

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075804.D
 Acq On : 25 Apr 2023 10:44
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:36:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	389761	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	354330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	172691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	224660	26.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
7) Chloroethane-d5	2.805	69	182491	24.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	3.916	65	49825	25.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.120%
21) 2-Butanone-d5	6.987	46	35576	47.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.860%
24) Chloroform-d	7.569	84	242891	24.921	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.228	65	103548	24.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.520%
32) Benzene-d6	8.199	84	525610	25.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.210	67	144326	25.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.269	98	504865	26.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.440%
43) trans-1,3-Dichloroprop...	10.528	79	57342	24.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.881	63	33710	48.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105749	24.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	148798	24.360	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	147683	27.486	ug/L	100
3) Chloromethane	2.146	50	182544	24.371	ug/L	98
5) Vinyl chloride	2.287	62	250312	25.570	ug/L	100
6) Bromomethane	2.699	94	164904	25.069	ug/L	96
8) Chloroethane	2.840	64	155164	24.508	ug/L	99
9) Trichlorofluoromethane	3.181	101	201938	25.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	139264	26.354	ug/L	98
12) 1,1-Dichloroethene	3.946	96	131616	25.682	ug/L	88
13) Acetone	4.016	43	30915	48.668	ug/L	99
14) Carbon disulfide	4.275	76	458525	25.616	ug/L	100
15) Methyl Acetate	4.563	43	34445	25.021	ug/L #	61
16) Methylene chloride	4.805	84	160016	20.238	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	145645	25.346	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	221509	24.031	ug/L	99
19) 1,1-Dichloroethane	6.116	63	216946	25.771	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	149372	24.583	ug/L	96
22) 2-Butanone	7.087	43	43247	52.223	ug/L	98
23) Bromochloromethane	7.428	128	72588	25.759	ug/L #	93
25) Chloroform	7.593	83	234974	24.906	ug/L	100

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 Response via : Initial Calibration

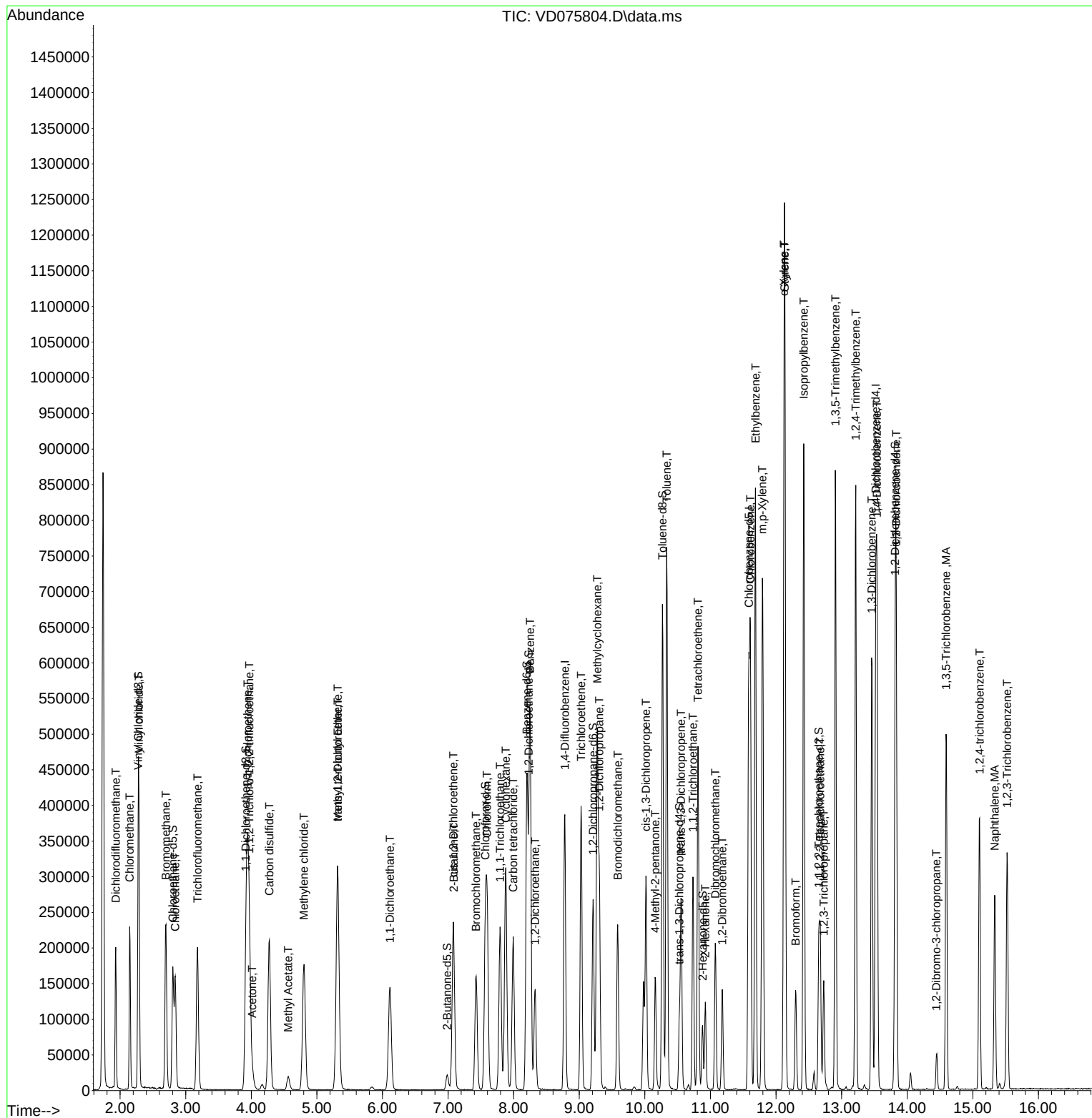
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27) 1,2-Dichloroethane	8.328	62	125434	25.757	ug/L	99
29) Cyclohexane	7.881	56	165633	27.306	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	193472	25.807	ug/L	100
31) Carbon tetrachloride	7.993	117	159689	26.550	ug/L	99
33) Benzene	8.252	78	553881	25.842	ug/L	100
34) Trichloroethene	9.028	95	140908	25.422	ug/L	97
35) Methylcyclohexane	9.275	83	231418	27.080	ug/L	99
37) 1,2-Dichloropropane	9.304	63	129549	26.313	ug/L	99
38) Bromodichloromethane	9.587	83	166845	25.133	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	195150	24.924	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	94115	52.431	ug/L	98
42) Toluene	10.334	91	627125	27.038	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	164225	26.109	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	104837	25.030	ug/L	97
46) Tetrachloroethene	10.810	164	122036	26.844	ug/L	91
48) 2-Hexanone	10.922	43	66387	52.461	ug/L	96
49) Dibromochloromethane	11.075	129	114779	25.172	ug/L	99
50) 1,2-Dibromoethane	11.181	107	94285	24.968	ug/L	96
51) Chlorobenzene	11.610	112	387800	25.558	ug/L	98
52) Ethylbenzene	11.687	91	633089	26.618	ug/L	100
53) m,p-Xylene	11.792	106	261137	27.574	ug/L	97
54) o-Xylene	12.122	106	238326	26.495	ug/L	97
55) Styrene	12.134	104	424506	27.115	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	104471	24.514	ug/L	100
59) Bromoform	12.298	173	66342	25.066	ug/L	99
60) Isopropylbenzene	12.422	105	610218	26.649	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	66476	24.505	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	473295	27.719	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	454175	27.593	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	283458	25.872	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	290966	25.304	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	249999	25.551	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12626	23.281	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	168077	22.888	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	134105	22.036	ug/L	98
71) Naphthalene	15.333	128	251036	22.541	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	123188	22.677	ug/L	100

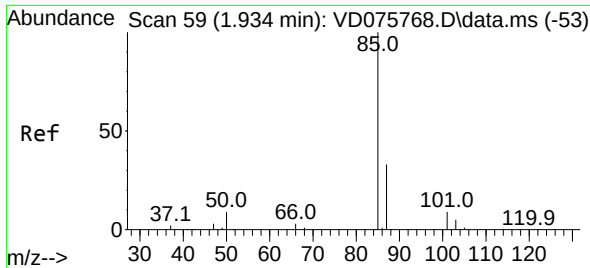
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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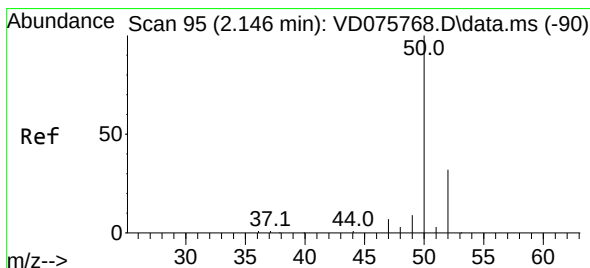
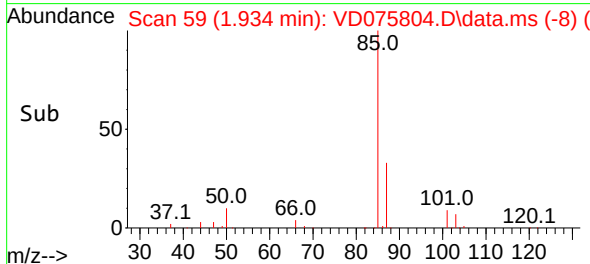
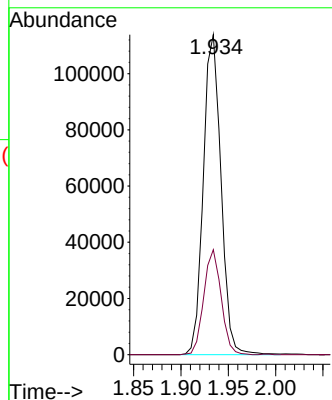
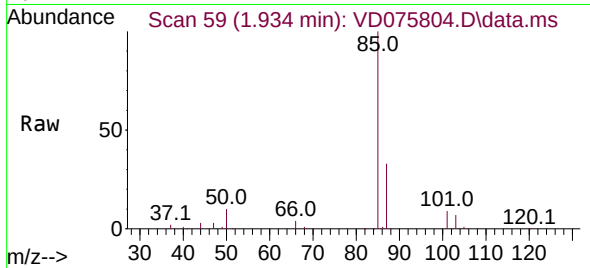




#2
 Dichlorodifluoromethane
 Concen: 27.486 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

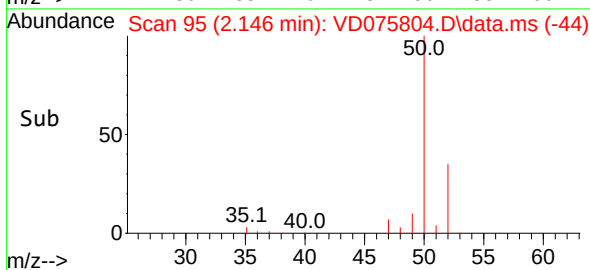
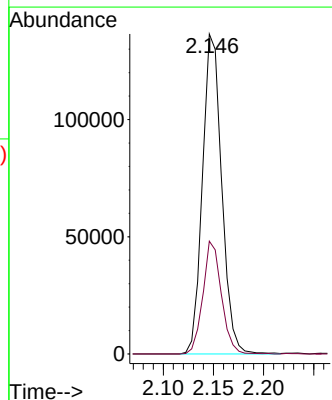
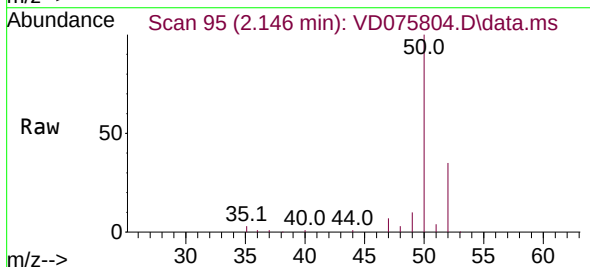
Instrument :
 MSVOA_D
 ClientSampleId :

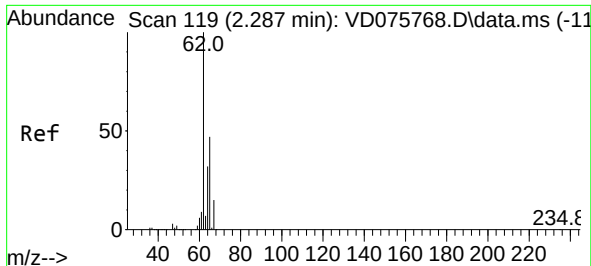
Tgt Ion: 85 Resp: 147683
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 24.371 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

Tgt Ion: 50 Resp: 182544
 Ion Ratio Lower Upper
 50 100
 52 35.2 23.7 44.1

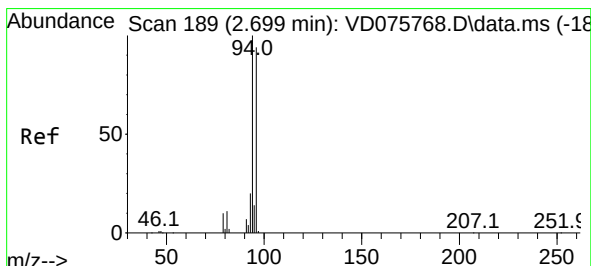
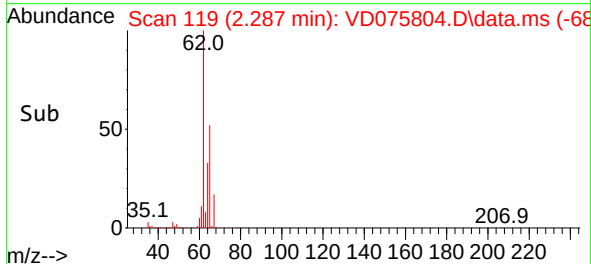
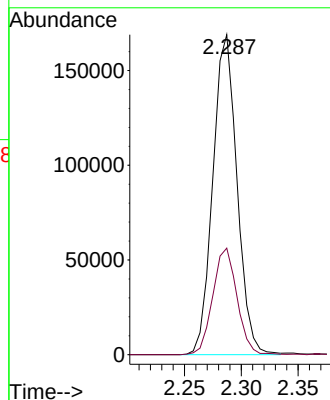
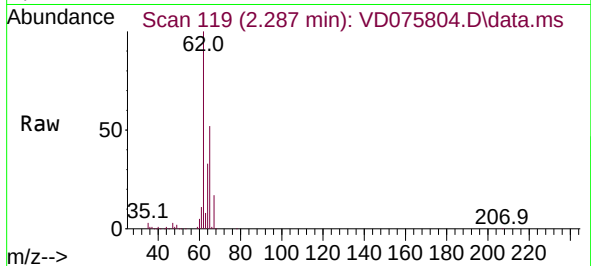




#5
 Vinyl chloride
 Concen: 25.570 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

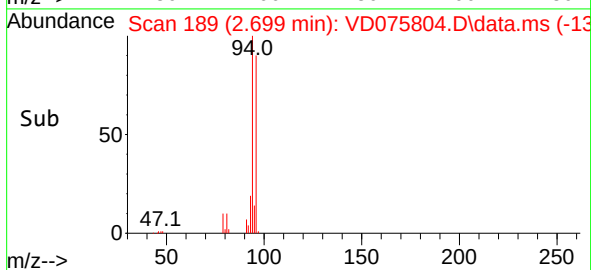
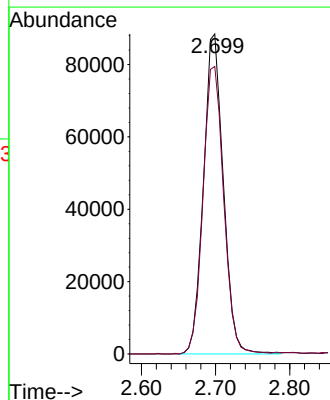
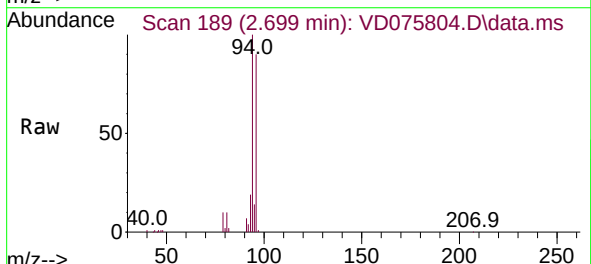
Instrument :
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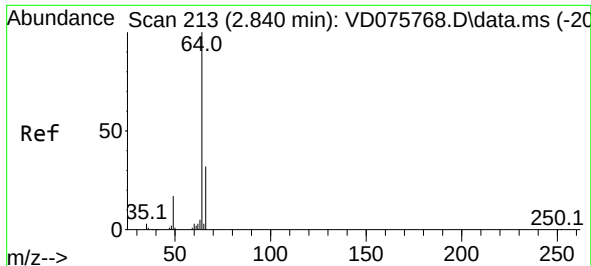
Tgt Ion: 62 Resp: 250312
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 25.069 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

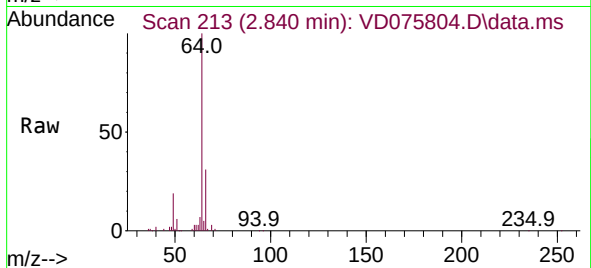
Tgt Ion: 94 Resp: 164904
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.7 121.9



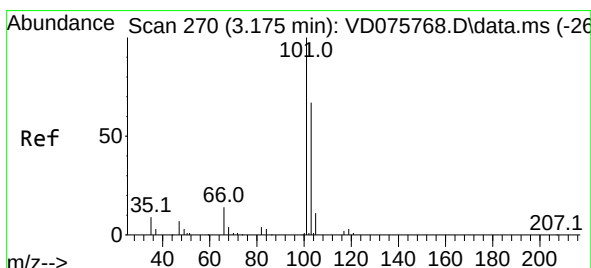
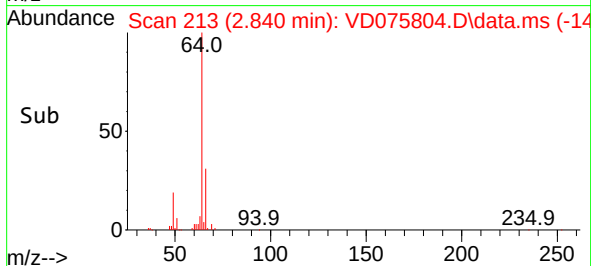
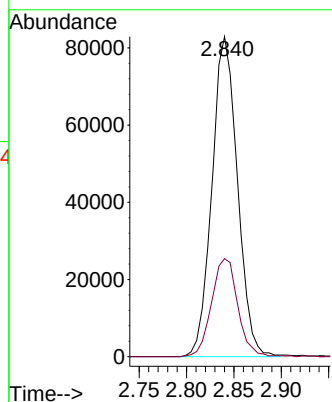


#8
Chloroethane
Concen: 24.508 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Instrument :
MSVOA_D
ClientSampleId :

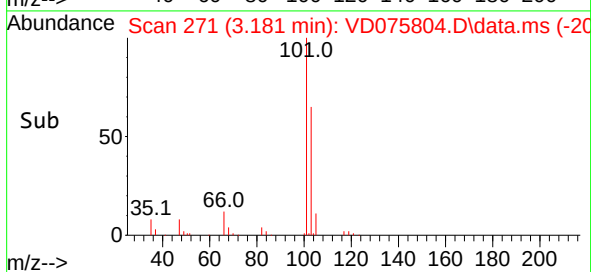
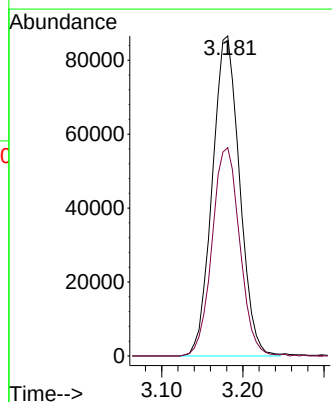
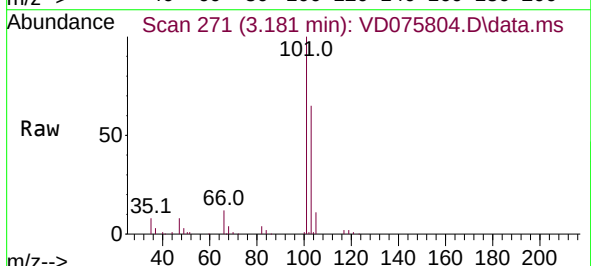


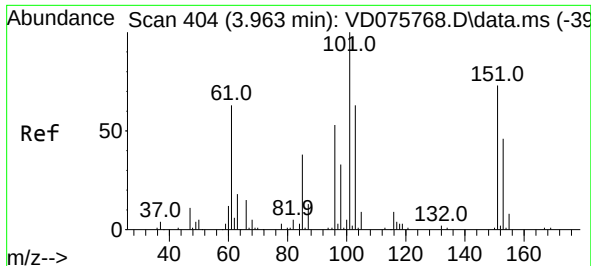
Tgt Ion: 64 Resp: 155164
Ion Ratio Lower Upper
64 100
66 30.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.673 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion: 101 Resp: 201938
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.4

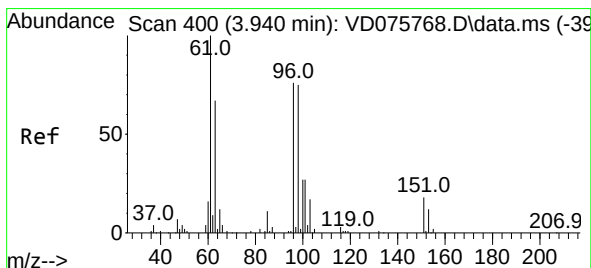
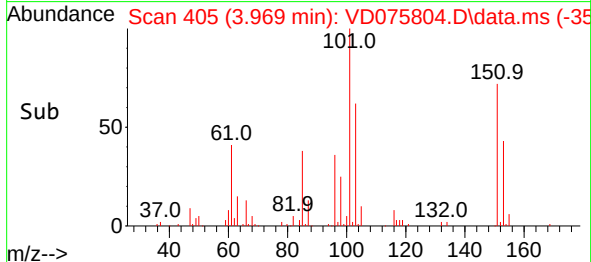
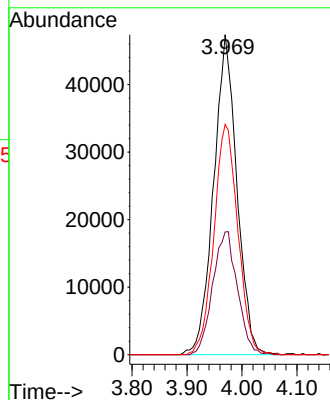
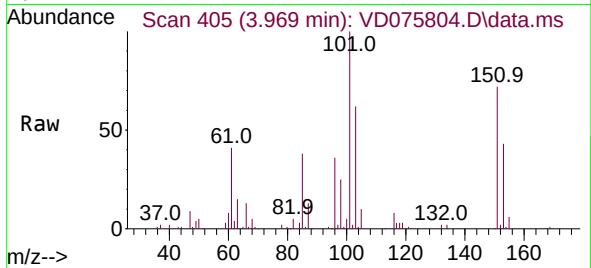




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.354 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

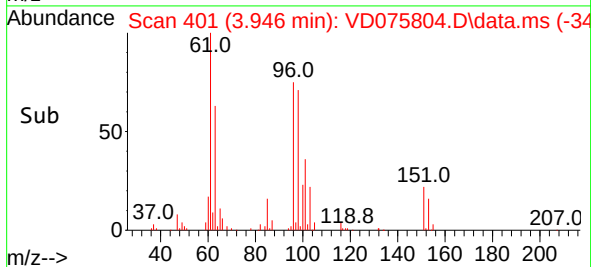
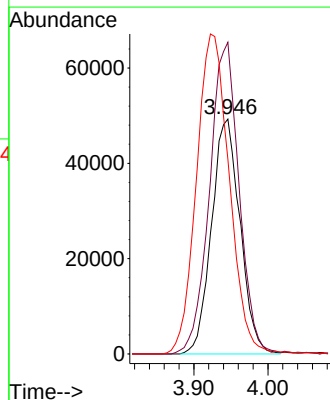
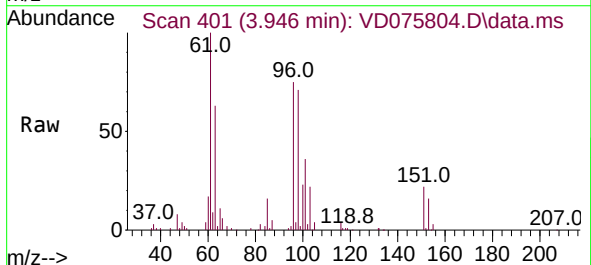
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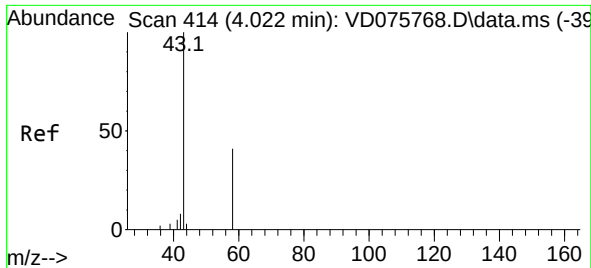
Tgt Ion:101 Resp: 139264
 Ion Ratio Lower Upper
 101 100
 85 40.6 32.9 49.3
 151 74.1 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.682 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

Tgt Ion: 96 Resp: 131616
 Ion Ratio Lower Upper
 96 100
 61 132.7 92.6 172.0
 63 82.9 77.4 143.8





#13

Acetone

Concen: 48.668 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

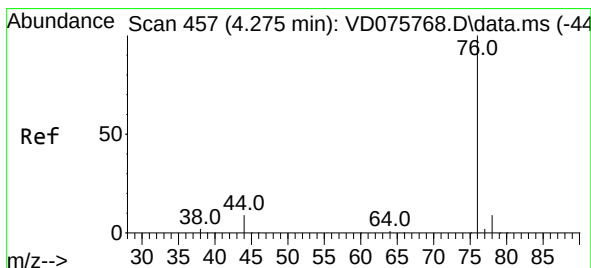
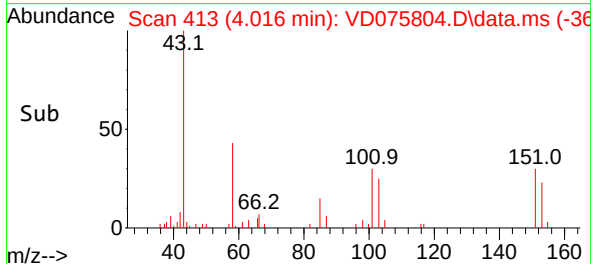
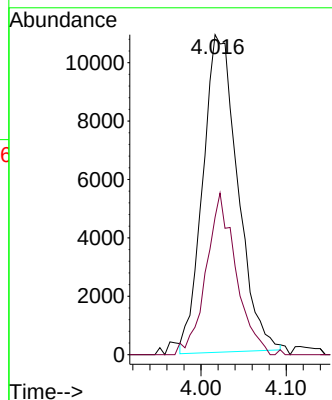
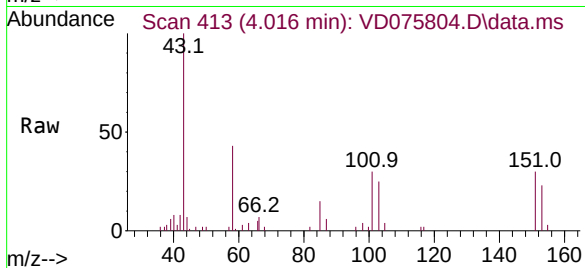
ClientSampleId :

Tgt Ion: 43 Resp: 30915

Ion Ratio Lower Upper

43 100

58 43.4 0.0 87.4



#14

Carbon disulfide

Concen: 25.616 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075804.D

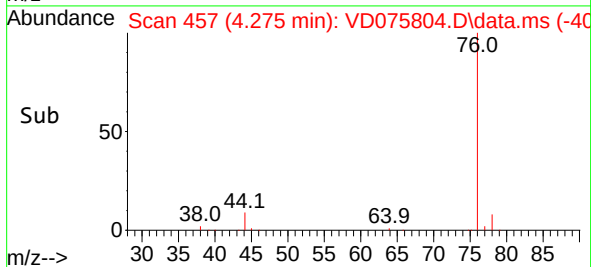
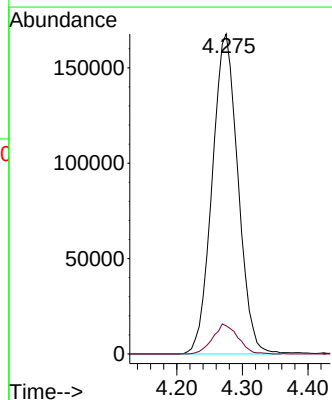
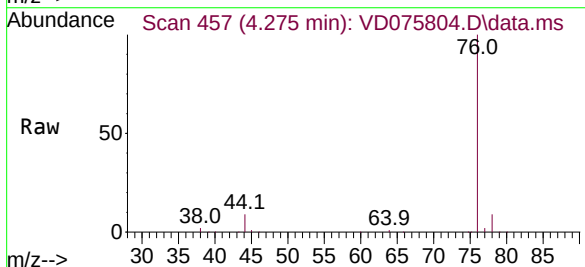
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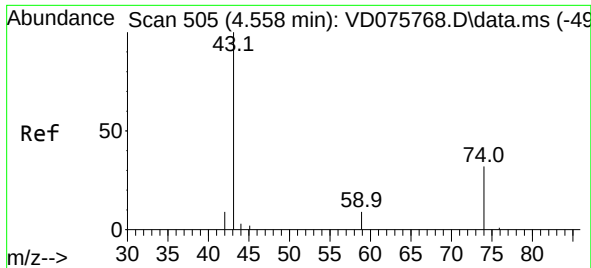
Tgt Ion: 76 Resp: 458525

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

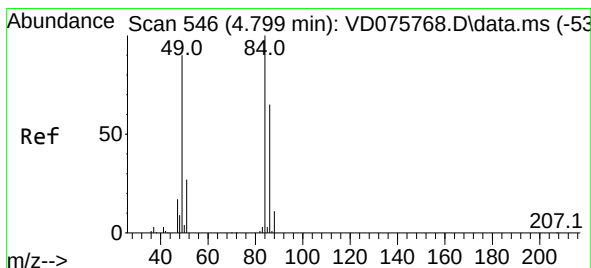
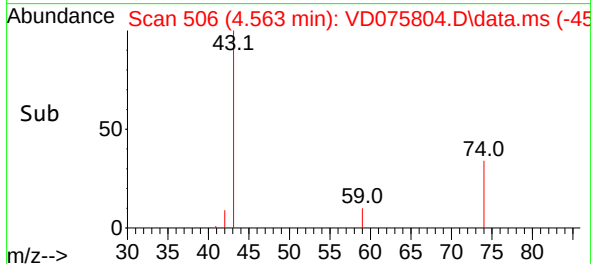
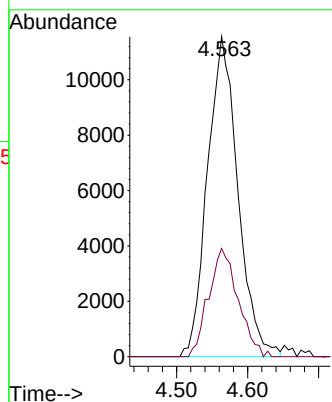
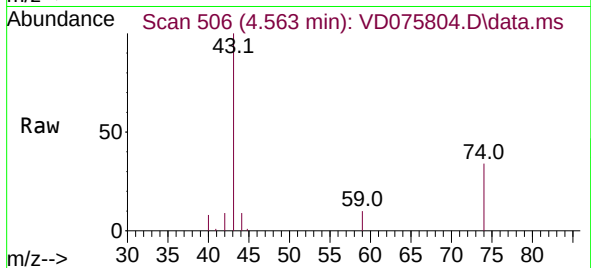




#15
Methyl Acetate
Concen: 25.021 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

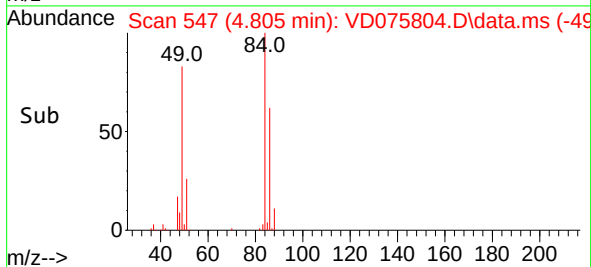
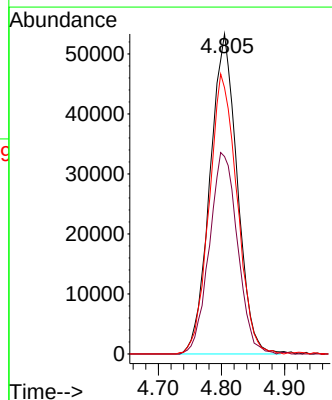
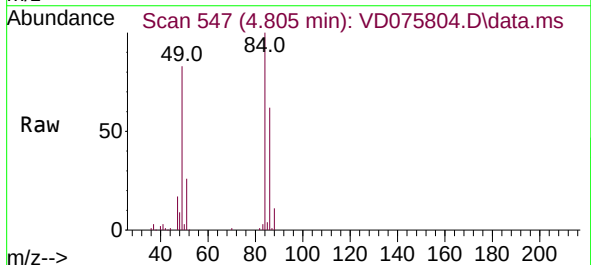
Instrument :
MSVOA_D
ClientSampleId :

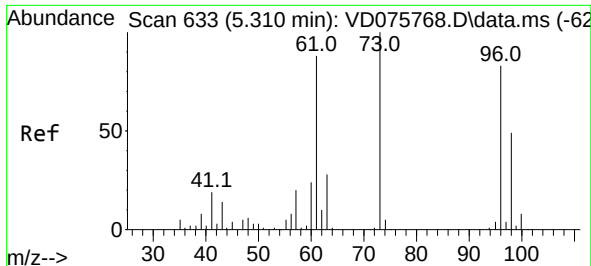
Tgt Ion: 43 Resp: 34445
Ion Ratio Lower Upper
43 100
74 32.6 12.8 19.2#



#16
Methylene chloride
Concen: 20.238 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion: 84 Resp: 160016
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.2
49 83.2 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.346 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

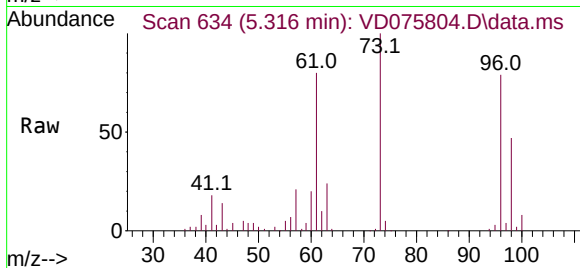
Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :



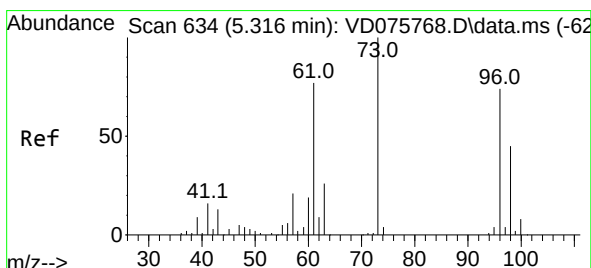
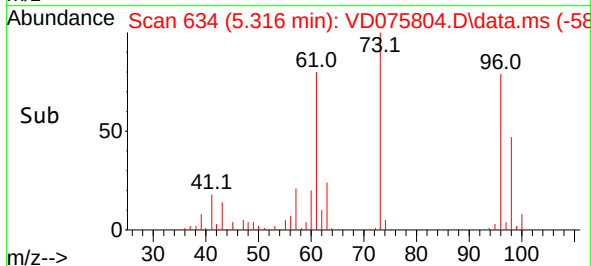
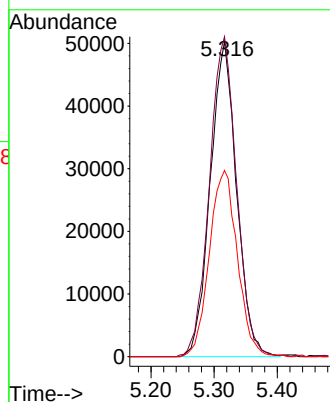
Tgt Ion: 96 Resp: 145645

Ion Ratio Lower Upper

96 100

61 101.4 72.9 135.5

98 59.0 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 24.031 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

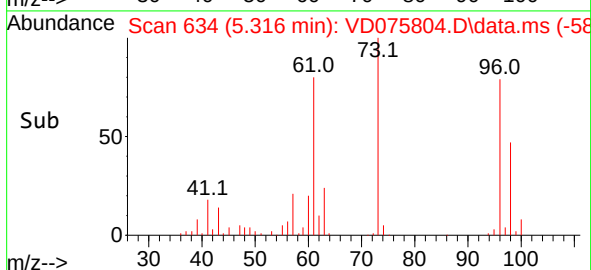
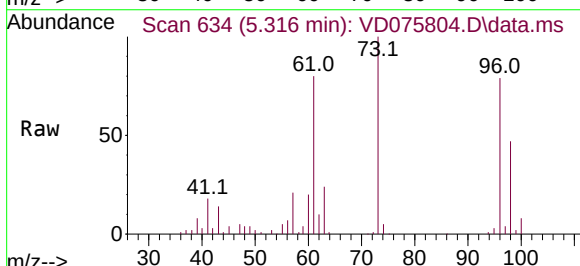
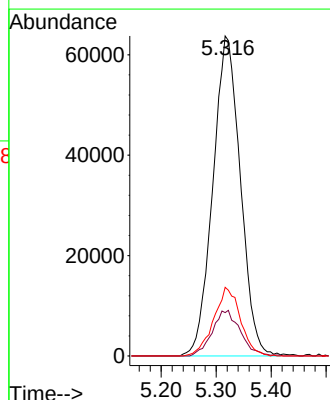
Tgt Ion: 73 Resp: 221509

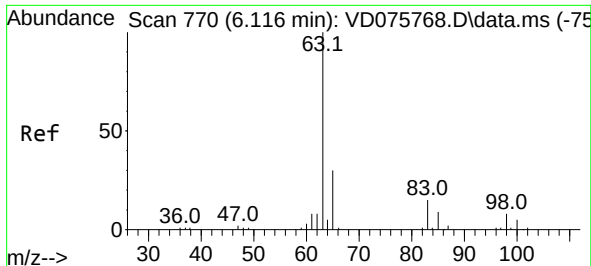
Ion Ratio Lower Upper

73 100

43 14.4 11.3 16.9

57 20.8 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.771 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

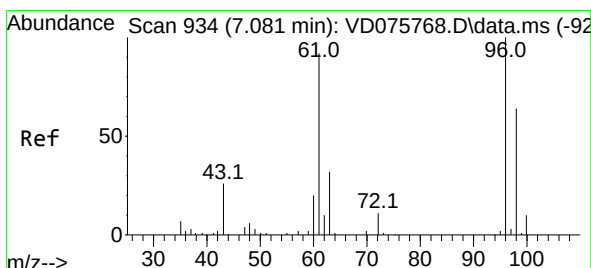
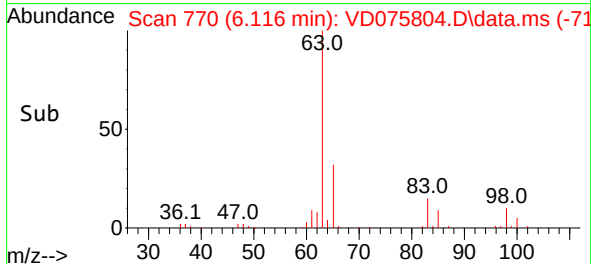
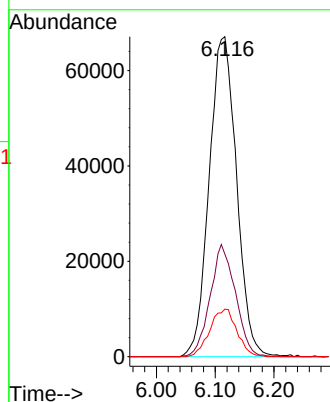
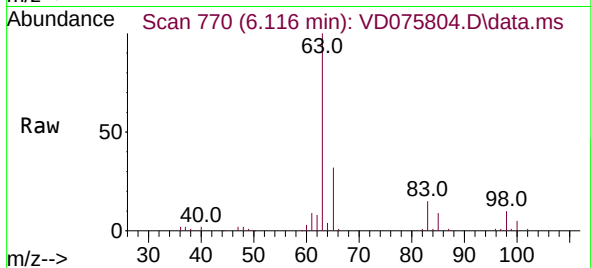
Tgt Ion: 63 Resp: 216946

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 14.9 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 24.583 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

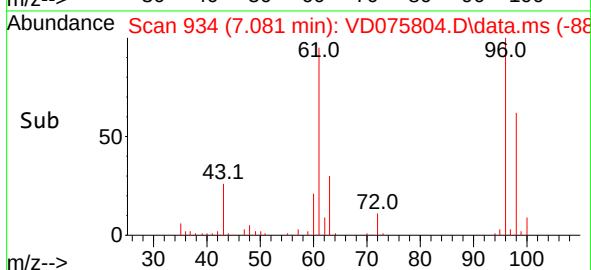
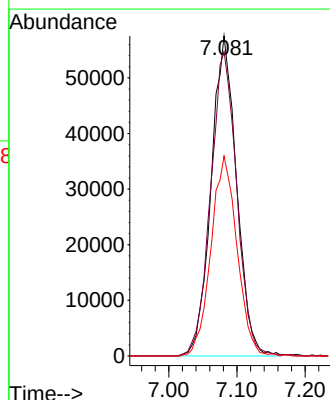
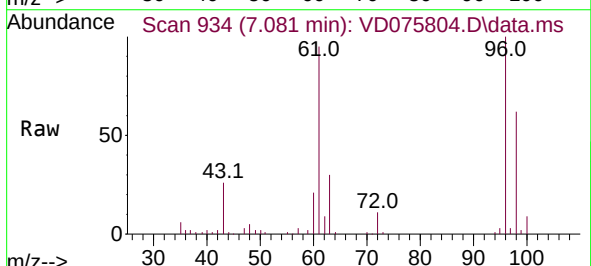
Tgt Ion: 96 Resp: 149372

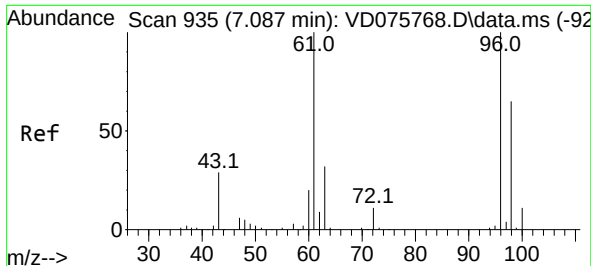
Ion Ratio Lower Upper

96 100

61 95.1 67.5 125.3

98 62.4 47.5 88.1

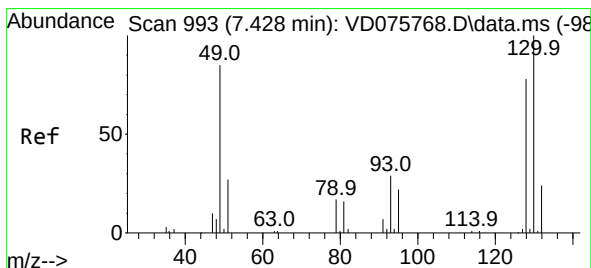
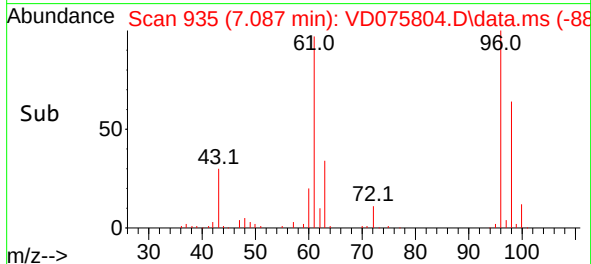
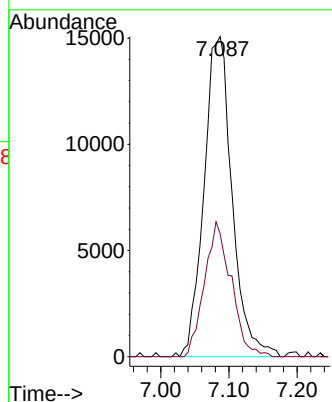
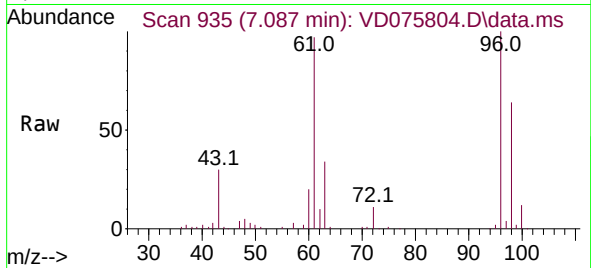




#22
2-Butanone
Concen: 52.223 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

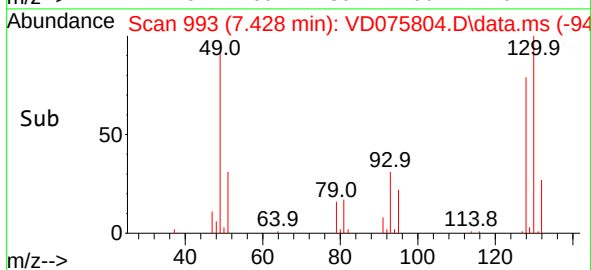
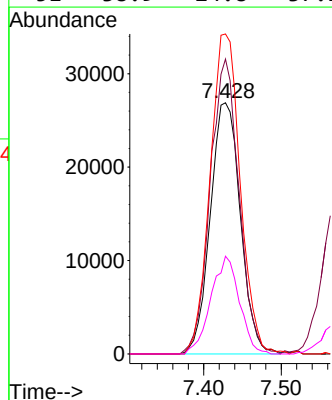
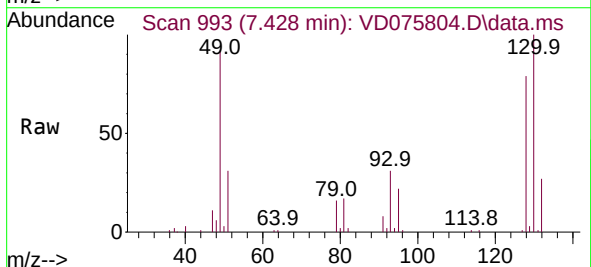
Instrument :
MSVOA_D
ClientSampleId :

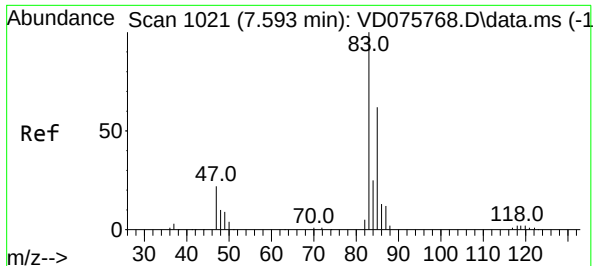
Tgt Ion: 43 Resp: 43247
Ion Ratio Lower Upper
43 100
72 39.7 20.5 61.5



#23
Bromochloromethane
Concen: 25.759 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion:128 Resp: 72588
Ion Ratio Lower Upper
128 100
49 117.3 76.4 142.0
130 127.4 93.5 173.7
51 38.9 24.8 37.2#





#25

Chloroform

Concen: 24.906 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

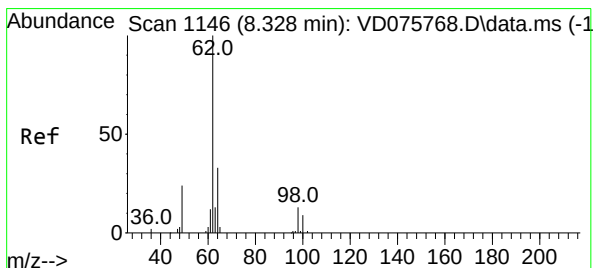
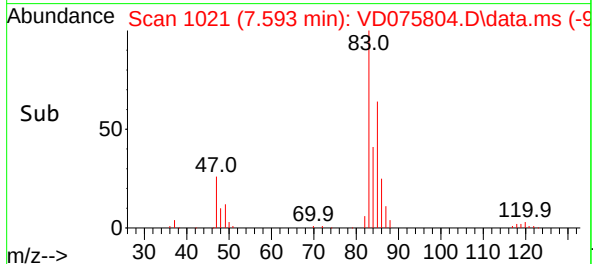
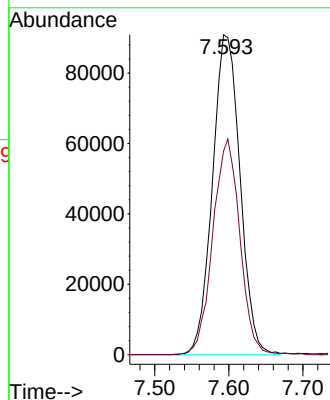
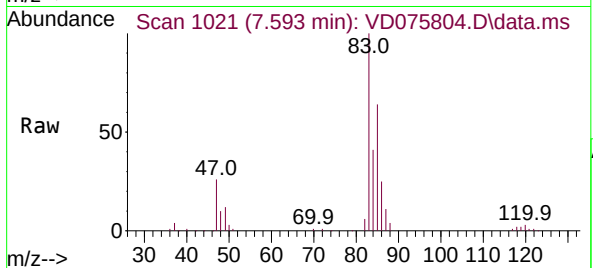
ClientSampleId :

Tgt Ion: 83 Resp: 234974

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.5



#27

1,2-Dichloroethane

Concen: 25.757 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075804.D

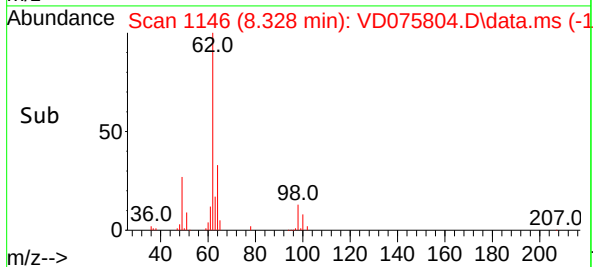
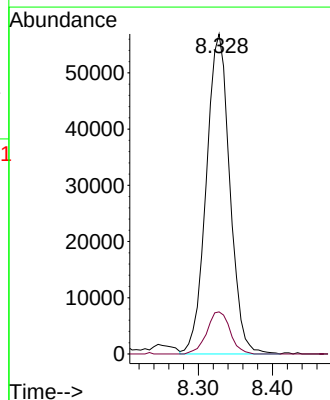
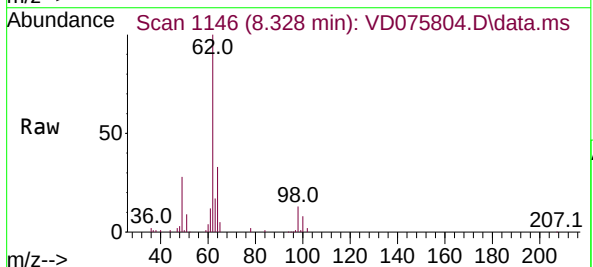
Acq: 25 Apr 2023 10:44

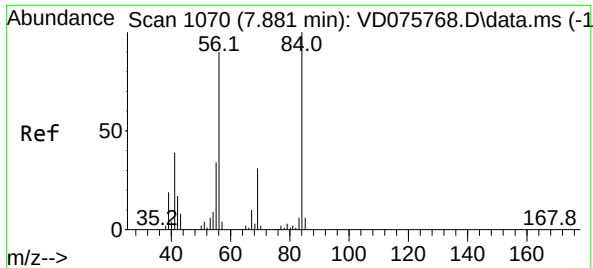
Tgt Ion: 62 Resp: 125434

Ion Ratio Lower Upper

62 100

98 13.2 10.2 15.2





#29

Cyclohexane

Concen: 27.306 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

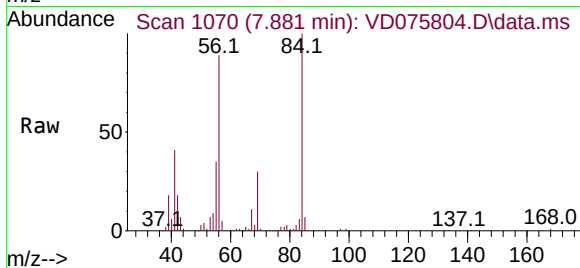
Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :



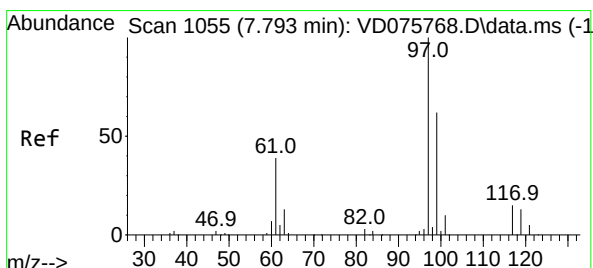
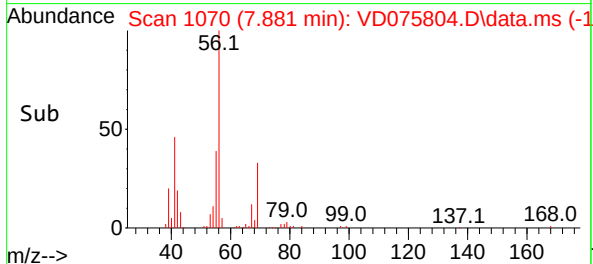
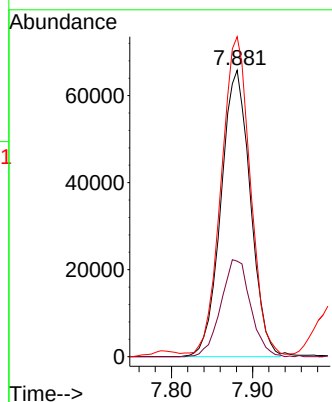
Tgt Ion: 56 Resp: 165633

Ion Ratio Lower Upper

56 100

69 34.1 28.2 42.2

84 110.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 25.807 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

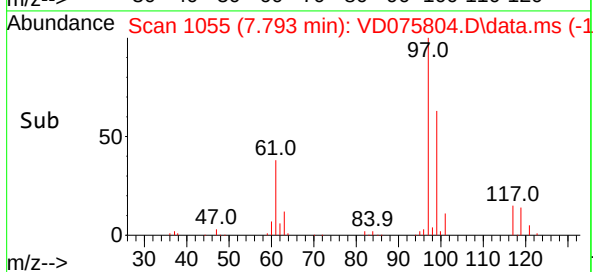
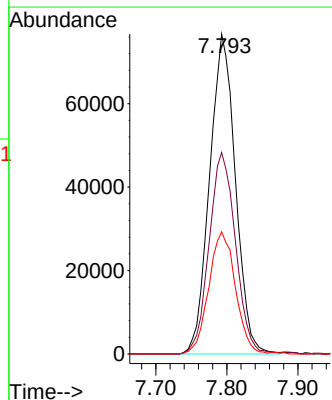
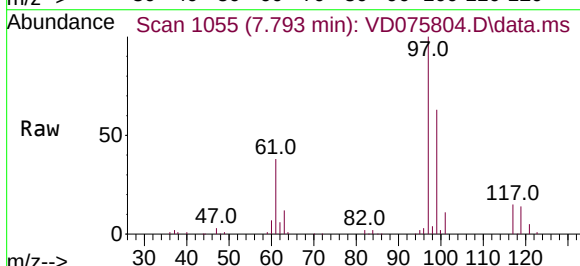
Tgt Ion: 97 Resp: 193472

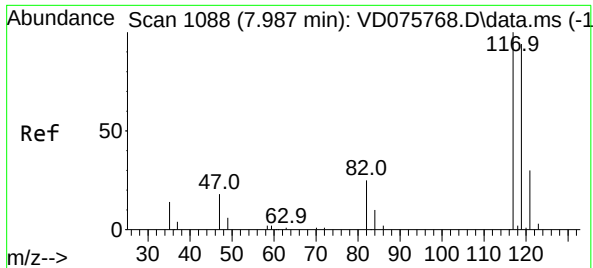
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

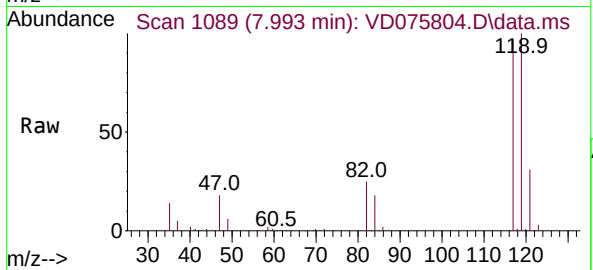
61 39.4 32.1 48.1



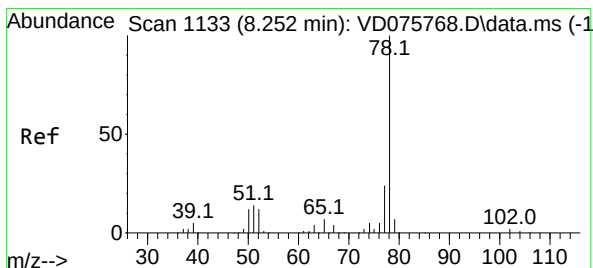
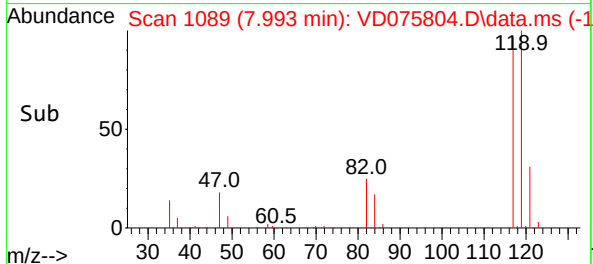
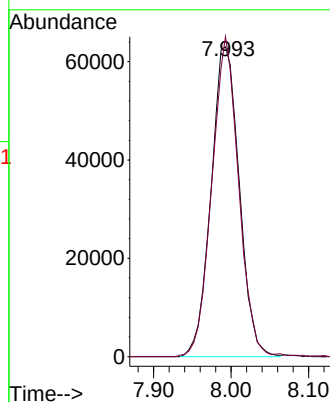


#31
Carbon tetrachloride
Concen: 26.550 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Instrument :
MSVOA_D
ClientSampleId :

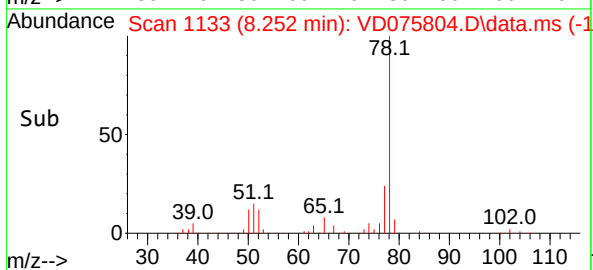
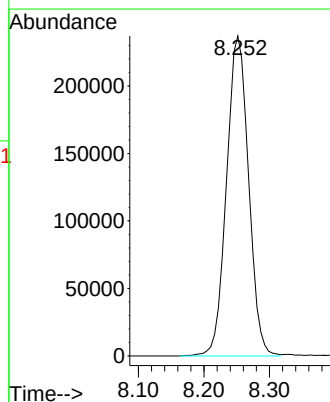
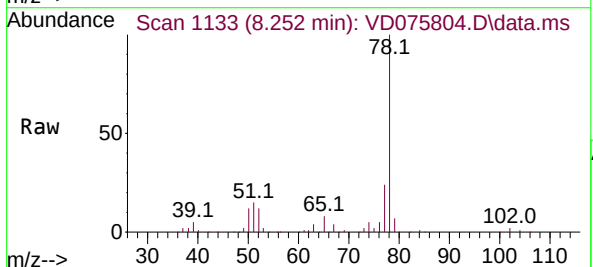


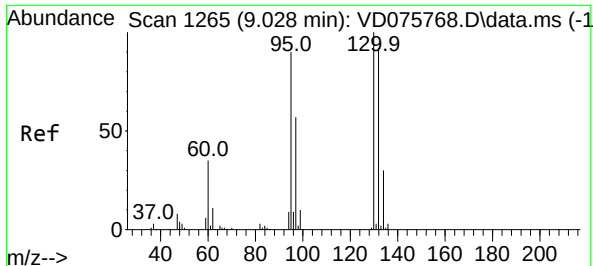
Tgt Ion:117 Resp: 159689
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.4



#33
Benzene
Concen: 25.842 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion: 78 Resp: 553881

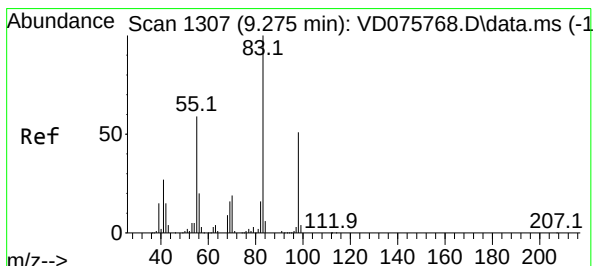
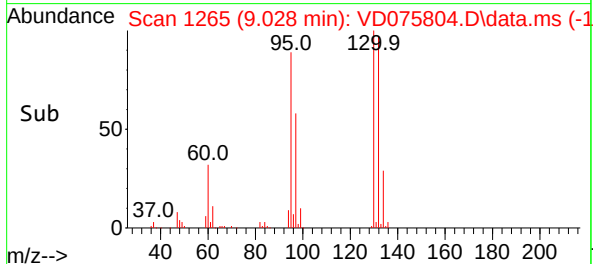
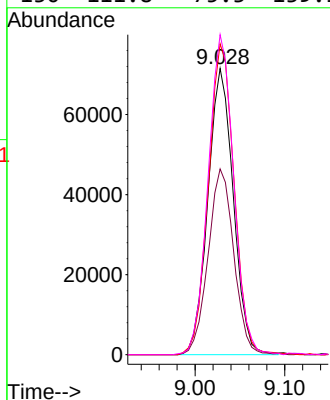
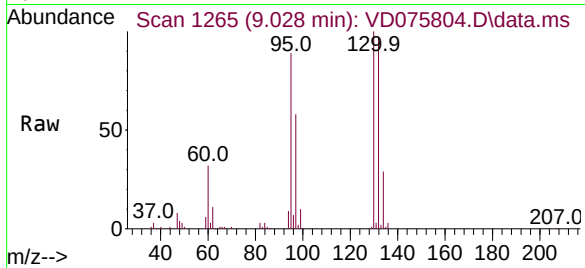




#34
Trichloroethene
Concen: 25.422 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

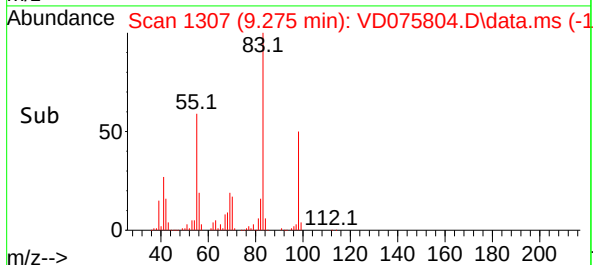
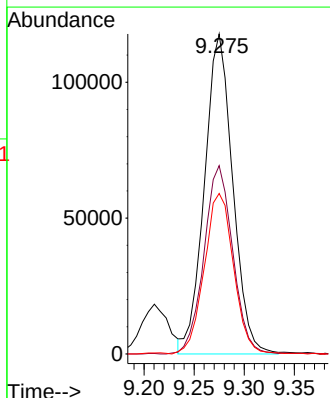
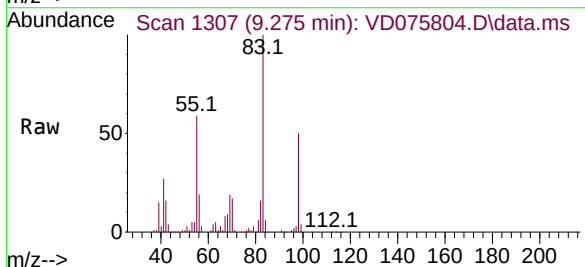
Instrument :
MSVOA_D
ClientSampleId :

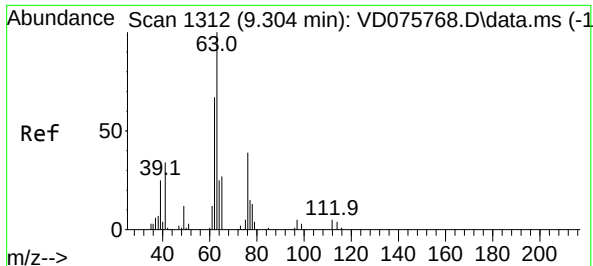
Tgt Ion: 95 Resp: 140908
Ion Ratio Lower Upper
95 100
97 64.9 46.0 85.4
132 108.6 73.3 136.1
130 111.8 75.3 139.9



#35
Methylcyclohexane
Concen: 27.080 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion: 83 Resp: 231418
Ion Ratio Lower Upper
83 100
55 59.8 48.2 72.2
98 52.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 26.313 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

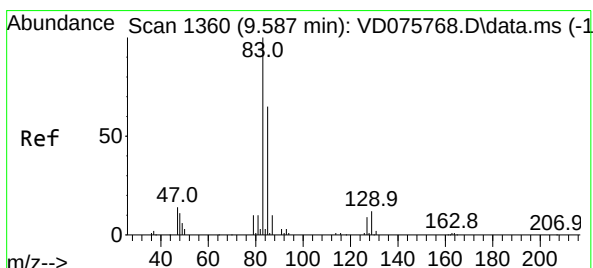
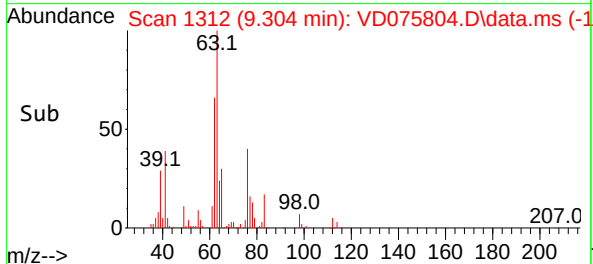
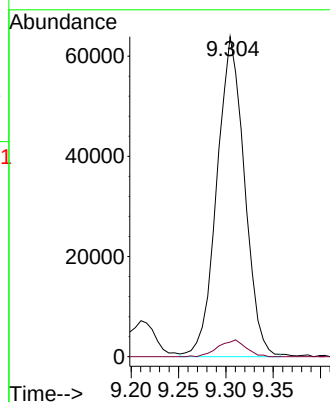
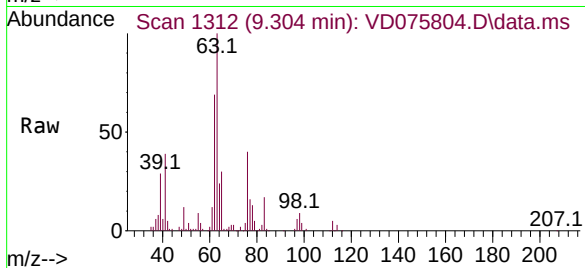
ClientSampleId :

Tgt Ion: 63 Resp: 129549

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 25.133 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

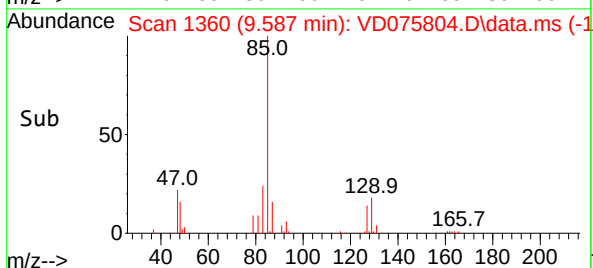
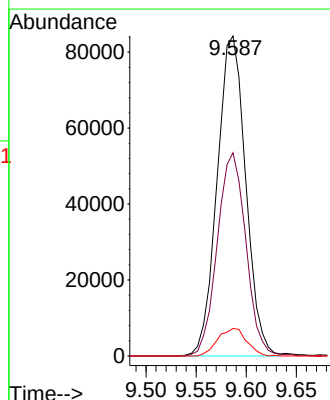
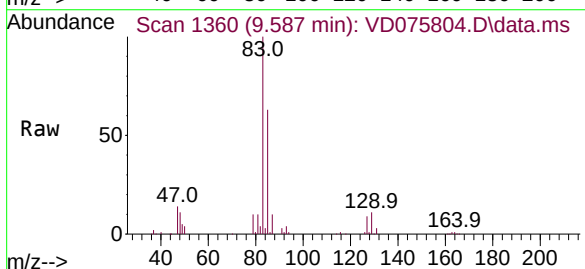
Tgt Ion: 83 Resp: 166845

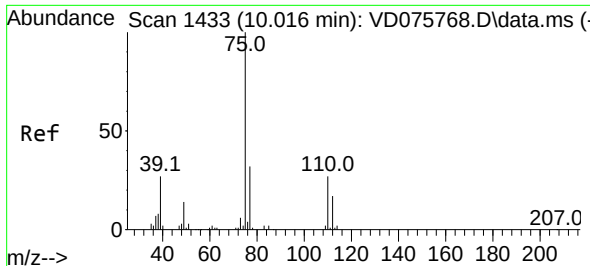
Ion Ratio Lower Upper

83 100

85 63.5 44.2 82.2

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.924 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

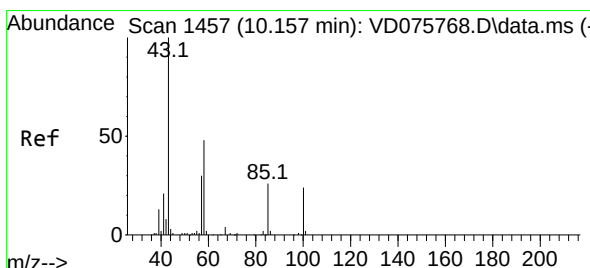
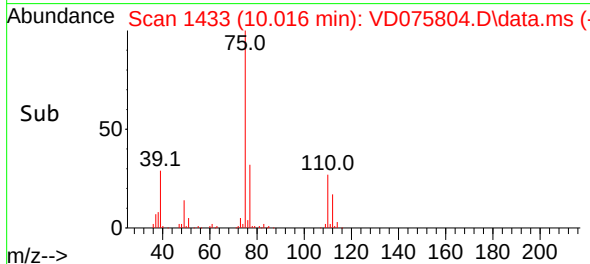
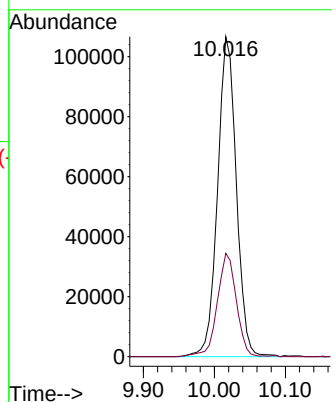
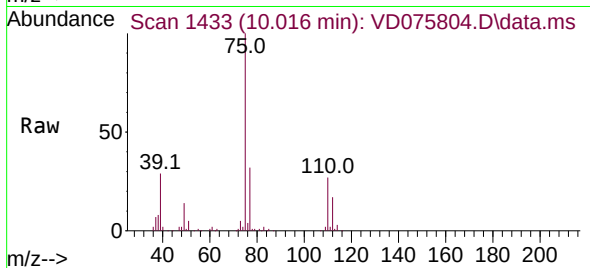
ClientSampleId :

Tgt Ion: 75 Resp: 195150

Ion Ratio Lower Upper

75 100

77 32.3 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 52.431 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

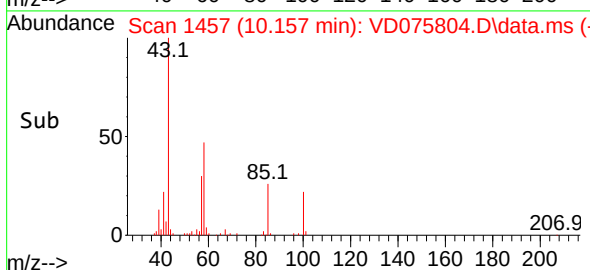
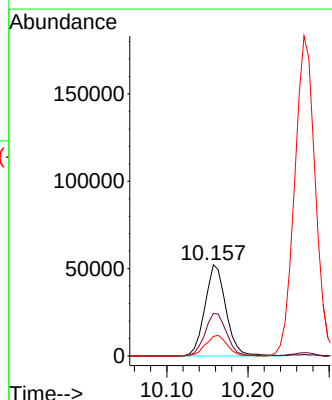
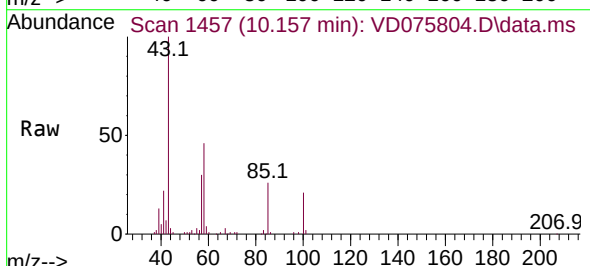
Tgt Ion: 43 Resp: 94115

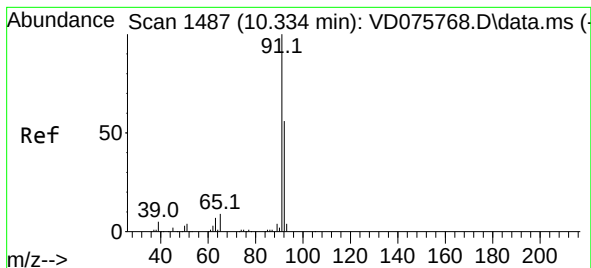
Ion Ratio Lower Upper

43 100

58 47.8 39.1 58.7

100 23.1 19.4 29.0





#42

Toluene

Concen: 27.038 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

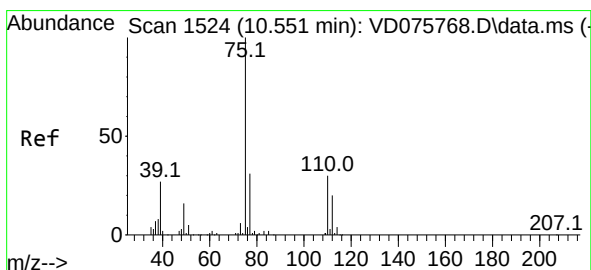
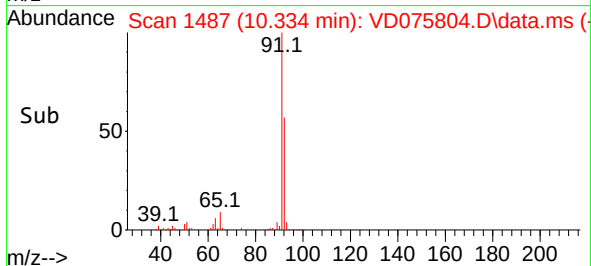
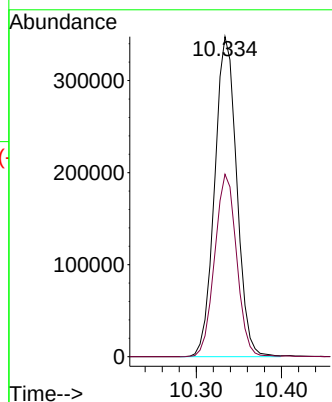
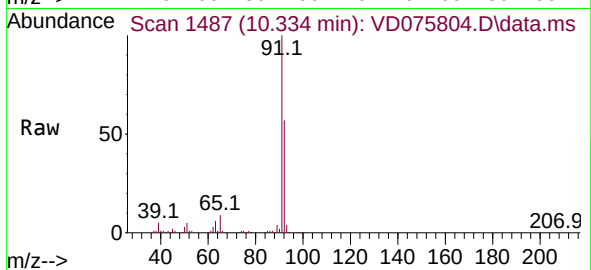
ClientSampleId :

Tgt Ion: 91 Resp: 627125

Ion Ratio Lower Upper

91 100

92 57.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 26.109 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD075804.D

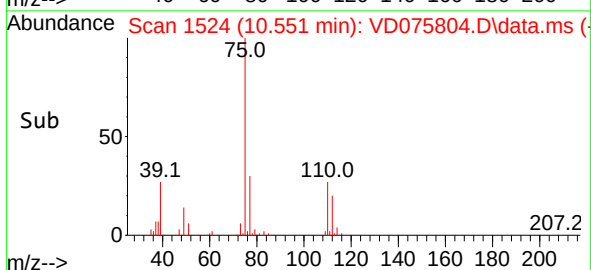
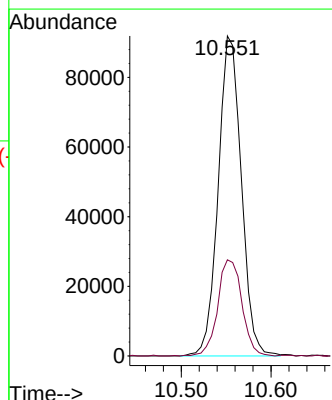
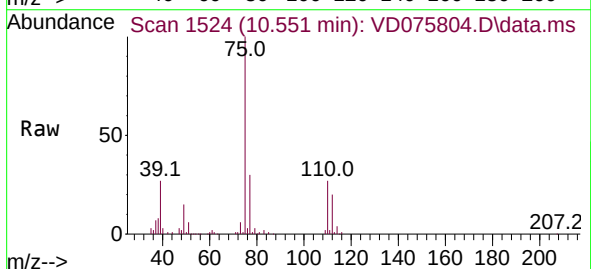
Acq: 25 Apr 2023 10:44

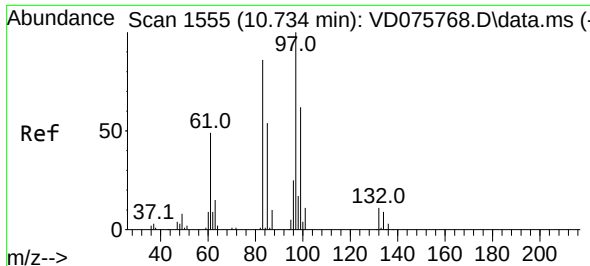
Tgt Ion: 75 Resp: 164225

Ion Ratio Lower Upper

75 100

77 30.0 22.0 41.0

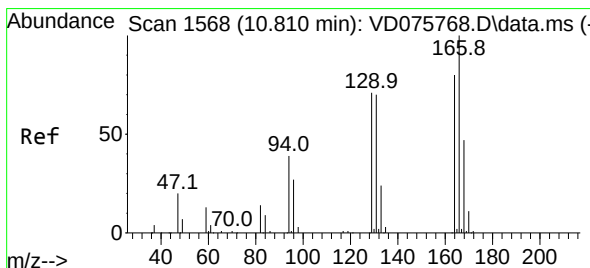
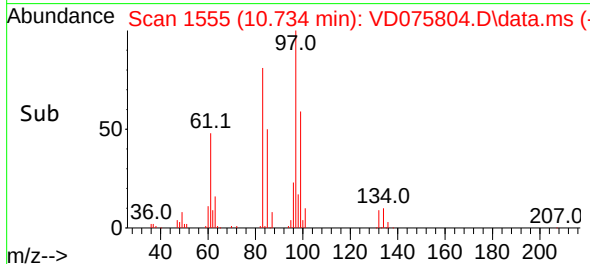
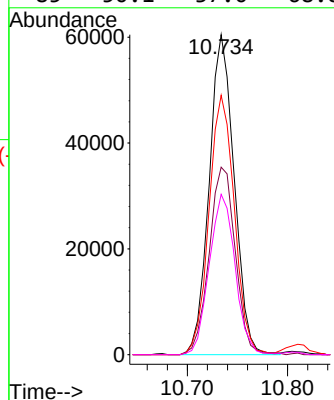
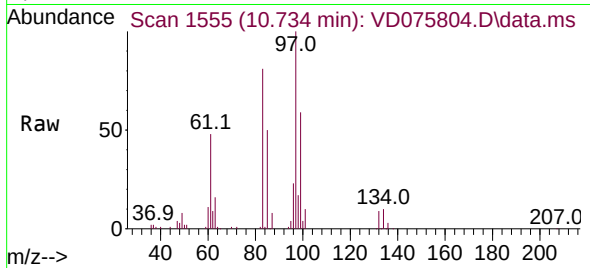




#45
1,1,2-Trichloroethane
Concen: 25.030 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

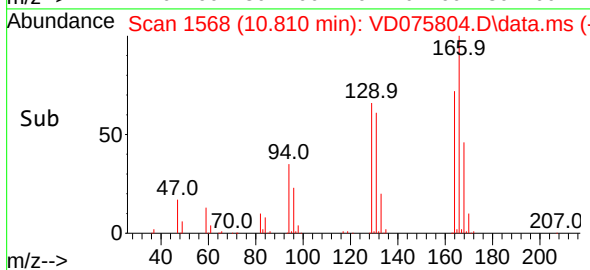
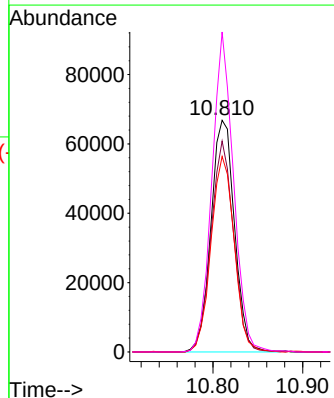
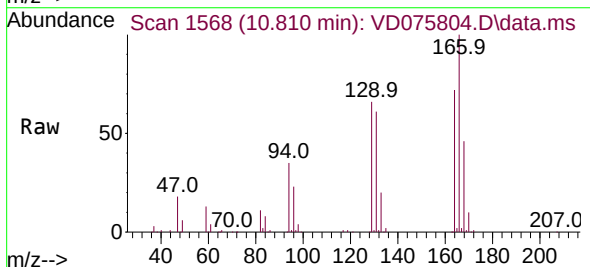
Instrument :
MSVOA_D
ClientSampleId :

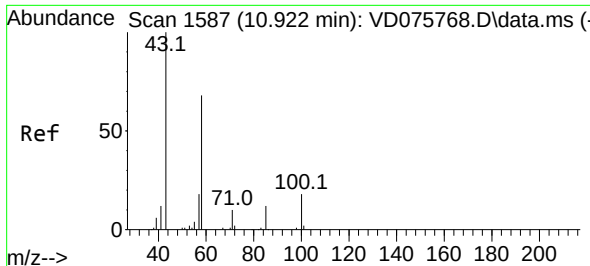
Tgt Ion: 97	Resp: 104837
Ion Ratio	Lower Upper
97 100	
99 58.6	42.2 78.4
83 81.1	54.8 101.8
85 50.1	37.0 68.8



#46
Tetrachloroethene
Concen: 26.844 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

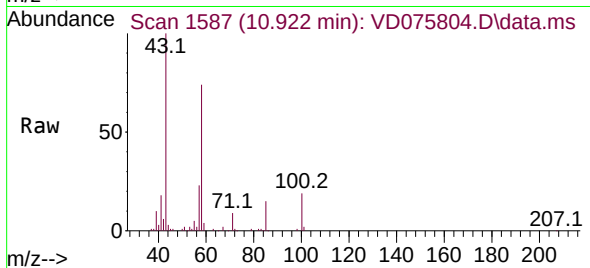
Tgt	Ion:164	Resp:	122036
Ion	Ratio	Lower	Upper
164	100		
129	91.0	60.3	112.1
131	84.4	58.9	109.3
166	138.1	83.0	154.1



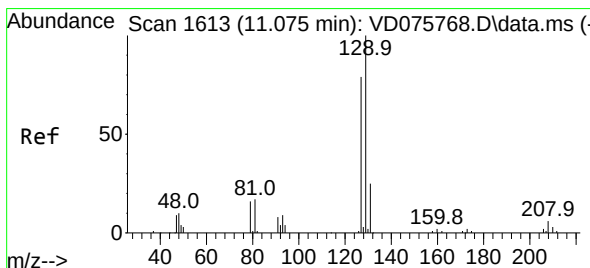
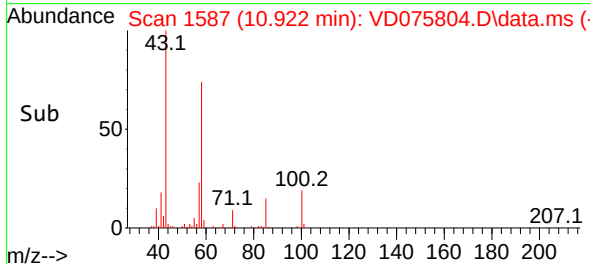
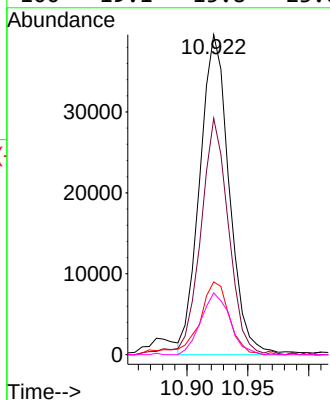


#48
2-Hexanone
Concen: 52.461 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Instrument :
MSVOA_D
ClientSampleId :

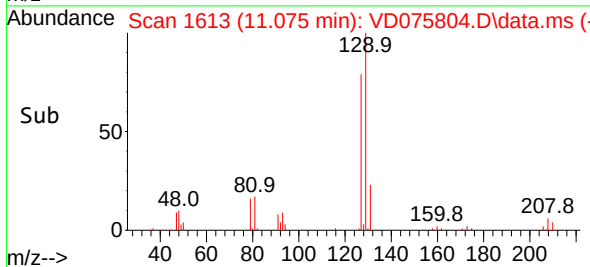
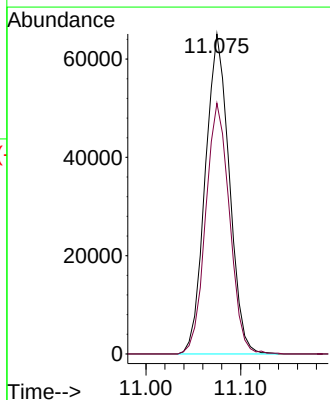
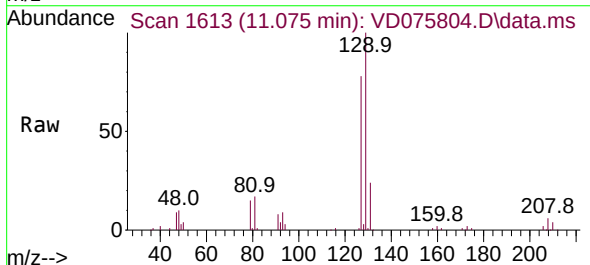


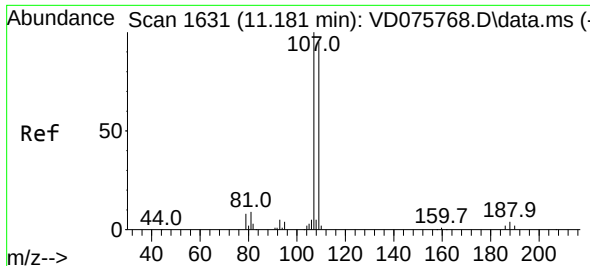
Tgt Ion:	43	Resp:	66387
Ion	Ratio	Lower	Upper
43	100		
58	68.9	59.7	89.5
57	22.4	17.9	26.9
100	19.1	15.8	23.6



#49
Dibromochloromethane
Concen: 25.172 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion:	129	Resp:	114779
Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.6	103.4

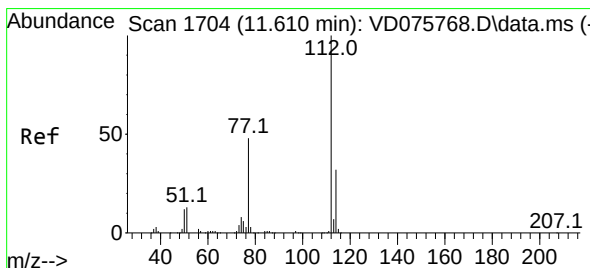
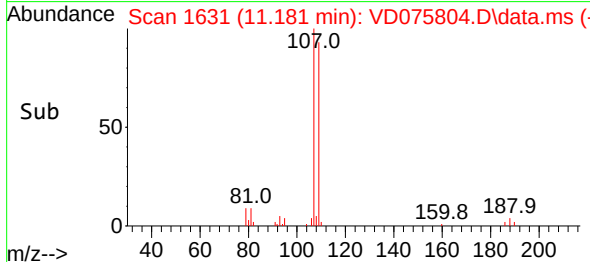
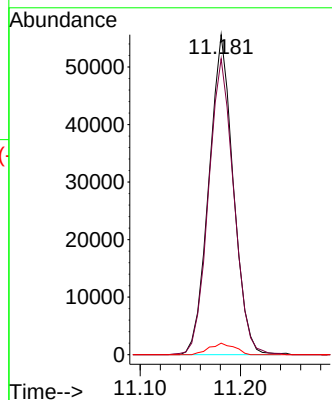
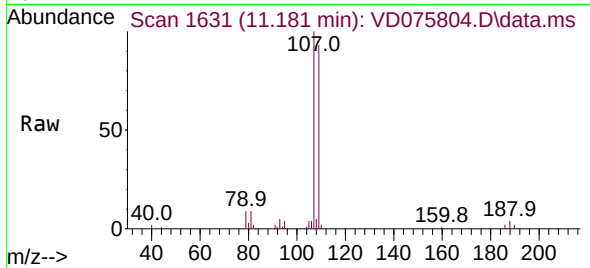




#50
1,2-Dibromoethane
Concen: 24.968 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

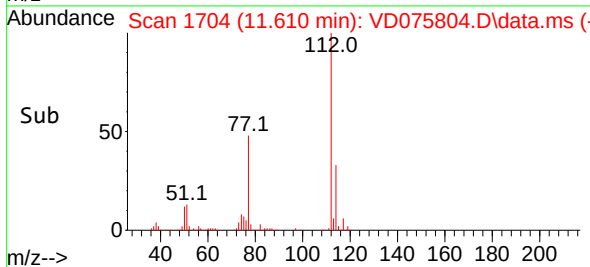
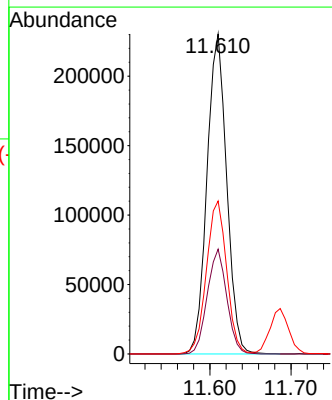
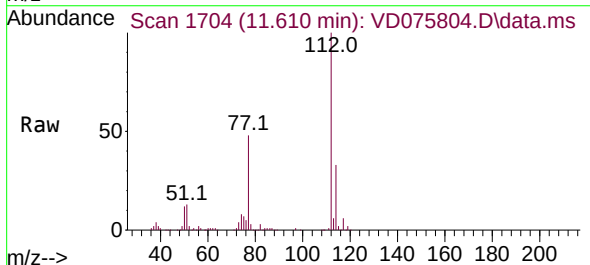
Instrument :
MSVOA_D
ClientSampleId :

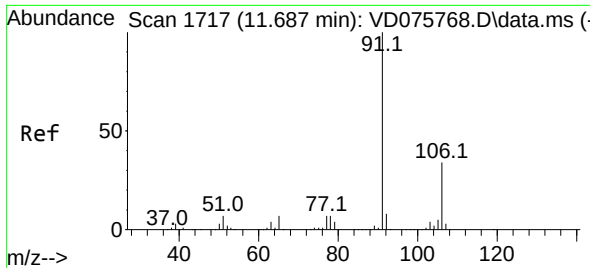
Tgt Ion:107 Resp: 94285
Ion Ratio Lower Upper
107 100
109 92.5 67.6 125.6
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 25.558 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion:112 Resp: 387800
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.8
77 47.8 39.7 59.5

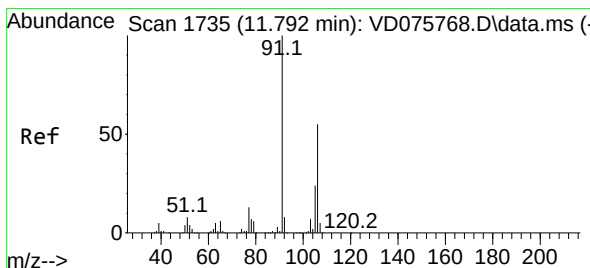
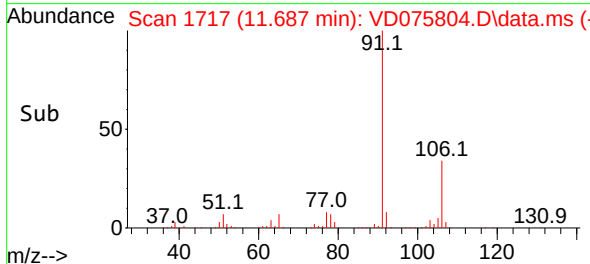
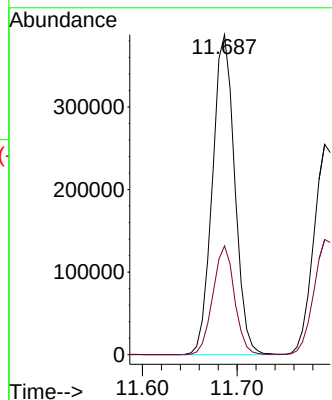
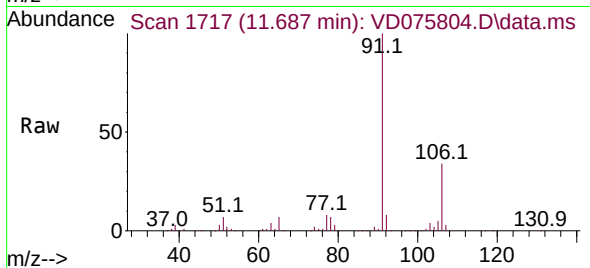




#52
Ethylbenzene
Concen: 26.618 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

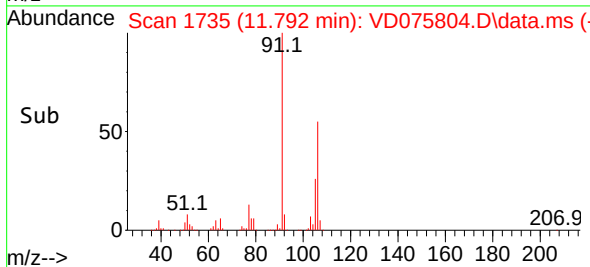
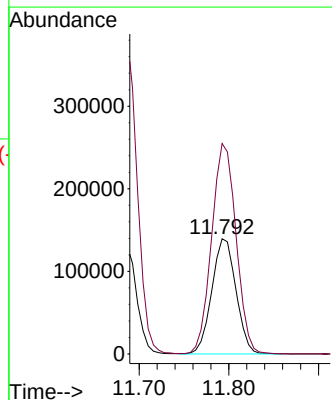
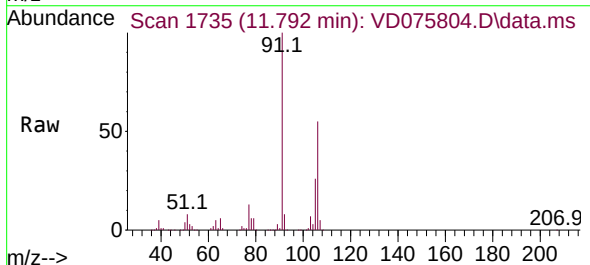
Instrument :
MSVOA_D
ClientSampleId :

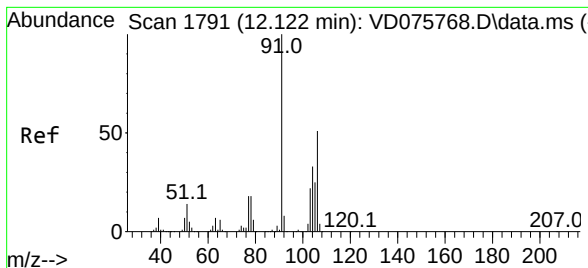
Tgt Ion: 91 Resp: 633089
Ion Ratio Lower Upper
91 100
106 34.0 23.7 43.9



#53
m,p-Xylene
Concen: 27.574 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion: 106 Resp: 261137
Ion Ratio Lower Upper
106 100
91 182.5 130.9 243.1

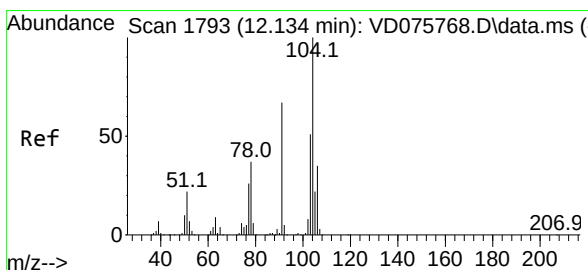
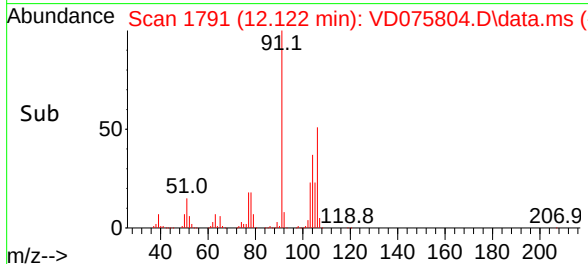
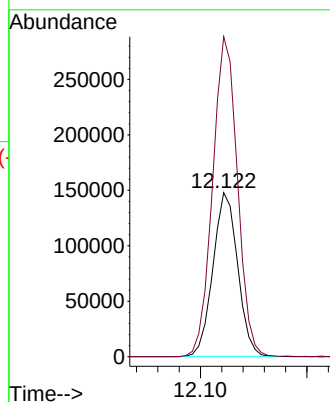
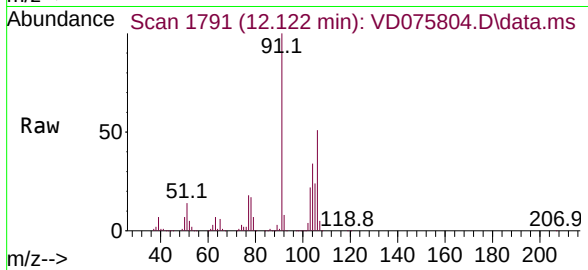




#54
o-Xylene
Concen: 26.495 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

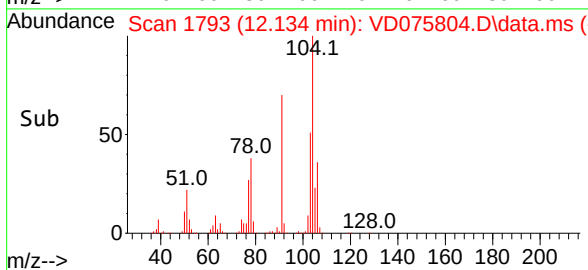
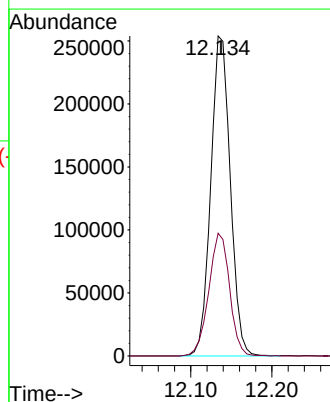
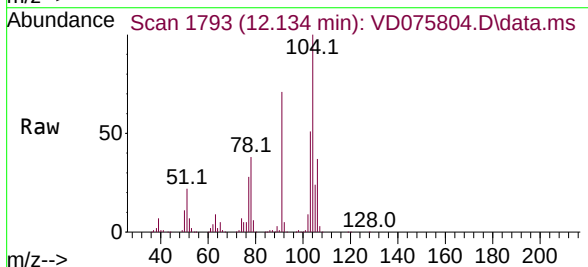
Instrument :
MSVOA_D
ClientSampleId :

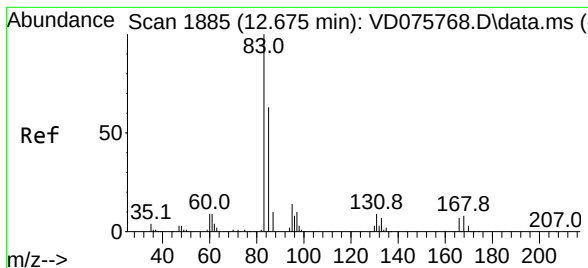
Tgt Ion:106 Resp: 238326
Ion Ratio Lower Upper
106 100
91 195.1 139.8 259.6



#55
Styrene
Concen: 27.115 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion:104 Resp: 424506
Ion Ratio Lower Upper
104 100
78 38.4 26.2 48.6

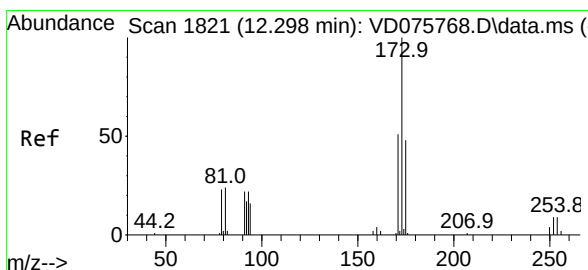
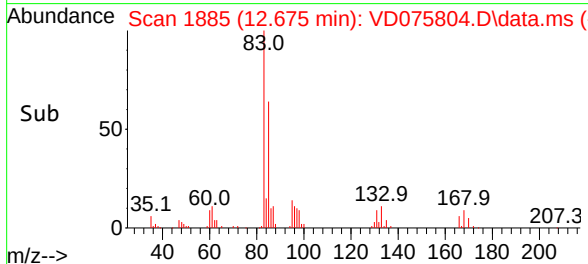
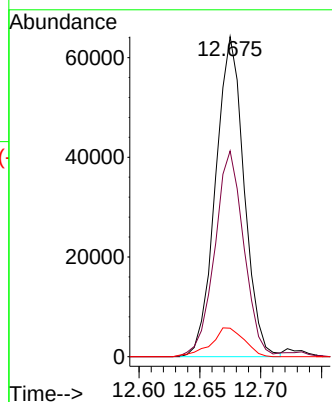
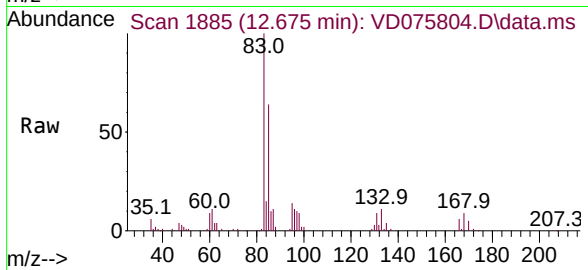




#57
1,1,2,2-Tetrachloroethane
Concen: 24.514 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

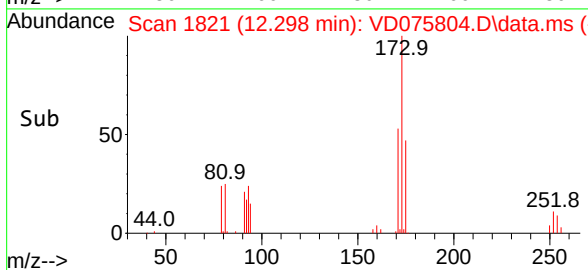
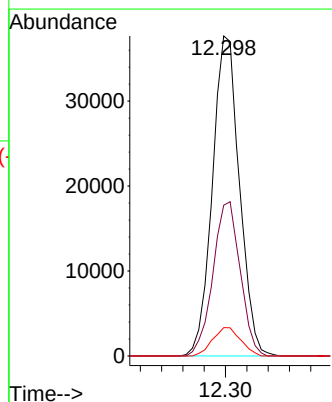
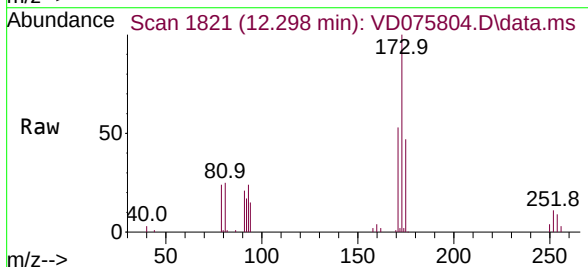
Instrument :
MSVOA_D
ClientSampleId :

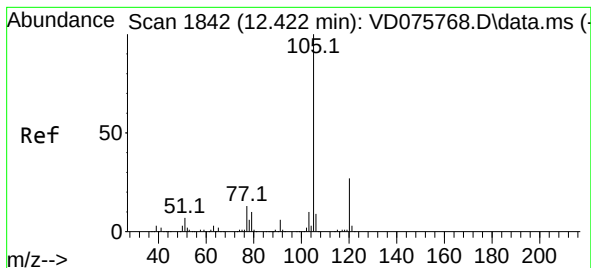
Tgt Ion: 83 Resp: 104471
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7
131 8.9 7.0 10.6



#59
Bromoform
Concen: 25.066 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

Tgt Ion:173 Resp: 66342
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.0
254 9.2 7.4 11.2





#60

Isopropylbenzene

Concen: 26.649 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

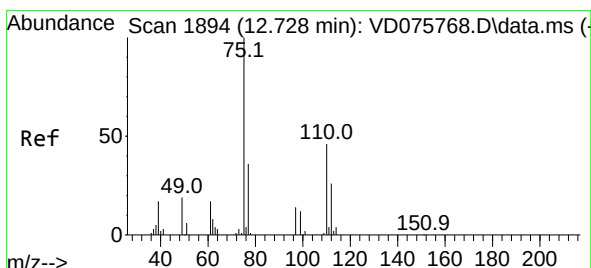
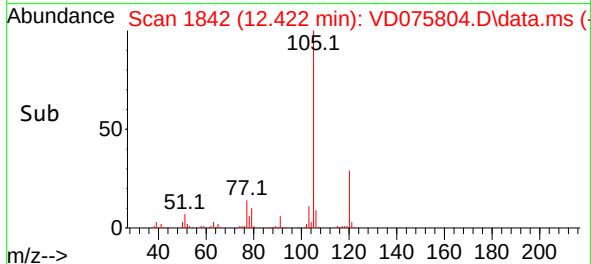
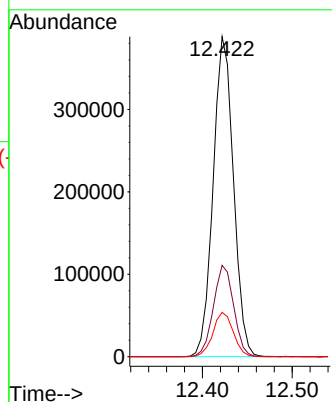
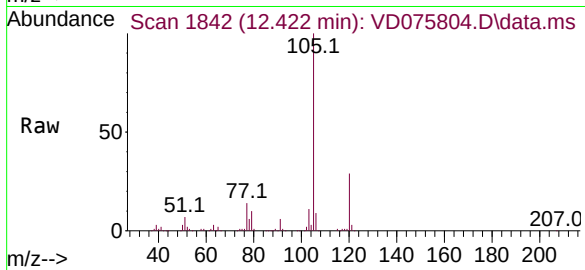
Tgt Ion:105 Resp: 610218

Ion Ratio Lower Upper

105 100

120 28.5 22.7 34.1

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 24.505 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

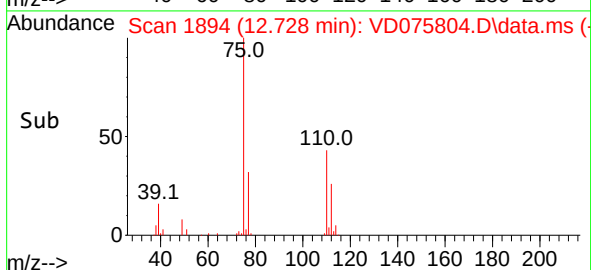
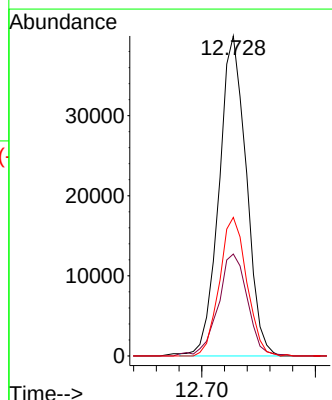
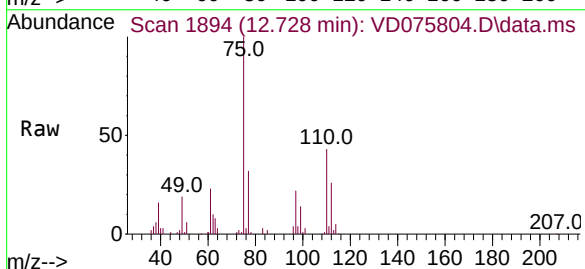
Tgt Ion: 75 Resp: 66476

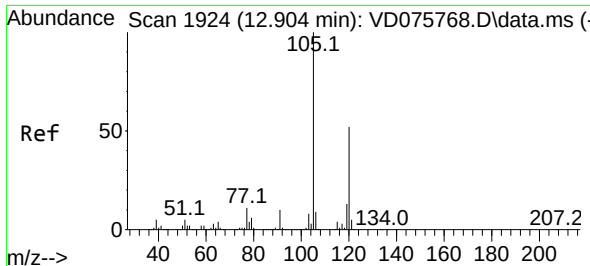
Ion Ratio Lower Upper

75 100

77 33.7 26.6 39.8

110 43.3 33.5 50.3

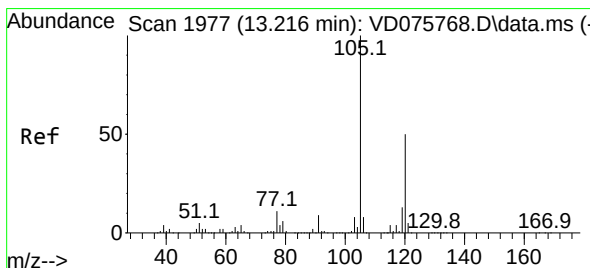
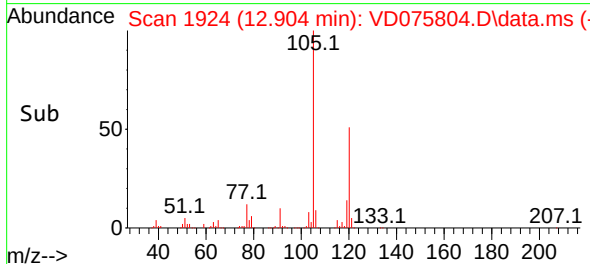
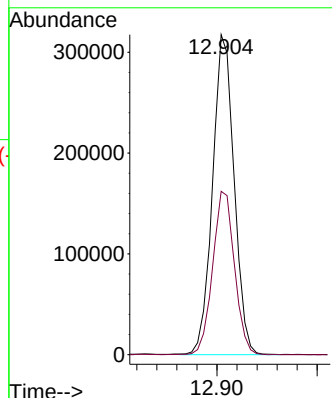
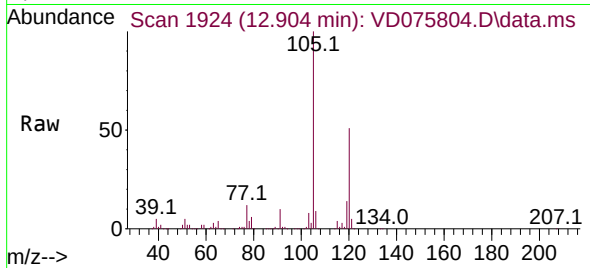




#62
 1,3,5-Trimethylbenzene
 Concen: 27.719 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

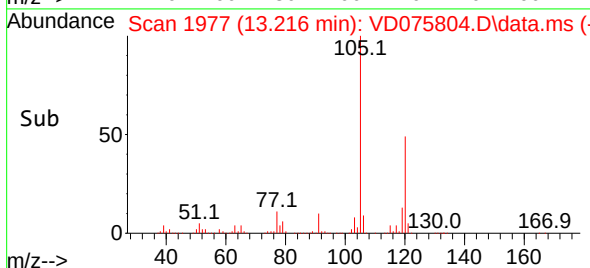
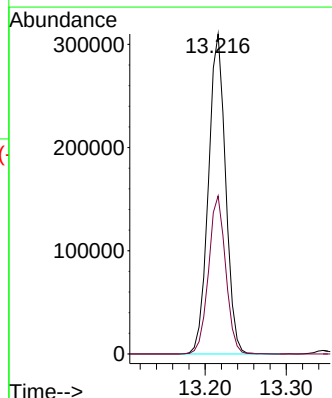
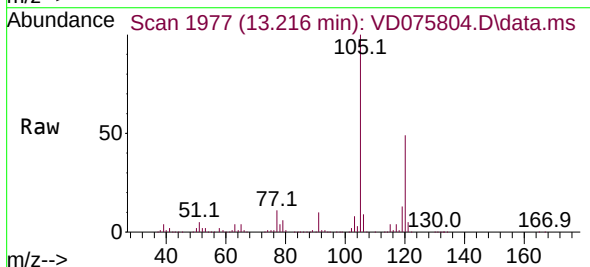
Instrument :
 MSVOA_D
 ClientSampleId :

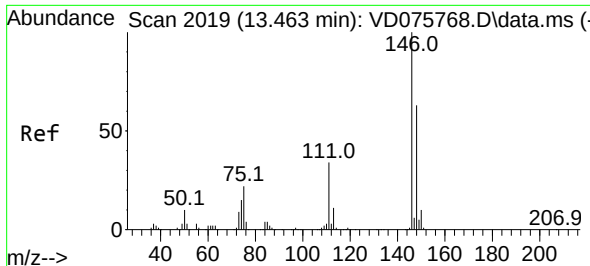
Tgt Ion:105 Resp: 473295
 Ion Ratio Lower Upper
 105 100
 120 51.8 42.0 63.0



#63
 1,2,4-Trimethylbenzene
 Concen: 27.593 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075804.D
 Acq: 25 Apr 2023 10:44

Tgt Ion:105 Resp: 454175
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.0 58.6

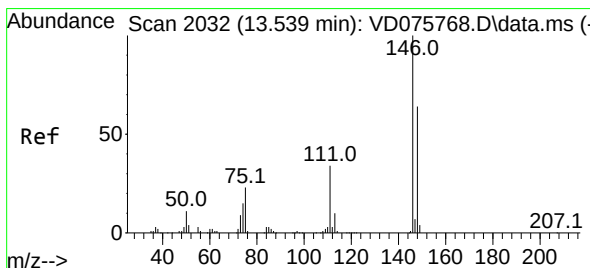
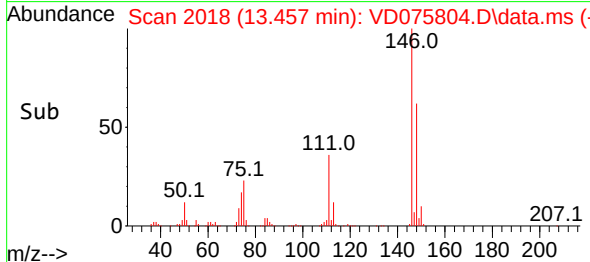
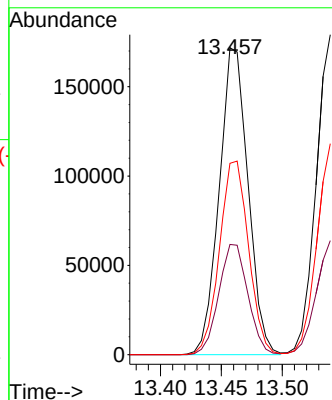
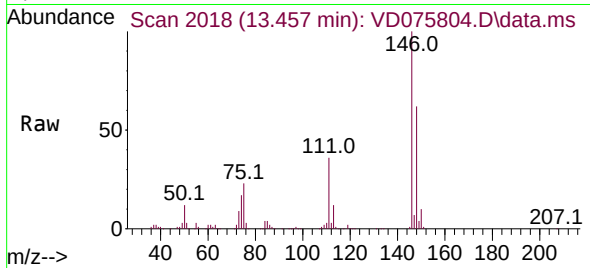




#64
1,3-Dichlorobenzene
Concen: 25.872 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

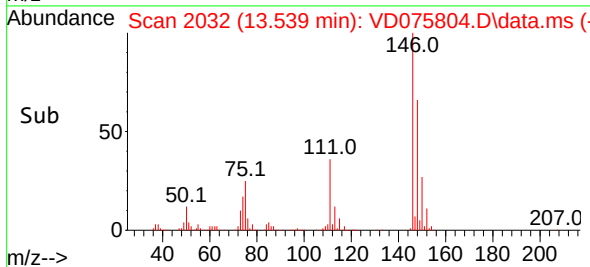
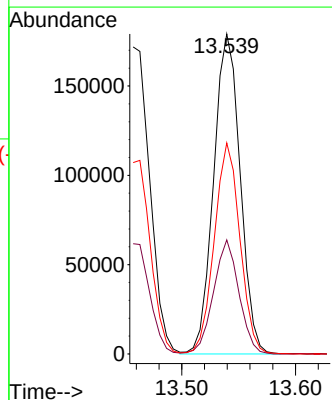
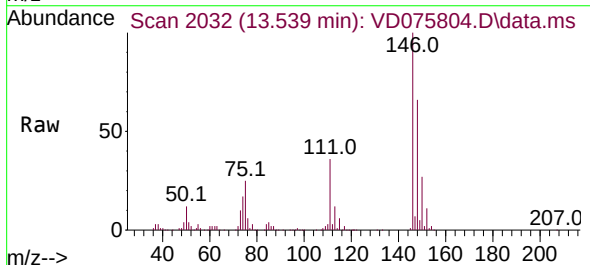
Instrument :
MSVOA_D
ClientSampleId :

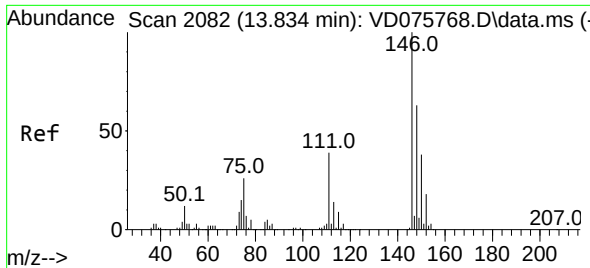
Tgt Ion:146 Resp: 283458
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.1
148 62.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.304 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

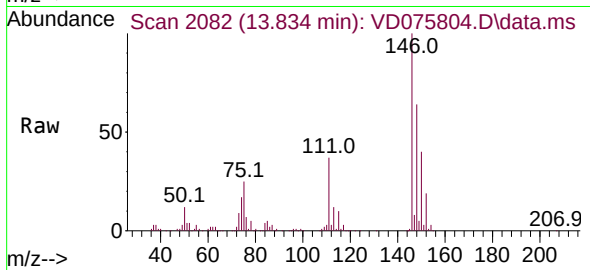
Tgt Ion:146 Resp: 290966
Ion Ratio Lower Upper
146 100
111 35.6 24.6 45.8
148 66.0 44.4 82.4



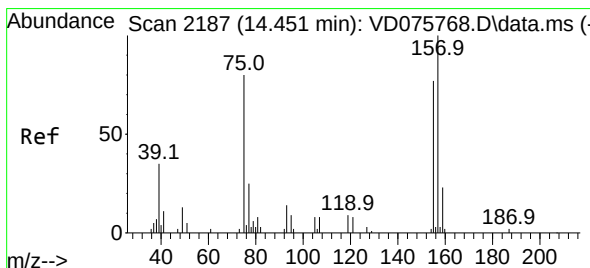
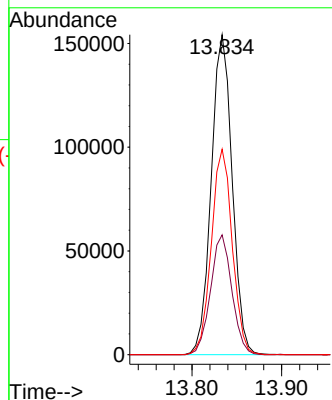
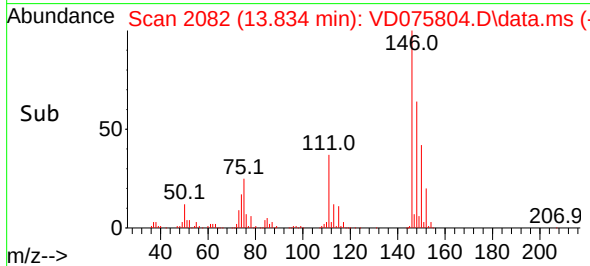


#67
1,2-Dichlorobenzene
Concen: 25.551 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44

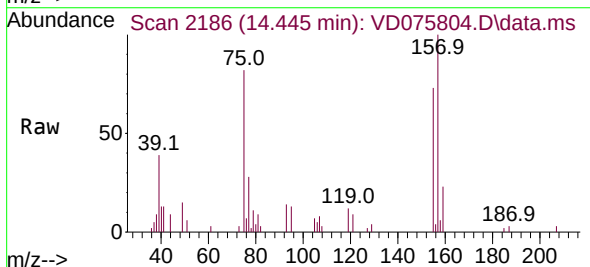
Instrument :
MSVOA_D
ClientSampleId :



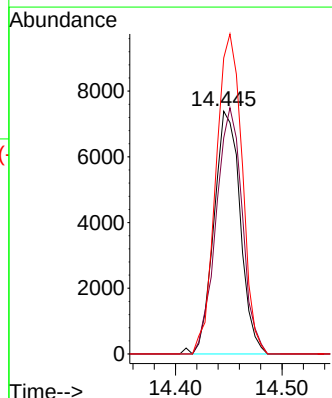
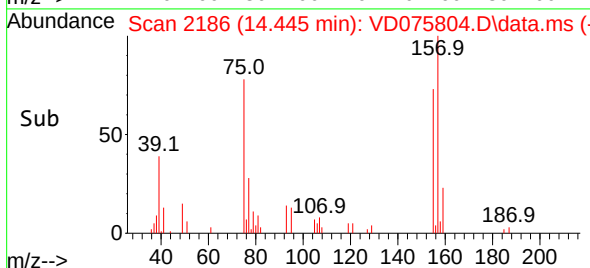
Tgt Ion:146 Resp: 249999
Ion Ratio Lower Upper
146 100
111 37.5 30.6 46.0
148 64.2 51.4 77.0

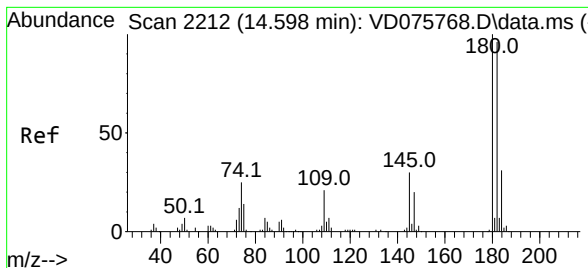


#68
1,2-Dibromo-3-chloropropane
Concen: 23.281 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075804.D
Acq: 25 Apr 2023 10:44



Tgt Ion: 75 Resp: 12626
Ion Ratio Lower Upper
75 100
155 89.0 74.6 111.8
157 121.9 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 22.888 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min MSVOA_D

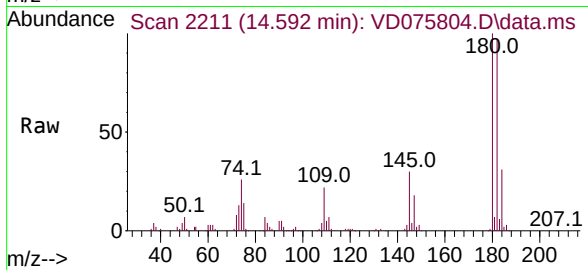
Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 168077

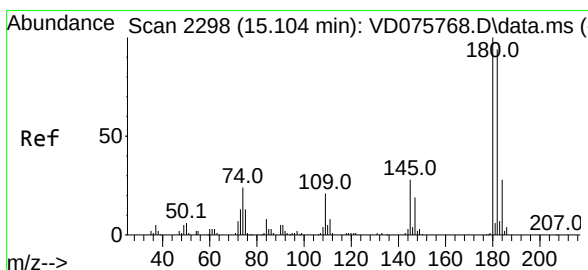
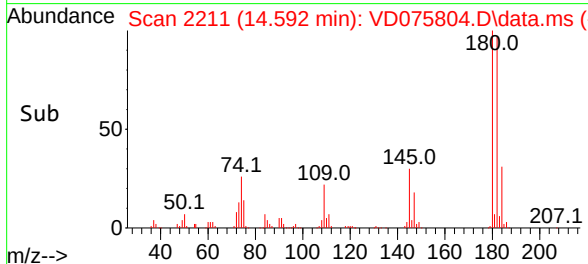
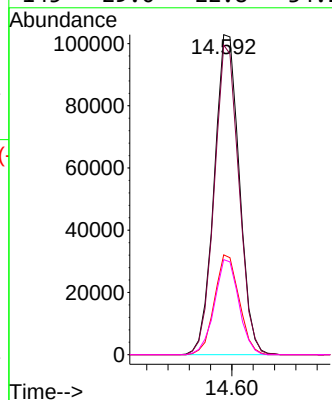
Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

184 30.6 25.0 37.4

145 29.0 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 22.036 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

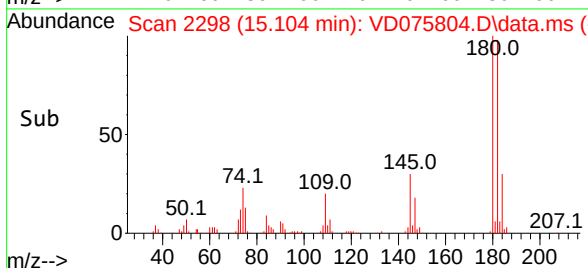
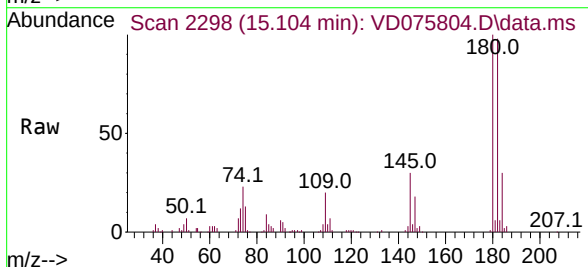
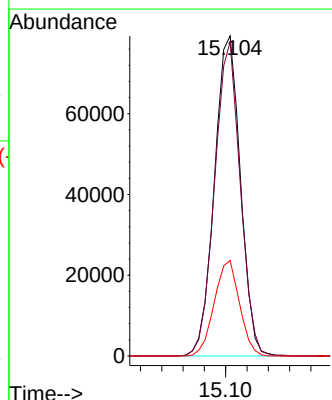
Tgt Ion:180 Resp: 134105

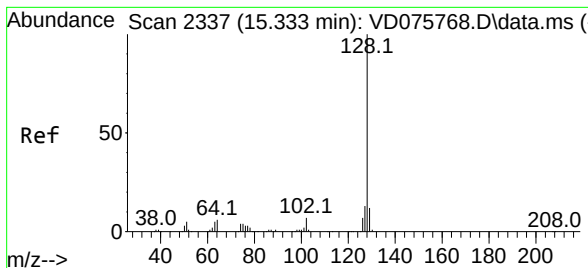
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.2

145 29.0 23.6 35.4





#71

Naphthalene

Concen: 22.541 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Instrument :

MSVOA_D

ClientSampleId :

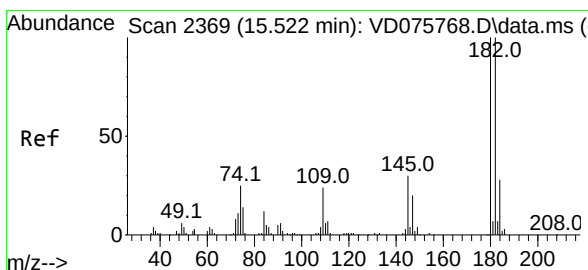
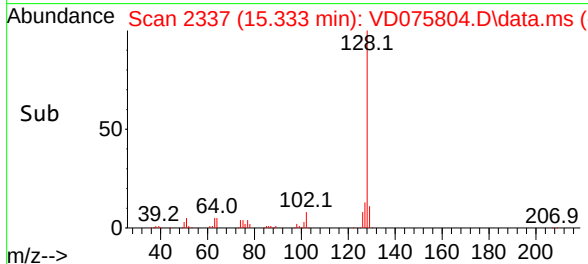
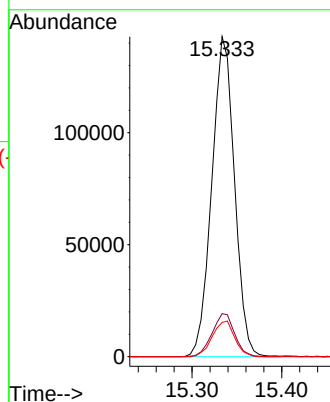
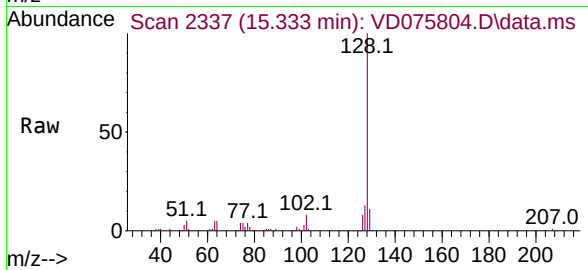
Tgt Ion:128 Resp: 251036

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.0 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 22.677 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075804.D

Acq: 25 Apr 2023 10:44

Tgt Ion:180 Resp: 123188

Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 31.5 25.0 37.6

