

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075421.D
 Acq On : 23 Feb 2023 19:08
 Operator : KP/SY
 Sample : MDL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Quant Time: Feb 24 00:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:55:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	82137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	73671	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	37086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	35293	21.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.760%
7) Chloroethane-d5	2.805	69	29978	21.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
11) 1,1-Dichloroethene-d2	3.917	63	45312	18.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	6.987	46	10289	42.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.800%
24) Chloroform-d	7.569	84	53761	22.706	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	8.234	65	27412	23.405	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	8.205	84	107473	23.368	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.480%
36) 1,2-Dichloropropane-d6	9.210	67	31454	23.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.269	98	98079	23.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.360%
43) trans-1,3-Dichloroprop...	10.528	79	12507	22.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.880%
47) 2-Hexanone-d5	10.881	63	7194	39.979	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	22056	22.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	29773	22.742	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14434	9.162	ug/L	97
3) Chloromethane	2.146	50	18466	9.808	ug/L	98
5) Vinyl chloride	2.287	62	19031	9.093	ug/L	96
6) Bromomethane	2.699	94	10121	9.715	ug/L	89
8) Chloroethane	2.840	64	12811	10.048	ug/L	94
9) Trichlorofluoromethane	3.175	101	22112	9.341	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	14061	9.893	ug/L	99
12) 1,1-Dichloroethene	3.952	96	11621	9.498	ug/L	98
13) Acetone	4.022	43	5306	16.131	ug/L	96
14) Carbon disulfide	4.269	76	36576	9.273	ug/L	96
15) Methyl Acetate	4.575	43	5253	10.397	ug/L #	89
16) Methylene chloride	4.811	84	16293	9.920	ug/L	88
17) trans-1,2-Dichloroethene	5.316	96	12668	10.045	ug/L	93
18) Methyl tert-butyl Ether	5.328	73	25173	9.784	ug/L #	90
19) 1,1-Dichloroethane	6.116	63	24301	10.006	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	13962	10.372	ug/L	91
22) 2-Butanone	7.081	43	6387	16.686	ug/L #	75
23) Bromochloromethane	7.422	128	6226	10.450	ug/L	98
25) Chloroform	7.599	83	26608	10.676	ug/L	96

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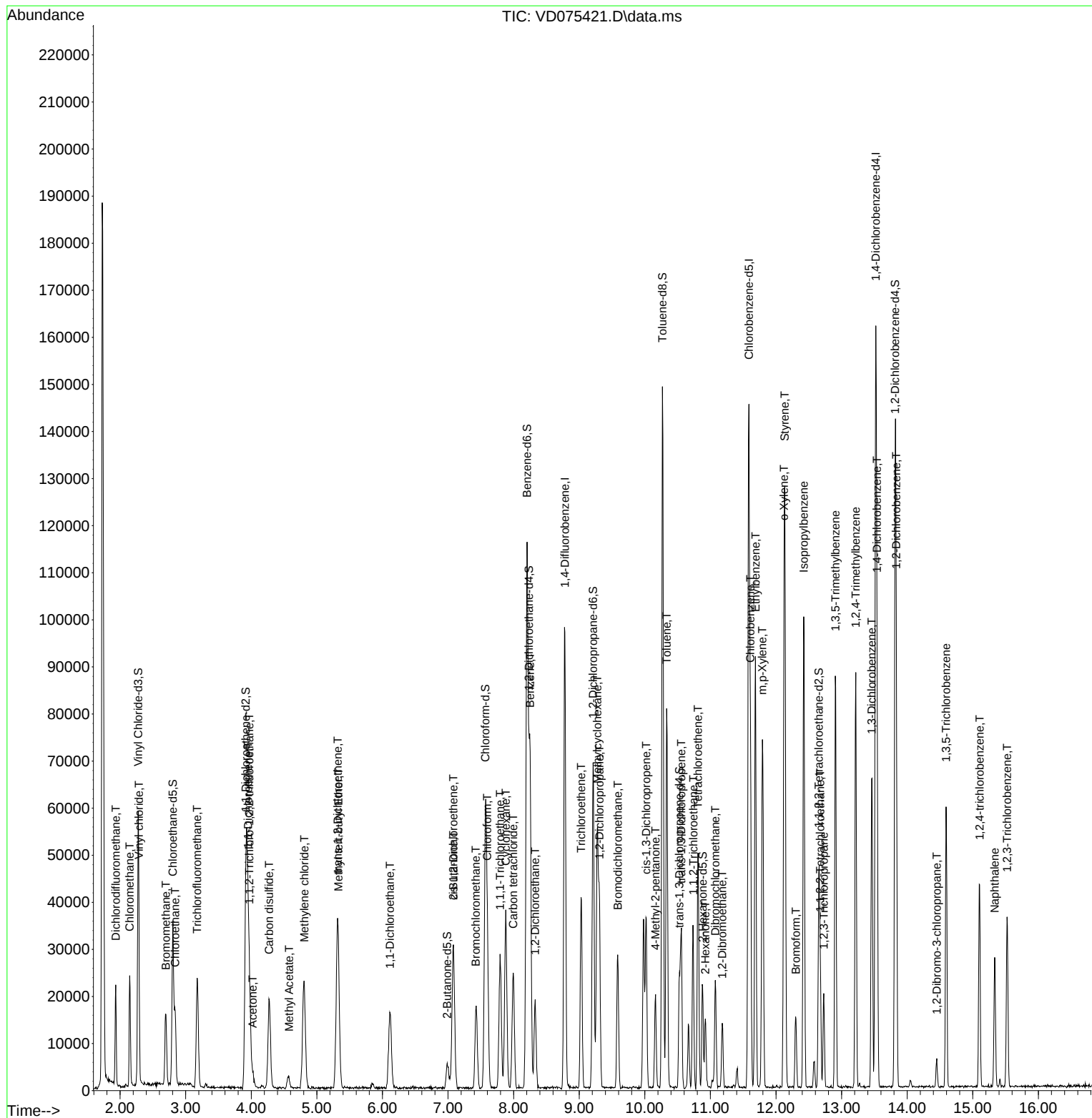
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	15849	10.117	ug/L #	94
29) Cyclohexane	7.881	56	17355	8.603	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	21659	9.666	ug/L	98
31) Carbon tetrachloride	7.993	117	17696	9.198	ug/L	95
33) Benzene	8.252	78	54748	10.369	ug/L	100
34) Trichloroethene	9.028	95	13783	9.818	ug/L	90
35) Methylcyclohexane	9.275	83	20398	9.070	ug/L	98
37) 1,2-Dichloropropane	9.310	63	14152m	10.283	ug/L	
38) Bromodichloromethane	9.587	83	18183	10.213	ug/L	89
39) cis-1,3-Dichloropropene	10.022	75	20305	10.166	ug/L	92
40) 4-Methyl-2-pentanone	10.163	43	13249	17.916	ug/L	97
42) Toluene	10.334	91	58846	10.520	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	17175	10.337	ug/L	98
45) 1,1,2-Trichloroethane	10.740	97	10151	10.556	ug/L	92
46) Tetrachloroethene	10.810	164	10591	9.562	ug/L	85
48) 2-Hexanone	10.922	43	10126m	18.507	ug/L	
49) Dibromochloromethane	11.075	129	11525	10.195	ug/L	90
50) 1,2-Dibromoethane	11.181	107	9093	10.233	ug/L #	90
51) Chlorobenzene	11.610	112	36802	10.374	ug/L	98
52) Ethylbenzene	11.687	91	62135	10.055	ug/L	99
53) m,p-Xylene	11.793	106	23440	10.060	ug/L	79
54) o-Xylene	12.122	106	22007	9.991	ug/L	94
55) Styrene	12.134	104	38644	10.097	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	10472	9.802	ug/L	97
59) Bromoform	12.304	173	6519	9.500	ug/L	99
60) Isopropylbenzene	12.422	105	61497	9.875	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	7453	10.187	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	45657	9.356	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	46843	9.958	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	27069	9.987	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	28750	10.392	ug/L	94
67) 1,2-Dichlorobenzene	13.834	146	25221	10.614	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.451	75	1517	9.203	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	17119	9.581	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	13158	9.154	ug/L	98
71) Naphthalene	15.334	128	22671	8.724	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	11767	9.492	ug/L	97

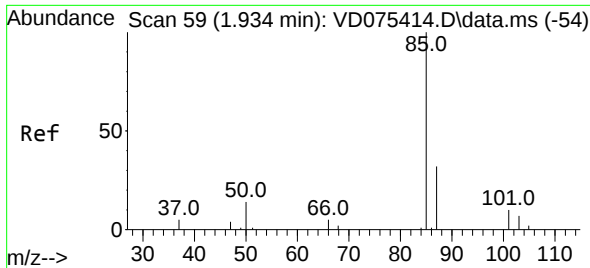
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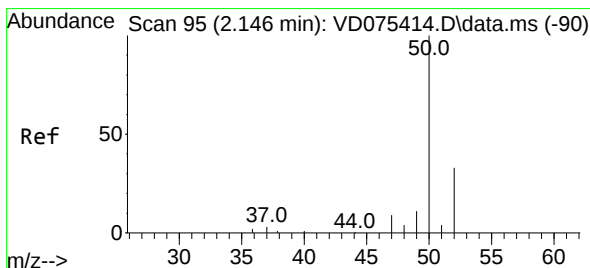
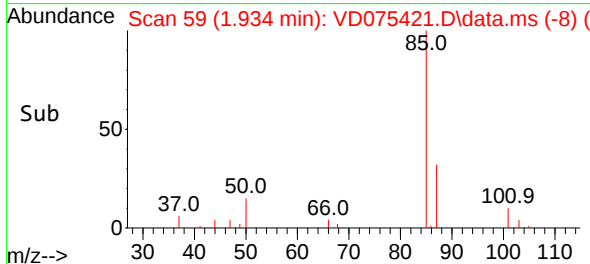
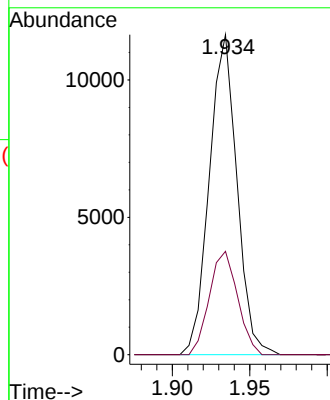
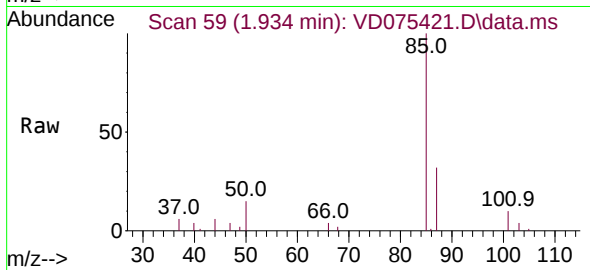




#2
Dichlorodifluoromethane
Concen: 9.162 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

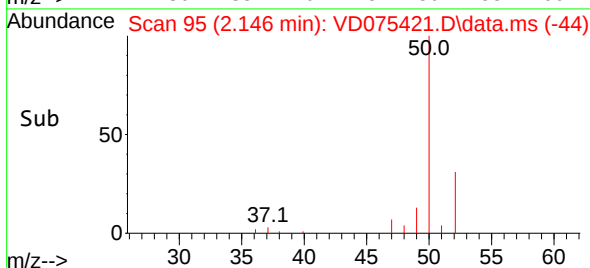
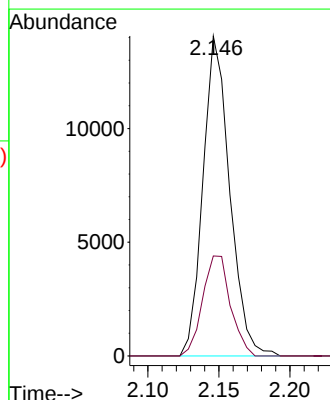
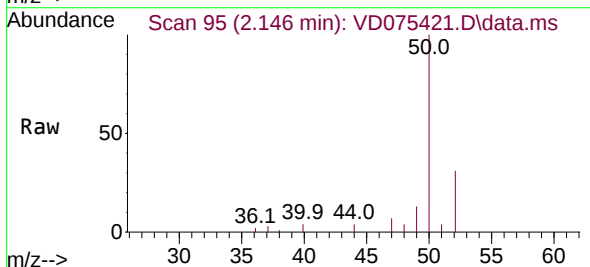
Instrument :
MSVOA_D
ClientSampleId :
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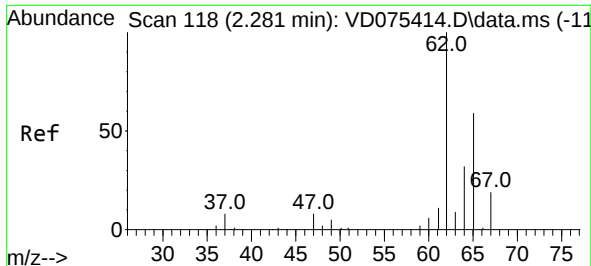
Tgt Ion: 85 Resp: 14434
Ion Ratio Lower Upper
85 100
87 32.9 25.1 37.7



#3
Chloromethane
Concen: 9.808 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion: 50 Resp: 18466
Ion Ratio Lower Upper
50 100
52 31.3 22.8 42.4

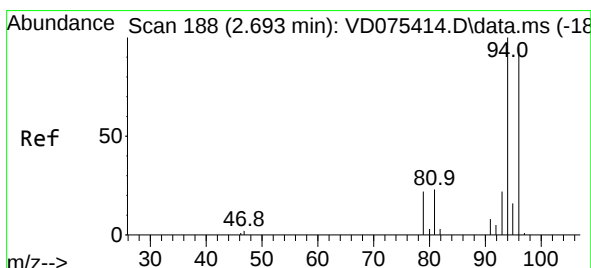
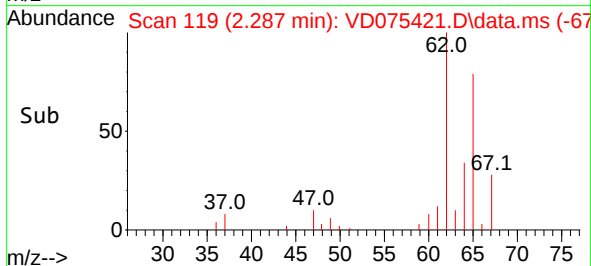
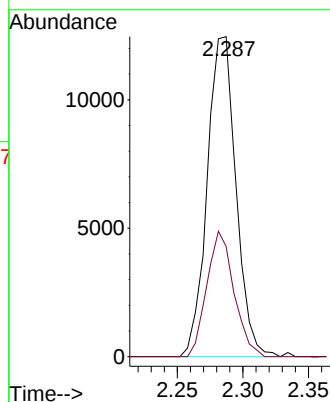
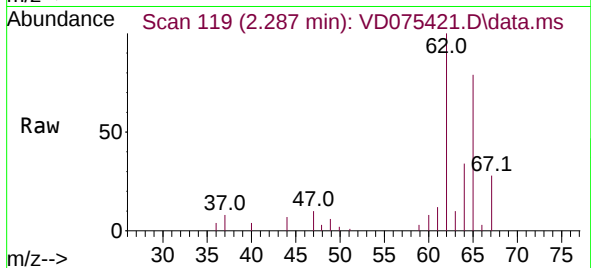




#5
 Vinyl chloride
 Concen: 9.093 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD075421.D
 Acq: 23 Feb 2023 19:08

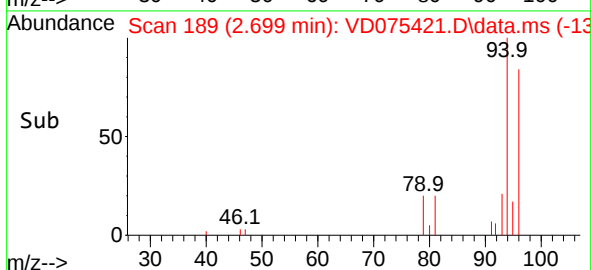
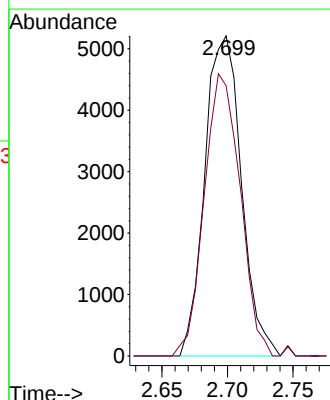
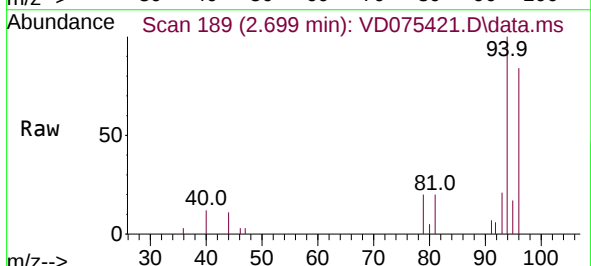
Instrument :
 MSVOA_D
 ClientSampleId :
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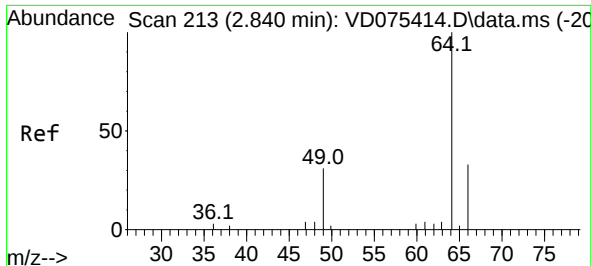
Tgt Ion: 62 Resp: 19031
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.4 41.6



#6
 Bromomethane
 Concen: 9.715 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD075421.D
 Acq: 23 Feb 2023 19:08

Tgt Ion: 94 Resp: 10121
 Ion Ratio Lower Upper
 94 100
 96 84.4 66.4 123.4

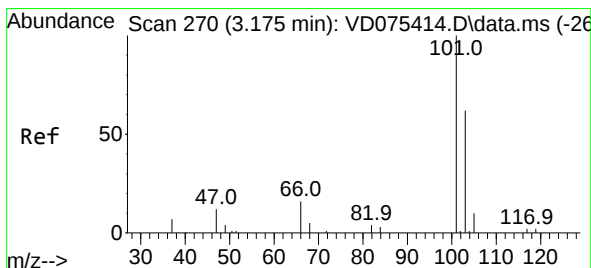
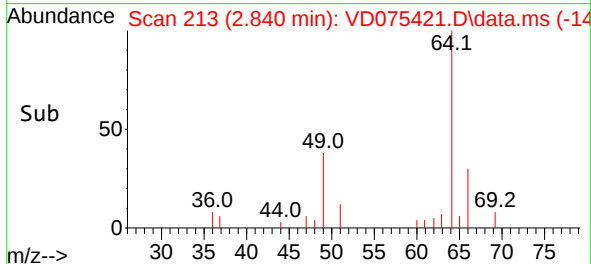
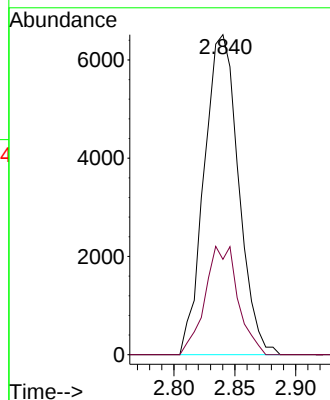
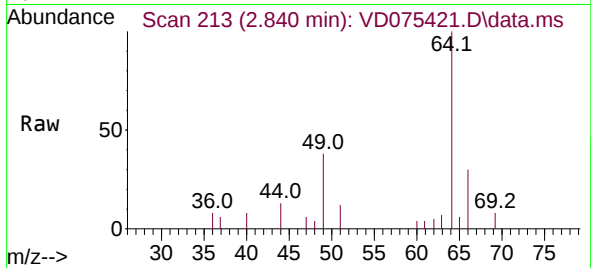




#8
Chloroethane
Concen: 10.048 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

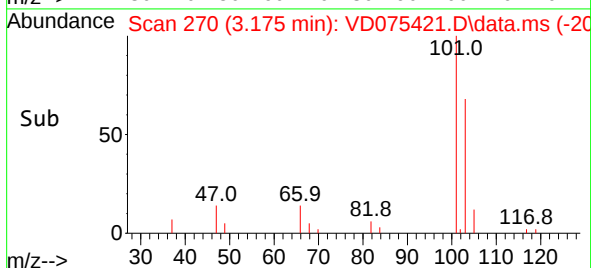
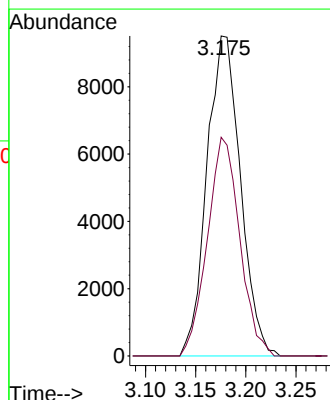
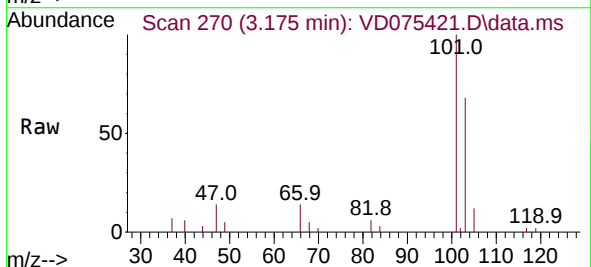
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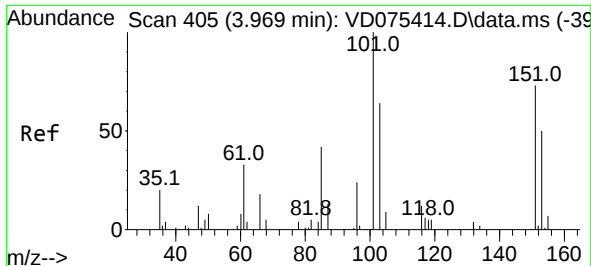
Tgt Ion: 64 Resp: 12811
Ion Ratio Lower Upper
64 100
66 29.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 9.341 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion:101 Resp: 22112
Ion Ratio Lower Upper
101 100
103 65.9 50.2 75.2

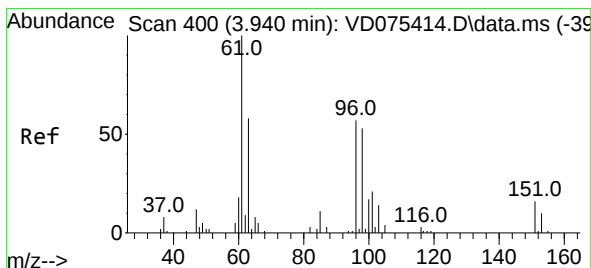
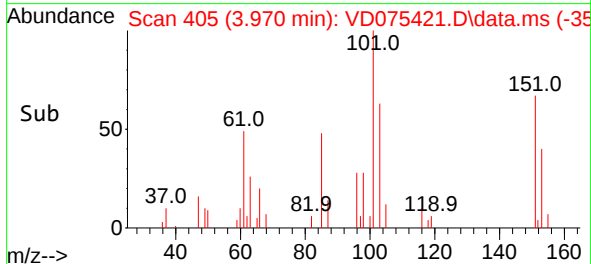
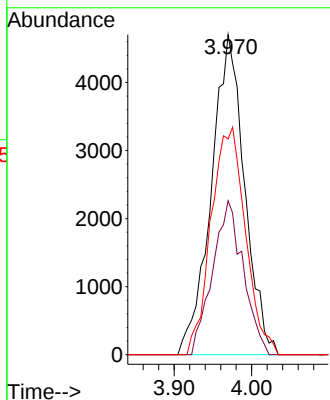
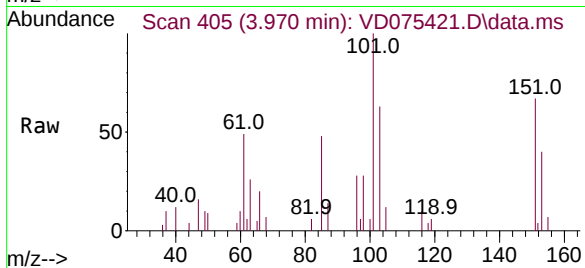




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.893 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075421.D
 Acq: 23 Feb 2023 19:08

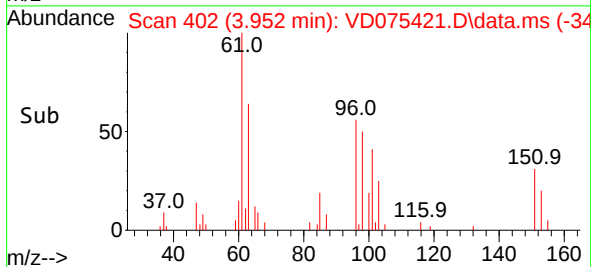
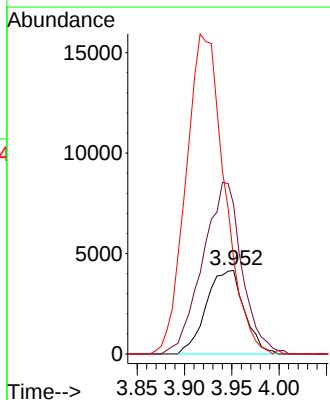
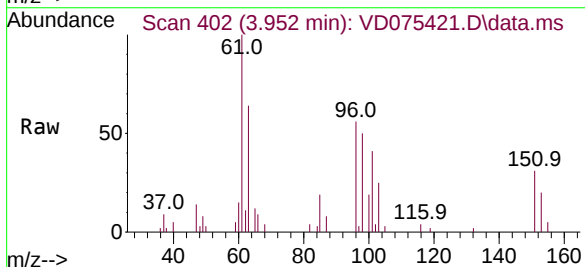
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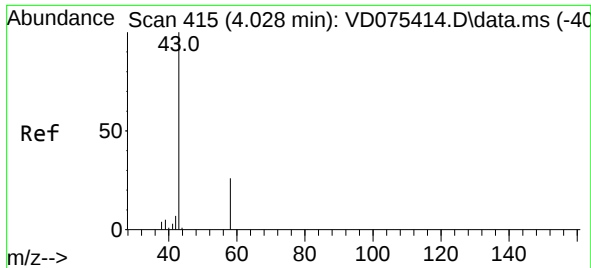
Tgt Ion:101 Resp: 14061
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.7 55.1
 151 73.3 58.2 87.2



#12
 1,1-Dichloroethene
 Concen: 9.498 ug/L
 RT: 3.952 min Scan# 402
 Delta R.T. 0.012 min
 Lab File: VD075421.D
 Acq: 23 Feb 2023 19:08

Tgt Ion: 96 Resp: 11621
 Ion Ratio Lower Upper
 96 100
 61 179.1 123.8 229.8
 63 114.5 81.3 150.9





#13

Acetone

Concen: 16.131 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

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ClientSampleId :

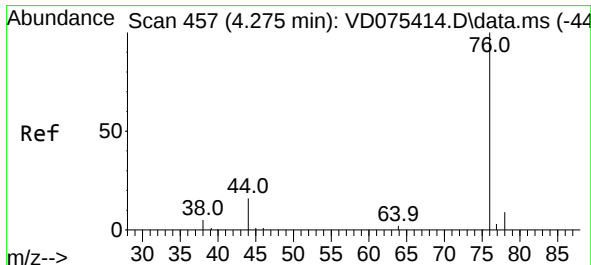
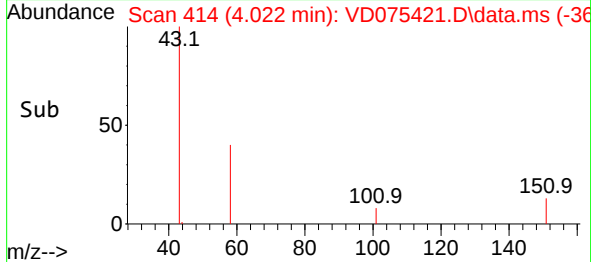
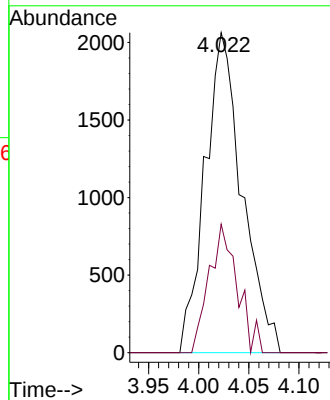
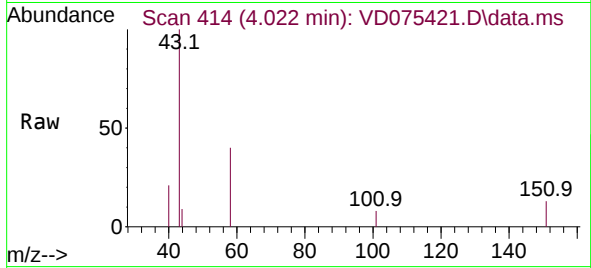
MDL01

Tgt Ion: 43 Resp: 5306

Ion Ratio Lower Upper

43 100

58 29.2 0.0 53.8



#14

Carbon disulfide

Concen: 9.273 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

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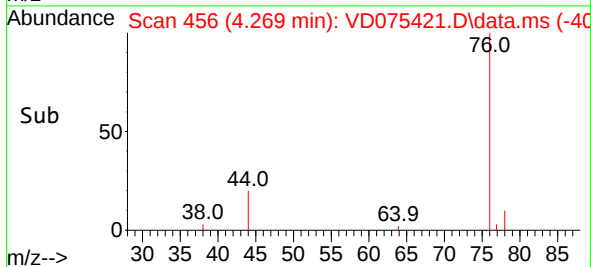
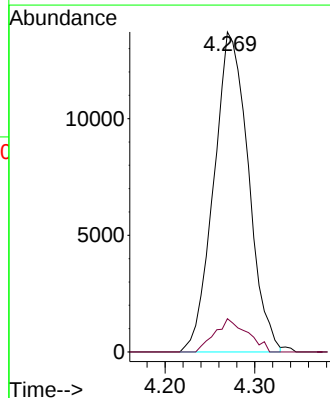
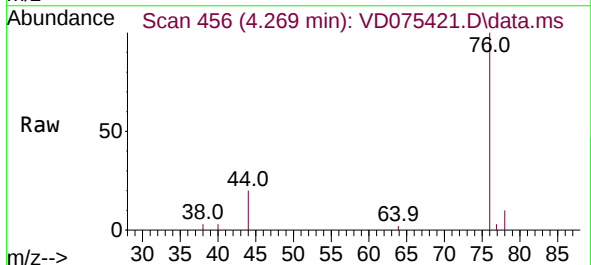
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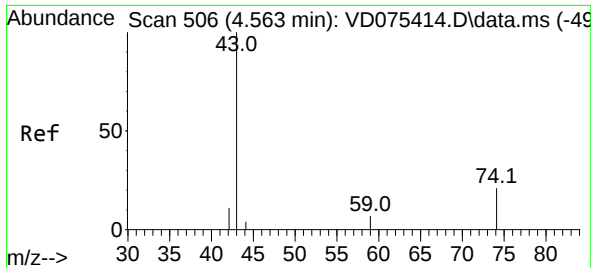
Tgt Ion: 76 Resp: 36576

Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.6

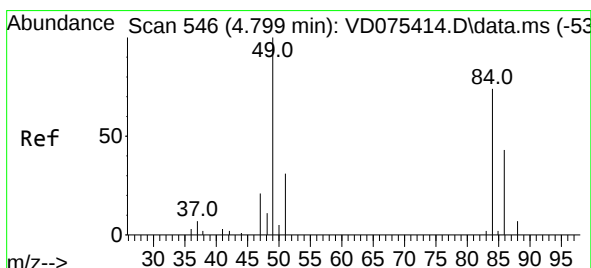
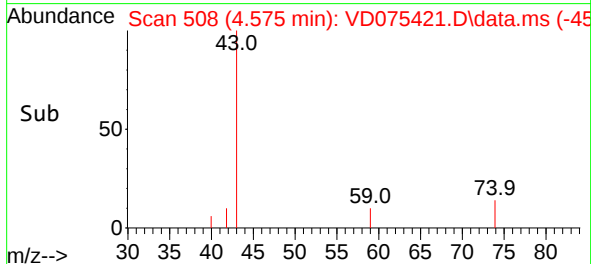
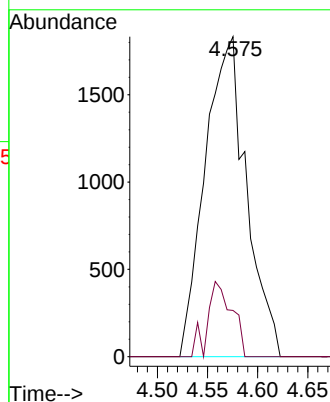
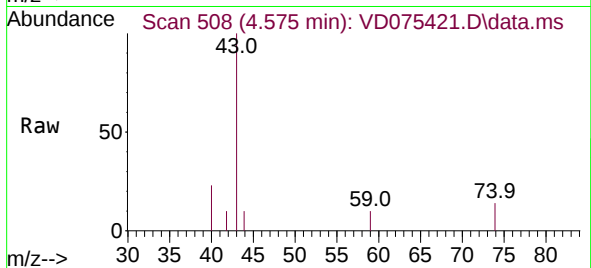




#15
Methyl Acetate
Concen: 10.397 ug/L
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

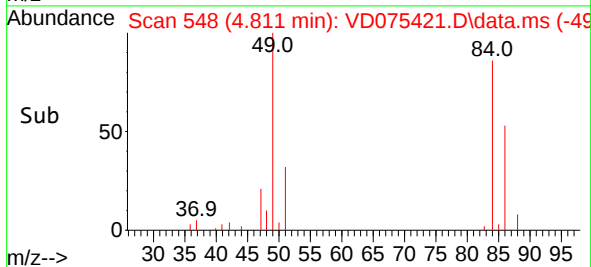
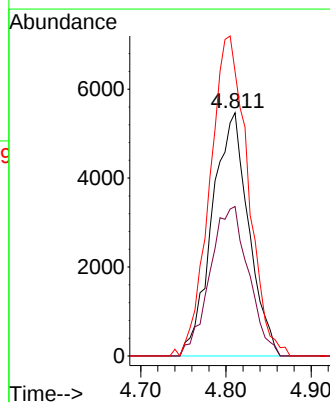
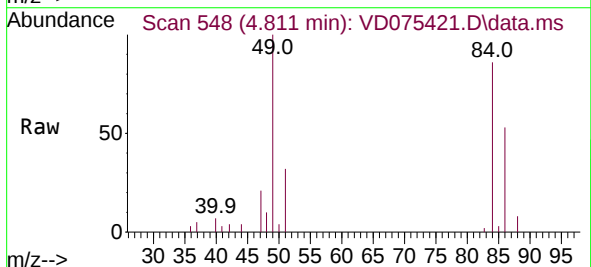
Instrument :
MSVOA_D
ClientSampleId :
MDL01

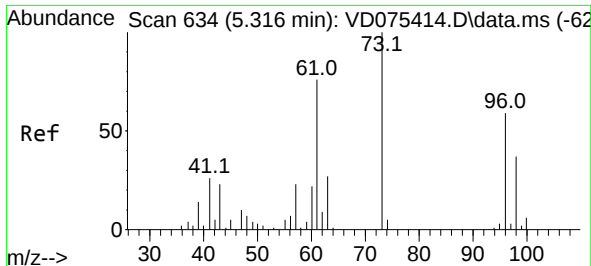
Tgt Ion: 43 Resp: 5253
Ion Ratio Lower Upper
43 100
74 11.0 12.4 18.6#



#16
Methylene chloride
Concen: 9.920 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion: 84 Resp: 16293
Ion Ratio Lower Upper
84 100
86 61.4 41.0 76.2
49 116.9 95.2 176.8





#17

trans-1,2-Dichloroethene

Concen: 10.045 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

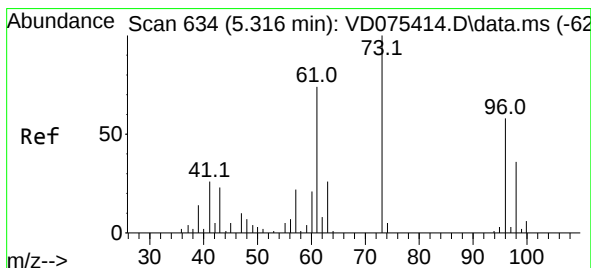
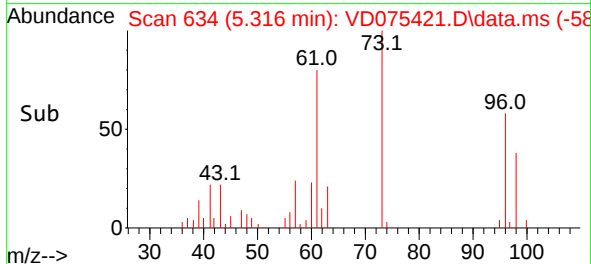
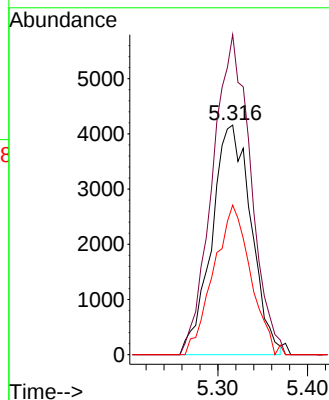
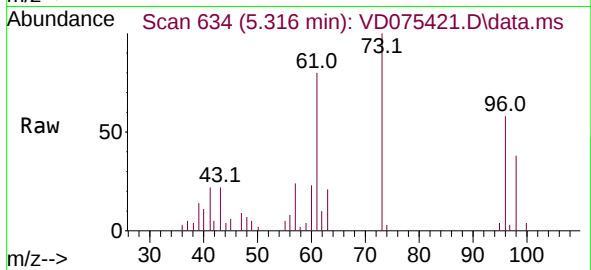
Tgt Ion: 96 Resp: 12668

Ion Ratio Lower Upper

96 100

61 139.4 90.2 167.4

98 65.2 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 9.784 ug/L

RT: 5.328 min Scan# 636

Delta R.T. 0.012 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

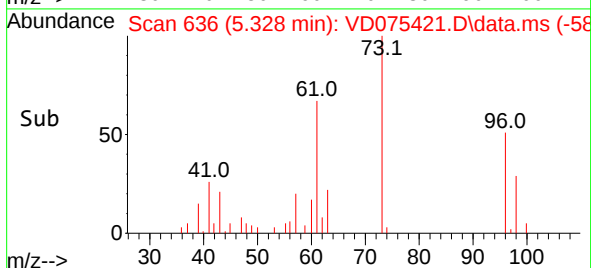
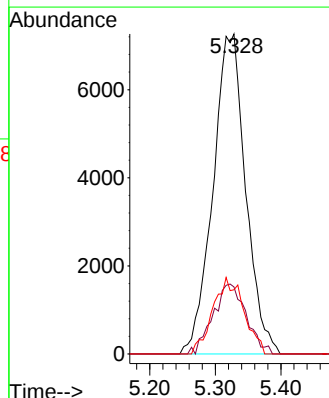
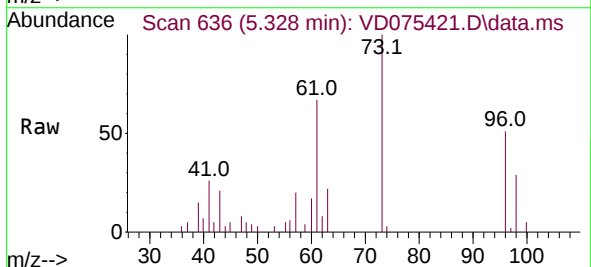
Tgt Ion: 73 Resp: 25173

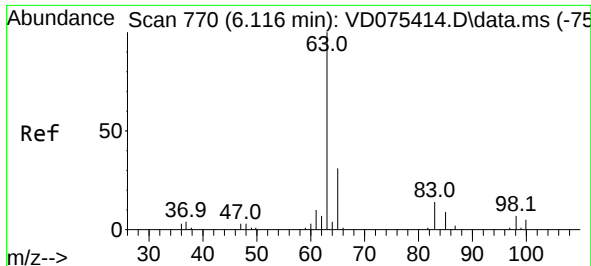
Ion Ratio Lower Upper

73 100

43 21.8 17.8 26.6

57 13.1 18.0 27.0#





#19

1,1-Dichloroethane

Concen: 10.006 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

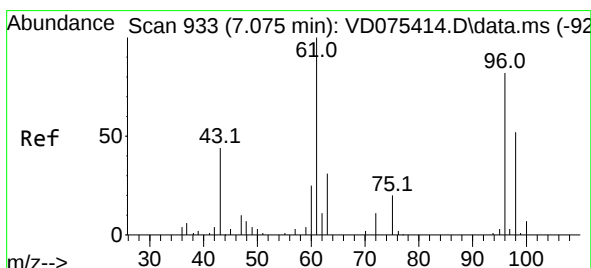
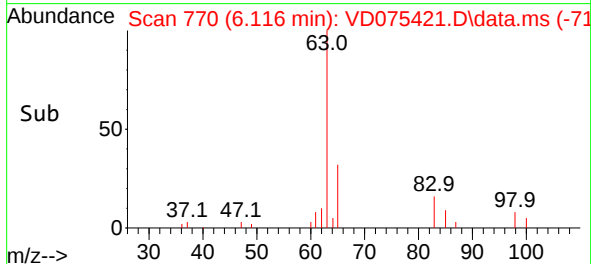
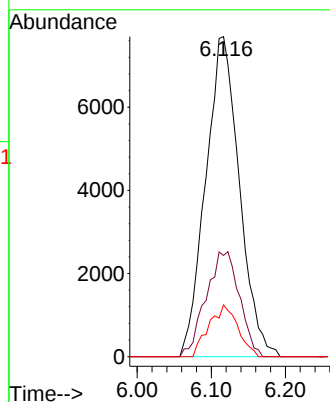
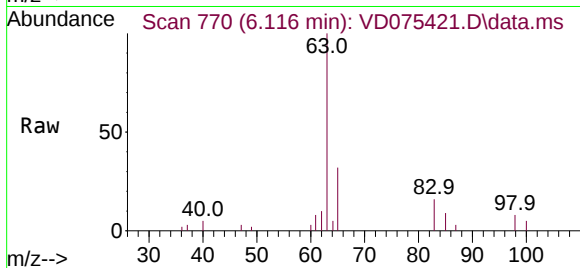
Tgt Ion: 63 Resp: 24301

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.4

83 16.2 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 10.372 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

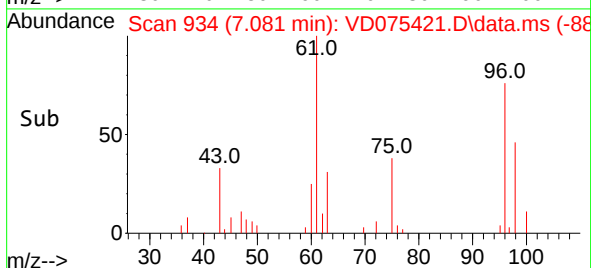
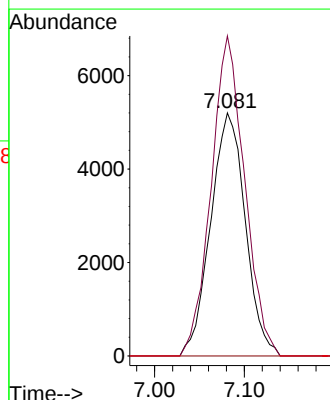
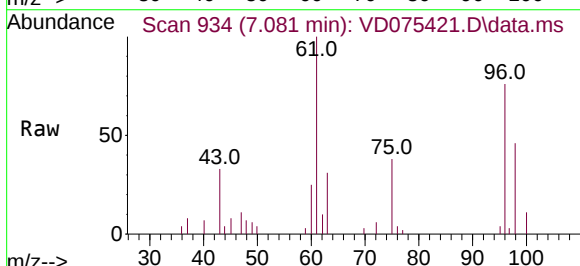
Tgt Ion: 96 Resp: 13962

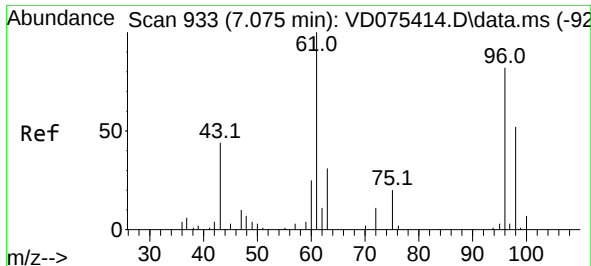
Ion Ratio Lower Upper

96 100

61 131.7 85.3 158.5

68 0.0 0.0 0.0

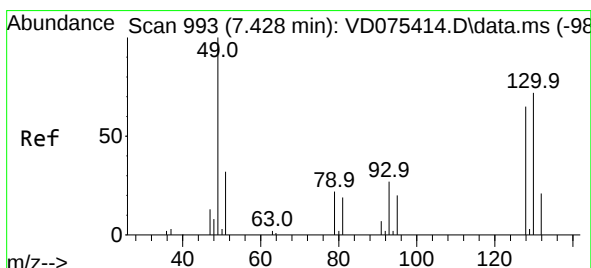
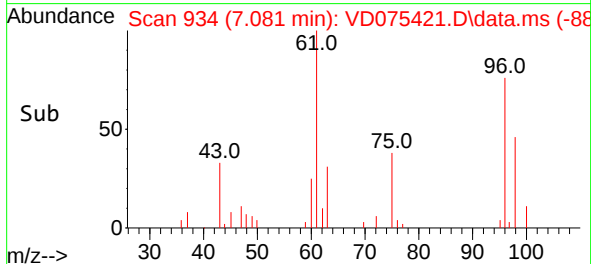
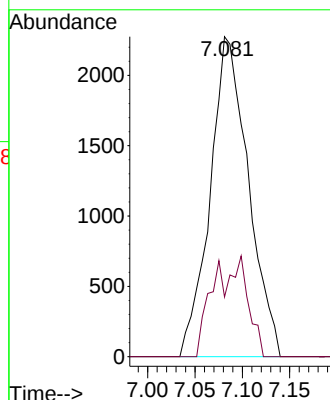
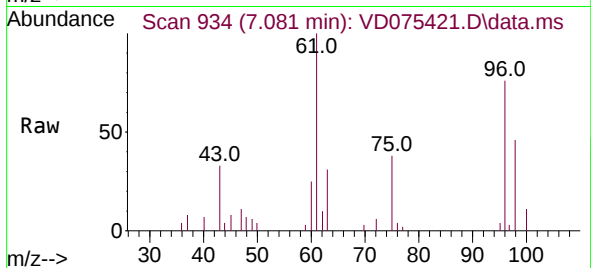




#22
2-Butanone
Concen: 16.686 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

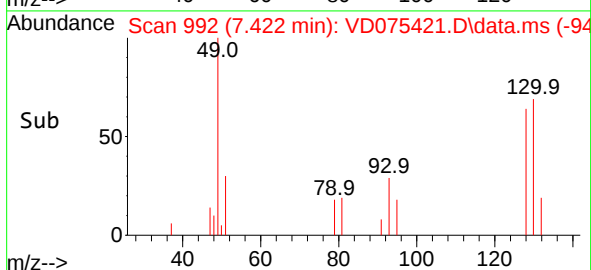
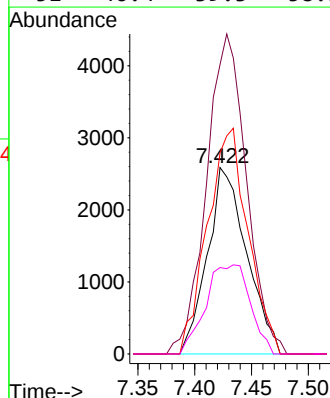
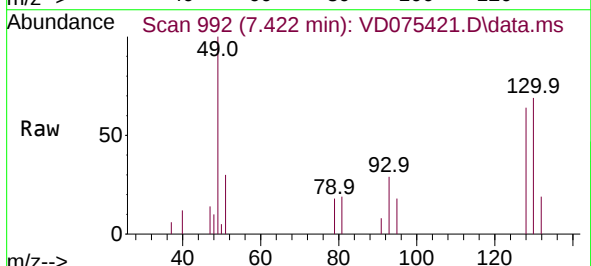
Instrument :
MSVOA_D
ClientSampleId :
MDL01

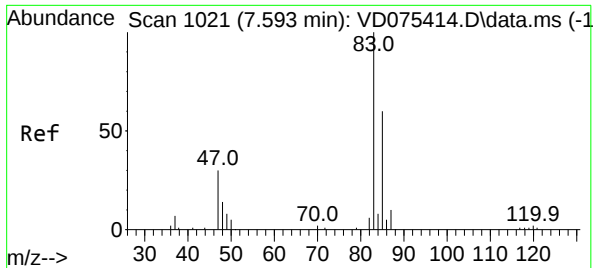
Tgt Ion: 43 Resp: 6387
Ion Ratio Lower Upper
43 100
72 12.7 12.8 38.3#



#23
Bromochloromethane
Concen: 10.450 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion:128 Resp: 6226
Ion Ratio Lower Upper
128 100
49 155.3 108.4 201.2
130 107.9 77.9 144.7
51 46.4 39.3 58.9





#25

Chloroform

Concen: 10.676 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

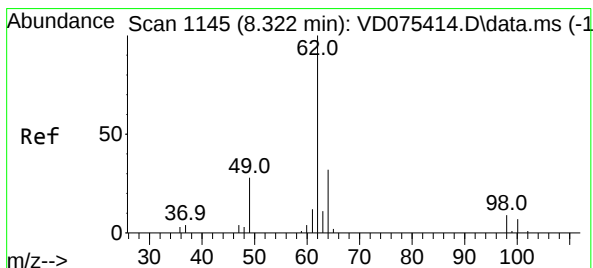
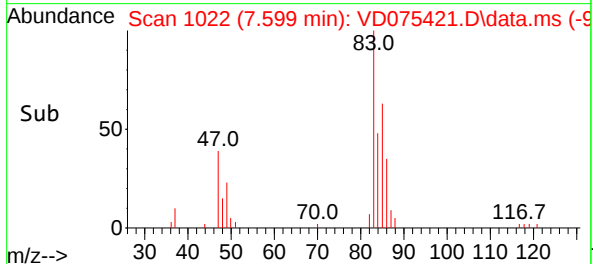
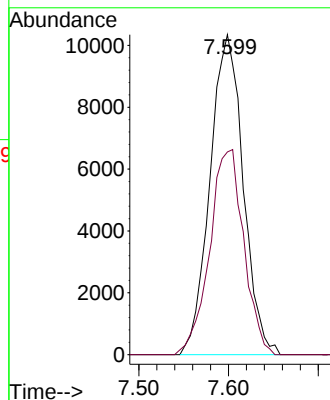
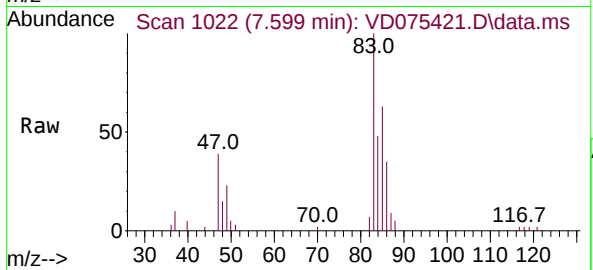
MDL01

Tgt Ion: 83 Resp: 26608

Ion Ratio Lower Upper

83 100

85 63.3 42.1 78.3



#27

1,2-Dichloroethane

Concen: 10.117 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075421.D

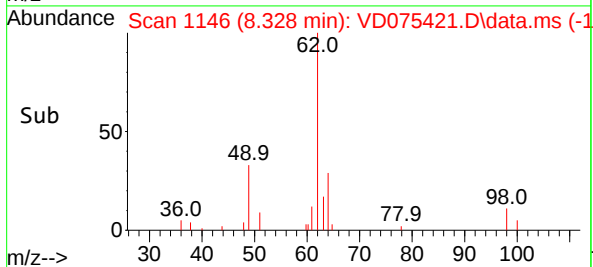
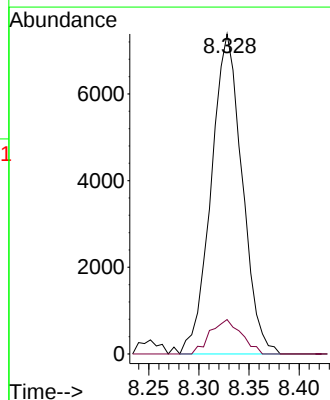
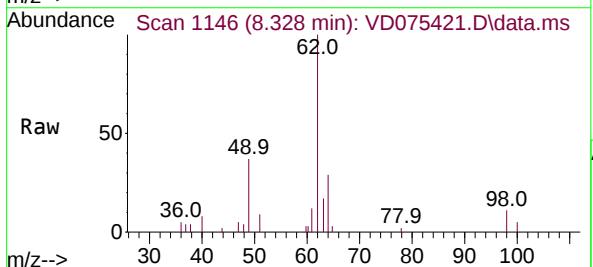
Acq: 23 Feb 2023 19:08

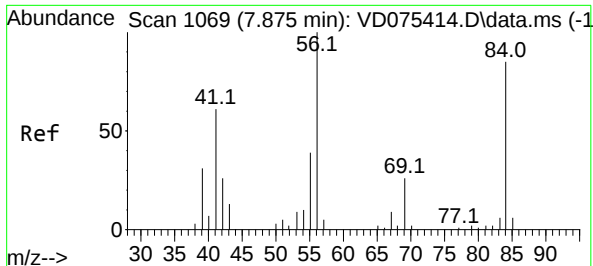
Tgt Ion: 62 Resp: 15849

Ion Ratio Lower Upper

62 100

98 10.8 6.8 10.2#





#29

Cyclohexane

Concen: 8.603 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

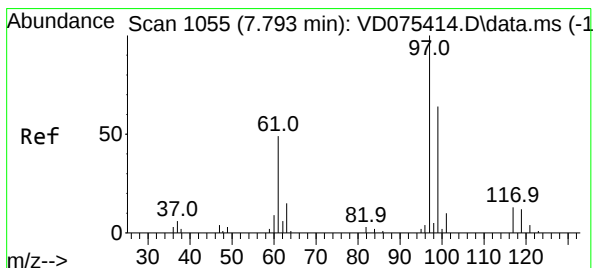
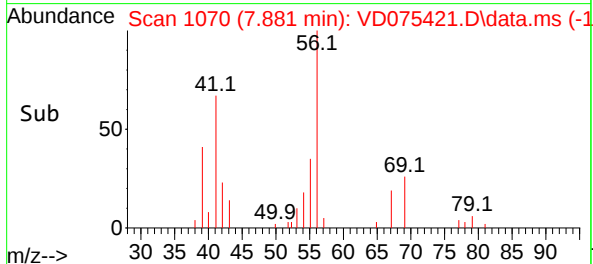
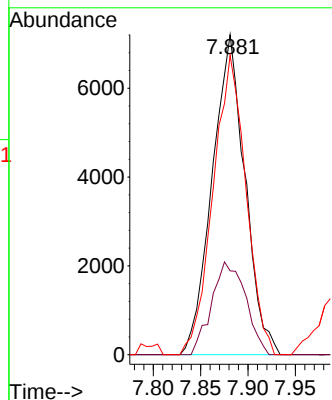
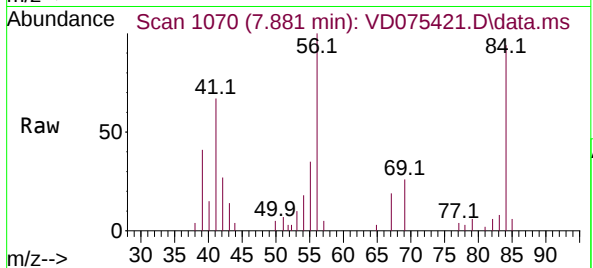
Tgt Ion: 56 Resp: 17355

Ion Ratio Lower Upper

56 100

69 30.0 23.2 34.8

84 93.5 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 9.666 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

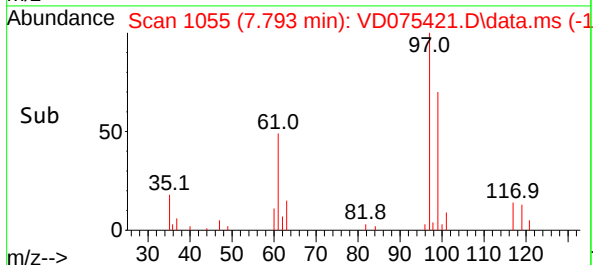
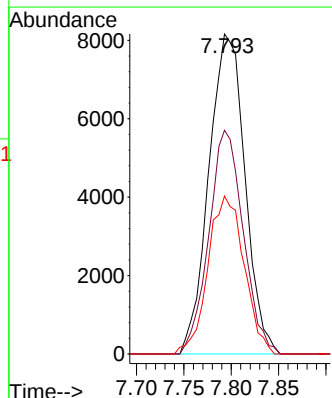
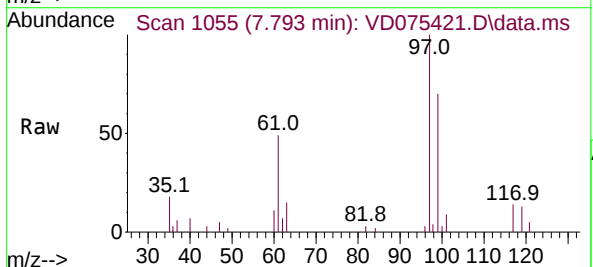
Tgt Ion: 97 Resp: 21659

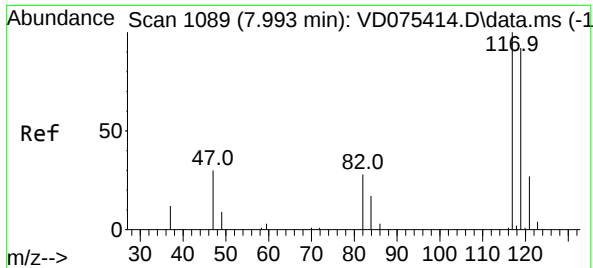
Ion Ratio Lower Upper

97 100

99 66.6 52.6 78.8

61 49.4 37.8 56.8

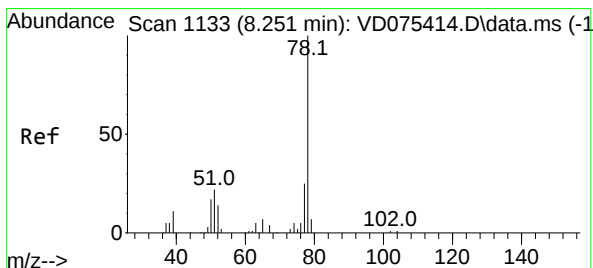
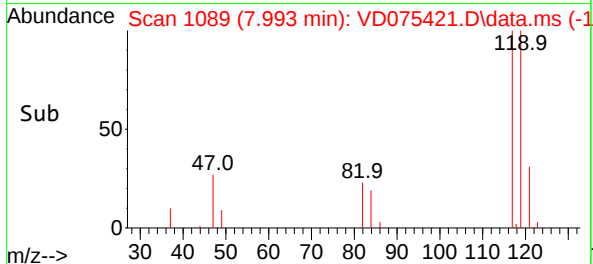
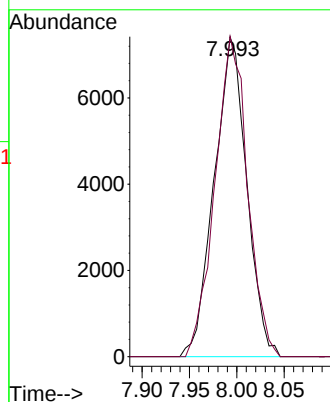
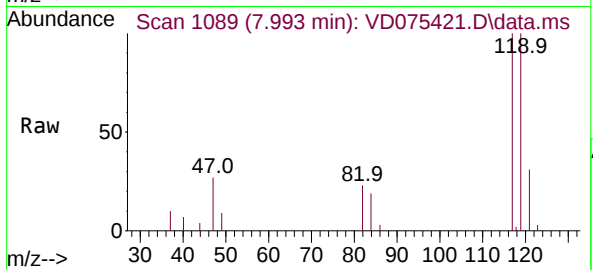




#31
Carbon tetrachloride
Concen: 9.198 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

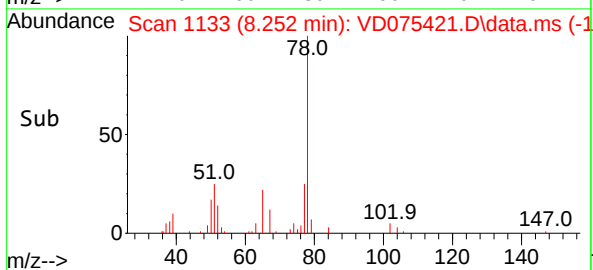
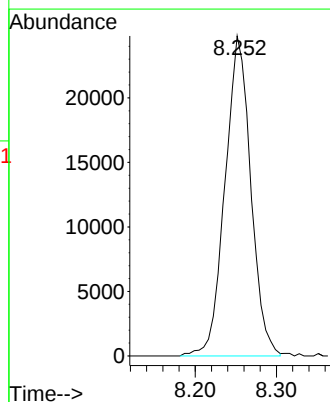
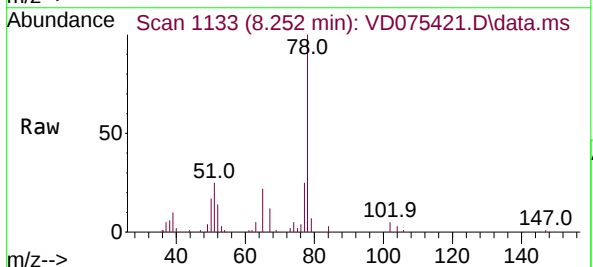
Instrument :
MSVOA_D
ClientSampleId :
MDL01

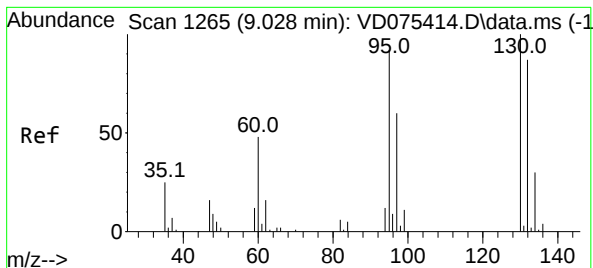
Tgt Ion:117 Resp: 17696
Ion Ratio Lower Upper
117 100
119 100.4 76.2 114.2



#33
Benzene
Concen: 10.369 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion: 78 Resp: 54748





#34

Trichloroethene

Concen: 9.818 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion: 95 Resp: 13783

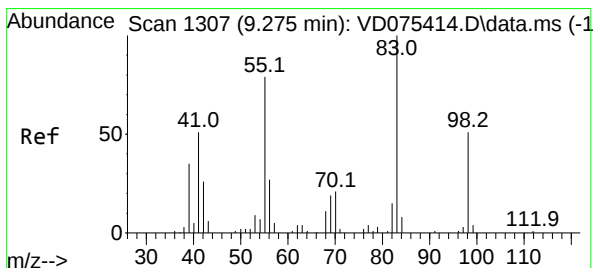
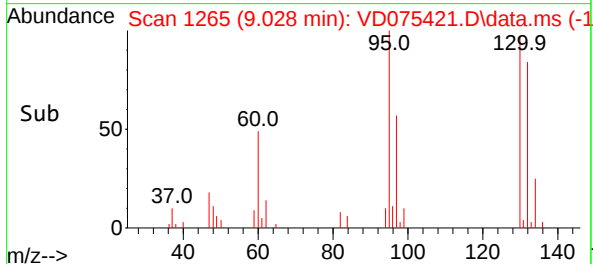
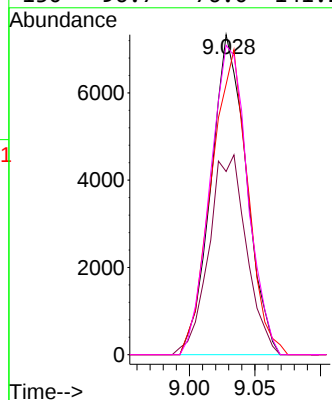
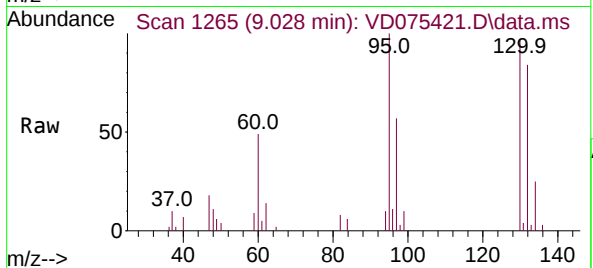
Ion Ratio Lower Upper

95 100

97 57.2 45.4 84.4

132 84.4 65.9 122.3

130 96.7 76.0 141.2



#35

Methylcyclohexane

Concen: 9.070 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

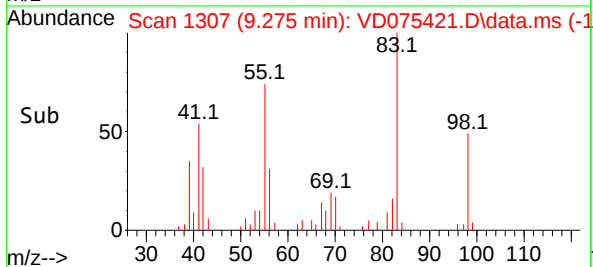
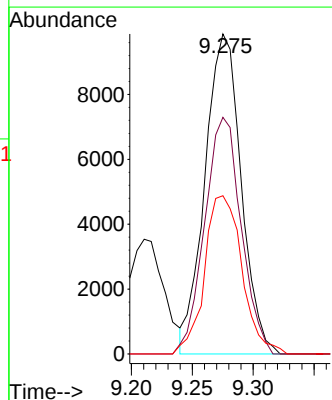
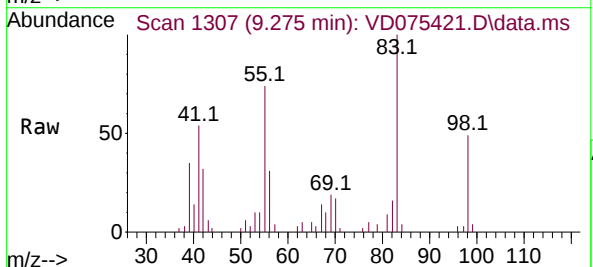
Tgt Ion: 83 Resp: 20398

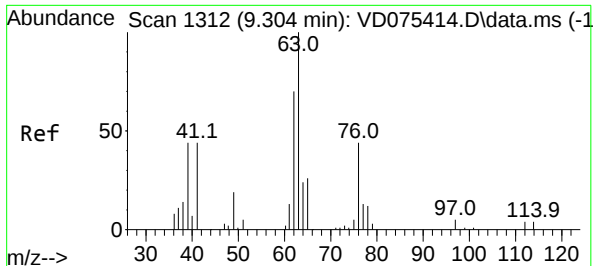
Ion Ratio Lower Upper

83 100

55 74.5 60.6 90.8

98 51.1 39.6 59.4





#37

1,2-Dichloropropane

Concen: 10.283 ug/L m

RT: 9.310 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

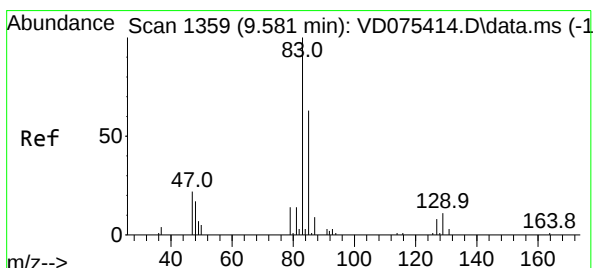
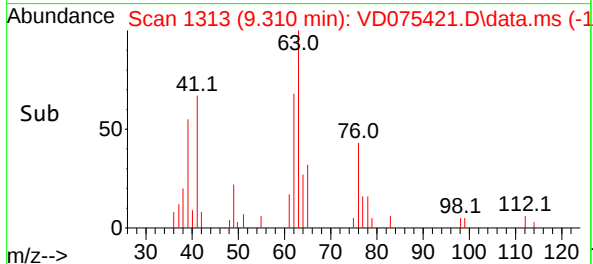
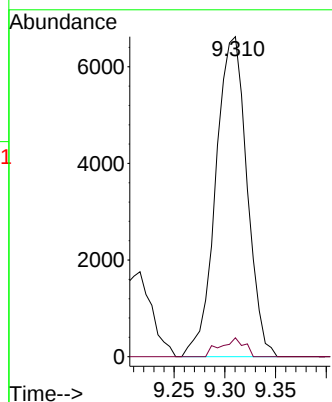
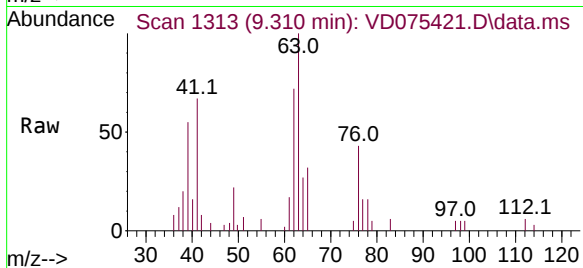
MDL01

Tgt Ion: 63 Resp: 14152

Ion Ratio Lower Upper

63 100

112 1.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 10.213 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

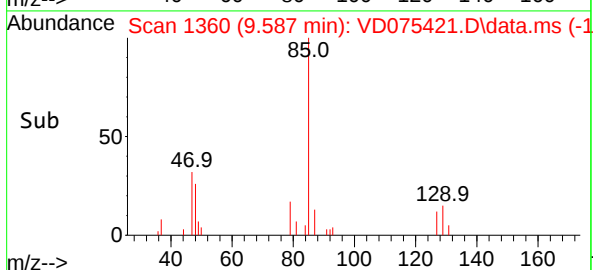
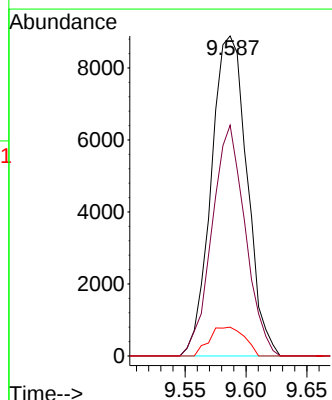
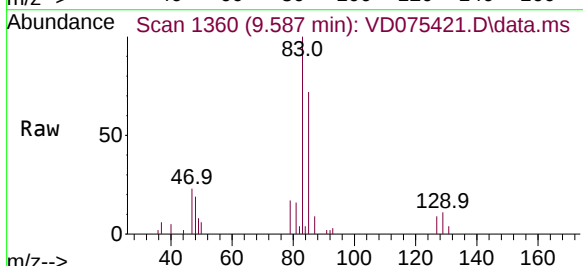
Tgt Ion: 83 Resp: 18183

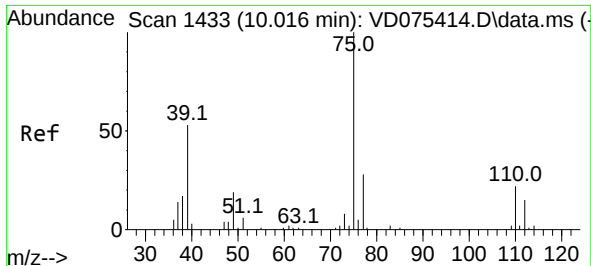
Ion Ratio Lower Upper

83 100

85 72.1 43.9 81.5

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 10.166 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

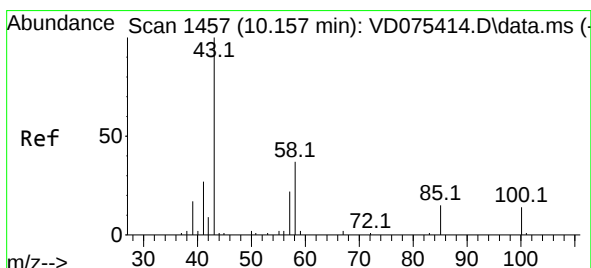
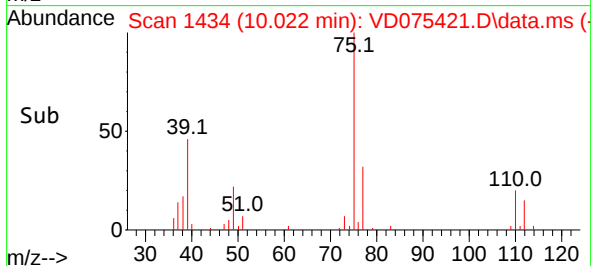
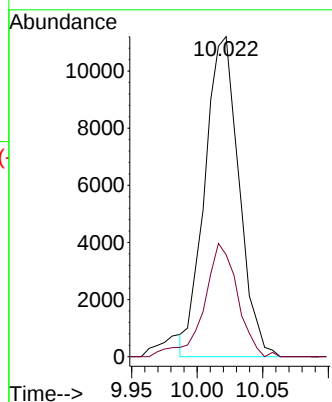
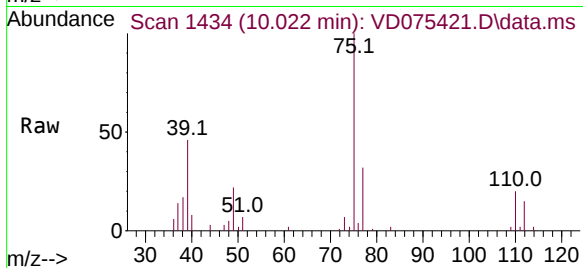
MDL01

Tgt Ion: 75 Resp: 20305

Ion Ratio Lower Upper

75 100

77 31.9 19.3 35.9



#40

4-Methyl-2-pentanone

Concen: 17.916 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

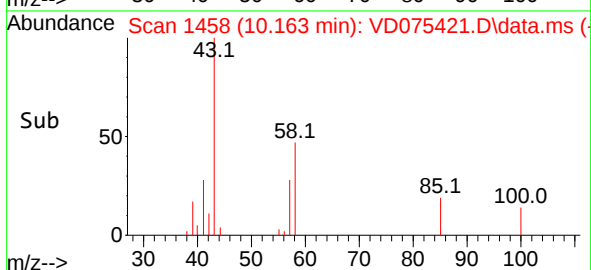
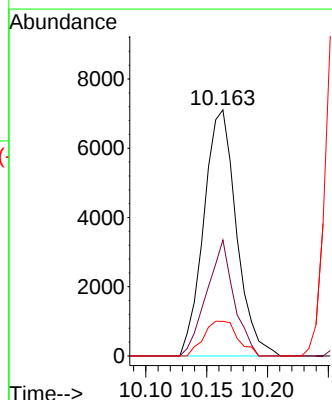
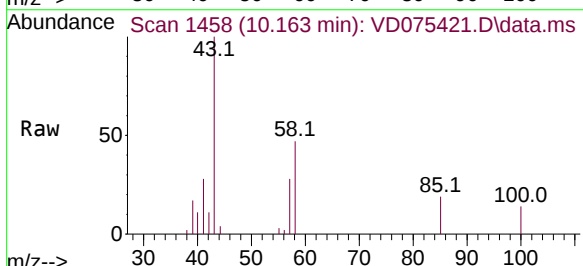
Tgt Ion: 43 Resp: 13249

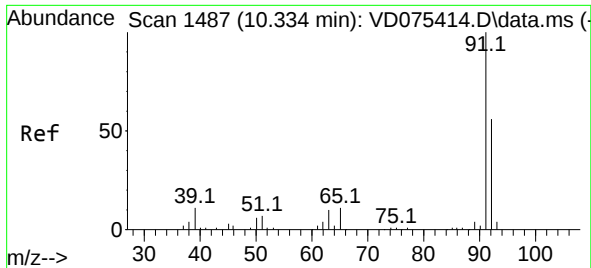
Ion Ratio Lower Upper

43 100

58 39.3 29.5 44.3

100 14.7 11.4 17.2





#42

Toluene

Concen: 10.520 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

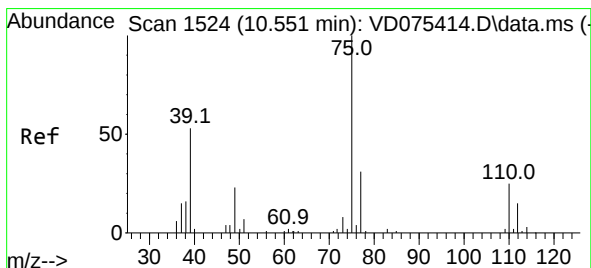
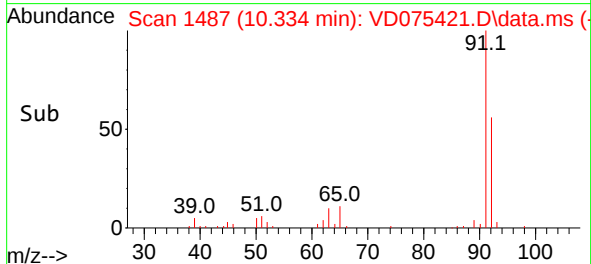
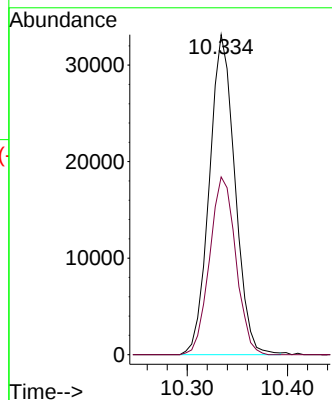
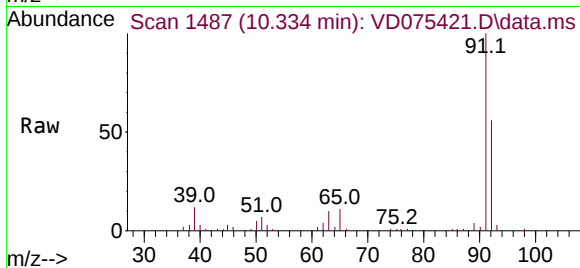
MDL01

Tgt Ion: 91 Resp: 58846

Ion Ratio Lower Upper

91 100

92 55.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 10.337 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075421.D

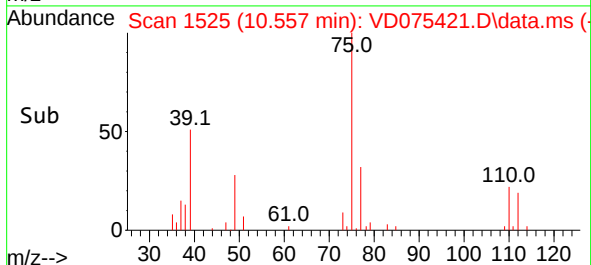
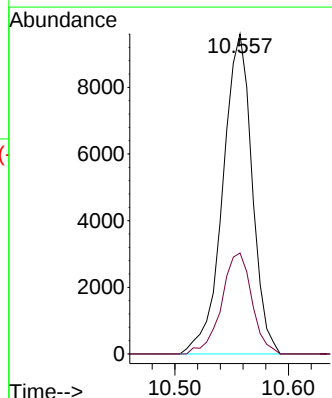
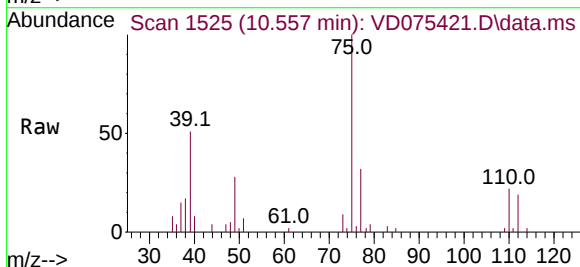
Acq: 23 Feb 2023 19:08

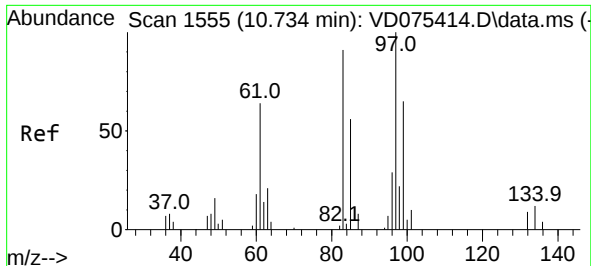
Tgt Ion: 75 Resp: 17175

Ion Ratio Lower Upper

75 100

77 31.5 21.4 39.8

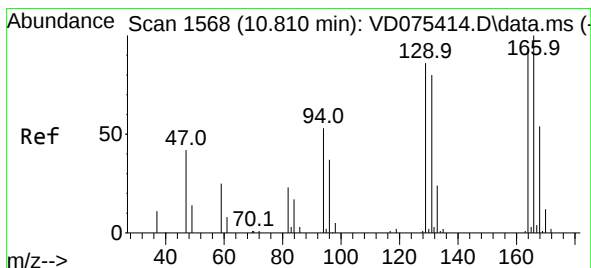
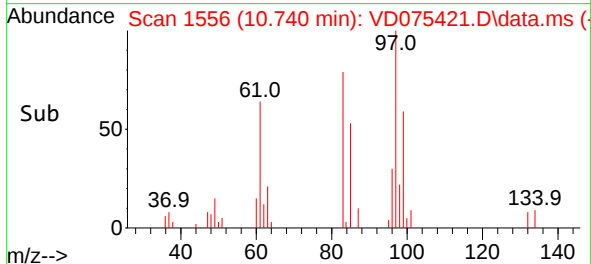
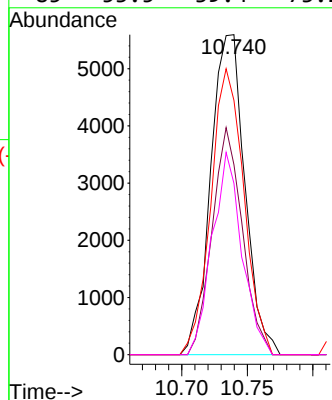
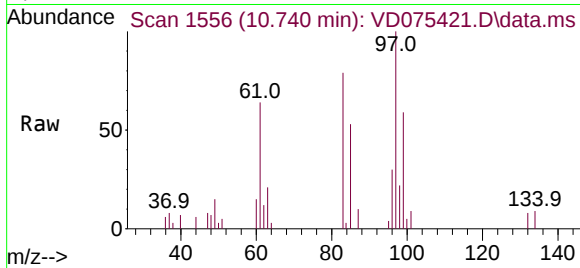




#45
1,1,2-Trichloroethane
Concen: 10.556 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

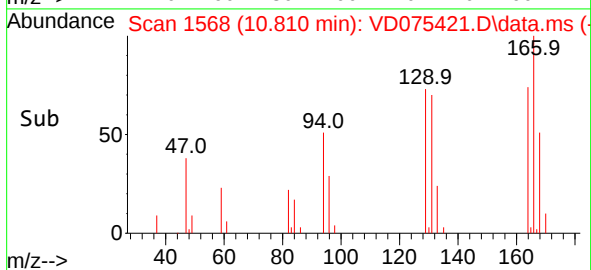
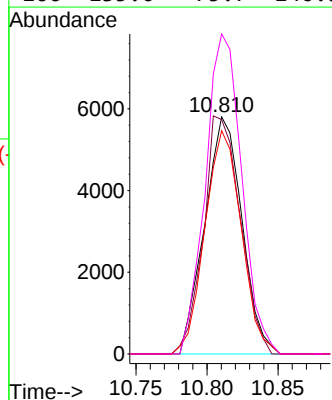
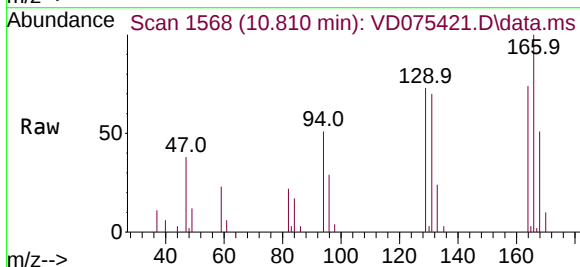
Instrument :
MSVOA_D
ClientSampleId :
MDL01

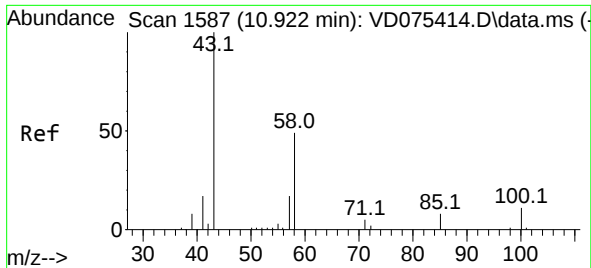
Tgt Ion:	97	Resp:	10151
Ion	Ratio	Lower	Upper
97	100		
99	59.4	45.4	84.2
83	79.4	63.8	118.6
85	53.5	39.4	73.2



#46
Tetrachloroethene
Concen: 9.562 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion:	164	Resp:	10591
Ion	Ratio	Lower	Upper
164	100		
129	98.8	64.8	120.4
131	94.2	60.1	111.5
166	135.0	75.7	140.5

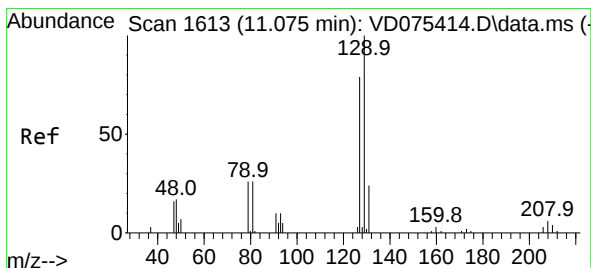
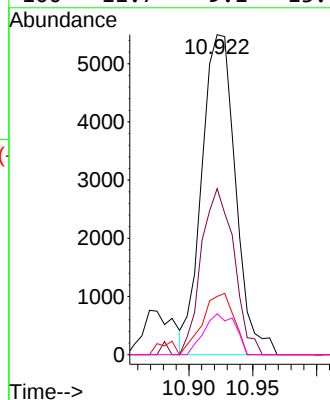
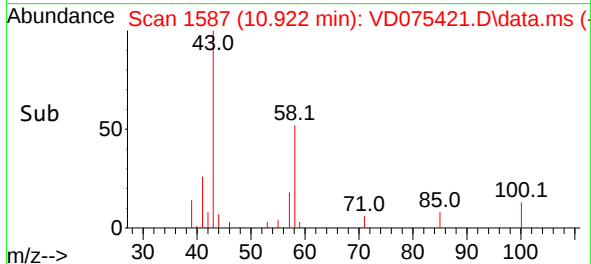
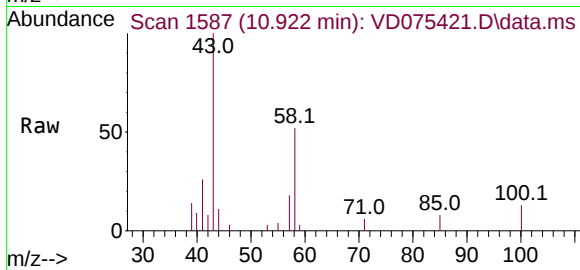




#48
2-Hexanone
Concen: 18.507 ug/L m
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

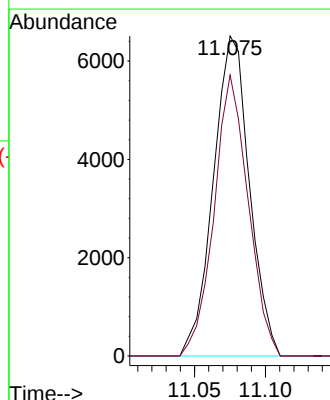
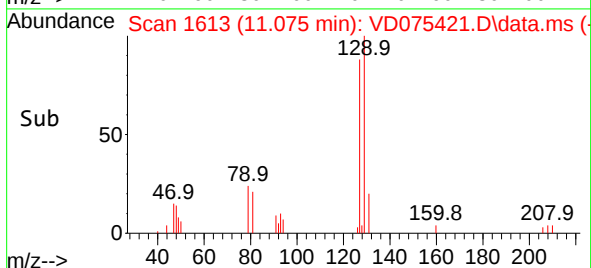
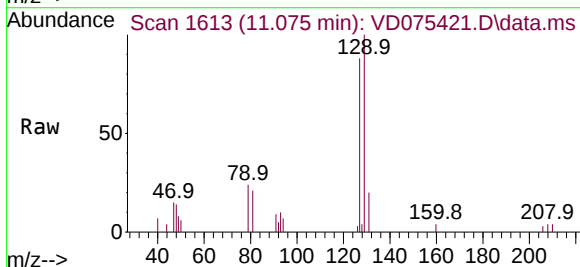
Instrument :
MSVOA_D
ClientSampleId :
MDL01

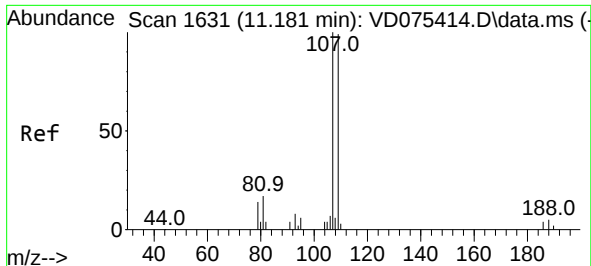
Tgt Ion:	43	Resp:	10126
Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.3	60.5
57	17.8	13.4	20.0
100	11.7	9.1	13.7



#49
Dibromochloromethane
Concen: 10.195 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion:	129	Resp:	11525
Ion	Ratio	Lower	Upper
129	100		
127	87.7	55.3	102.7

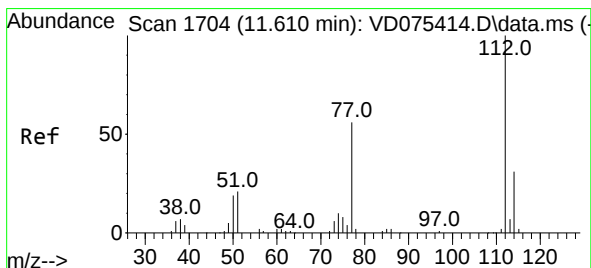
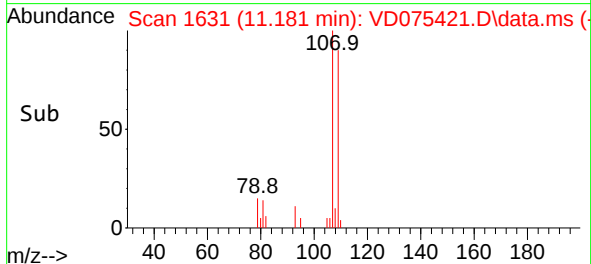
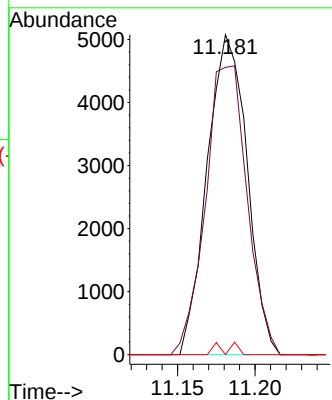
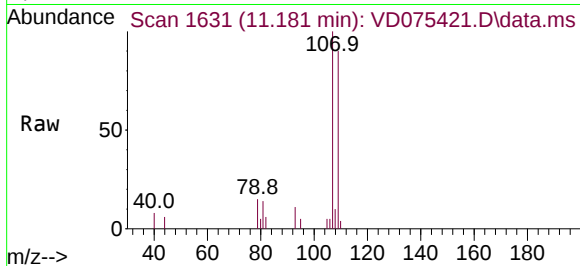




#50
1,2-Dibromoethane
Concen: 10.233 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

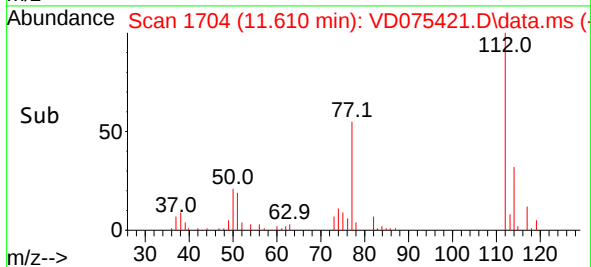
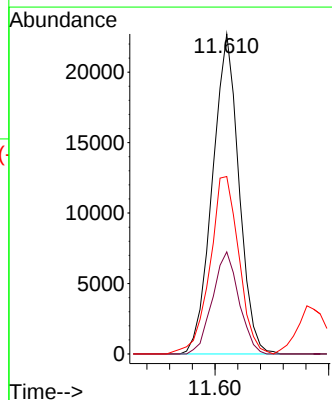
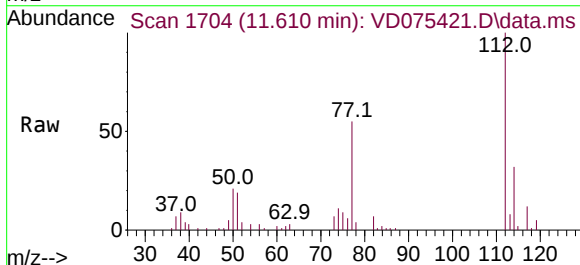
Instrument :
MSVOA_D
ClientSampleId :
MDL01

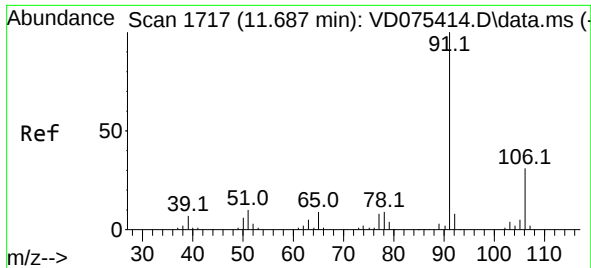
Tgt Ion:107 Resp: 9093
Ion Ratio Lower Upper
107 100
109 89.8 69.6 129.2
188 0.0 3.8 5.6#



#51
Chlorobenzene
Concen: 10.374 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion:112 Resp: 36802
Ion Ratio Lower Upper
112 100
114 31.9 21.4 39.8
77 55.5 45.1 67.7

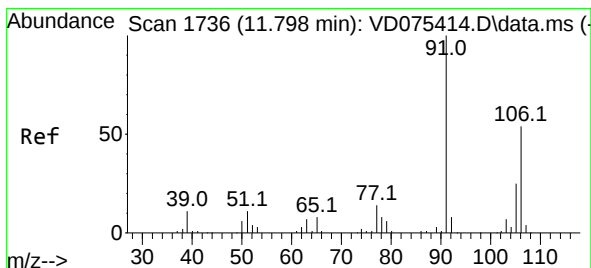
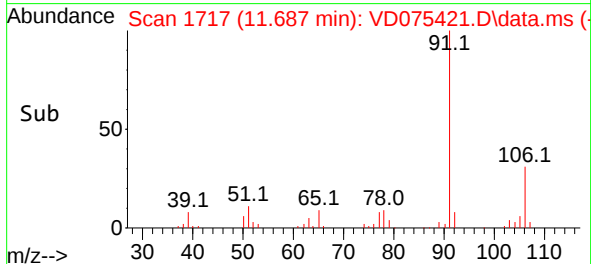
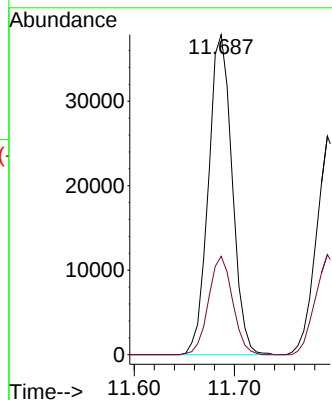
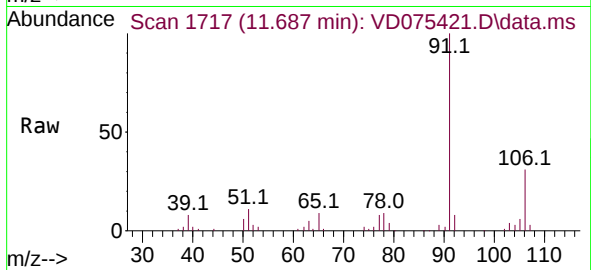




#52
Ethylbenzene
Concen: 10.055 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

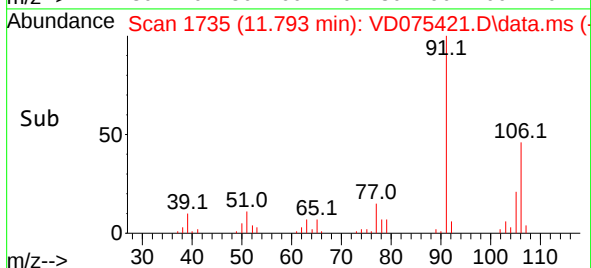
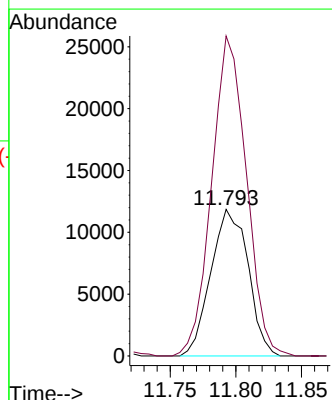
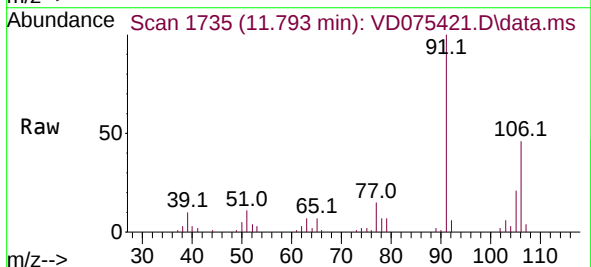
Instrument :
MSVOA_D
ClientSampleId :
MDL01

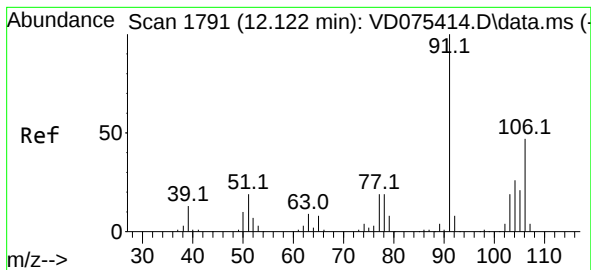
Tgt Ion: 91 Resp: 62135
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#53
m,p-Xylene
Concen: 10.060 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion: 106 Resp: 23440
Ion Ratio Lower Upper
106 100
91 218.4 131.2 243.6





#54

o-Xylene

Concen: 9.991 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

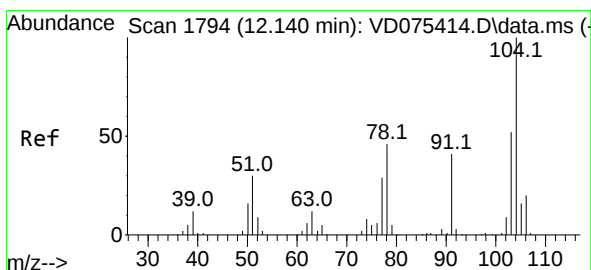
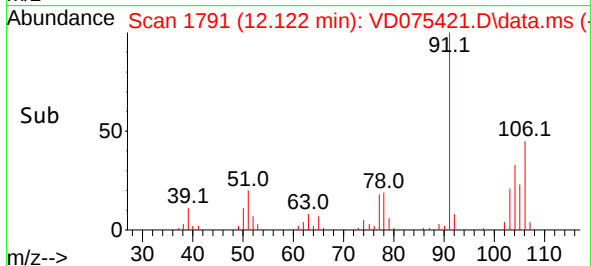
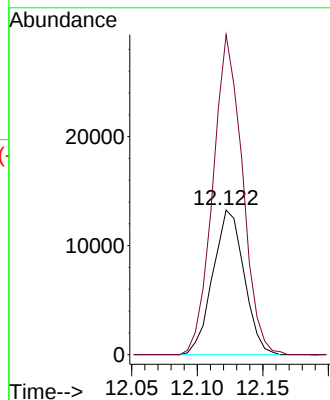
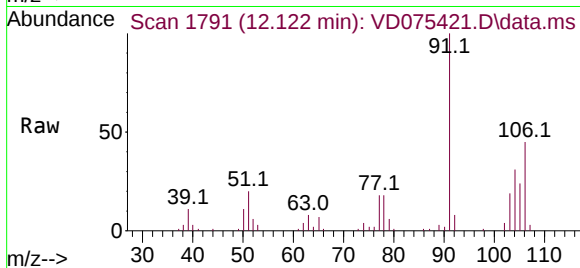
MDL01

Tgt Ion:106 Resp: 22007

Ion Ratio Lower Upper

106 100

91 221.1 147.7 274.3



#55

Styrene

Concen: 10.097 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD075421.D

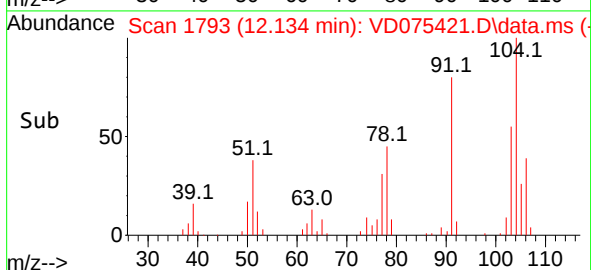
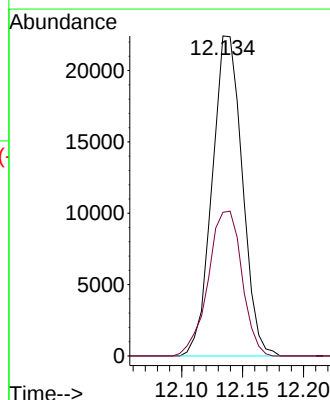
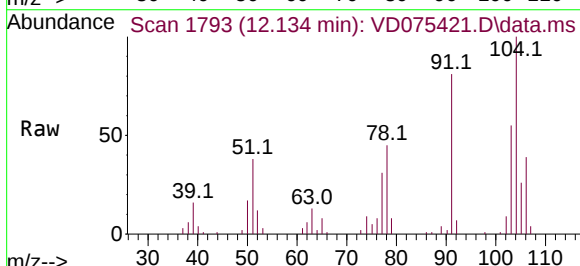
Acq: 23 Feb 2023 19:08

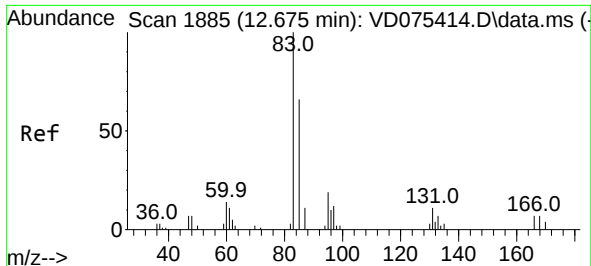
Tgt Ion:104 Resp: 38644

Ion Ratio Lower Upper

104 100

78 44.9 32.5 60.3

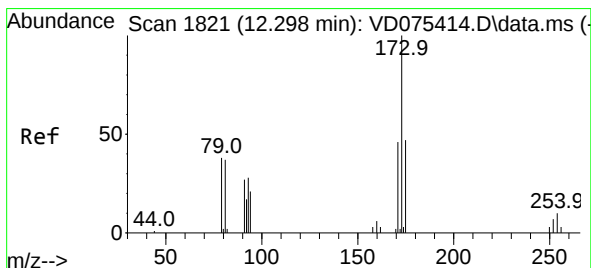
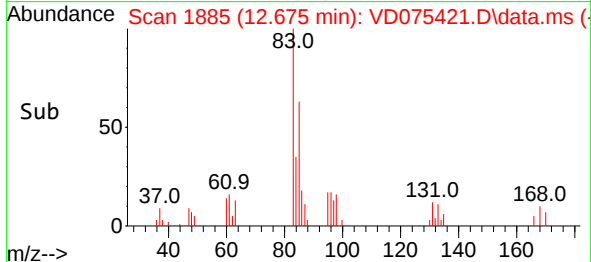
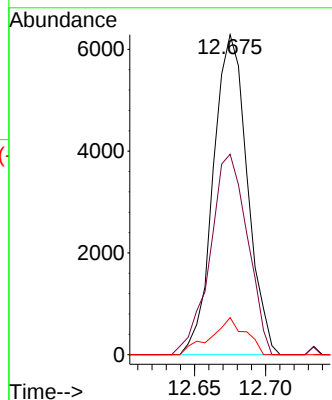
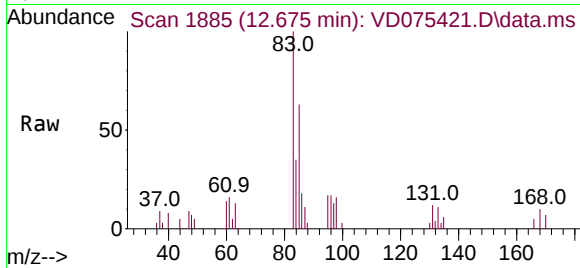




#57
1,1,2,2-Tetrachloroethane
Concen: 9.802 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

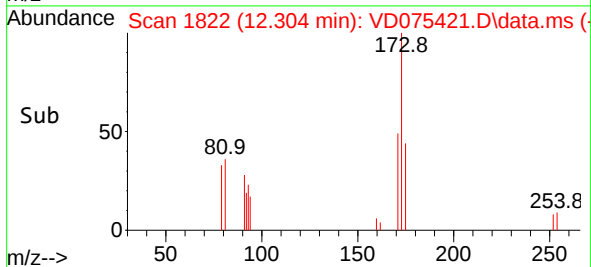
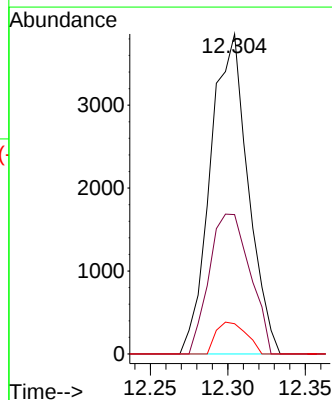
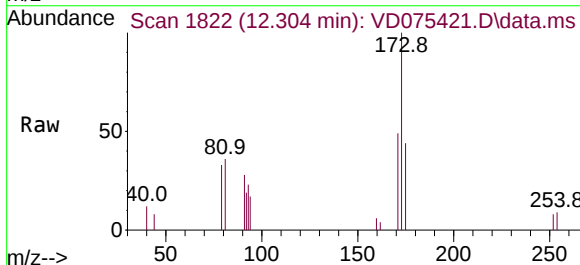
Instrument :
MSVOA_D
ClientSampleId :
MDL01

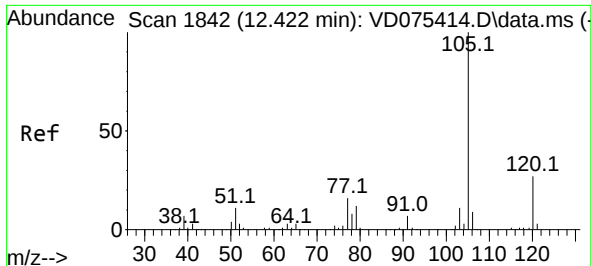
Tgt Ion: 83 Resp: 10472
Ion Ratio Lower Upper
83 100
85 62.6 45.9 85.3
131 11.6 9.0 13.6



#59
Bromoform
Concen: 9.500 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion: 173 Resp: 6519
Ion Ratio Lower Upper
173 100
175 47.5 37.7 56.5
254 8.0 7.0 10.4

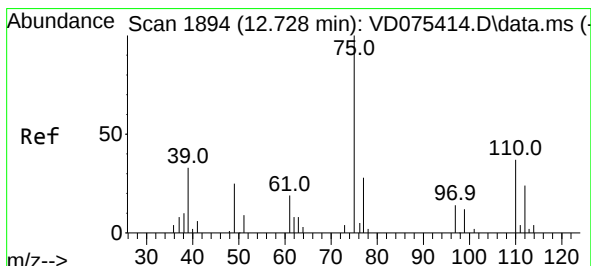
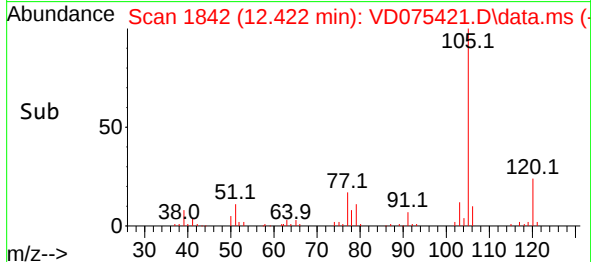
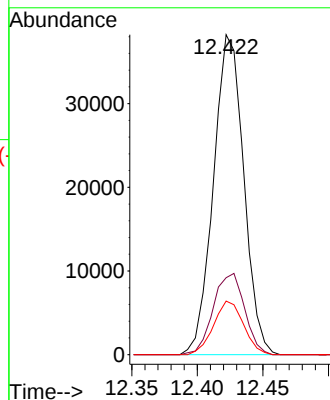
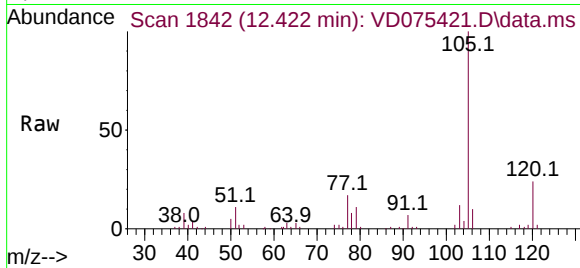




#60
Isopropylbenzene
Concen: 9.875 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

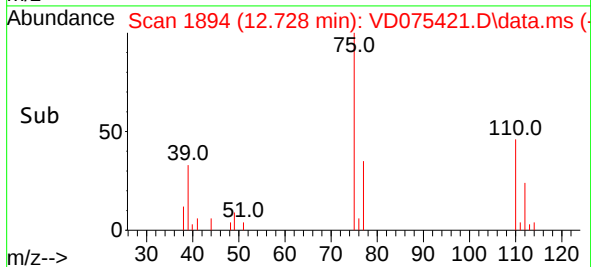
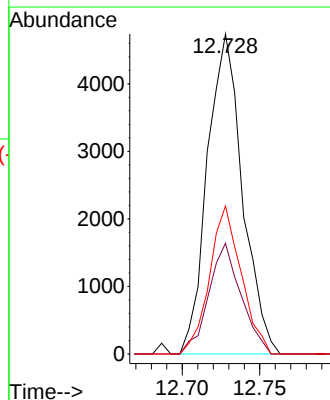
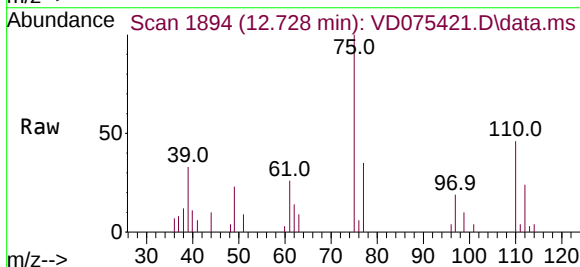
Instrument :
MSVOA_D
ClientSampleId :
MDL01

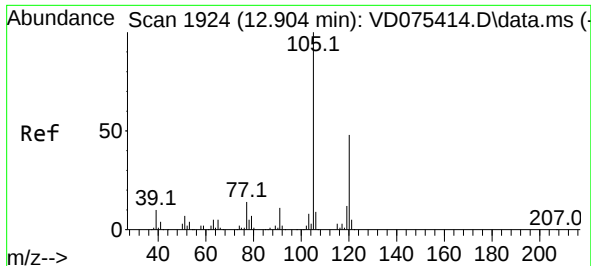
Tgt Ion:105 Resp: 61497
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 16.6 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 10.187 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion: 75 Resp: 7453
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
110 41.9 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 9.356 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

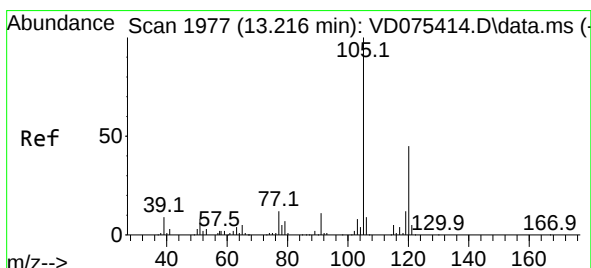
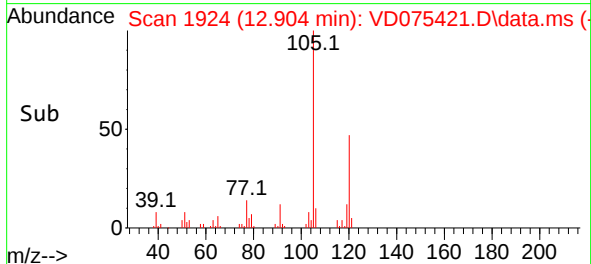
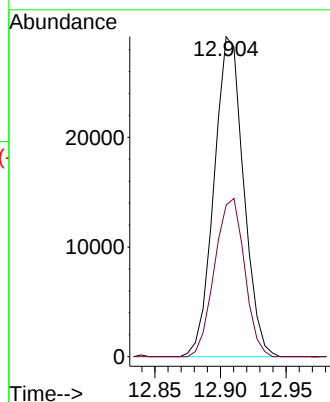
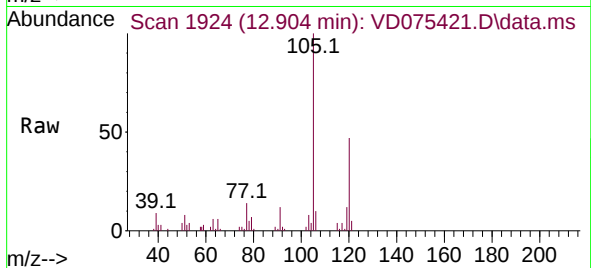
MDL01

Tgt Ion:105 Resp: 45657

Ion Ratio Lower Upper

105 100

120 50.0 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 9.958 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075421.D

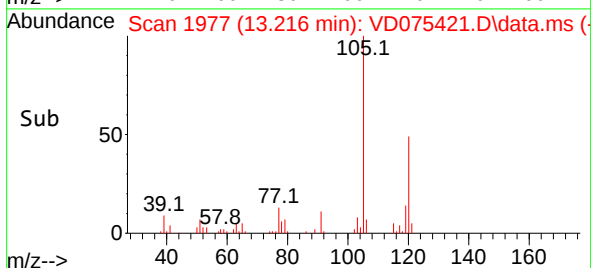
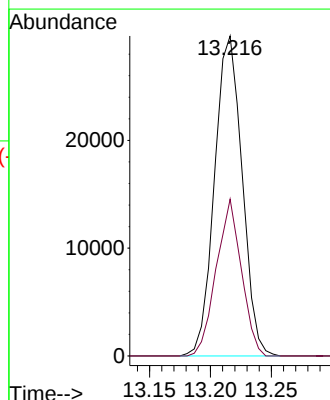
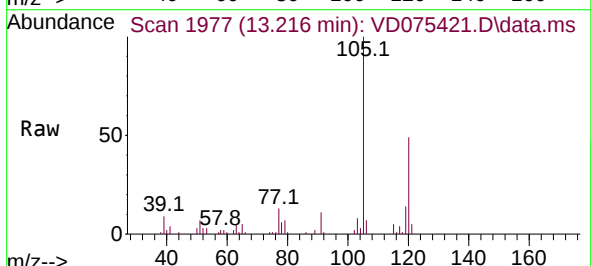
Acq: 23 Feb 2023 19:08

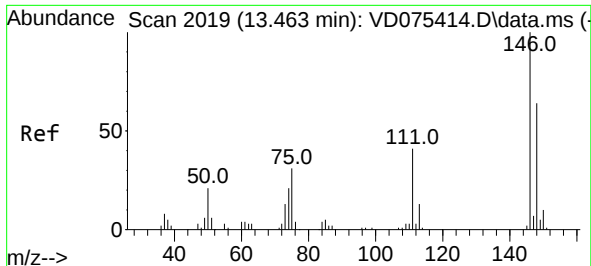
Tgt Ion:105 Resp: 46843

Ion Ratio Lower Upper

105 100

120 44.6 36.3 54.5

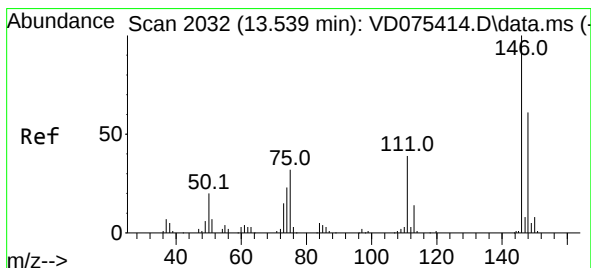
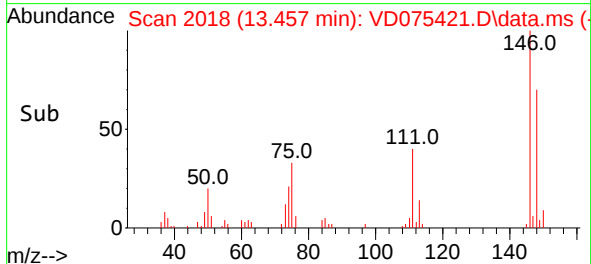
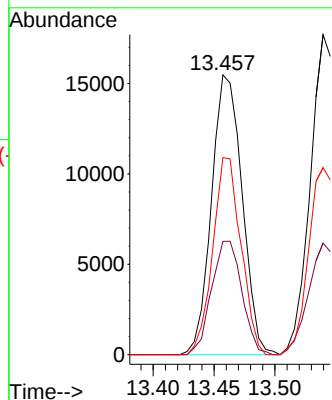
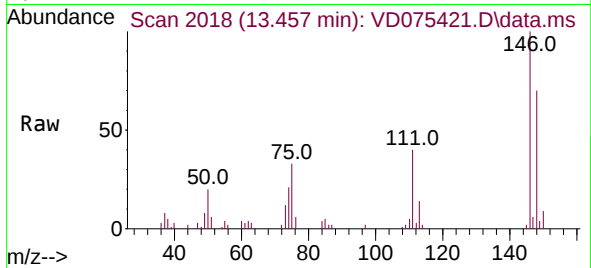




#64
1,3-Dichlorobenzene
Concen: 9.987 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

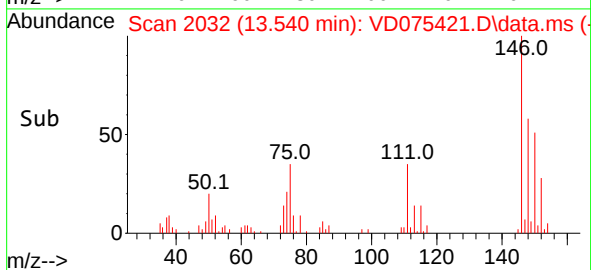
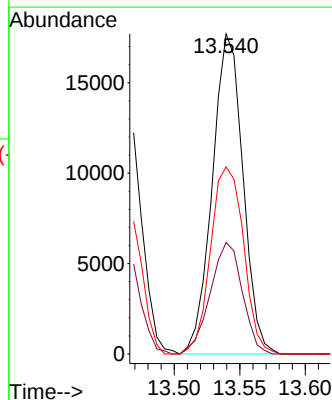
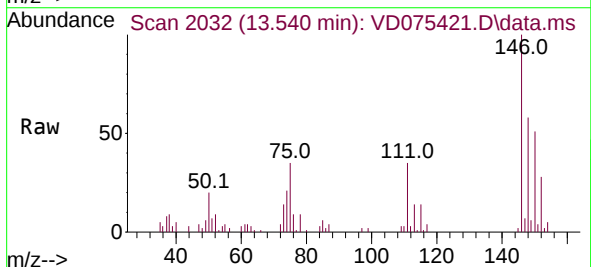
Instrument :
MSVOA_D
ClientSampleId :
MDL01

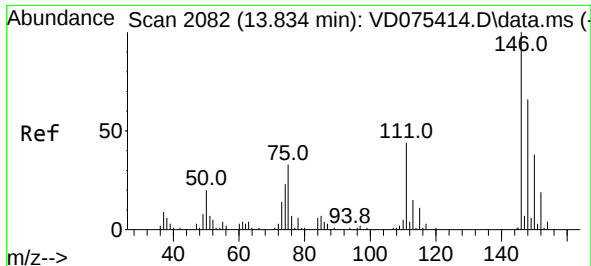
Tgt Ion:146 Resp: 27069
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 70.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 10.392 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075421.D
Acq: 23 Feb 2023 19:08

Tgt Ion:146 Resp: 28750
Ion Ratio Lower Upper
146 100
111 34.9 27.9 51.7
148 58.5 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 10.614 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

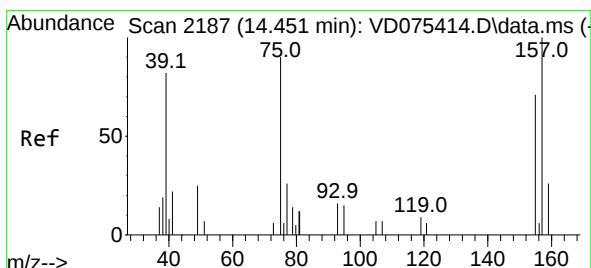
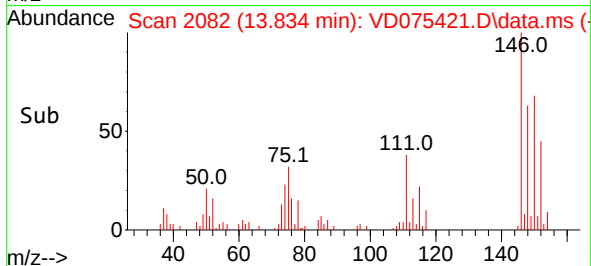
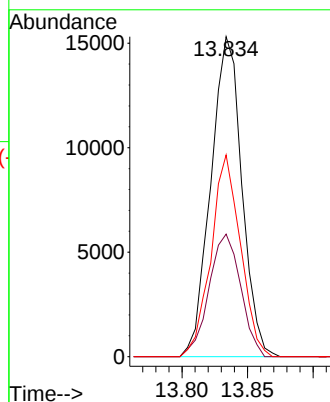
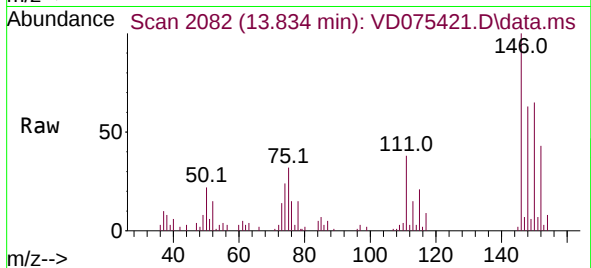
Tgt Ion:146 Resp: 25221

Ion Ratio Lower Upper

146 100

111 38.3 35.0 52.6

148 63.0 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 9.203 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

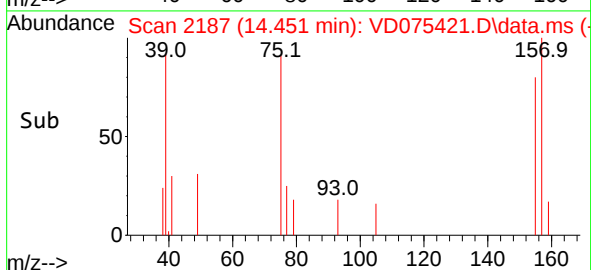
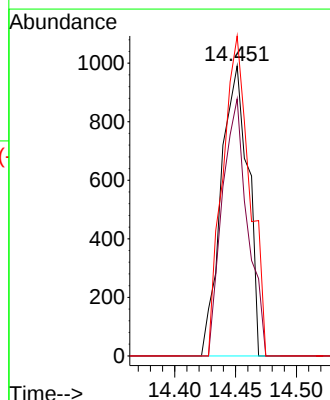
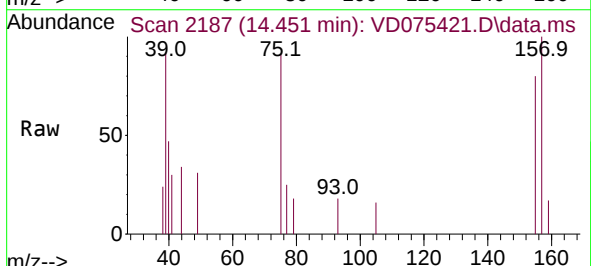
Tgt Ion: 75 Resp: 1517

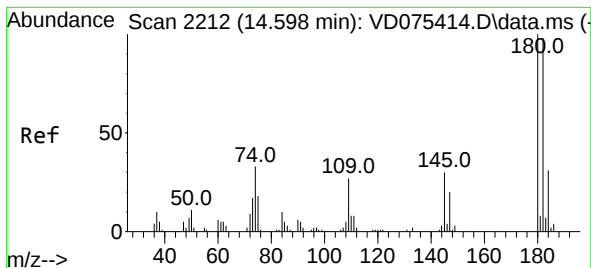
Ion Ratio Lower Upper

75 100

155 88.6 63.1 94.7

157 110.3 89.2 133.8





#69

1,3,5-Trichlorobenzene

Concen: 9.581 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion:180 Resp: 17119

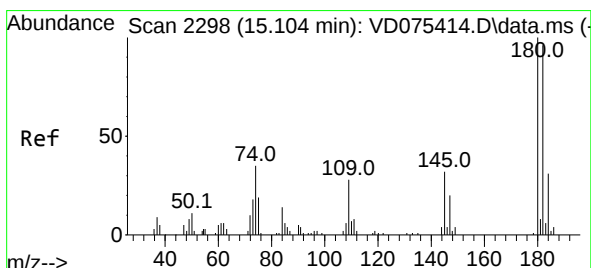
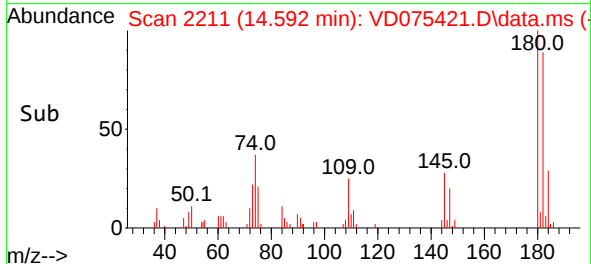
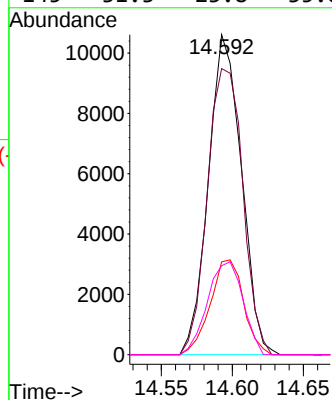
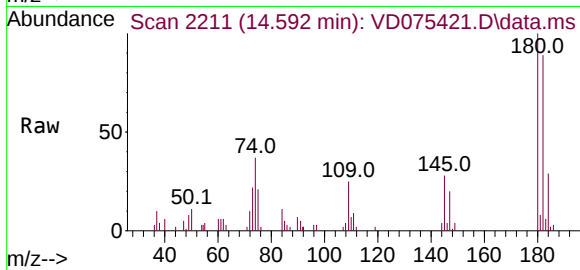
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

184 30.1 23.8 35.6

145 31.3 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 9.154 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

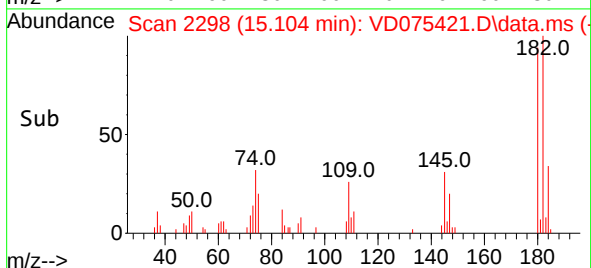
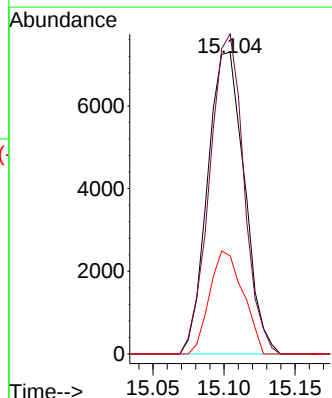
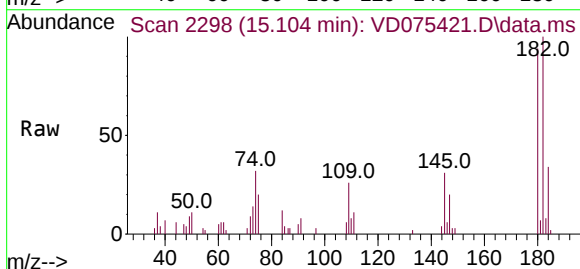
Tgt Ion:180 Resp: 13158

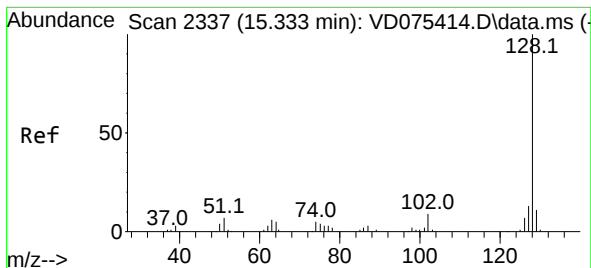
Ion Ratio Lower Upper

180 100

182 98.5 77.1 115.7

145 31.0 23.8 35.6





#71

Naphthalene

Concen: 8.724 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

MDL01

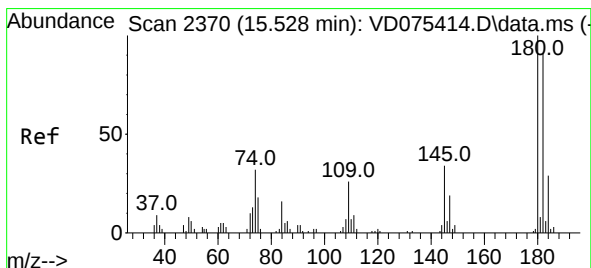
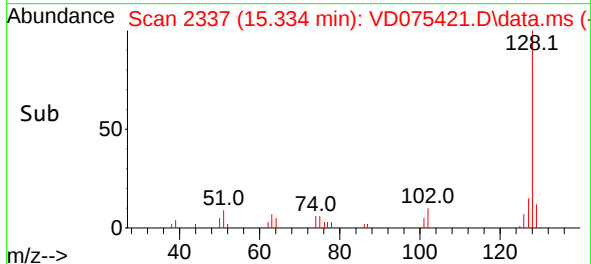
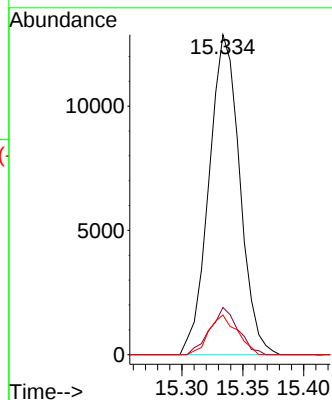
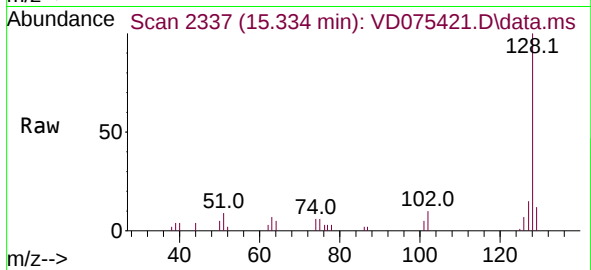
Tgt Ion:128 Resp: 22671

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.4 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 9.492 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075421.D

Acq: 23 Feb 2023 19:08

Tgt Ion:180 Resp: 11767

Ion Ratio Lower Upper

180 100

182 97.3 75.4 113.2

145 31.5 26.6 39.8

