

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075422.D
 Acq On : 23 Feb 2023 19:36
 Operator : KP/SY
 Sample : MDL02
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

Quant Time: Feb 24 00:27:45 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	81686	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	73905	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	36171	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	35932	22.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.800%
7) Chloroethane-d5	2.805	69	31286	22.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	3.922	63	46382	19.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	6.987	46	10686	44.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
24) Chloroform-d	7.569	84	55650	23.634	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.234	65	27927	23.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.920%
32) Benzene-d6	8.204	84	108912	23.605	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.210	67	31543	23.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.000%
41) Toluene-d8	10.269	98	99043	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.528	79	12439	22.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.080%
47) 2-Hexanone-d5	10.881	63	7718	42.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	21607	22.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	28743	22.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	15397	9.827	ug/L	100
3) Chloromethane	2.146	50	18916	10.103	ug/L	99
5) Vinyl chloride	2.281	62	20786	9.987	ug/L	98
6) Bromomethane	2.699	94	10494	10.129	ug/L	88
8) Chloroethane	2.840	64	12736	10.045	ug/L	97
9) Trichlorofluoromethane	3.181	101	23002	9.770	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	14491	10.252	ug/L	99
12) 1,1-Dichloroethene	3.946	96	11856	9.744	ug/L #	81
13) Acetone	4.022	43	5314	16.244	ug/L	97
14) Carbon disulfide	4.275	76	38136	9.722	ug/L	99
15) Methyl Acetate	4.563	43	5208	10.365	ug/L	99
16) Methylene chloride	4.805	84	15790	9.667	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	12747	10.164	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	25800	10.083	ug/L #	89
19) 1,1-Dichloroethane	6.116	63	25860	10.706	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	14144	10.565	ug/L	99
22) 2-Butanone	7.087	43	7338	19.276	ug/L #	63
23) Bromochloromethane	7.428	128	6194	10.454	ug/L	80
25) Chloroform	7.599	83	26436	10.666	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

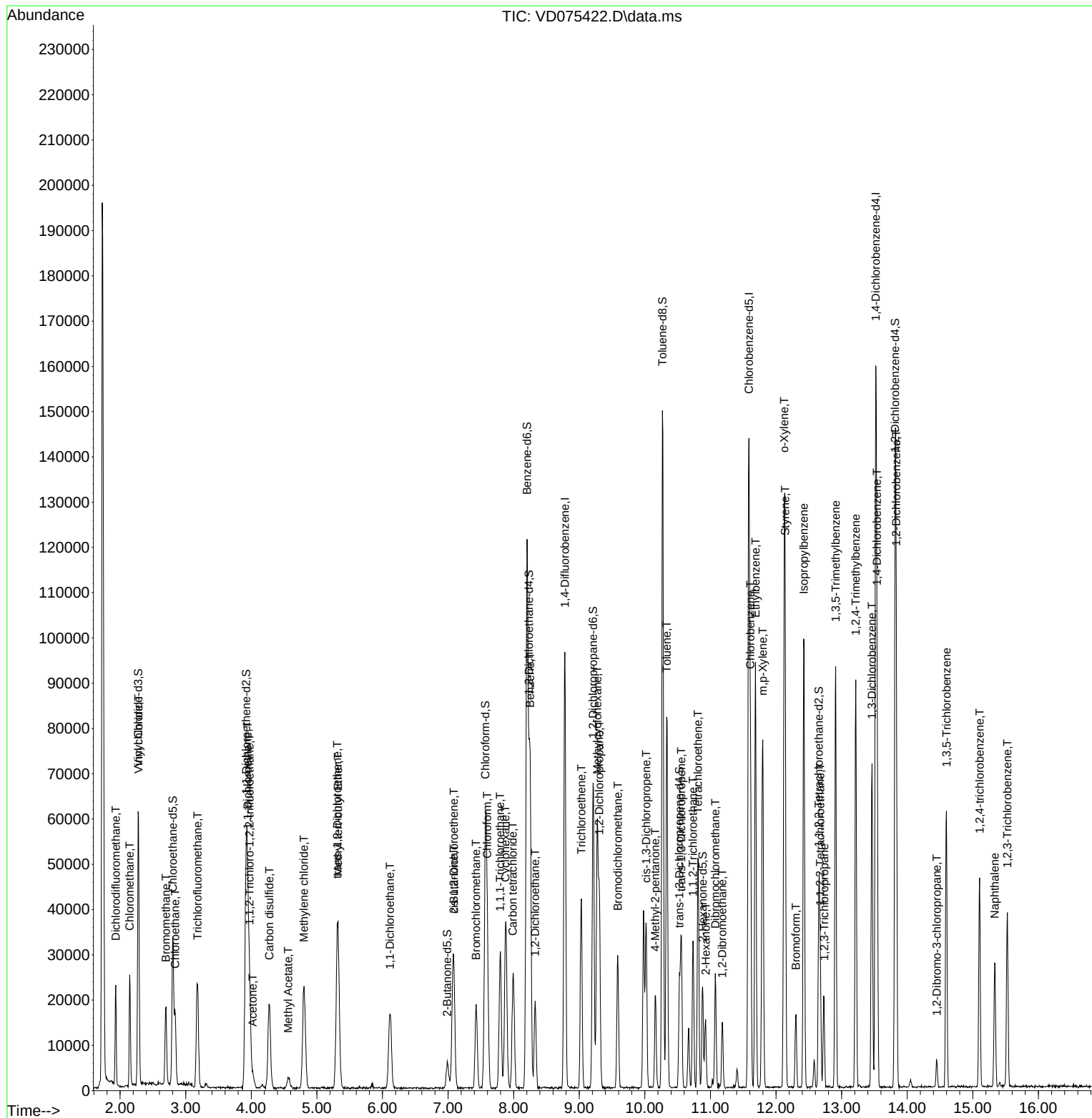
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	16239	10.423	ug/L	100
29) Cyclohexane	7.875	56	19185	9.480	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	22754	10.123	ug/L	98
31) Carbon tetrachloride	7.987	117	19124	9.909	ug/L	99
33) Benzene	8.252	78	54974	10.378	ug/L	100
34) Trichloroethene	9.034	95	14528	10.316	ug/L	90
35) Methylcyclohexane	9.275	83	22275	9.873	ug/L	99
37) 1,2-Dichloropropane	9.304	63	14914	10.802	ug/L #	96
38) Bromodichloromethane	9.587	83	18758	10.502	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	21108	10.534	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	14334	19.322	ug/L	95
42) Toluene	10.334	91	59036	10.521	ug/L	93
44) trans-1,3-Dichloropropene	10.557	75	17189	10.312	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	10179	10.552	ug/L	95
46) Tetrachloroethene	10.810	164	11566	10.409	ug/L #	86
48) 2-Hexanone	10.928	43	10383	18.916	ug/L	97
49) Dibromochloromethane	11.075	129	11936	10.525	ug/L	100
50) 1,2-Dibromoethane	11.181	107	9178	10.296	ug/L #	90
51) Chlorobenzene	11.610	112	36786	10.337	ug/L	97
52) Ethylbenzene	11.687	91	64451	10.397	ug/L	98
53) m,p-Xylene	11.798	106	24118	10.318	ug/L	89
54) o-Xylene	12.128	106	22542	10.201	ug/L	100
55) Styrene	12.140	104	39692	10.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	11483	10.715	ug/L	95
59) Bromoform	12.304	173	6960	10.399	ug/L #	98
60) Isopropylbenzene	12.422	105	60782	10.007	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	7757	10.871	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	47473	9.975	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	46977	10.239	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	28162	10.653	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	27953	10.360	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	25342	10.935	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.451	75	1966	12.229	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.598	180	18056	10.362	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	14662	10.458	ug/L	92
71) Naphthalene	15.333	128	24188	9.543	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	12778	10.569	ug/L	98

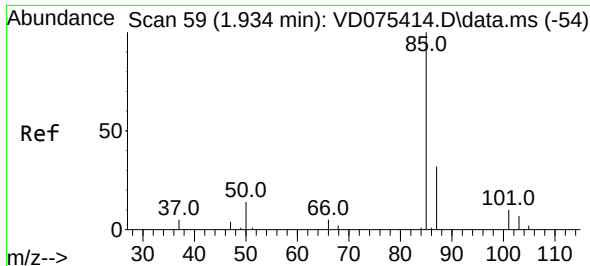
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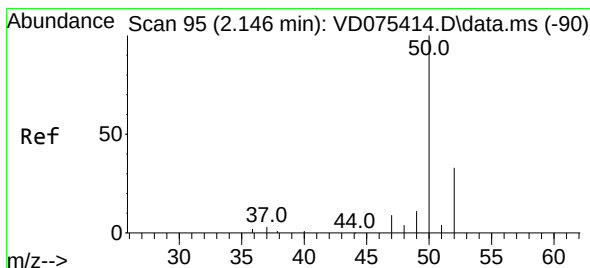
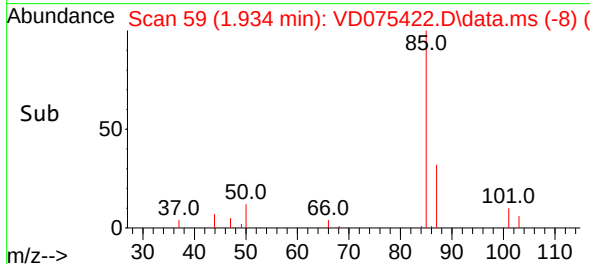
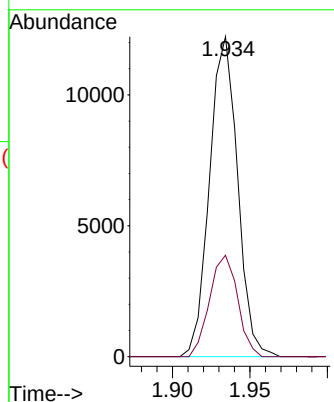
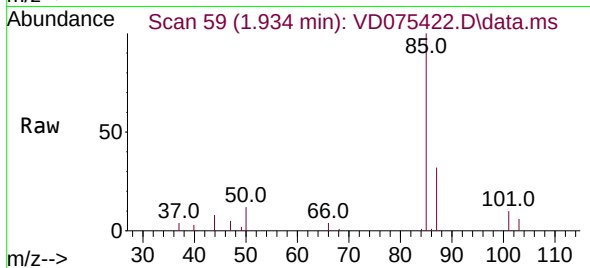




#2
 Dichlorodifluoromethane
 Concen: 9.827 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075422.D
 Acq: 23 Feb 2023 19:36

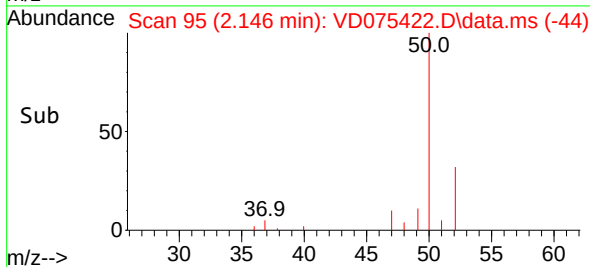
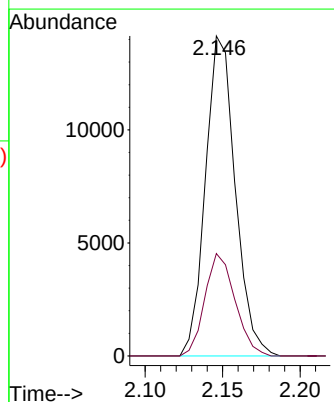
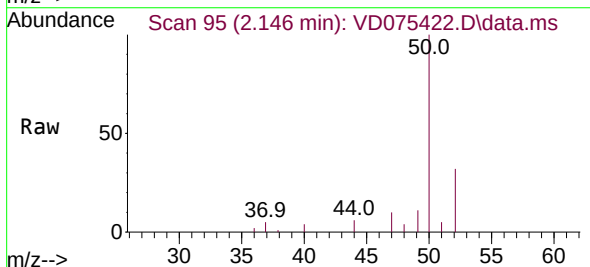
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

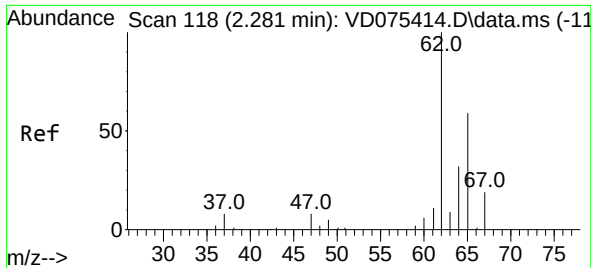
Tgt Ion: 85 Resp: 15397
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.1 37.7



#3
 Chloromethane
 Concen: 10.103 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075422.D
 Acq: 23 Feb 2023 19:36

Tgt Ion: 50 Resp: 18916
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.8 42.4

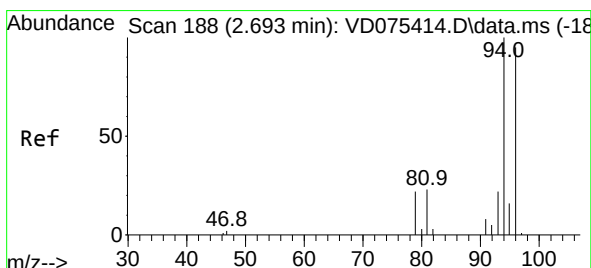
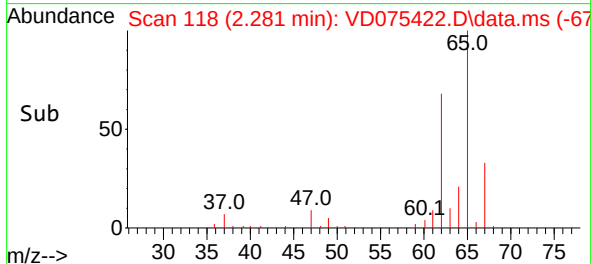
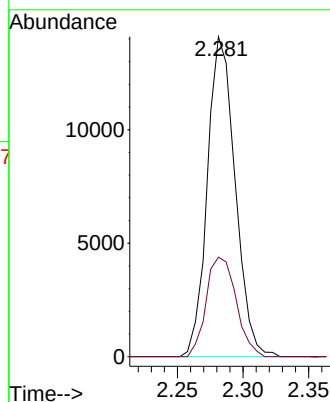
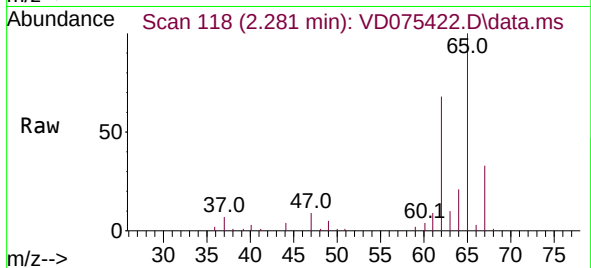




#5
 Vinyl chloride
 Concen: 9.987 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD075422.D
 Acq: 23 Feb 2023 19:36

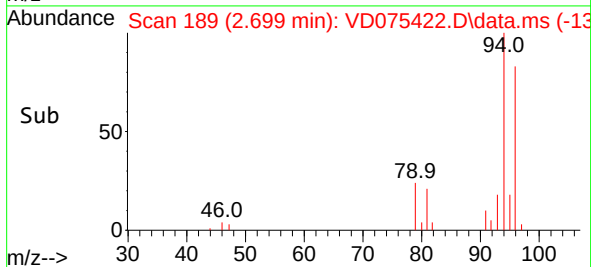
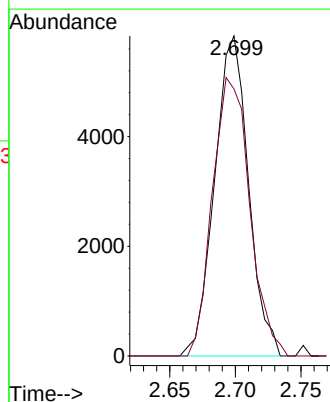
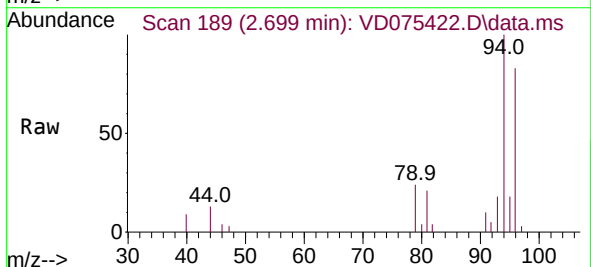
Instrument :
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 ClientSampleId :
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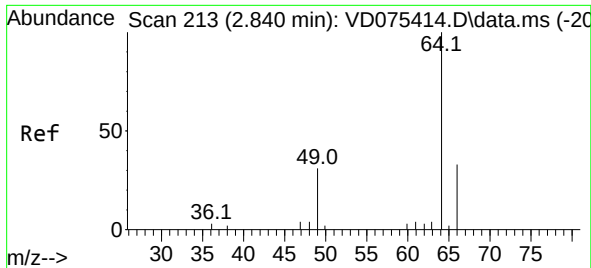
Tgt Ion: 62 Resp: 20786
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.4 41.6



#6
 Bromomethane
 Concen: 10.129 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD075422.D
 Acq: 23 Feb 2023 19:36

Tgt Ion: 94 Resp: 10494
 Ion Ratio Lower Upper
 94 100
 96 83.5 66.4 123.4

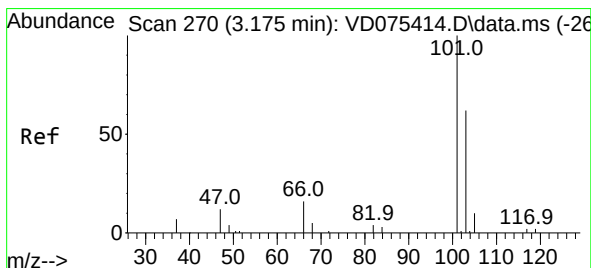
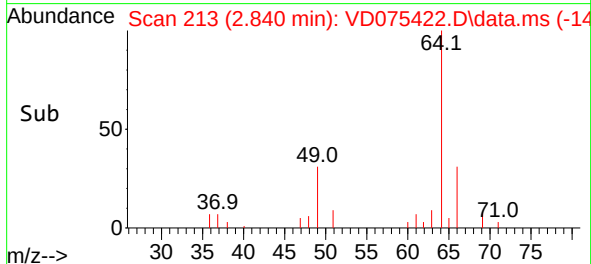
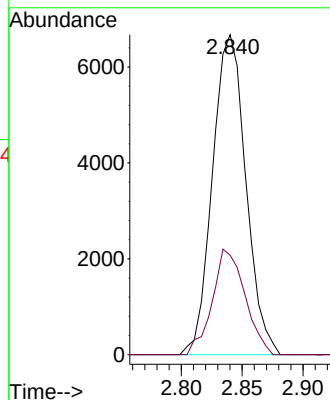
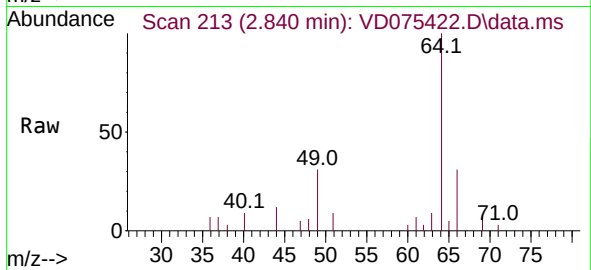




#8
Chloroethane
Concen: 10.045 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

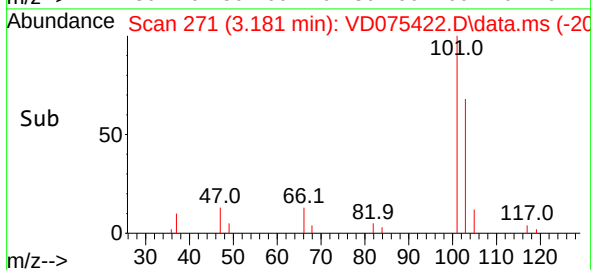
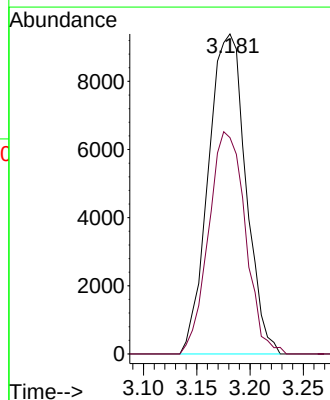
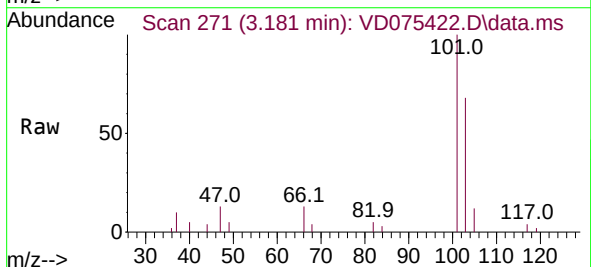
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MSVOA_D
ClientSampleId :
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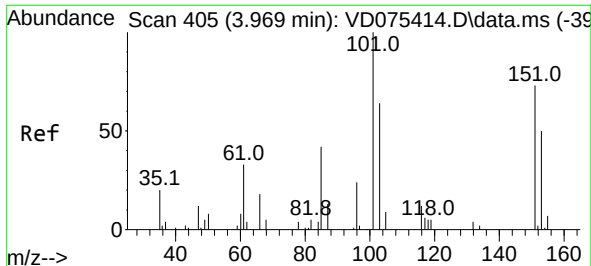
Tgt Ion: 64 Resp: 12736
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 9.770 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion:101 Resp: 23002
Ion Ratio Lower Upper
101 100
103 67.9 50.2 75.2

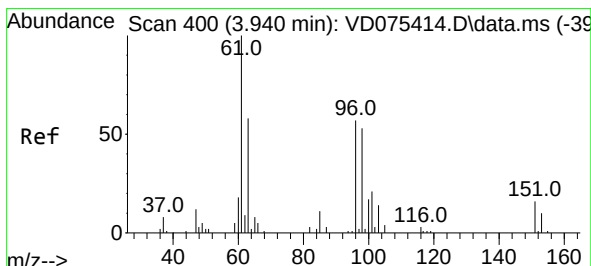
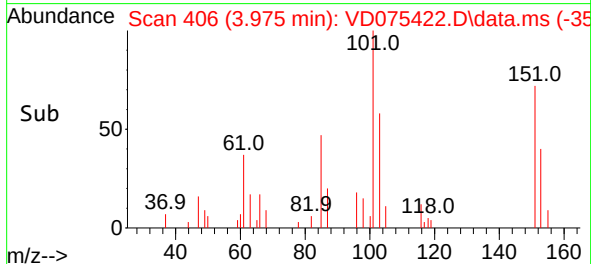
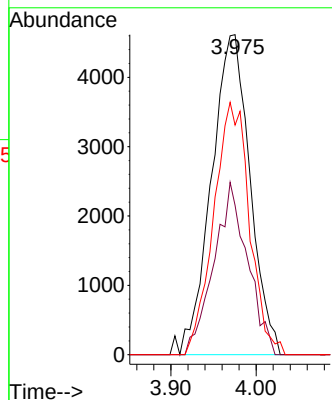
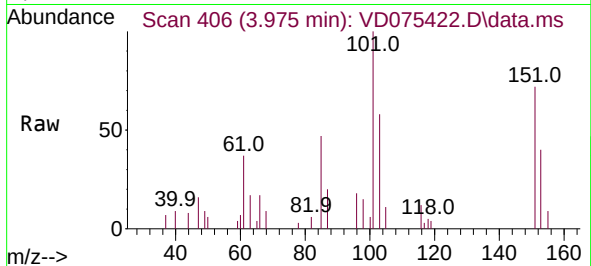




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.252 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075422.D
 Acq: 23 Feb 2023 19:36

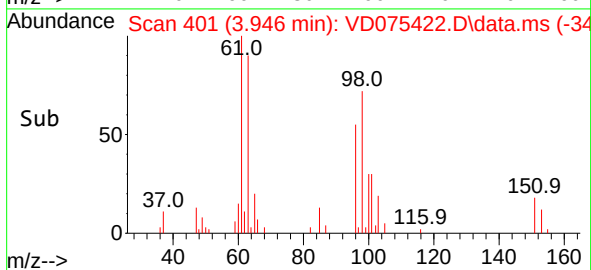
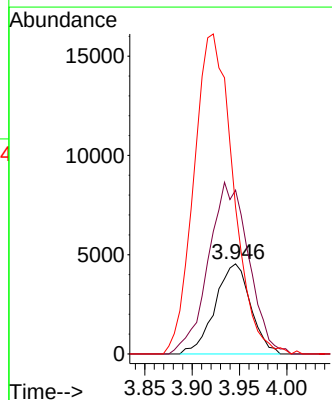
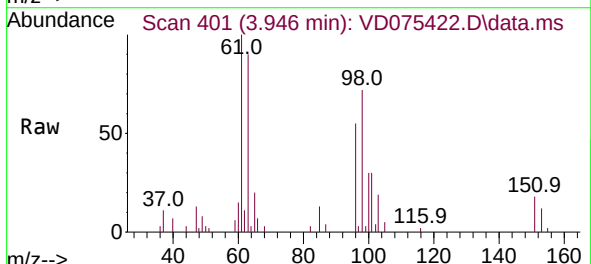
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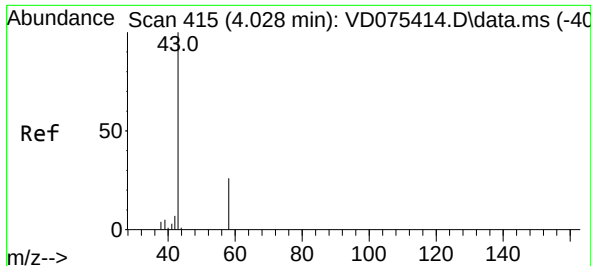
Tgt Ion:101 Resp: 14491
 Ion Ratio Lower Upper
 101 100
 85 47.2 36.7 55.1
 151 73.5 58.2 87.2



#12
 1,1-Dichloroethene
 Concen: 9.744 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075422.D
 Acq: 23 Feb 2023 19:36

Tgt Ion: 96 Resp: 11856
 Ion Ratio Lower Upper
 96 100
 61 181.7 123.8 229.8
 63 162.9 81.3 150.9#





#13

Acetone

Concen: 16.244 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

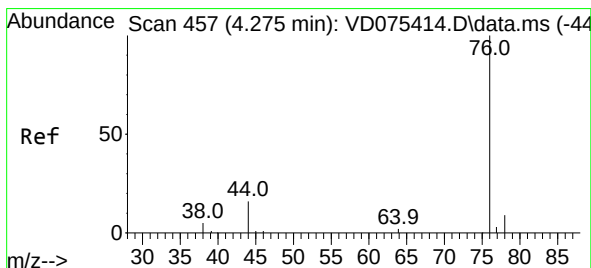
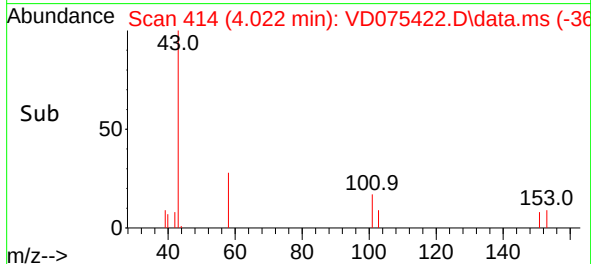
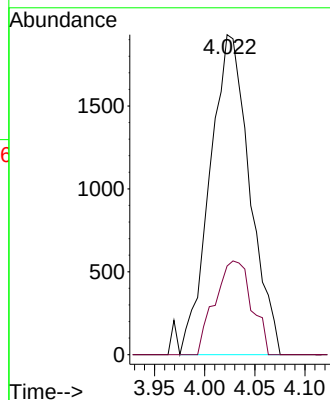
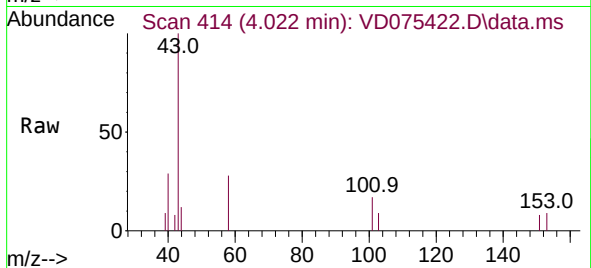
MDL02

Tgt Ion: 43 Resp: 5314

Ion Ratio Lower Upper

43 100

58 25.6 0.0 53.8



#14

Carbon disulfide

Concen: 9.722 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075422.D

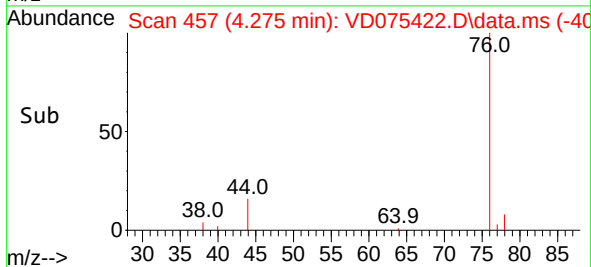
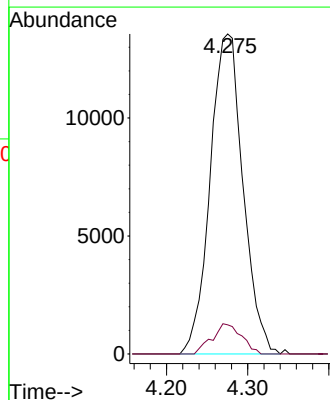
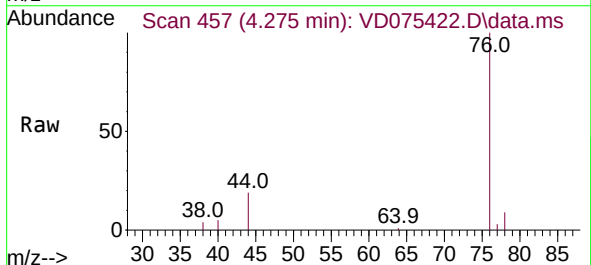
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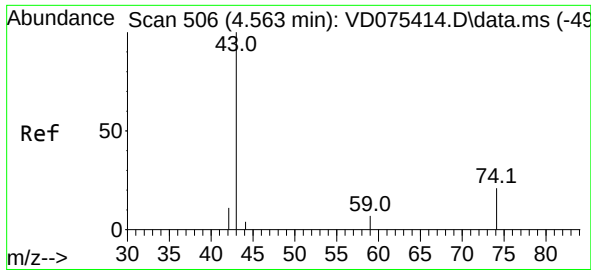
Tgt Ion: 76 Resp: 38136

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

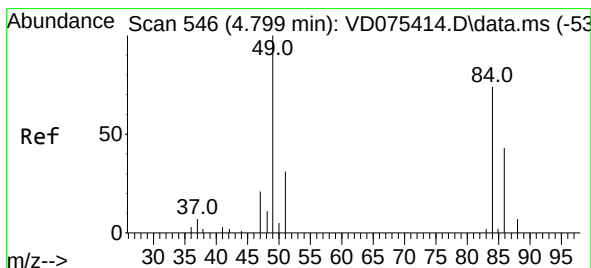
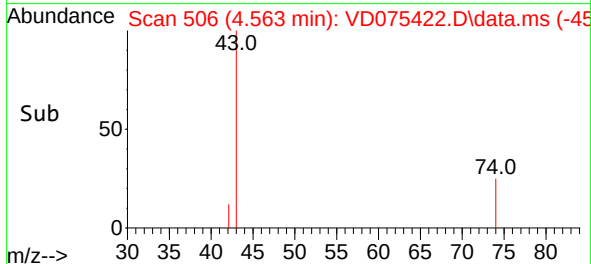
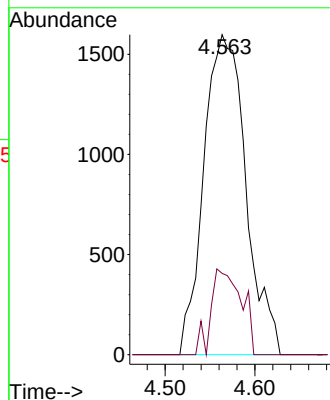
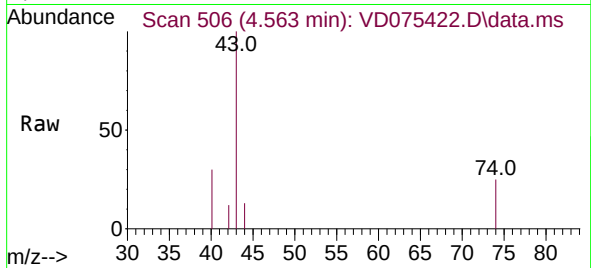




#15
Methyl Acetate
Concen: 10.365 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

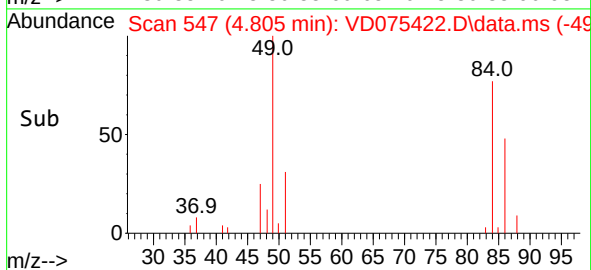
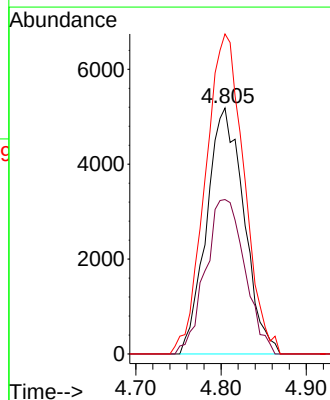
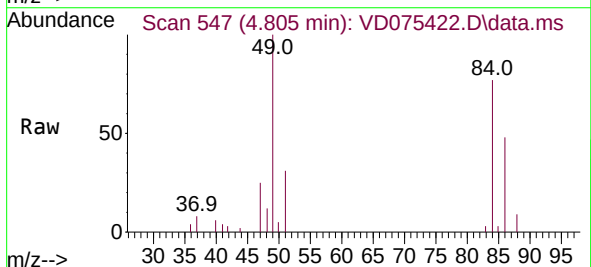
Instrument :
MSVOA_D
ClientSampleId :
MDL02

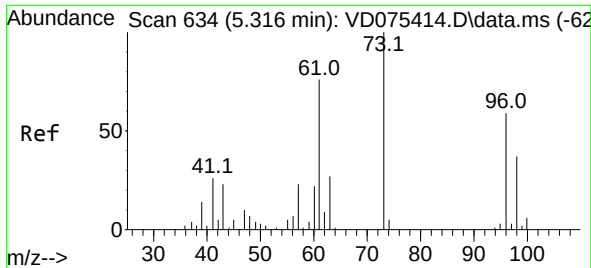
Tgt Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
74 16.1 12.4 18.6



#16
Methylene chloride
Concen: 9.667 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 84 Resp: 15790
Ion Ratio Lower Upper
84 100
86 62.8 41.0 76.2
49 130.1 95.2 176.8

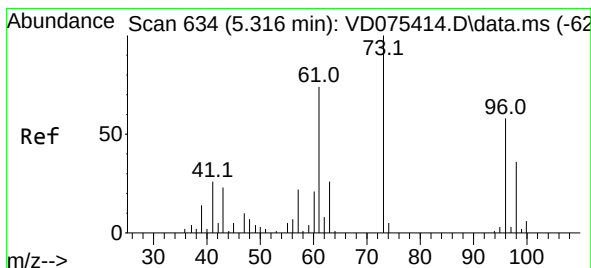
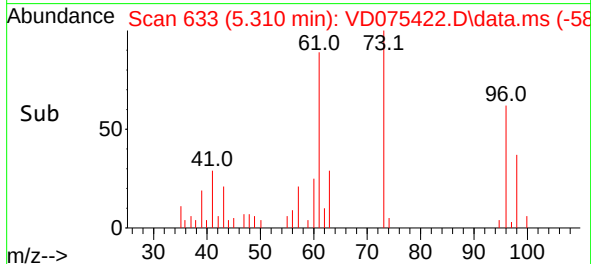
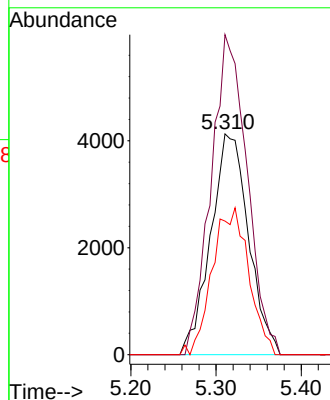
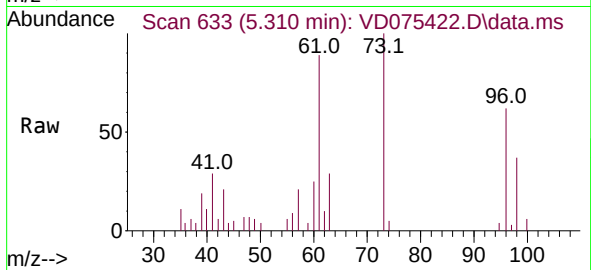




#17
trans-1,2-Dichloroethene
Concen: 10.164 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

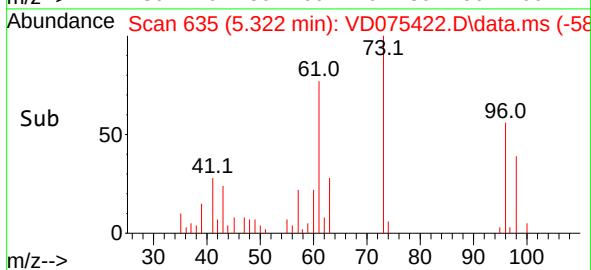
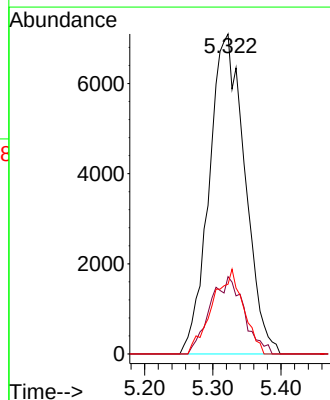
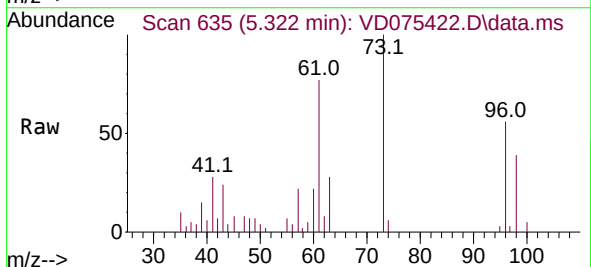
Instrument :
MSVOA_D
ClientSampleId :
MDL02

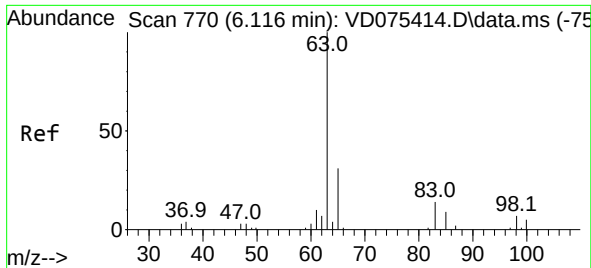
Tgt Ion: 96 Resp: 12747
Ion Ratio Lower Upper
96 100
61 145.0 90.2 167.4
98 60.5 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 10.083 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 73 Resp: 25800
Ion Ratio Lower Upper
73 100
43 12.2 17.8 26.6#
57 23.0 18.0 27.0





#19

1,1-Dichloroethane

Concen: 10.706 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

MDL02

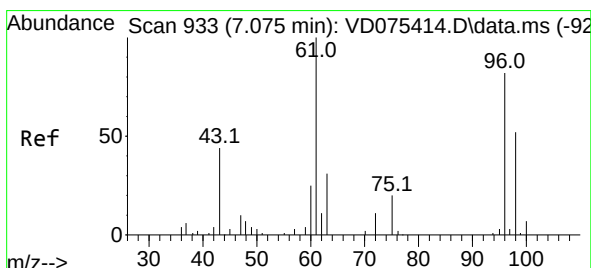
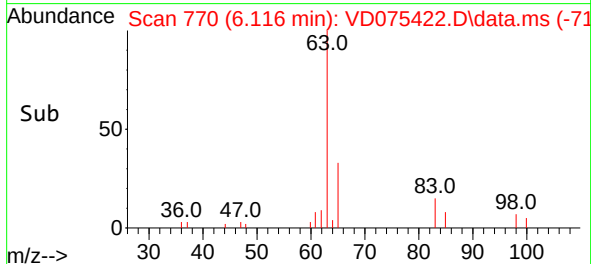
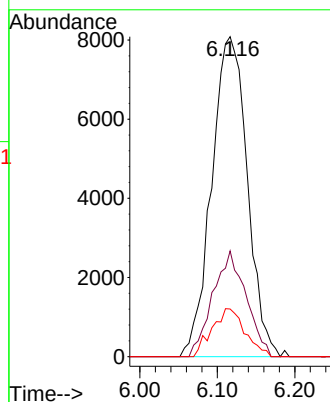
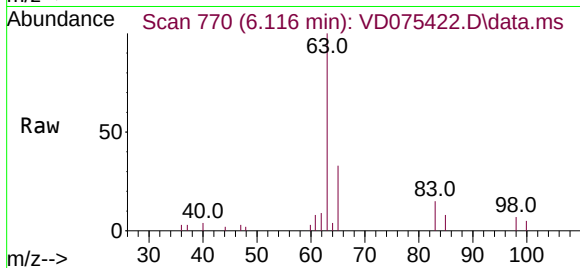
Tgt Ion: 63 Resp: 25860

Ion Ratio Lower Upper

63 100

65 33.1 21.8 40.4

83 14.9 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 10.565 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

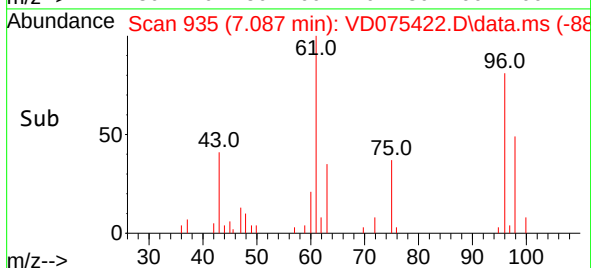
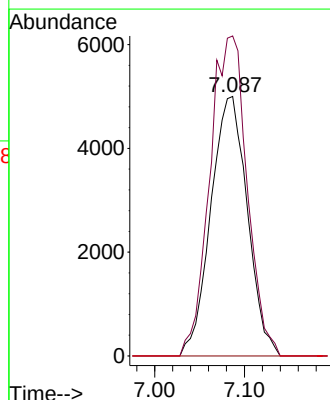
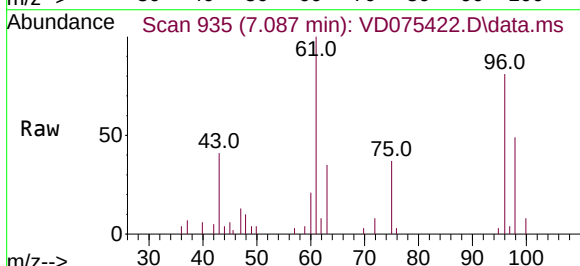
Tgt Ion: 96 Resp: 14144

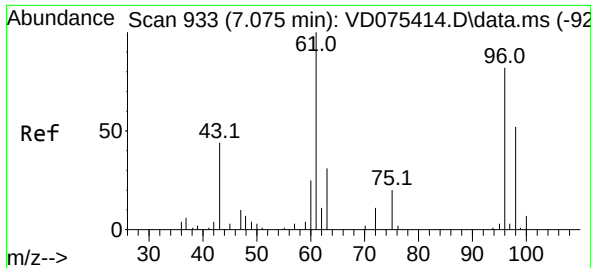
Ion Ratio Lower Upper

96 100

61 123.3 85.3 158.5

68 0.0 0.0 0.0

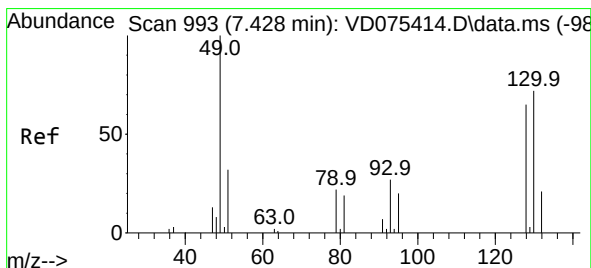
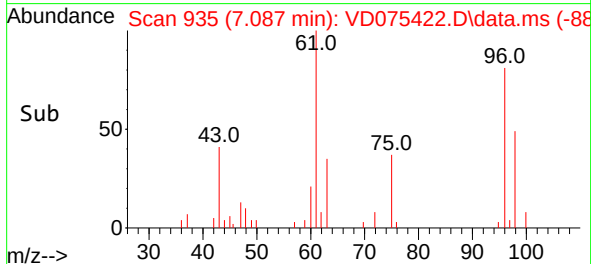
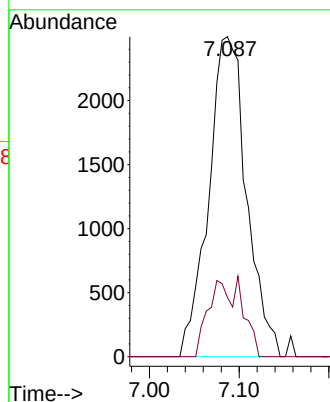
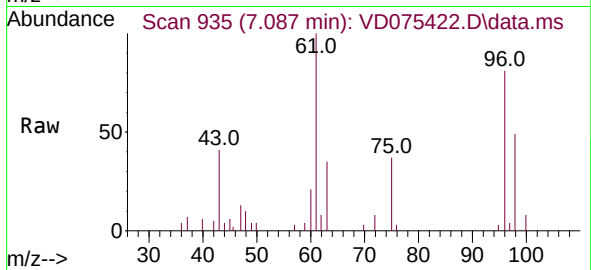




#22
2-Butanone
Concen: 19.276 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

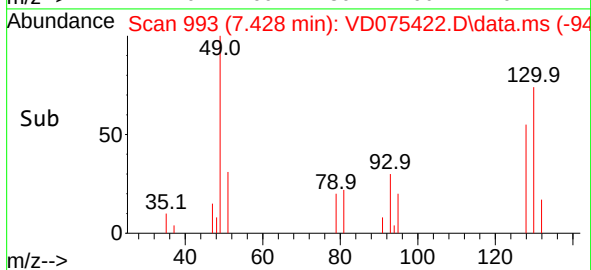
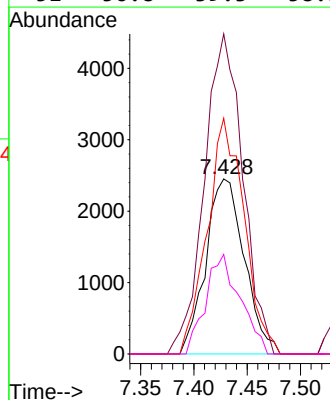
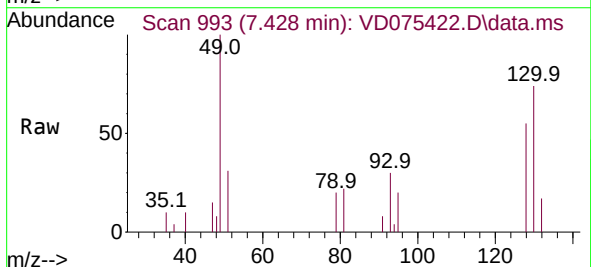
Instrument :
MSVOA_D
ClientSampleId :
MDL02

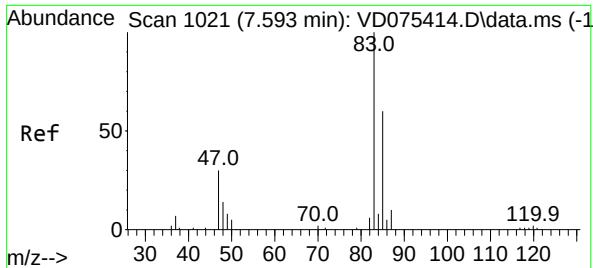
Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
72 6.8 12.8 38.3#



#23
Bromochloromethane
Concen: 10.454 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion:128 Resp: 6194
Ion Ratio Lower Upper
128 100
49 182.7 108.4 201.2
130 134.6 77.9 144.7
51 56.8 39.3 58.9

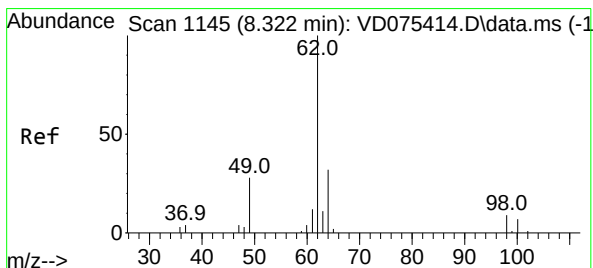
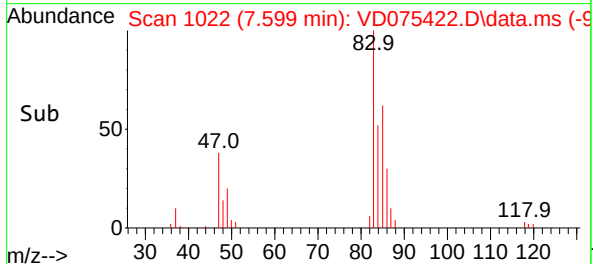
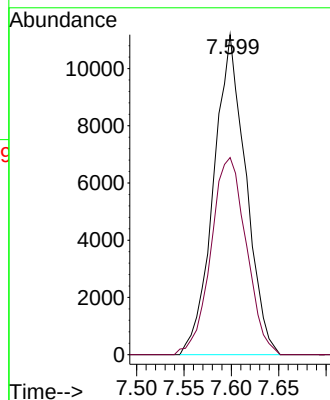
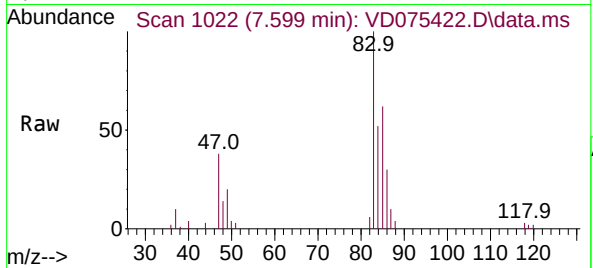




#25
Chloroform
Concen: 10.666 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

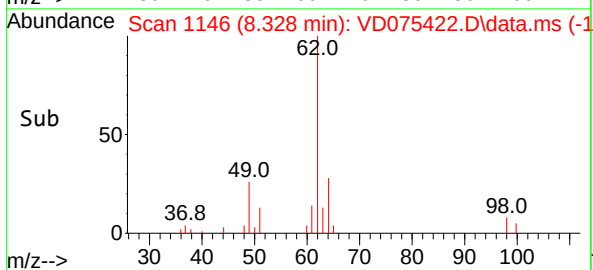
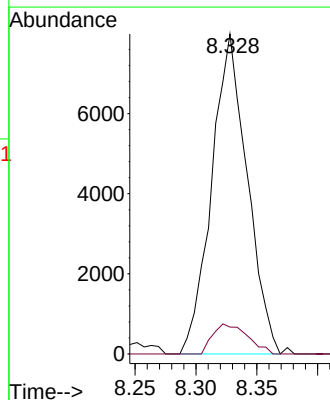
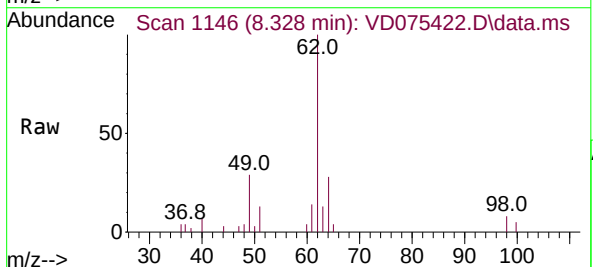
Instrument :
MSVOA_D
ClientSampleId :
MDL02

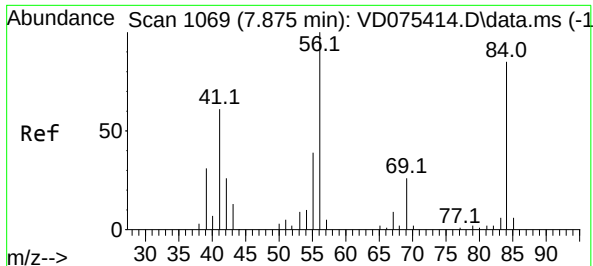
Tgt Ion: 83 Resp: 26436
Ion Ratio Lower Upper
83 100
85 61.6 42.1 78.3



#27
1,2-Dichloroethane
Concen: 10.423 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 62 Resp: 16239
Ion Ratio Lower Upper
62 100
98 8.4 6.8 10.2





#29

Cyclohexane

Concen: 9.480 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

MDL02

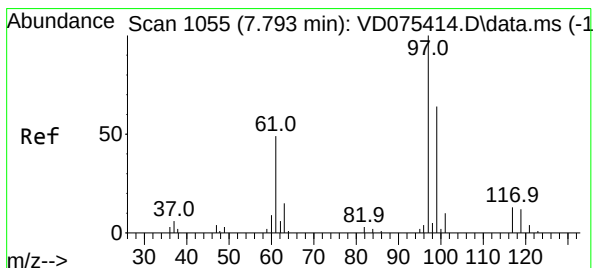
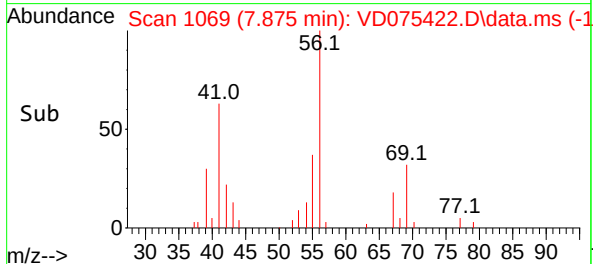
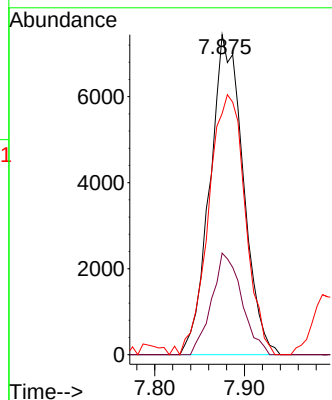
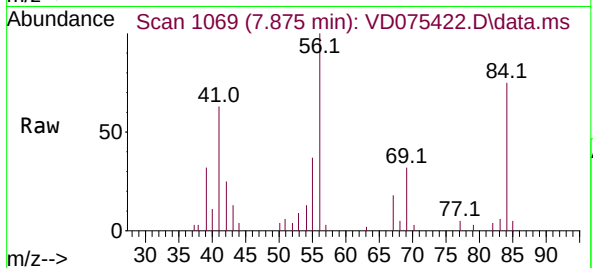
Tgt Ion: 56 Resp: 19185

Ion Ratio Lower Upper

56 100

69 28.7 23.2 34.8

84 88.9 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 10.123 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

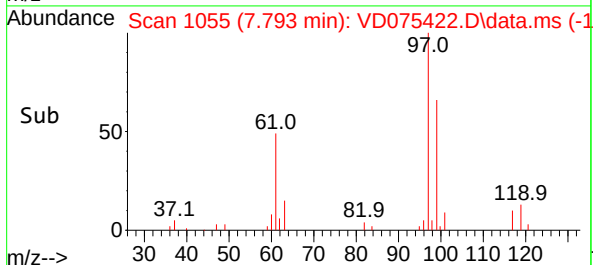
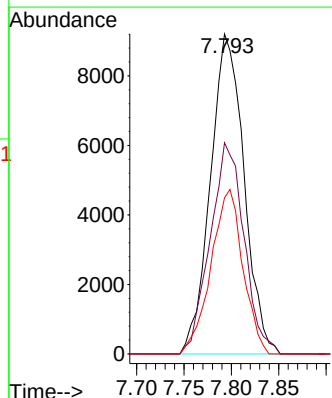
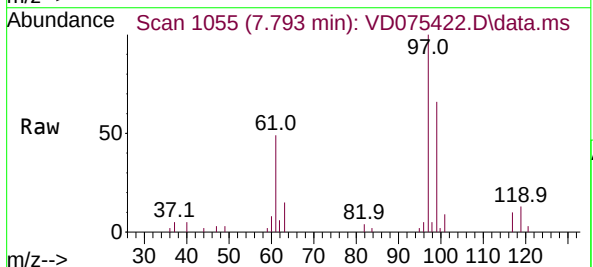
Tgt Ion: 97 Resp: 22754

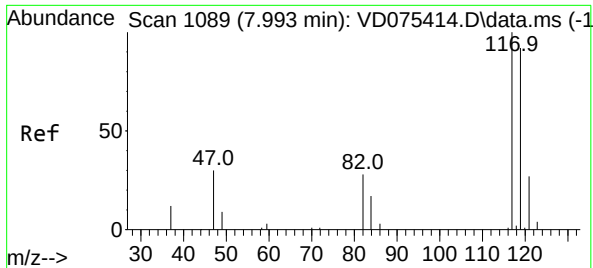
Ion Ratio Lower Upper

97 100

99 66.6 52.6 78.8

61 48.9 37.8 56.8

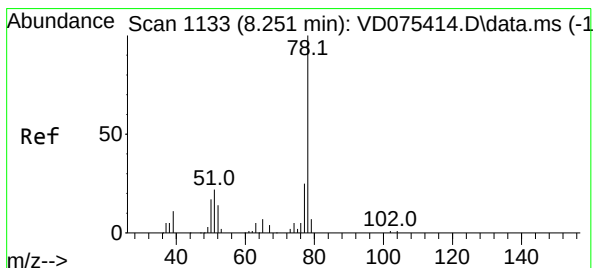
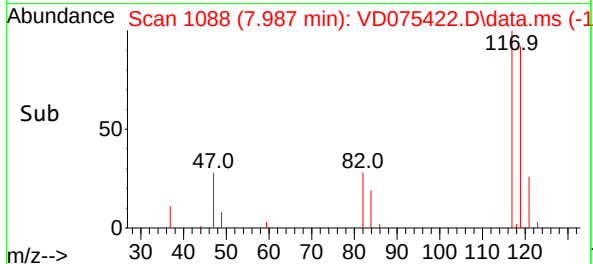
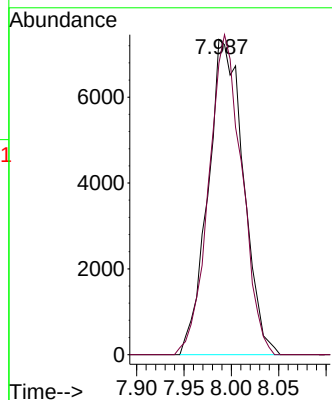
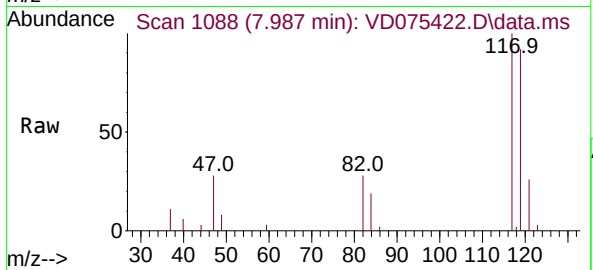




#31
Carbon tetrachloride
Concen: 9.909 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

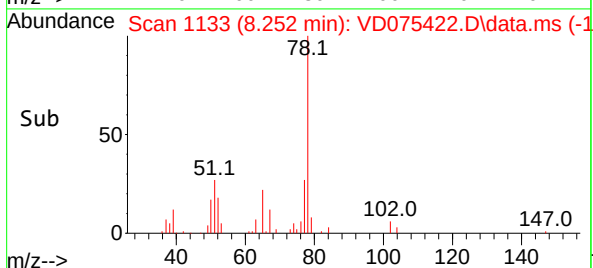
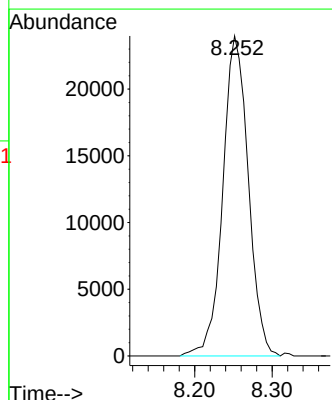
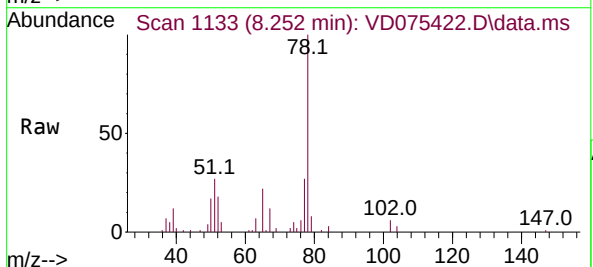
Instrument :
MSVOA_D
ClientSampleId :
MDL02

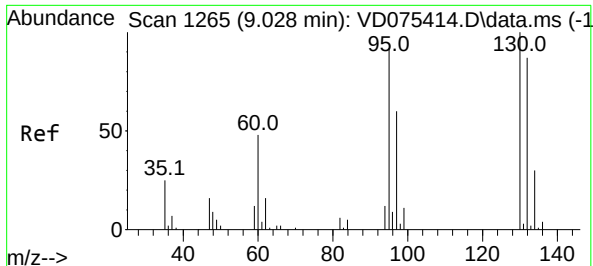
Tgt Ion:117 Resp: 19124
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2



#33
Benzene
Concen: 10.378 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 78 Resp: 54974



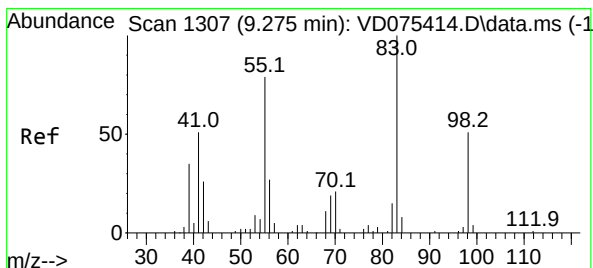
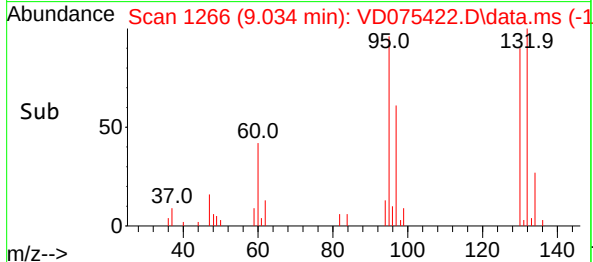
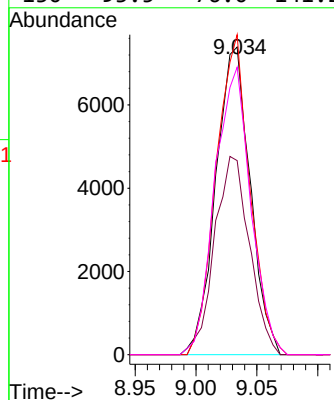
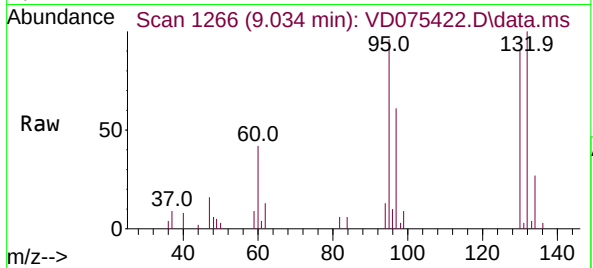


#34
Trichloroethene
Concen: 10.316 ug/L
RT: 9.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Instrument :
MSVOA_D
ClientSampleId :
MDL02

Tgt Ion: 95 Resp: 14528

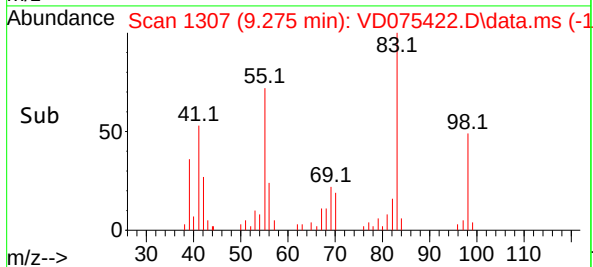
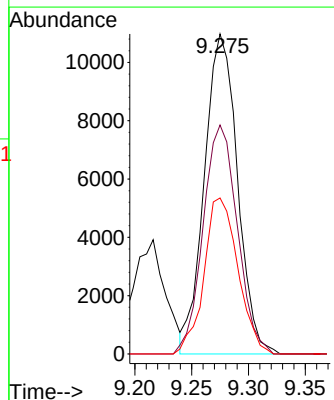
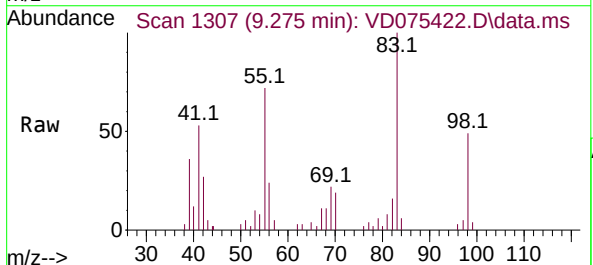
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.4	84.4
132	104.0	65.9	122.3
130	93.5	76.0	141.2

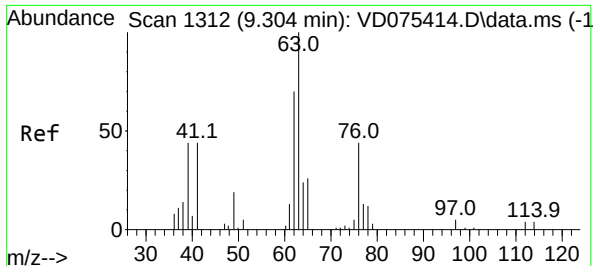


#35
Methylcyclohexane
Concen: 9.873 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 83 Resp: 22275

Ion	Ratio	Lower	Upper
83	100		
55	73.9	60.6	90.8
98	49.9	39.6	59.4

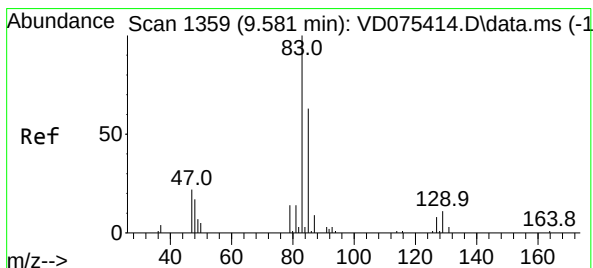
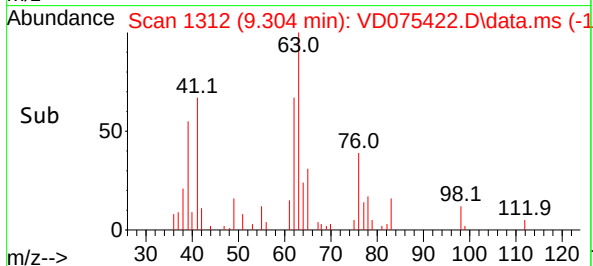
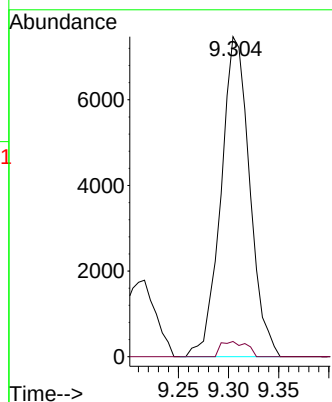
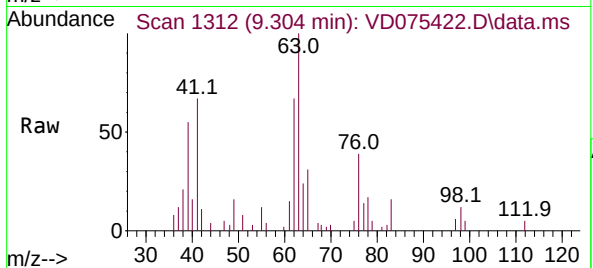




#37
1,2-Dichloropropane
Concen: 10.802 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

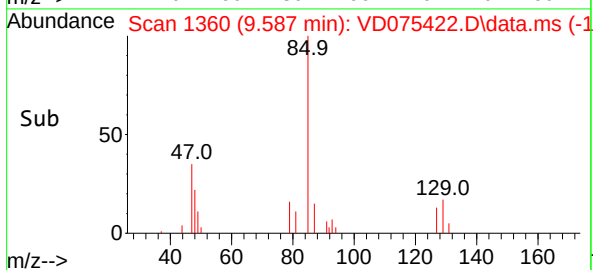
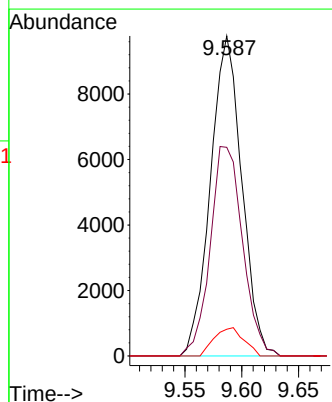
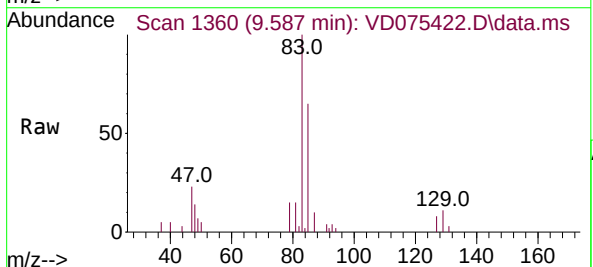
Instrument :
MSVOA_D
ClientSampleId :
MDL02

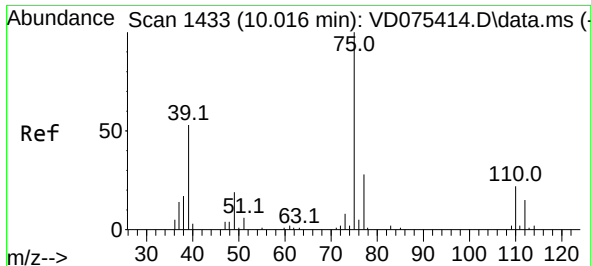
Tgt Ion: 63 Resp: 14914
Ion Ratio Lower Upper
63 100
112 3.0 3.5 5.3#



#38
Bromodichloromethane
Concen: 10.502 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 83 Resp: 18758
Ion Ratio Lower Upper
83 100
85 65.2 43.9 81.5
127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 10.534 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

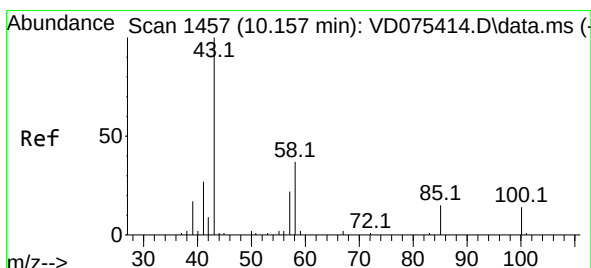
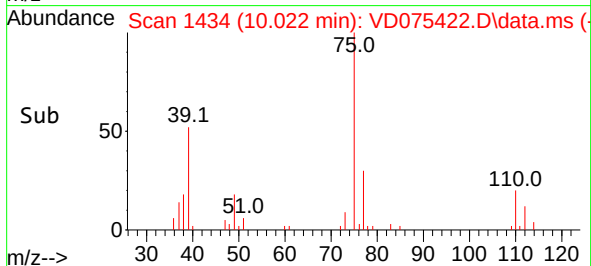
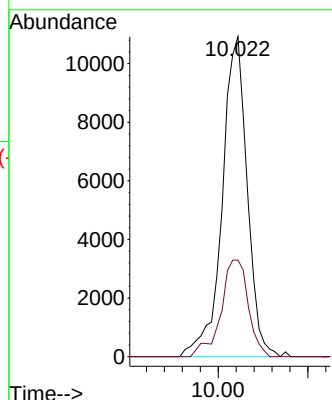
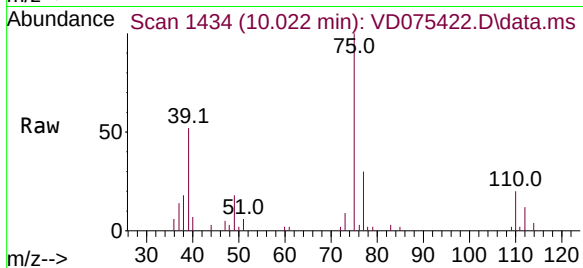
MDL02

Tgt Ion: 75 Resp: 21108

Ion Ratio Lower Upper

75 100

77 30.2 19.3 35.9



#40

4-Methyl-2-pentanone

Concen: 19.322 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

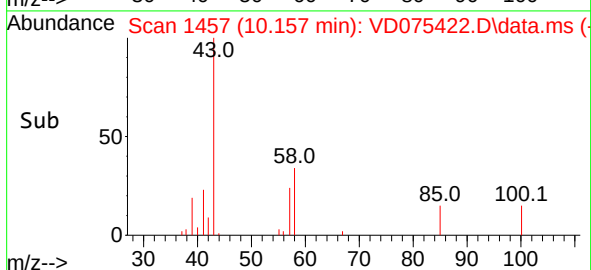
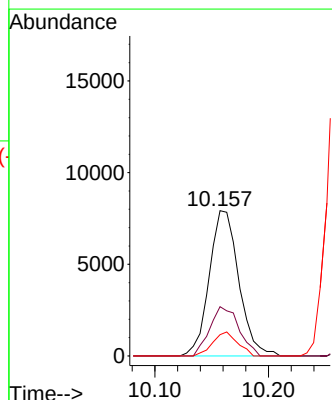
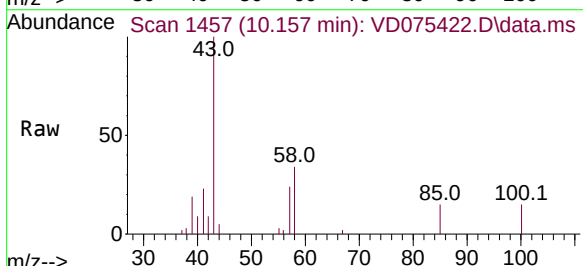
Tgt Ion: 43 Resp: 14334

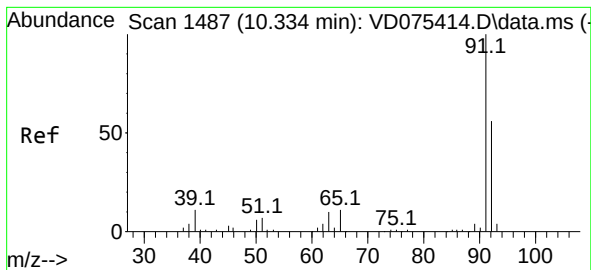
Ion Ratio Lower Upper

43 100

58 33.4 29.5 44.3

100 13.8 11.4 17.2





#42

Toluene

Concen: 10.521 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

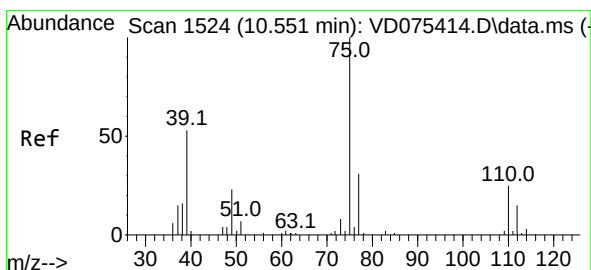
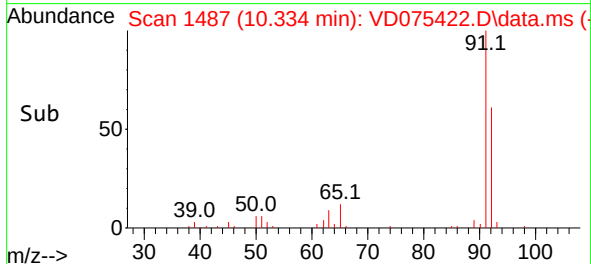
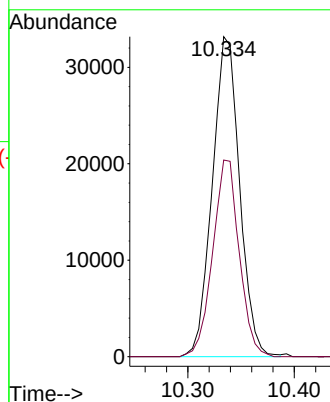
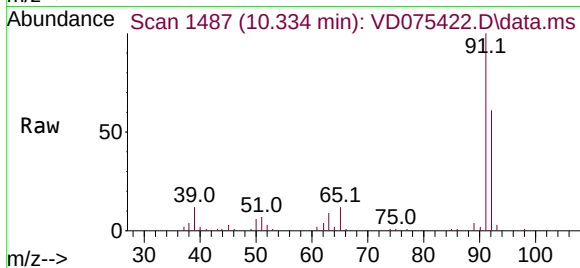
MDL02

Tgt Ion: 91 Resp: 59036

Ion Ratio Lower Upper

91 100

92 61.5 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 10.312 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075422.D

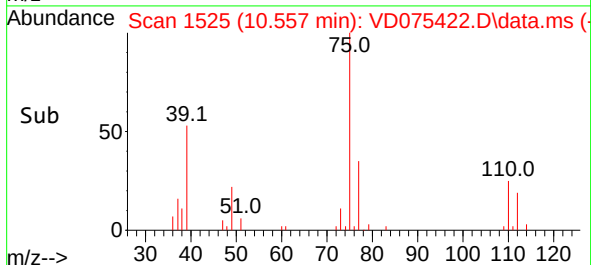
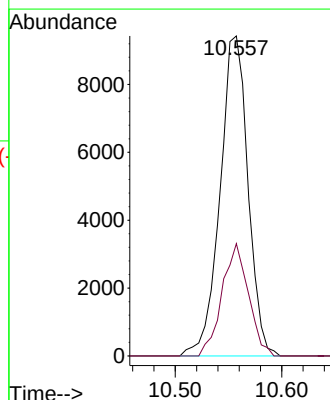
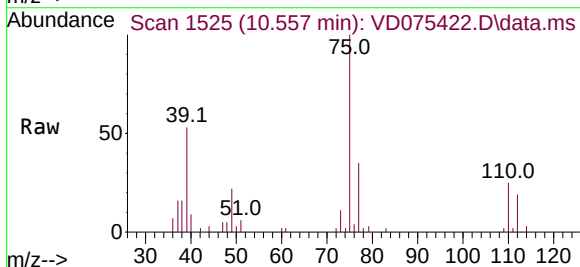
Acq: 23 Feb 2023 19:36

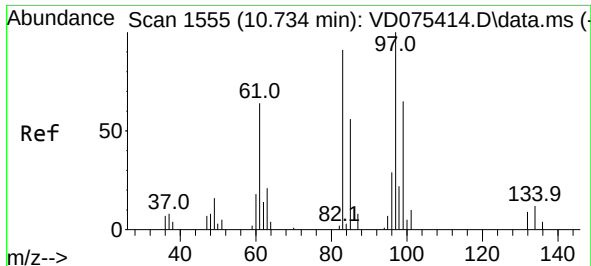
Tgt Ion: 75 Resp: 17189

Ion Ratio Lower Upper

75 100

77 35.1 21.4 39.8

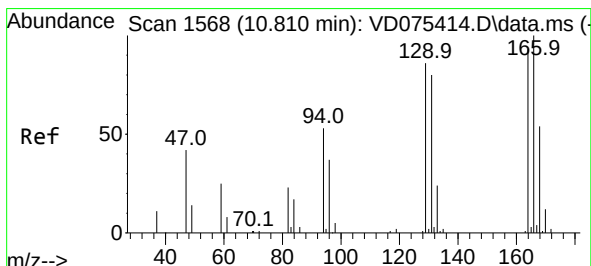
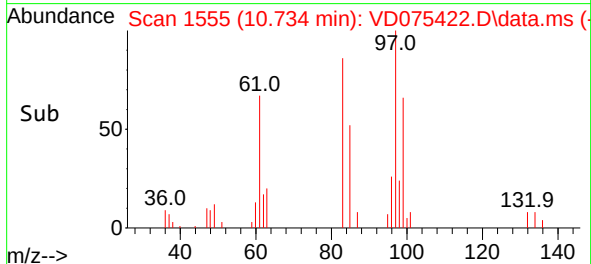
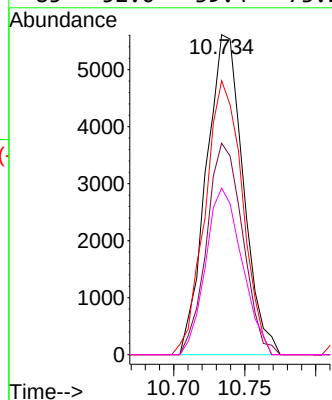
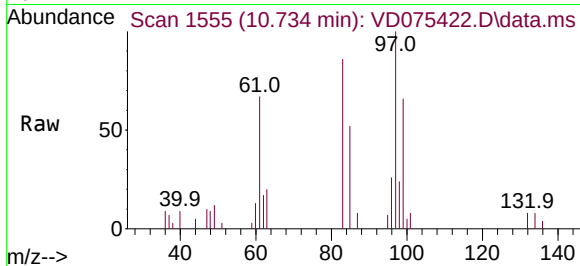




#45
1,1,2-Trichloroethane
Concen: 10.552 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

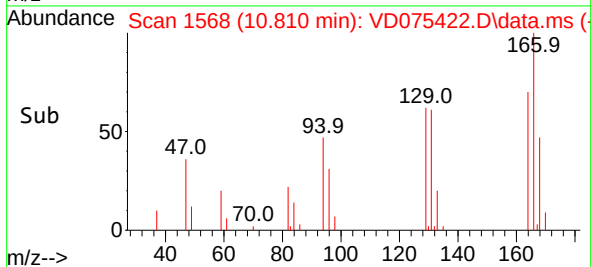
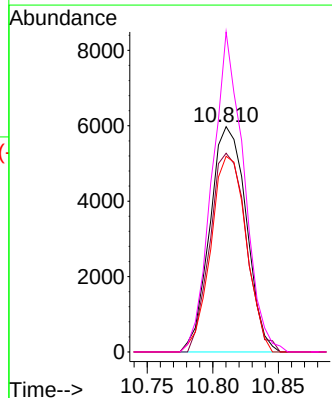
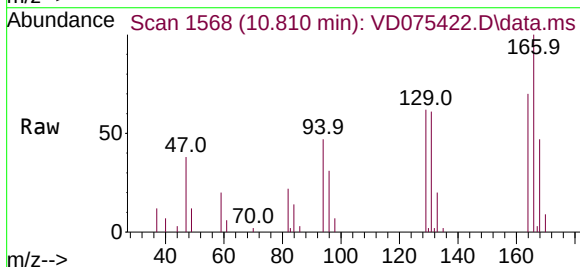
Instrument :
MSVOA_D
ClientSampleId :
MDL02

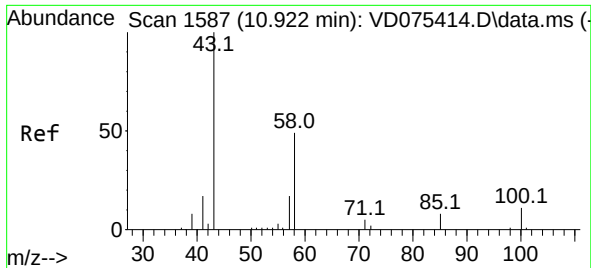
Tgt Ion: 97	Resp: 10179
Ion Ratio	Lower Upper
97 100	
99 66.1	45.4 84.2
83 85.6	63.8 118.6
85 52.0	39.4 73.2



#46
Tetrachloroethene
Concen: 10.409 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt	Ion:164	Resp:	11566
Ion	Ratio	Lower	Upper
164	100		
129	88.2	64.8	120.4
131	86.8	60.1	111.5
166	142.0	75.7	140.5#

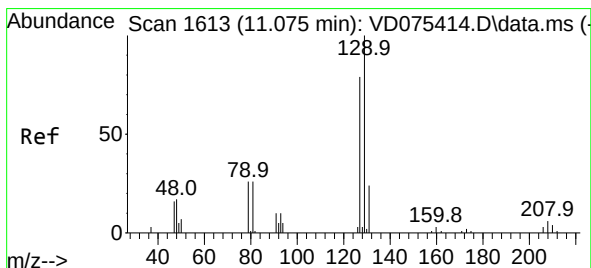
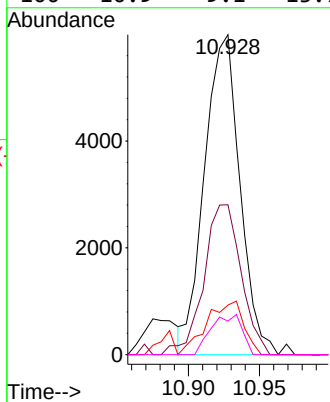
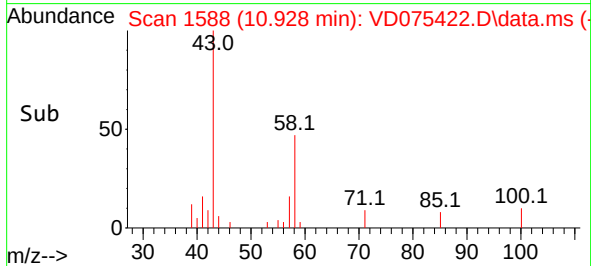
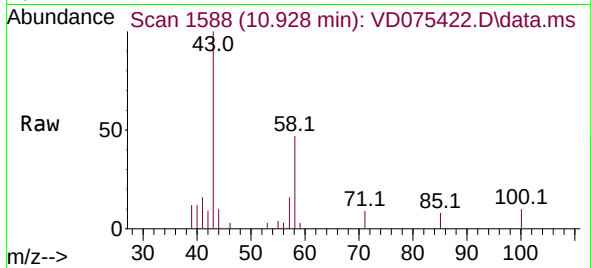




#48
2-Hexanone
Concen: 18.916 ug/L
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

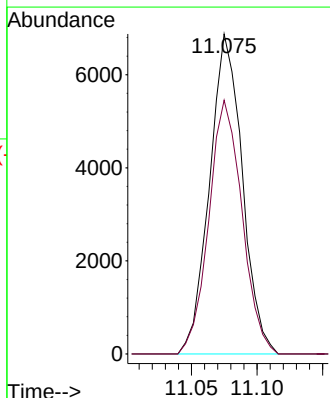
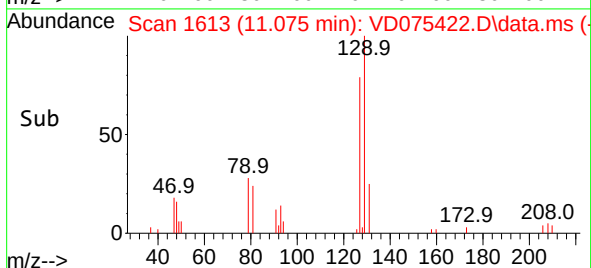
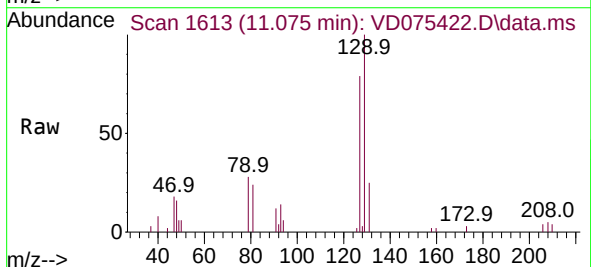
Instrument :
MSVOA_D
ClientSampleId :
MDL02

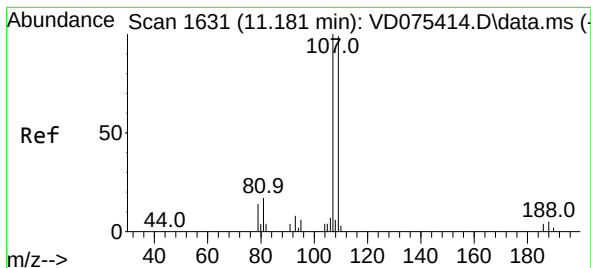
Tgt Ion: 43	Resp: 10383
Ion Ratio	Lower Upper
43 100	
58 48.3	40.3 60.5
57 17.6	13.4 20.0
100 10.9	9.1 13.7



#49
Dibromochloromethane
Concen: 10.525 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion:129	Resp: 11936		
Ion Ratio	Lower	Upper	
129 100			
127 79.3	55.3	102.7	





#50

1,2-Dibromoethane

Concen: 10.296 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

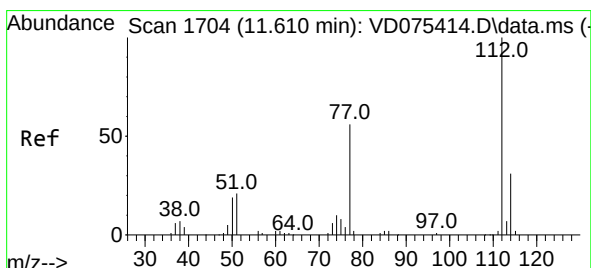
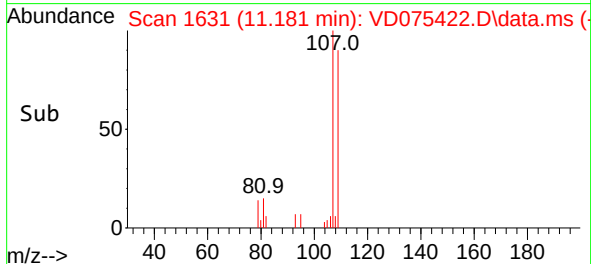
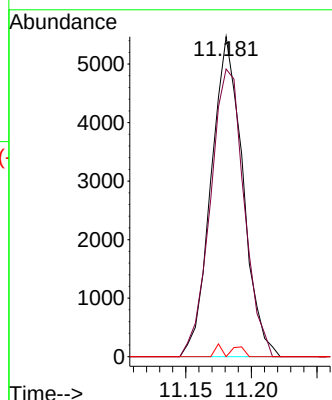
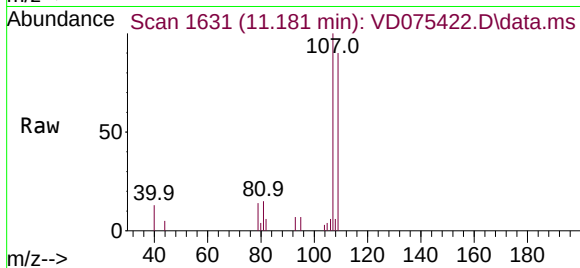
Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion:	107	Resp:	9178
Ion	Ratio	Lower	Upper
107	100		
109	89.9	69.6	129.2
188	0.0	3.8	5.6#



#51

Chlorobenzene

Concen: 10.337 ug/L

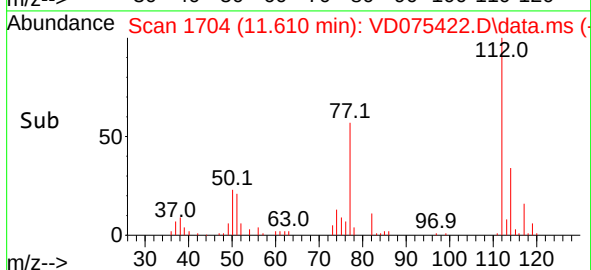
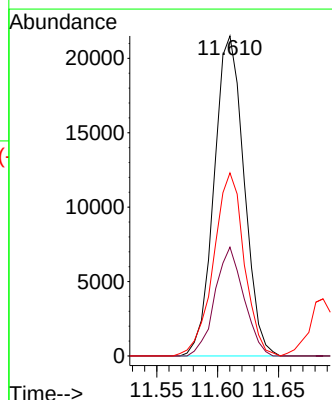
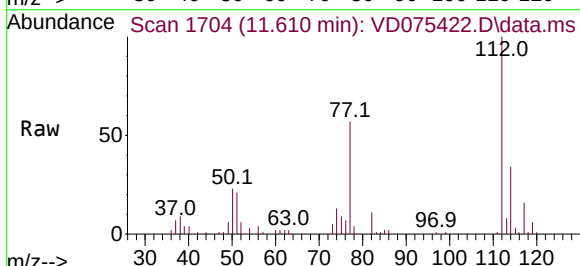
RT: 11.610 min Scan# 1704

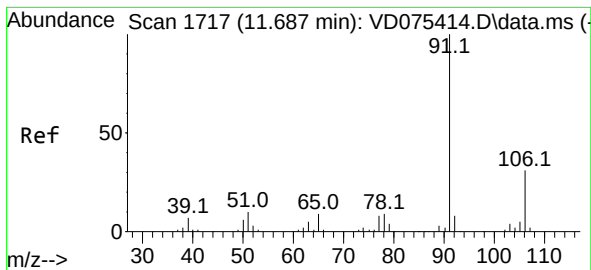
Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Tgt Ion:	112	Resp:	36786
Ion	Ratio	Lower	Upper
112	100		
114	34.0	21.4	39.8
77	57.2	45.1	67.7

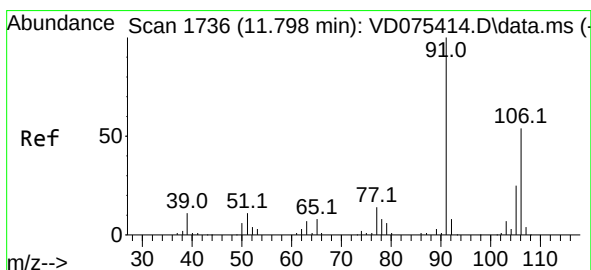
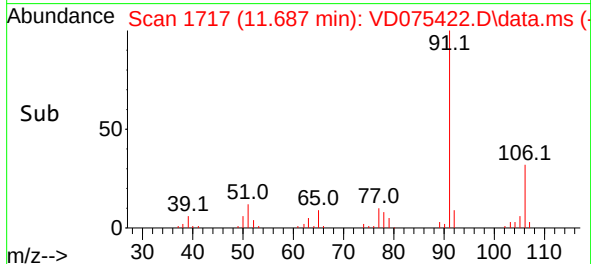
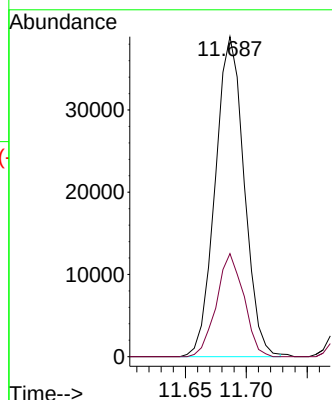
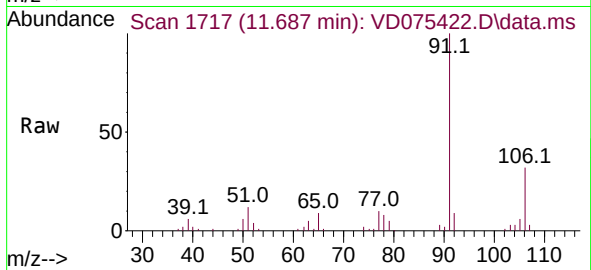




#52
Ethylbenzene
Concen: 10.397 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

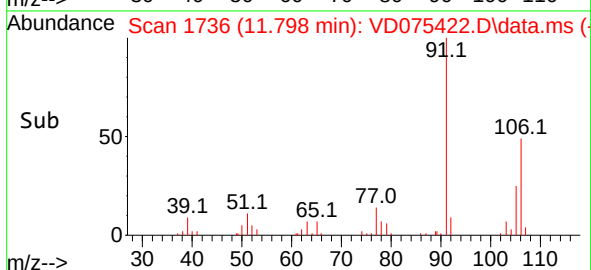
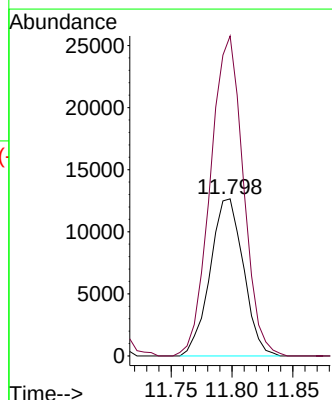
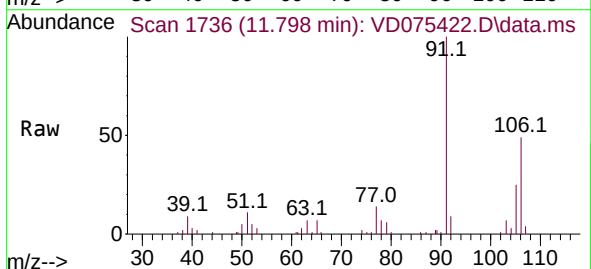
Instrument :
MSVOA_D
ClientSampleId :
MDL02

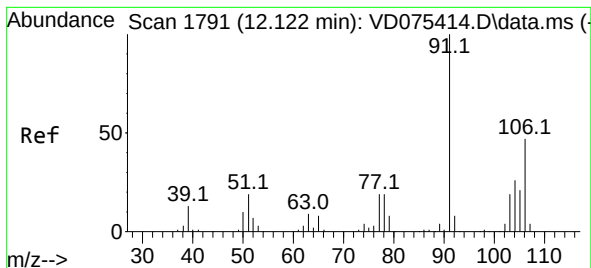
Tgt Ion: 91 Resp: 64451
Ion Ratio Lower Upper
91 100
106 32.2 21.8 40.6



#53
m,p-Xylene
Concen: 10.318 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion:106 Resp: 24118
Ion Ratio Lower Upper
106 100
91 203.7 131.2 243.6





#54

o-Xylene

Concen: 10.201 ug/L

RT: 12.128 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

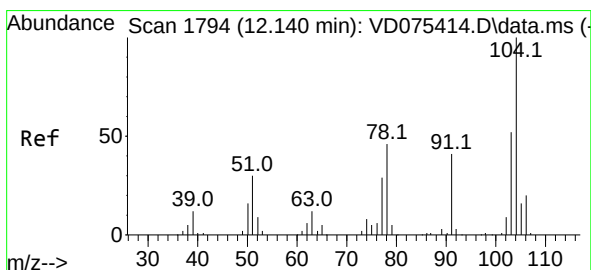
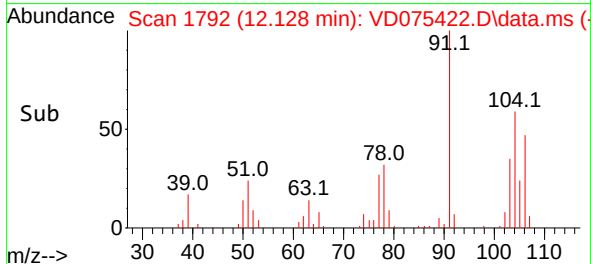
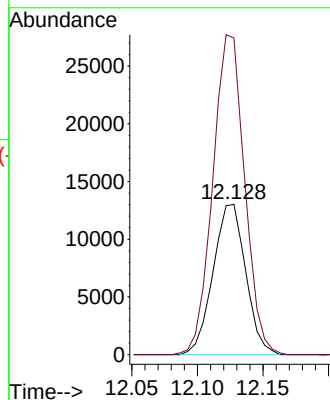
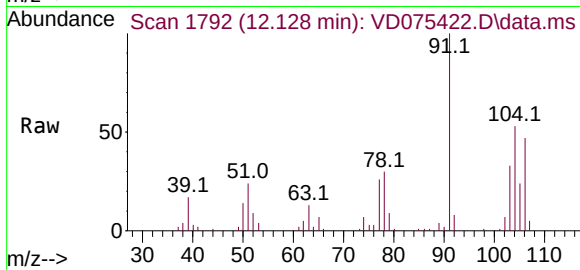
MDL02

Tgt Ion:106 Resp: 22542

Ion Ratio Lower Upper

106 100

91 210.7 147.7 274.3



#55

Styrene

Concen: 10.338 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD075422.D

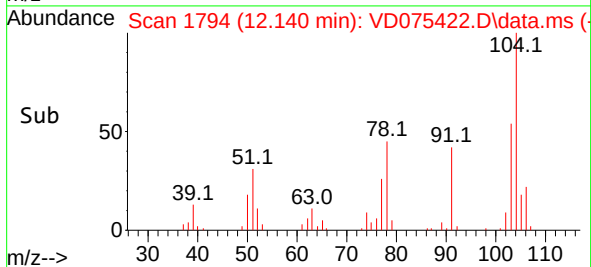
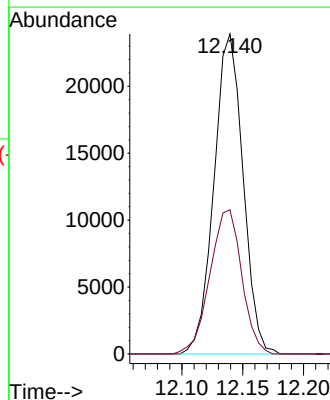
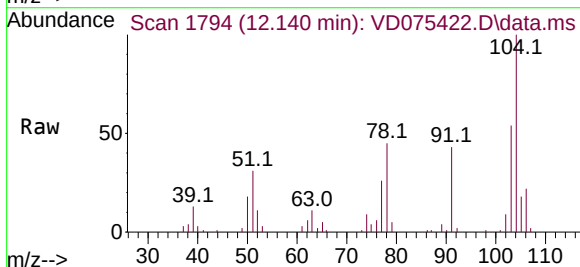
Acq: 23 Feb 2023 19:36

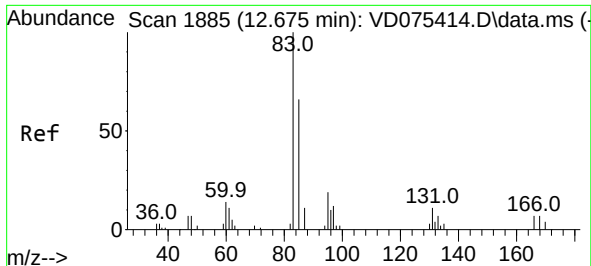
Tgt Ion:104 Resp: 39692

Ion Ratio Lower Upper

104 100

78 45.0 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 10.715 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

MDL02

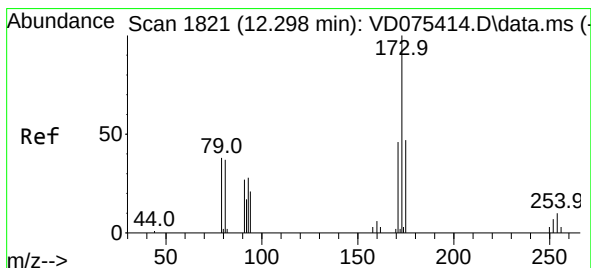
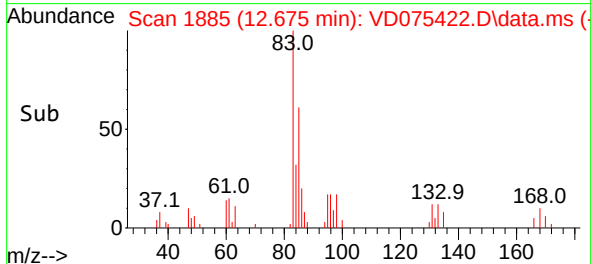
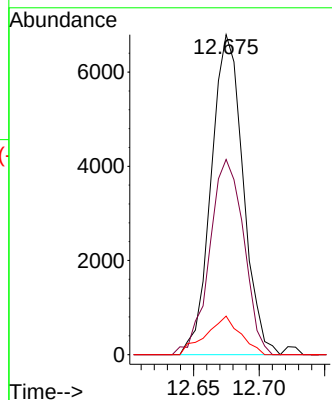
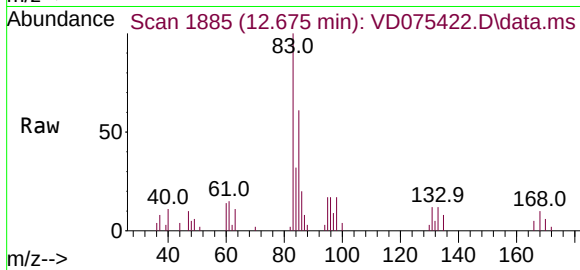
Tgt Ion: 83 Resp: 11483

Ion Ratio Lower Upper

83 100

85 61.0 45.9 85.3

131 12.0 9.0 13.6



#59

Bromoform

Concen: 10.399 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

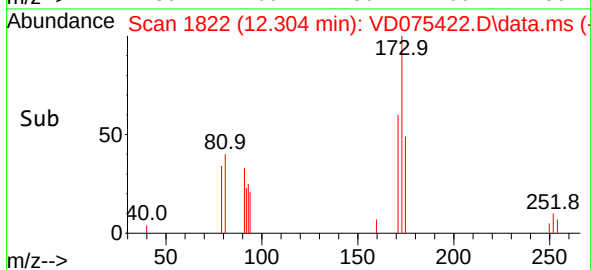
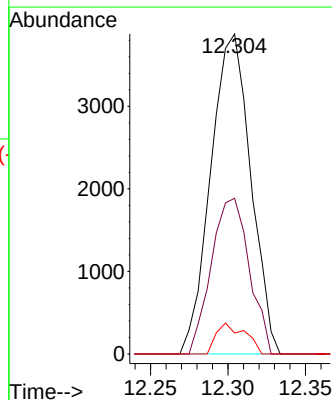
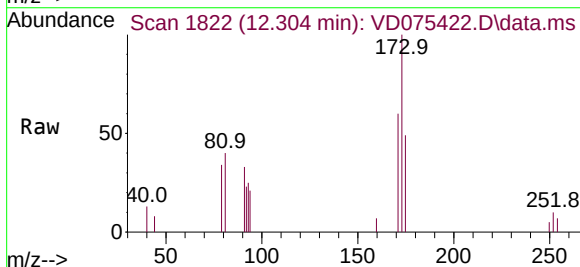
Tgt Ion:173 Resp: 6960

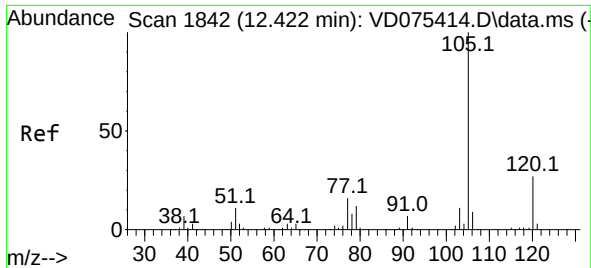
Ion Ratio Lower Upper

173 100

175 46.2 37.7 56.5

254 6.9 7.0 10.4#

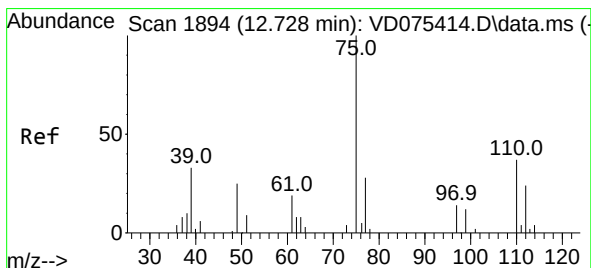
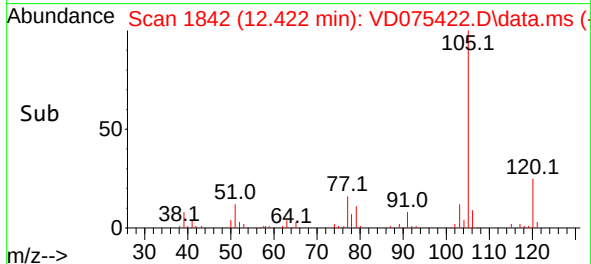
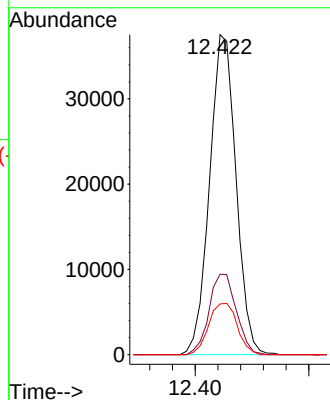
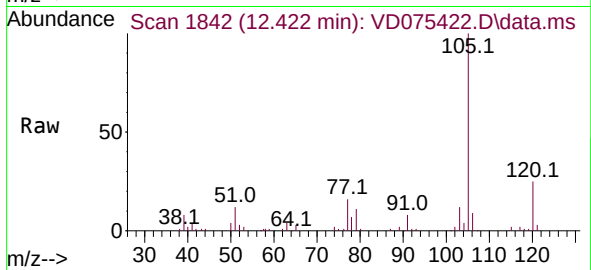




#60
Isopropylbenzene
Concen: 10.007 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

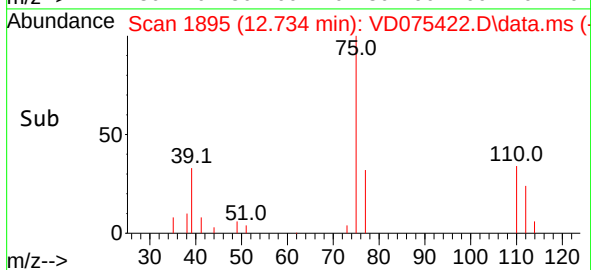
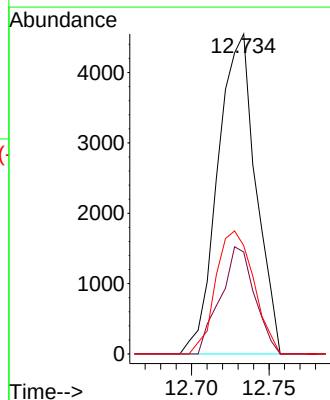
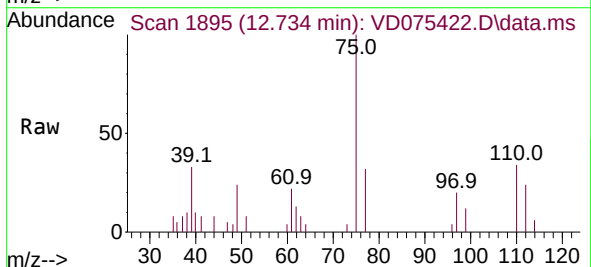
Instrument :
MSVOA_D
ClientSampleId :
MDL02

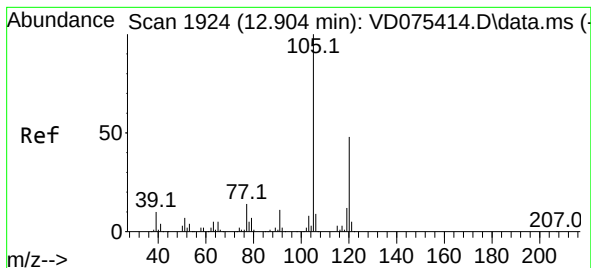
Tgt Ion:105 Resp: 60782
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 17.3 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 10.871 ug/L
RT: 12.734 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion: 75 Resp: 7757
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8
110 38.4 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 9.975 ug/L

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

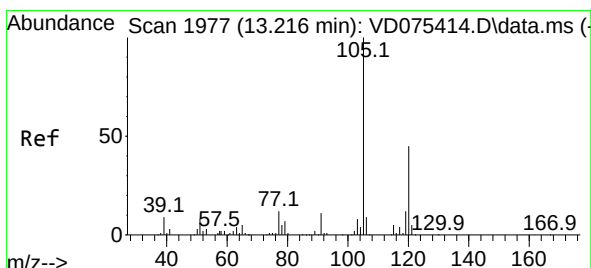
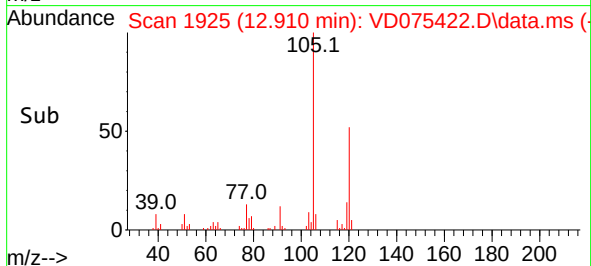
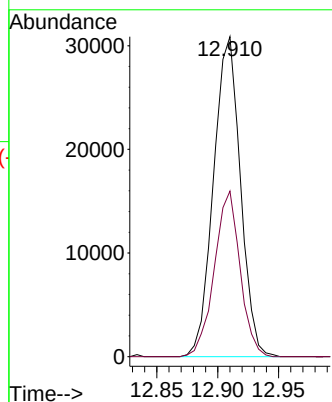
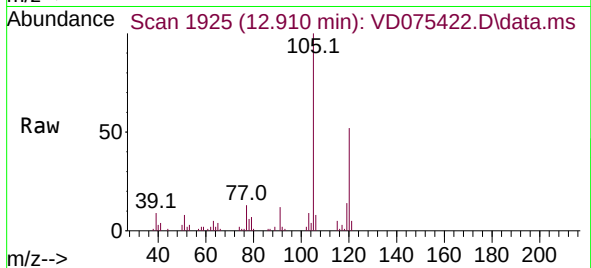
MDL02

Tgt Ion:105 Resp: 47473

Ion Ratio Lower Upper

105 100

120 49.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 10.239 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075422.D

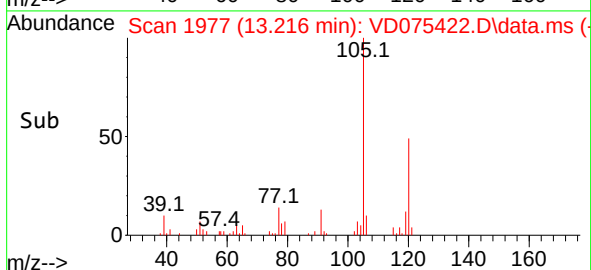
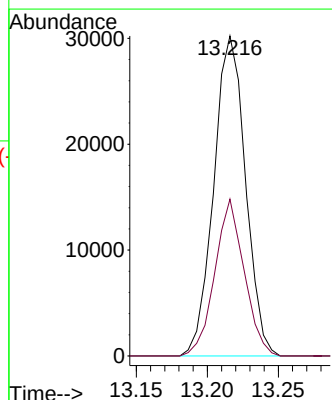
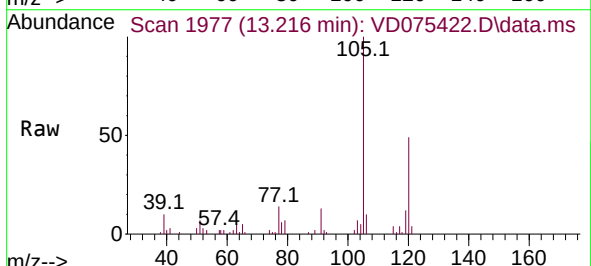
Acq: 23 Feb 2023 19:36

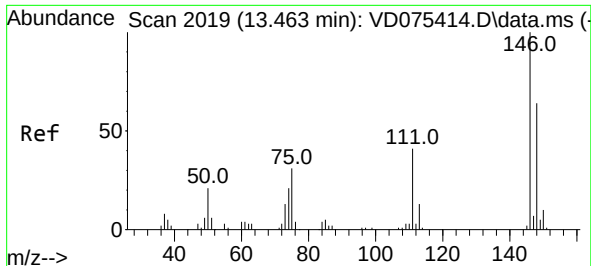
Tgt Ion:105 Resp: 46977

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5

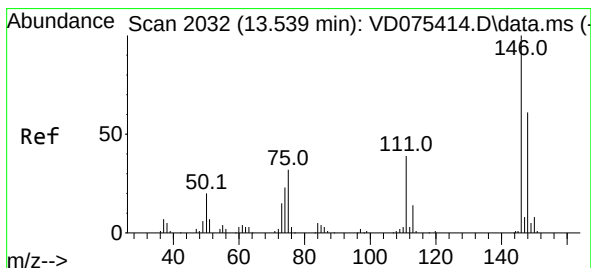
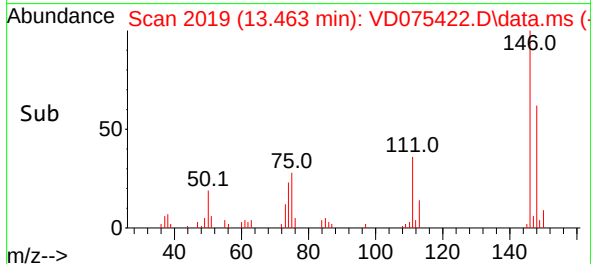
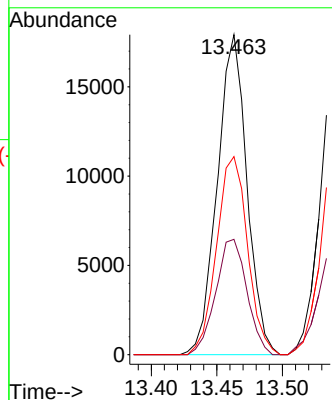
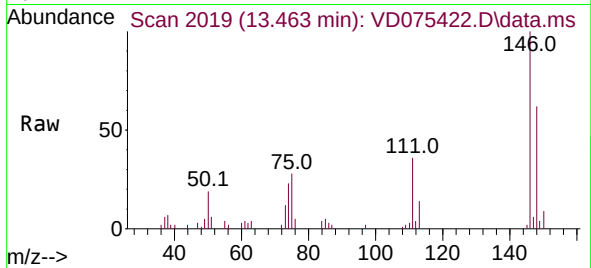




#64
1,3-Dichlorobenzene
Concen: 10.653 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

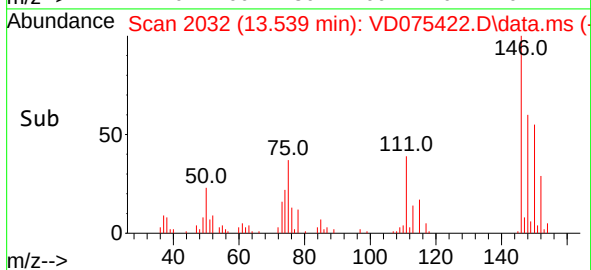
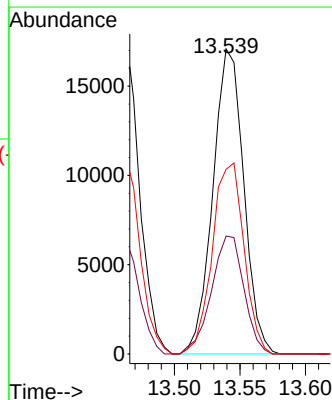
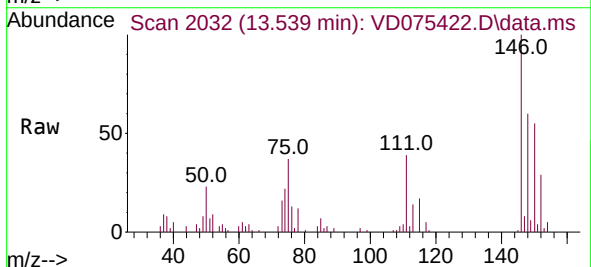
Instrument :
MSVOA_D
ClientSampleId :
MDL02

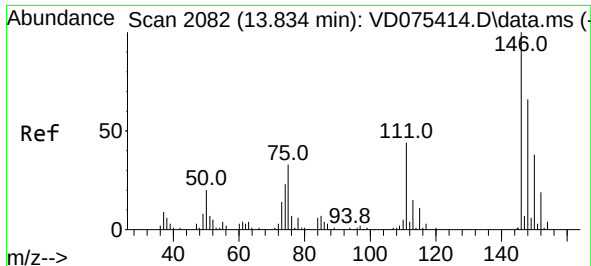
Tgt Ion:146 Resp: 28162
Ion Ratio Lower Upper
146 100
111 36.0 28.8 53.4
148 61.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 10.360 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion:146 Resp: 27953
Ion Ratio Lower Upper
146 100
111 38.6 27.9 51.7
148 60.5 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 10.935 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

MDL02

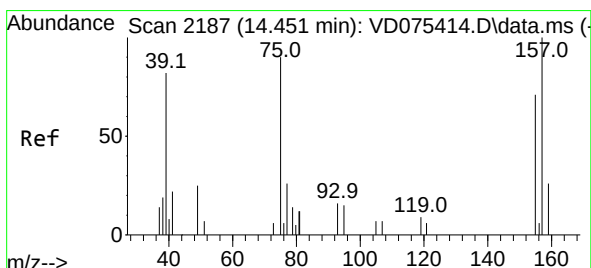
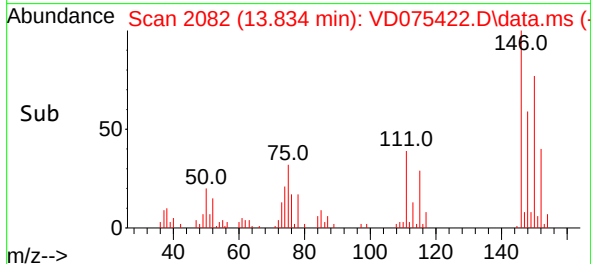
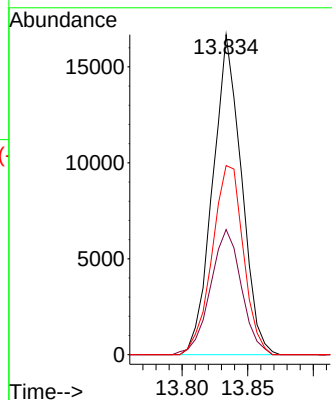
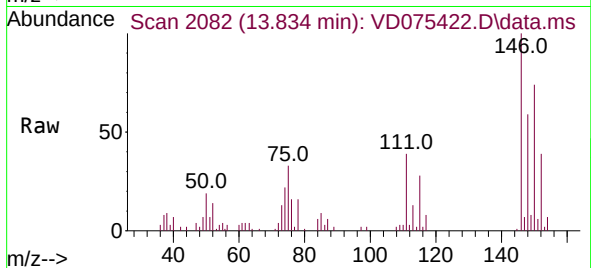
Tgt Ion:146 Resp: 25342

Ion Ratio Lower Upper

146 100

111 39.1 35.0 52.6

148 59.1 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 12.229 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

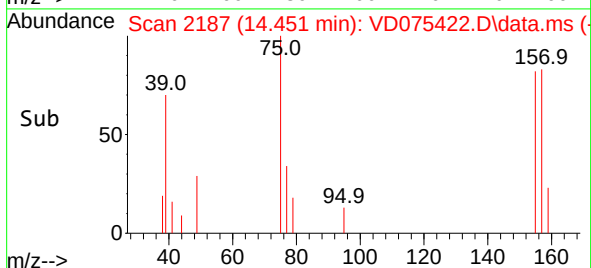
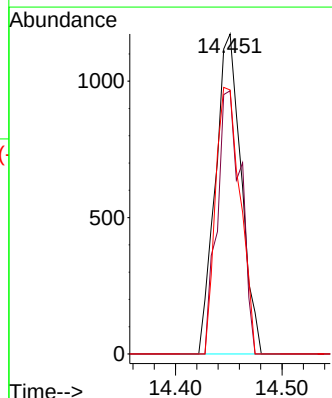
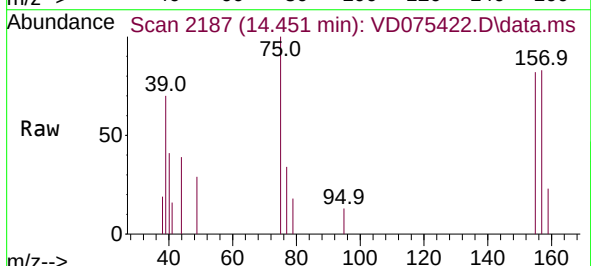
Tgt Ion: 75 Resp: 1966

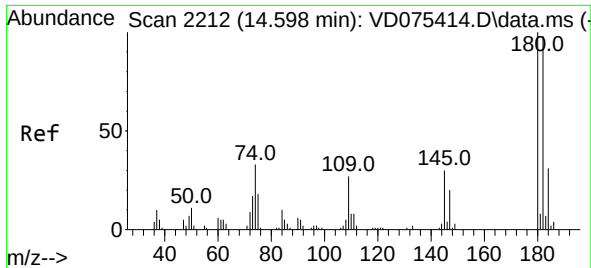
Ion Ratio Lower Upper

75 100

155 82.3 63.1 94.7

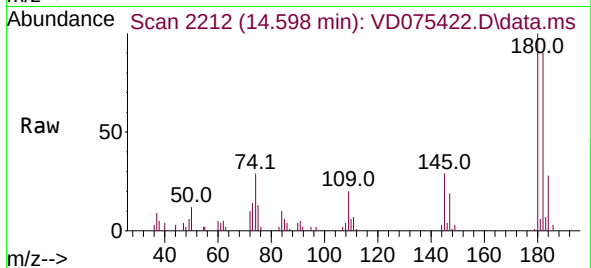
157 82.5 89.2 133.8#



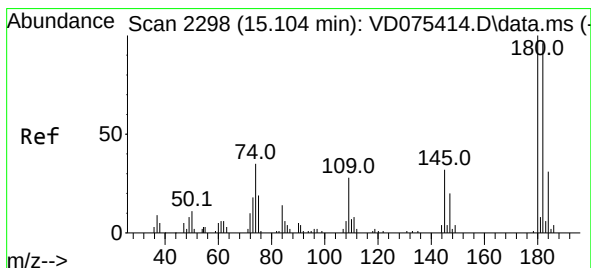
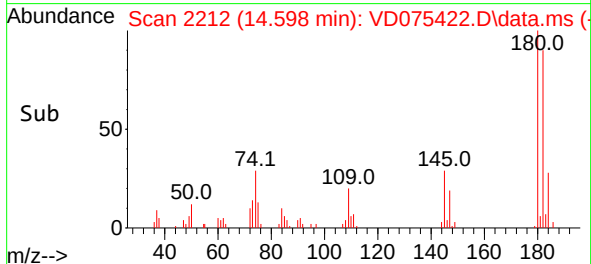
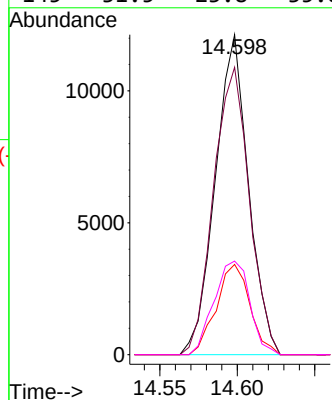


#69
1,3,5-Trichlorobenzene
Concen: 10.362 ug/L
RT: 14.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Instrument :
MSVOA_D
ClientSampleId :
MDL02

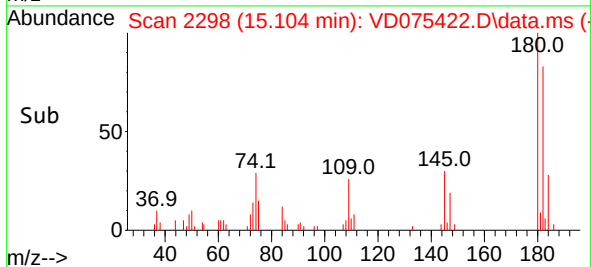
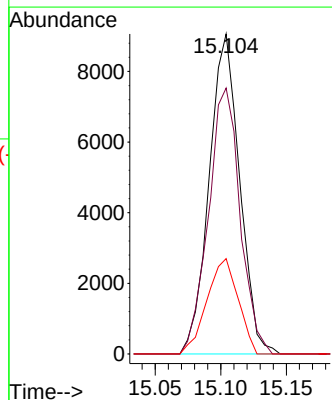
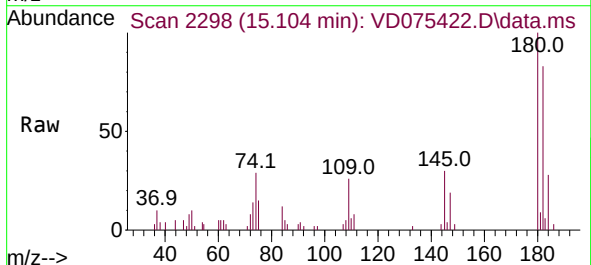


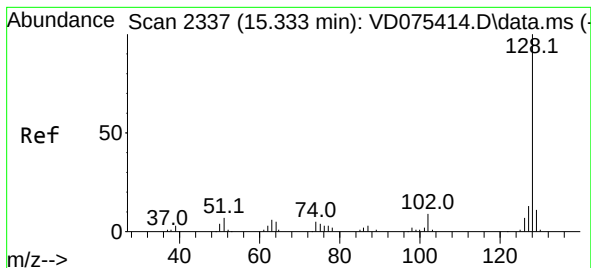
Tgt Ion:180 Resp: 18056
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.6
184 28.7 23.8 35.6
145 31.5 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 10.458 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075422.D
Acq: 23 Feb 2023 19:36

Tgt Ion:180 Resp: 14662
Ion Ratio Lower Upper
180 100
182 86.0 77.1 115.7
145 30.5 23.8 35.6





#71

Naphthalene

Concen: 9.543 ug/L

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Instrument :

MSVOA_D

ClientSampleId :

MDL02

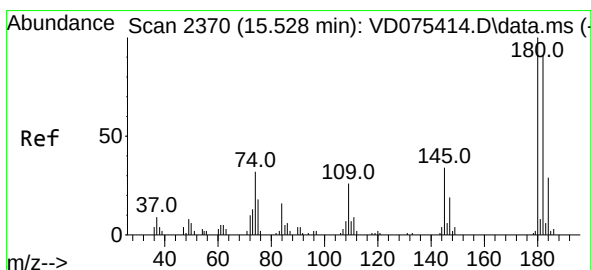
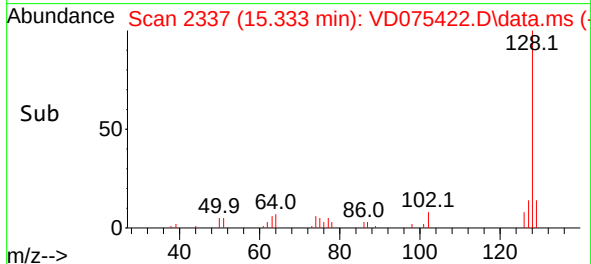
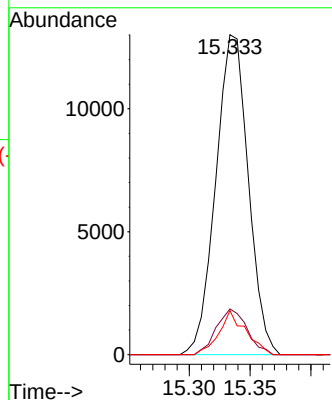
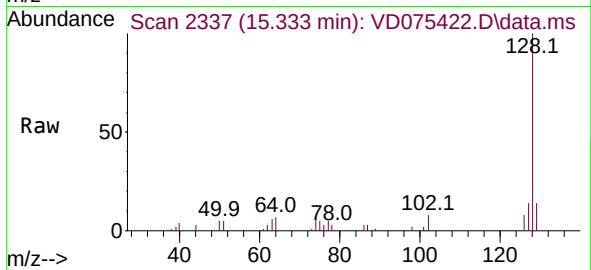
Tgt Ion:128 Resp: 24188

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 10.569 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD075422.D

Acq: 23 Feb 2023 19:36

Tgt Ion:180 Resp: 12778

Ion Ratio Lower Upper

180 100

182 91.9 75.4 113.2

145 33.2 26.6 39.8

