

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075439.D
 Acq On : 02 Mar 2023 13:01
 Operator : KP/SY
 Sample : MDL03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

Quant Time: Mar 03 05:03:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	290616	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	112228	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	144260	19.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	2.805	69	134640	21.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
11) 1,1-Dichloroethene-d2	3.922	63	103690	15.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.520%
21) 2-Butanone-d5	6.987	46	29842	44.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.260%
24) Chloroform-d	7.575	84	169412	22.244	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	8.234	65	75477	22.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.204	84	356000	22.978	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	9.210	67	103493	23.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.520%
41) Toluene-d8	10.275	98	313576	22.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	10.528	79	39698	22.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.881	63	25808	40.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.700%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	81739	22.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.280%
66) 1,2-Dichlorobenzene-d4	13.822	152	92782	23.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	6012	1.345	ug/L	98
3) Chloromethane	2.152	50	7565	1.006	ug/L	91
5) Vinyl chloride	2.287	62	12422	1.314	ug/L	100
6) Bromomethane	2.699	94	7606	1.697	ug/L	88
8) Chloroethane	2.840	64	7635	1.284	ug/L	85
9) Trichlorofluoromethane	3.181	101	8563	1.210	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	5596	1.144	ug/L	90
12) 1,1-Dichloroethene	3.946	96	3758	0.873	ug/L #	1
13) Acetone	4.022	43	750	0.993	ug/L	97
14) Carbon disulfide	4.275	76	14050	1.167	ug/L #	95
15) Methyl Acetate	4.564	43	385	0.300	ug/L #	9
16) Methylene chloride	4.805	84	12424	2.024	ug/L	96
17) trans-1,2-Dichloroethene	5.322	96	5064	1.097	ug/L	85
18) Methyl tert-butyl Ether	5.316	73	4900	0.571	ug/L #	87
19) 1,1-Dichloroethane	6.122	63	9671	1.239	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	5325	1.021	ug/L	94
22) 2-Butanone	7.093	43	1143	1.192	ug/L	73
23) Bromochloromethane	7.434	128	1574	0.705	ug/L #	80
25) Chloroform	7.593	83	6421	0.754	ug/L	92

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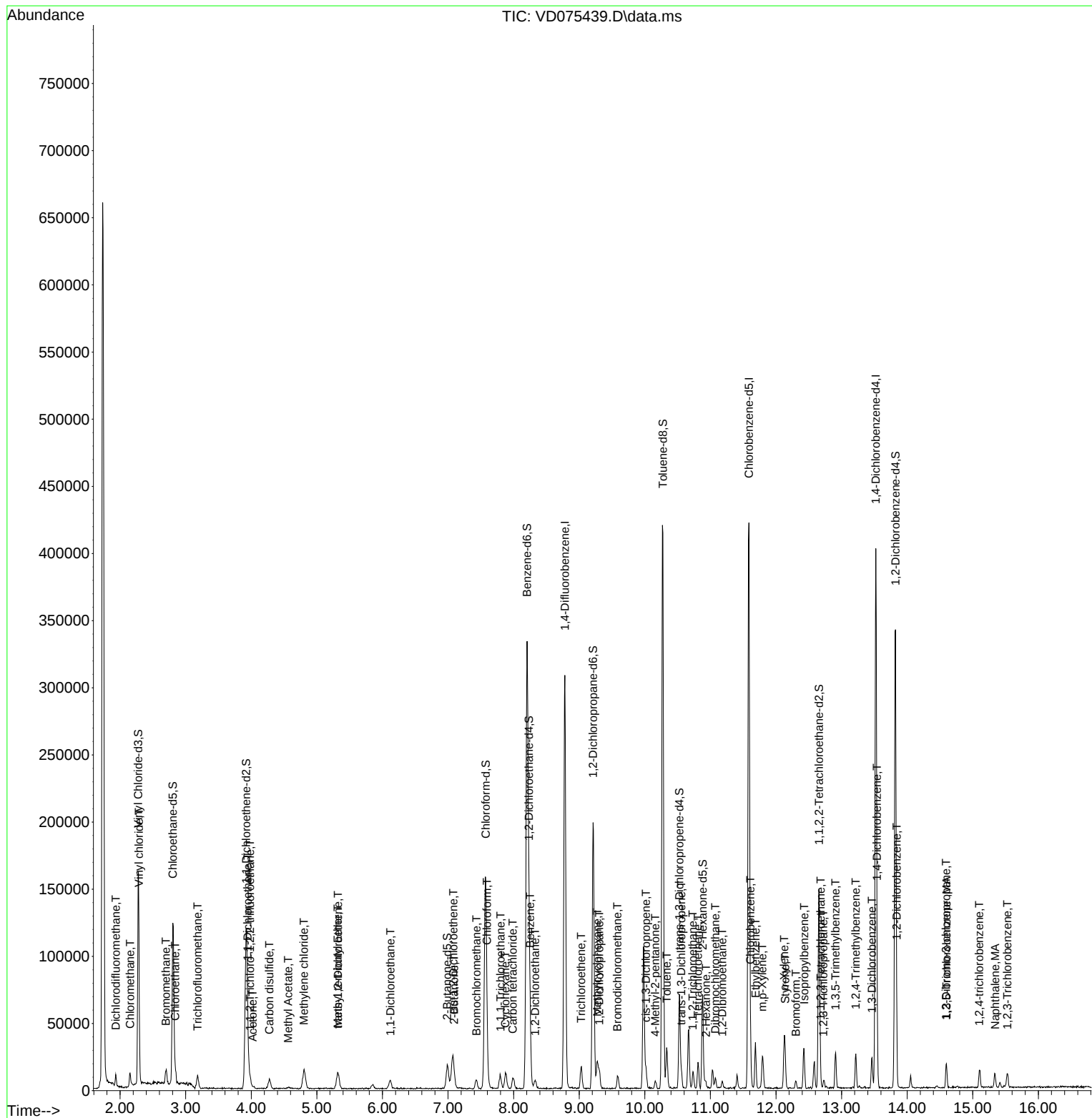
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	5260	1.146	ug/L #	88
29) Cyclohexane	7.875	56	6051	1.084	ug/L	90
30) 1,1,1-Trichloroethane	7.799	97	8541	1.218	ug/L #	86
31) Carbon tetrachloride	7.987	117	6286	1.128	ug/L	99
33) Benzene	8.252	78	21358	1.139	ug/L	100
34) Trichloroethene	9.028	95	5710	1.166	ug/L	86
35) Methylcyclohexane	9.275	83	8295	1.085	ug/L	99
37) 1,2-Dichloropropane	9.304	63	5209	1.131	ug/L #	97
38) Bromodichloromethane	9.581	83	7013	1.151	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	8242	1.169	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	3275	1.854	ug/L	98
42) Toluene	10.334	91	22577	1.100	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	8247	1.420	ug/L #	82
45) 1,1,2-Trichloroethane	10.728	97	4349	1.182	ug/L	93
46) Tetrachloroethene	10.810	164	4253	1.134	ug/L	83
48) 2-Hexanone	10.934	43	3703	2.849	ug/L #	74
49) Dibromochloromethane	11.075	129	4360	1.085	ug/L	99
50) 1,2-Dibromoethane	11.181	107	3848	1.157	ug/L #	99
51) Chlorobenzene	11.610	112	15677	1.175	ug/L	93
52) Ethylbenzene	11.687	91	23129	1.060	ug/L	97
53) m,p-Xylene	11.793	106	8527	0.992	ug/L	84
54) o-Xylene	12.128	106	7579	0.932	ug/L	90
55) Styrene	12.140	104	12781	0.885	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.681	83	4842	1.202	ug/L #	93
59) Bromoform	12.304	173	2376	1.173	ug/L #	92
60) Isopropylbenzene	12.428	105	19539	1.035	ug/L	97
61) 1,2,3-Trichloropropane	12.722	75	3077	1.368	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.904	105	14594	1.030	ug/L	91
63) 1,2,4-Trimethylbenzene	13.216	105	13552	0.978	ug/L	95
64) 1,3-Dichlorobenzene	13.463	146	10407	1.246	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	10997	1.280	ug/L	94
67) 1,2-Dichlorobenzene	13.839	146	9593	1.289	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.592	75	1054	2.413	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.598	180	6371	1.217	ug/L	93
70) 1,2,4-trichlorobenzene	15.098	180	5695	1.353	ug/L #	86
71) Naphthalene	15.339	128	9712	1.163	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	4645	1.252	ug/L	94

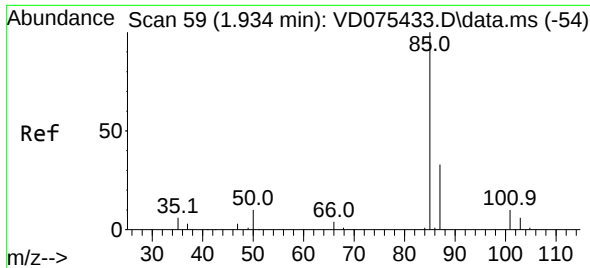
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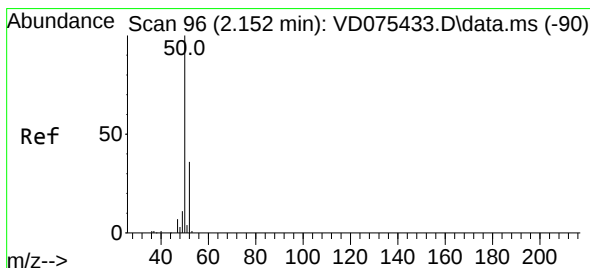
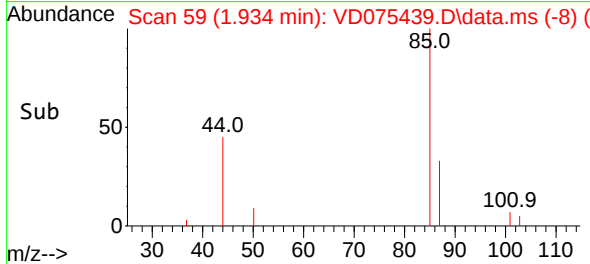
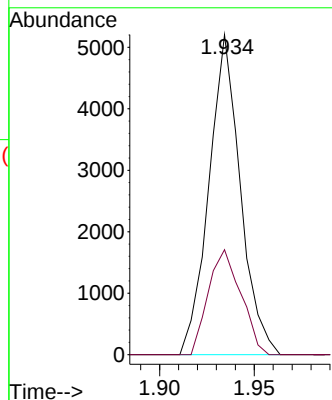
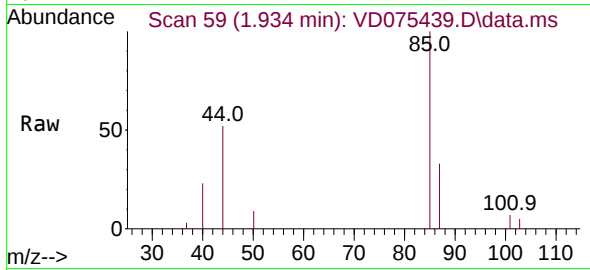




#2
 Dichlorodifluoromethane
 Concen: 1.345 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

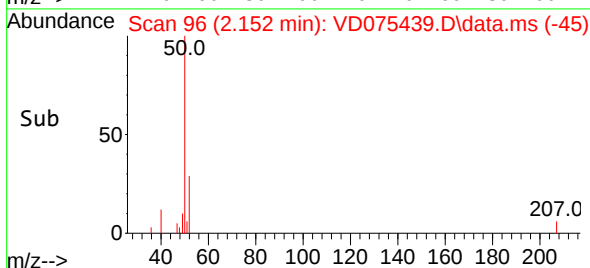
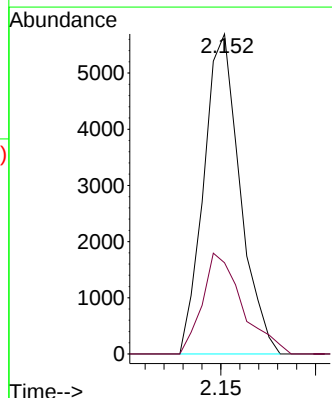
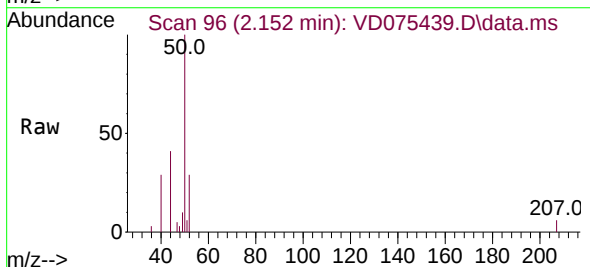
Instrument :
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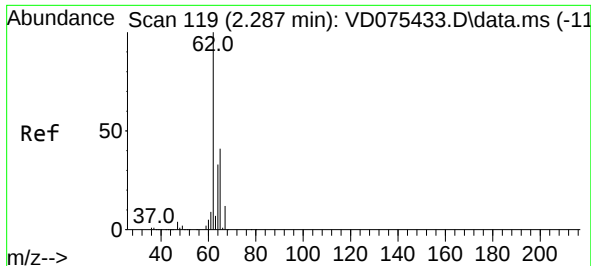
Tgt Ion: 85 Resp: 6012
 Ion Ratio Lower Upper
 85 100
 87 34.1 26.4 39.6



#3
 Chloromethane
 Concen: 1.006 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

Tgt Ion: 50 Resp: 7565
 Ion Ratio Lower Upper
 50 100
 52 28.5 23.7 43.9

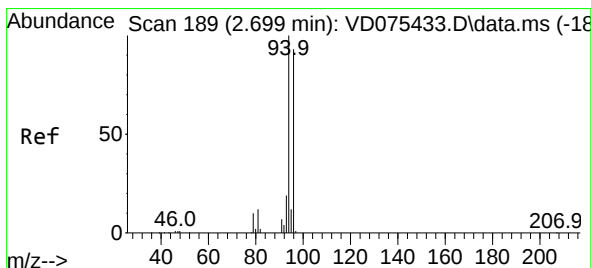
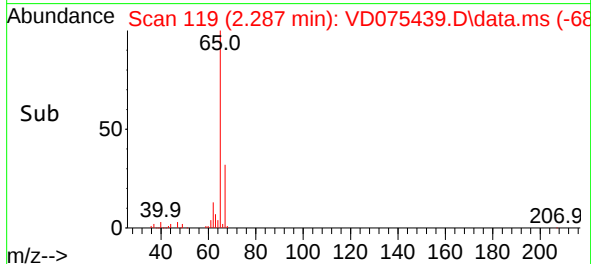
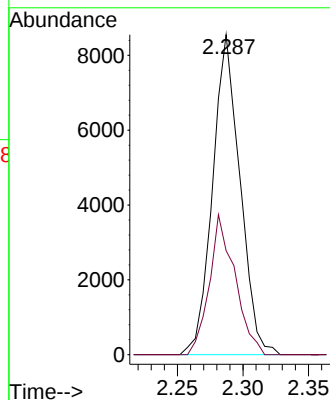
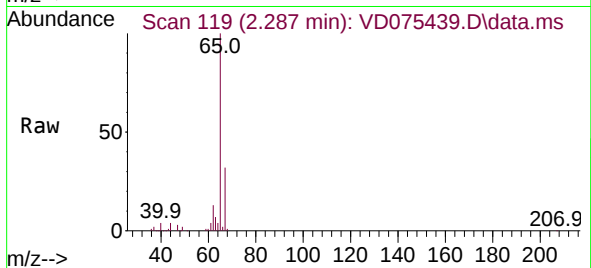




#5
 Vinyl chloride
 Concen: 1.314 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

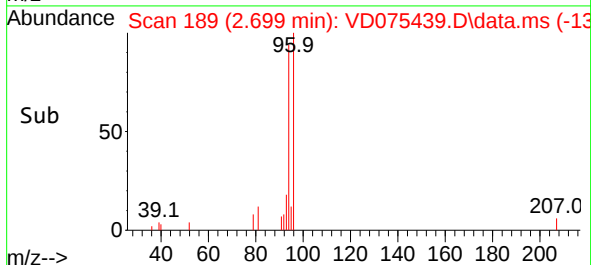
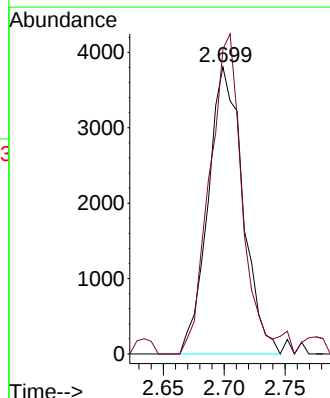
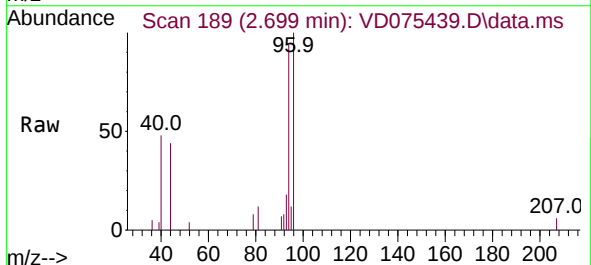
Instrument :
 MSVOA_D
 ClientSampleId :
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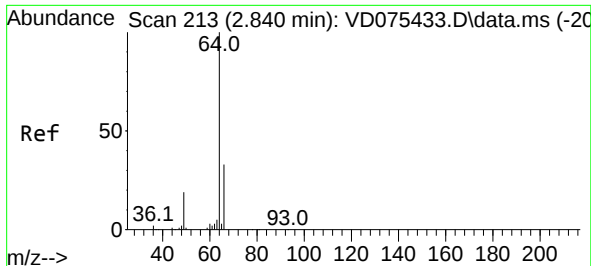
Tgt Ion: 62 Resp: 12422
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 1.697 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

Tgt Ion: 94 Resp: 7606
 Ion Ratio Lower Upper
 94 100
 96 106.3 65.9 122.5

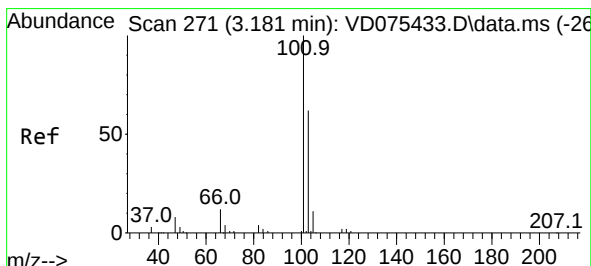
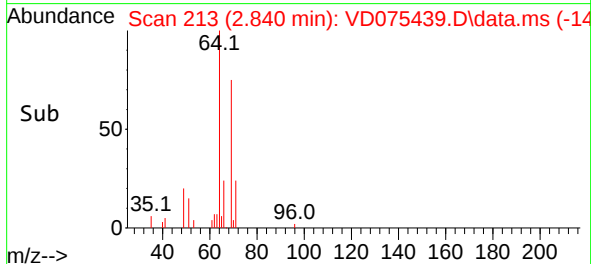
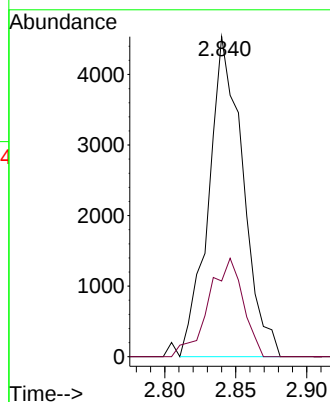
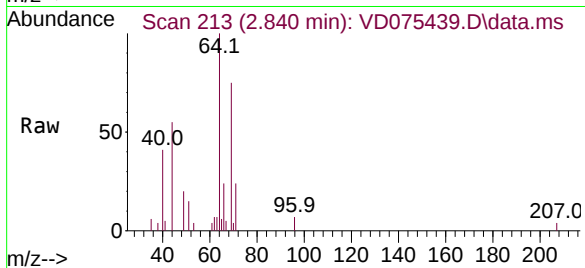




#8
Chloroethane
Concen: 1.284 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

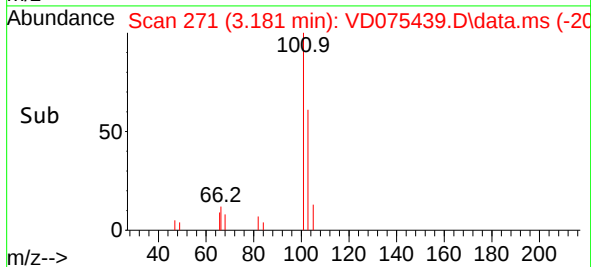
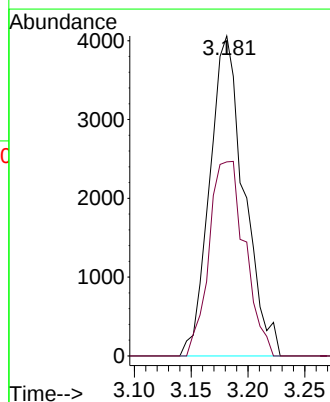
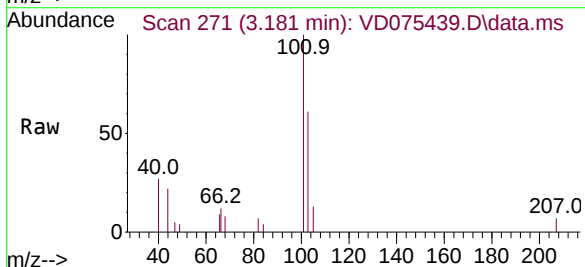
Instrument :
MSVOA_D
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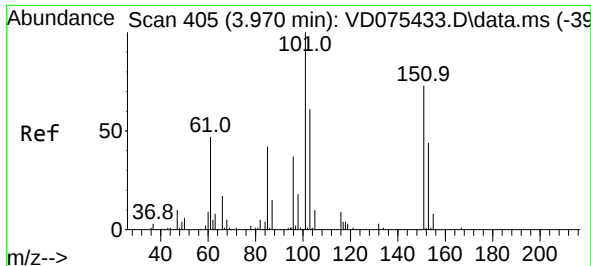
Tgt Ion: 64 Resp: 7635
Ion Ratio Lower Upper
64 100
66 23.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 1.210 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 101 Resp: 8563
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.144 ug/L

RT: 3.981 min Scan# 405

Delta R.T. 0.012 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

MDL03

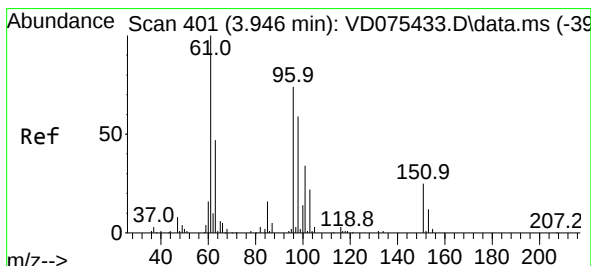
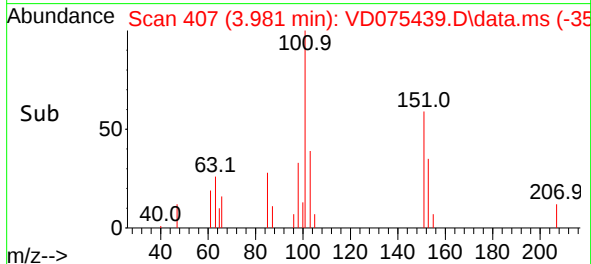
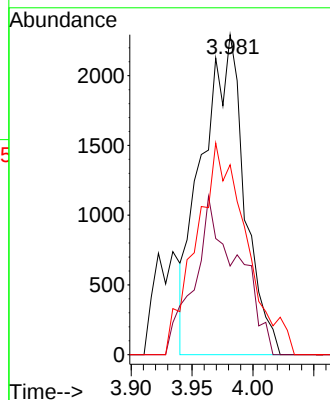
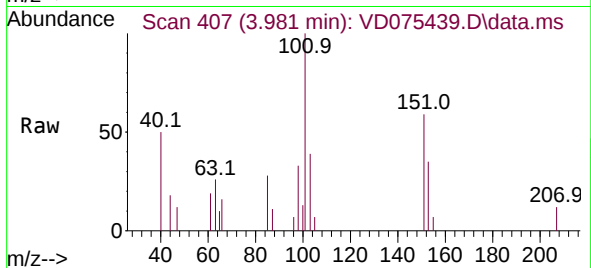
Tgt Ion:101 Resp: 5596

Ion Ratio Lower Upper

101 100

85 34.9 34.0 51.0

151 75.0 54.8 82.2



#12

1,1-Dichloroethene

Concen: 0.873 ug/L

RT: 3.946 min Scan# 401

Delta R.T. -0.000 min

Lab File: VD075439.D

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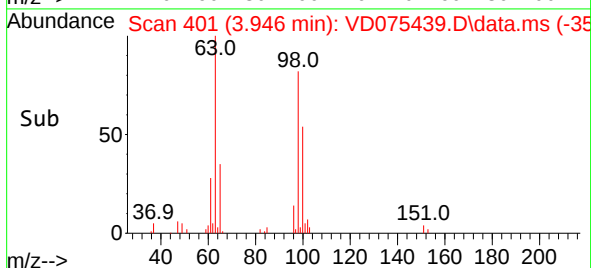
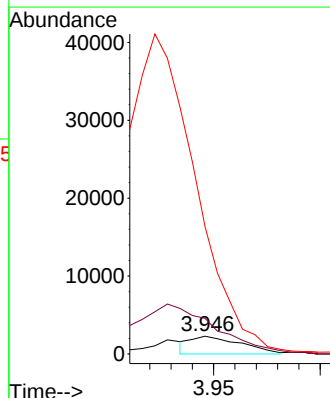
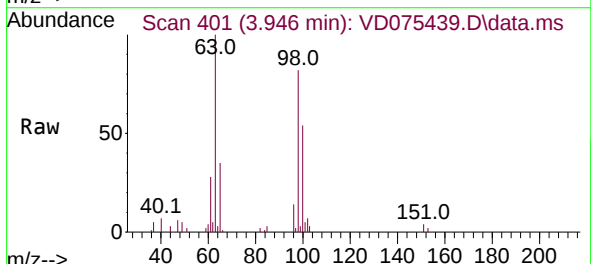
Tgt Ion: 96 Resp: 3758

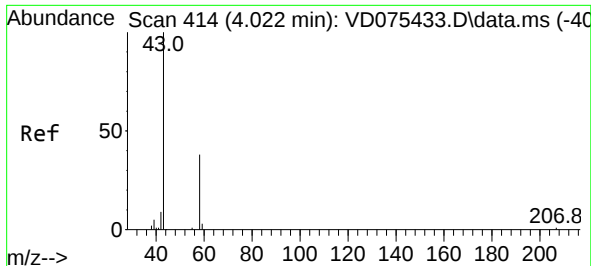
Ion Ratio Lower Upper

96 100

61 200.4 97.5 181.1#

63 716.9 62.4 116.0#

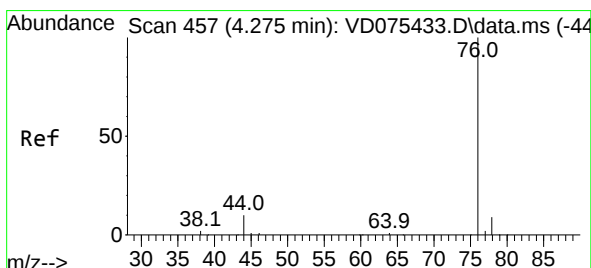
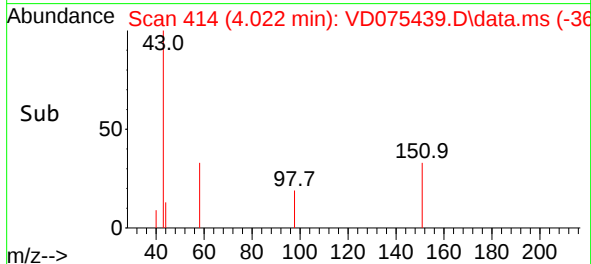
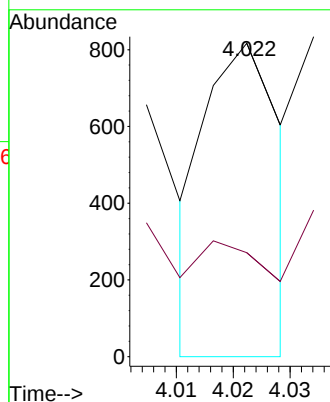
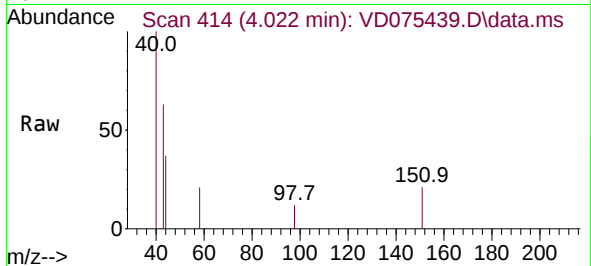




#13
Acetone
Concen: 0.993 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

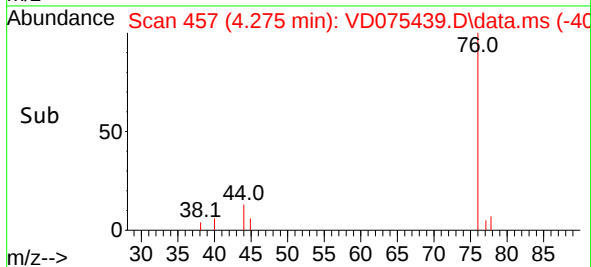
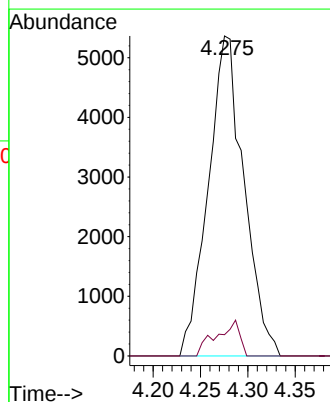
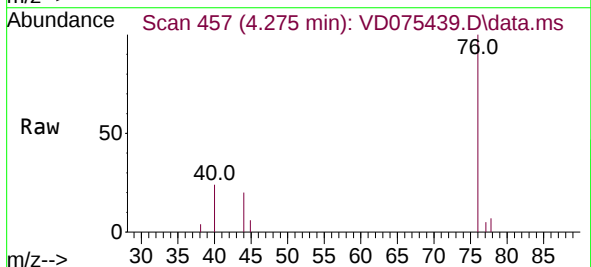
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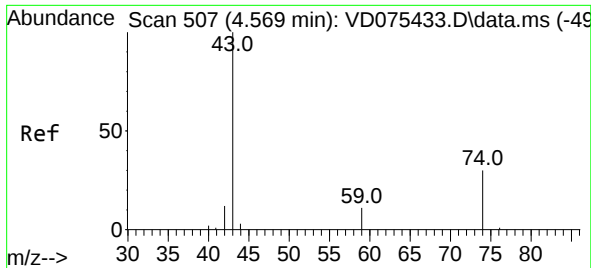
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Ion Ratio Lower Upper
43 100
58 36.1 0.0 75.4



#14
Carbon disulfide
Concen: 1.167 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 76 Resp: 14050
Ion Ratio Lower Upper
76 100
78 6.7 6.8 10.2#

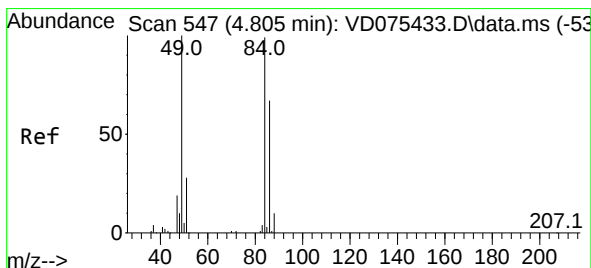
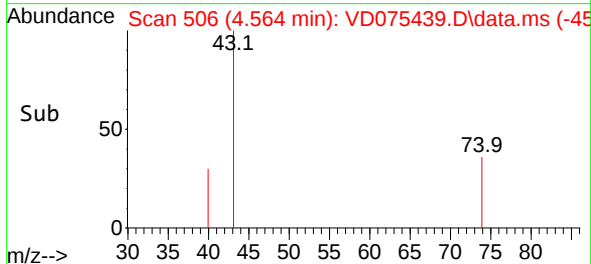
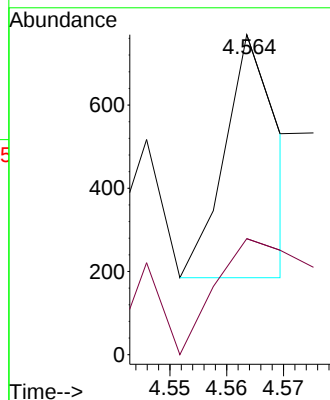
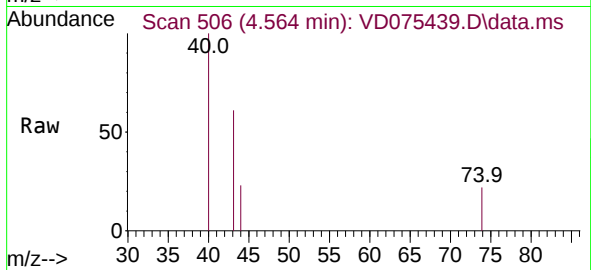




#15
Methyl Acetate
Concen: 0.300 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

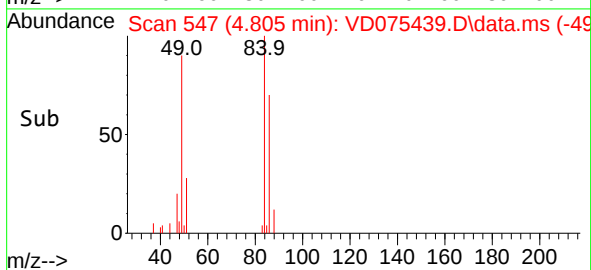
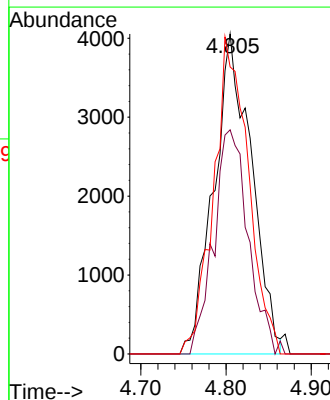
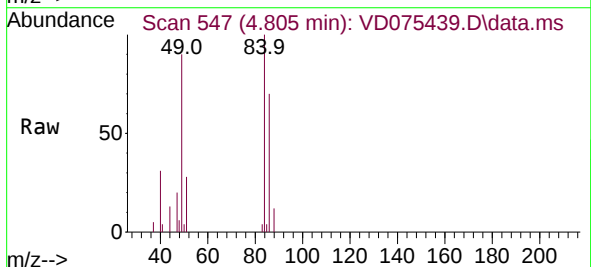
Instrument :
MSVOA_D
ClientSampleId :
MDL03

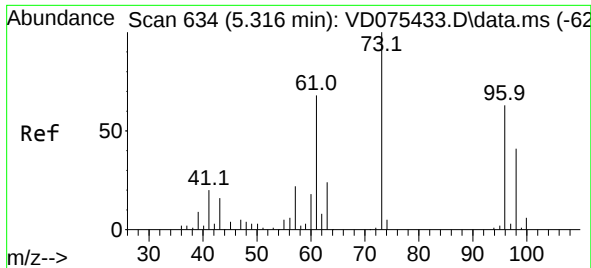
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 82.9 25.7 38.5#



#16
Methylene chloride
Concen: 2.024 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 84 Resp: 12424
Ion Ratio Lower Upper
84 100
86 70.0 44.2 82.2
49 89.7 63.6 118.2

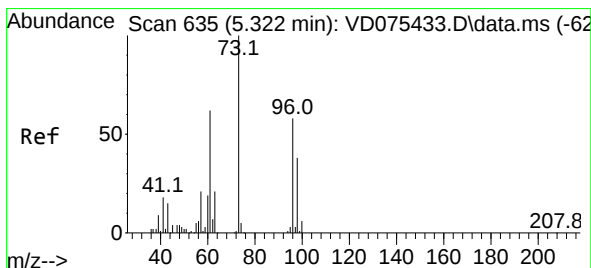
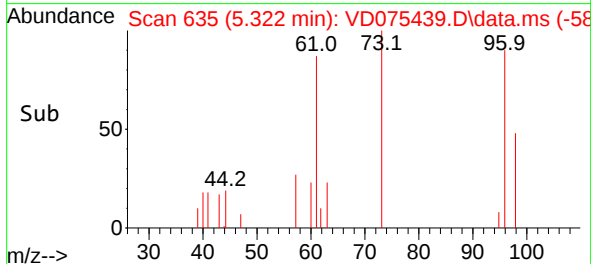
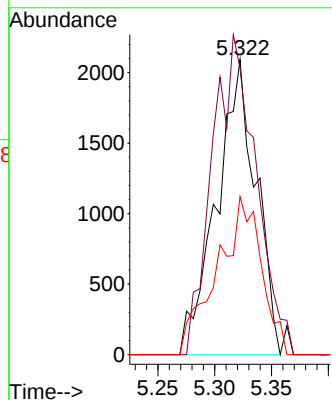
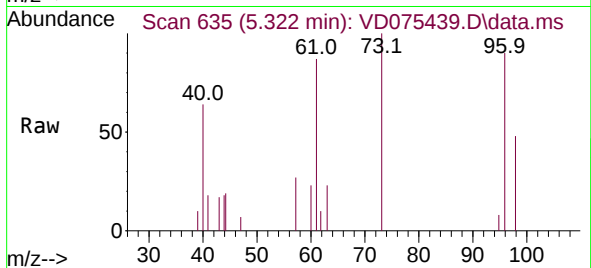




#17
trans-1,2-Dichloroethene
Concen: 1.097 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

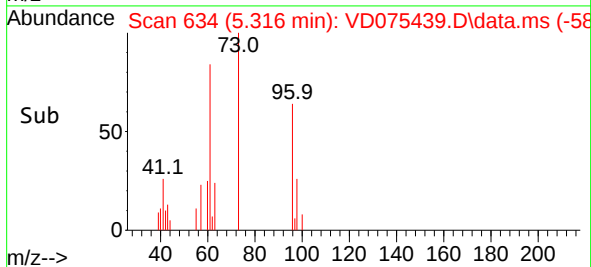
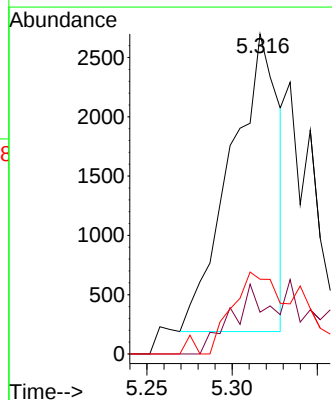
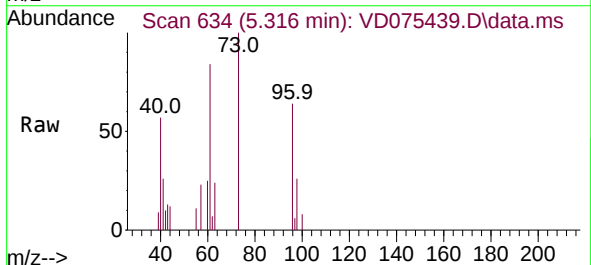
Instrument :
MSVOA_D
ClientSampleId :
MDL03

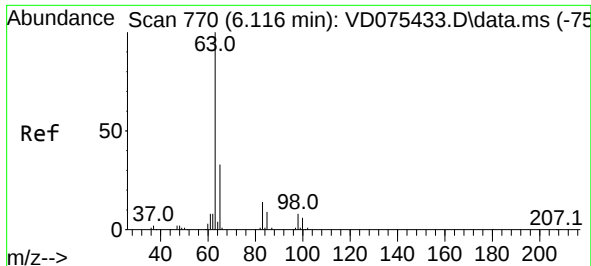
Tgt Ion:	96	Resp:	5064
Ion	Ratio	Lower	Upper
96	100		
61	97.0	77.8	144.6
98	53.6	47.0	87.4



#18
Methyl tert-butyl Ether
Concen: 0.571 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion:	73	Resp:	4900
Ion	Ratio	Lower	Upper
73	100		
43	19.2	12.1	18.1#
57	28.2	17.0	25.4#





#19

1,1-Dichloroethane

Concen: 1.239 ug/L

RT: 6.122 min Scan# 771

Delta R.T. 0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

MDL03

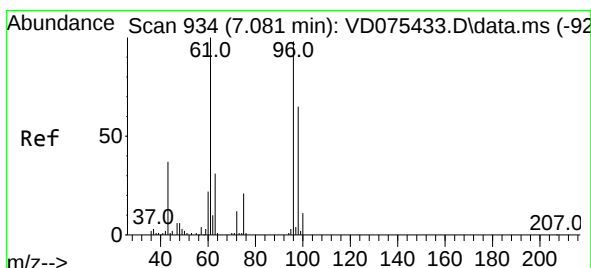
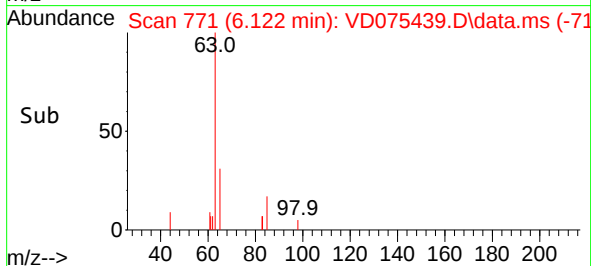
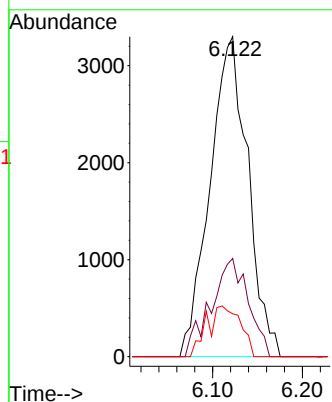
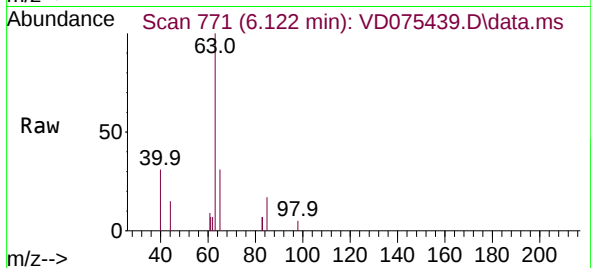
Tgt Ion: 63 Resp: 9671

Ion Ratio Lower Upper

63 100

65 30.7 21.1 39.3

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 1.021 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

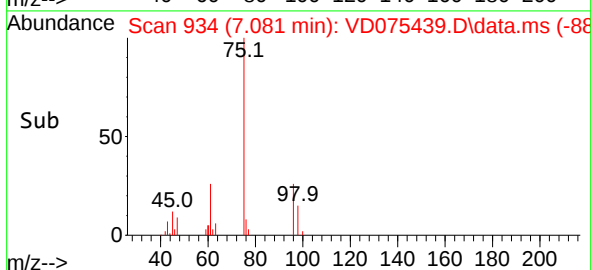
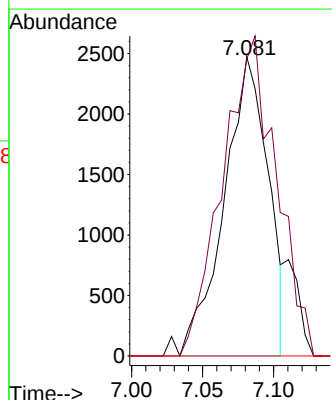
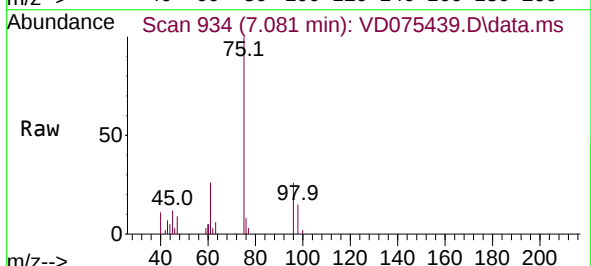
Tgt Ion: 96 Resp: 5325

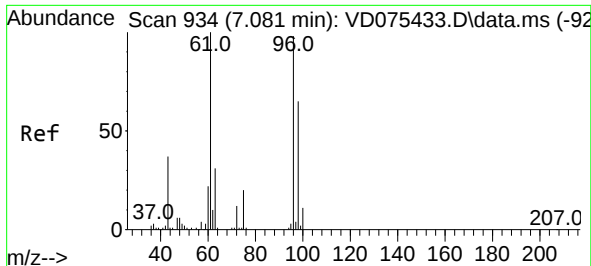
Ion Ratio Lower Upper

96 100

61 99.2 73.9 137.3

68 0.0 0.0 0.0

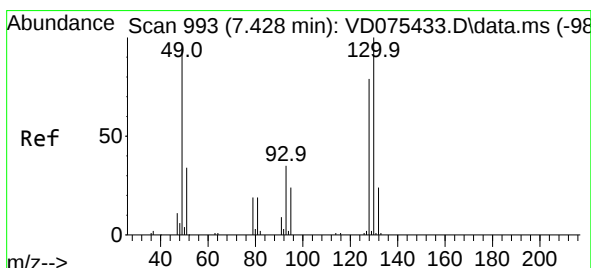
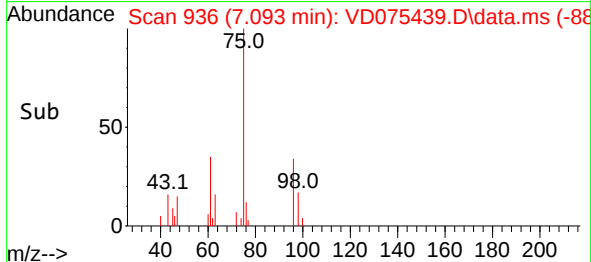
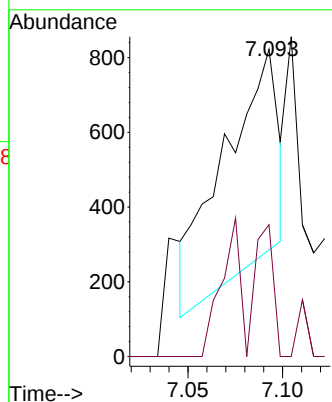
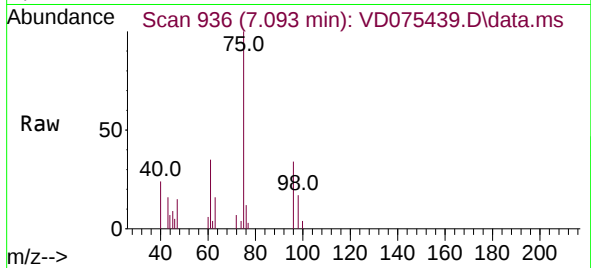




#22
2-Butanone
Concen: 1.192 ug/L
RT: 7.093 min Scan# 913
Delta R.T. 0.012 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

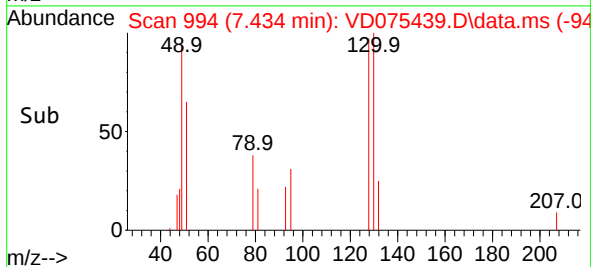
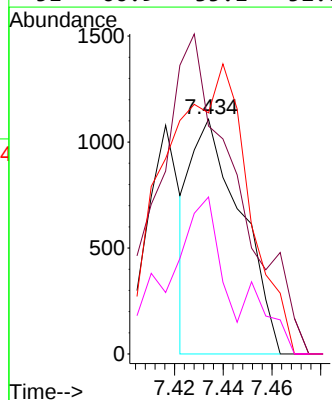
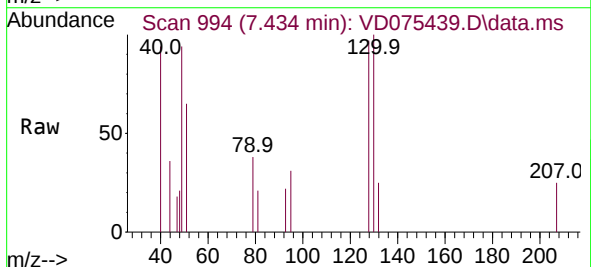
Instrument :
MSVOA_D
ClientSampleId :
MDL03

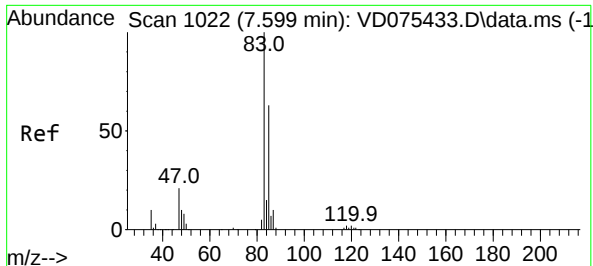
Tgt Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
72 20.6 18.3 54.9



#23
Bromochloromethane
Concen: 0.705 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 128 Resp: 1574
Ion Ratio Lower Upper
128 100
49 97.0 84.2 156.4
130 102.7 82.5 153.1
51 66.9 35.1 52.7#





#25

Chloroform

Concen: 0.754 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

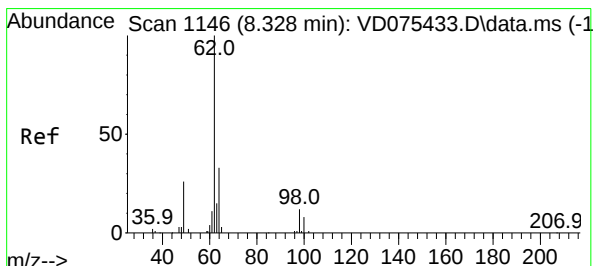
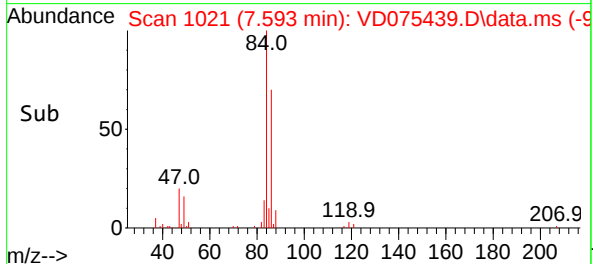
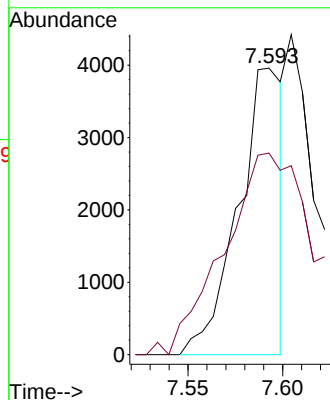
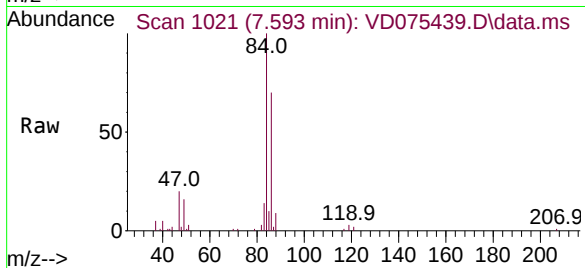
MDL03

Tgt Ion: 83 Resp: 6421

Ion Ratio Lower Upper

83 100

85 70.4 44.9 83.3



#27

1,2-Dichloroethane

Concen: 1.146 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075439.D

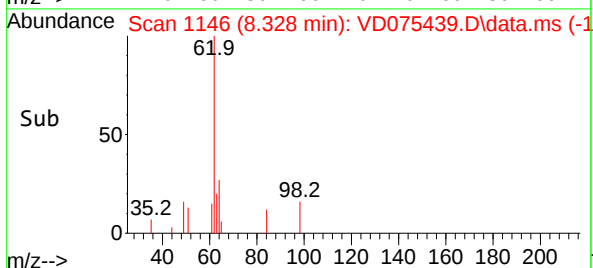
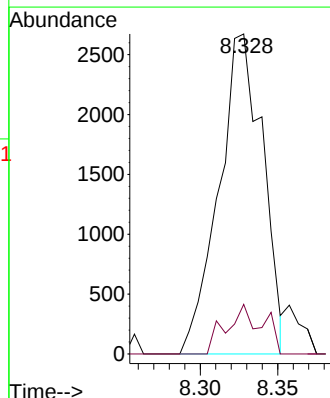
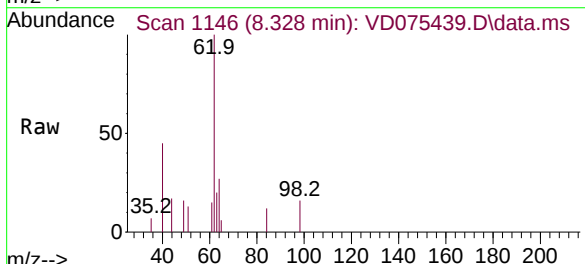
Acq: 02 Mar 2023 13:01

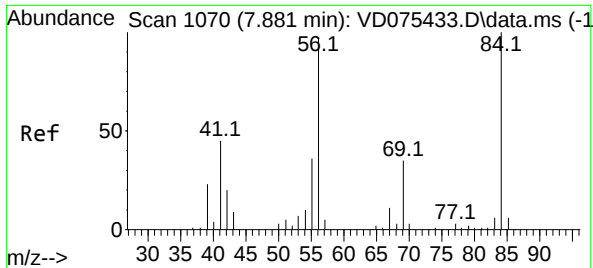
Tgt Ion: 62 Resp: 5260

Ion Ratio Lower Upper

62 100

98 15.5 8.8 13.2#





#29

Cyclohexane

Concen: 1.084 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

MDL03

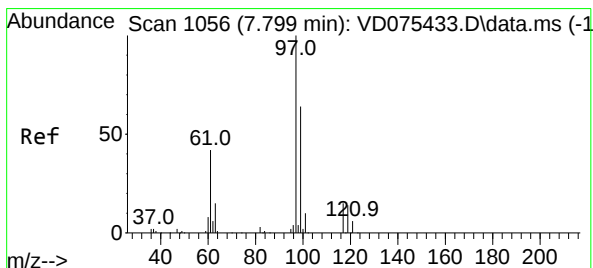
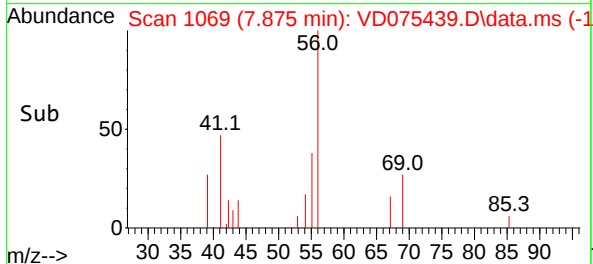
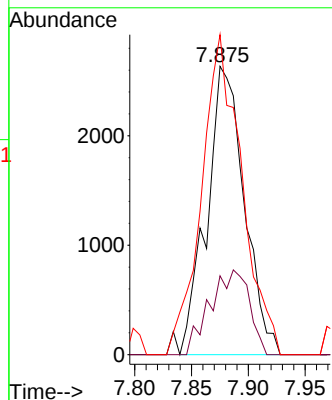
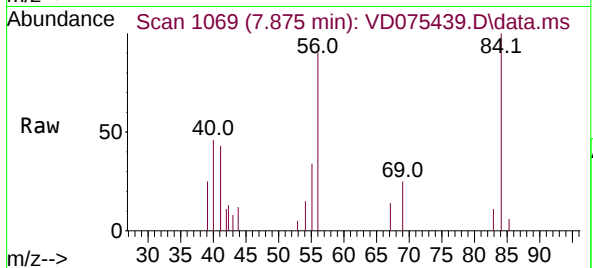
Tgt Ion: 56 Resp: 6051

Ion Ratio Lower Upper

56 100

69 30.6 27.0 40.6

84 118.4 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 1.218 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

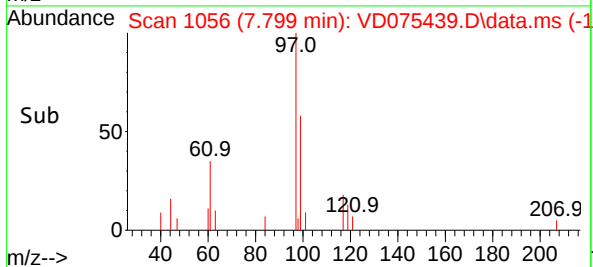
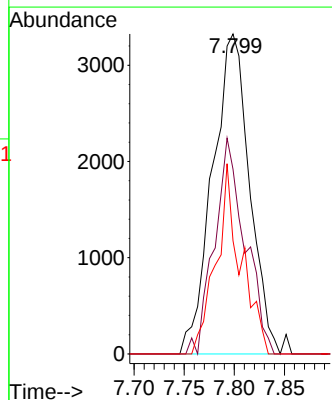
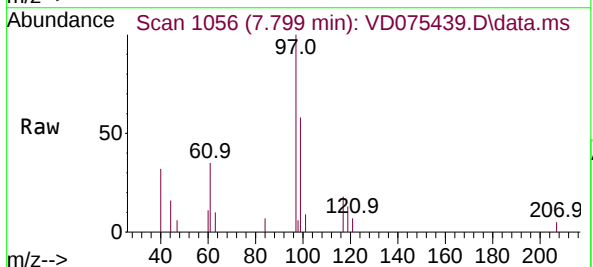
Tgt Ion: 97 Resp: 8541

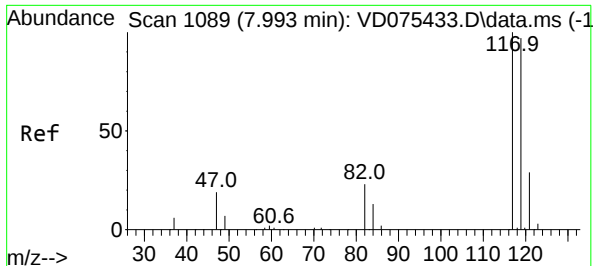
Ion Ratio Lower Upper

97 100

99 55.3 51.0 76.4

61 30.0 34.0 51.0#

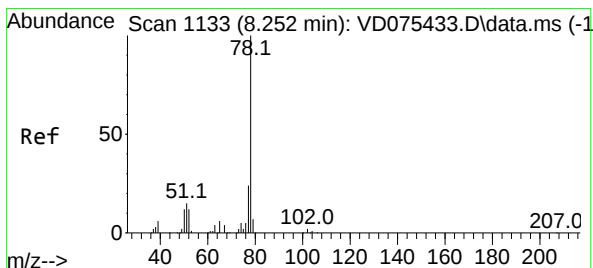
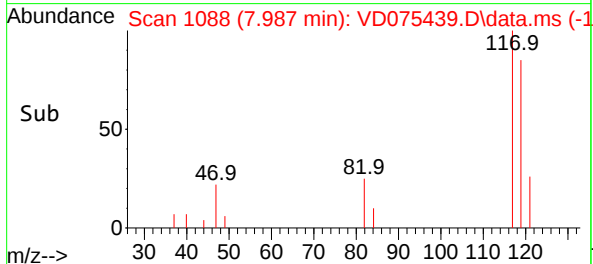
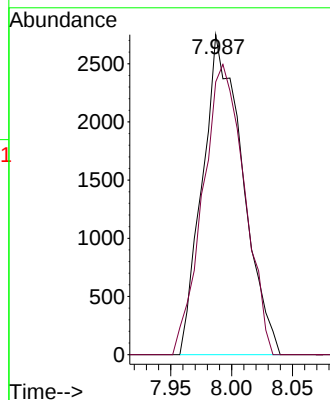
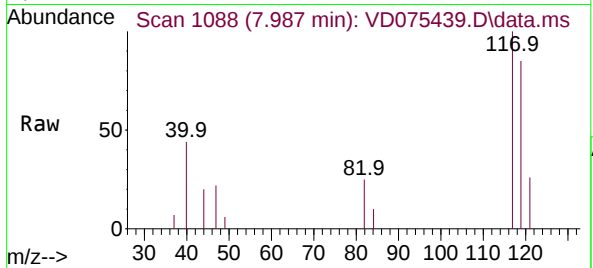




#31
Carbon tetrachloride
Concen: 1.128 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

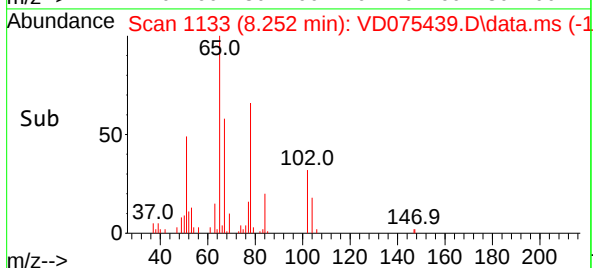
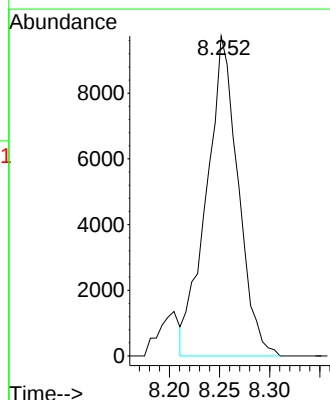
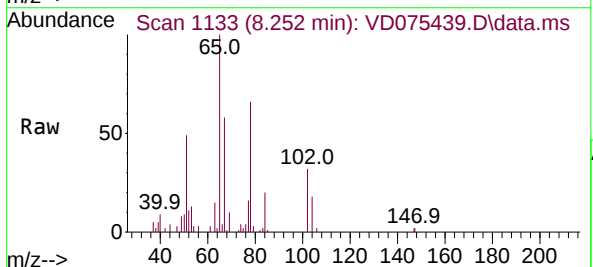
Instrument :
MSVOA_D
ClientSampleId :
MDL03

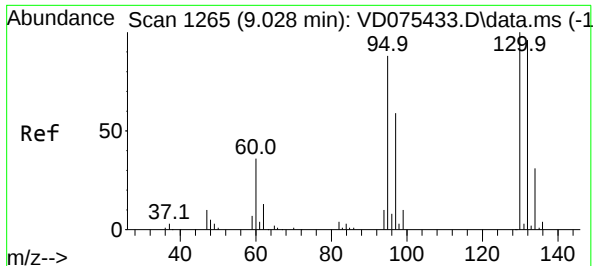
Tgt Ion:117 Resp: 6286
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2



#33
Benzene
Concen: 1.139 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 78 Resp: 21358



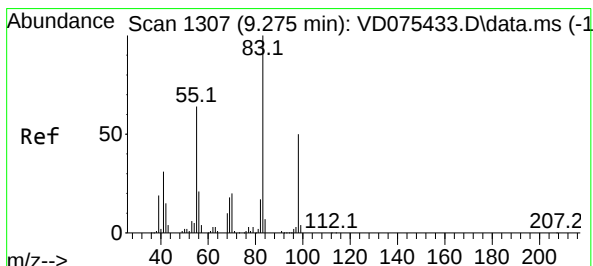
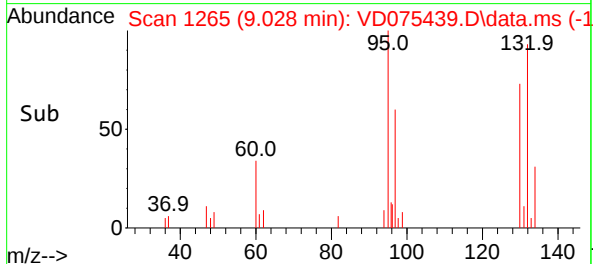
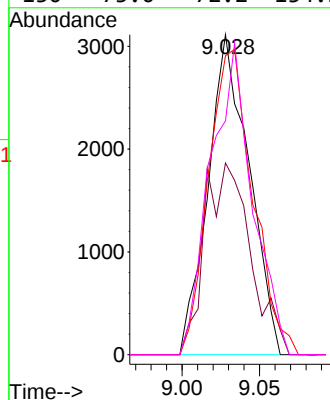
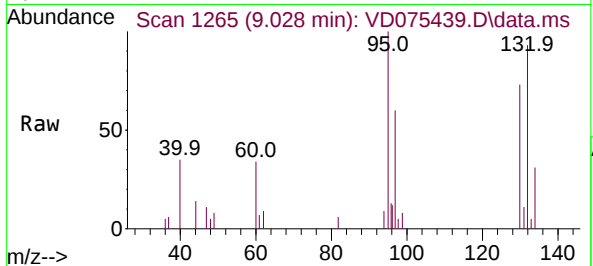


#34
Trichloroethene
Concen: 1.166 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion: 95 Resp: 5710

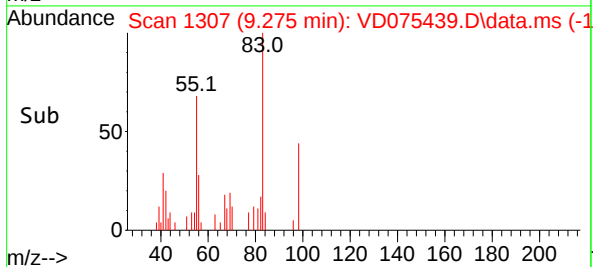
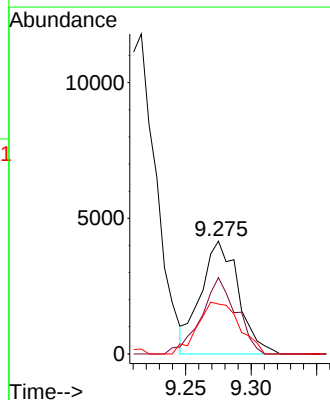
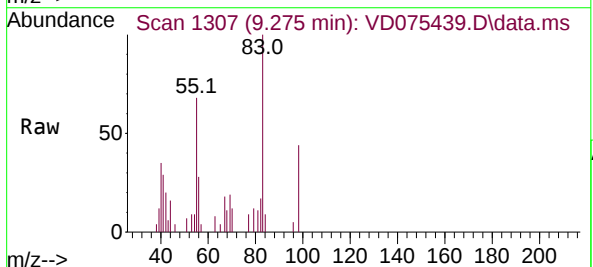
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.7	83.1
132	93.4	70.0	130.0
130	73.0	72.2	134.2

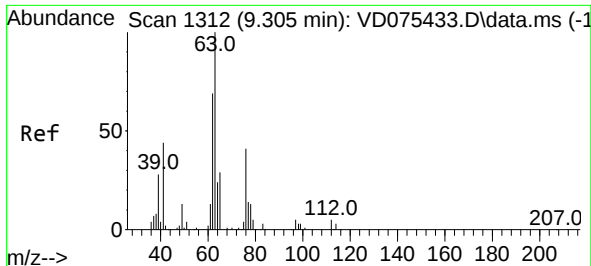


#35
Methylcyclohexane
Concen: 1.085 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 83 Resp: 8295

Ion	Ratio	Lower	Upper
83	100		
55	62.7	49.3	73.9
98	50.5	39.8	59.6

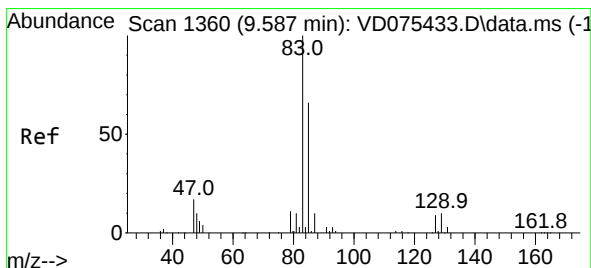
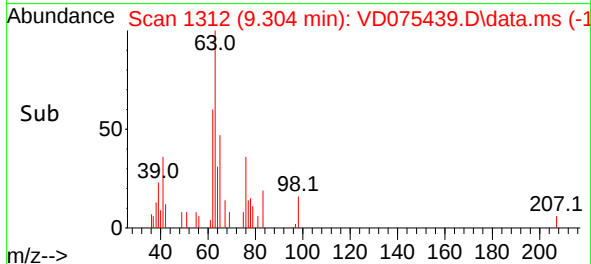
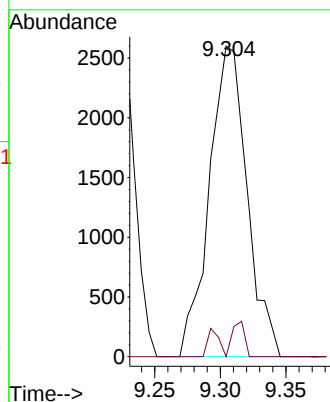
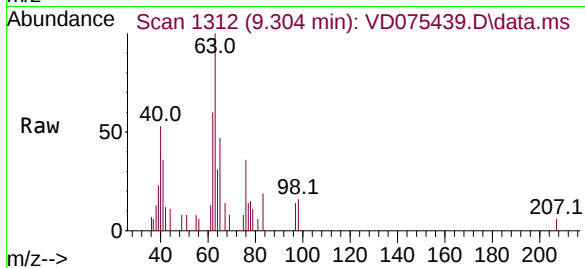




#37
1,2-Dichloropropane
Concen: 1.131 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

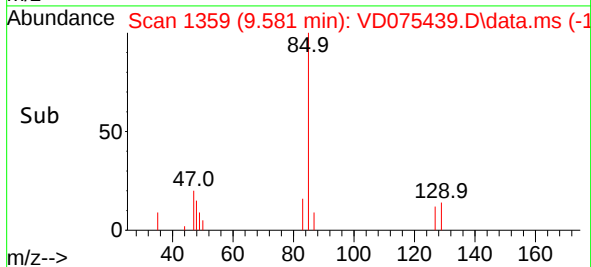
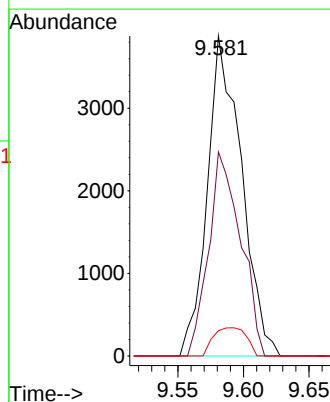
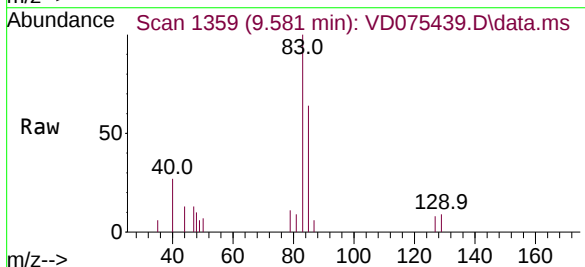
Instrument :
MSVOA_D
ClientSampleId :
MDL03

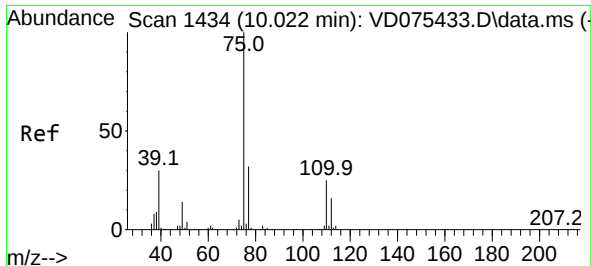
Tgt Ion: 63 Resp: 5209
Ion Ratio Lower Upper
63 100
112 3.7 3.8 5.6#



#38
Bromodichloromethane
Concen: 1.151 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 83 Resp: 7013
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 7.9 6.6 9.8

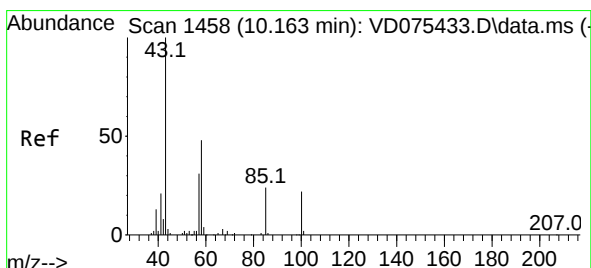
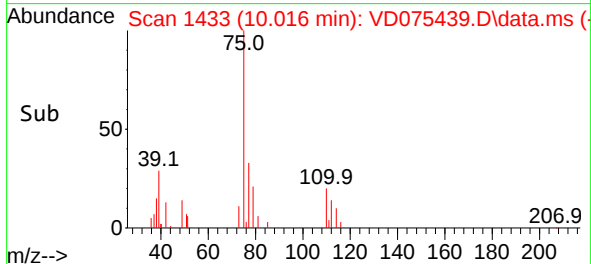
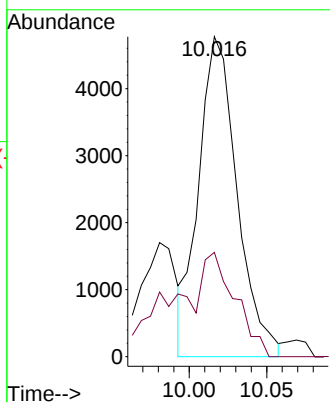
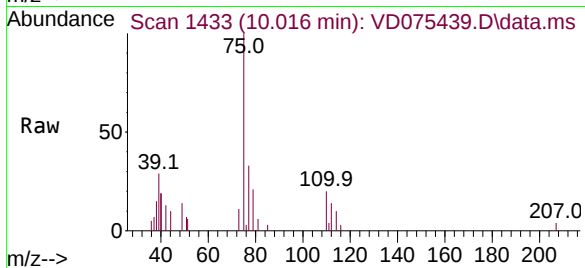




#39
 cis-1,3-Dichloropropene
 Concen: 1.169 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

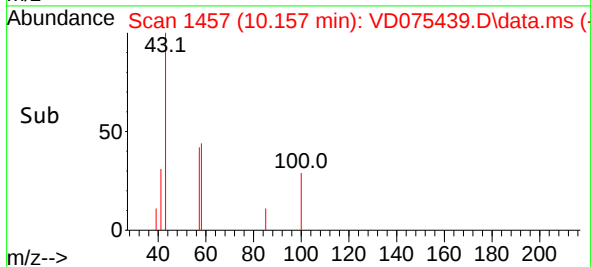
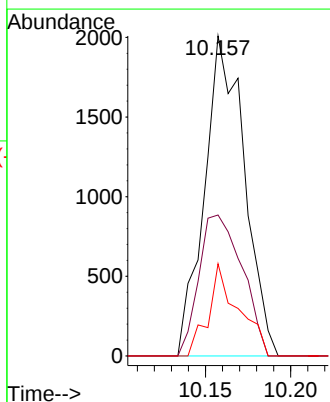
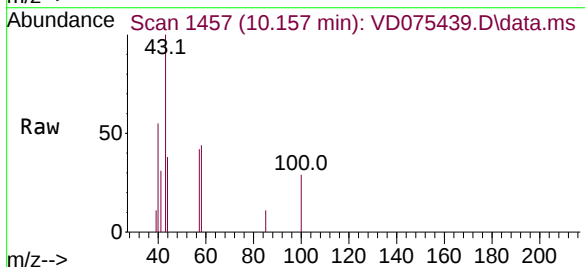
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

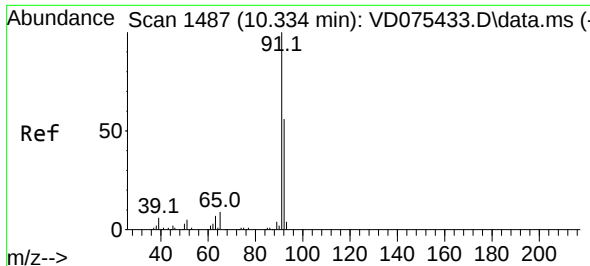
Tgt Ion: 75 Resp: 8242
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 1.854 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

Tgt Ion: 43 Resp: 3275
 Ion Ratio Lower Upper
 43 100
 58 47.8 39.0 58.6
 100 21.7 18.7 28.1

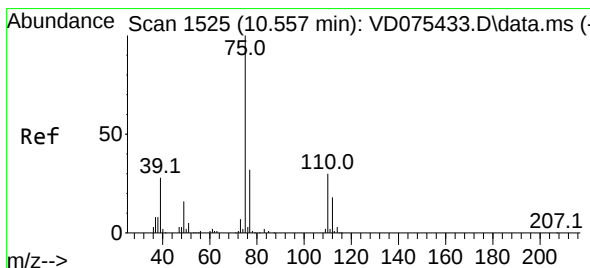
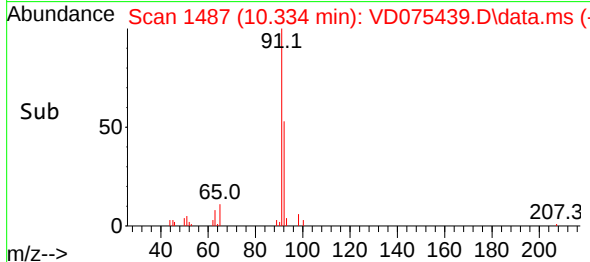
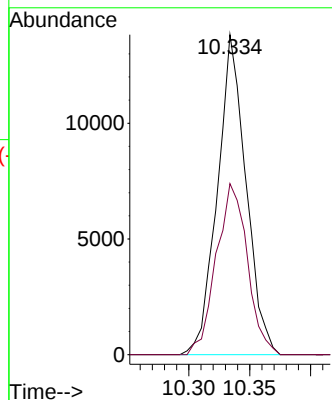
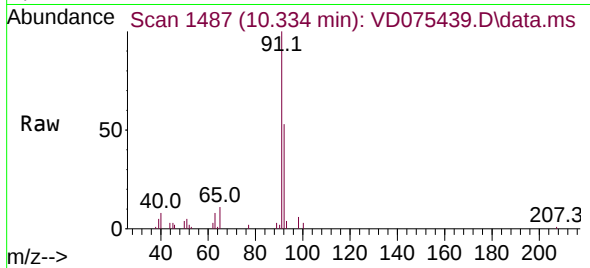




#42
Toluene
Concen: 1.100 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

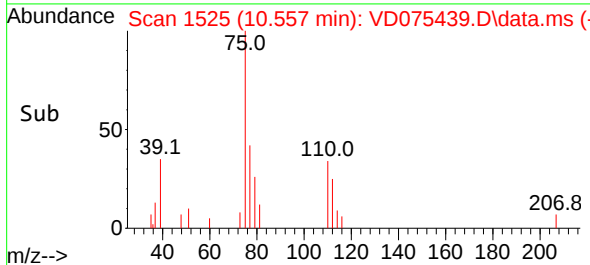
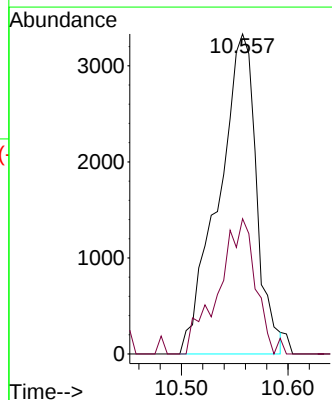
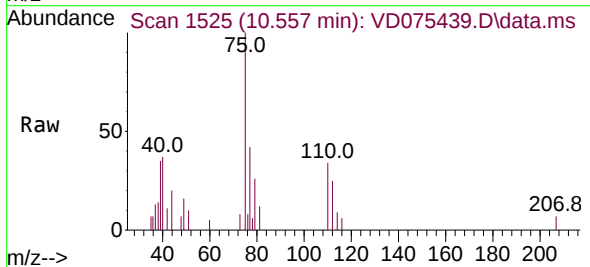
Instrument :
MSVOA_D
ClientSampleId :
MDL03

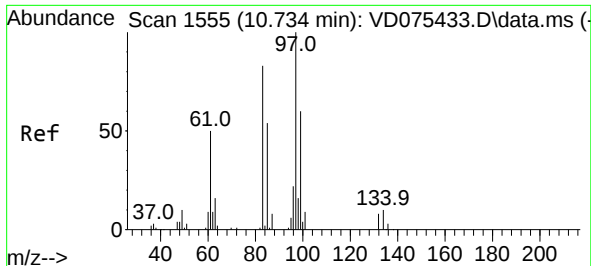
Tgt Ion: 91 Resp: 22577
Ion Ratio Lower Upper
91 100
92 53.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 1.420 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 75 Resp: 8247
Ion Ratio Lower Upper
75 100
77 42.3 22.4 41.6#

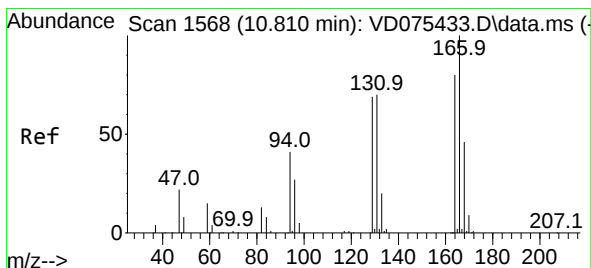
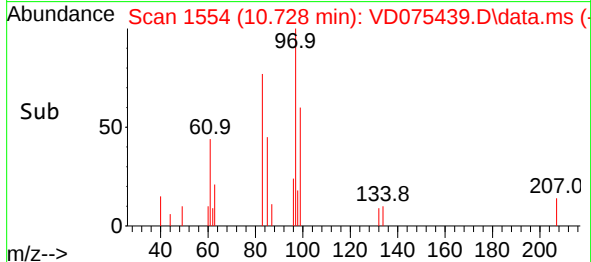
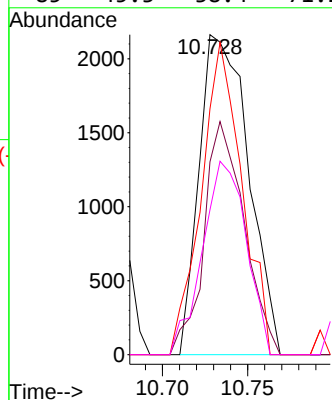
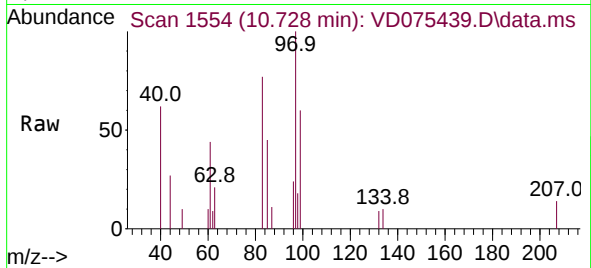




#45
1,1,2-Trichloroethane
Concen: 1.182 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

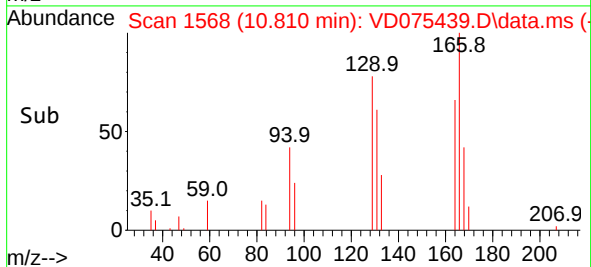
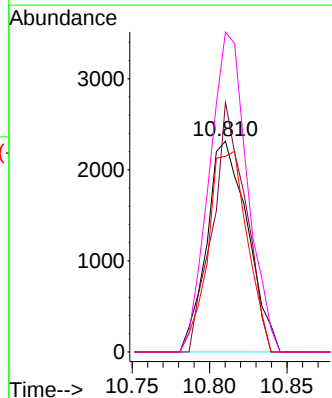
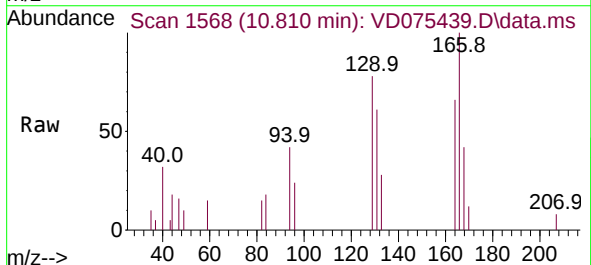
Instrument :
MSVOA_D
ClientSampleId :
MDL03

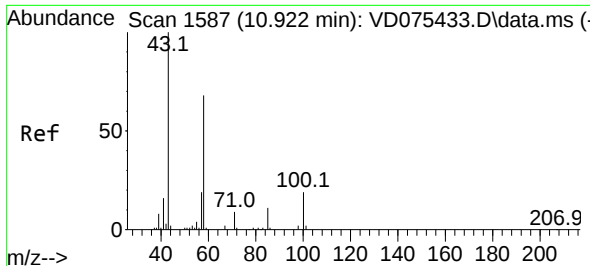
Tgt Ion: 97	Resp: 4349
Ion Ratio	Lower Upper
97 100	
99 60.2	40.9 76.0
83 76.8	57.7 107.1
85 45.3	38.4 71.2



#46
Tetrachloroethene
Concen: 1.134 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt	Ion:164	Resp:	4253
Ion	Ratio	Lower	Upper
164	100		
129	118.4	65.4	121.4
131	92.8	64.1	119.1
166	151.8	88.5	164.3

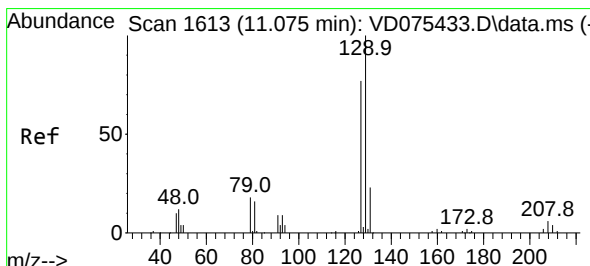
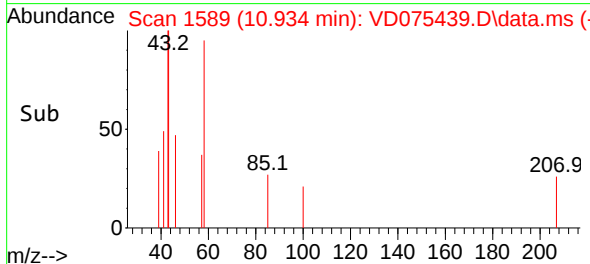
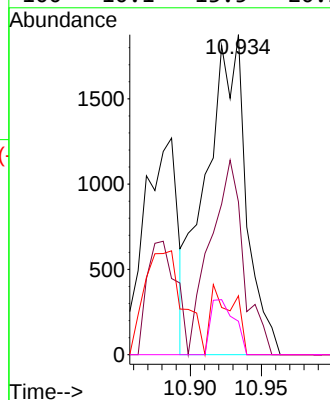
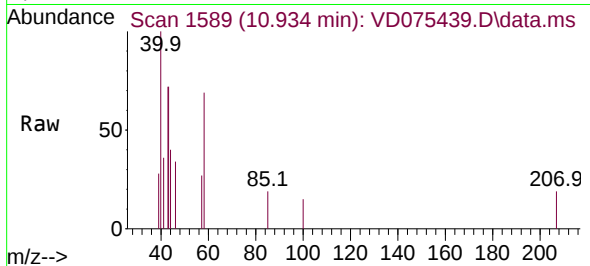




#48
2-Hexanone
Concen: 2.849 ug/L
RT: 10.934 min Scan# 1589
Delta R.T. 0.012 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

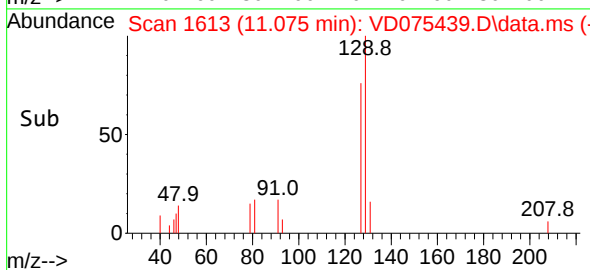
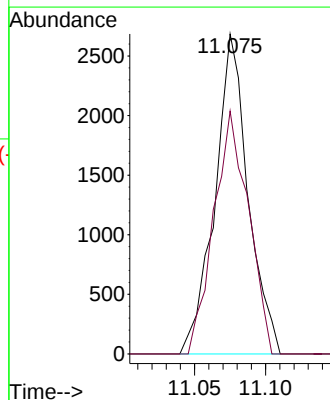
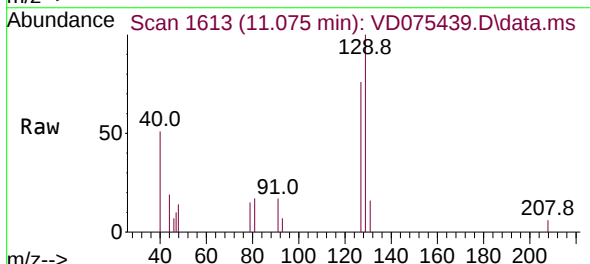
Instrument :
MSVOA_D
ClientSampleId :
MDL03

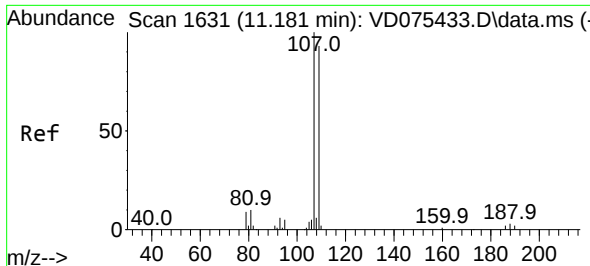
Tgt Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
58 46.0 53.1 79.7#
57 3.3 16.7 25.1#
100 10.1 13.5 20.3#



#49
Dibromochloromethane
Concen: 1.085 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 129 Resp: 4360
Ion Ratio Lower Upper
129 100
127 75.9 53.7 99.7

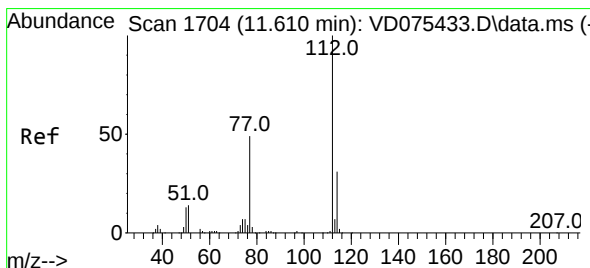
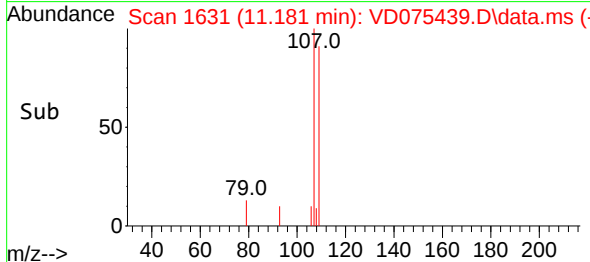
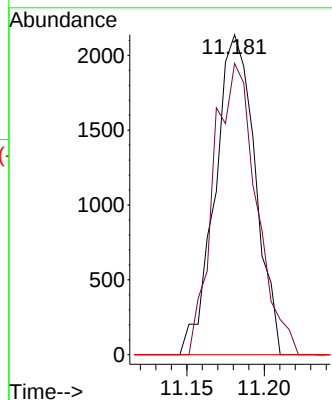
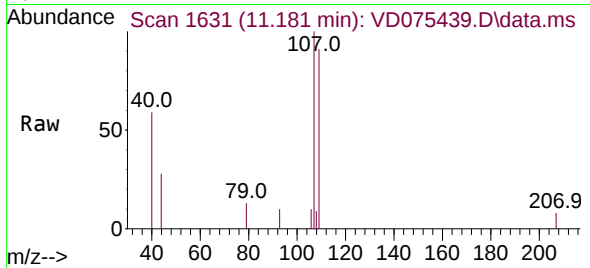




#50
1,2-Dibromoethane
Concen: 1.157 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

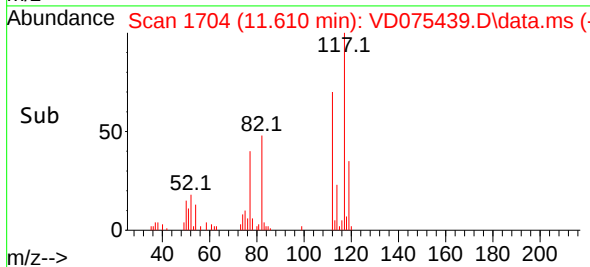
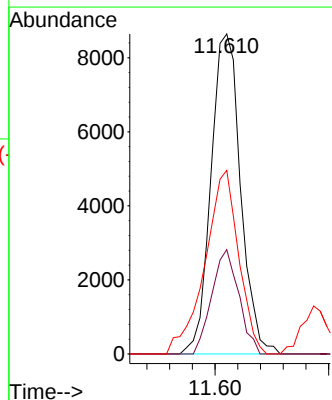
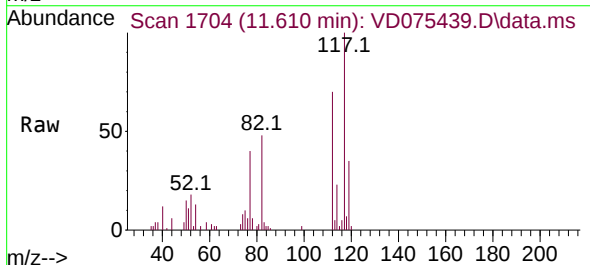
Instrument :
MSVOA_D
ClientSampleId :
MDL03

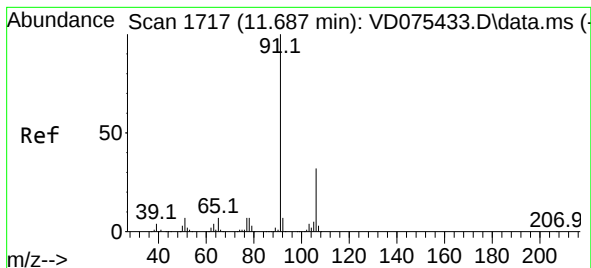
Tgt Ion:107	Resp:	3848
Ion Ratio	Lower	Upper
107	100	
109	91.0	64.2 119.2
188	0.0	2.3 3.5#



#51
Chlorobenzene
Concen: 1.175 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion:112	Resp:	15677
Ion Ratio	Lower	Upper
112	100	
114	32.6	22.3 41.3
77	57.4	40.2 60.2

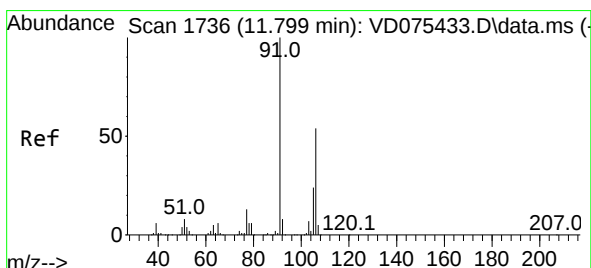
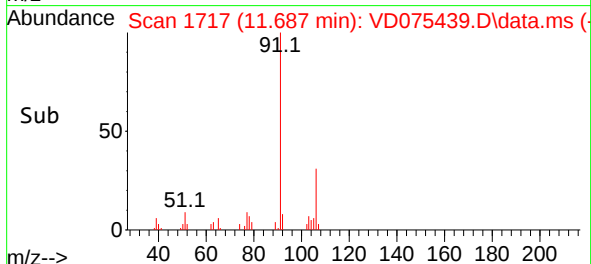
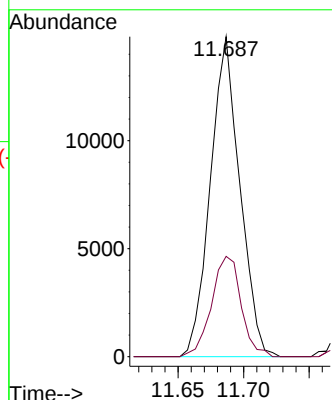
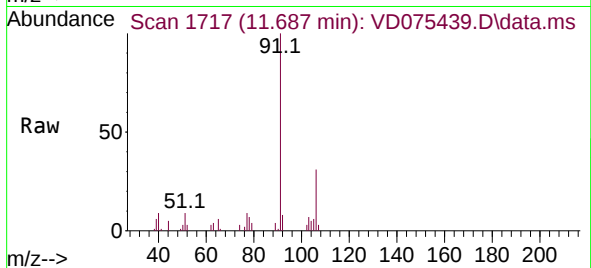




#52
Ethylbenzene
Concen: 1.060 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

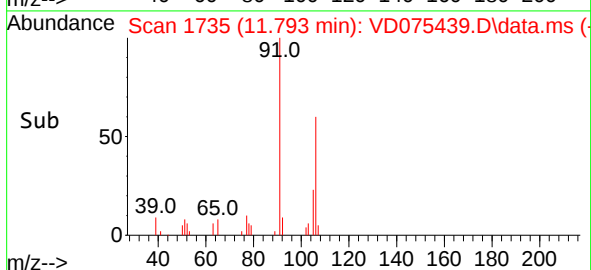
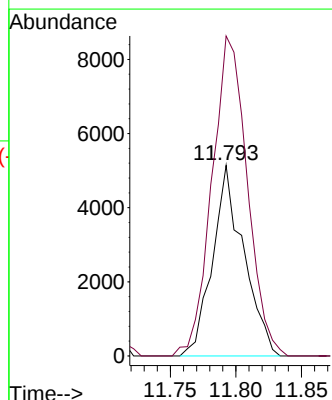
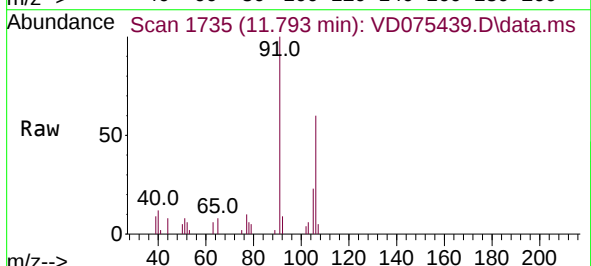
Instrument :
MSVOA_D
ClientSampleId :
MDL03

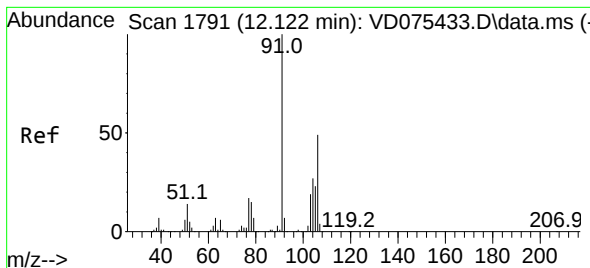
Tgt Ion: 91 Resp: 23129
Ion Ratio Lower Upper
91 100
106 31.3 23.1 42.9



#53
m,p-Xylene
Concen: 0.992 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion: 106 Resp: 8527
Ion Ratio Lower Upper
106 100
91 167.9 134.1 249.1





#54

o-Xylene

Concen: 0.932 ug/L

RT: 12.128 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

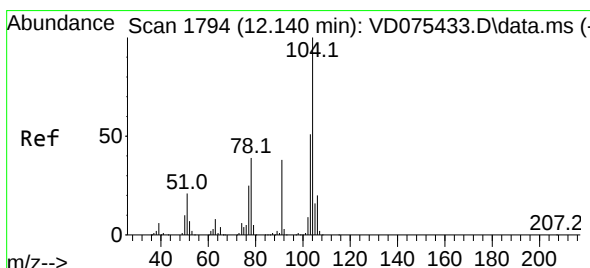
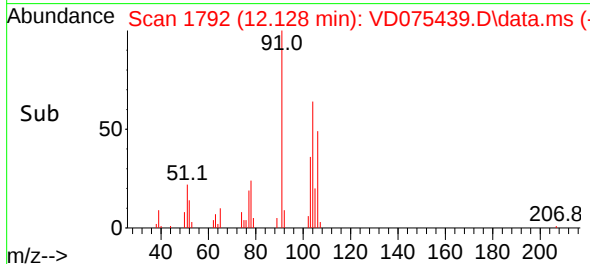
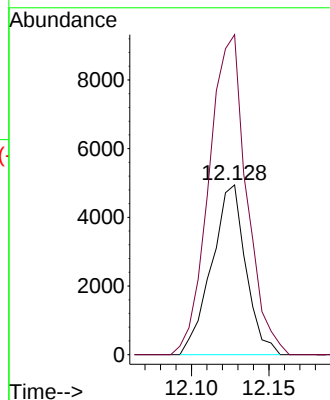
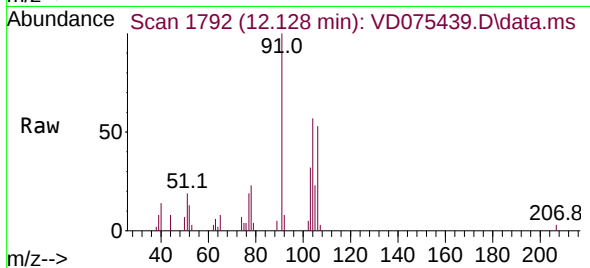
MDL03

Tgt Ion:106 Resp: 7579

Ion Ratio Lower Upper

106 100

91 188.5 142.3 264.3



#55

Styrene

Concen: 0.885 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075439.D

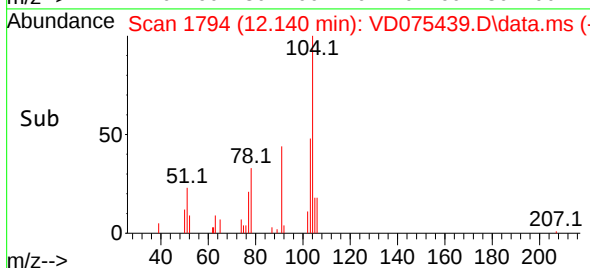
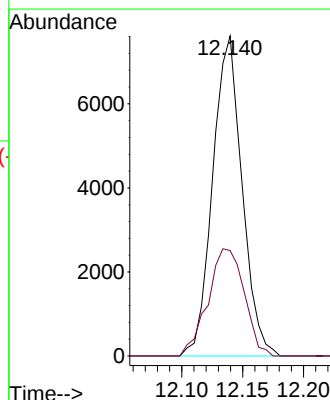
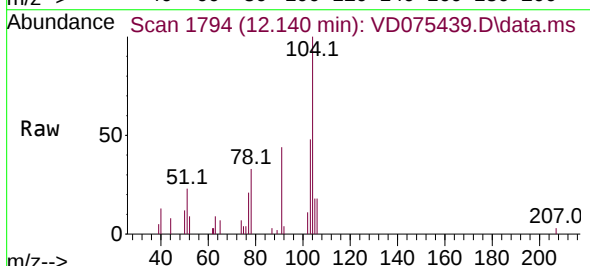
Acq: 02 Mar 2023 13:01

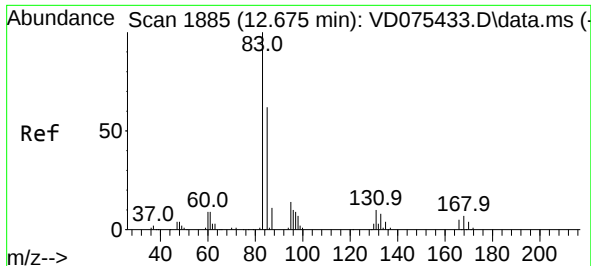
Tgt Ion:104 Resp: 12781

Ion Ratio Lower Upper

104 100

78 32.9 26.0 48.2





#57

1,1,2,2-Tetrachloroethane

Concen: 1.202 ug/L

RT: 12.681 min Scan# 1886

Delta R.T. 0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

MDL03

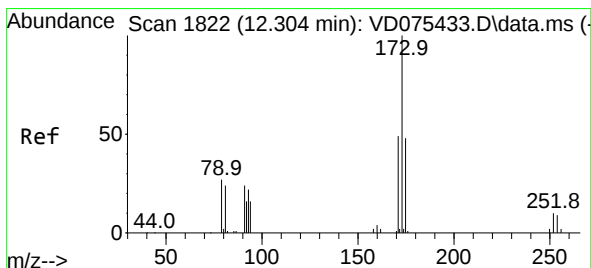
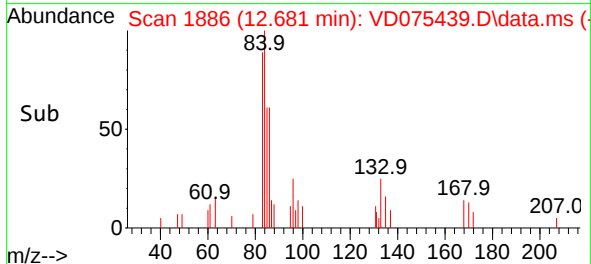
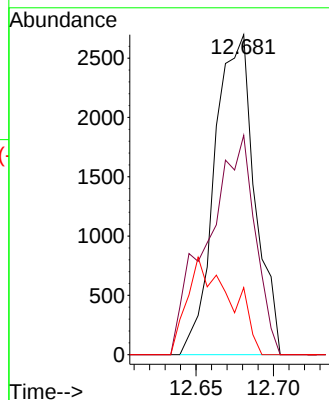
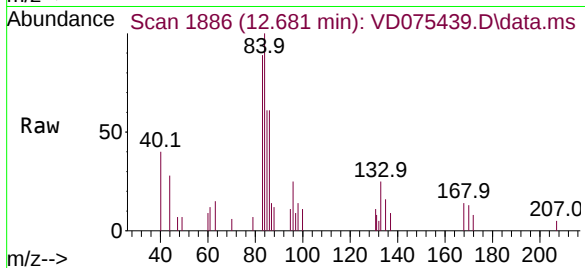
Tgt Ion: 83 Resp: 4842

Ion Ratio Lower Upper

83 100

85 68.6 46.3 85.9

131 20.9 8.1 12.1#



#59

Bromoform

Concen: 1.173 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

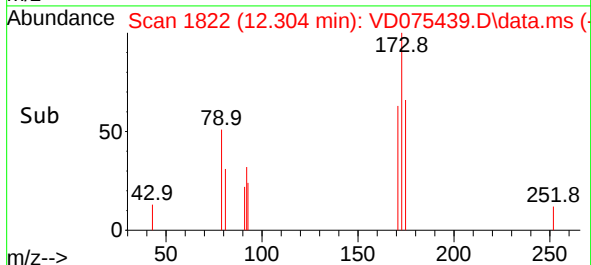
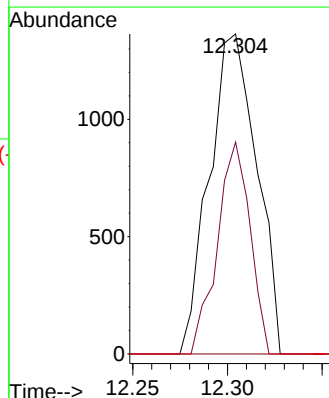
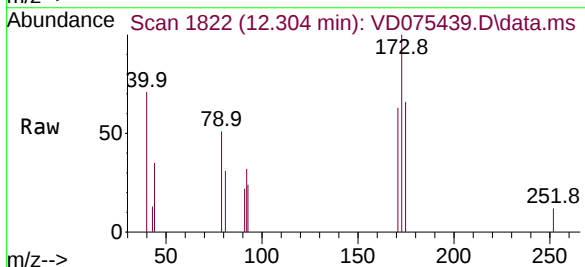
Tgt Ion: 173 Resp: 2376

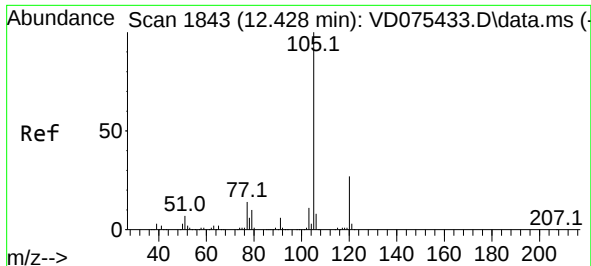
Ion Ratio Lower Upper

173 100

175 45.7 39.3 58.9

254 0.0 7.3 10.9#

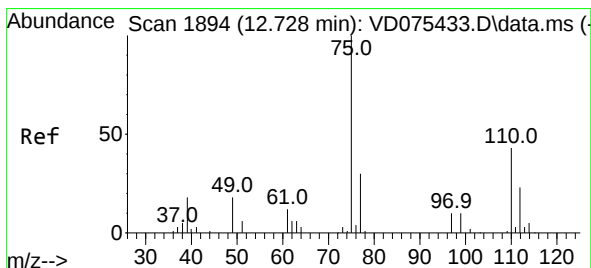
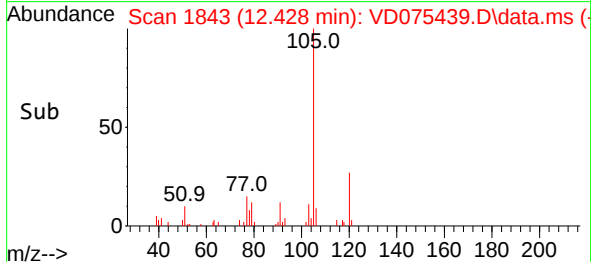
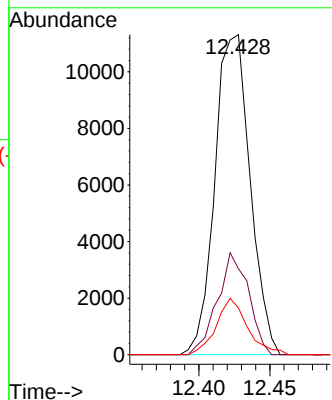
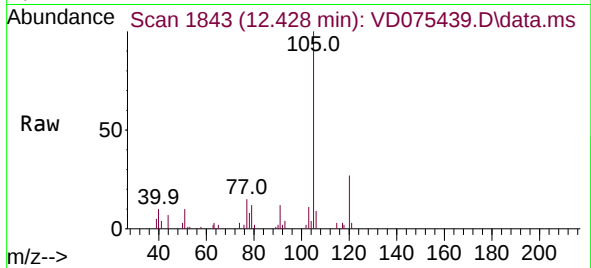




#60
Isopropylbenzene
Concen: 1.035 ug/L
RT: 12.428 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

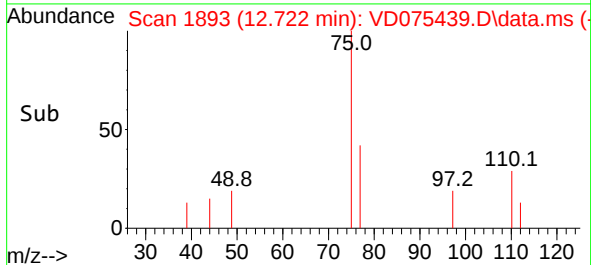
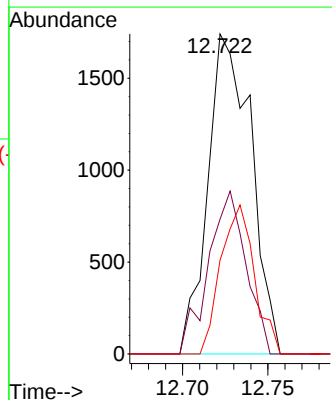
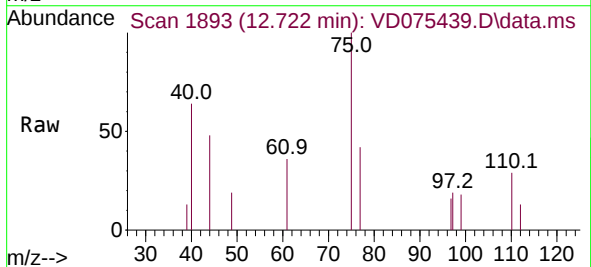
Instrument :
MSVOA_D
ClientSampleId :
MDL03

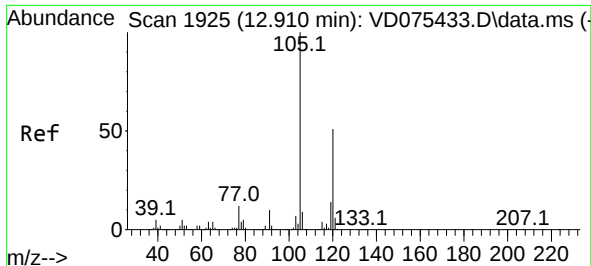
Tgt Ion:	105	Resp:	19539
Ion	Ratio	Lower	Upper
105	100		
120	28.2	21.8	32.6
77	15.6	11.3	16.9



#61
1,2,3-Trichloropropane
Concen: 1.368 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion:	75	Resp:	3077
Ion	Ratio	Lower	Upper
75	100		
77	44.4	26.2	39.4
110	36.0	33.2	49.8





#62

1,3,5-Trimethylbenzene

Concen: 1.030 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

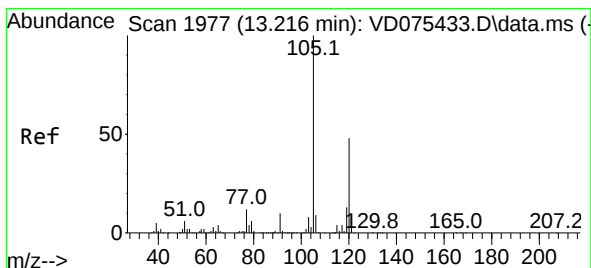
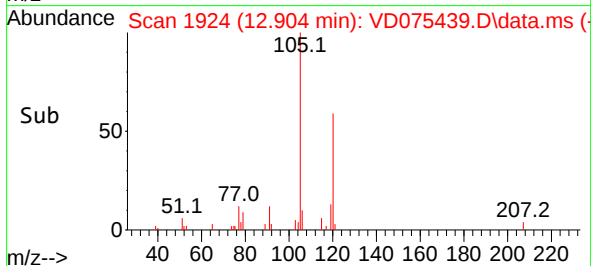
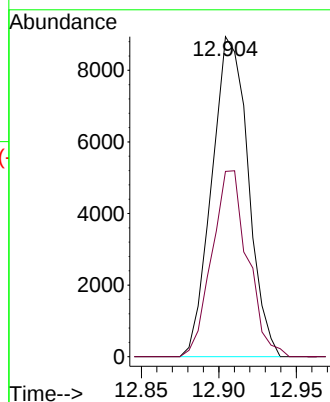
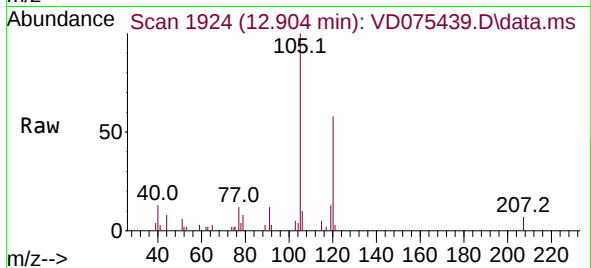
MDL03

Tgt Ion:105 Resp: 14594

Ion Ratio Lower Upper

105 100

120 57.2 40.6 60.8



#63

1,2,4-Trimethylbenzene

Concen: 0.978 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075439.D

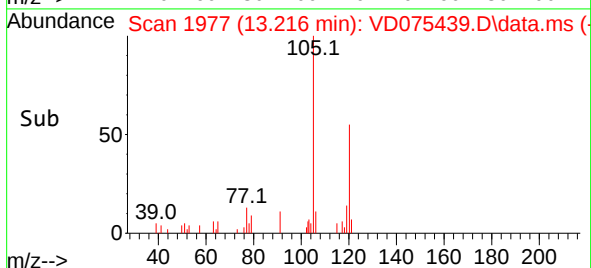
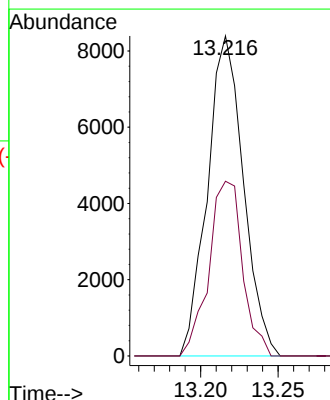
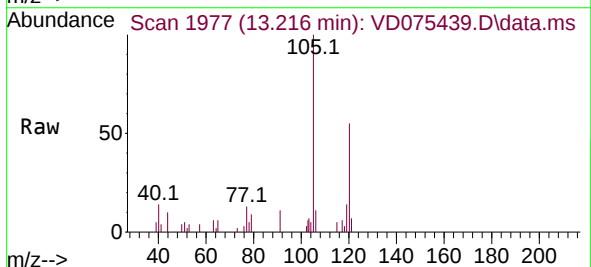
Acq: 02 Mar 2023 13:01

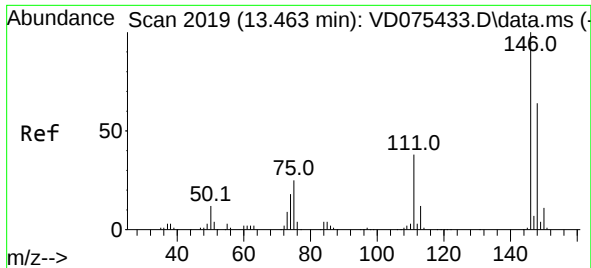
Tgt Ion:105 Resp: 13552

Ion Ratio Lower Upper

105 100

120 51.0 38.2 57.2

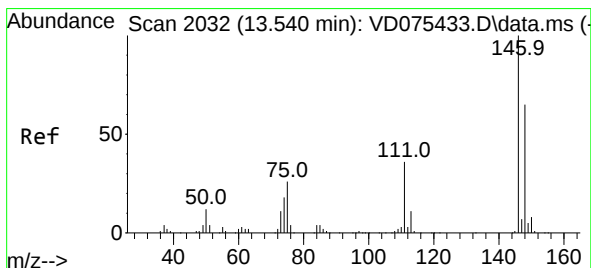
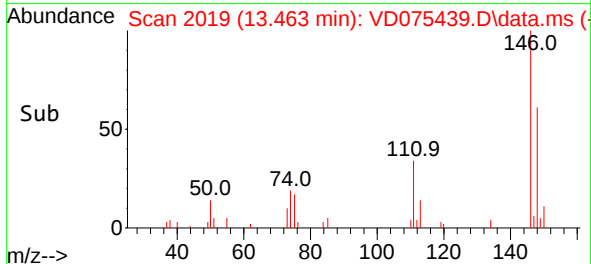
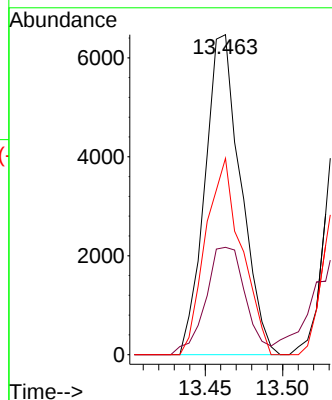
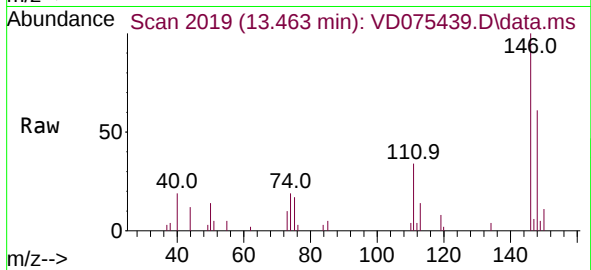




#64
1,3-Dichlorobenzene
Concen: 1.246 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

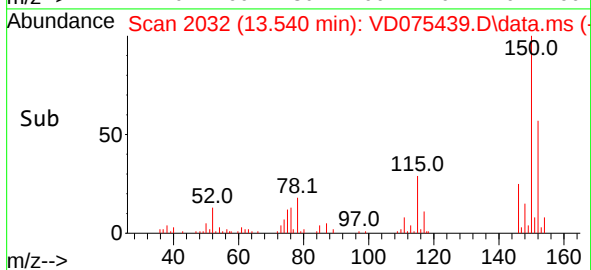
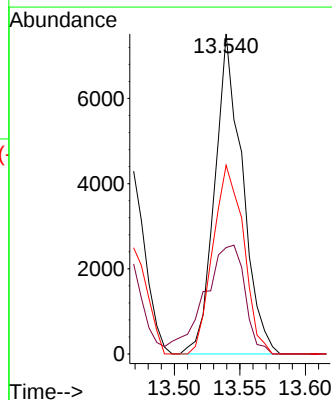
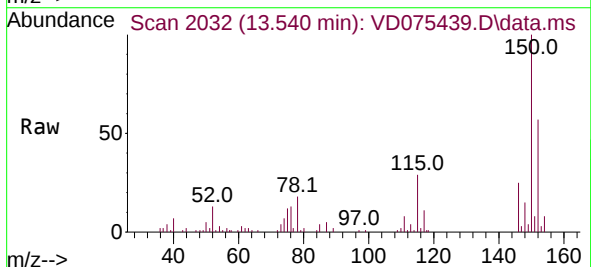
Instrument :
MSVOA_D
ClientSampleId :
MDL03

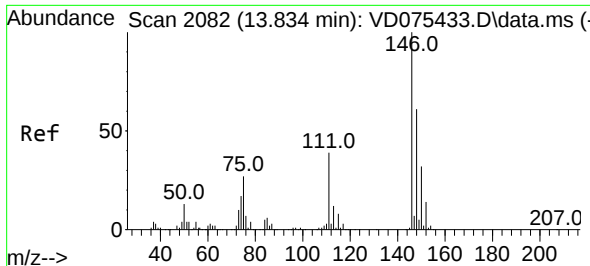
Tgt Ion:146 Resp: 10407
Ion Ratio Lower Upper
146 100
111 33.5 26.0 48.2
148 61.4 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 1.280 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion:146 Resp: 10997
Ion Ratio Lower Upper
146 100
111 33.2 24.8 46.1
148 58.9 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 1.289 ug/L

RT: 13.839 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

MDL03

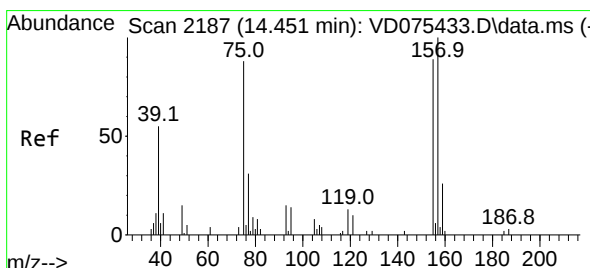
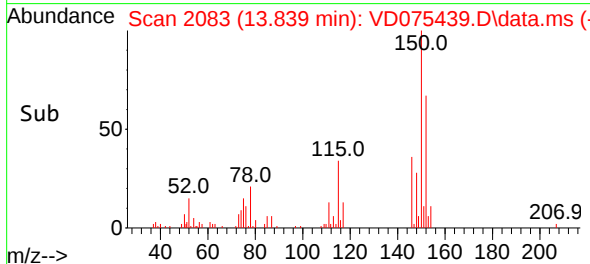
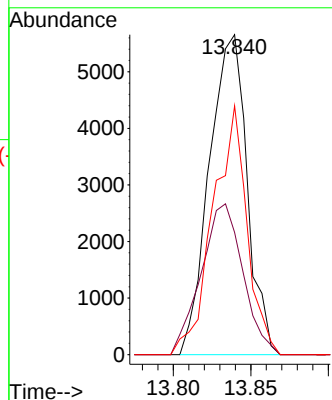
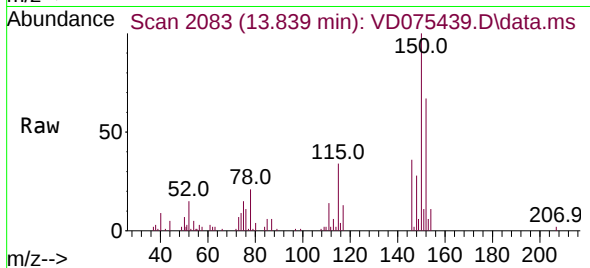
Tgt Ion:146 Resp: 9593

Ion Ratio Lower Upper

146 100

111 38.2 31.0 46.6

148 77.7 50.4 75.6#



#68

1,2-Dibromo-3-chloropropane

Concen: 2.413 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.141 min

Lab File: VD075439.D

Acq: 02 Mar 2023 13:01

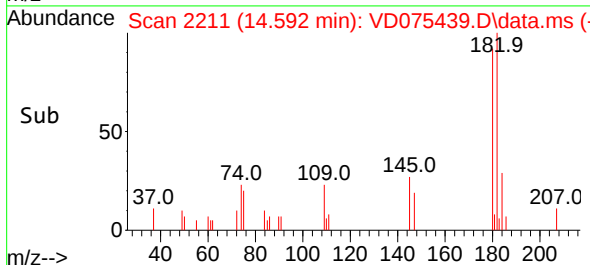
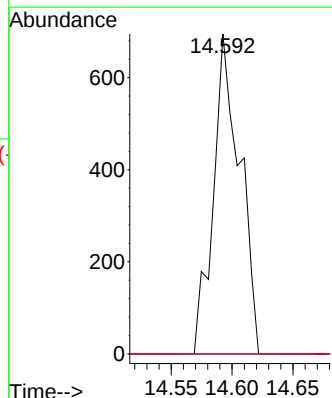
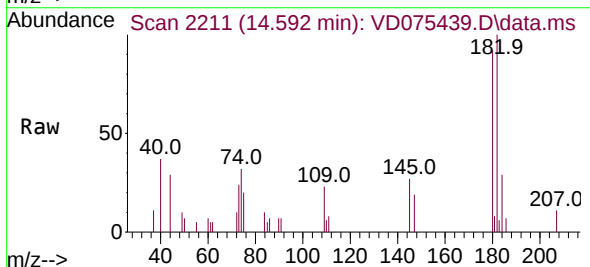
Tgt Ion: 75 Resp: 1054

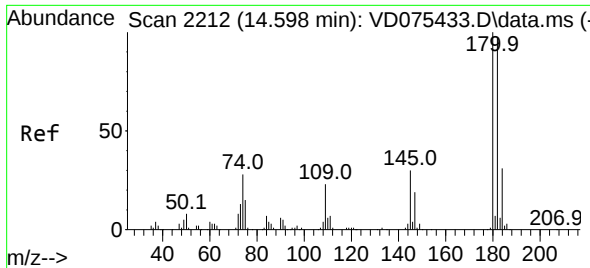
Ion Ratio Lower Upper

75 100

155 0.0 71.3 106.9#

157 0.0 85.8 128.6#

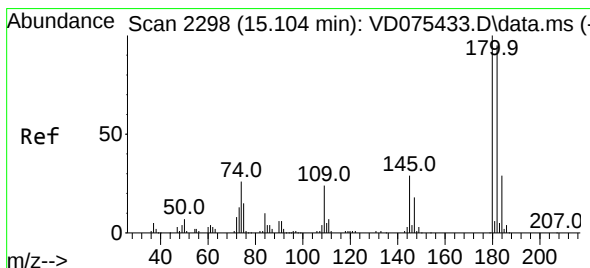
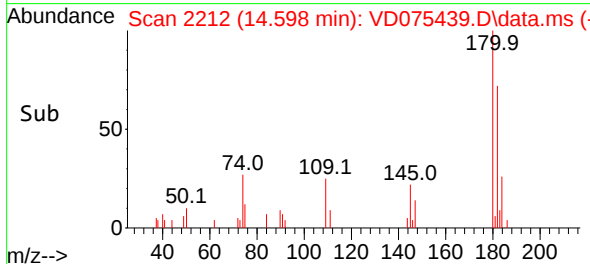
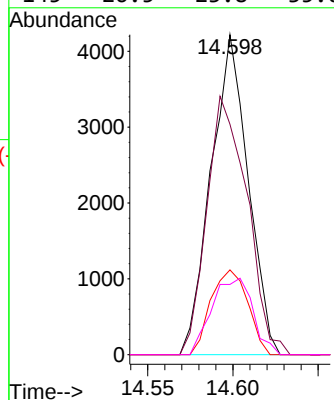
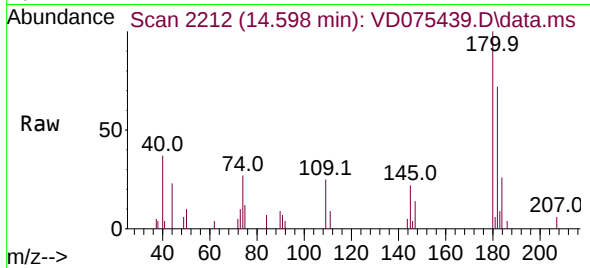




#69
 1,3,5-Trichlorobenzene
 Concen: 1.217 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

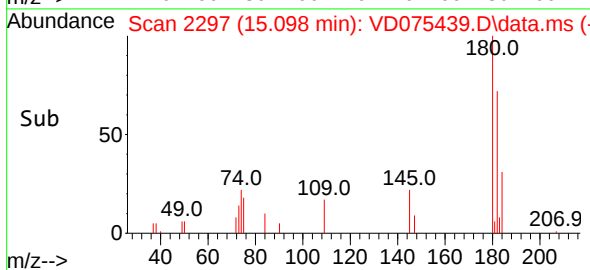
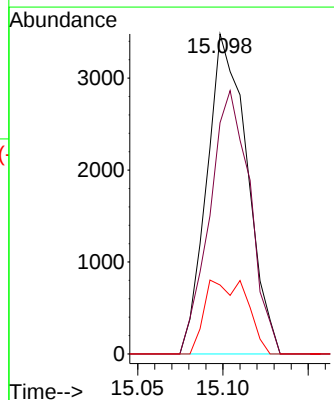
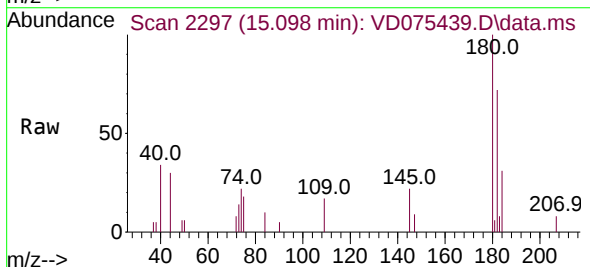
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL03

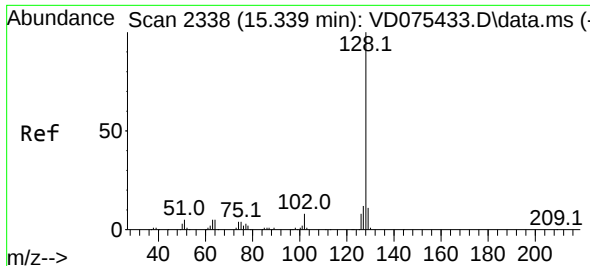
Tgt Ion:180	Resp:	6371
Ion	Ratio	Lower Upper
180	100	
182	87.7	76.5 114.7
184	26.4	23.6 35.4
145	26.5	23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 1.353 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075439.D
 Acq: 02 Mar 2023 13:01

Tgt Ion:180	Resp:	5695
Ion	Ratio	Lower Upper
180	100	
182	83.0	74.3 111.5
145	15.3	23.0 34.6#

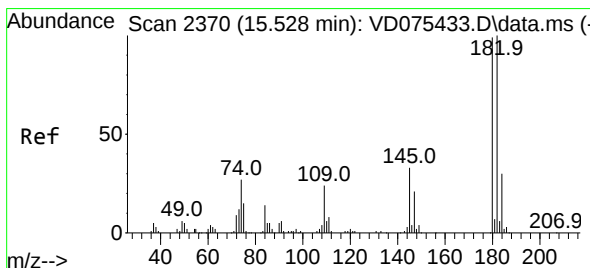
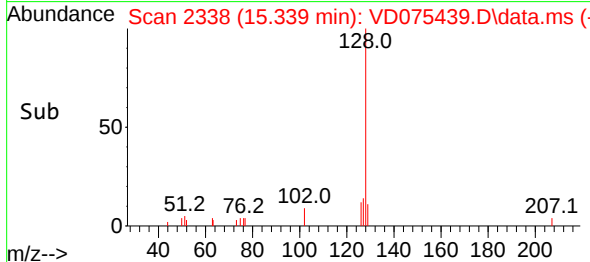
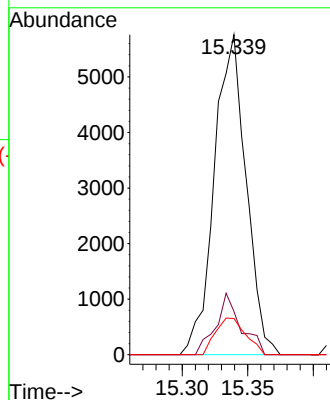
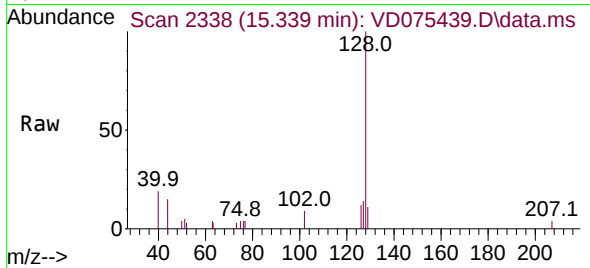




#71
Naphthalene
Concen: 1.163 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
MDL03

Tgt Ion:128 Resp: 9712
Ion Ratio Lower Upper
128 100
127 13.9 10.1 15.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.252 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075439.D
Acq: 02 Mar 2023 13:01

Tgt Ion:180 Resp: 4645
Ion Ratio Lower Upper
180 100
182 101.2 75.3 112.9
145 29.3 25.1 37.7

