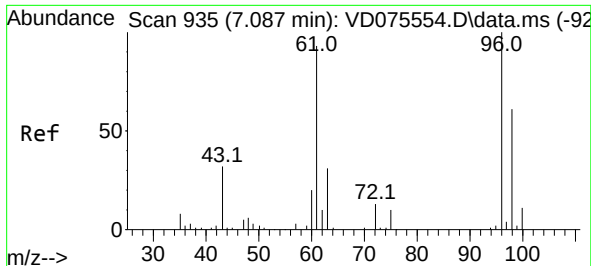
Ion Ratio Lower Upper

96 100

61 99.2 64.8 120.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 90.060 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

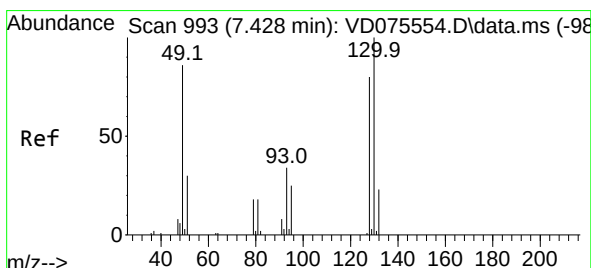
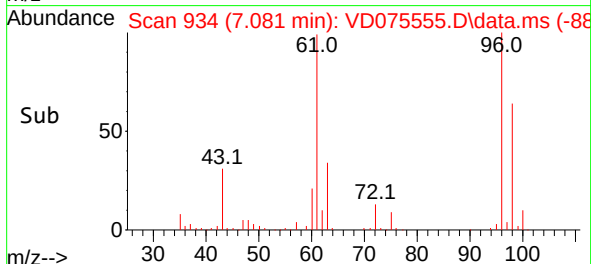
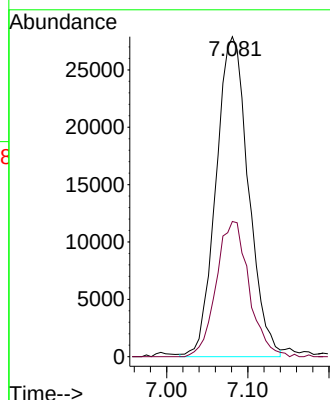
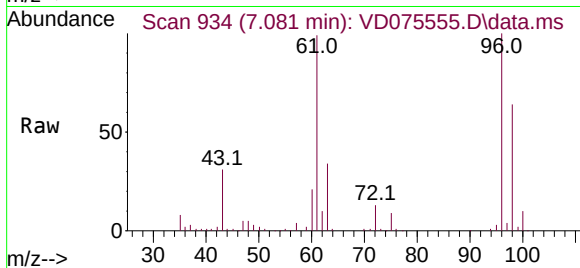
ClientSampleId :

Tgt Ion: 43 Resp: 77461

Ion Ratio Lower Upper

43 100

72 42.6 21.3 63.9



#23

Bromochloromethane

Concen: 42.657 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Tgt Ion:128 Resp: 108580

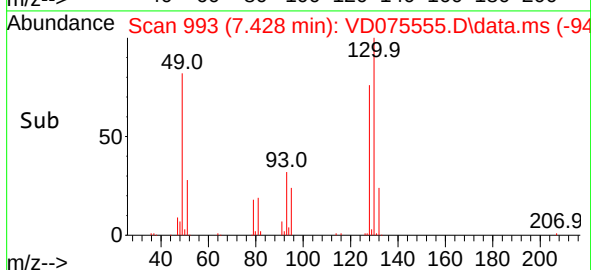
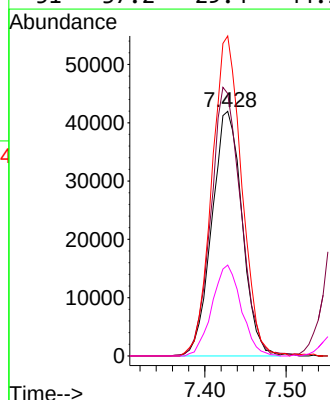
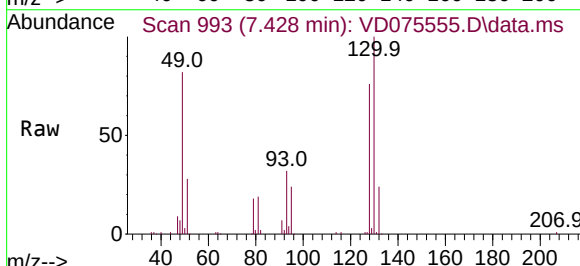
Ion Ratio Lower Upper

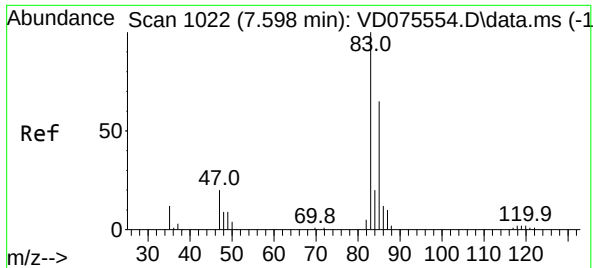
128 100

49 107.3 75.0 139.4

130 130.8 87.4 162.2

51 37.2 29.4 44.2





#25

Chloroform

Concen: 43.523 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

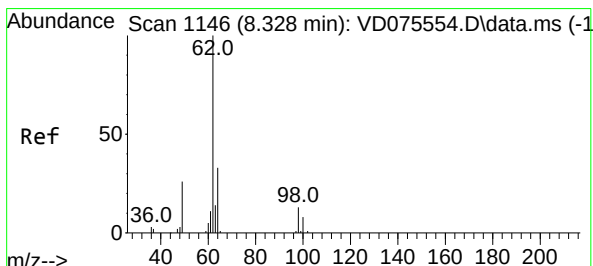
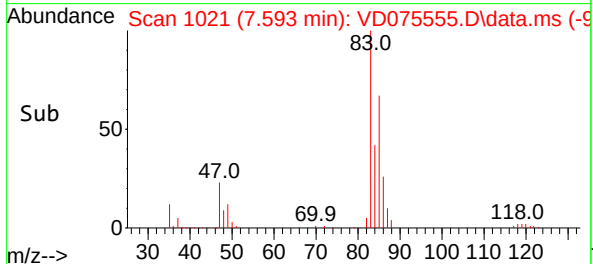
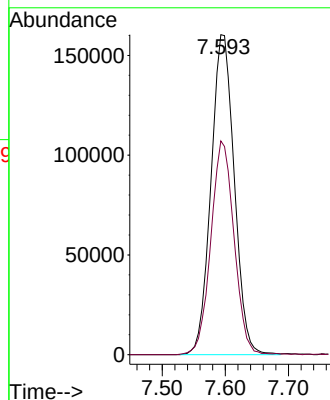
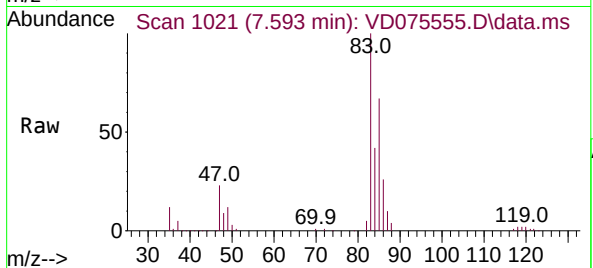
ClientSampleId :

Tgt Ion: 83 Resp: 410839

Ion Ratio Lower Upper

83 100

85 66.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 47.372 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075555.D

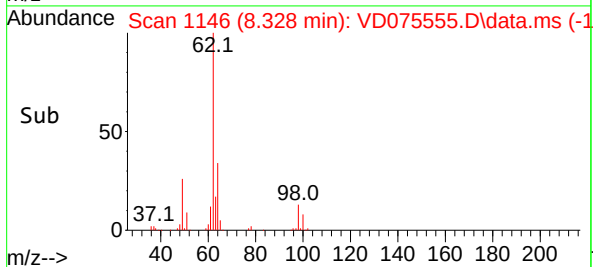
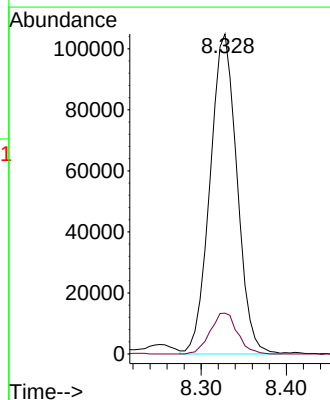
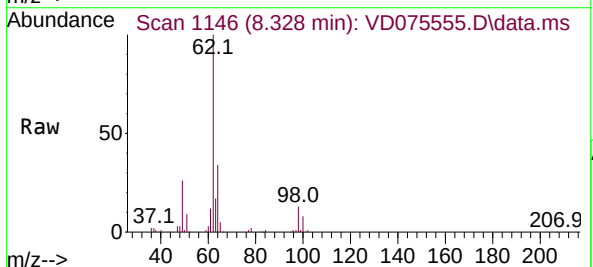
Acq: 31 Mar 2023 13:02

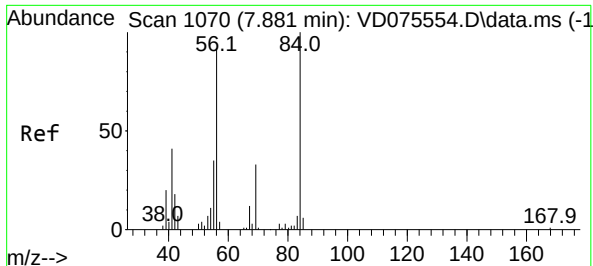
Tgt Ion: 62 Resp: 231138

Ion Ratio Lower Upper

62 100

98 12.7 10.5 15.7





#29

Cyclohexane

Concen: 52.388 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

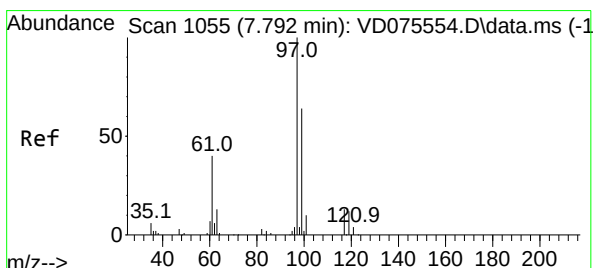
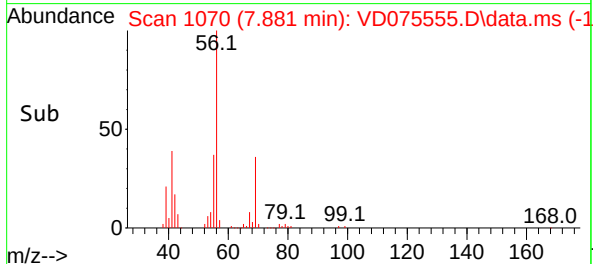
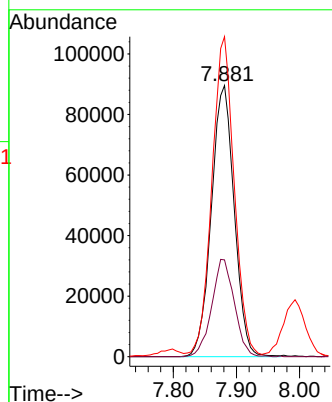
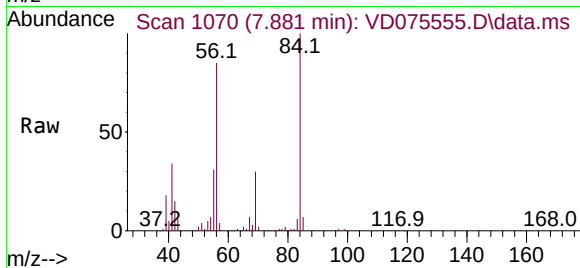
Tgt Ion: 56 Resp: 225227

Ion Ratio Lower Upper

56 100

69 35.4 28.3 42.5

84 115.0 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 48.475 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

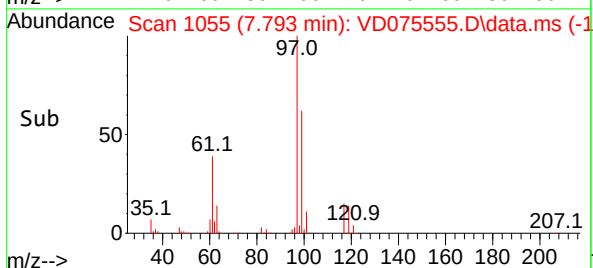
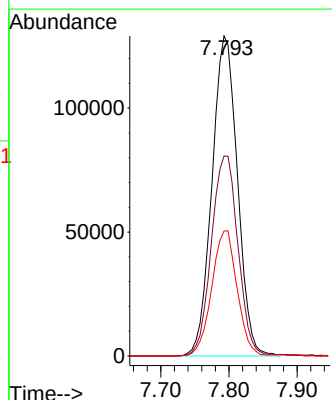
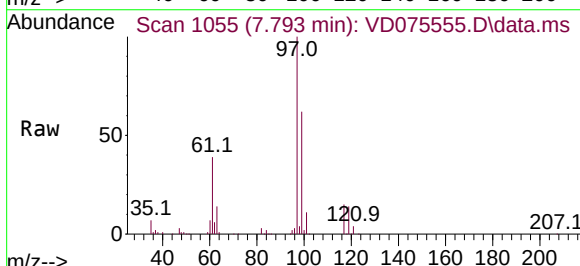
Tgt Ion: 97 Resp: 336418

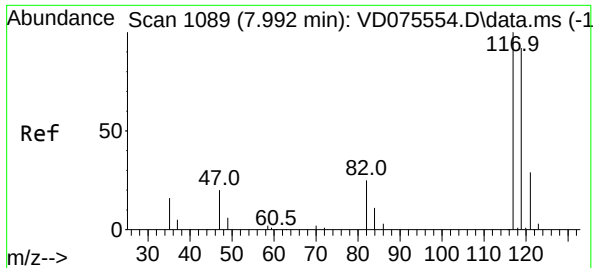
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.2

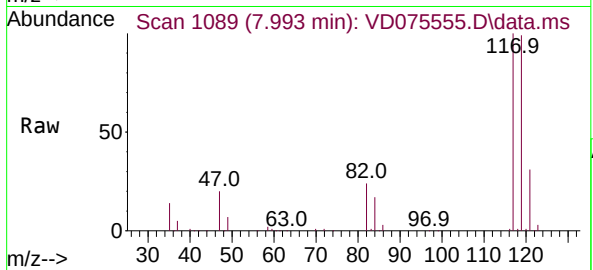
61 39.0 32.2 48.2



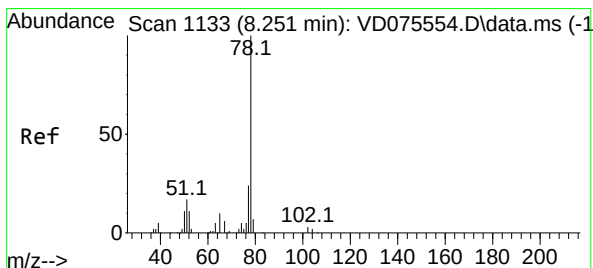
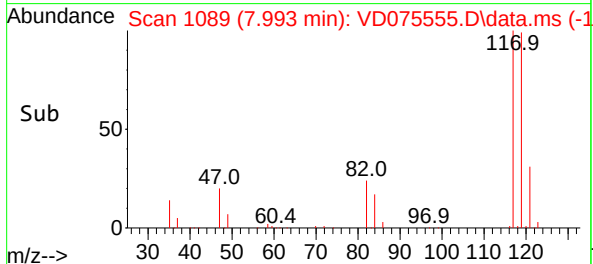
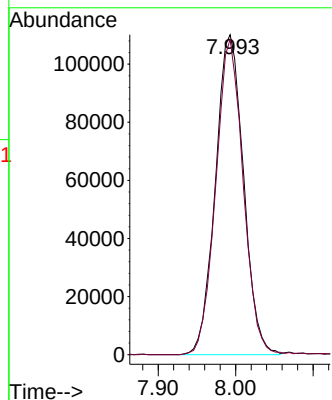


#31
Carbon tetrachloride
Concen: 49.629 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :

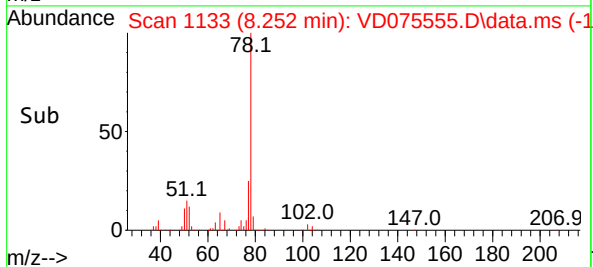
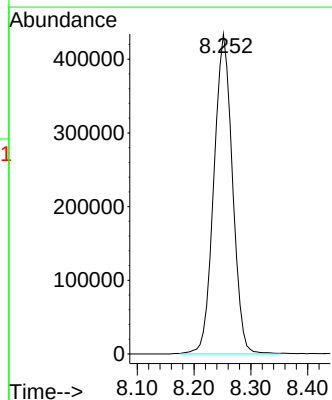
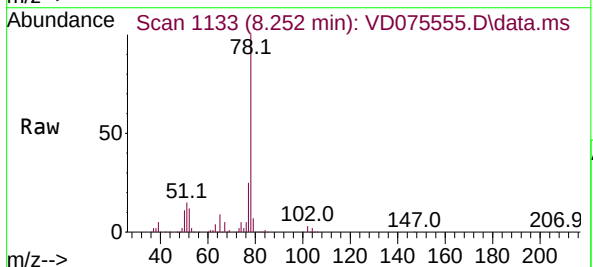


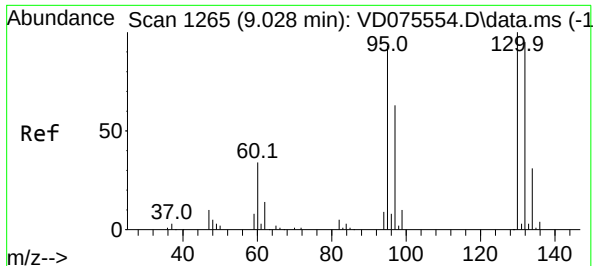
Tgt Ion:117 Resp: 278045
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6



#33
Benzene
Concen: 54.440 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

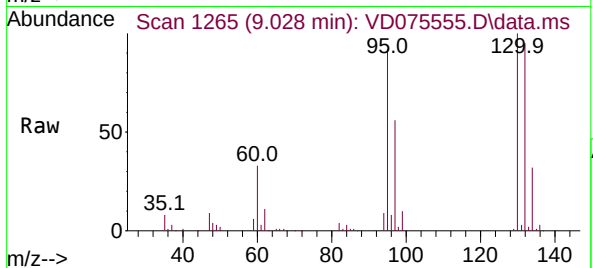
Tgt Ion: 78 Resp: 986881





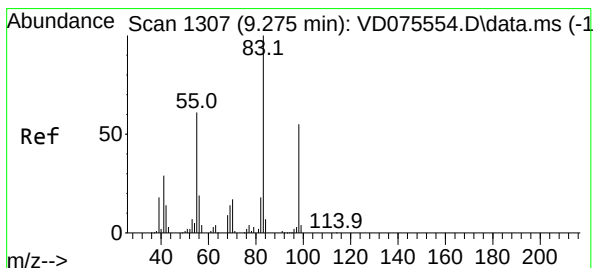
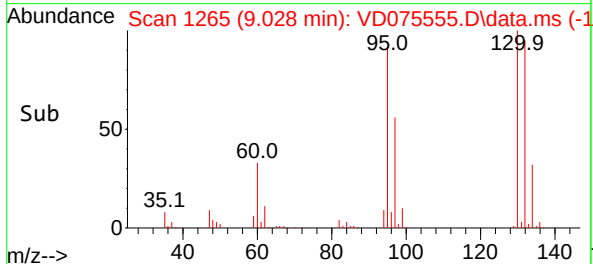
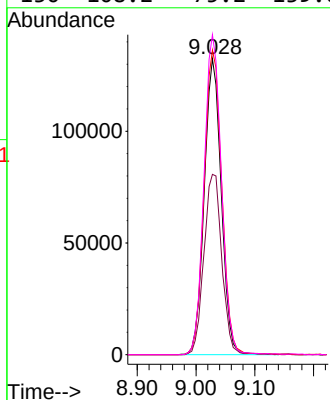
#34
Trichloroethene
Concen: 52.330 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 265771

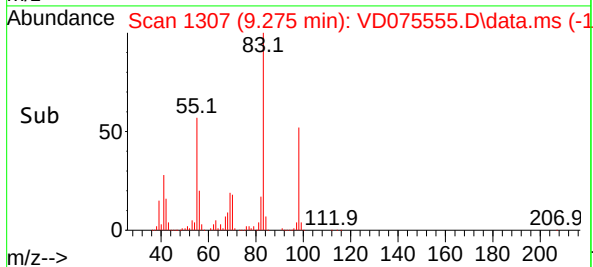
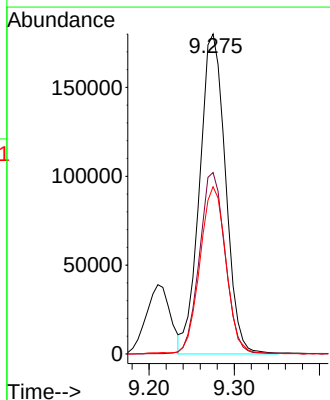
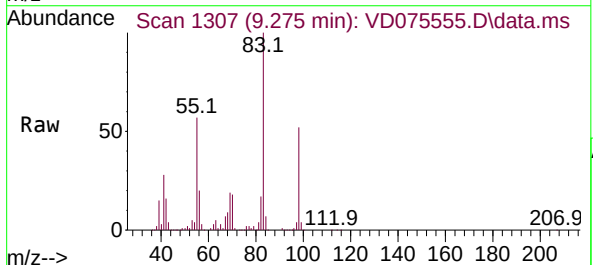
Ion	Ratio	Lower	Upper
95	100		
97	61.0	47.0	87.2
132	103.0	71.2	132.2
130	108.2	75.2	139.6

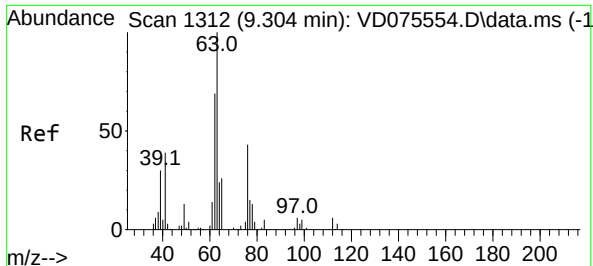


#35
Methylcyclohexane
Concen: 57.277 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 83 Resp: 380493

Ion	Ratio	Lower	Upper
83	100		
55	55.8	46.9	70.3
98	52.5	40.8	61.2





#37

1,2-Dichloropropane

Concen: 54.570 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

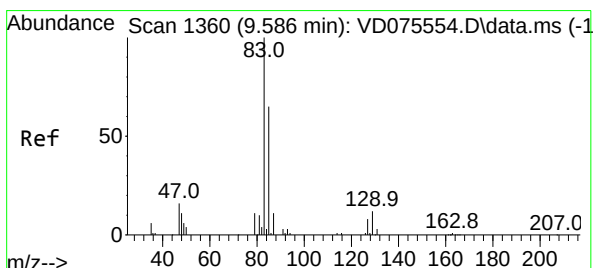
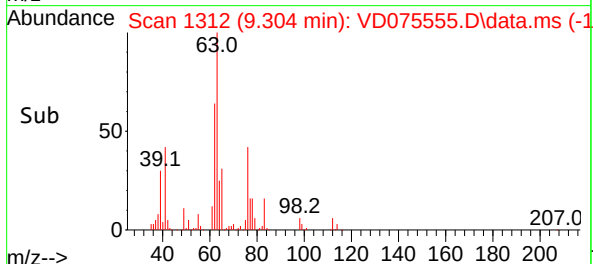
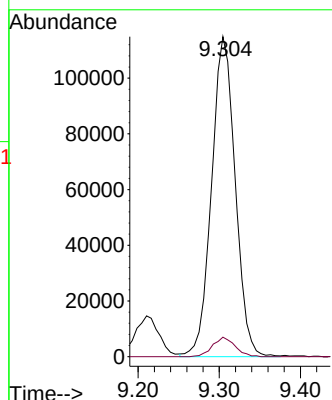
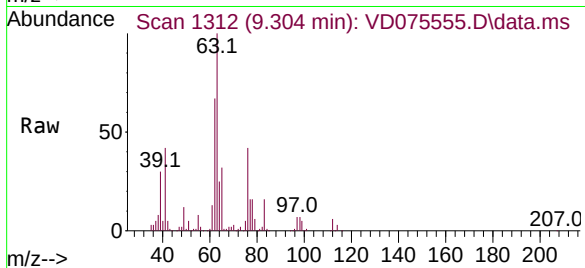
ClientSampleId :

Tgt Ion: 63 Resp: 232736

Ion Ratio Lower Upper

63 100

112 5.8 4.7 7.1



#38

Bromodichloromethane

Concen: 49.048 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

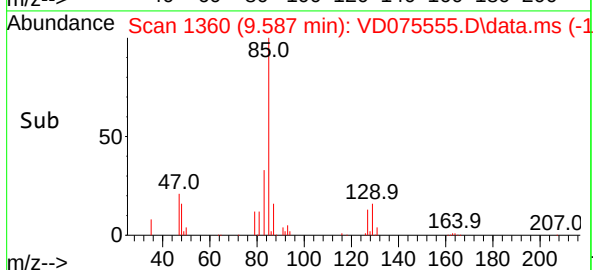
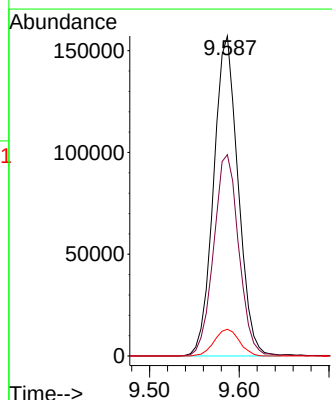
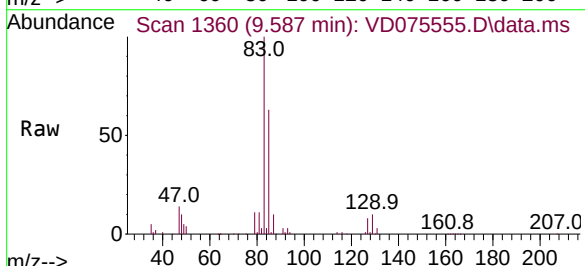
Tgt Ion: 83 Resp: 297934

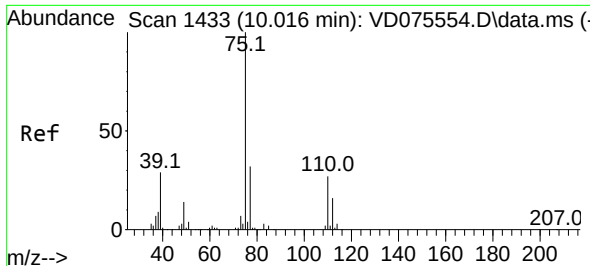
Ion Ratio Lower Upper

83 100

85 62.9 45.1 83.9

127 8.4 6.8 10.2

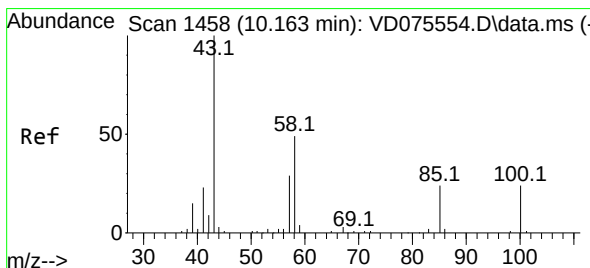
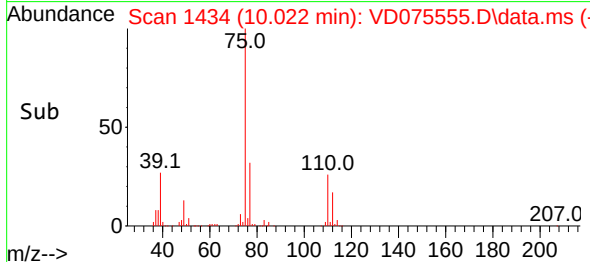
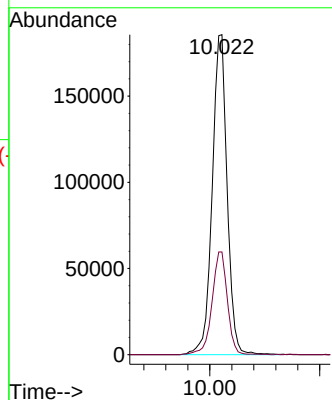
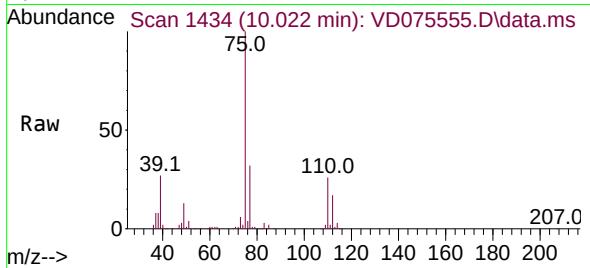




#39
 cis-1,3-Dichloropropene
 Concen: 51.756 ug/L
 RT: 10.022 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: VD075555.D
 Acq: 31 Mar 2023 13:02

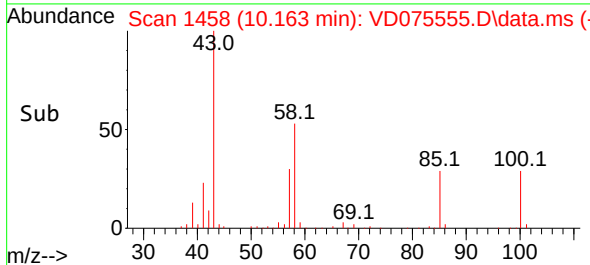
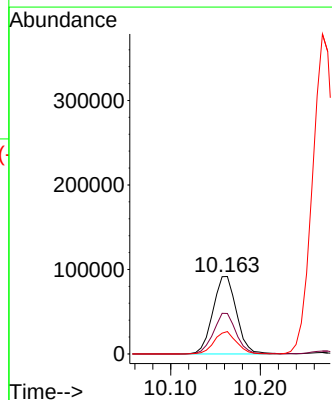
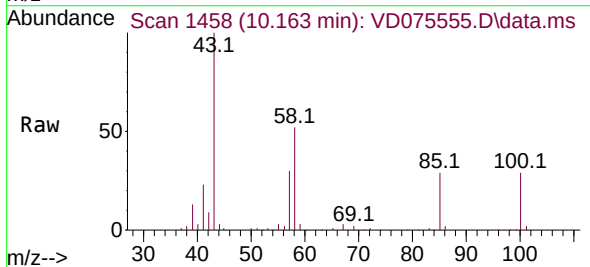
Instrument :
 MSVOA_D
 ClientSampleId :

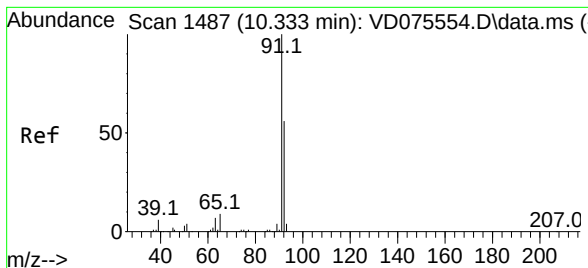
Tgt Ion: 75 Resp: 349982
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 104.630 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VD075555.D
 Acq: 31 Mar 2023 13:02

Tgt Ion: 43 Resp: 167259
 Ion Ratio Lower Upper
 43 100
 58 50.5 39.4 59.0
 100 27.4 20.3 30.5





#42

Toluene

Concen: 50.937 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

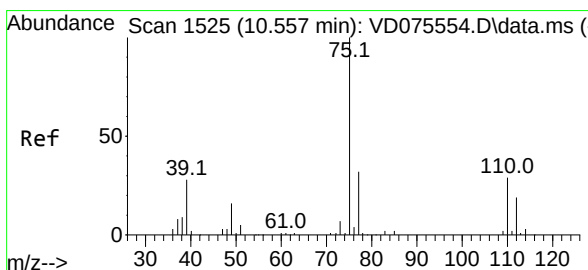
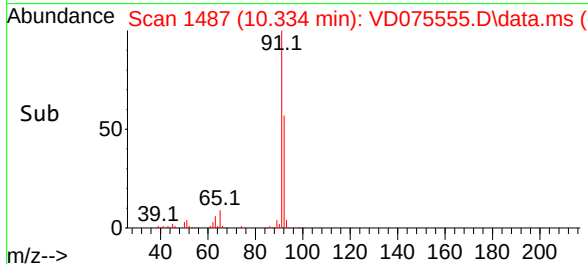
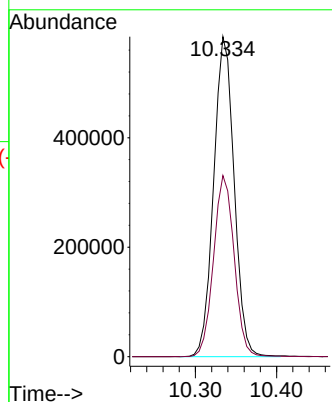
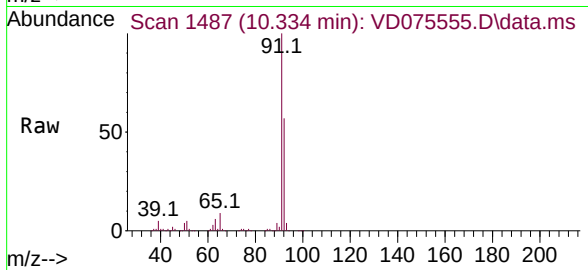
ClientSampleId :

Tgt Ion: 91 Resp: 1025930

Ion Ratio Lower Upper

91 100

92 56.6 39.1 72.7



#44

trans-1,3-Dichloropropene

Concen: 50.967 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075555.D

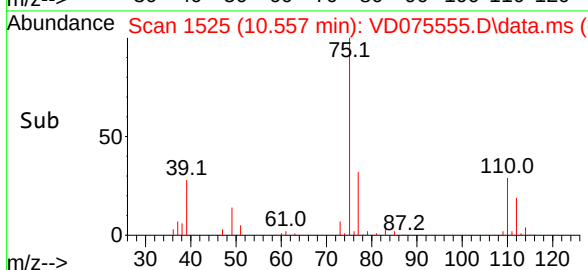
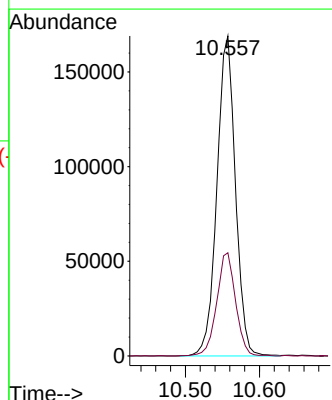
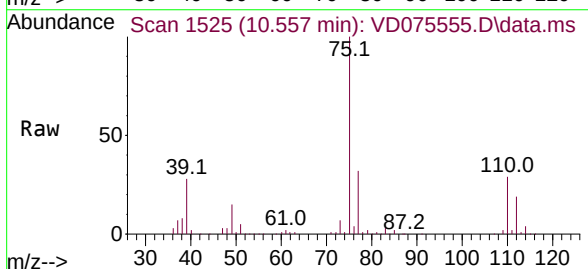
Acq: 31 Mar 2023 13:02

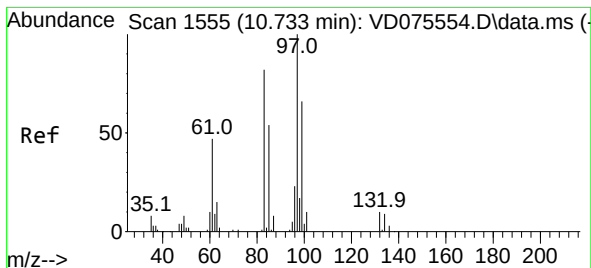
Tgt Ion: 75 Resp: 293030

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 48.267 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 188908

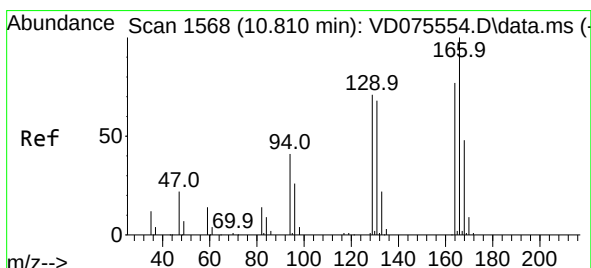
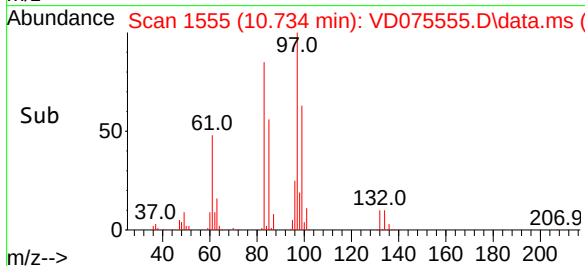
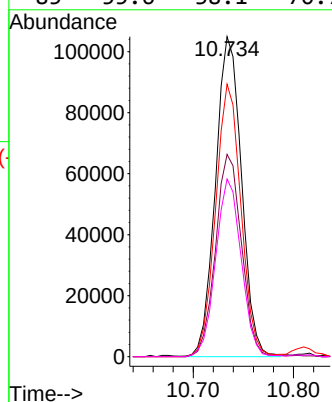
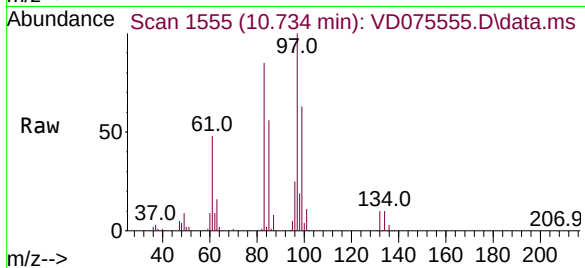
Ion Ratio Lower Upper

97 100

99 63.2 46.4 86.2

83 85.1 57.1 106.1

85 55.6 38.1 70.7



#46

Tetrachloroethene

Concen: 46.737 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Tgt Ion:164 Resp: 185898

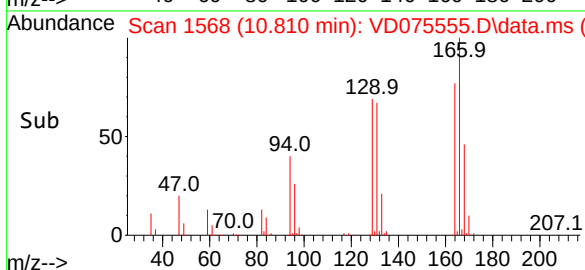
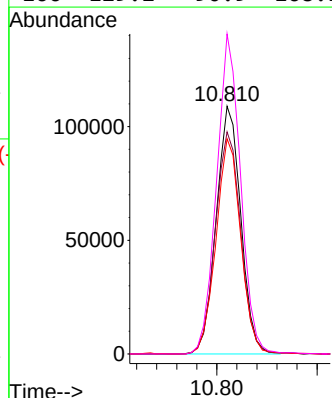
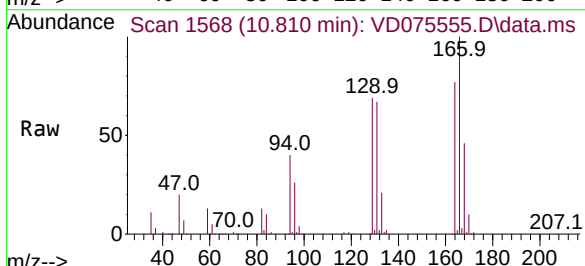
Ion Ratio Lower Upper

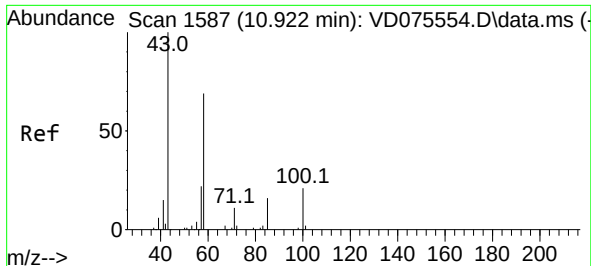
164 100

129 89.6 64.8 120.3

131 86.9 61.7 114.7

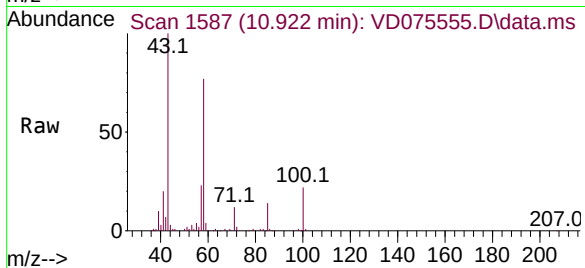
166 129.2 90.9 168.9



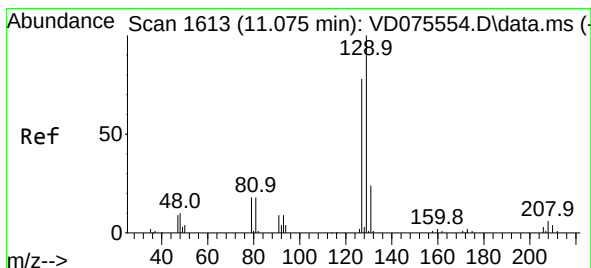
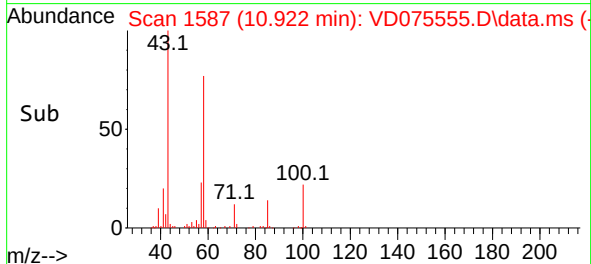
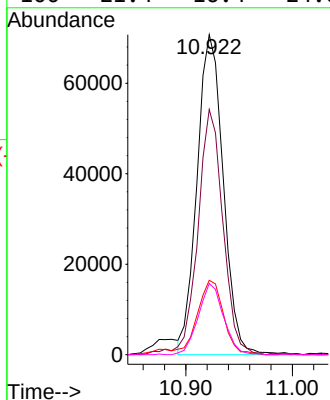


#48
2-Hexanone
Concen: 112.323 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Instrument :
MSVOA_D
ClientSampleId :

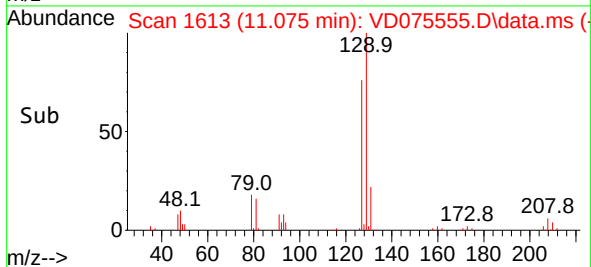
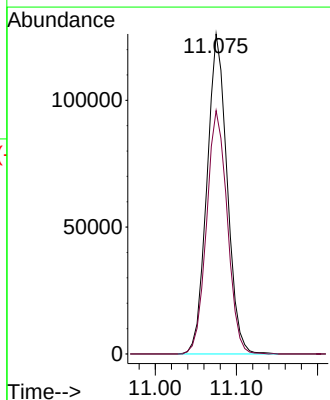
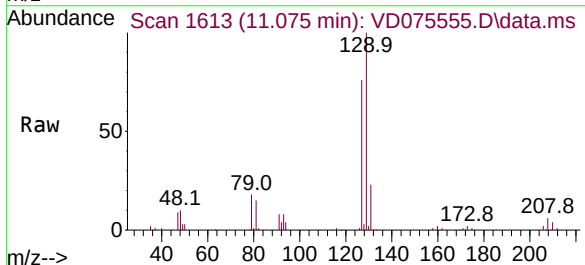


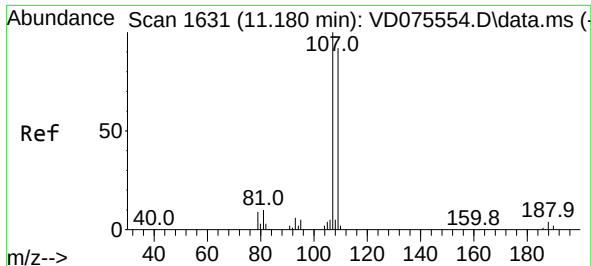
Tgt Ion: 43 Resp: 121012
Ion Ratio Lower Upper
43 100
58 73.5 55.8 83.6
57 23.2 18.6 27.8
100 21.4 16.4 24.6



#49
Dibromochloromethane
Concen: 51.403 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 129 Resp: 217816
Ion Ratio Lower Upper
129 100
127 76.1 54.5 101.1

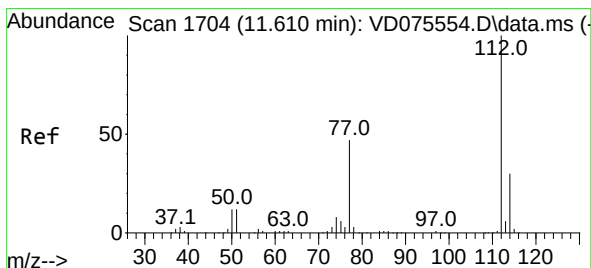
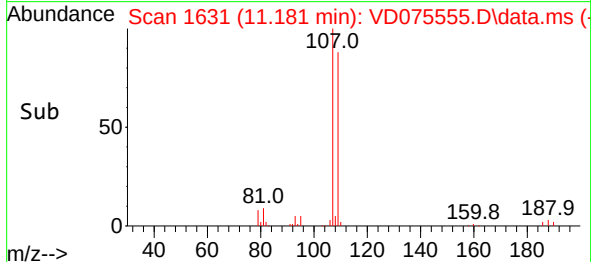
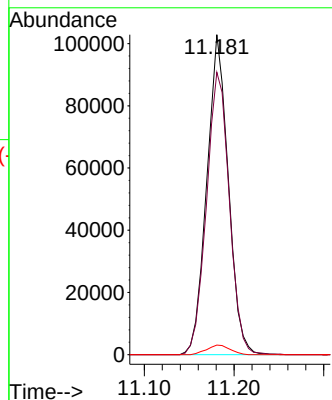
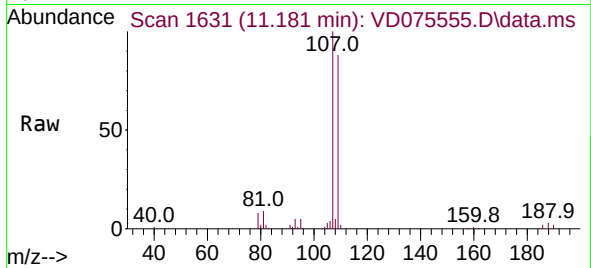




#50
1,2-Dibromoethane
Concen: 49.959 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

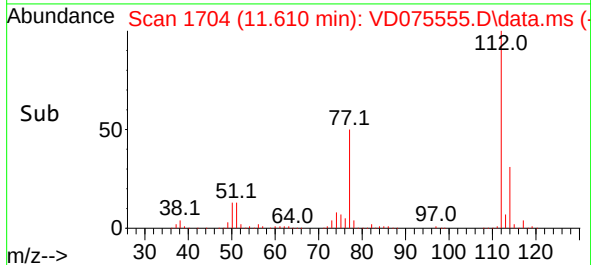
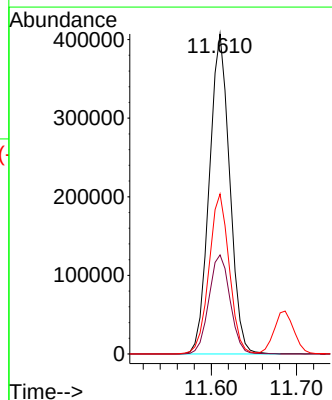
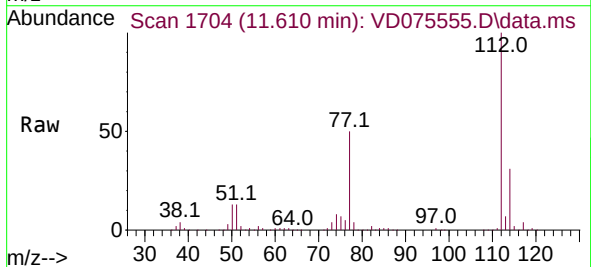
Instrument :
MSVOA_D
ClientSampleId :

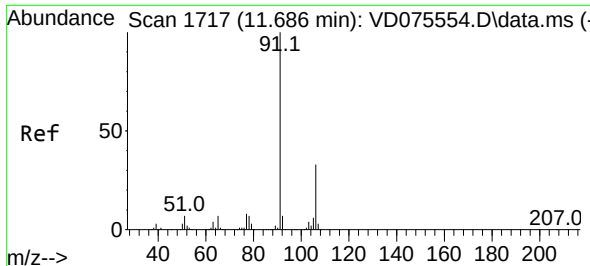
Tgt Ion:107 Resp: 171315
Ion Ratio Lower Upper
107 100
109 88.2 64.8 120.3
188 3.0 3.4 5.0#



#51
Chlorobenzene
Concen: 49.822 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion:112 Resp: 675831
Ion Ratio Lower Upper
112 100
114 31.0 21.1 39.1
77 50.0 37.8 56.6

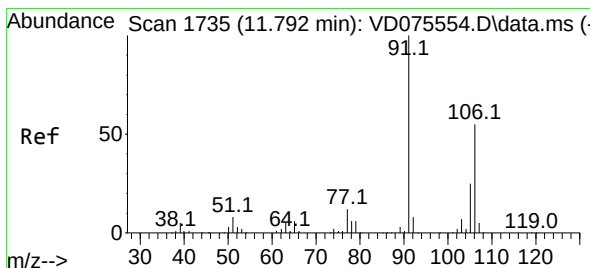
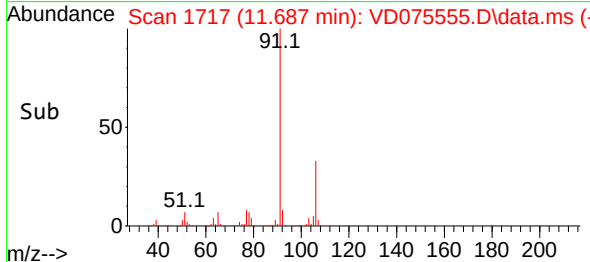
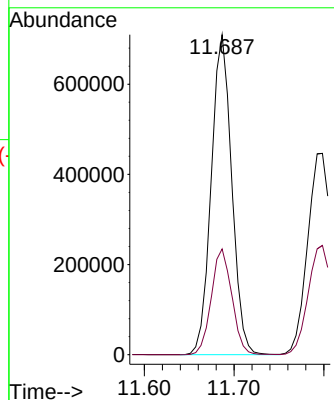
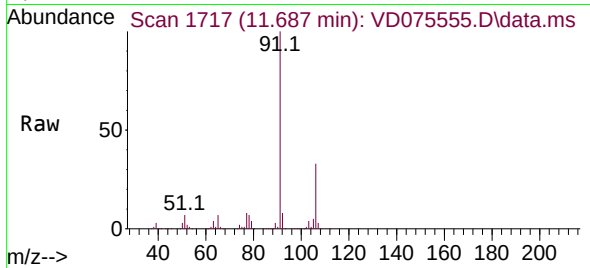




#52
Ethylbenzene
Concen: 53.146 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

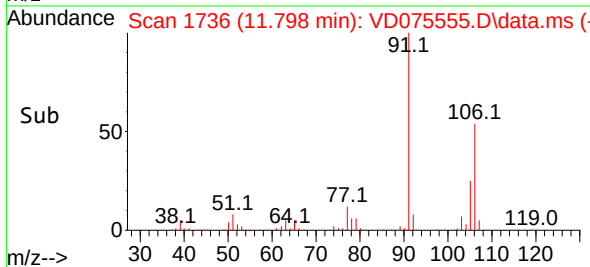
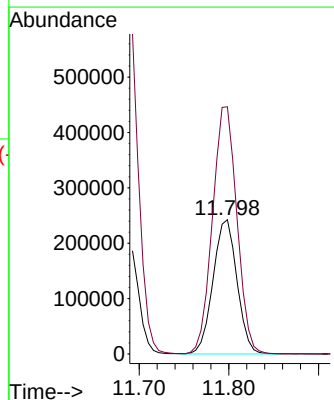
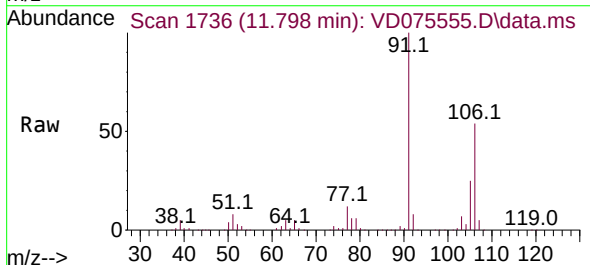
Instrument :
MSVOA_D
ClientSampleId :

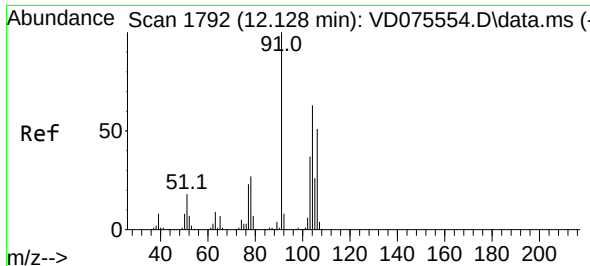
Tgt Ion: 91 Resp: 1125628
Ion Ratio Lower Upper
91 100
106 33.1 23.2 43.2



#53
m,p-Xylene
Concen: 54.088 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 106 Resp: 449212
Ion Ratio Lower Upper
106 100
91 184.1 126.7 235.3

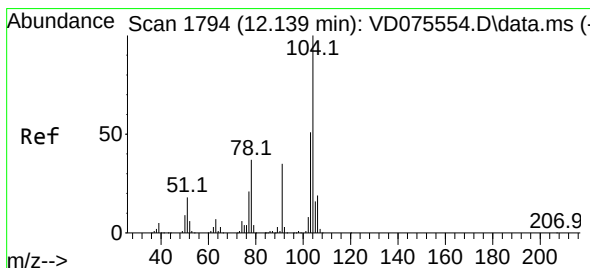
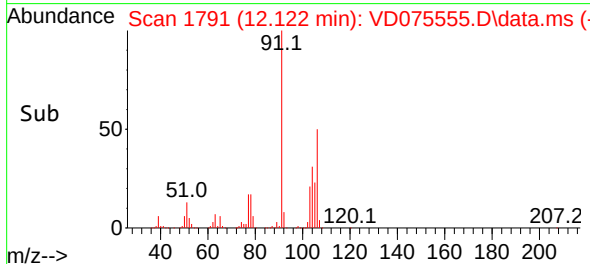
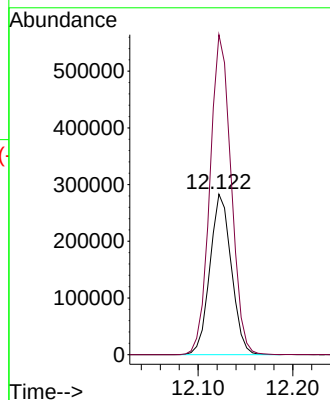
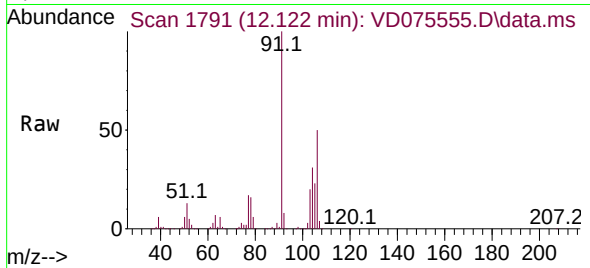




#54
o-Xylene
Concen: 56.326 ug/L
RT: 12.122 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

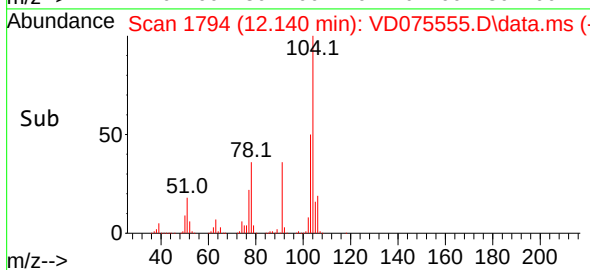
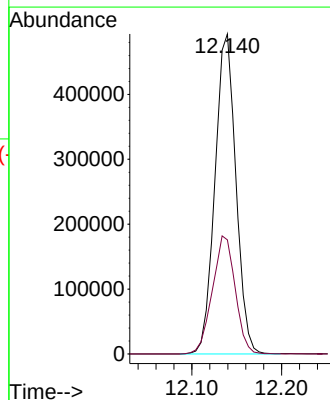
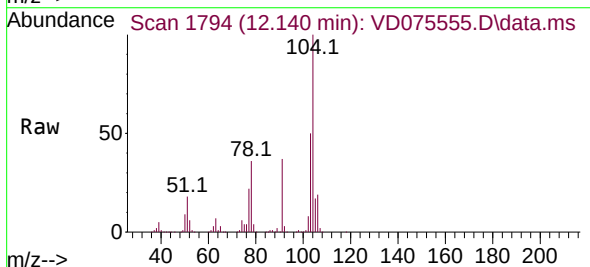
Instrument :
MSVOA_D
ClientSampleId :

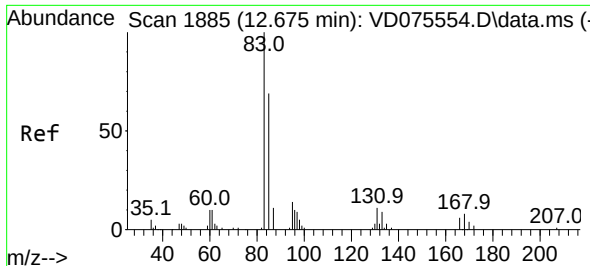
Tgt Ion:106 Resp: 445442
Ion Ratio Lower Upper
106 100
91 199.4 138.3 256.9



#55
Styrene
Concen: 56.761 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion:104 Resp: 799844
Ion Ratio Lower Upper
104 100
78 35.7 25.8 47.8

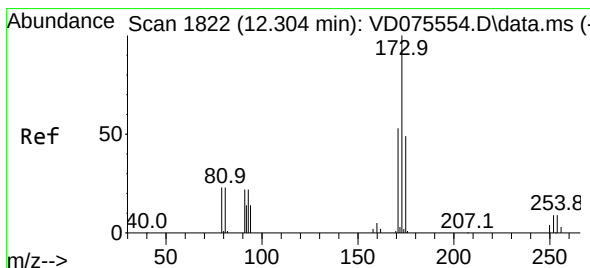
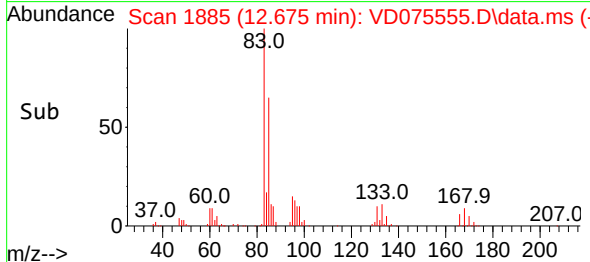
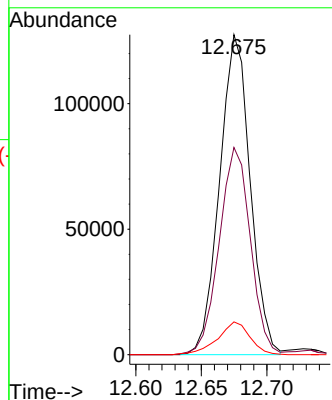
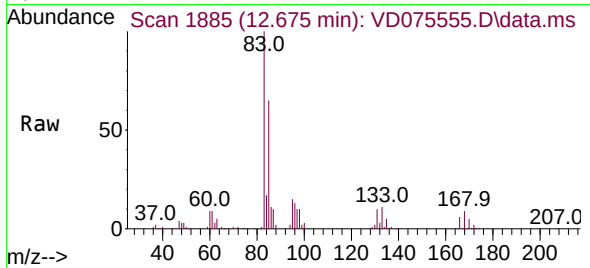




#57
1,1,2,2-Tetrachloroethane
Concen: 51.174 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

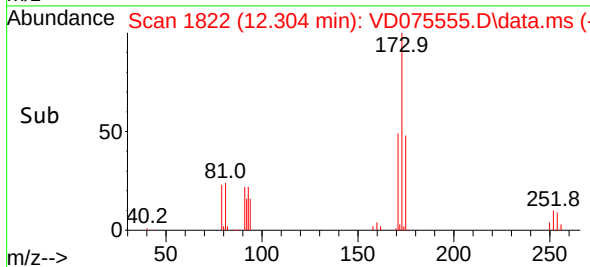
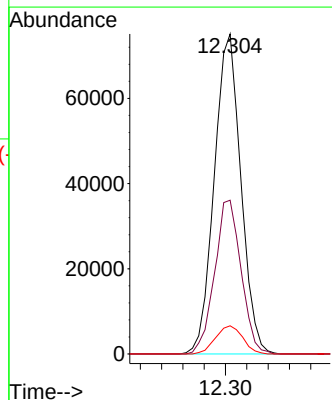
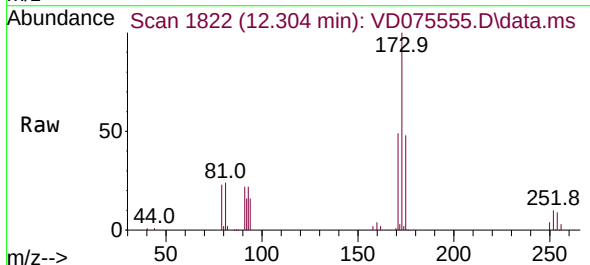
Instrument :
MSVOA_D
ClientSampleId :

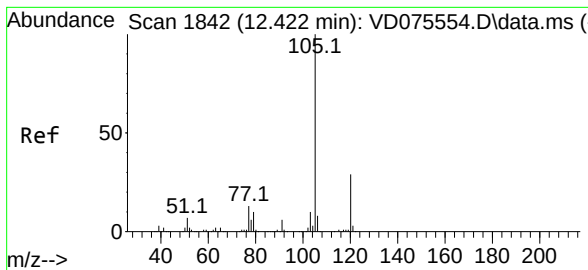
Tgt Ion: 83 Resp: 206696
Ion Ratio Lower Upper
83 100
85 64.8 48.7 90.5
131 10.3 9.3 13.9



#59
Bromoform
Concen: 47.517 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 173 Resp: 130114
Ion Ratio Lower Upper
173 100
175 47.7 38.7 58.1
254 9.0 7.7 11.5

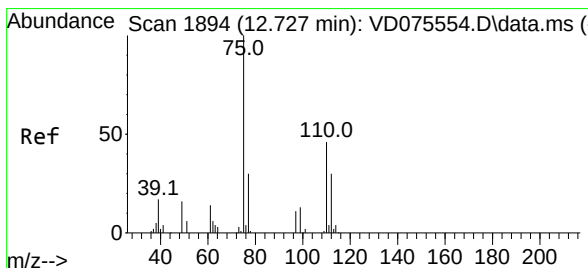
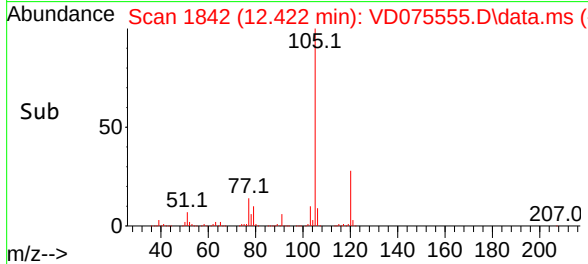
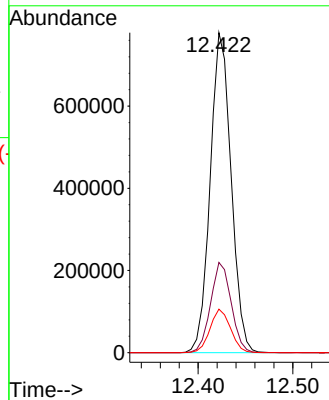
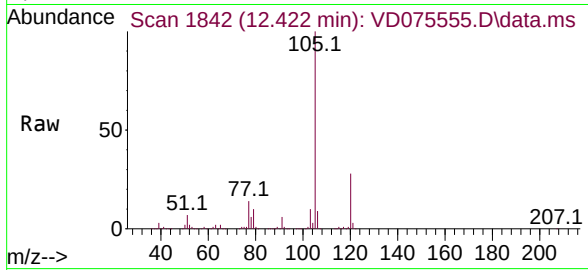




#60
Isopropylbenzene
Concen: 51.206 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

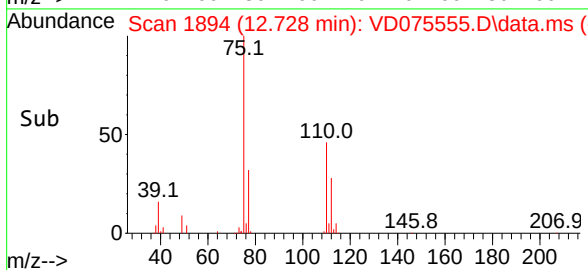
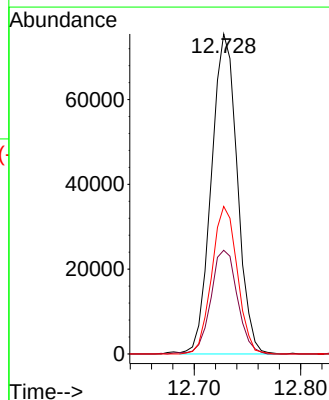
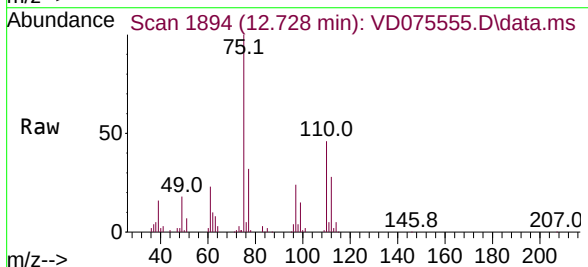
Instrument :
MSVOA_D
ClientSampleId :

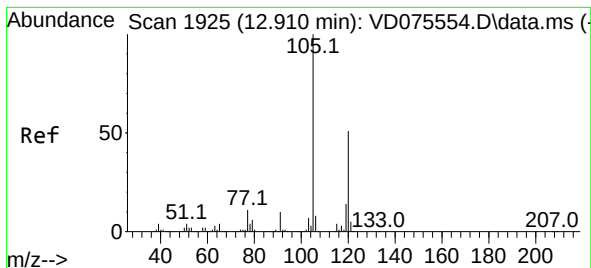
Tgt Ion:105 Resp: 1197087
Ion Ratio Lower Upper
105 100
120 27.8 22.5 33.7
77 13.4 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 45.481 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 75 Resp: 127458
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 45.4 35.9 53.9





#62

1,3,5-Trimethylbenzene

Concen: 52.766 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

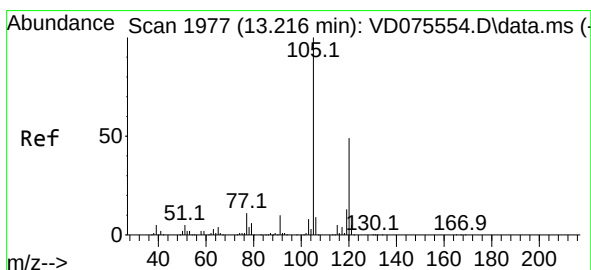
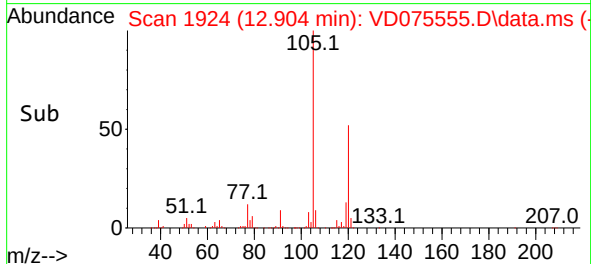
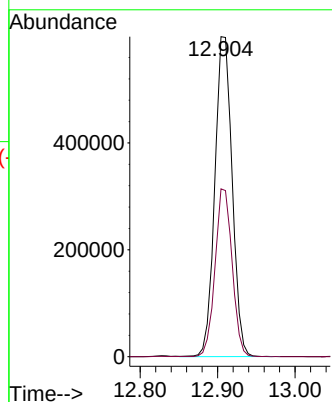
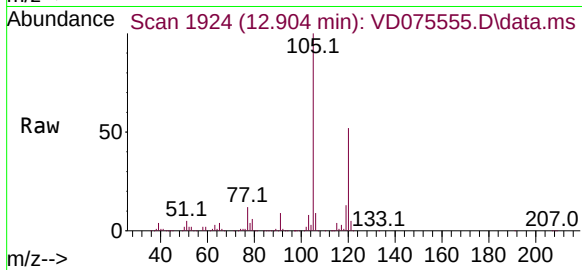
ClientSampleId :

Tgt Ion:105 Resp: 930456

Ion Ratio Lower Upper

105 100

120 51.7 41.1 61.7



#63

1,2,4-Trimethylbenzene

Concen: 53.607 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075555.D

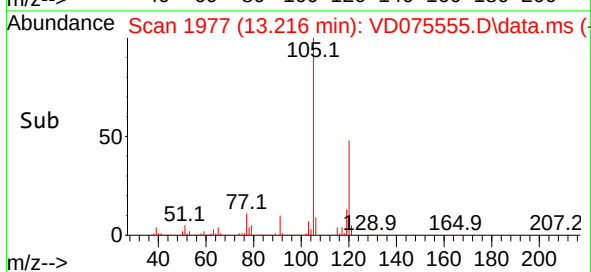
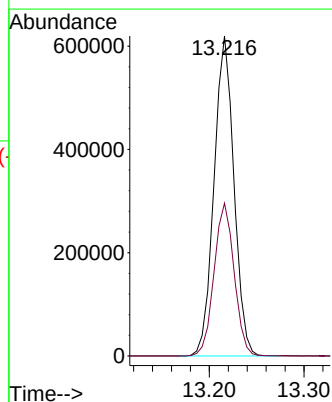
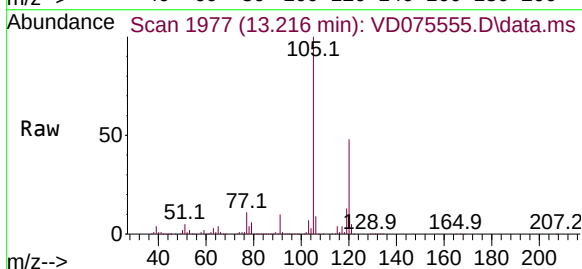
Acq: 31 Mar 2023 13:02

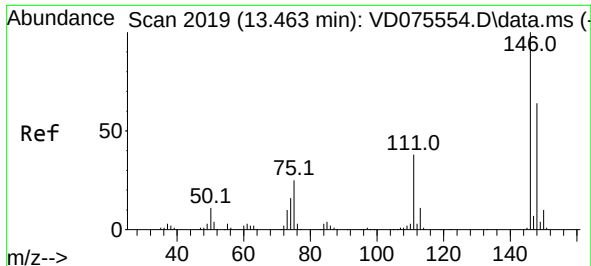
Tgt Ion:105 Resp: 903934

Ion Ratio Lower Upper

105 100

120 48.2 39.0 58.4

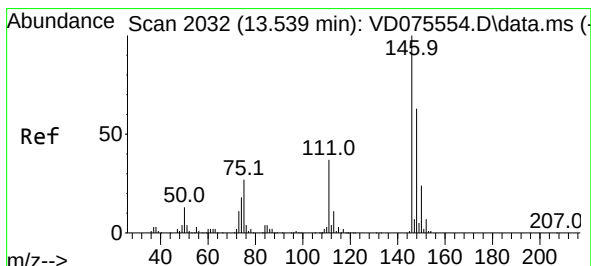
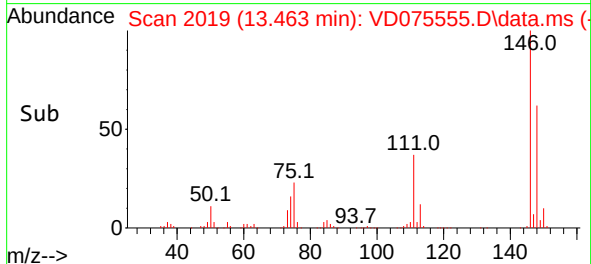
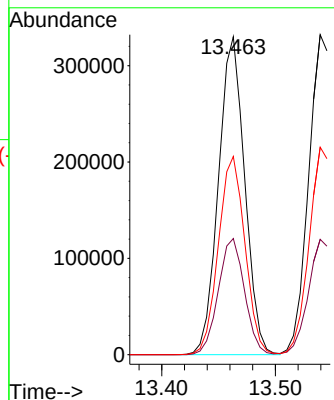
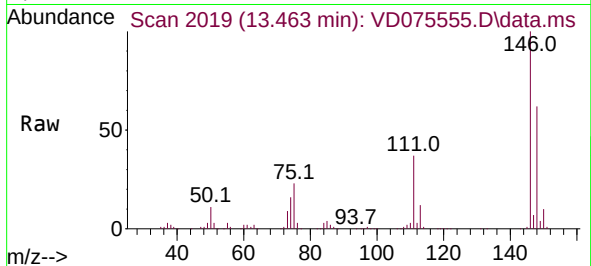




#64
1,3-Dichlorobenzene
Concen: 50.040 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

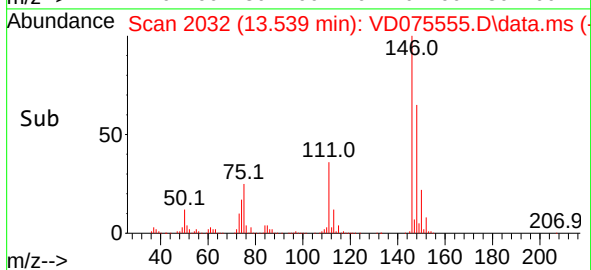
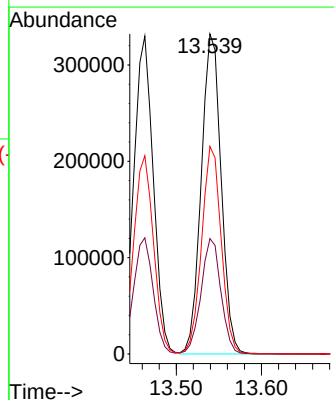
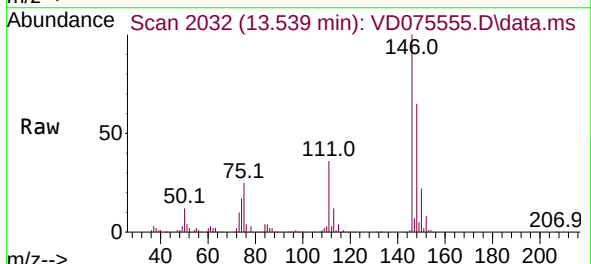
Instrument :
MSVOA_D
ClientSampleId :

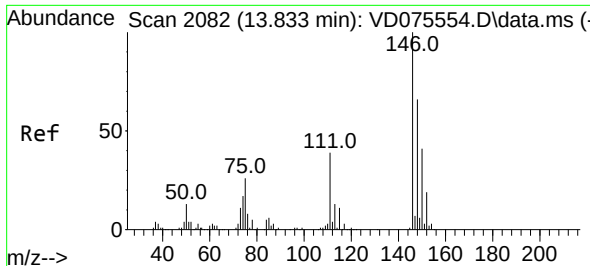
Tgt Ion:146 Resp: 529712
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.8
148 62.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.863 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075555.D
Acq: 31 Mar 2023 13:02

Tgt Ion:146 Resp: 539532
Ion Ratio Lower Upper
146 100
111 36.0 26.0 48.4
148 64.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 50.993 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

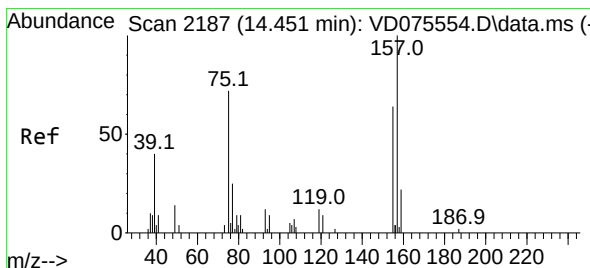
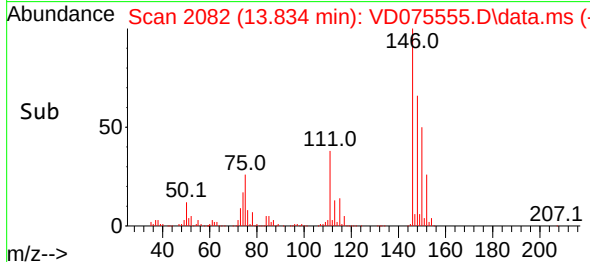
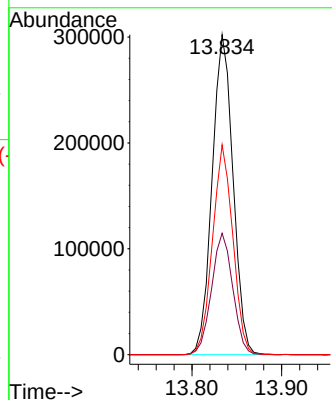
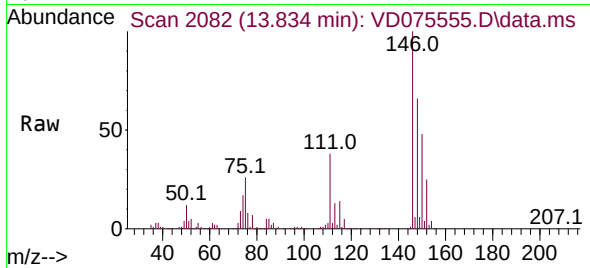
Tgt Ion:146 Resp: 488901

Ion Ratio Lower Upper

146 100

111 37.9 31.3 46.9

148 65.6 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.493 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

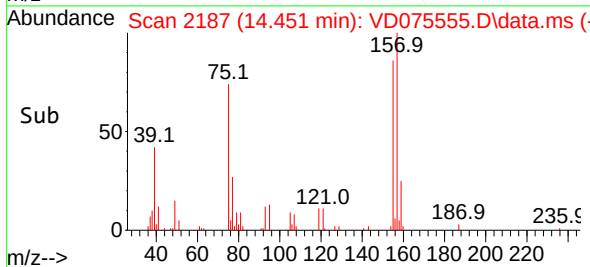
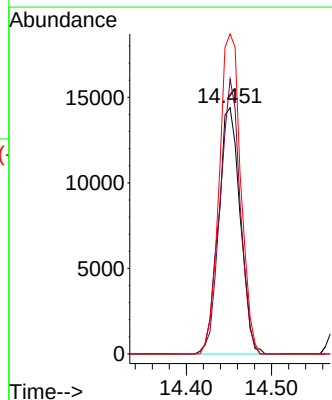
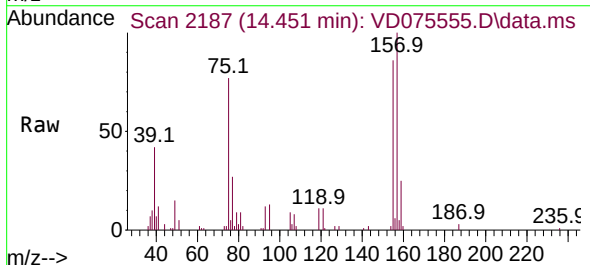
Tgt Ion: 75 Resp: 25674

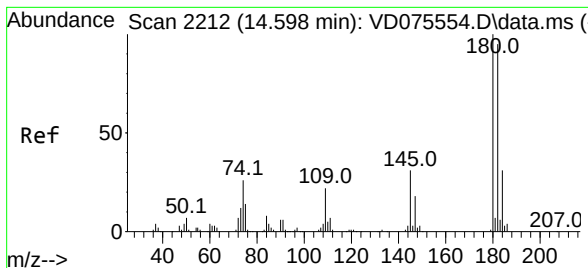
Ion Ratio Lower Upper

75 100

155 111.6 70.6 106.0#

157 130.0 111.3 166.9





#69

1,3,5-Trichlorobenzene

Concen: 50.870 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.000 min

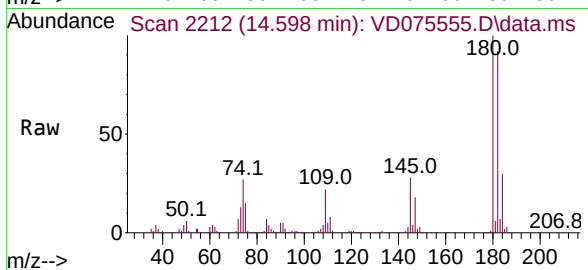
Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 332091

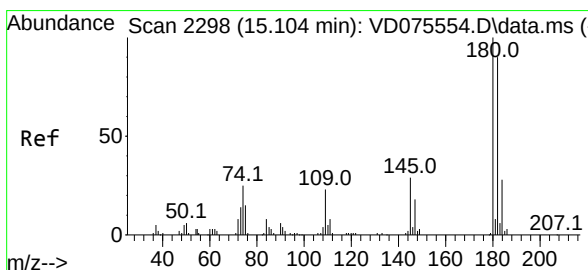
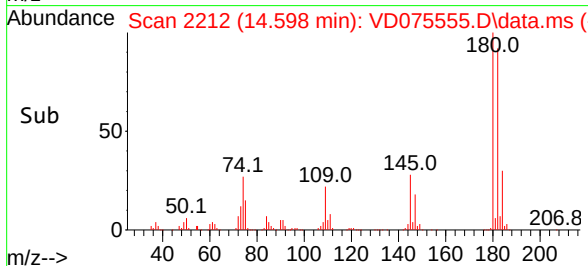
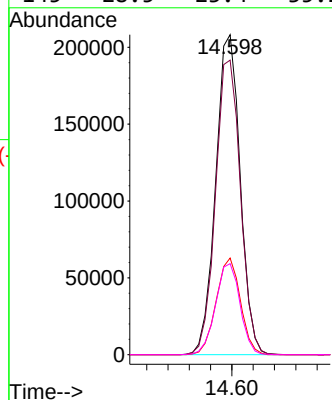
Ion Ratio Lower Upper

180 100

182 93.7 76.9 115.3

184 29.9 24.6 36.8

145 28.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 51.149 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

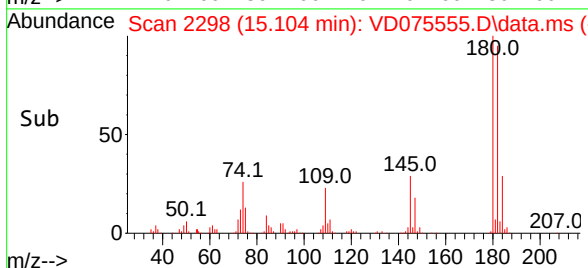
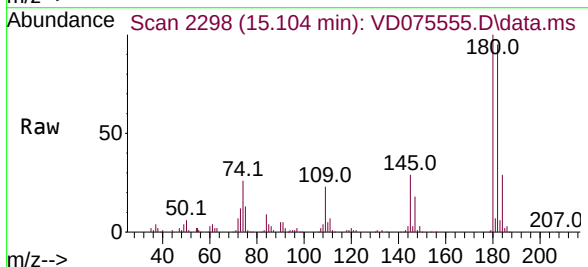
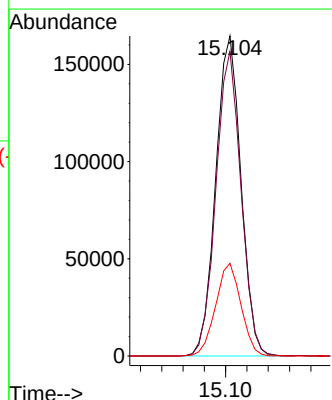
Tgt Ion:180 Resp: 270320

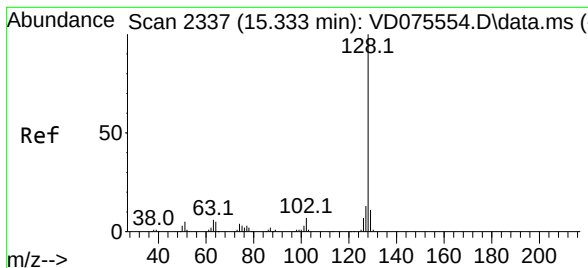
Ion Ratio Lower Upper

180 100

182 94.4 74.2 111.2

145 29.0 22.9 34.3





#71

Naphthalene

Concen: 55.072 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_D

ClientSampleId :

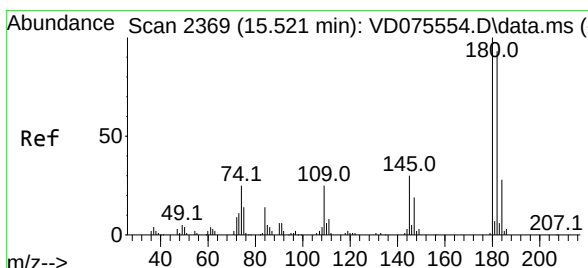
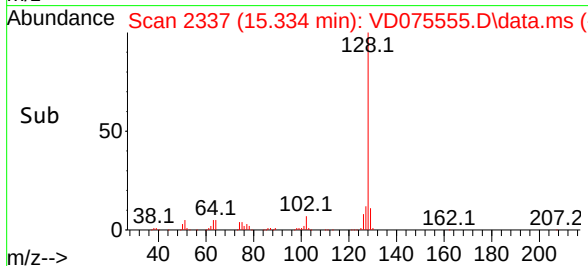
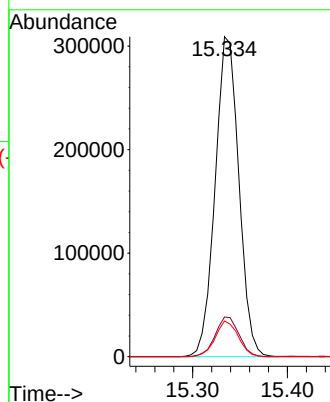
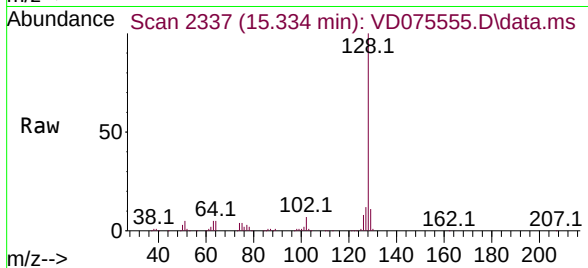
Tgt Ion:128 Resp: 538130

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 50.534 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075555.D

Acq: 31 Mar 2023 13:02

Tgt Ion:180 Resp: 239227

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 31.0 25.2 37.8

