

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075556.D
 Acq On : 31 Mar 2023 13:31
 Operator : KP/SY
 Sample : VSTD10021
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 23:57:44 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	452704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	441946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	185351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	990502	93.972	ug/L	0.00
7) Chloroethane-d5	2.805	69	859887	91.680	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	835783	98.307	ug/L	0.00
21) 2-Butanone-d5	6.987	46	133312	194.218	ug/L	0.00
24) Chloroform-d	7.569	84	966950	90.596	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	450964	95.344	ug/L	0.00
32) Benzene-d6	8.204	84	2363255	91.467	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	654548	95.060	ug/L	0.00
41) Toluene-d8	10.269	98	2486936	102.651	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	286831	99.927	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	169795	208.385	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	431276	83.608	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	663085	104.290	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	329410	77.642	ug/L	98
3) Chloromethane	2.152	50	415292	74.801	ug/L	96
5) Vinyl chloride	2.287	62	687571	79.463	ug/L	98
6) Bromomethane	2.693	94	501246	84.902	ug/L	98
8) Chloroethane	2.840	64	476689	79.078	ug/L	97
9) Trichlorofluoromethane	3.181	101	618383	82.193	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	446930	85.512	ug/L	99
12) 1,1-Dichloroethene	3.940	96	395289	91.552	ug/L	88
13) Acetone	4.022	43	115163	159.974	ug/L	96
14) Carbon disulfide	4.275	76	804147	77.847	ug/L	99
15) Methyl Acetate	4.558	43	102057	84.597	ug/L	99
16) Methylene chloride	4.805	84	419463	67.408	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	413554	90.222	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	868967	99.705	ug/L	99
19) 1,1-Dichloroethane	6.116	63	668783	85.116	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	515061	95.694	ug/L	98
22) 2-Butanone	7.081	43	153051	178.478	ug/L	99
23) Bromochloromethane	7.428	128	218384	86.052	ug/L	96
25) Chloroform	7.593	83	822025	87.342	ug/L	99
27) 1,2-Dichloroethane	8.328	62	434801	89.380	ug/L	99
29) Cyclohexane	7.881	56	450285	83.490	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	669175	76.862	ug/L	98
31) Carbon tetrachloride	7.993	117	551408	78.456	ug/L	100
33) Benzene	8.252	78	1948361	85.674	ug/L	100
34) Trichloroethene	9.028	95	554867	87.089	ug/L	95
35) Methylcyclohexane	9.275	83	804596	96.549	ug/L	97
37) 1,2-Dichloropropane	9.304	63	494282	92.384	ug/L	99
38) Bromodichloromethane	9.587	83	702851	92.235	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	847405	99.893	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	391086	195.017	ug/L	96
42) Toluene	10.334	91	2404947	95.181	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	681384	94.472	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 23:54:54 2023
 Response via : Initial Calibration

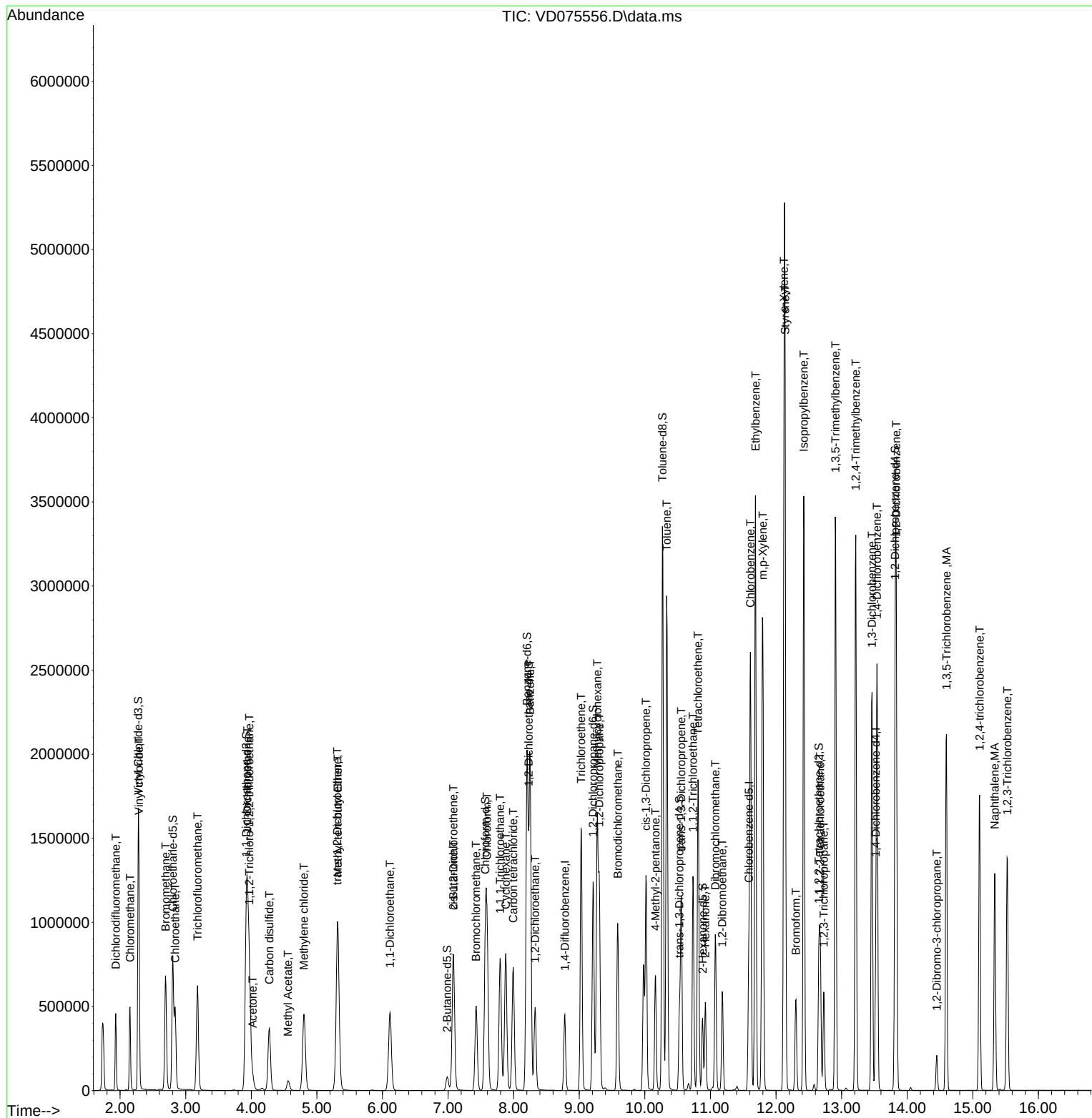
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	446831	91.007	ug/L	96
46) Tetrachloroethene	10.810	164	474040	95.001	ug/L	96
48) 2-Hexanone	10.922	43	280543	207.574	ug/L	99
49) Dibromochloromethane	11.075	129	521025	98.014	ug/L	99
50) 1,2-Dibromoethane	11.181	107	402916	93.661	ug/L	97
51) Chlorobenzene	11.610	112	1622860	95.367	ug/L	97
52) Ethylbenzene	11.687	91	2626093	98.836	ug/L	98
53) m,p-Xylene	11.798	106	1059317	101.674	ug/L	99
54) o-Xylene	12.122	106	1032665	104.091	ug/L	98
55) Styrene	12.140	104	1793374	101.449	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	404815	79.892	ug/L	95
59) Bromoform	12.304	173	265526	92.630	ug/L	98
60) Isopropylbenzene	12.422	105	2434902	99.494	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	246072	83.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1919069	103.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	1878989	106.446	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	1107302	99.923	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1105952	95.681	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	1003996	100.033	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	50061	84.736	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	713294	104.375	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	587110	106.120	ug/L	99
71) Naphthalene	15.333	128	1164411	113.835	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	517512	104.427	ug/L	99

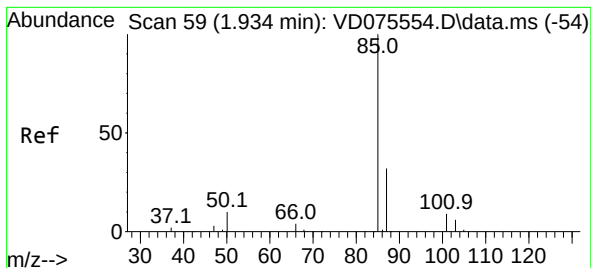
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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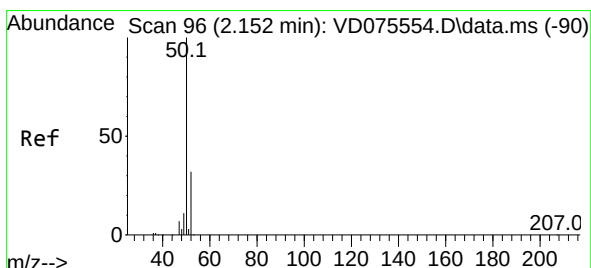
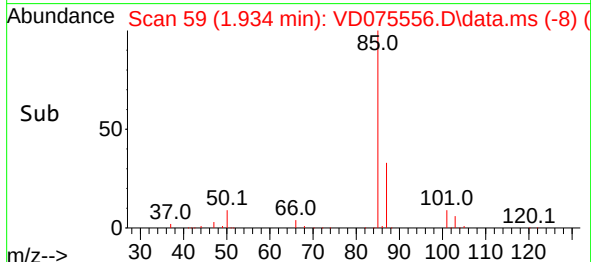
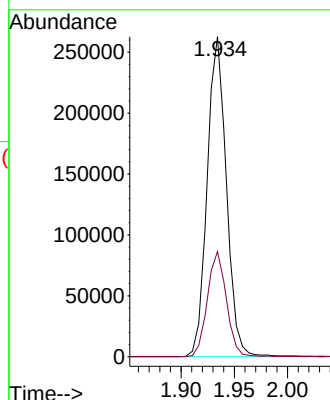
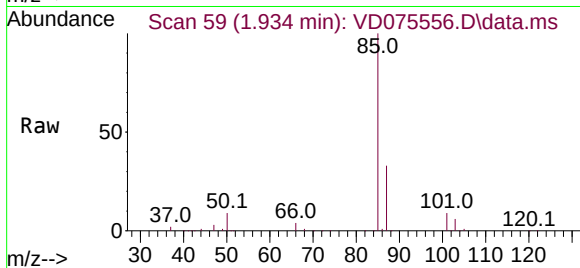




#2
 Dichlorodifluoromethane
 Concen: 77.642 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

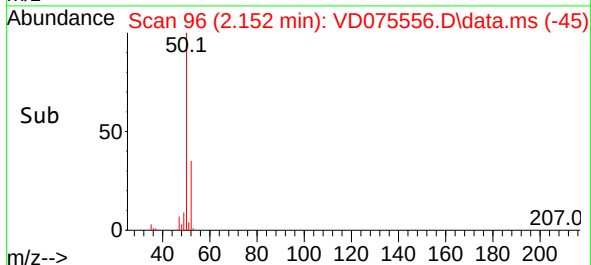
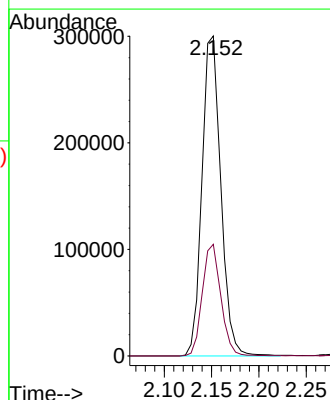
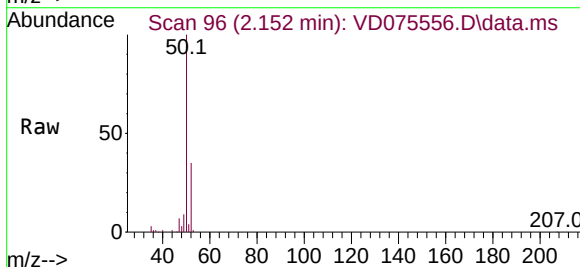
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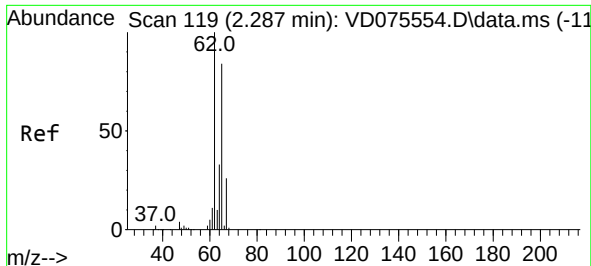
Tgt Ion: 85 Resp: 329410
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.4



#3
 Chloromethane
 Concen: 74.801 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

Tgt Ion: 50 Resp: 415292
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.7 42.1

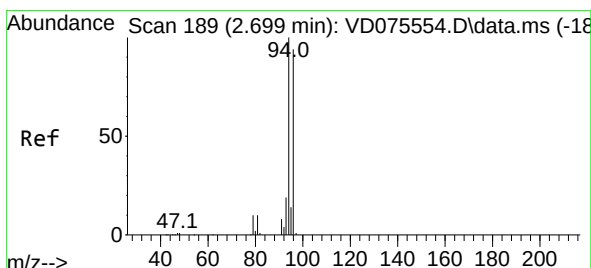
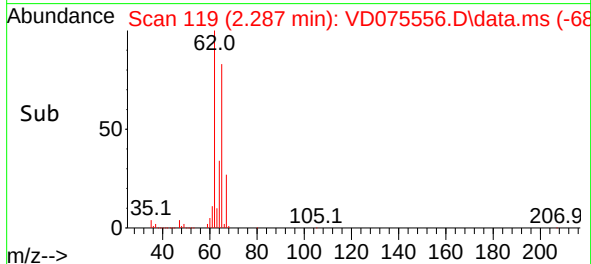
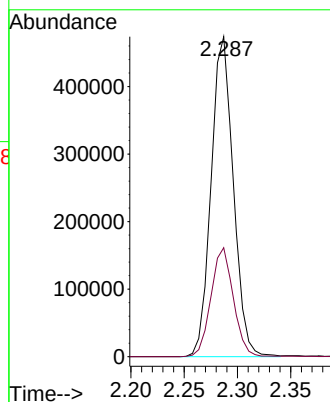
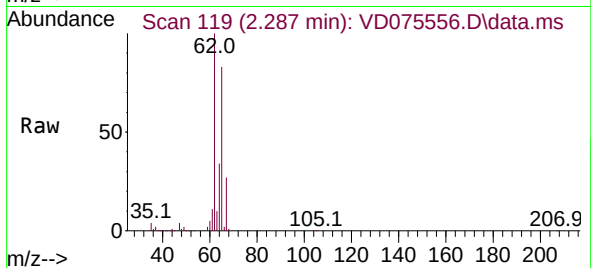




#5
 Vinyl chloride
 Concen: 79.463 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

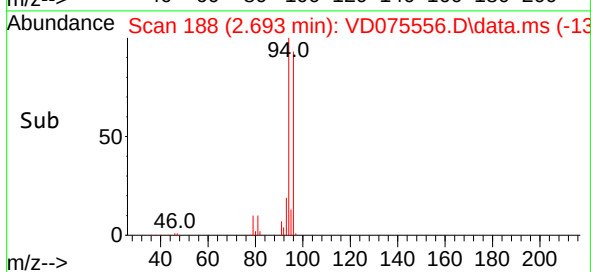
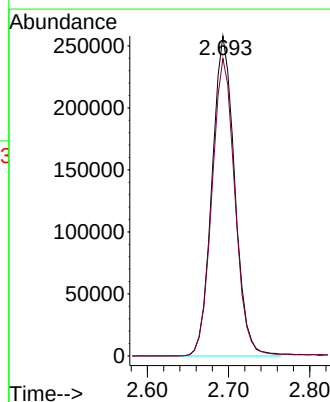
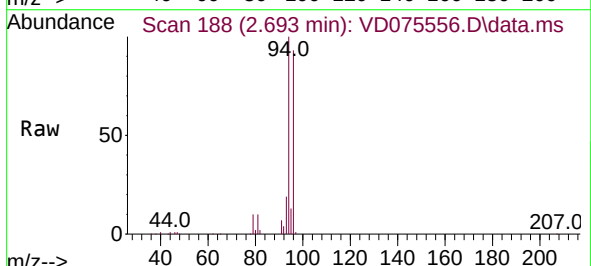
Instrument :
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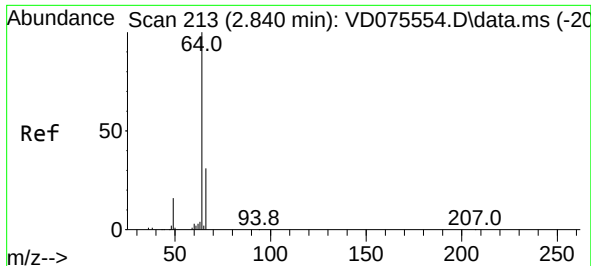
Tgt Ion: 62 Resp: 687571
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.1 42.9



#6
 Bromomethane
 Concen: 84.902 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

Tgt Ion: 94 Resp: 501246
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.1 122.7

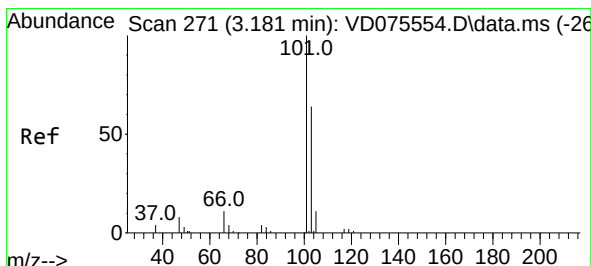
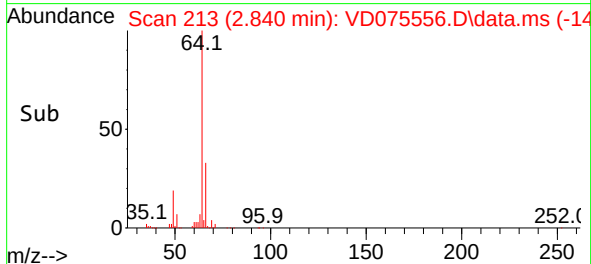
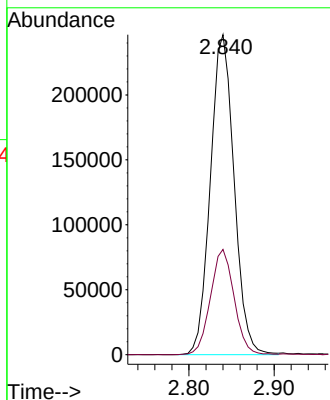
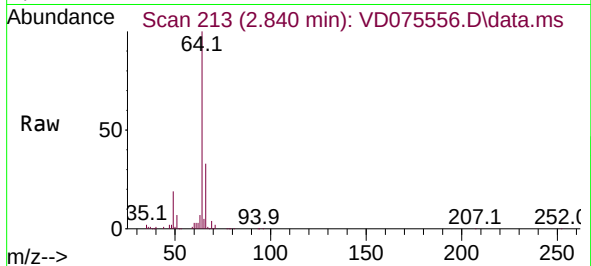




#8
Chloroethane
Concen: 79.078 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

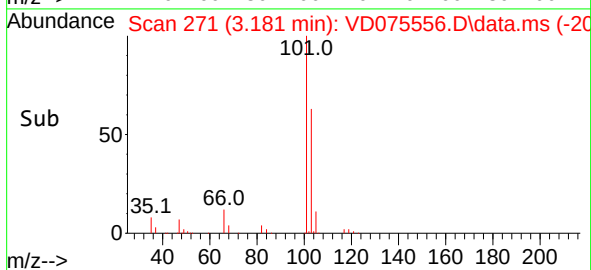
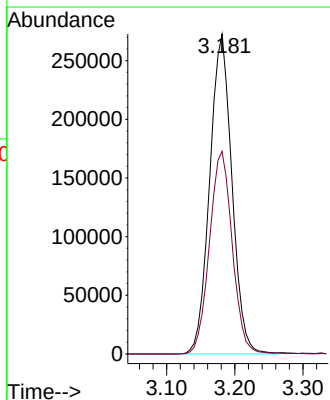
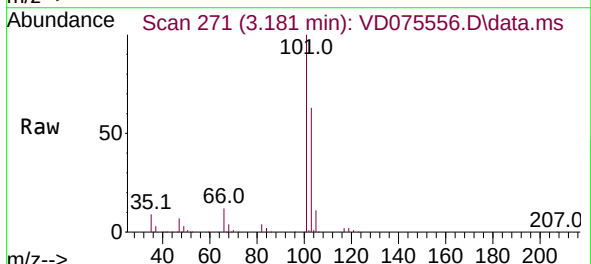
Instrument :
MSVOA_D
ClientSampleId :

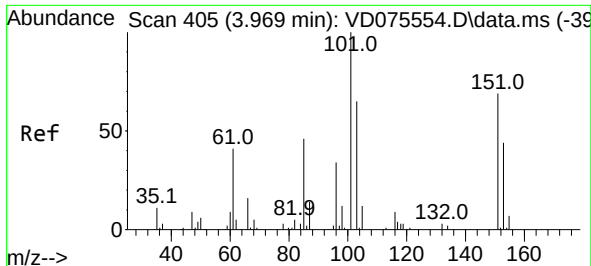
Tgt Ion: 64 Resp: 476689
Ion Ratio Lower Upper
64 100
66 32.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 82.193 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:101 Resp: 618383
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

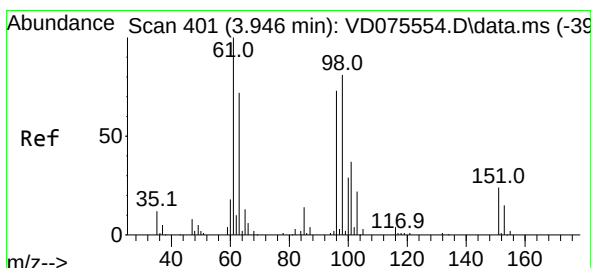
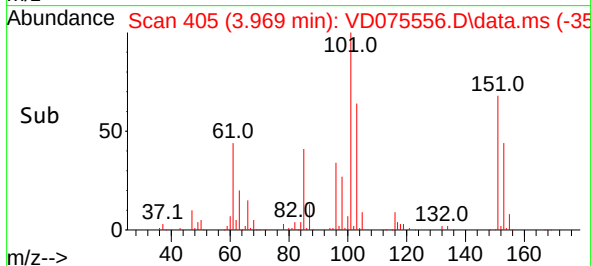
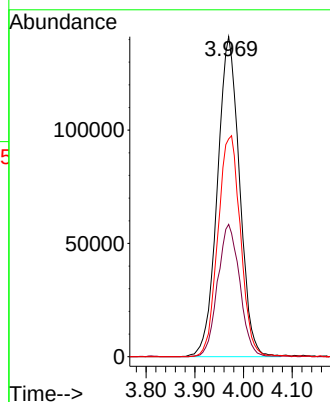
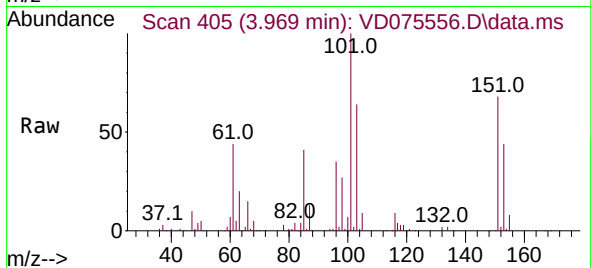




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 85.512 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

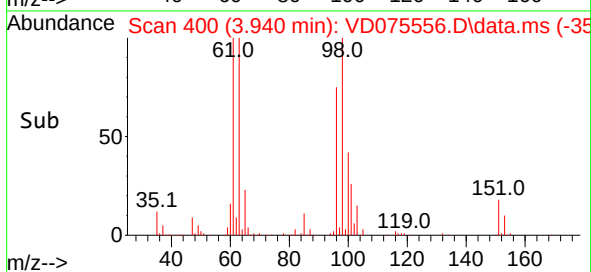
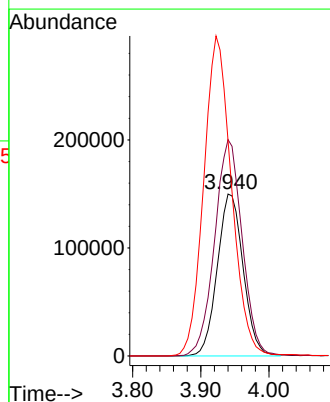
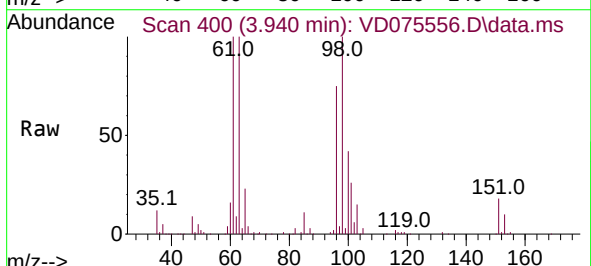
Instrument :
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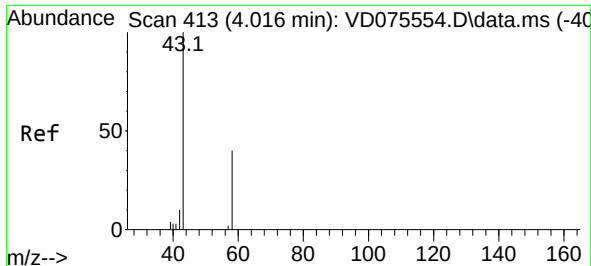
Tgt Ion:101 Resp: 446930
 Ion Ratio Lower Upper
 101 100
 85 41.1 33.4 50.0
 151 70.2 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 91.552 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

Tgt Ion: 96 Resp: 395289
 Ion Ratio Lower Upper
 96 100
 61 133.6 96.7 179.7
 63 133.0 76.0 141.2

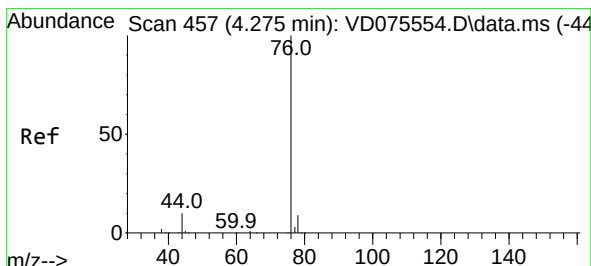
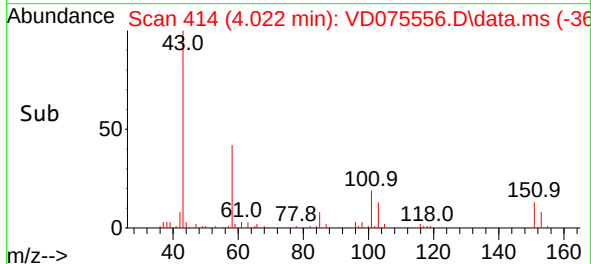
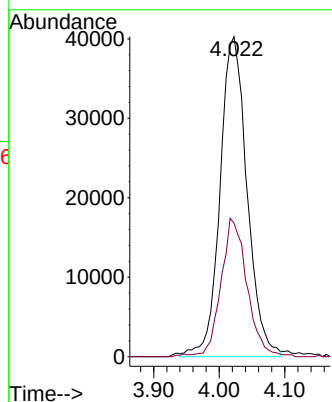
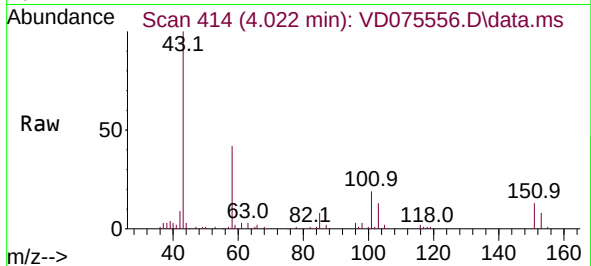




#13
Acetone
Concen: 159.974 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

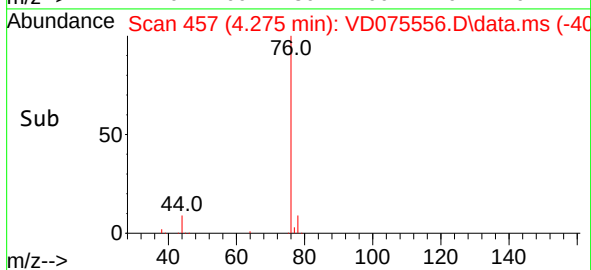
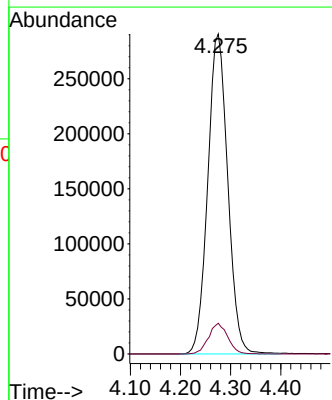
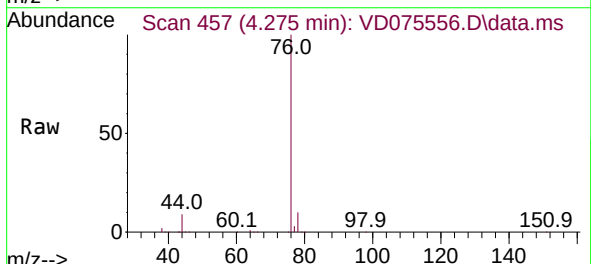
Instrument :
MSVOA_D
ClientSampleId :

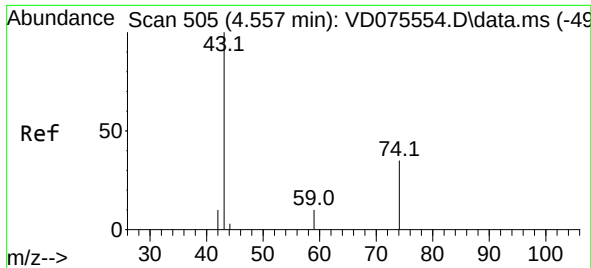
Tgt Ion: 43 Resp: 115163
Ion Ratio Lower Upper
43 100
58 41.2 0.0 77.4



#14
Carbon disulfide
Concen: 77.847 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion: 76 Resp: 804147
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

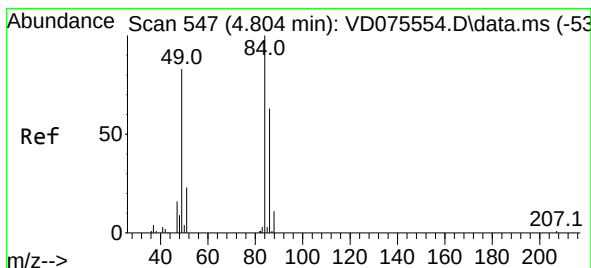
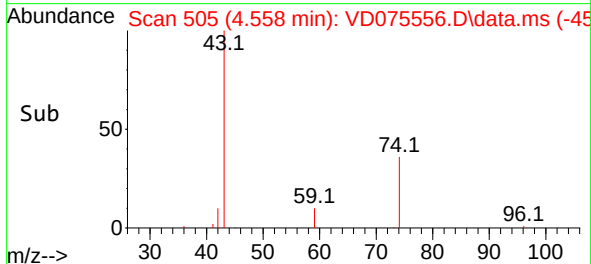
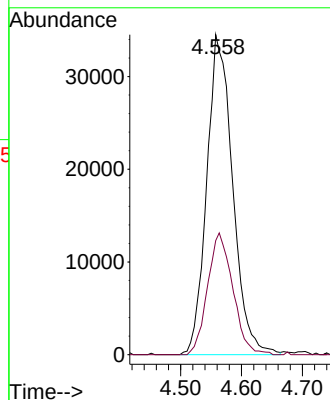
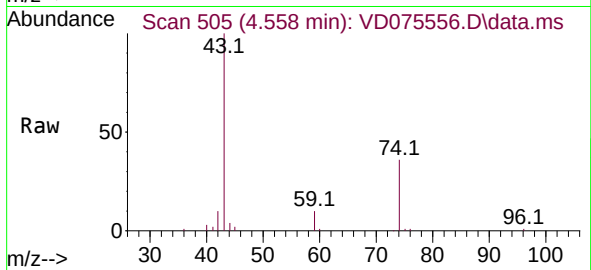




#15
Methyl Acetate
Concen: 84.597 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

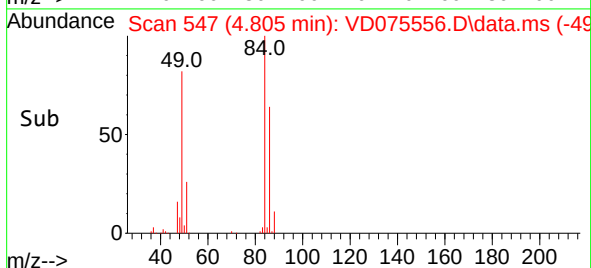
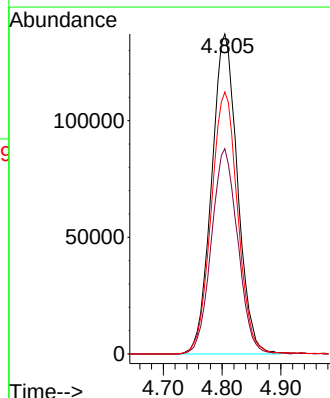
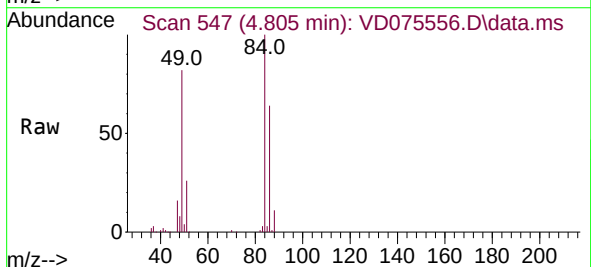
Instrument :
MSVOA_D
ClientSampleId :

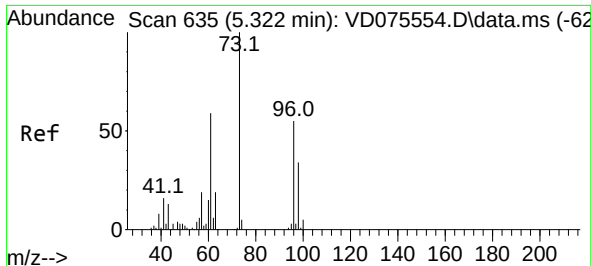
Tgt Ion: 43 Resp: 102057
Ion Ratio Lower Upper
43 100
74 37.0 29.0 43.4



#16
Methylene chloride
Concen: 67.408 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion: 84 Resp: 419463
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.4
49 81.9 58.5 108.7

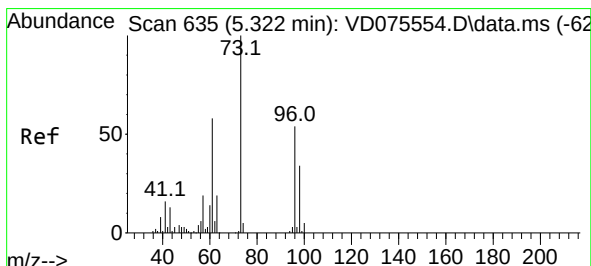
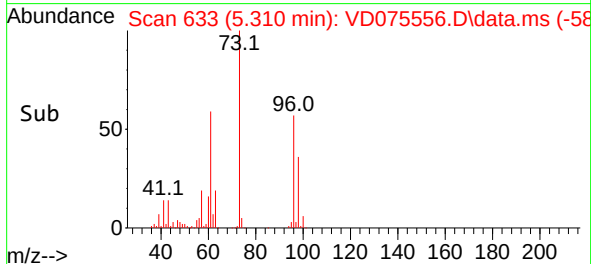
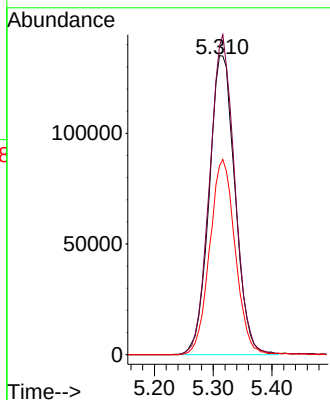
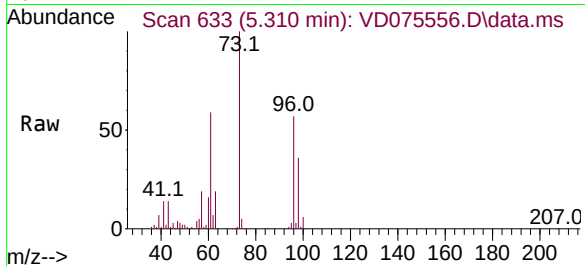




#17
trans-1,2-Dichloroethene
Concen: 90.222 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

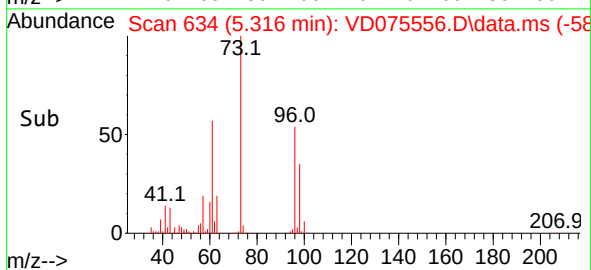
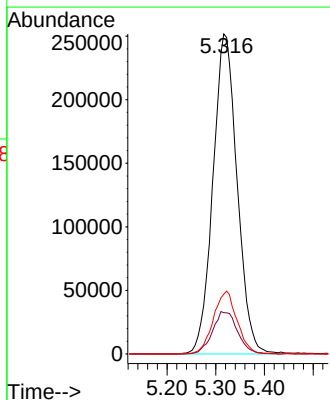
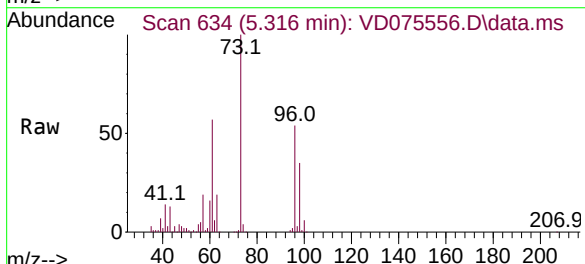
Instrument :
MSVOA_D
ClientSampleId :

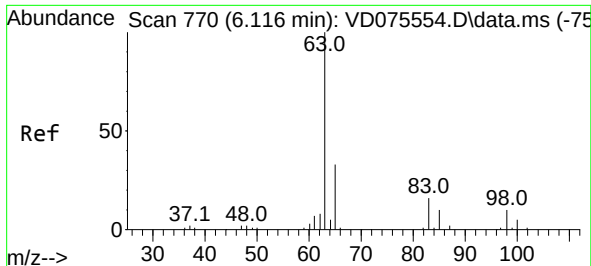
Tgt Ion: 96 Resp: 413554
Ion Ratio Lower Upper
96 100
61 103.1 75.4 140.0
98 63.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 99.705 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion: 73 Resp: 868967
Ion Ratio Lower Upper
73 100
43 13.7 11.4 17.0
57 19.3 15.8 23.6





#19

1,1-Dichloroethane

Concen: 85.116 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

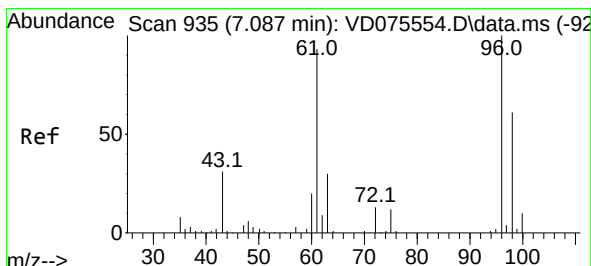
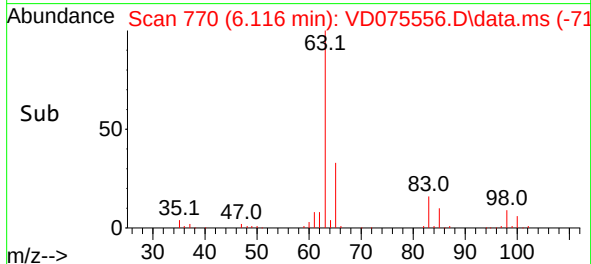
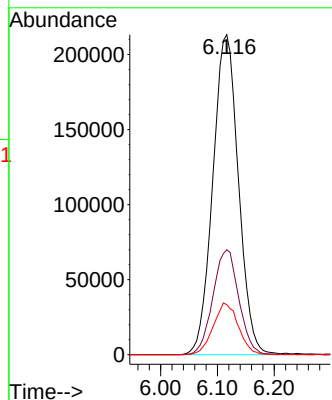
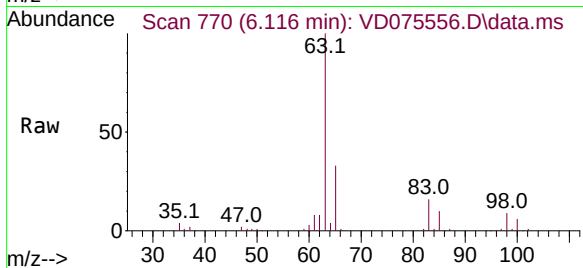
Tgt Ion: 63 Resp: 668783

Ion Ratio Lower Upper

63 100

65 32.8 23.1 42.9

83 15.6 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 95.694 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

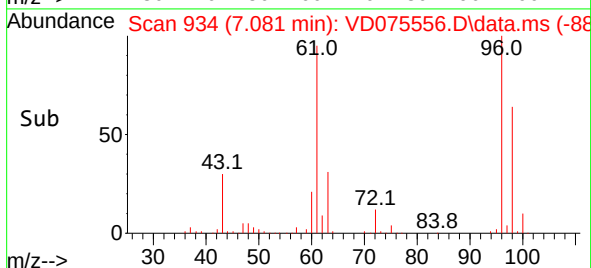
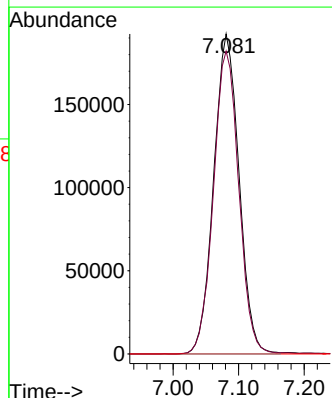
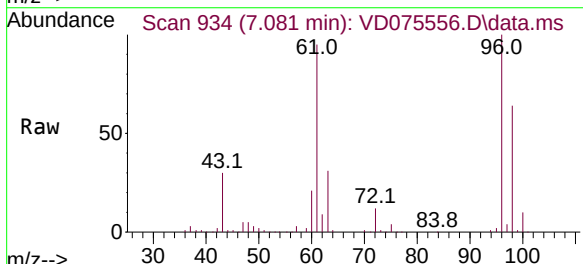
Tgt Ion: 96 Resp: 515061

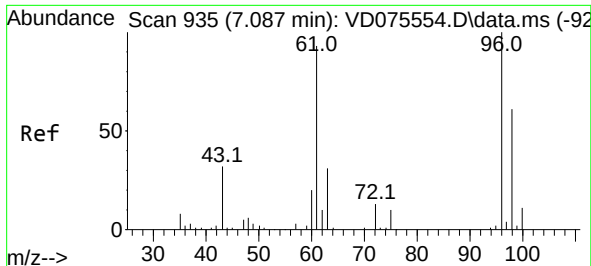
Ion Ratio Lower Upper

96 100

61 94.6 64.8 120.4

68 0.0 0.0 0.0

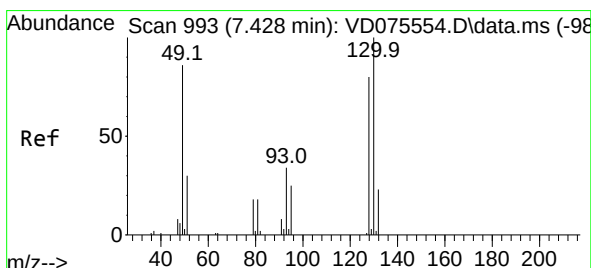
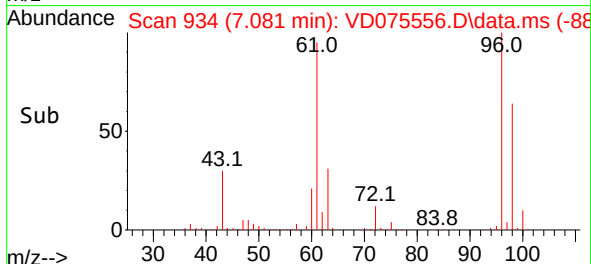
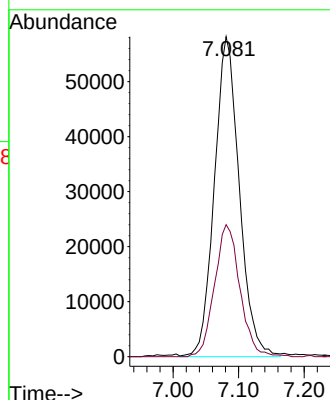
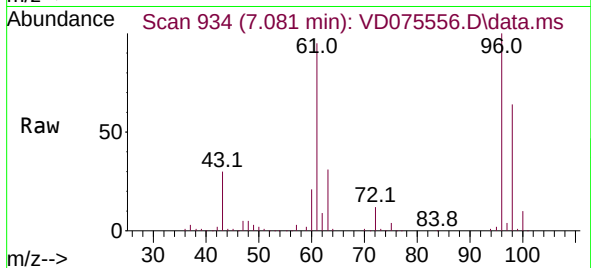




#22
2-Butanone
Concen: 178.478 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

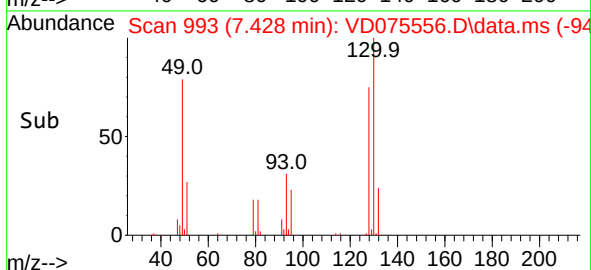
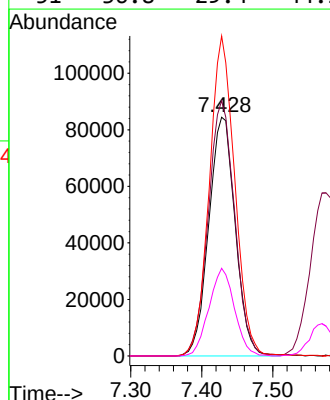
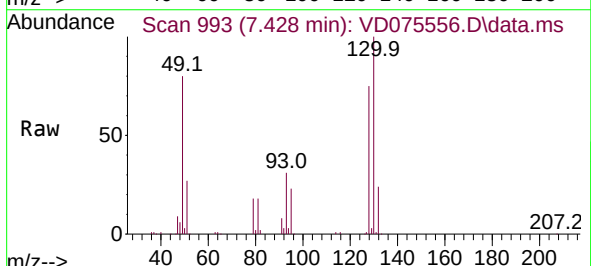
Instrument :
MSVOA_D
ClientSampleId :

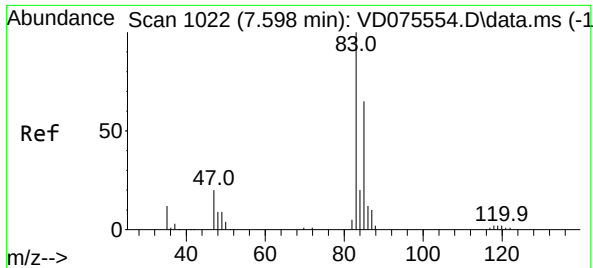
Tgt Ion: 43 Resp: 153051
Ion Ratio Lower Upper
43 100
72 41.8 21.3 63.9



#23
Bromochloromethane
Concen: 86.052 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:128 Resp: 218384
Ion Ratio Lower Upper
128 100
49 106.9 75.0 139.4
130 134.1 87.4 162.2
51 36.8 29.4 44.2





#25

Chloroform

Concen: 87.342 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

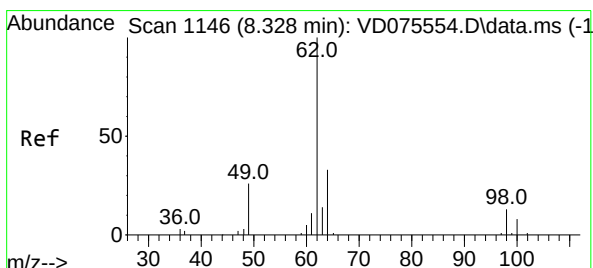
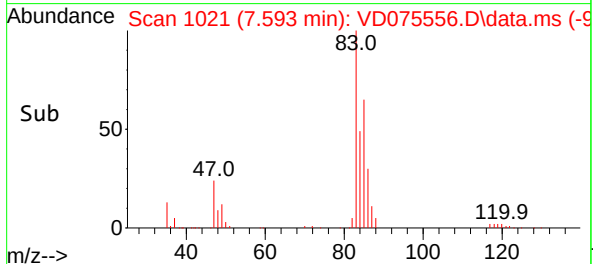
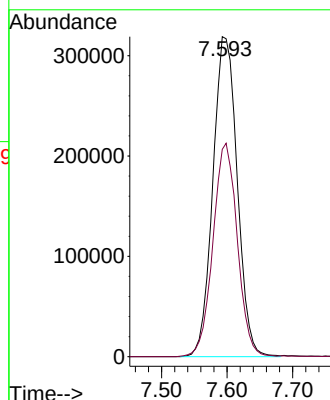
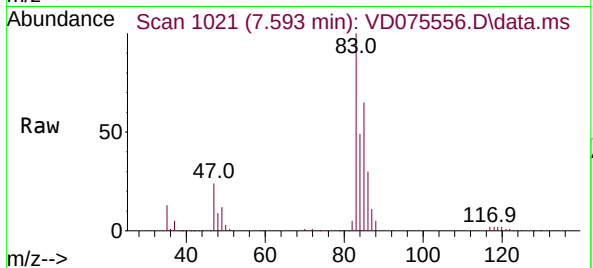
ClientSampleId :

Tgt Ion: 83 Resp: 822025

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 89.380 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075556.D

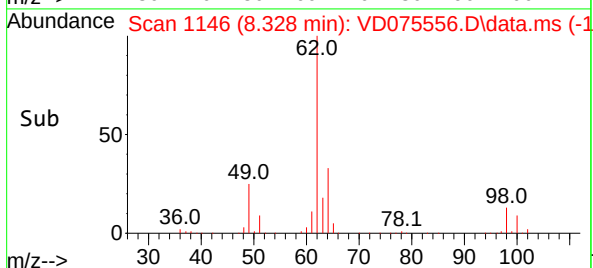
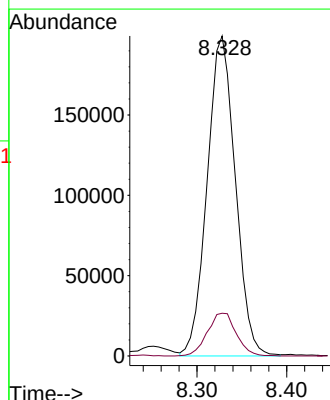
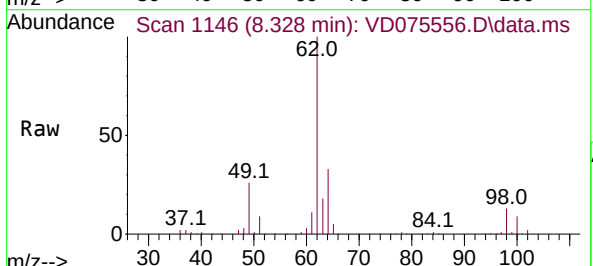
Acq: 31 Mar 2023 13:31

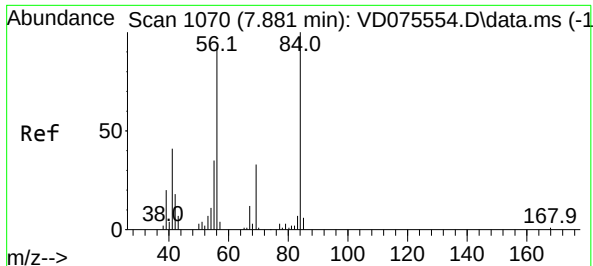
Tgt Ion: 62 Resp: 434801

Ion Ratio Lower Upper

62 100

98 13.4 10.5 15.7





#29

Cyclohexane

Concen: 83.490 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

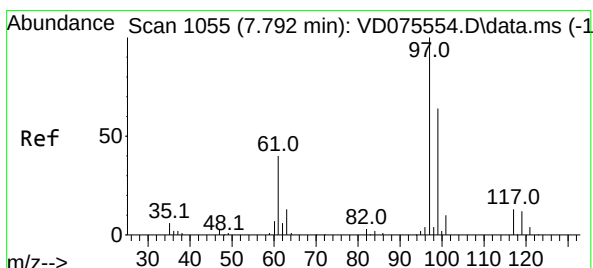
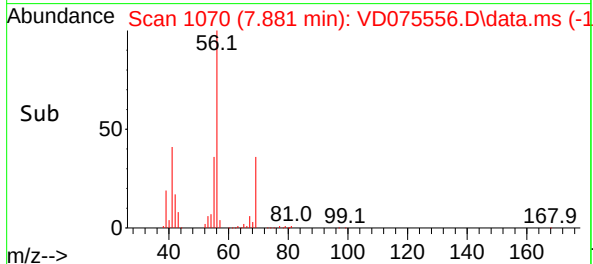
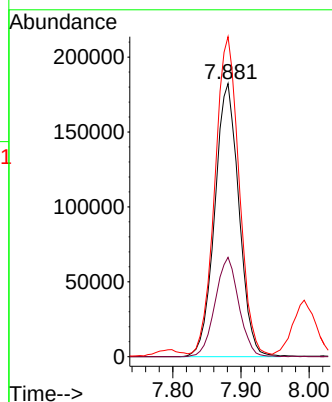
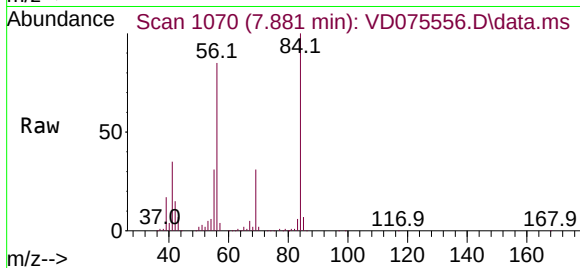
Tgt Ion: 56 Resp: 450285

Ion Ratio Lower Upper

56 100

69 35.6 28.3 42.5

84 117.1 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 76.862 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

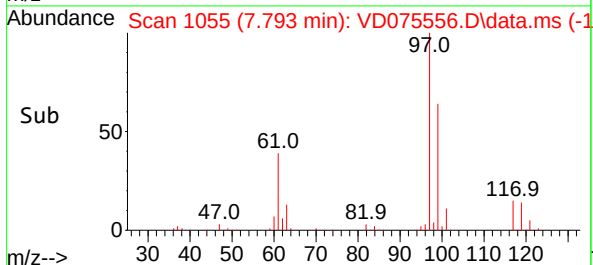
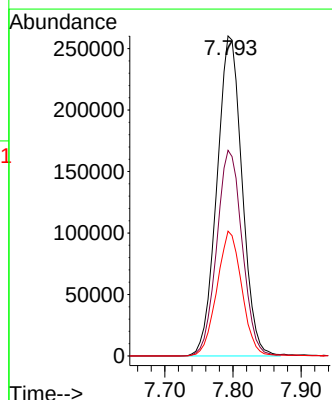
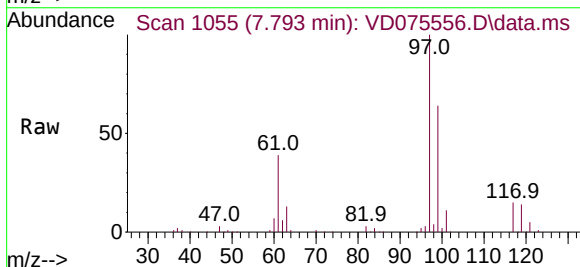
Tgt Ion: 97 Resp: 669175

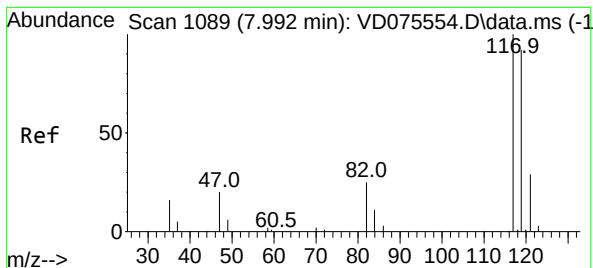
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.2

61 38.6 32.2 48.2





#31

Carbon tetrachloride

Concen: 78.456 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

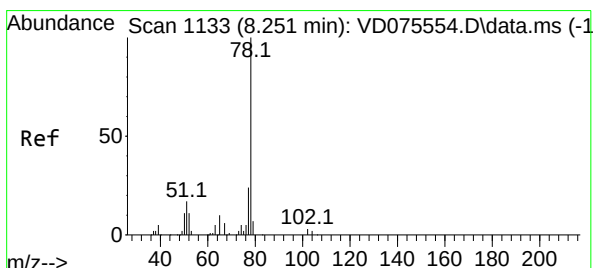
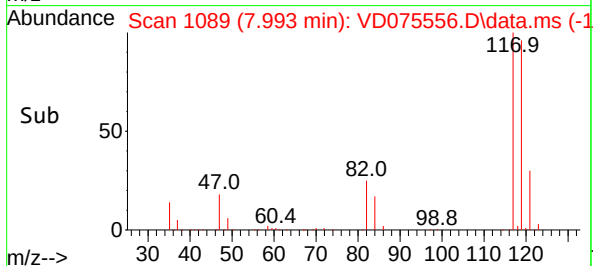
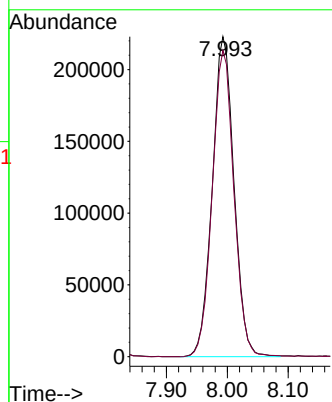
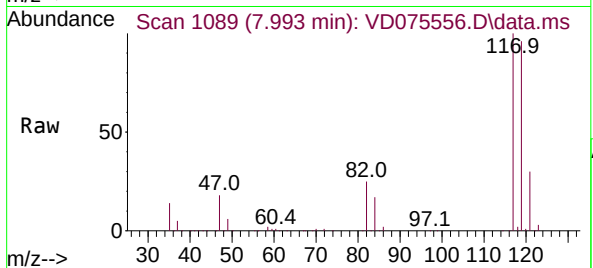
ClientSampleId :

Tgt Ion:117 Resp: 551408

Ion Ratio Lower Upper

117 100

119 95.7 76.4 114.6



#33

Benzene

Concen: 85.674 ug/L

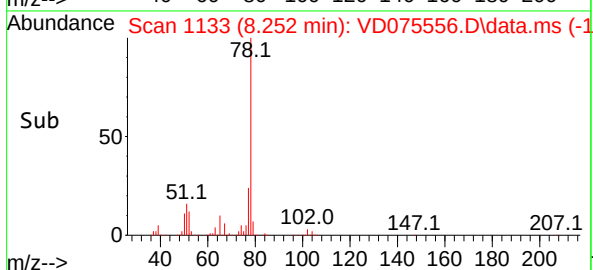
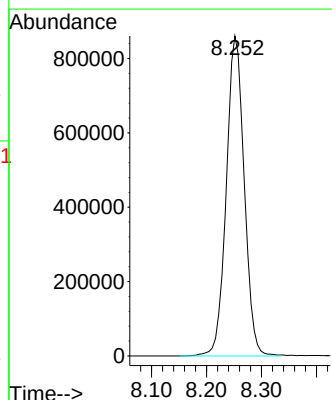
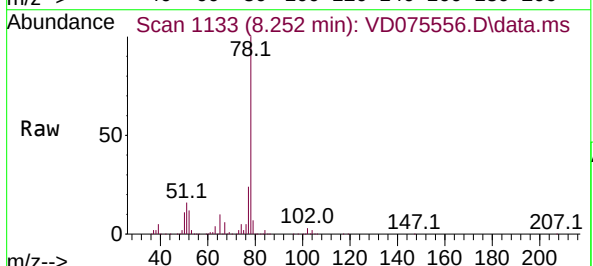
RT: 8.252 min Scan# 1133

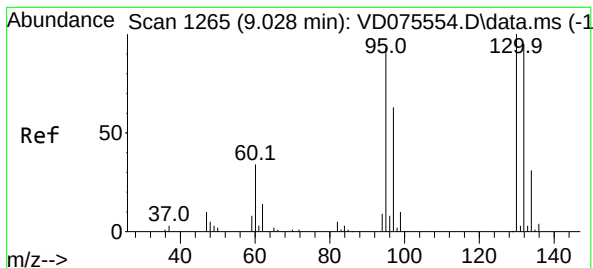
Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Tgt Ion: 78 Resp: 1948361





#34

Trichloroethene

Concen: 87.089 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 554867

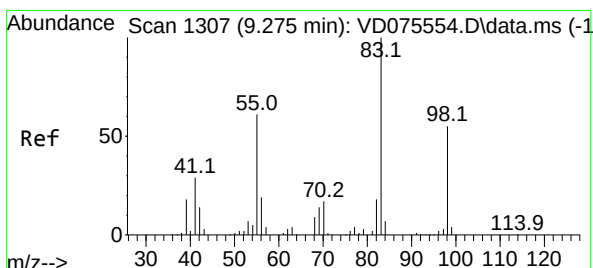
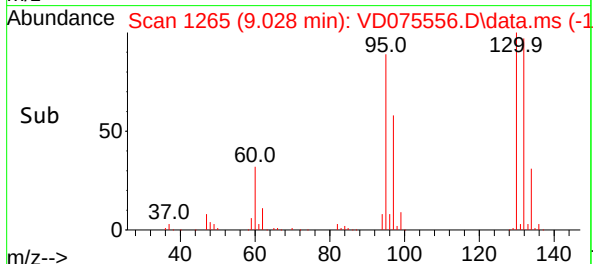
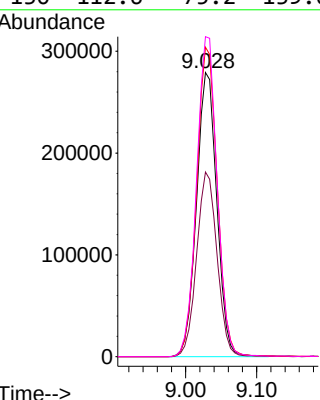
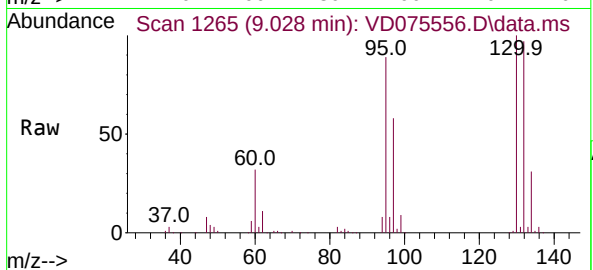
Ion Ratio Lower Upper

95 100

97 65.0 47.0 87.2

132 108.9 71.2 132.2

130 112.6 75.2 139.6



#35

Methylcyclohexane

Concen: 96.549 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

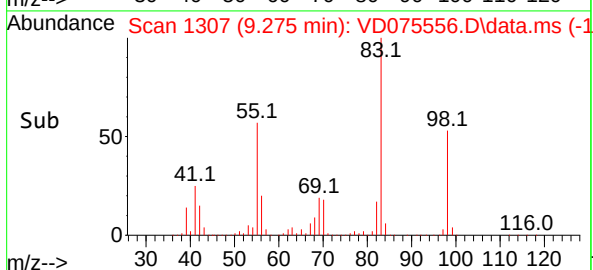
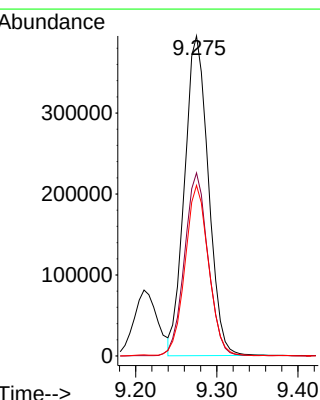
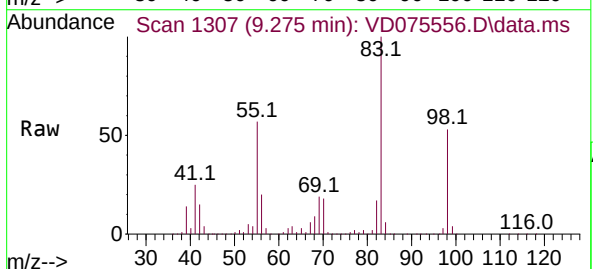
Tgt Ion: 83 Resp: 804596

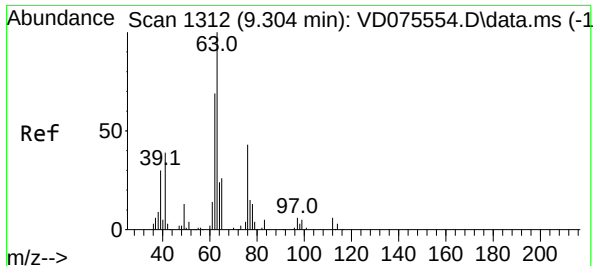
Ion Ratio Lower Upper

83 100

55 56.6 46.9 70.3

98 52.9 40.8 61.2





#37

1,2-Dichloropropane

Concen: 92.384 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

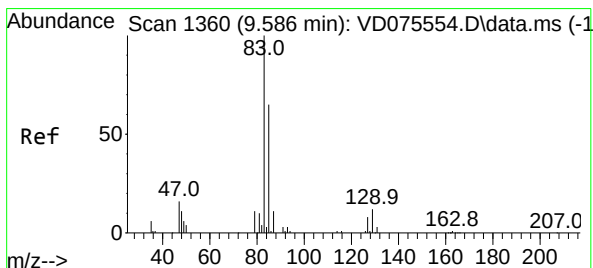
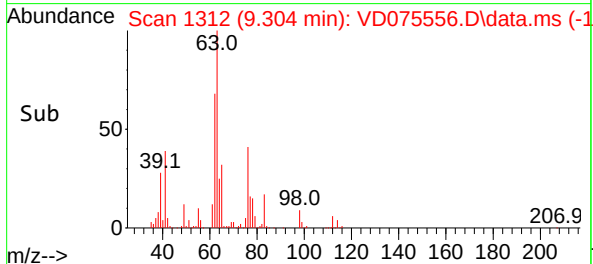
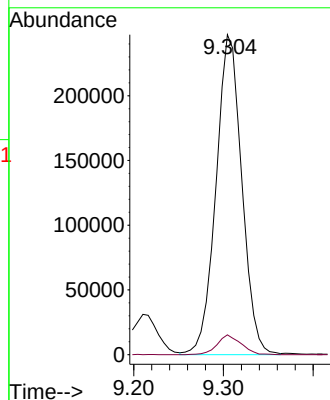
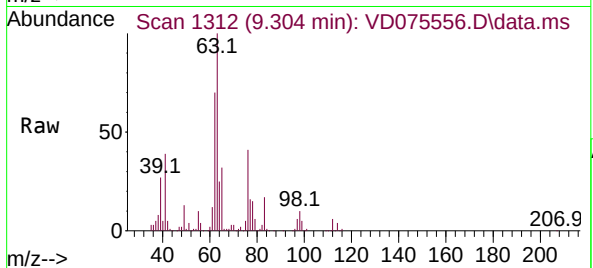
ClientSampleId :

Tgt Ion: 63 Resp: 494282

Ion Ratio Lower Upper

63 100

112 5.7 4.7 7.1



#38

Bromodichloromethane

Concen: 92.235 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

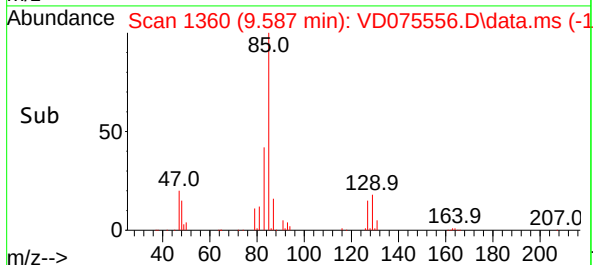
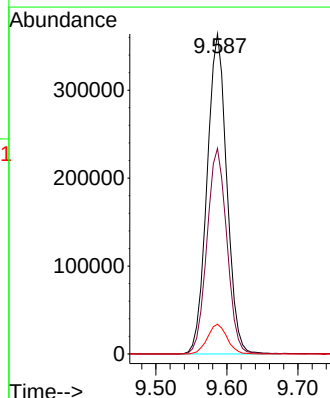
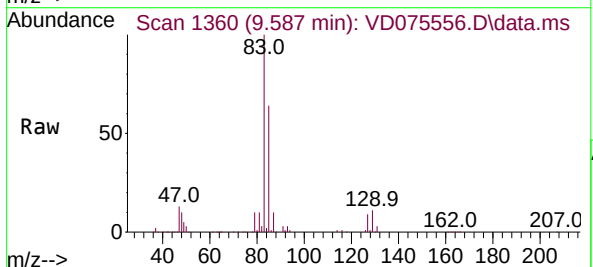
Tgt Ion: 83 Resp: 702851

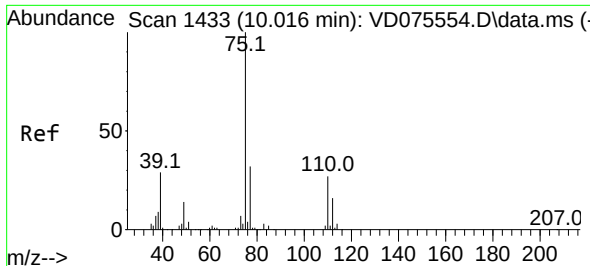
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

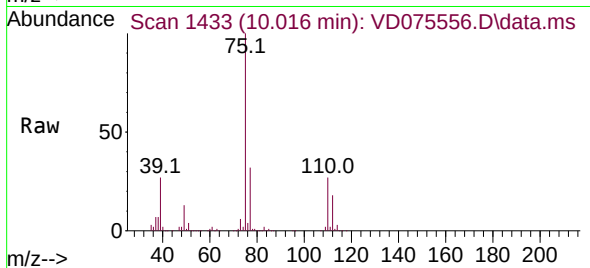
127 9.3 6.8 10.2



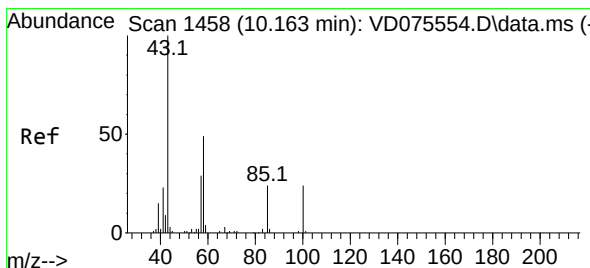
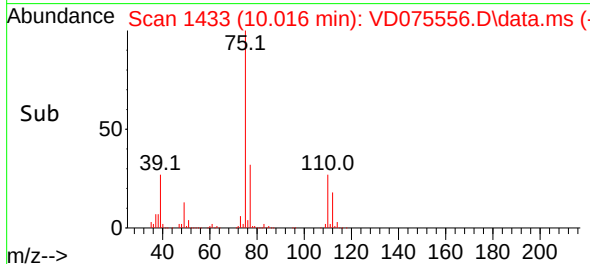
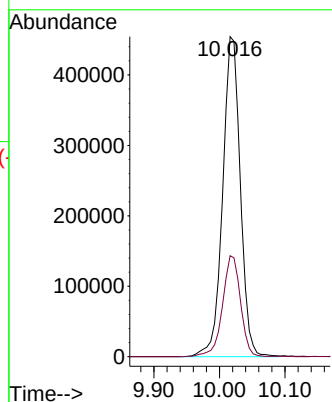


#39
cis-1,3-Dichloropropene
Concen: 99.893 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :

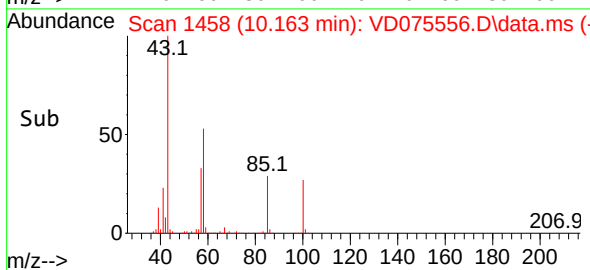
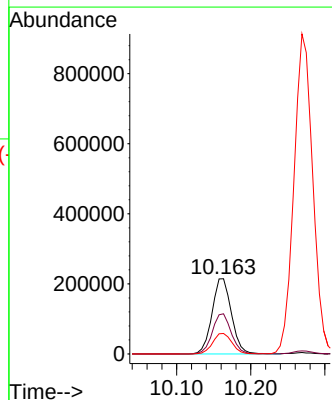
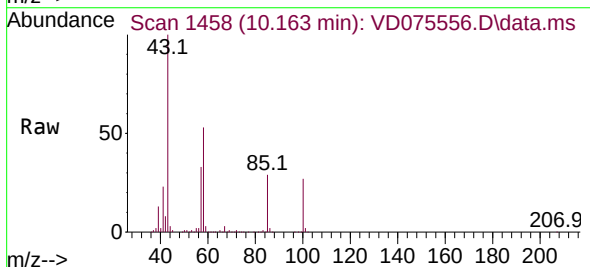


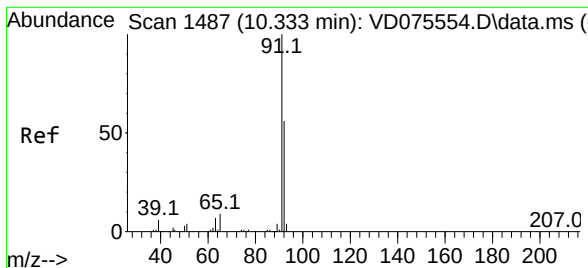
Tgt Ion: 75 Resp: 847405
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 195.017 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion: 43 Resp: 391086
Ion Ratio Lower Upper
43 100
58 52.2 39.4 59.0
100 27.2 20.3 30.5





#42

Toluene

Concen: 95.181 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

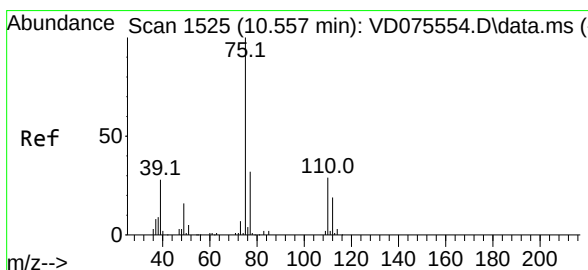
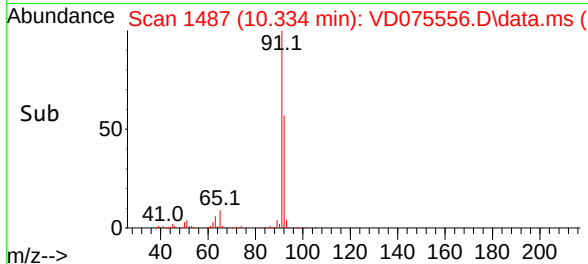
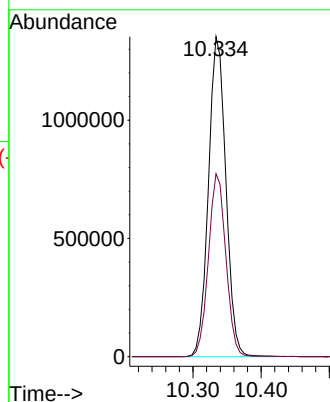
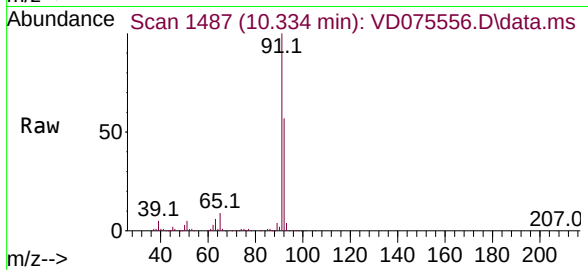
ClientSampleId :

Tgt Ion: 91 Resp: 2404947

Ion Ratio Lower Upper

91 100

92 57.2 39.1 72.7



#44

trans-1,3-Dichloropropene

Concen: 94.472 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075556.D

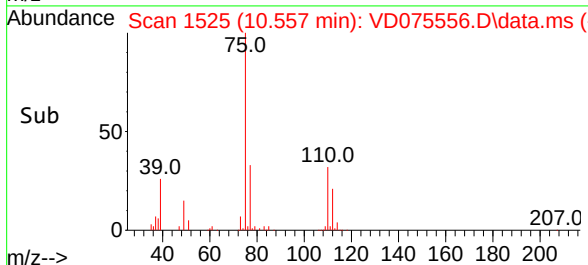
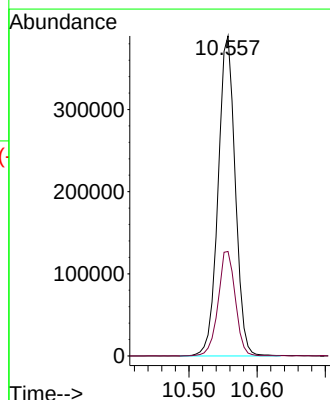
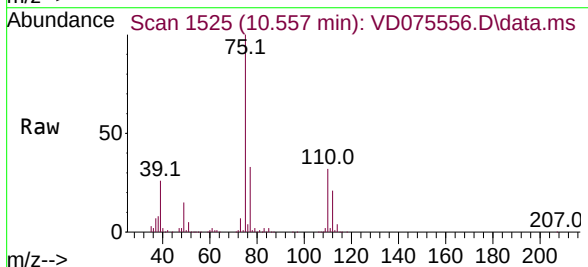
Acq: 31 Mar 2023 13:31

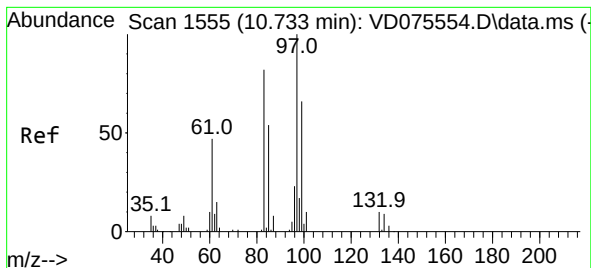
Tgt Ion: 75 Resp: 681384

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 91.007 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 446831

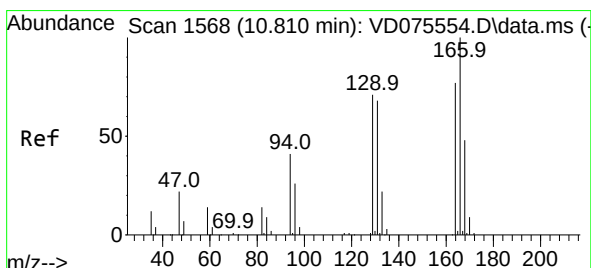
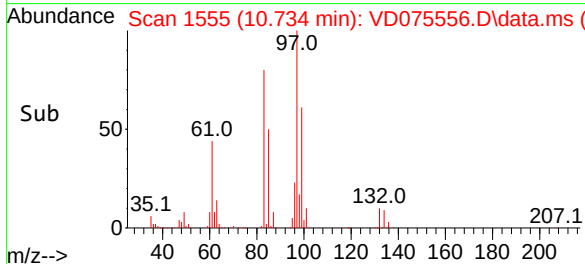
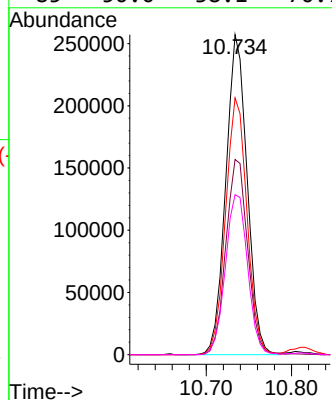
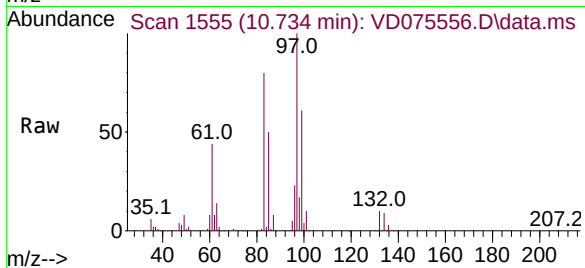
Ion Ratio Lower Upper

97 100

99 61.0 46.4 86.2

83 80.2 57.1 106.1

85 50.0 38.1 70.7



#46

Tetrachloroethene

Concen: 95.001 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Tgt Ion:164 Resp: 474040

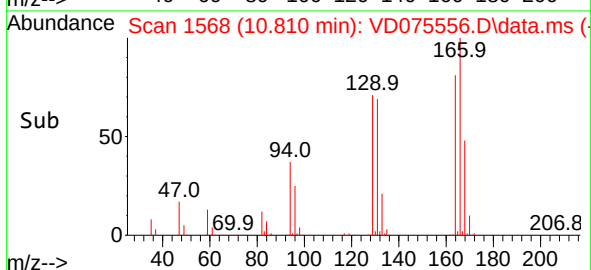
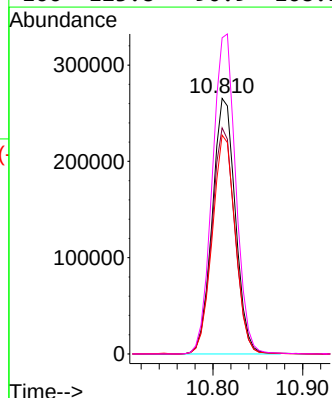
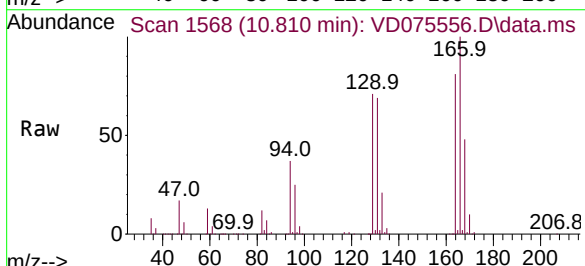
Ion Ratio Lower Upper

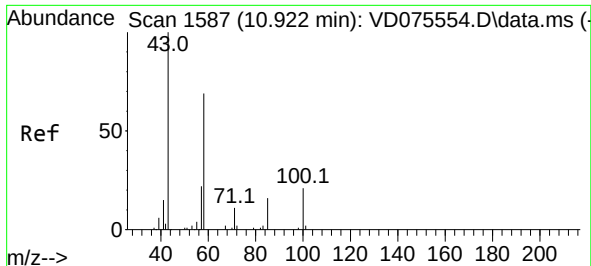
164 100

129 88.5 64.8 120.3

131 85.6 61.7 114.7

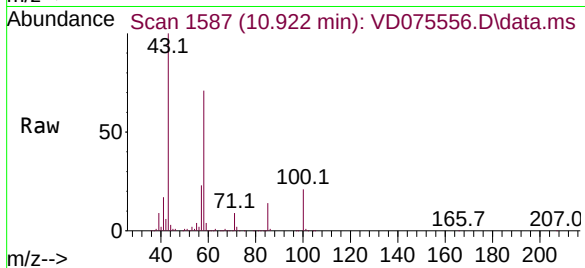
166 123.8 90.9 168.9



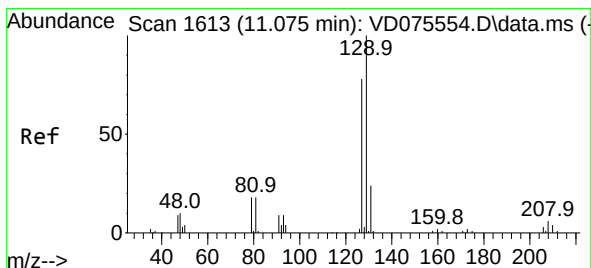
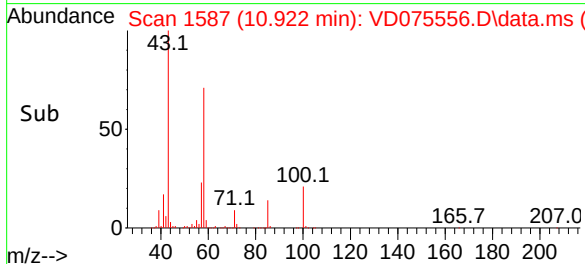
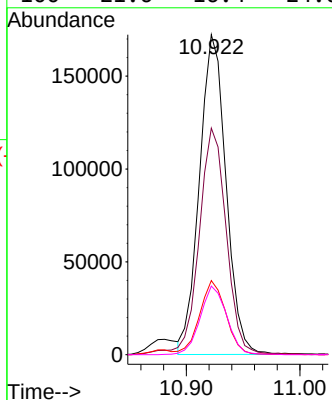


#48
2-Hexanone
Concen: 207.574 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :

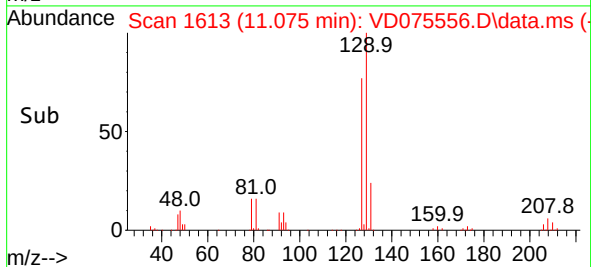
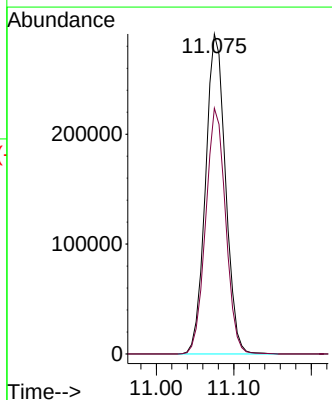
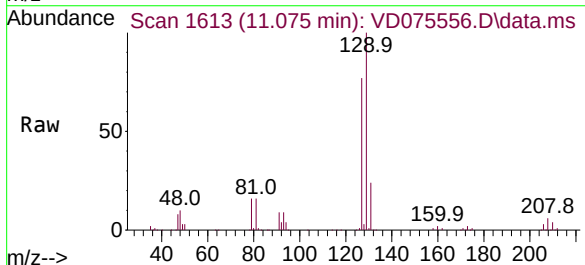


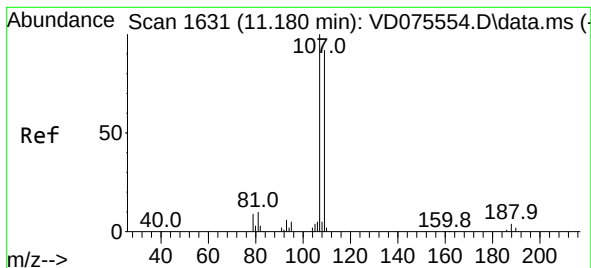
Tgt Ion: 43 Resp: 280543
Ion Ratio Lower Upper
43 100
58 70.3 55.8 83.6
57 23.0 18.6 27.8
100 21.6 16.4 24.6



#49
Dibromochloromethane
Concen: 98.014 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion: 129 Resp: 521025
Ion Ratio Lower Upper
129 100
127 76.8 54.5 101.1

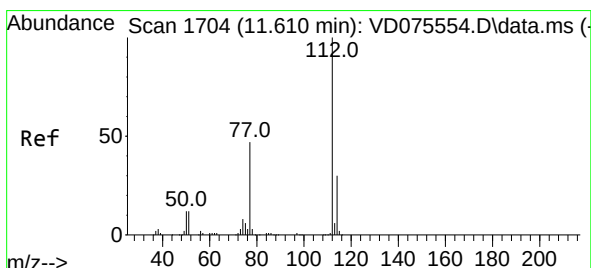
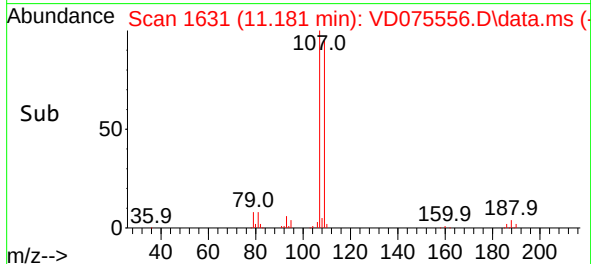
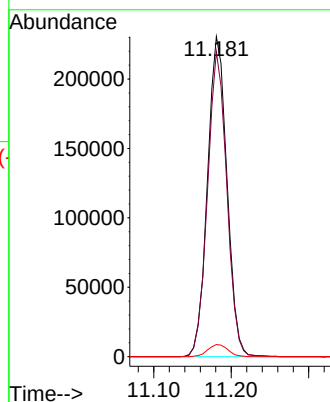
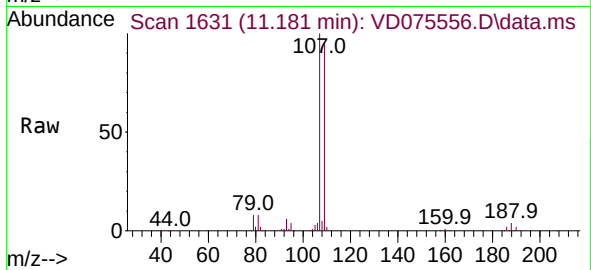




#50
1,2-Dibromoethane
Concen: 93.661 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

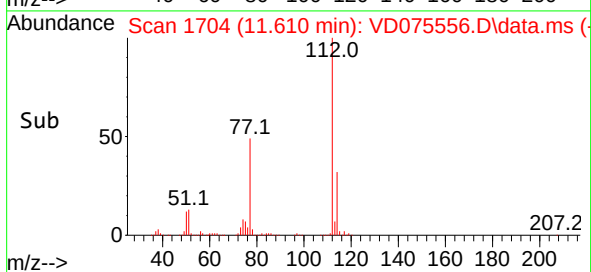
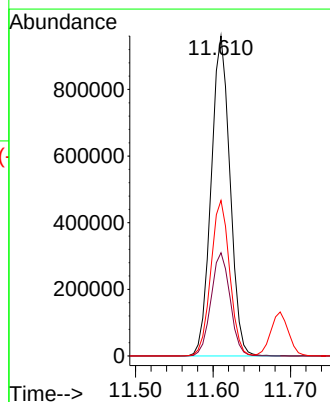
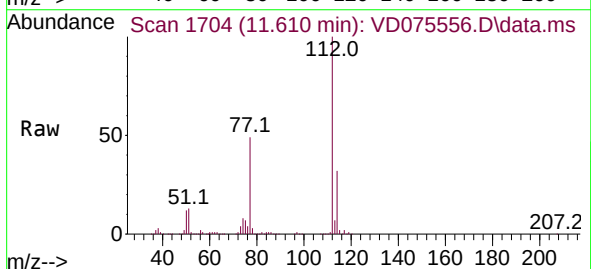
Instrument :
MSVOA_D
ClientSampleId :

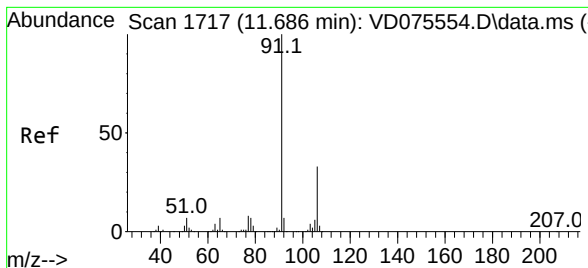
Tgt Ion:107 Resp: 402916
Ion Ratio Lower Upper
107 100
109 95.3 64.8 120.3
188 3.8 3.4 5.0



#51
Chlorobenzene
Concen: 95.367 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:112 Resp: 1622860
Ion Ratio Lower Upper
112 100
114 32.3 21.1 39.1
77 48.6 37.8 56.6

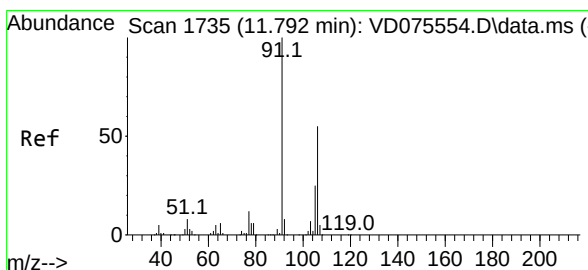
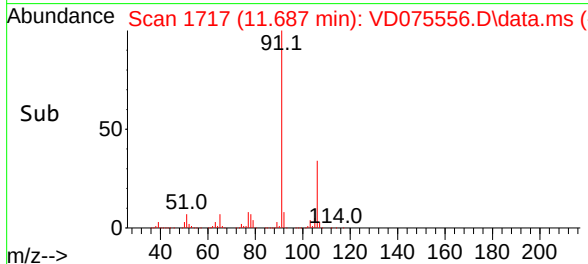
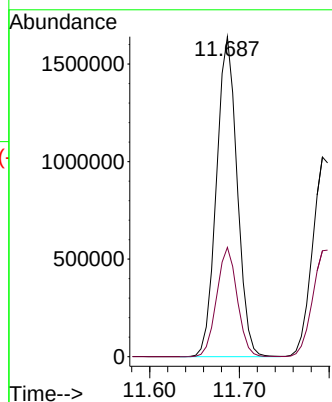
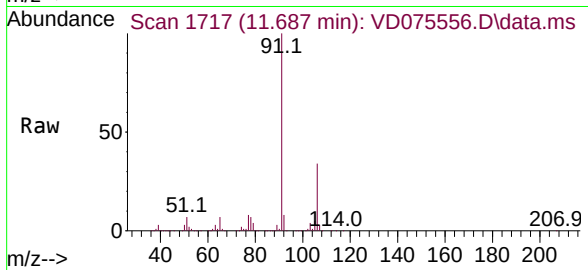




#52
Ethylbenzene
Concen: 98.836 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

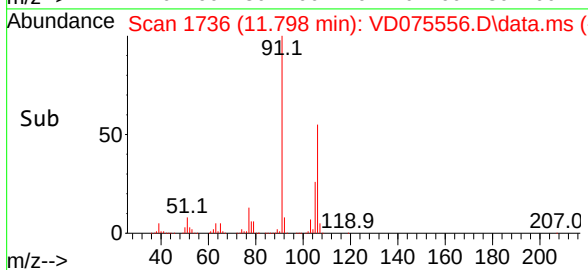
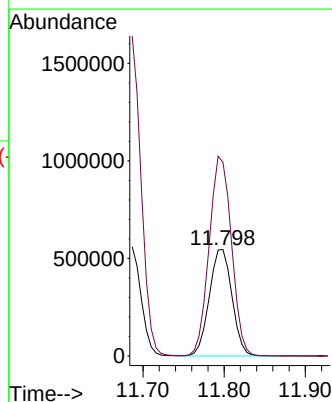
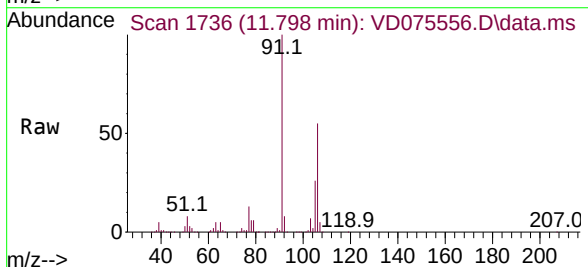
Instrument :
MSVOA_D
ClientSampleId :

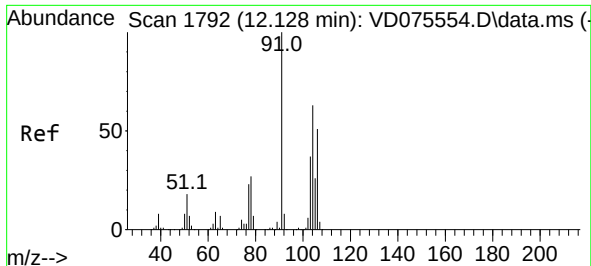
Tgt Ion: 91 Resp: 2626093
Ion Ratio Lower Upper
91 100
106 34.2 23.2 43.2



#53
m,p-Xylene
Concen: 101.674 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:106 Resp: 1059317
Ion Ratio Lower Upper
106 100
91 181.9 126.7 235.3

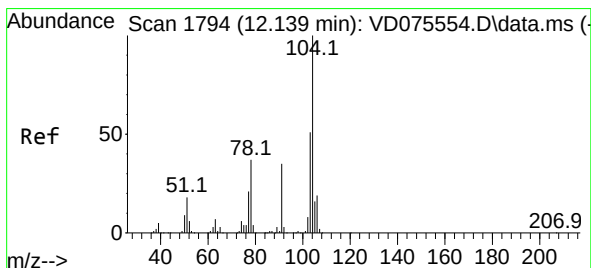
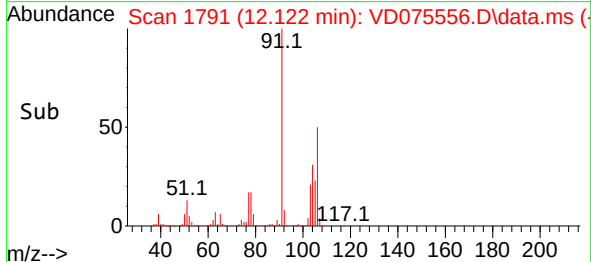
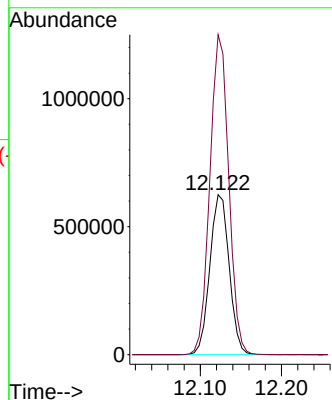
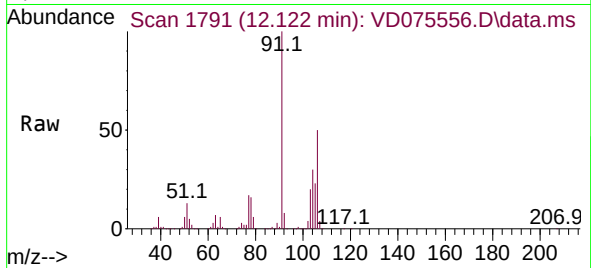




#54
o-Xylene
Concen: 104.091 ug/L
RT: 12.122 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

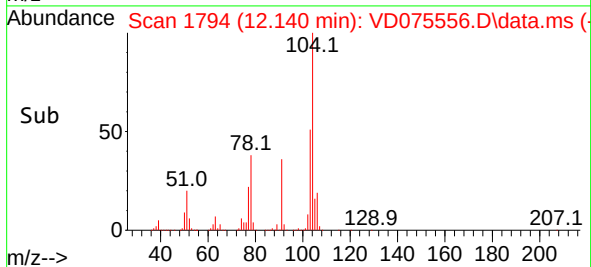
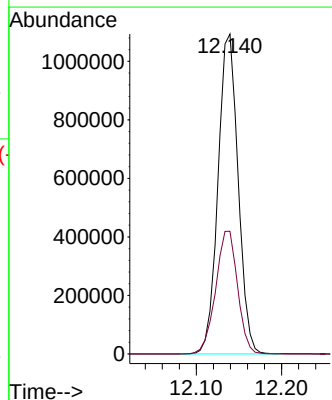
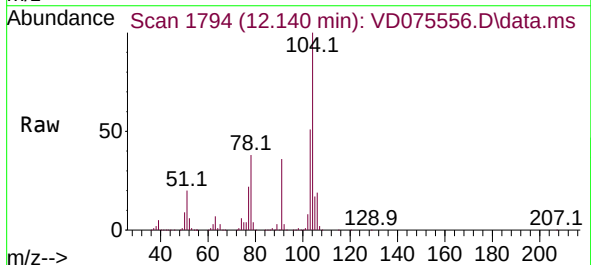
Instrument :
MSVOA_D
ClientSampleId :

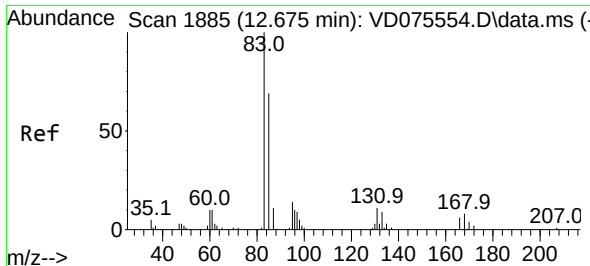
Tgt Ion:106 Resp: 1032665
Ion Ratio Lower Upper
106 100
91 200.0 138.3 256.9



#55
Styrene
Concen: 101.449 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:104 Resp: 1793374
Ion Ratio Lower Upper
104 100
78 38.4 25.8 47.8

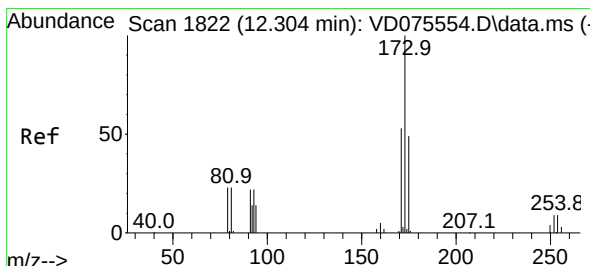
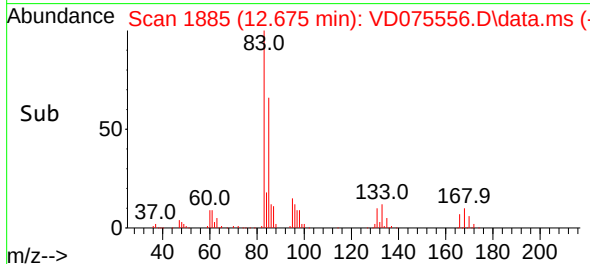
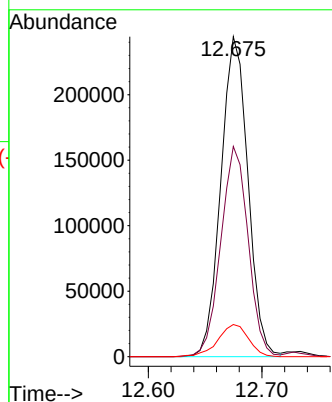
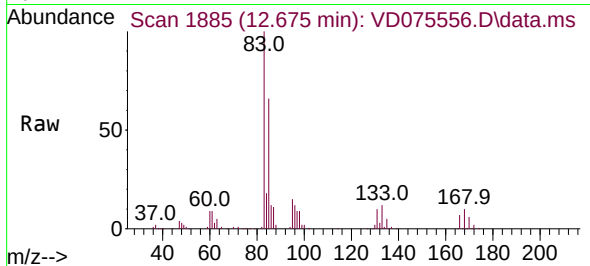




#57
1,1,2,2-Tetrachloroethane
Concen: 79.892 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

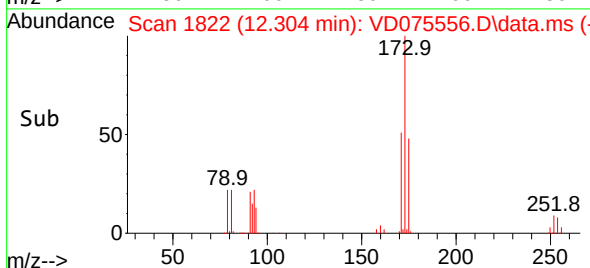
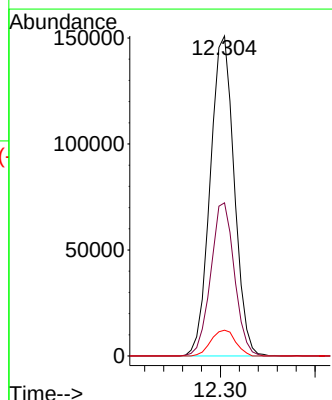
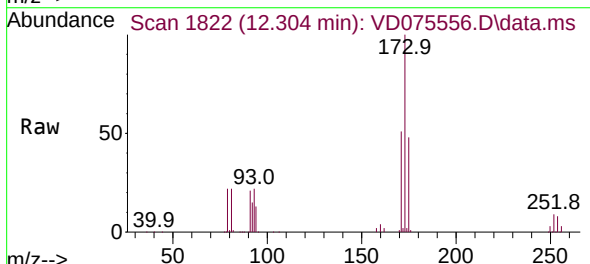
Instrument :
MSVOA_D
ClientSampleId :

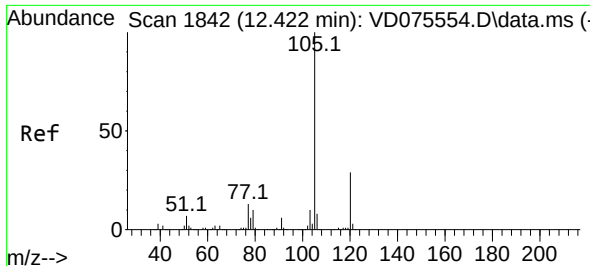
Tgt Ion: 83 Resp: 404815
Ion Ratio Lower Upper
83 100
85 65.7 48.7 90.5
131 10.1 9.3 13.9



#59
Bromoform
Concen: 92.630 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:173 Resp: 265526
Ion Ratio Lower Upper
173 100
175 47.3 38.7 58.1
254 8.3 7.7 11.5

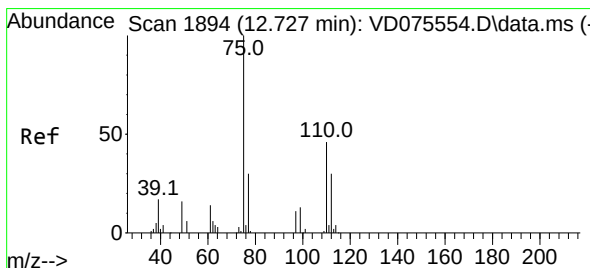
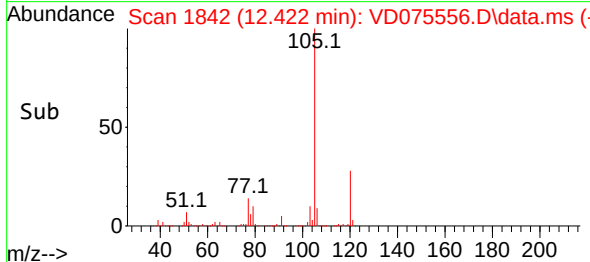
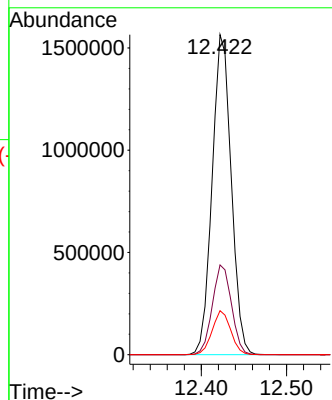
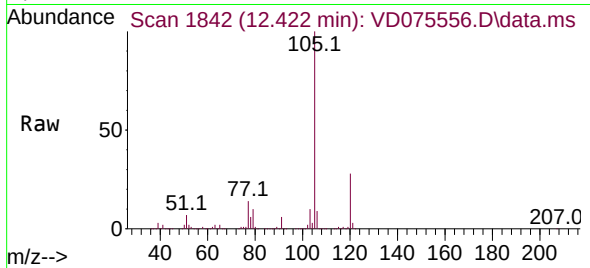




#60
Isopropylbenzene
Concen: 99.494 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

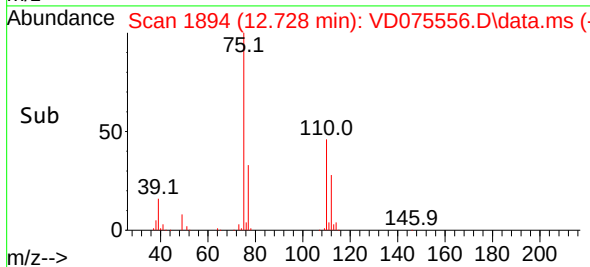
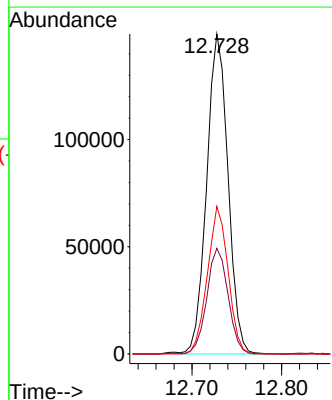
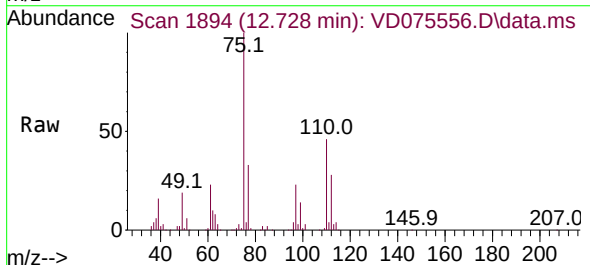
Instrument :
MSVOA_D
ClientSampleId :

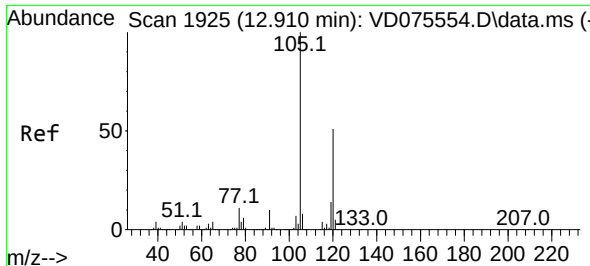
Tgt Ion:105 Resp: 2434902
Ion Ratio Lower Upper
105 100
120 28.1 22.5 33.7
77 13.4 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 83.877 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion: 75 Resp: 246072
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 44.7 35.9 53.9





#62

1,3,5-Trimethylbenzene

Concen: 103.961 ug/L

RT: 12.904 min Scan# 1925

Delta R.T. -0.006 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

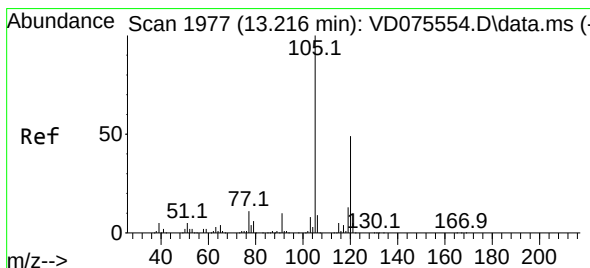
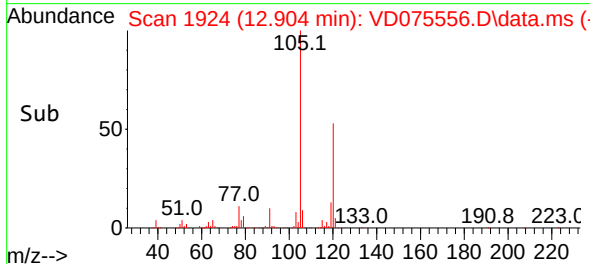
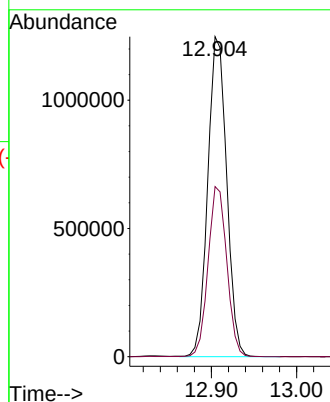
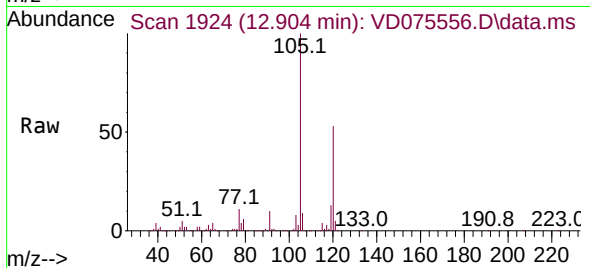
ClientSampleId :

Tgt Ion:105 Resp: 1919069

Ion Ratio Lower Upper

105 100

120 52.7 41.1 61.7



#63

1,2,4-Trimethylbenzene

Concen: 106.446 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075556.D

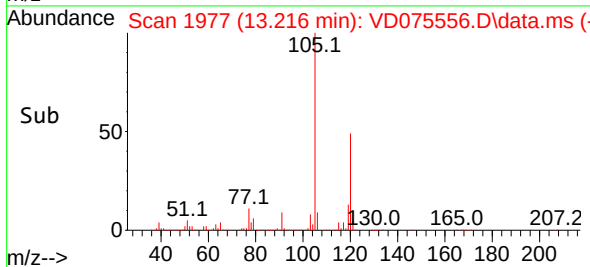
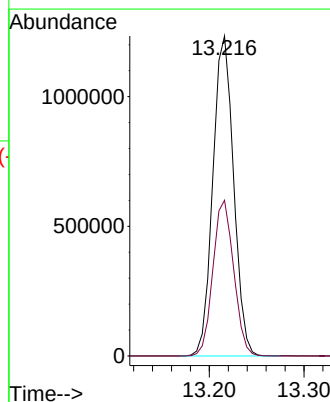
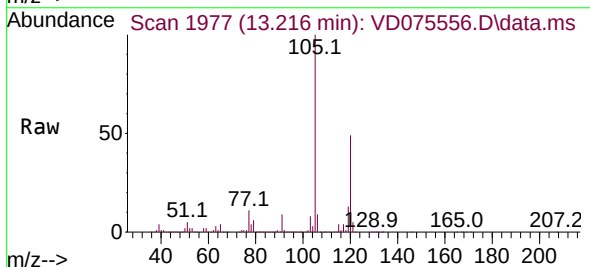
Acq: 31 Mar 2023 13:31

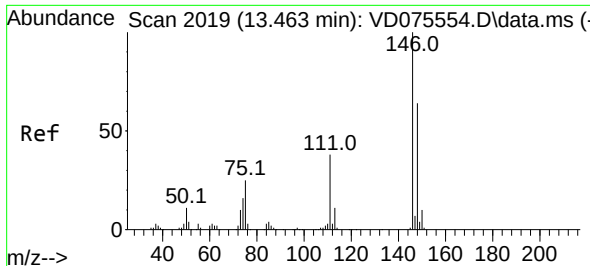
Tgt Ion:105 Resp: 1878989

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.4

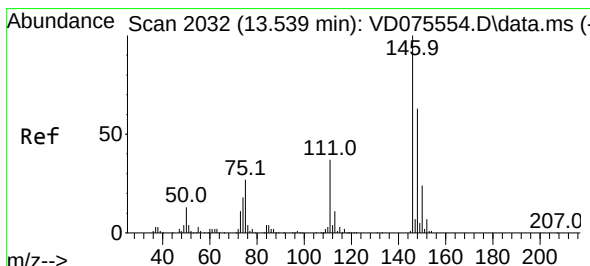
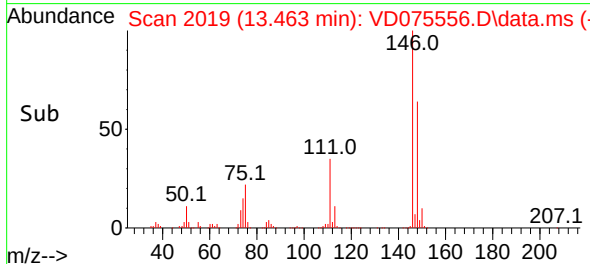
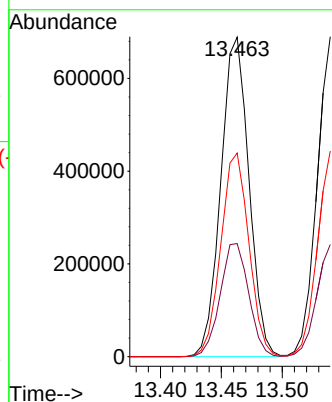
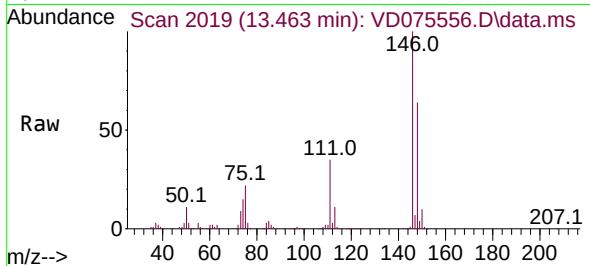




#64
1,3-Dichlorobenzene
Concen: 99.923 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

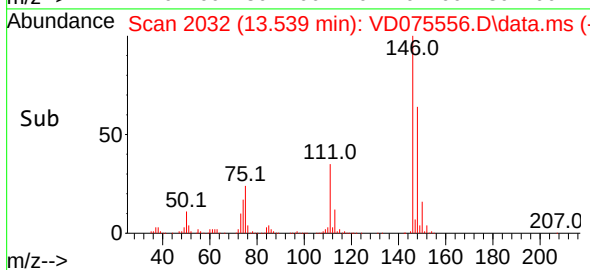
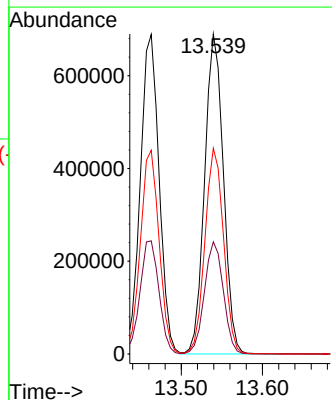
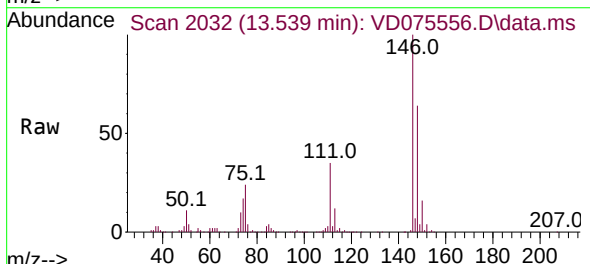
Instrument :
MSVOA_D
ClientSampleId :

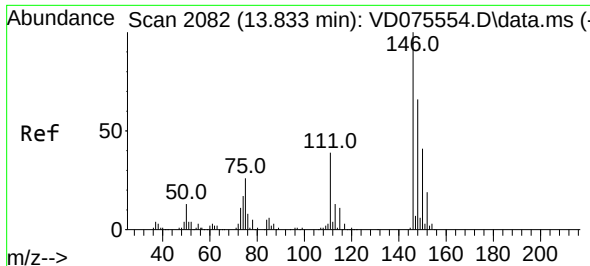
Tgt Ion:146 Resp: 1107302
Ion Ratio Lower Upper
146 100
111 35.4 26.2 48.8
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 95.681 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:146 Resp: 1105952
Ion Ratio Lower Upper
146 100
111 35.0 26.0 48.4
148 64.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 100.033 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

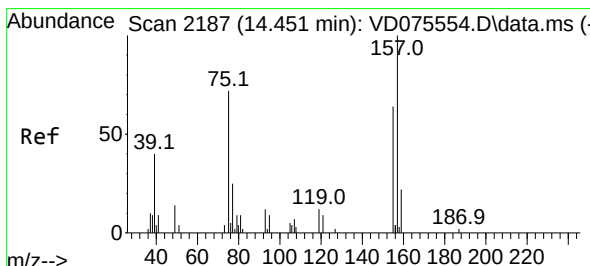
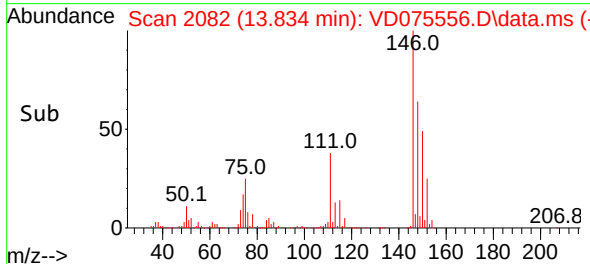
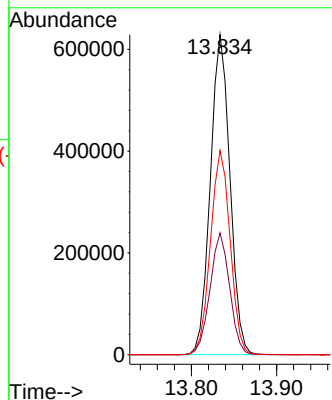
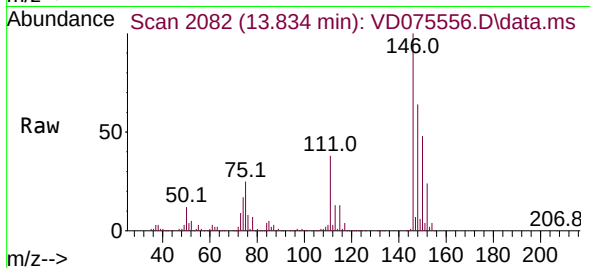
Tgt Ion:146 Resp: 1003996

Ion Ratio Lower Upper

146 100

111 38.0 31.3 46.9

148 63.8 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 84.736 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075556.D

Acq: 31 Mar 2023 13:31

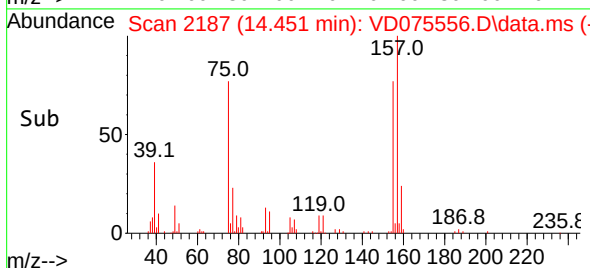
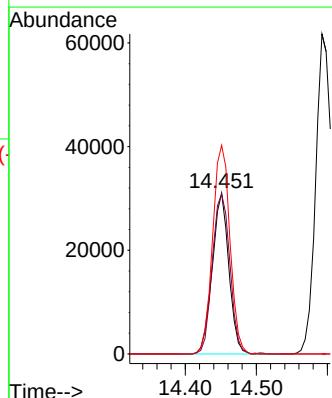
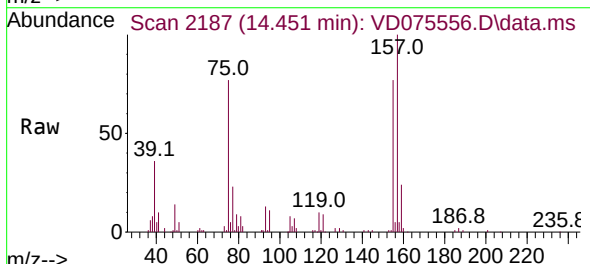
Tgt Ion: 75 Resp: 50061

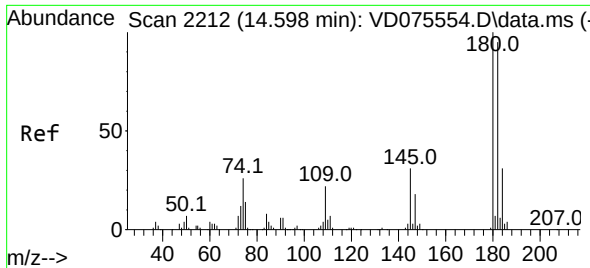
Ion Ratio Lower Upper

75 100

155 99.4 70.6 106.0

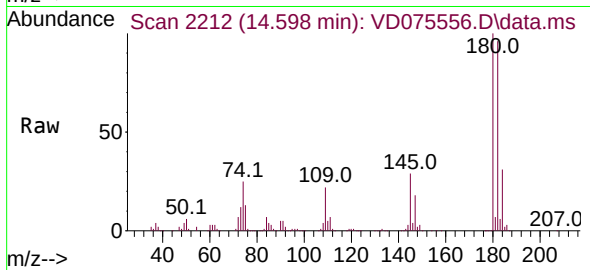
157 129.6 111.3 166.9



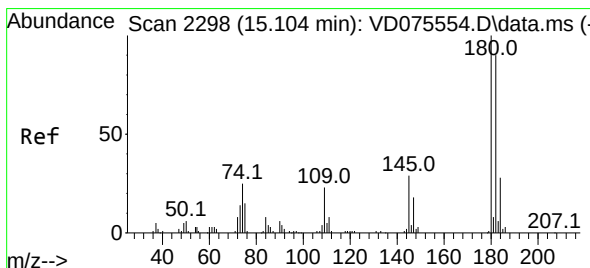
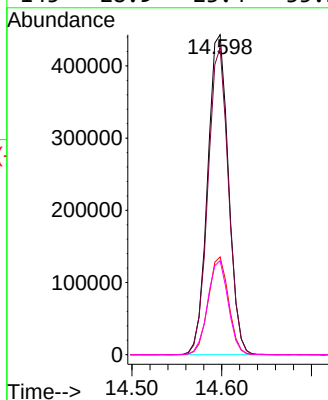
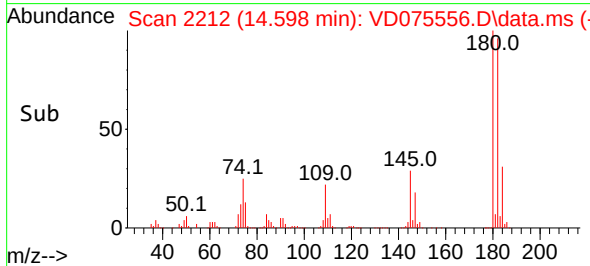


#69
 1,3,5-Trichlorobenzene
 Concen: 104.375 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31

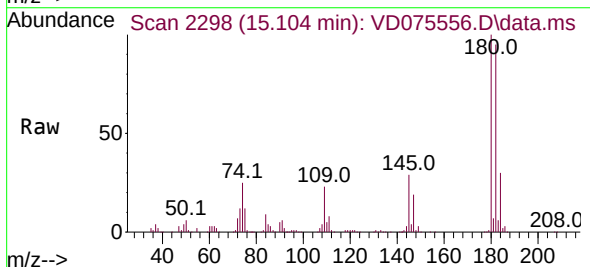
Instrument :
 MSVOA_D
 ClientSampleId :



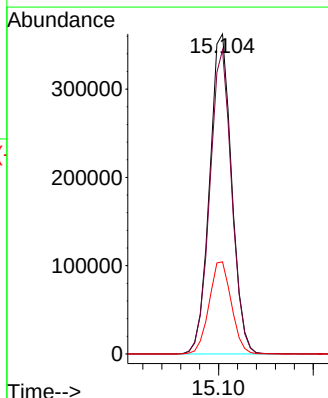
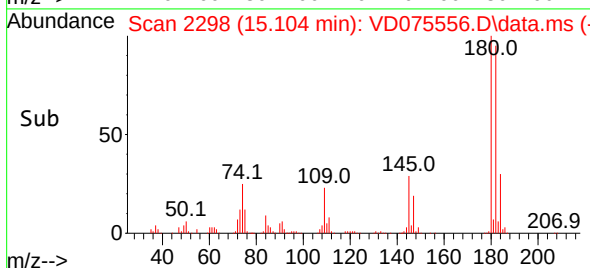
Tgt Ion:180 Resp: 713294
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.9 115.3
 184 29.9 24.6 36.8
 145 28.9 23.4 35.2

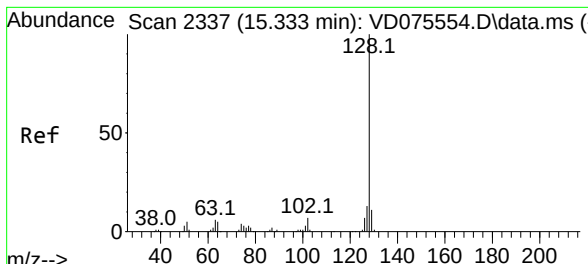


#70
 1,2,4-trichlorobenzene
 Concen: 106.120 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075556.D
 Acq: 31 Mar 2023 13:31



Tgt Ion:180 Resp: 587110
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.2 111.2
 145 29.1 22.9 34.3



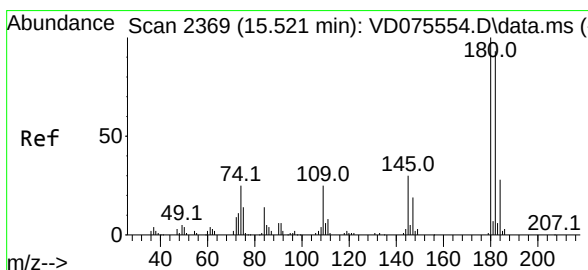
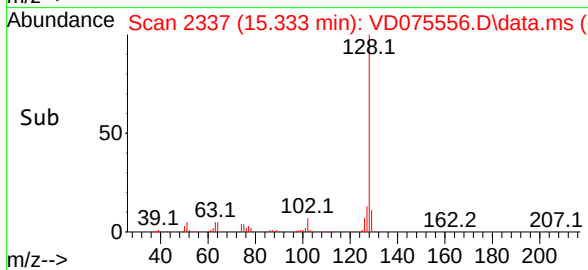
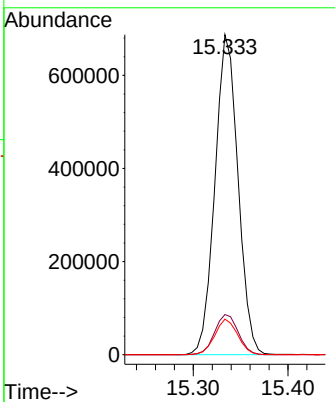
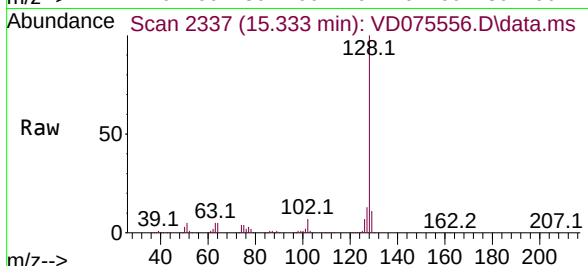


#71
Naphthalene
Concen: 113.835 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1164411

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 104.427 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075556.D
Acq: 31 Mar 2023 13:31

Tgt Ion:180 Resp: 517512

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.4	113.0
145	31.5	25.2	37.8

