

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075438.D
 Acq On : 02 Mar 2023 12:32
 Operator : KP/SY
 Sample : MDL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

Quant Time: Mar 03 05:02:35 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	290324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260746	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	114324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	140437	19.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
7) Chloroethane-d5	2.811	69	129736	20.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	3.922	63	102550	15.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.920%
21) 2-Butanone-d5	6.993	46	30291	45.345	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.680%
24) Chloroform-d	7.569	84	166132	21.835	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	8.228	65	73175	22.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	8.204	84	339446	21.921	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.210	67	100437	22.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	10.275	98	303282	21.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.880%
43) trans-1,3-Dichloroprop...	10.528	79	39690	22.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.881	63	26568	42.079	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80810	22.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.822	152	93885	23.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	5560	1.245	ug/L	94
3) Chloromethane	2.152	50	7550	1.005	ug/L	93
5) Vinyl chloride	2.287	62	11254	1.191	ug/L #	80
6) Bromomethane	2.705	94	7545	1.685	ug/L	98
8) Chloroethane	2.840	64	7105	1.196	ug/L	90
9) Trichlorofluoromethane	3.187	101	7908	1.118	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	2213	0.453	ug/L #	78
12) 1,1-Dichloroethene	3.940	96	5469	1.271	ug/L #	1
13) Acetone	4.016	43	1155	1.531	ug/L	62
14) Carbon disulfide	4.269	76	14232	1.183	ug/L	98
15) Methyl Acetate	4.575	43	666	0.520	ug/L #	66
16) Methylene chloride	4.799	84	7672	1.251	ug/L	87
17) trans-1,2-Dichloroethene	5.305	96	2131	0.462	ug/L #	82
18) Methyl tert-butyl Ether	5.334	73	3960	0.462	ug/L #	61
19) 1,1-Dichloroethane	6.110	63	8652	1.109	ug/L #	92
20) cis-1,2-Dichloroethene	7.081	96	5926	1.138	ug/L	100
22) 2-Butanone	7.075	43	1283	1.340	ug/L	94
23) Bromochloromethane	7.428	128	2337	1.047	ug/L	90
25) Chloroform	7.604	83	10640	1.251	ug/L	88

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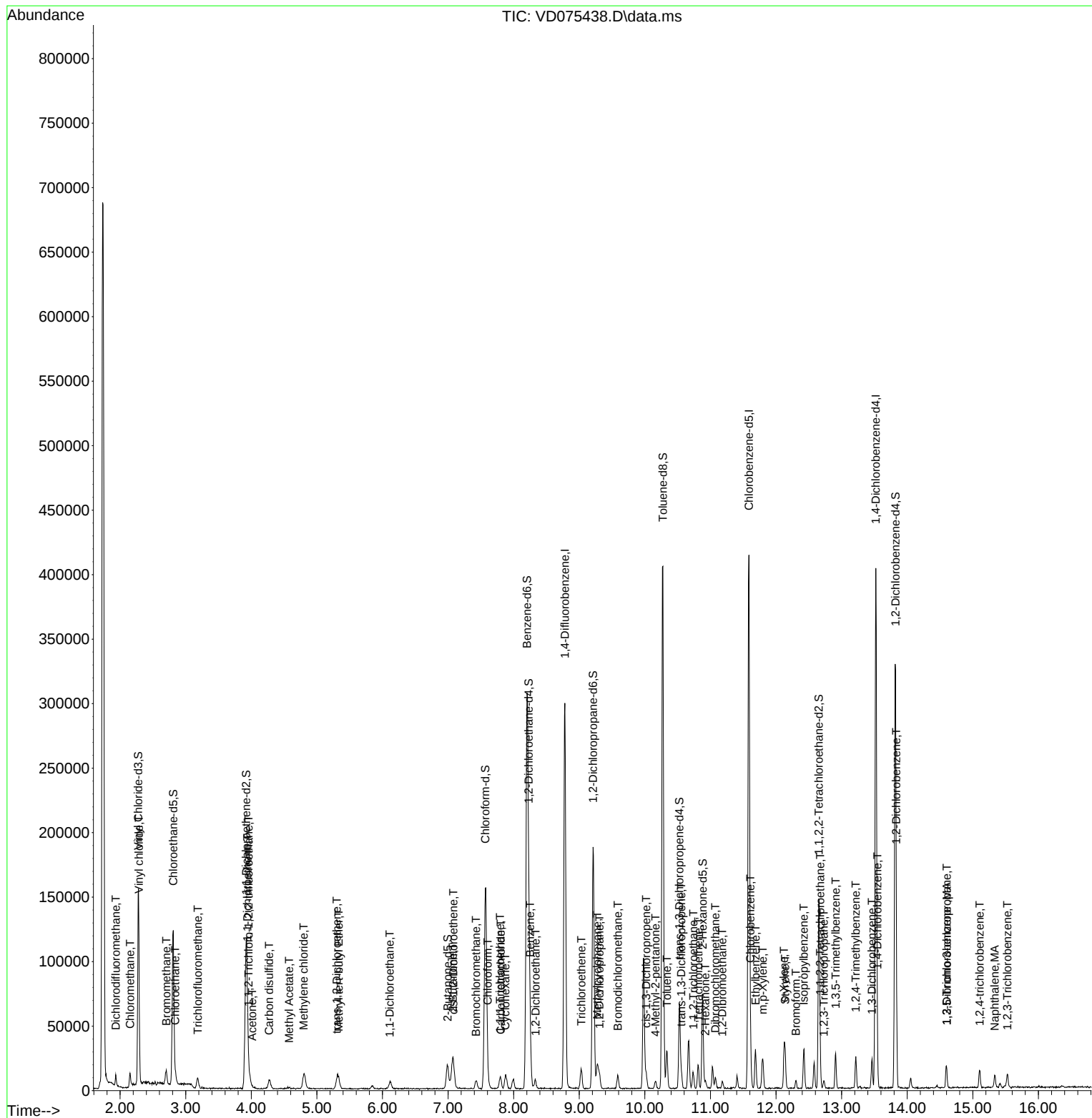
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.334	62	5104	1.113	ug/L #	84
29) Cyclohexane	7.875	56	3661	0.656	ug/L #	16
30) 1,1,1-Trichloroethane	7.793	97	7930	1.131	ug/L	96
31) Carbon tetrachloride	7.804	117	689	0.124	ug/L	96
33) Benzene	8.251	78	21832	1.165	ug/L	100
34) Trichloroethene	9.034	95	5839	1.193	ug/L	92
35) Methylcyclohexane	9.275	83	7918	1.036	ug/L	93
37) 1,2-Dichloropropane	9.310	63	5626	1.222	ug/L #	86
38) Bromodichloromethane	9.587	83	6715	1.102	ug/L #	96
39) cis-1,3-Dichloropropene	10.022	75	7161	1.016	ug/L	92
40) 4-Methyl-2-pentanone	10.163	43	3664	2.075	ug/L #	89
42) Toluene	10.340	91	22376	1.091	ug/L	92
44) trans-1,3-Dichloropropene	10.557	75	8104	1.396	ug/L	98
45) 1,1,2-Trichloroethane	10.740	97	4496	1.222	ug/L	96
46) Tetrachloroethene	10.816	164	3990	1.064	ug/L	93
48) 2-Hexanone	10.922	43	2975	2.290	ug/L #	91
49) Dibromochloromethane	11.075	129	4715	1.174	ug/L	95
50) 1,2-Dibromoethane	11.181	107	3708	1.115	ug/L #	90
51) Chlorobenzene	11.610	112	15375	1.153	ug/L	94
52) Ethylbenzene	11.687	91	21468	0.984	ug/L	94
53) m,p-Xylene	11.798	106	8105	0.943	ug/L	94
54) o-Xylene	12.122	106	7702	0.947	ug/L	91
55) Styrene	12.140	104	12376	0.857	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	4859	1.207	ug/L	97
59) Bromoform	12.304	173	2597	1.259	ug/L #	90
60) Isopropylbenzene	12.422	105	19168	0.997	ug/L	96
61) 1,2,3-Trichloropropane	12.728	75	3019	1.317	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.910	105	13642	0.945	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	14209	1.007	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	9556	1.124	ug/L #	91
65) 1,4-Dichlorobenzene	13.545	146	10941	1.250	ug/L	90
67) 1,2-Dichlorobenzene	13.834	146	9181	1.211	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.604	75	1060	2.382	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.604	180	5695	1.068	ug/L	93
70) 1,2,4-trichlorobenzene	15.104	180	4731	1.103	ug/L	90
71) Naphthalene	15.333	128	9378	1.103	ug/L	96
72) 1,2,3-Trichlorobenzene	15.528	180	4491	1.188	ug/L	99

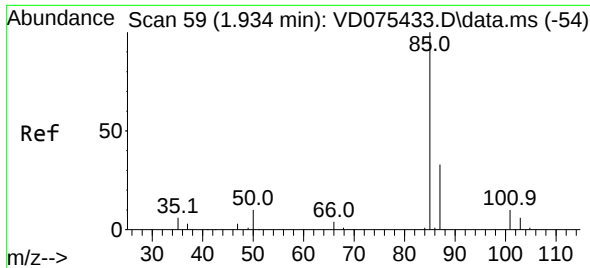
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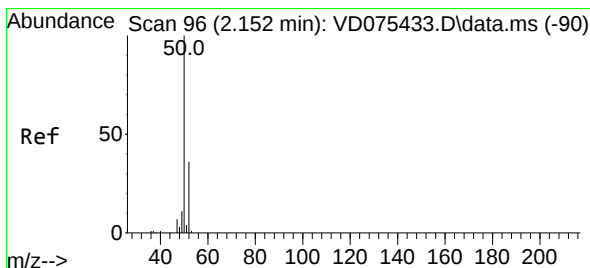
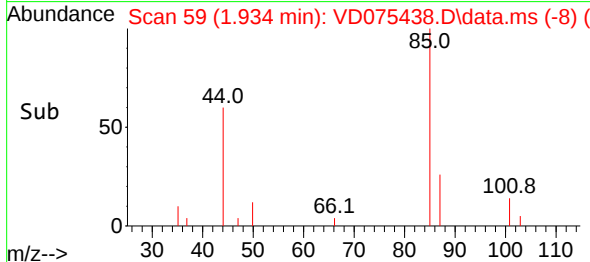
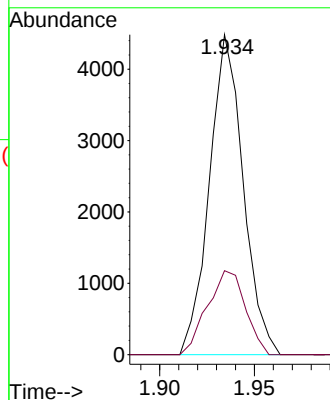
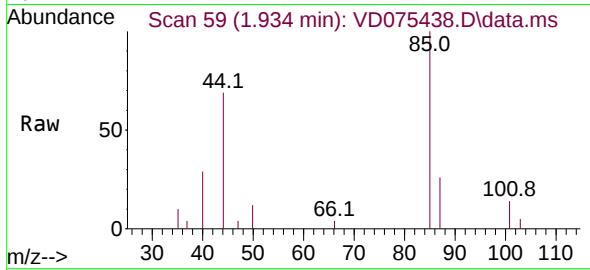




#2
 Dichlorodifluoromethane
 Concen: 1.245 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

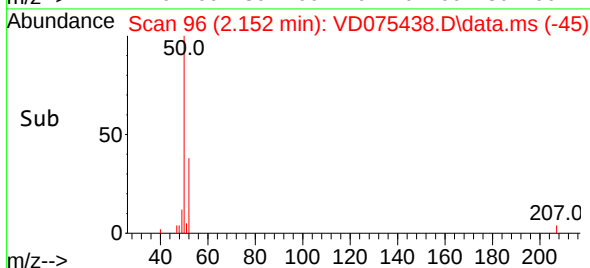
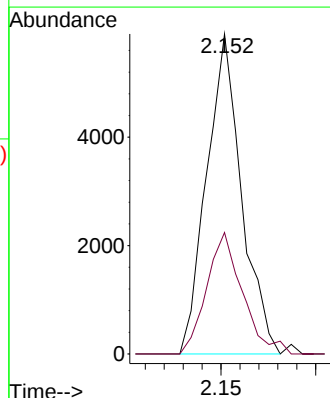
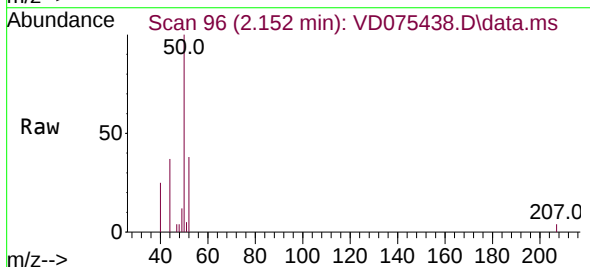
Instrument :
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 MDL02

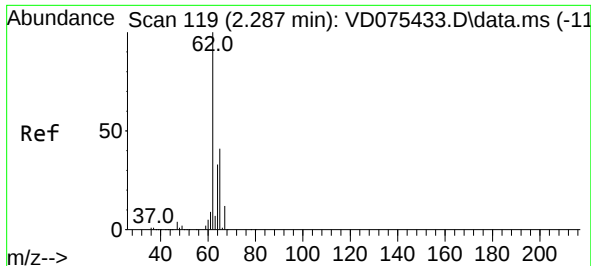
Tgt Ion: 85 Resp: 5560
 Ion Ratio Lower Upper
 85 100
 87 29.4 26.4 39.6



#3
 Chloromethane
 Concen: 1.005 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

Tgt Ion: 50 Resp: 7550
 Ion Ratio Lower Upper
 50 100
 52 37.9 23.7 43.9

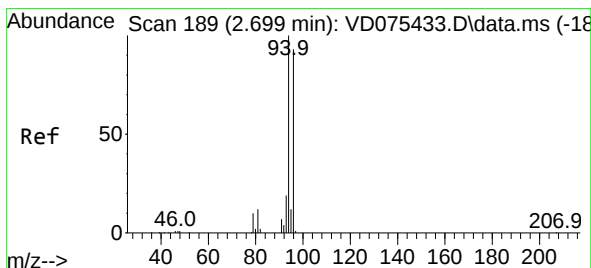
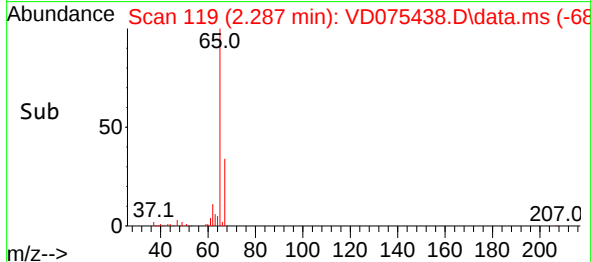
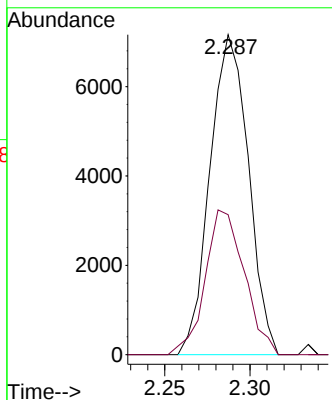
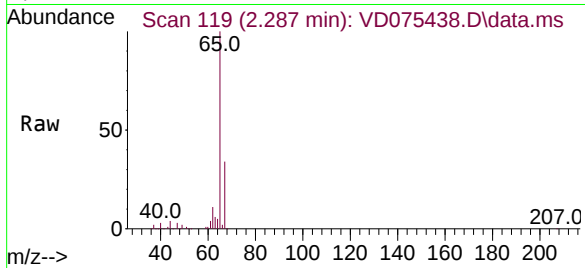




#5
 Vinyl chloride
 Concen: 1.191 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

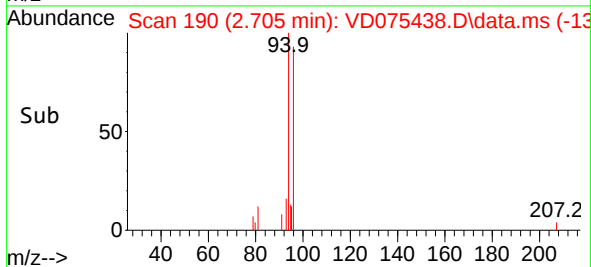
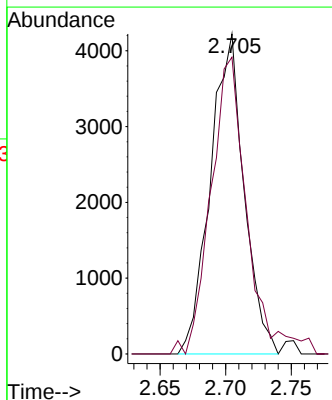
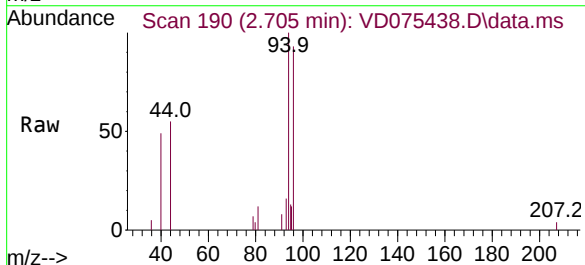
Instrument :
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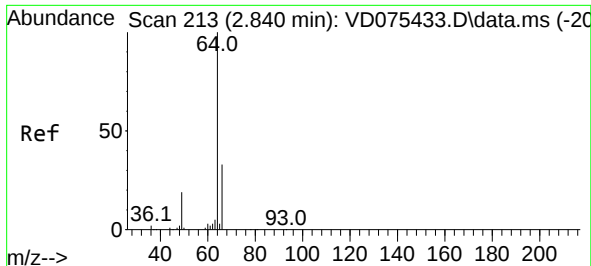
Tgt Ion: 62 Resp: 11254
 Ion Ratio Lower Upper
 62 100
 64 43.8 22.7 42.3#



#6
 Bromomethane
 Concen: 1.685 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

Tgt Ion: 94 Resp: 7545
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.9 122.5

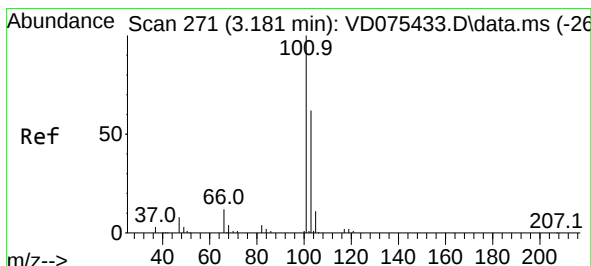
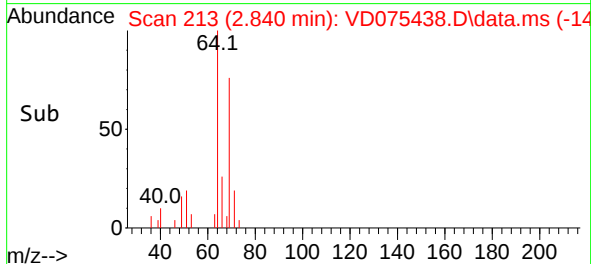
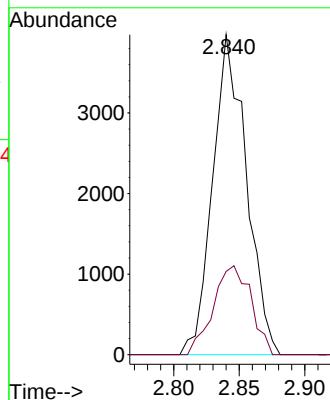
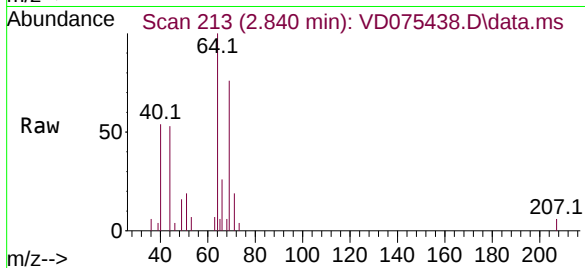




#8
Chloroethane
Concen: 1.196 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

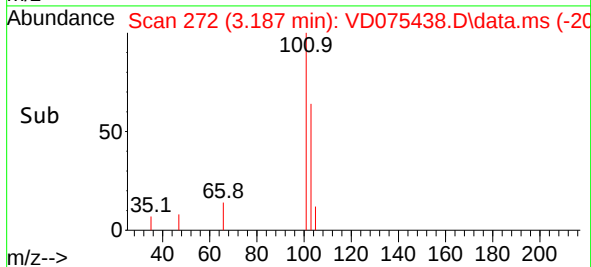
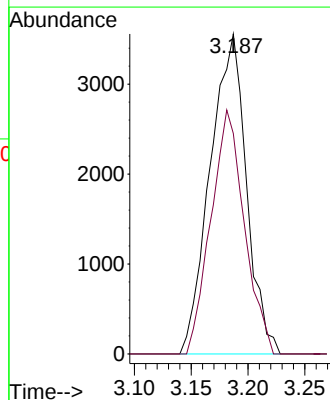
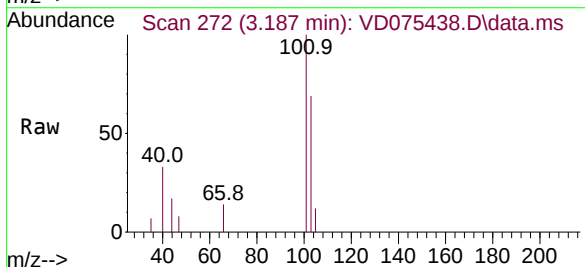
Instrument :
MSVOA_D
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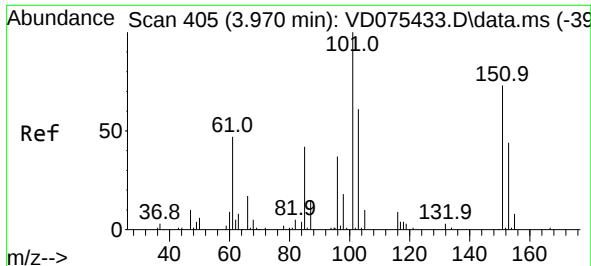
Tgt Ion: 64 Resp: 7105
Ion Ratio Lower Upper
64 100
66 26.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 1.118 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 101 Resp: 7908
Ion Ratio Lower Upper
101 100
103 70.4 51.8 77.8

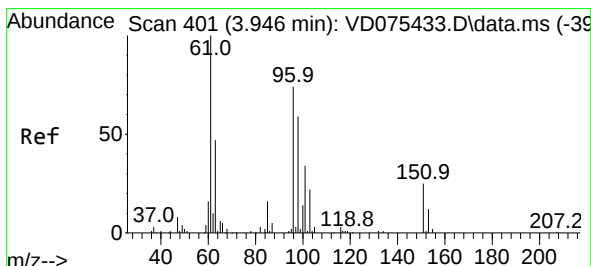
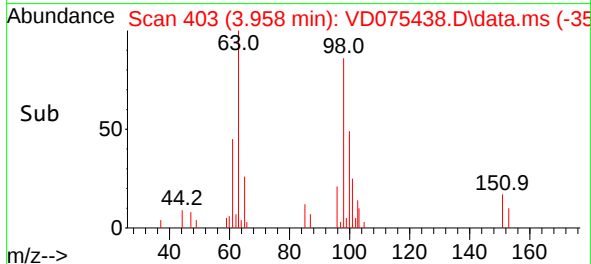
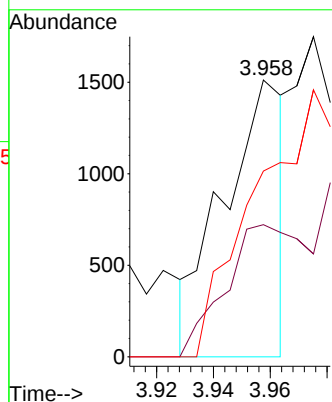
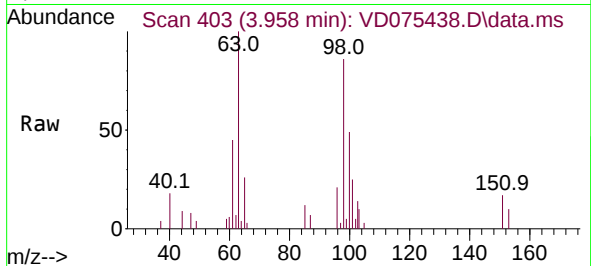




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.453 ug/L
 RT: 3.958 min Scan# 405
 Delta R.T. -0.012 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

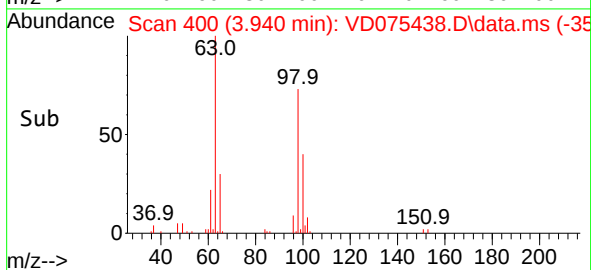
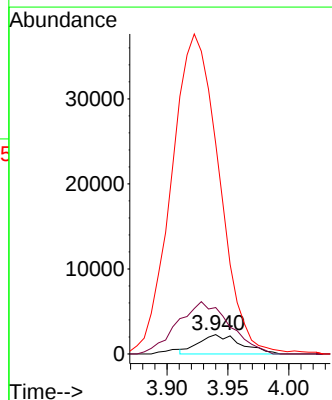
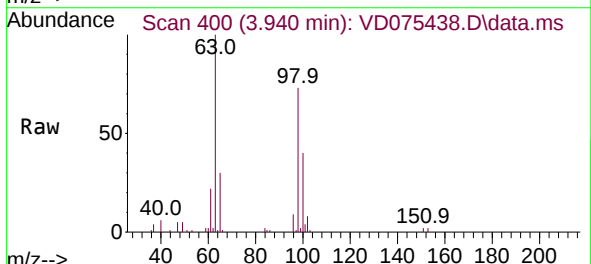
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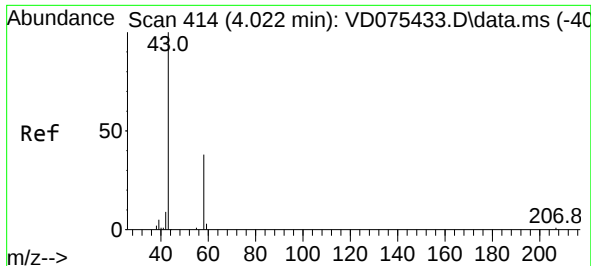
Tgt Ion:101 Resp: 2213
 Ion Ratio Lower Upper
 101 100
 85 66.2 34.0 51.0#
 151 79.0 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 1.271 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

Tgt Ion: 96 Resp: 5469
 Ion Ratio Lower Upper
 96 100
 61 239.8 97.5 181.1#
 63 1085.4 62.4 116.0#

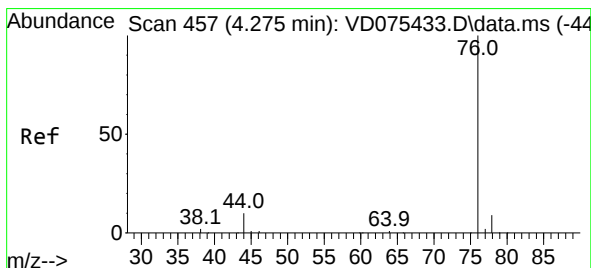
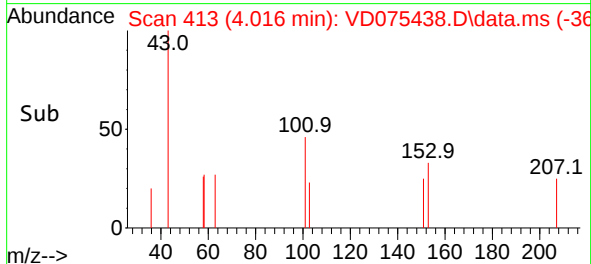
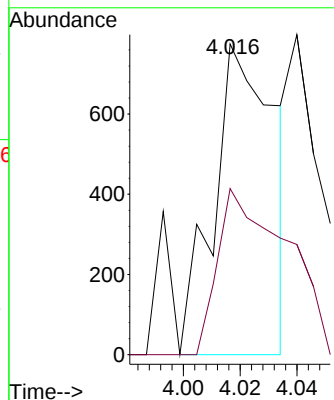
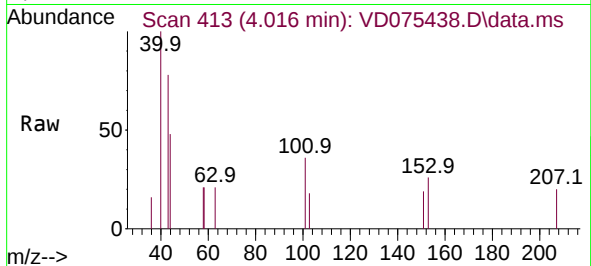




#13
Acetone
Concen: 1.531 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

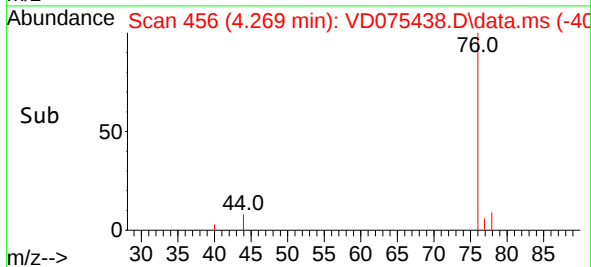
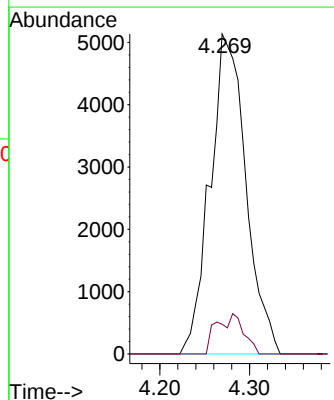
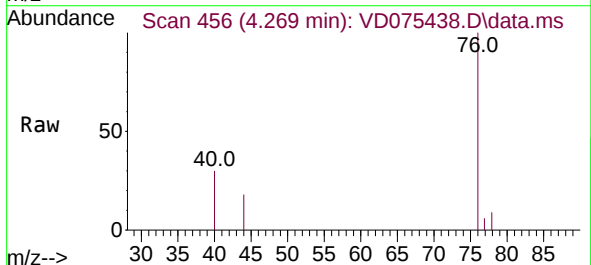
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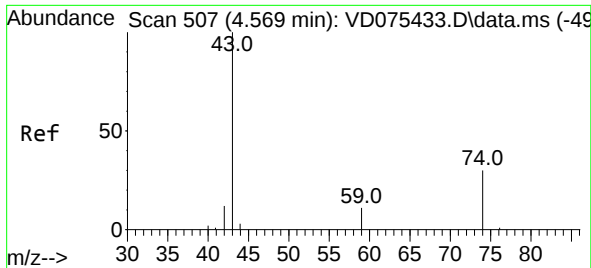
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 60.6 0.0 75.4



#14
Carbon disulfide
Concen: 1.183 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 14232
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

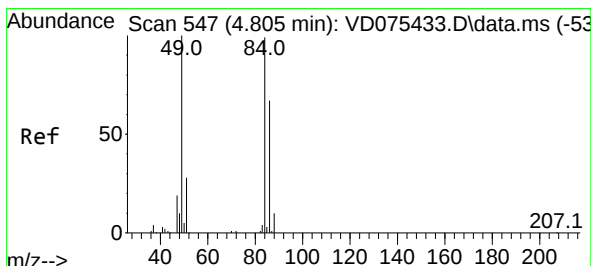
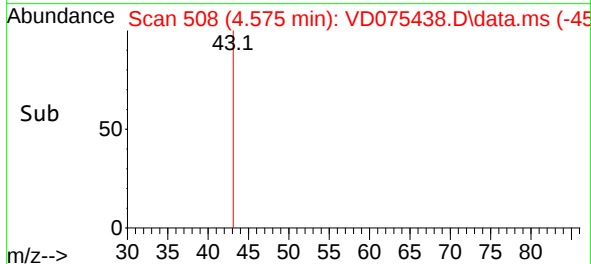
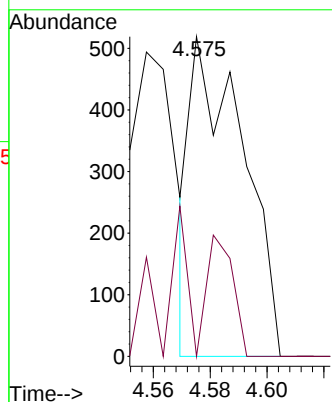
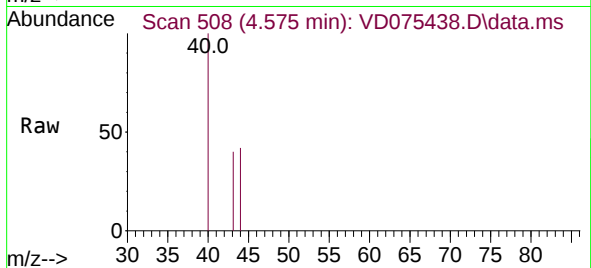




#15
Methyl Acetate
Concen: 0.520 ug/L
RT: 4.575 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

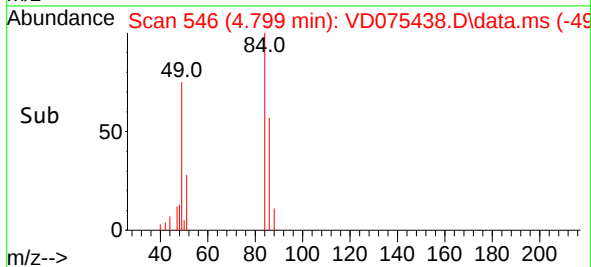
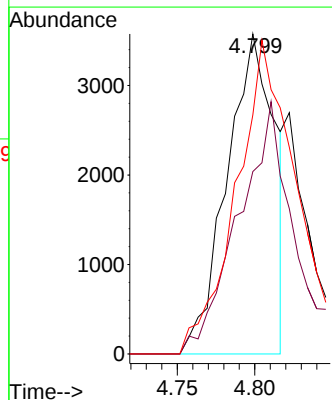
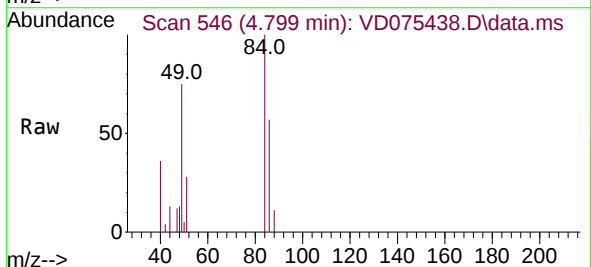
Instrument :
MSVOA_D
ClientSampleId :
MDL02

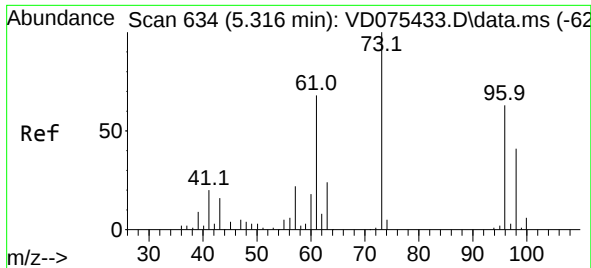
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
74 12.9 25.7 38.5#



#16
Methylene chloride
Concen: 1.251 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 84 Resp: 7672
Ion Ratio Lower Upper
84 100
86 57.0 44.2 82.2
49 74.7 63.6 118.2

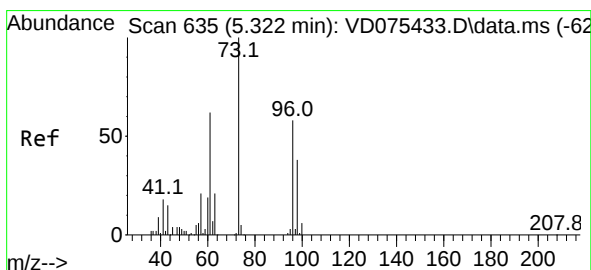
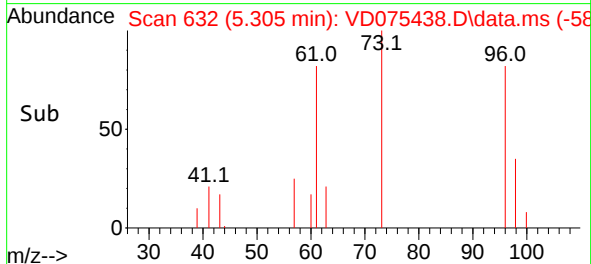
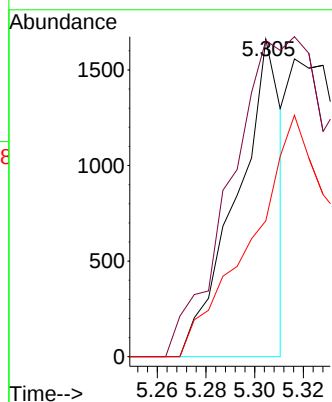
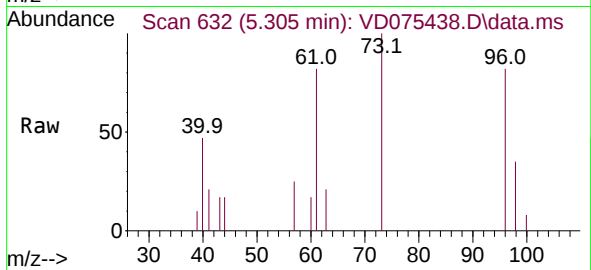




#17
trans-1,2-Dichloroethene
Concen: 0.462 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

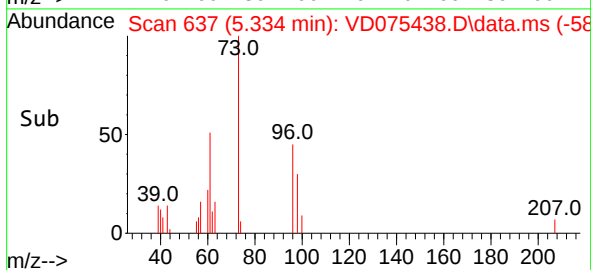
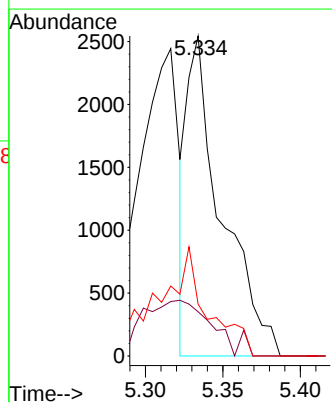
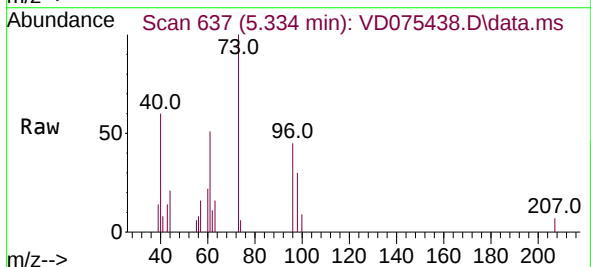
Instrument :
MSVOA_D
ClientSampleId :
MDL02

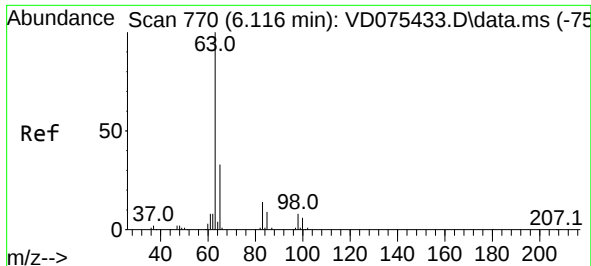
Tgt Ion: 96 Resp: 2131
Ion Ratio Lower Upper
96 100
61 99.6 77.8 144.6
98 42.8 47.0 87.4#



#18
Methyl tert-butyl Ether
Concen: 0.462 ug/L
RT: 5.334 min Scan# 637
Delta R.T. 0.012 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 73 Resp: 3960
Ion Ratio Lower Upper
73 100
43 24.3 12.1 18.1#
57 45.4 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 1.109 ug/L

RT: 6.110 min Scan# 770

Delta R.T. -0.006 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

MDL02

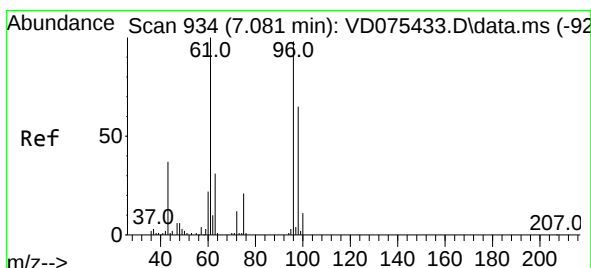
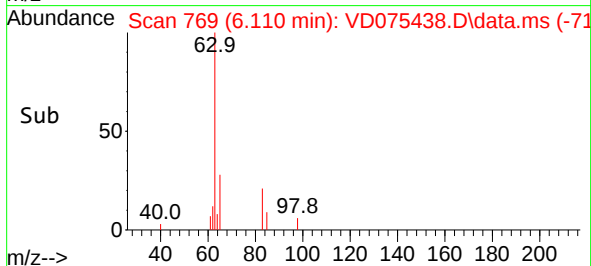
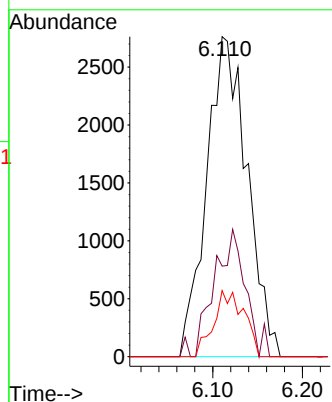
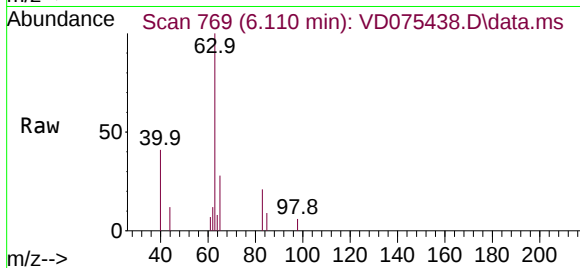
Tgt Ion: 63 Resp: 8652

Ion Ratio Lower Upper

63 100

65 28.3 21.1 39.3

83 20.6 9.3 17.3#



#20

cis-1,2-Dichloroethene

Concen: 1.138 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

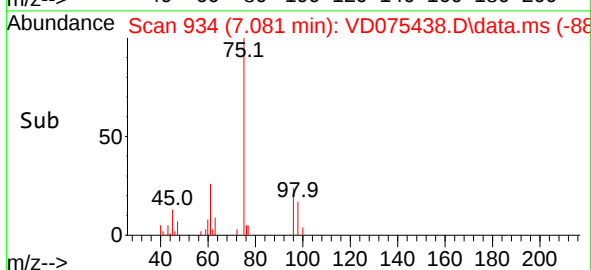
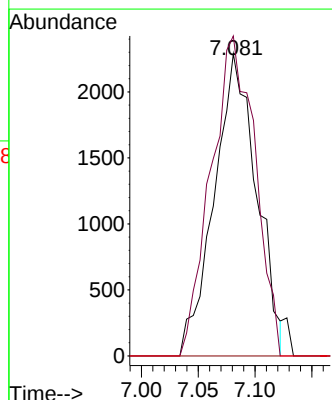
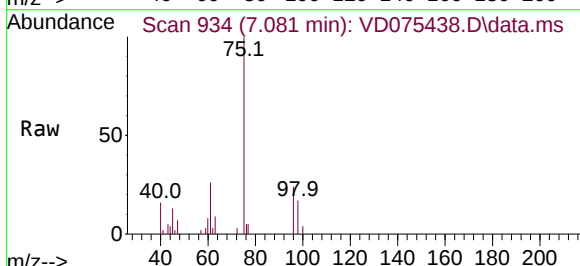
Tgt Ion: 96 Resp: 5926

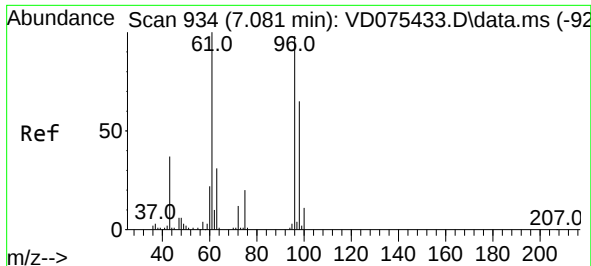
Ion Ratio Lower Upper

96 100

61 105.9 73.9 137.3

68 0.0 0.0 0.0

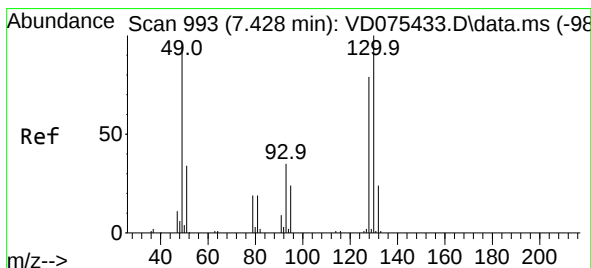
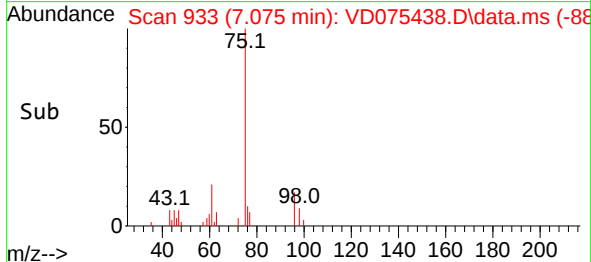
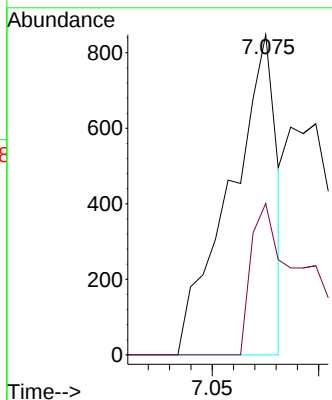
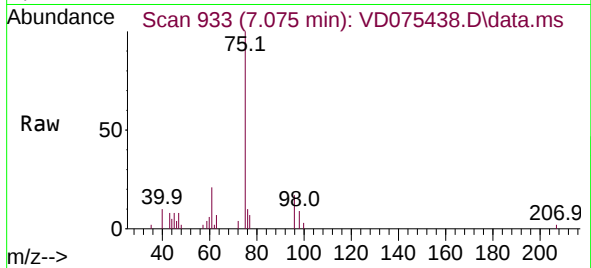




#22
2-Butanone
Concen: 1.340 ug/L
RT: 7.075 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

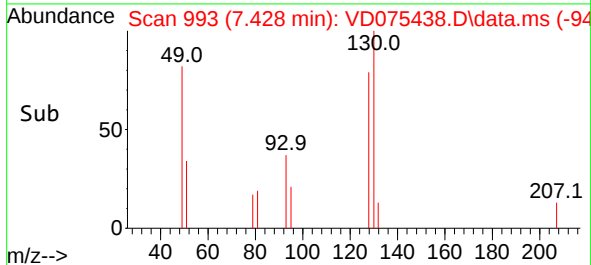
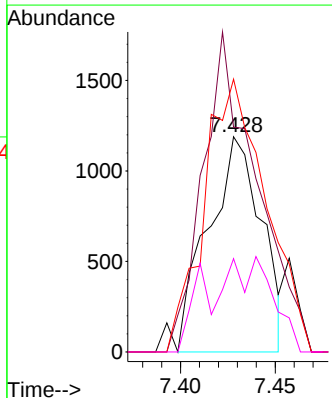
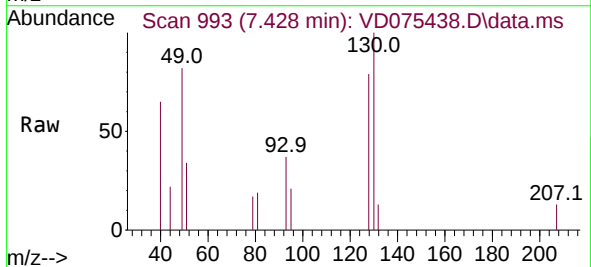
Instrument :
MSVOA_D
ClientSampleId :
MDL02

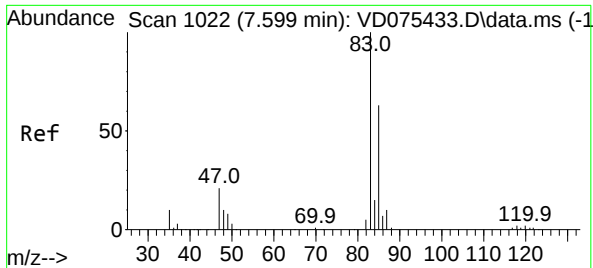
Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
72 33.1 18.3 54.9



#23
Bromochloromethane
Concen: 1.047 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:128 Resp: 2337
Ion Ratio Lower Upper
128 100
49 104.5 84.2 156.4
130 126.7 82.5 153.1
51 43.3 35.1 52.7

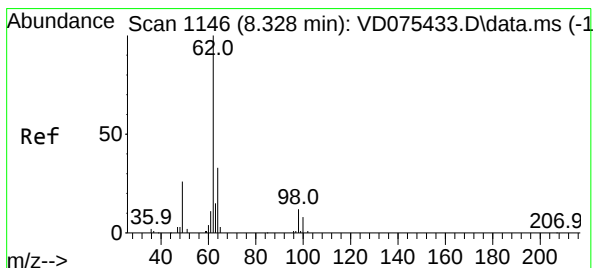
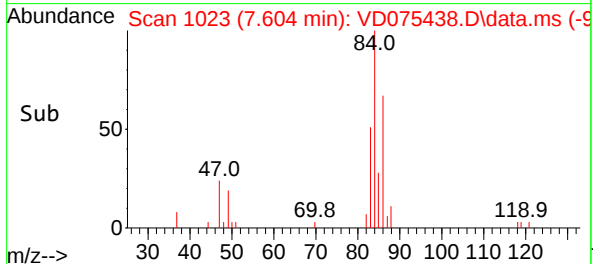
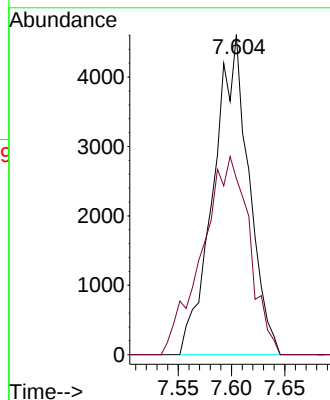
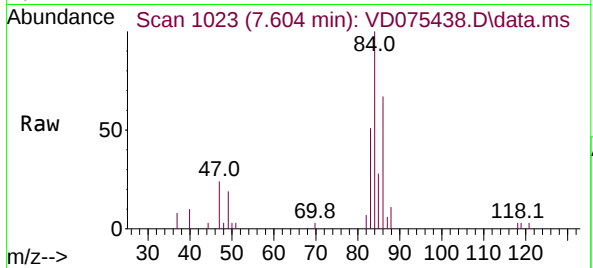




#25
Chloroform
Concen: 1.251 ug/L
RT: 7.604 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

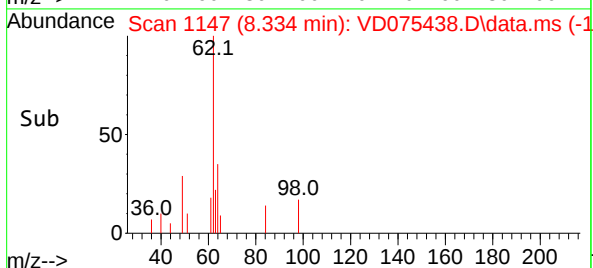
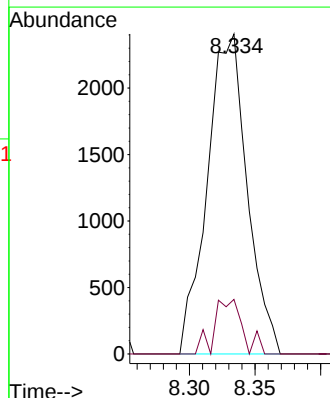
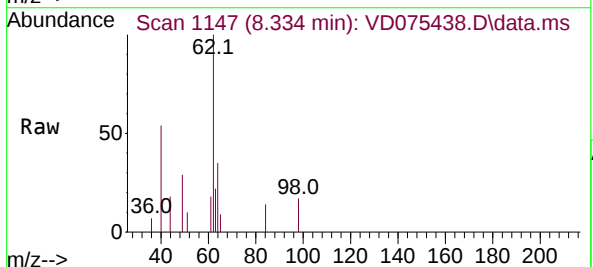
Instrument :
MSVOA_D
ClientSampleId :
MDL02

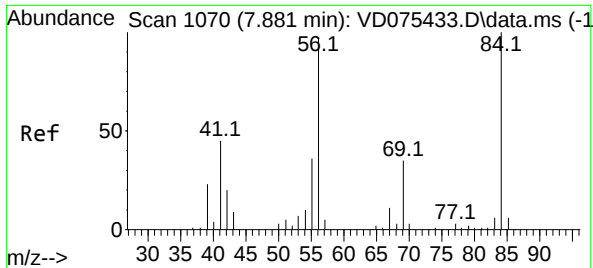
Tgt Ion: 83 Resp: 10640
Ion Ratio Lower Upper
83 100
85 55.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 1.113 ug/L
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 62 Resp: 5104
Ion Ratio Lower Upper
62 100
98 17.1 8.8 13.2#

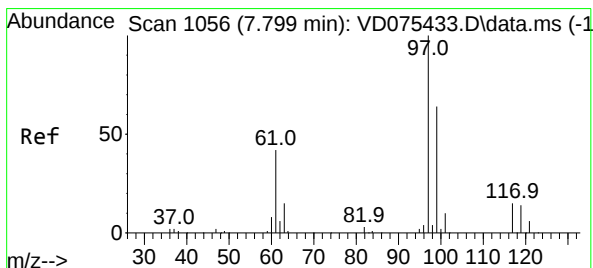
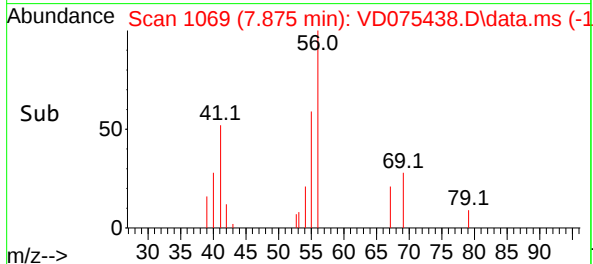
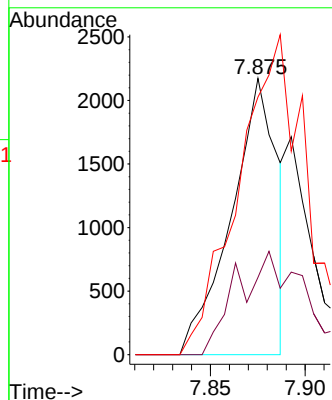
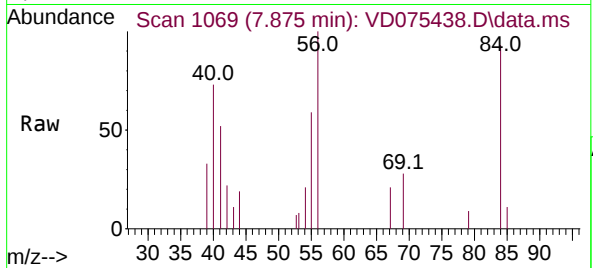




#29
Cyclohexane
Concen: 0.656 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

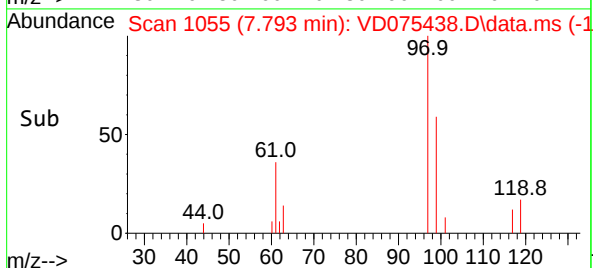
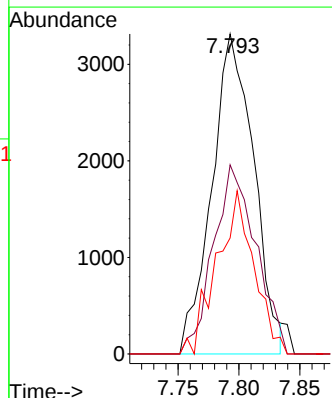
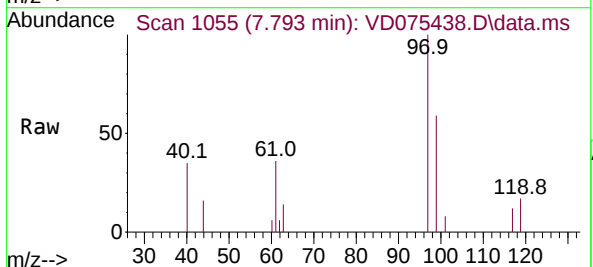
Instrument :
MSVOA_D
ClientSampleId :
MDL02

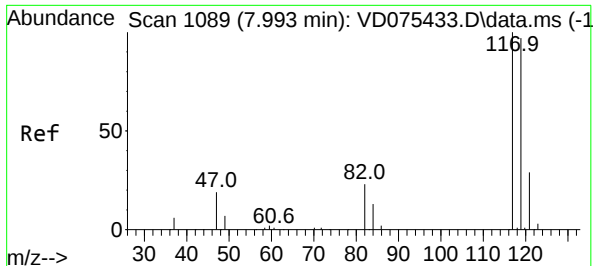
Tgt Ion: 56 Resp: 3661
Ion Ratio Lower Upper
56 100
69 18.7 27.0 40.6#
84 0.0 85.0 127.6#



#30
1,1,1-Trichloroethane
Concen: 1.131 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 97 Resp: 7930
Ion Ratio Lower Upper
97 100
99 60.0 51.0 76.4
61 44.5 34.0 51.0

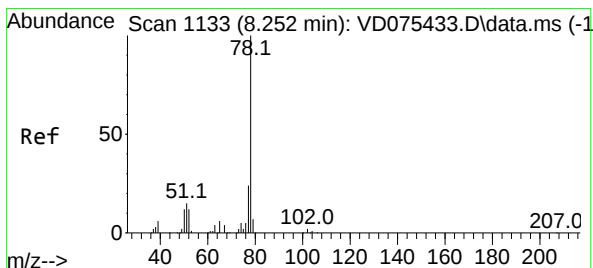
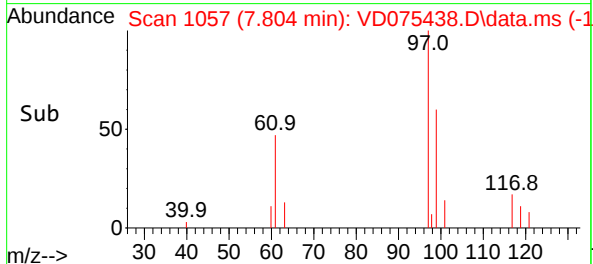
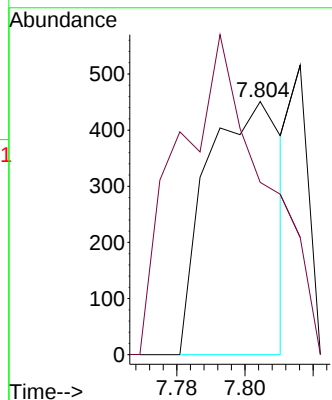
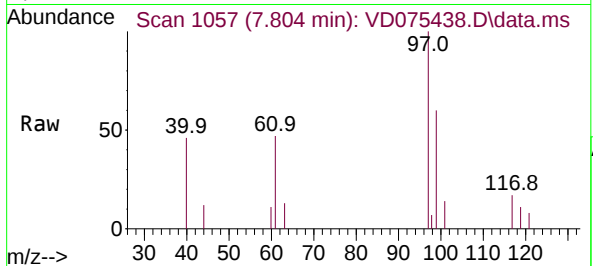




#31
Carbon tetrachloride
Concen: 0.124 ug/L
RT: 7.804 min Scan# 1089
Delta R.T. -0.188 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

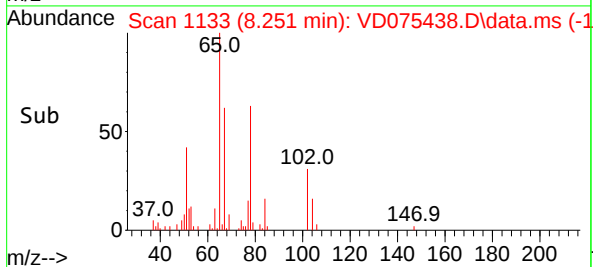
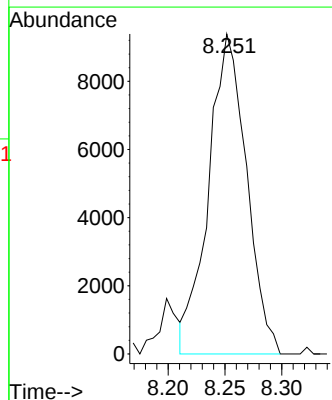
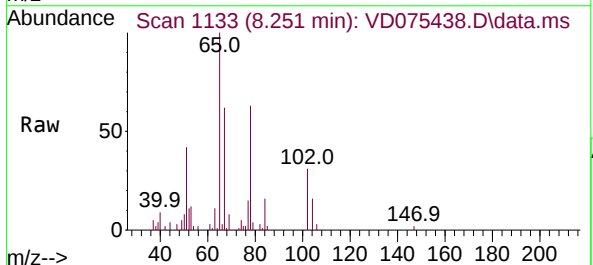
Instrument :
MSVOA_D
ClientSampleId :
MDL02

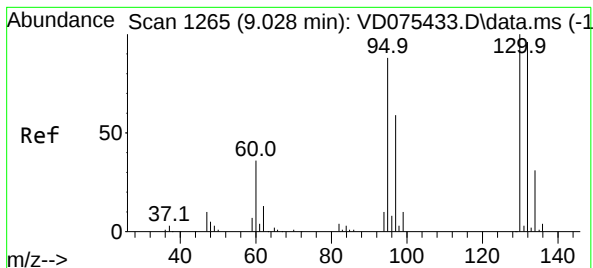
Tgt Ion:117 Resp: 689
Ion Ratio Lower Upper
117 100
119 91.0 76.2 114.2



#33
Benzene
Concen: 1.165 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 78 Resp: 21832





#34

Trichloroethene

Concen: 1.193 ug/L

RT: 9.034 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion: 95 Resp: 5839

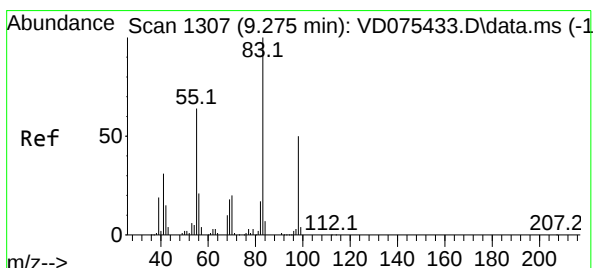
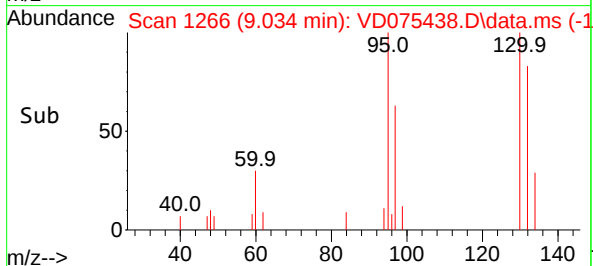
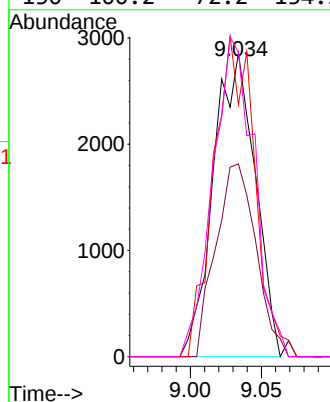
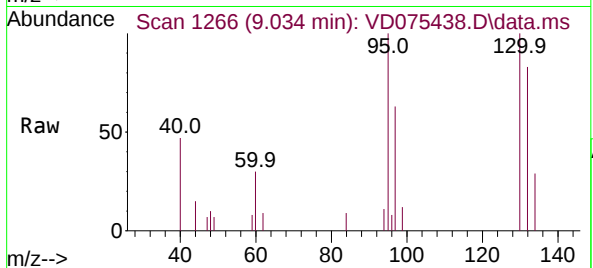
Ion Ratio Lower Upper

95 100

97 63.4 44.7 83.1

132 83.0 70.0 130.0

130 100.2 72.2 134.2



#35

Methylcyclohexane

Concen: 1.036 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

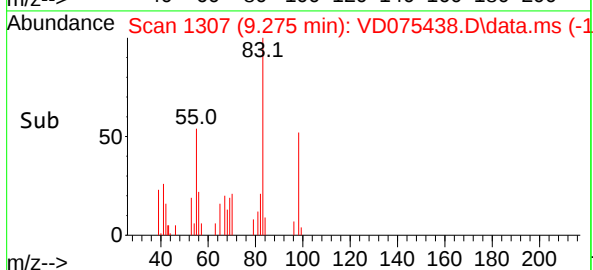
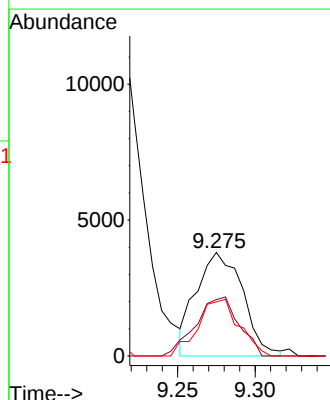
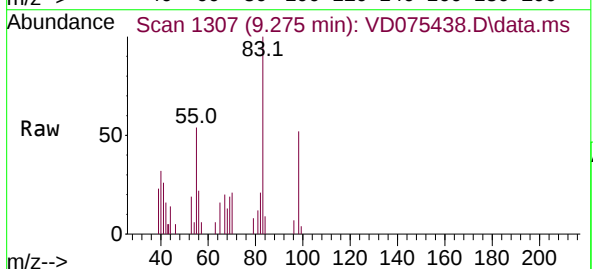
Tgt Ion: 83 Resp: 7918

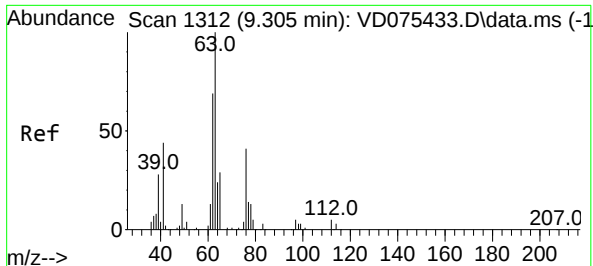
Ion Ratio Lower Upper

83 100

55 52.9 49.3 73.9

98 48.8 39.8 59.6

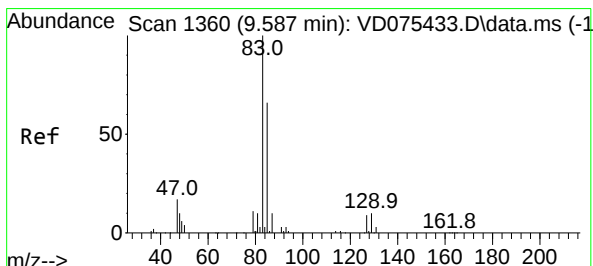
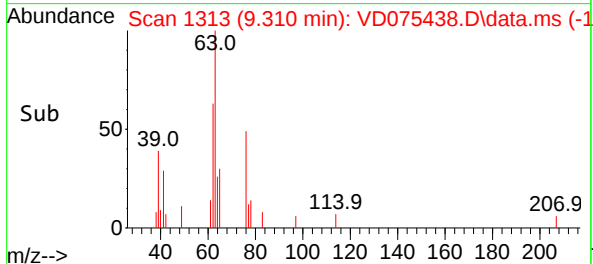
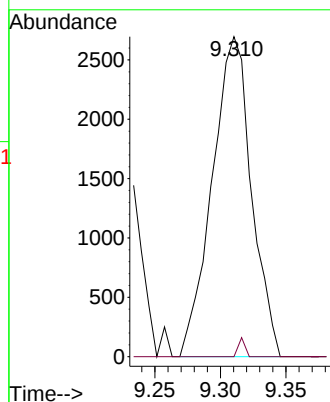
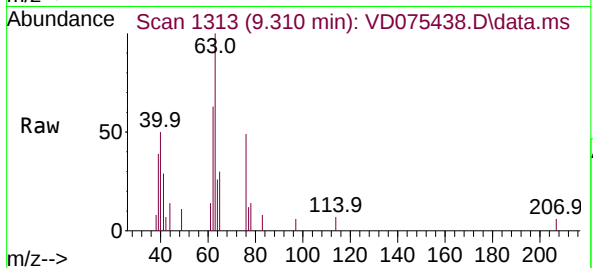




#37
1,2-Dichloropropane
Concen: 1.222 ug/L
RT: 9.310 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

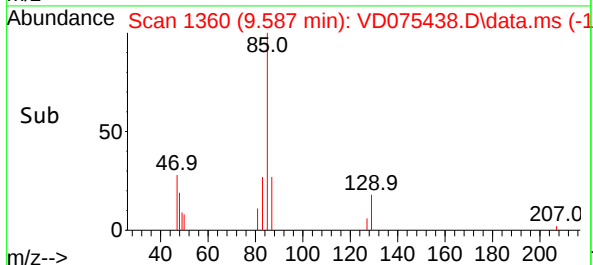
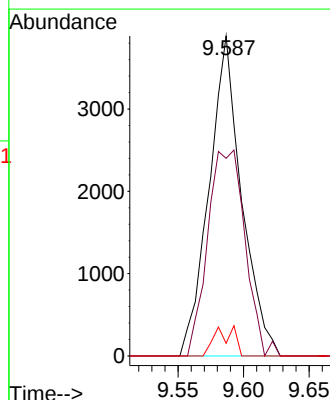
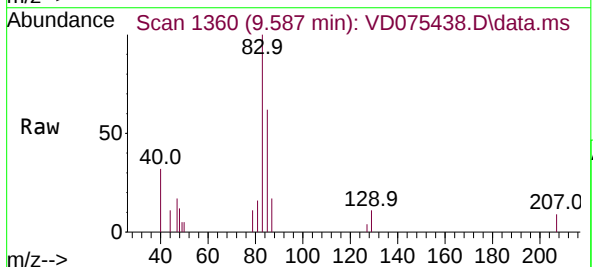
Instrument :
MSVOA_D
ClientSampleId :
MDL02

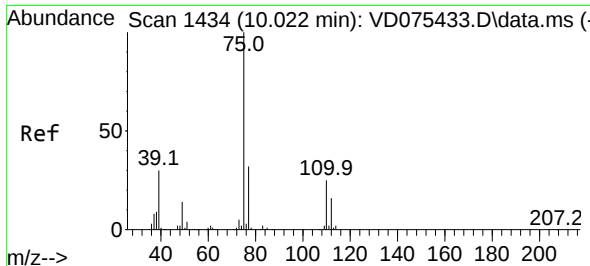
Tgt Ion: 63 Resp: 5626
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#38
Bromodichloromethane
Concen: 1.102 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 83 Resp: 6715
Ion Ratio Lower Upper
83 100
85 61.7 44.6 82.8
127 3.9 6.6 9.8#

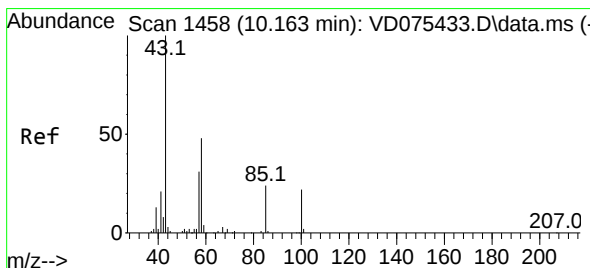
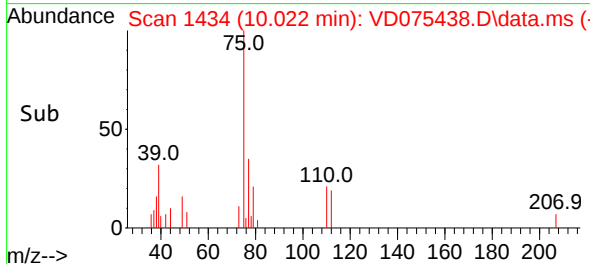
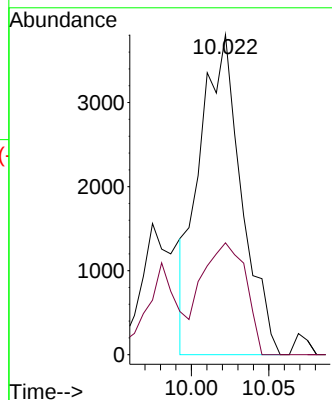
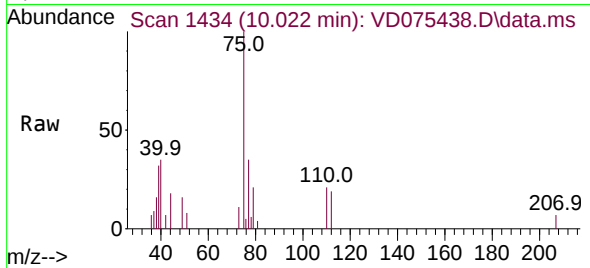




#39
 cis-1,3-Dichloropropene
 Concen: 1.016 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

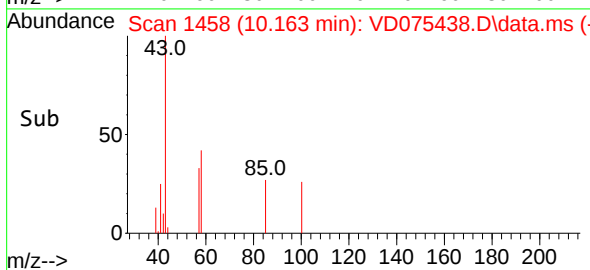
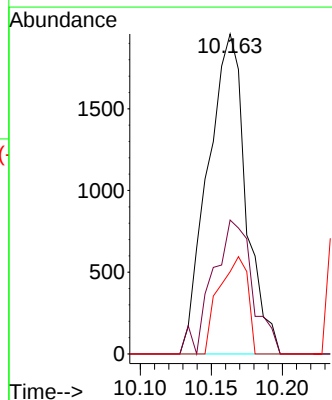
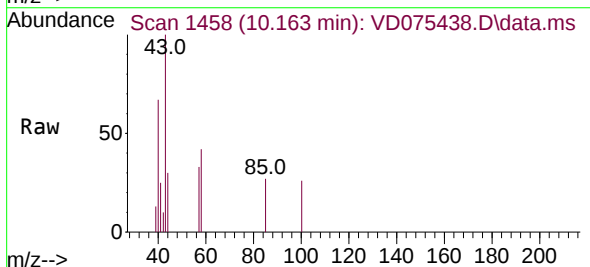
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

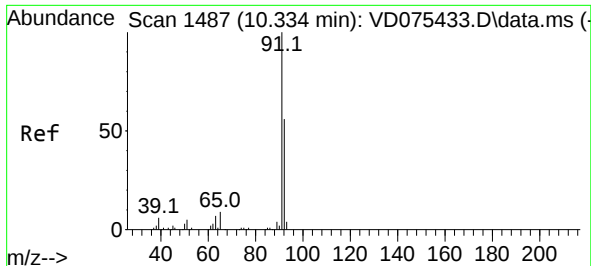
Tgt Ion: 75 Resp: 7161
 Ion Ratio Lower Upper
 75 100
 77 35.0 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 2.075 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

Tgt Ion: 43 Resp: 3664
 Ion Ratio Lower Upper
 43 100
 58 38.2 39.0 58.6#
 100 23.0 18.7 28.1





#42

Toluene

Concen: 1.091 ug/L

RT: 10.340 min Scan# 1488

Delta R.T. 0.006 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

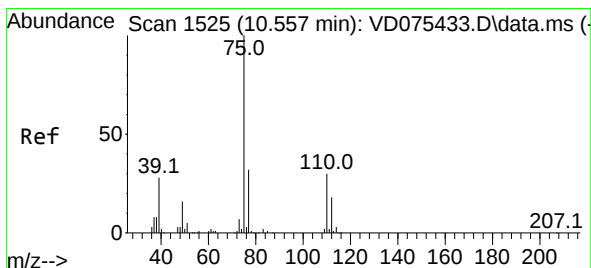
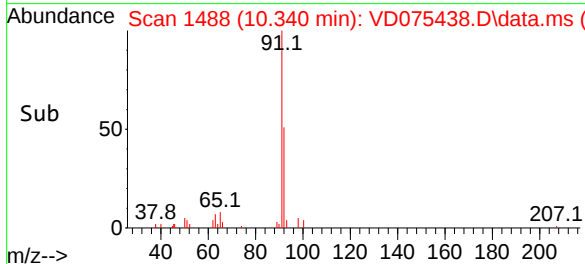
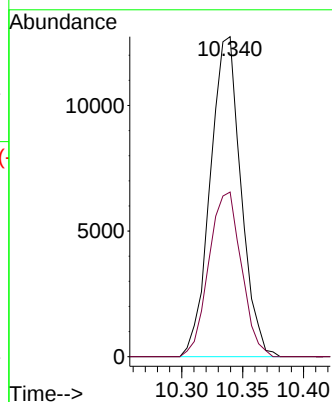
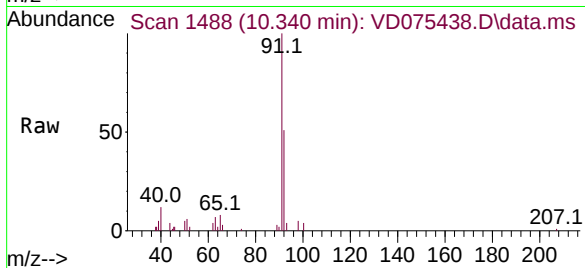
MDL02

Tgt Ion: 91 Resp: 22376

Ion Ratio Lower Upper

91 100

92 51.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 1.396 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075438.D

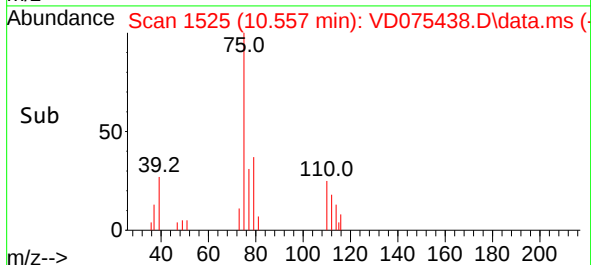
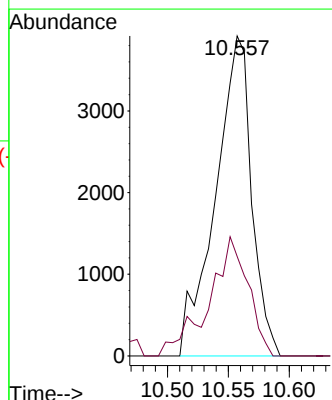
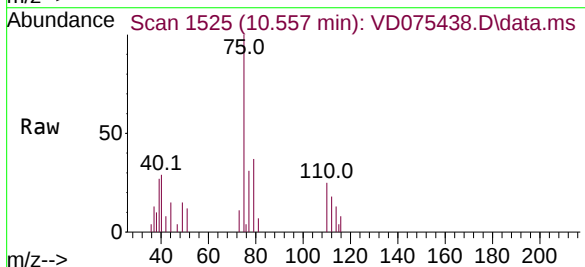
Acq: 02 Mar 2023 12:32

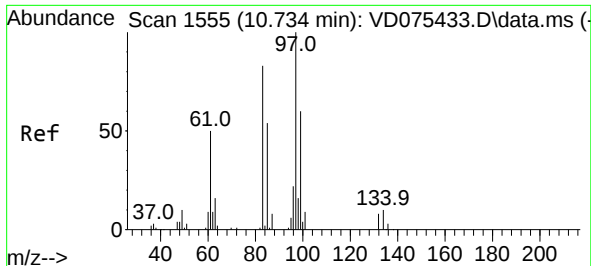
Tgt Ion: 75 Resp: 8104

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6

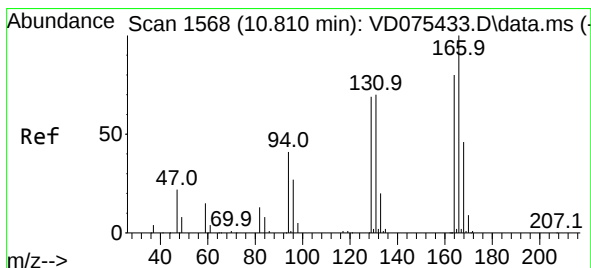
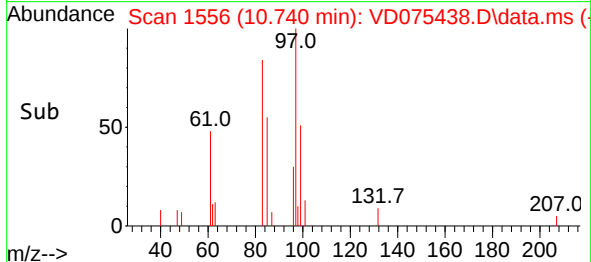
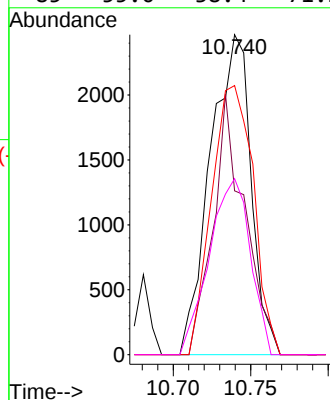
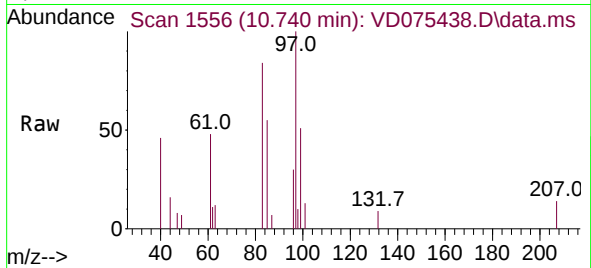




#45
1,1,2-Trichloroethane
Concen: 1.222 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

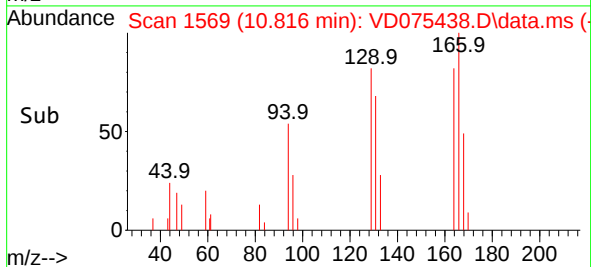
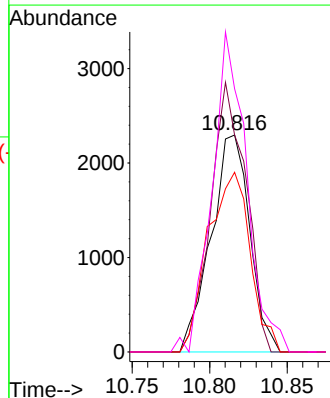
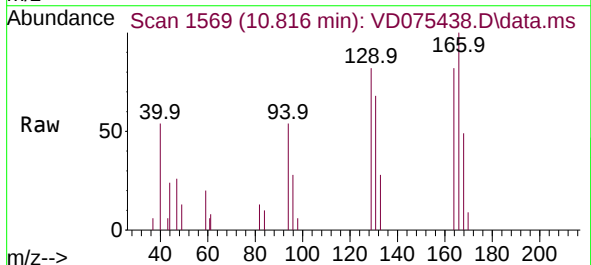
Instrument :
MSVOA_D
ClientSampleId :
MDL02

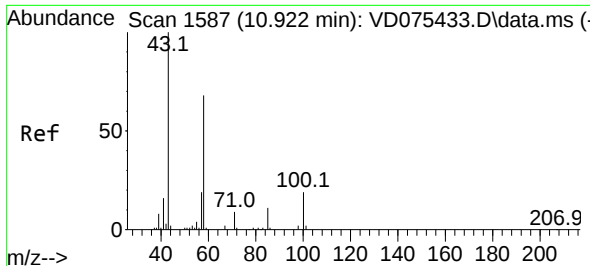
Tgt Ion: 97	Resp: 4496
Ion Ratio	Lower Upper
97 100	
99 51.2	40.9 76.0
83 84.1	57.7 107.1
85 55.0	38.4 71.2



#46
Tetrachloroethene
Concen: 1.064 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt	Ion:164	Resp:	3990
Ion	Ratio	Lower	Upper
164	100		
129	100.0	65.4	121.4
131	82.8	64.1	119.1
166	121.3	88.5	164.3

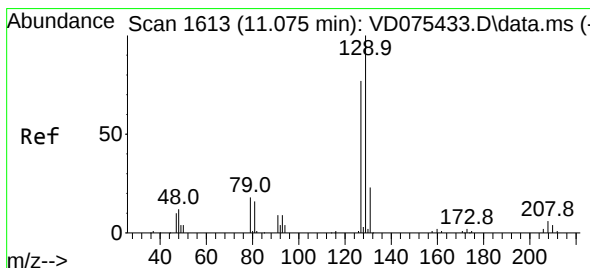
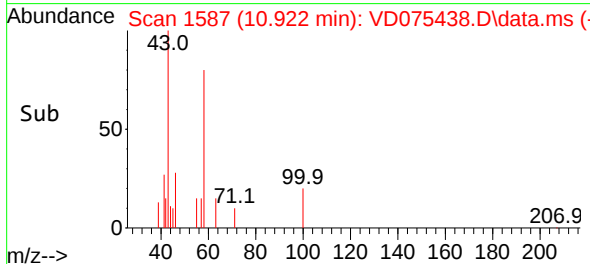
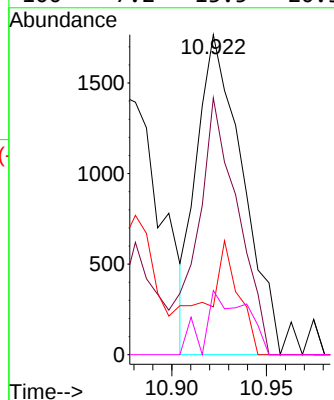
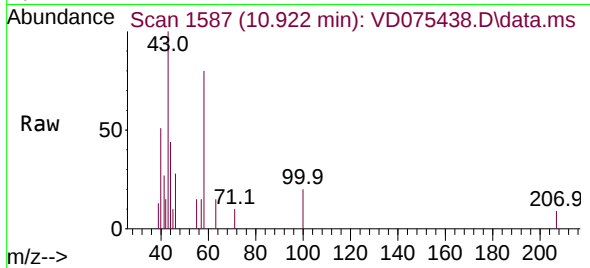




#48
2-Hexanone
Concen: 2.290 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

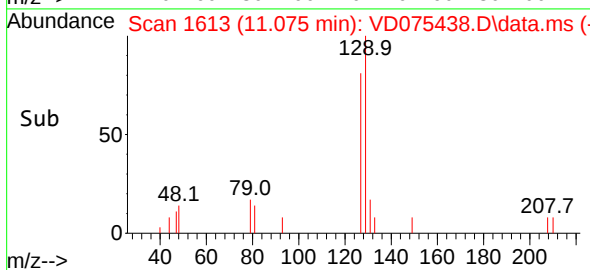
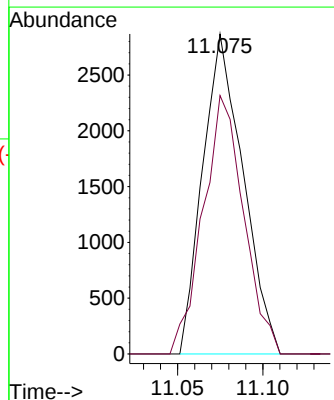
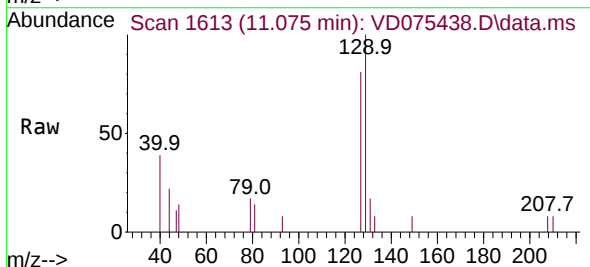
Instrument : MSVOA_D
ClientSampleId : MDL02

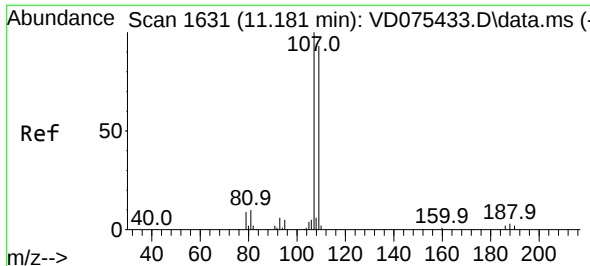
Tgt Ion:	43	Resp:	2975
Ion	Ratio	Lower	Upper
43	100		
58	70.3	53.1	79.7
57	14.7	16.7	25.1#
100	7.2	13.5	20.3#



#49
Dibromochloromethane
Concen: 1.174 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:	129	Resp:	4715
Ion	Ratio	Lower	Upper
129	100		
127	80.8	53.7	99.7

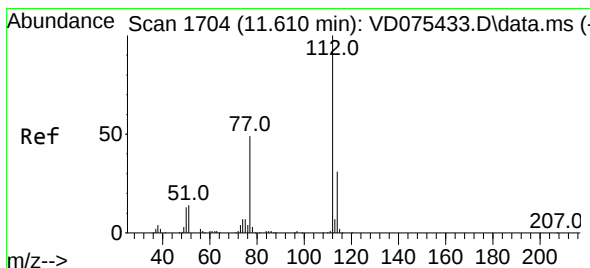
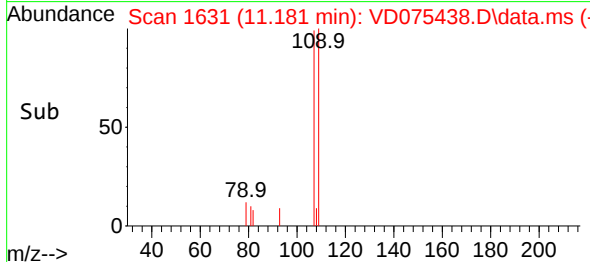
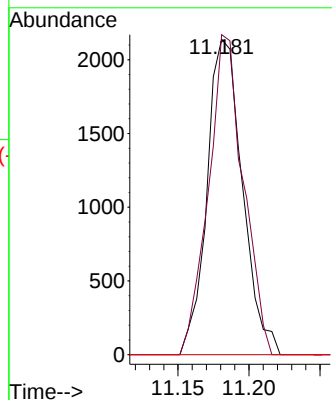
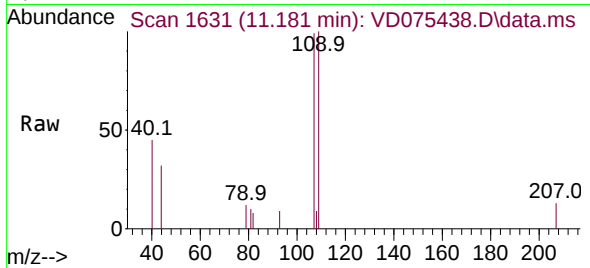




#50
1,2-Dibromoethane
Concen: 1.115 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

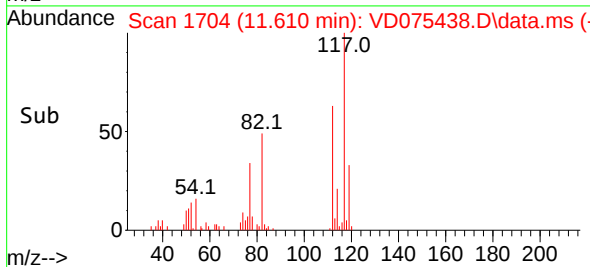
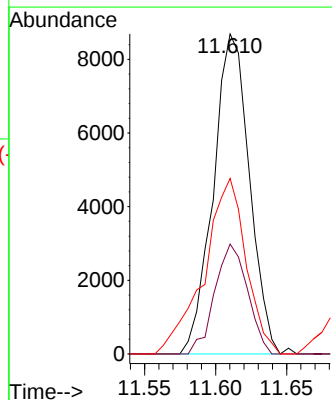
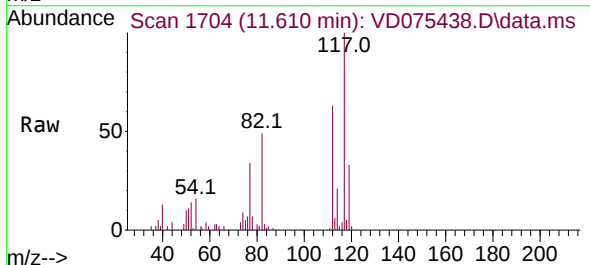
Instrument :
MSVOA_D
ClientSampleId :
MDL02

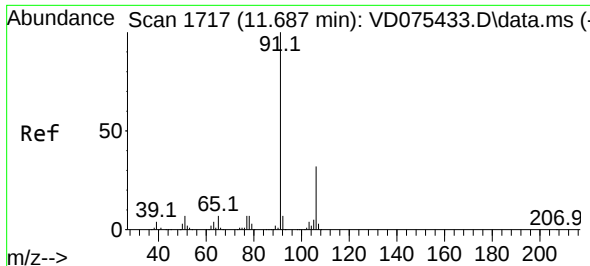
Tgt Ion:	107	Resp:	3708
Ion	Ratio	Lower	Upper
107	100		
109	101.4	64.2	119.2
188	0.0	2.3	3.5#



#51
Chlorobenzene
Concen: 1.153 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:	112	Resp:	15375
Ion	Ratio	Lower	Upper
112	100		
114	34.4	22.3	41.3
77	54.9	40.2	60.2

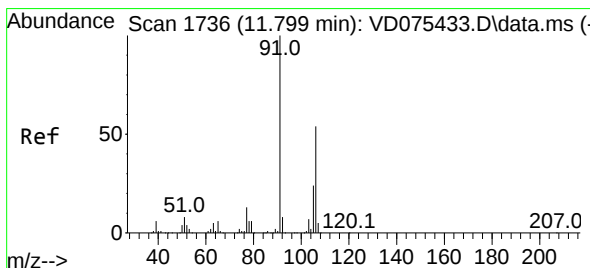
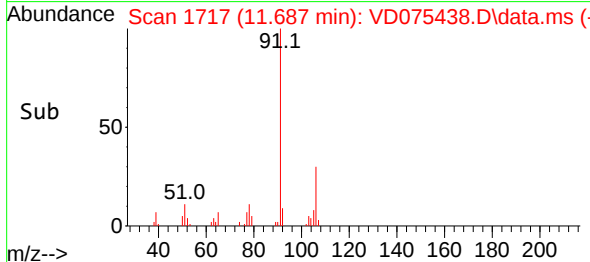
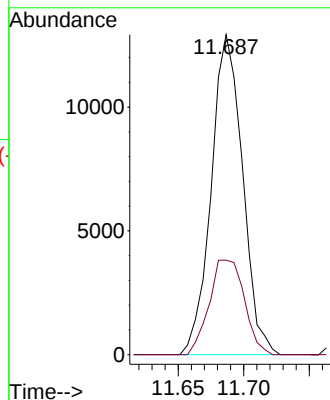
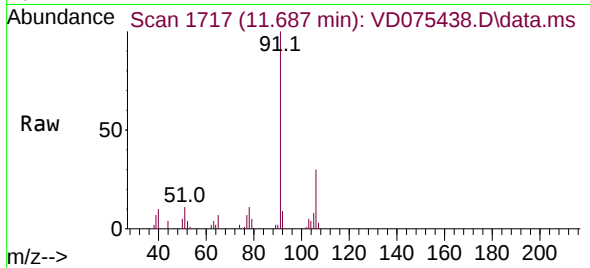




#52
Ethylbenzene
Concen: 0.984 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

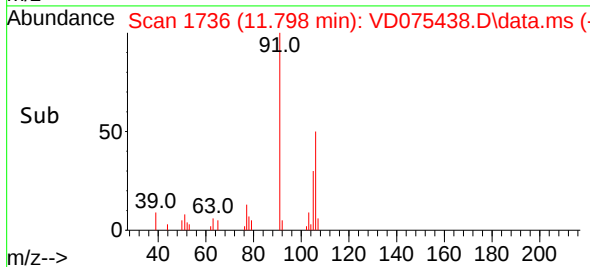
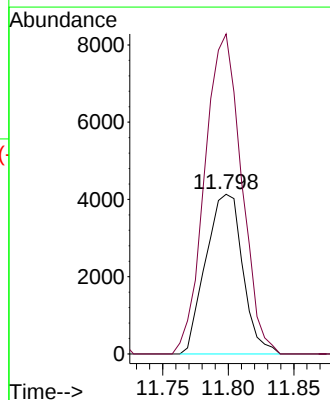
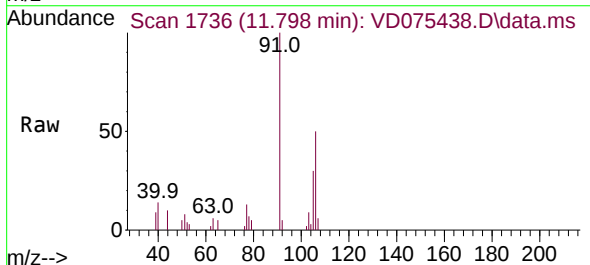
Instrument :
MSVOA_D
ClientSampleId :
MDL02

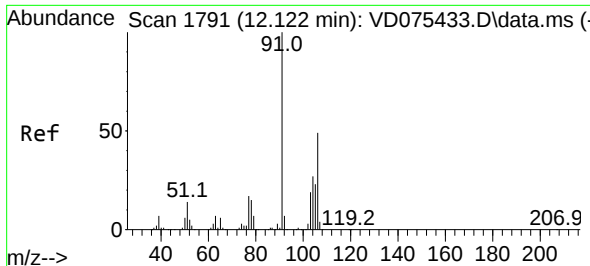
Tgt Ion: 91 Resp: 21468
Ion Ratio Lower Upper
91 100
106 29.5 23.1 42.9



#53
m,p-Xylene
Concen: 0.943 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion: 106 Resp: 8105
Ion Ratio Lower Upper
106 100
91 200.4 134.1 249.1

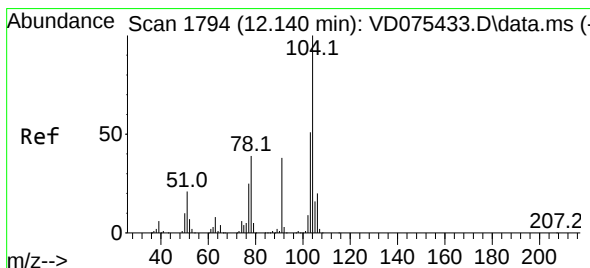
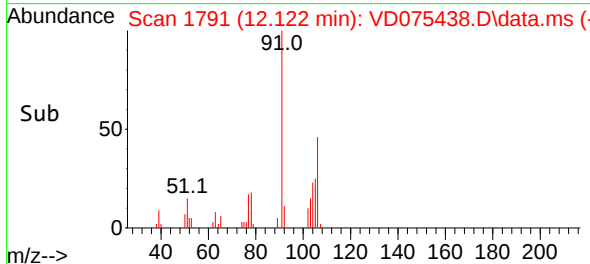
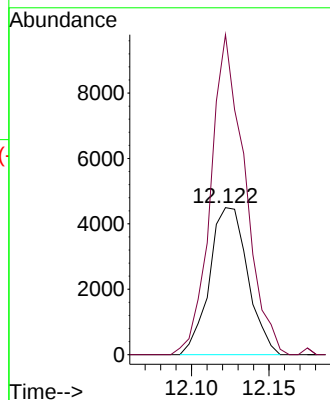
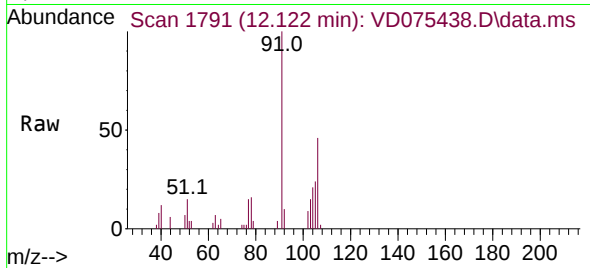




#54
o-Xylene
Concen: 0.947 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

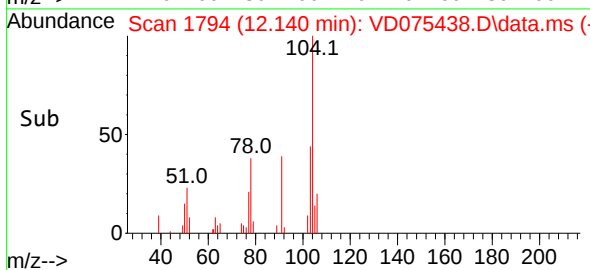
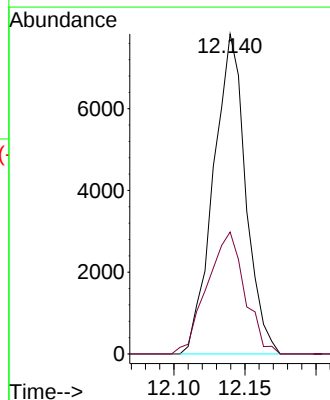
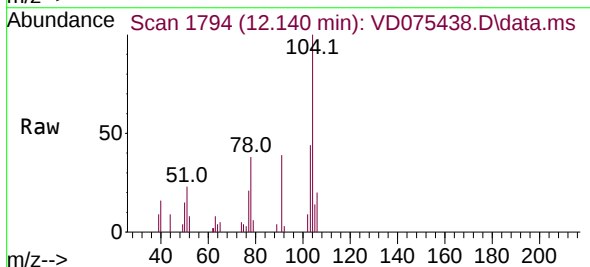
Instrument :
MSVOA_D
ClientSampleId :
MDL02

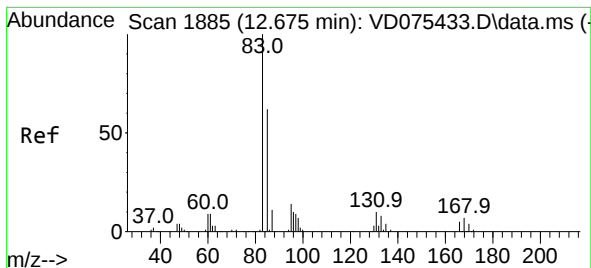
Tgt Ion:106 Resp: 7702
Ion Ratio Lower Upper
106 100
91 217.6 142.3 264.3



#55
Styrene
Concen: 0.857 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:104 Resp: 12376
Ion Ratio Lower Upper
104 100
78 38.1 26.0 48.2

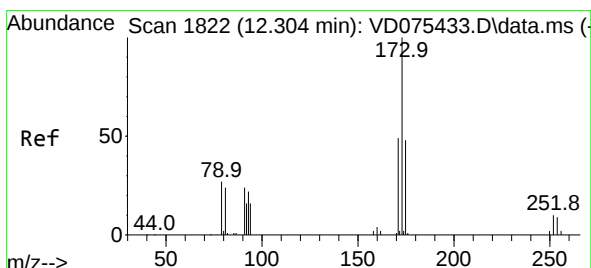
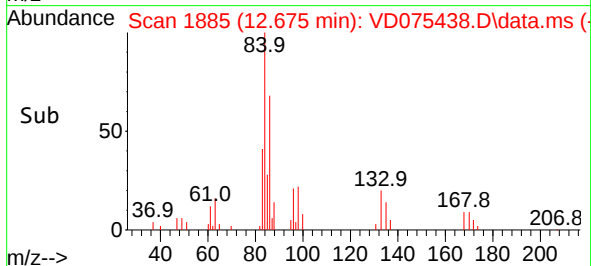
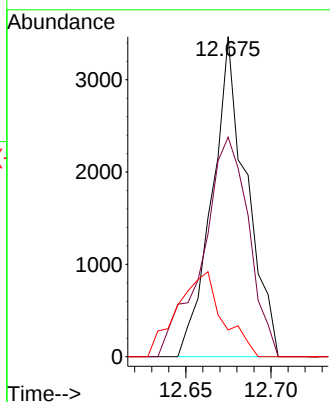
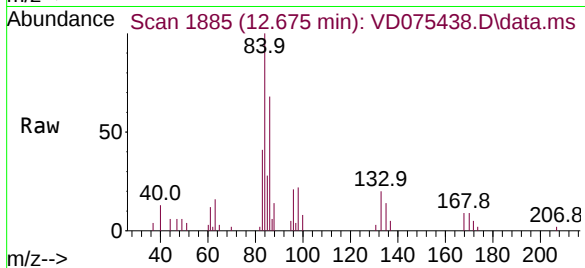




#57
1,1,2-Tetrachloroethane
Concen: 1.207 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

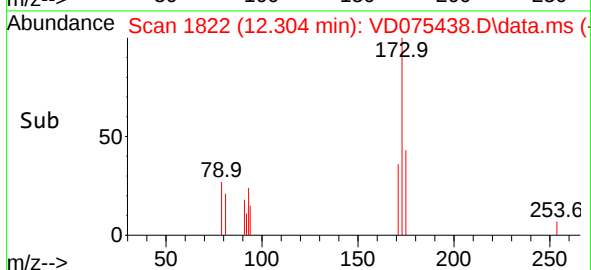
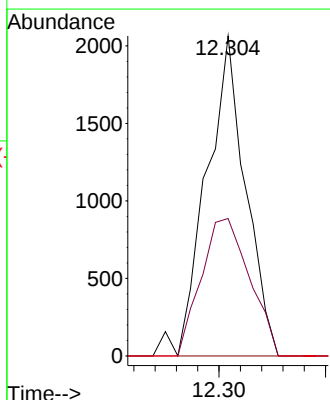
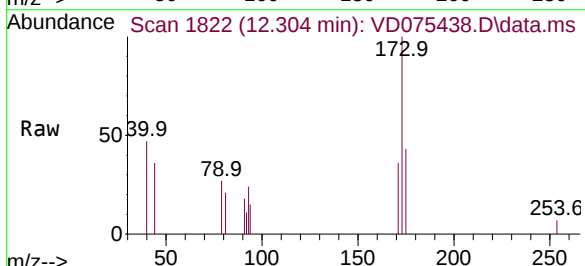
Instrument :
MSVOA_D
ClientSampleId :
MDL02

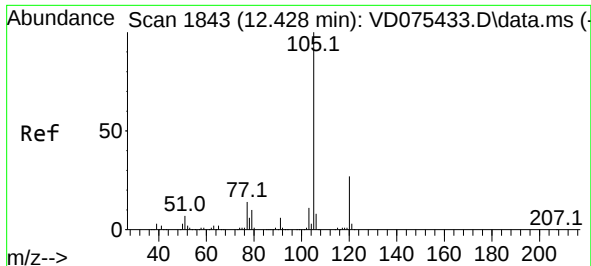
Tgt Ion:	83	Resp:	4859
Ion	Ratio	Lower	Upper
83	100		
85	68.6	46.3	85.9
131	8.4	8.1	12.1



#59
Bromoform
Concen: 1.259 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:	173	Resp:	2597
Ion	Ratio	Lower	Upper
173	100		
175	53.9	39.3	58.9
254	0.0	7.3	10.9

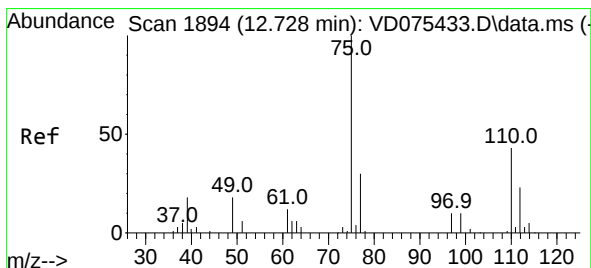
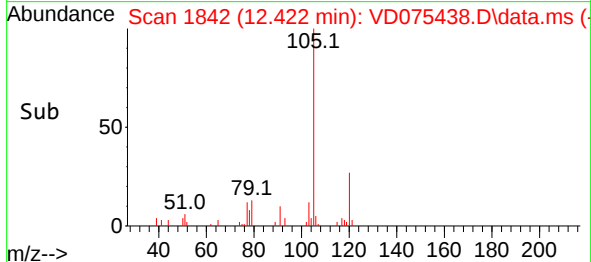
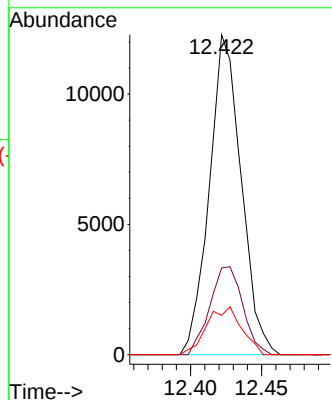
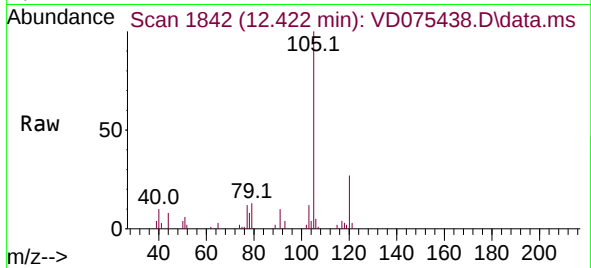




#60
Isopropylbenzene
Concen: 0.997 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

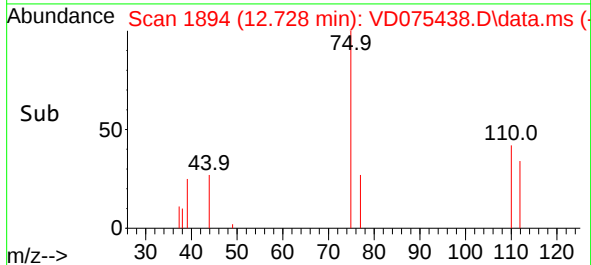
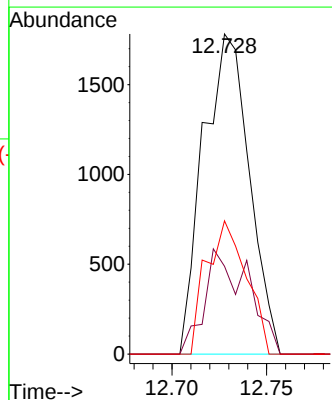
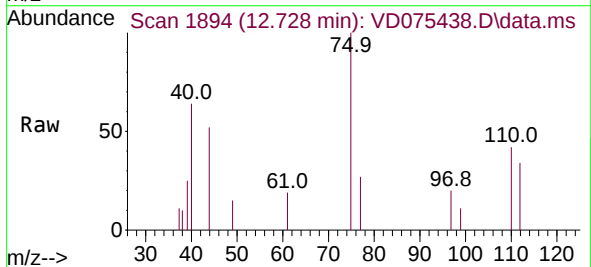
Instrument :
MSVOA_D
ClientSampleId :
MDL02

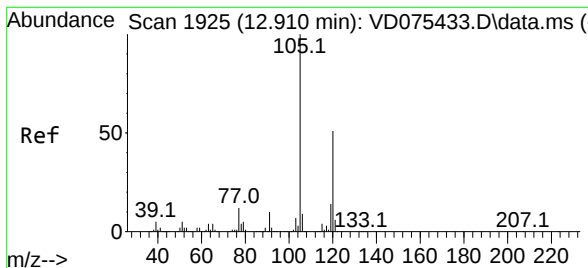
Tgt Ion:	105	Resp:	19168
Ion Ratio	Lower	Upper	
105	100		
120	28.5	21.8	32.6
77	16.4	11.3	16.9



#61
1,2,3-Trichloropropane
Concen: 1.317 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:	75	Resp:	3019
Ion Ratio	Lower	Upper	
75	100		
77	20.2	26.2	39.4#
110	36.2	33.2	49.8

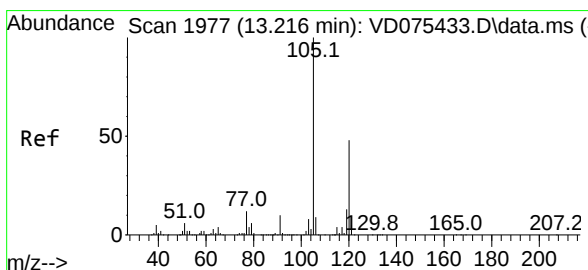
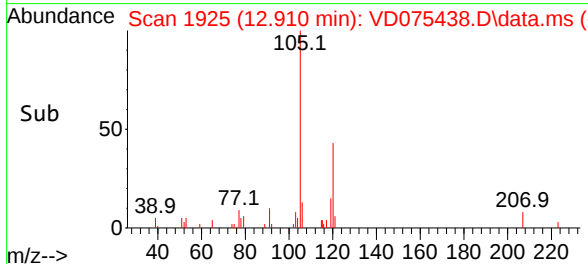
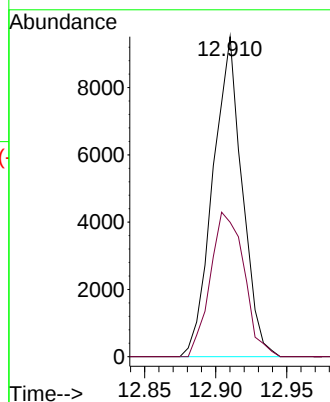
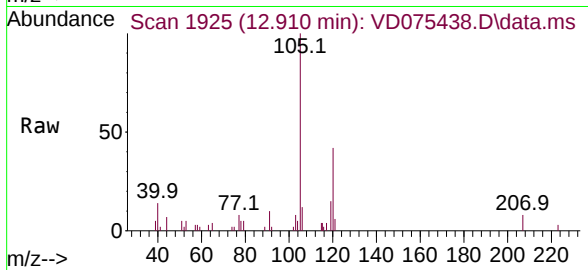




#62
 1,3,5-Trimethylbenzene
 Concen: 0.945 ug/L
 RT: 12.910 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

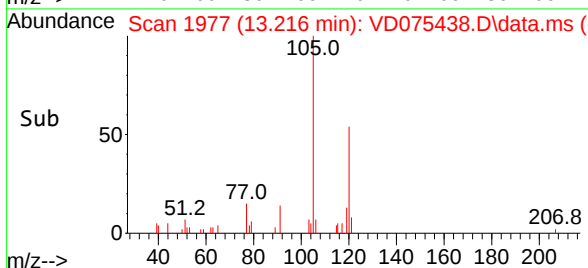
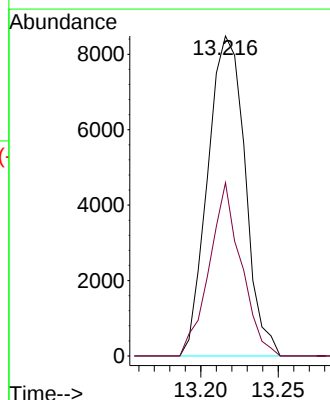
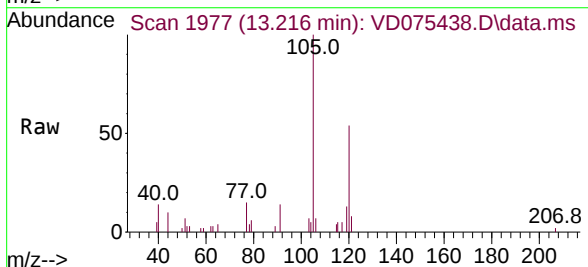
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02

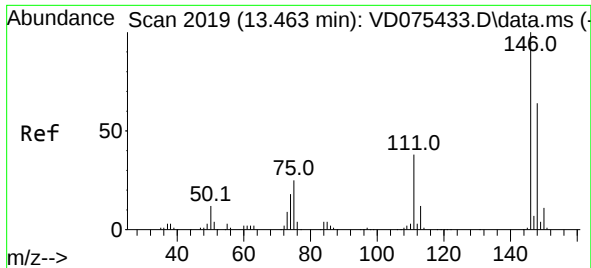
Tgt Ion:105 Resp: 13642
 Ion Ratio Lower Upper
 105 100
 120 52.2 40.6 60.8



#63
 1,2,4-Trimethylbenzene
 Concen: 1.007 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075438.D
 Acq: 02 Mar 2023 12:32

Tgt Ion:105 Resp: 14209
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.2 57.2

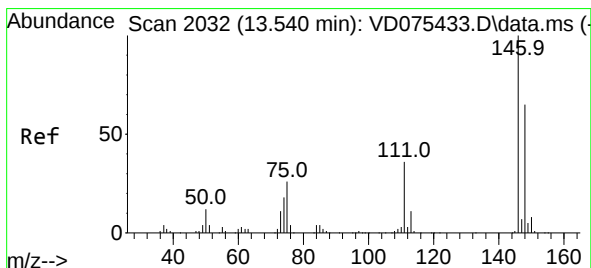
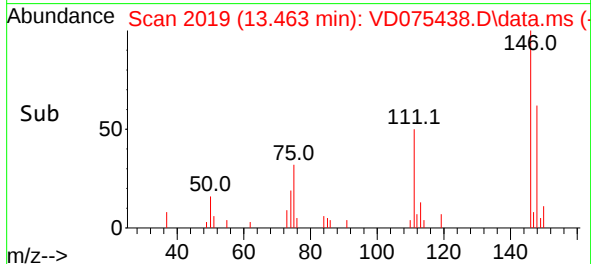
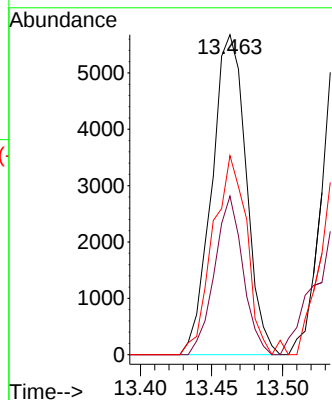
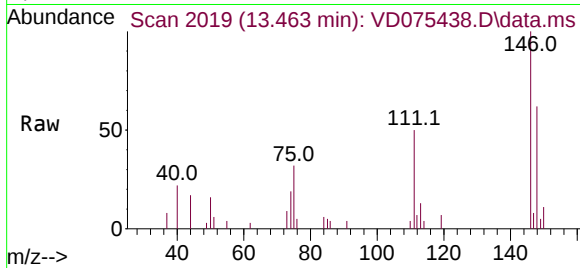




#64
1,3-Dichlorobenzene
Concen: 1.124 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

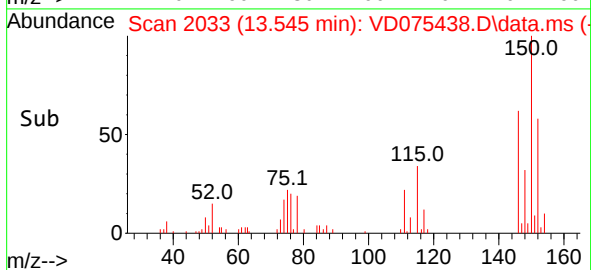
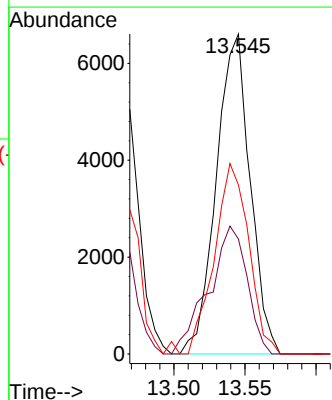
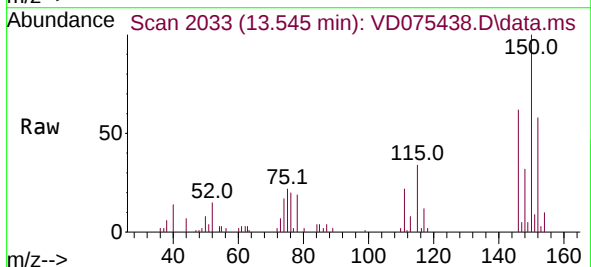
Instrument :
MSVOA_D
ClientSampleId :
MDL02

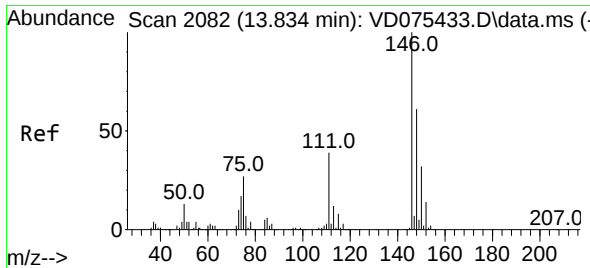
Tgt Ion:146 Resp: 9556
Ion Ratio Lower Upper
146 100
111 49.6 26.0 48.2#
148 62.2 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 1.250 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075438.D
Acq: 02 Mar 2023 12:32

Tgt Ion:146 Resp: 10941
Ion Ratio Lower Upper
146 100
111 35.9 24.8 46.1
148 52.8 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 1.211 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

MDL02

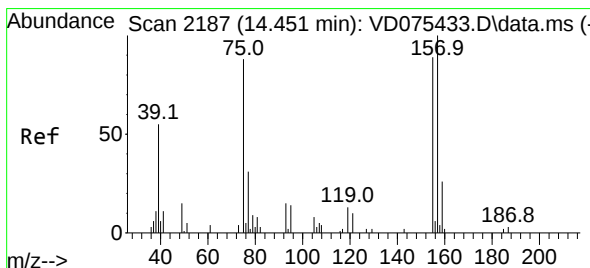
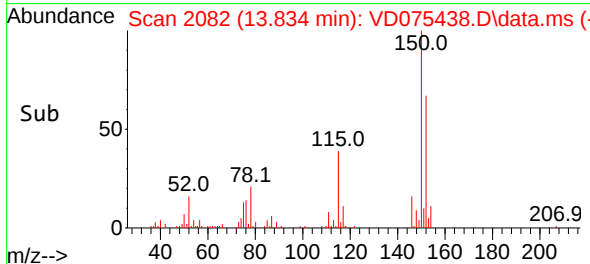
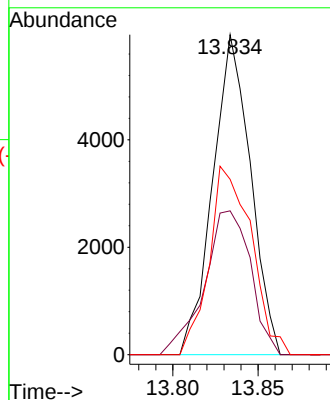
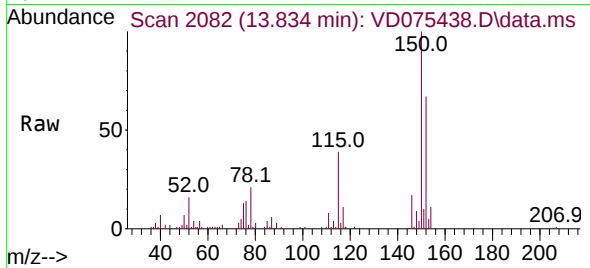
Tgt Ion:146 Resp: 9181

Ion Ratio Lower Upper

146 100

111 44.9 31.0 46.6

148 54.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.382 ug/L

RT: 14.604 min Scan# 2213

Delta R.T. 0.153 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

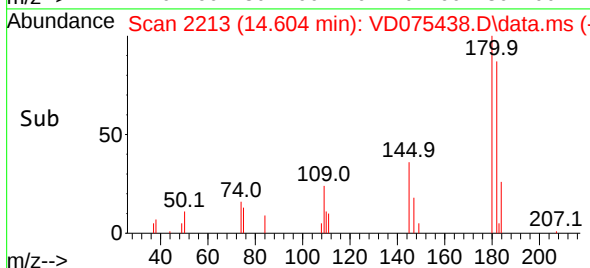
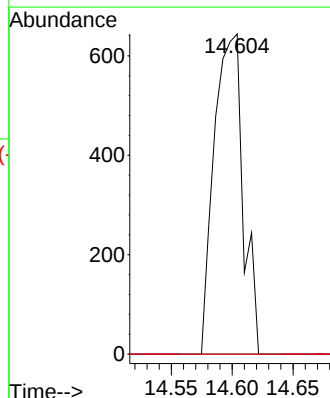
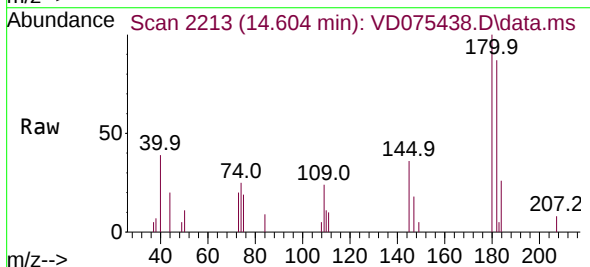
Tgt Ion: 75 Resp: 1060

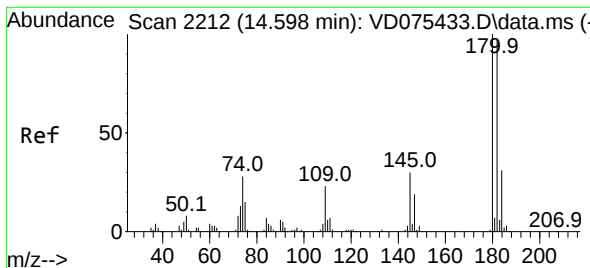
Ion Ratio Lower Upper

75 100

155 0.0 71.3 106.9#

157 0.0 85.8 128.6#





#69

1,3,5-Trichlorobenzene

Concen: 1.068 ug/L

RT: 14.604 min Scan# 2212

Delta R.T. 0.006 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

MDL02

Tgt Ion:180 Resp: 5695

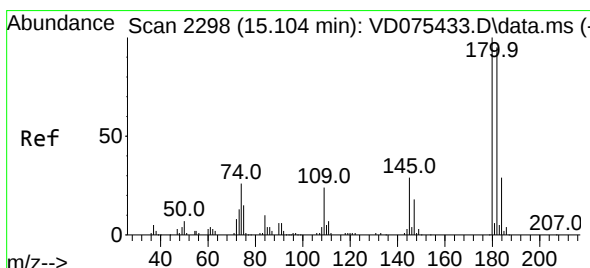
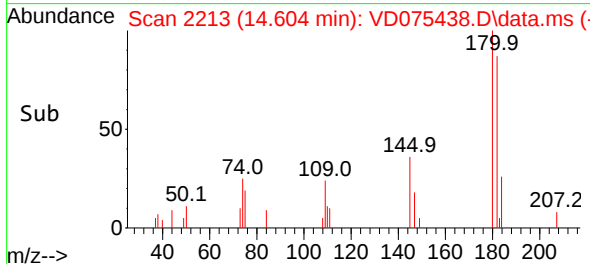
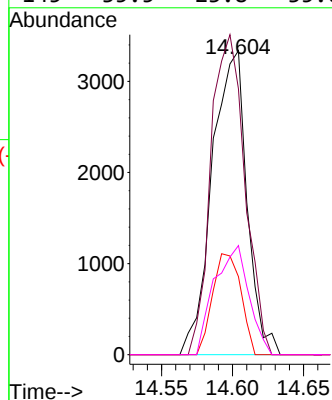
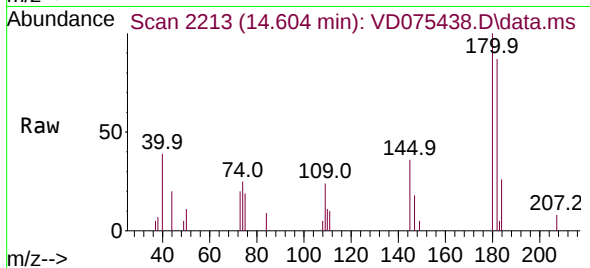
Ion Ratio Lower Upper

180 100

182 102.6 76.5 114.7

184 27.0 23.6 35.4

145 35.5 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 1.103 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

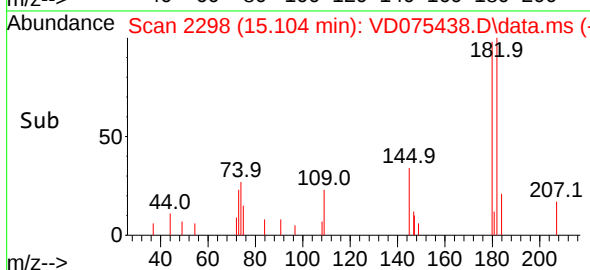
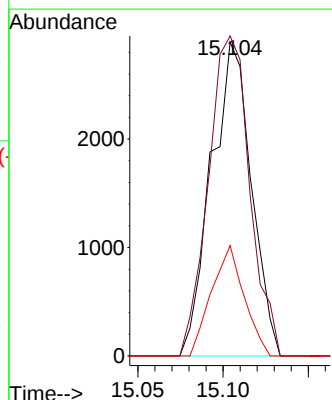
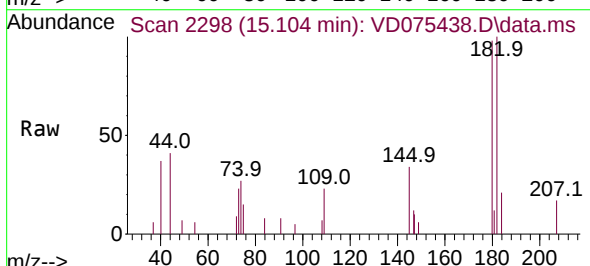
Tgt Ion:180 Resp: 4731

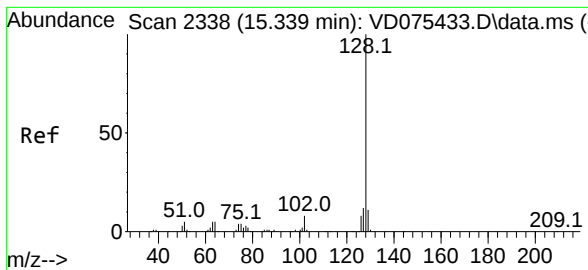
Ion Ratio Lower Upper

180 100

182 105.2 74.3 111.5

145 28.7 23.0 34.6





#71

Naphthalene

Concen: 1.103 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

MDL02

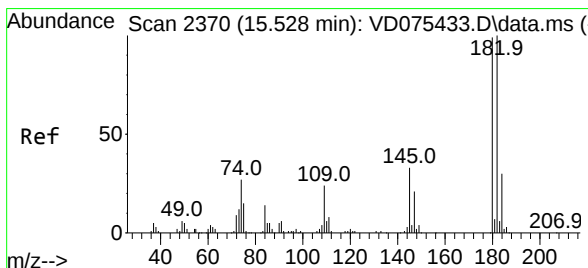
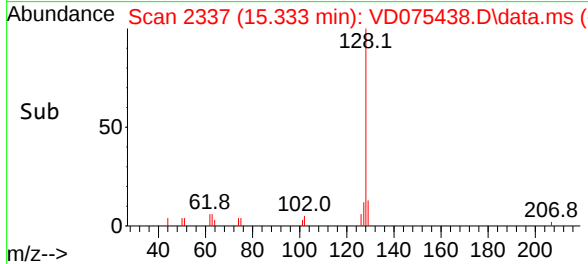
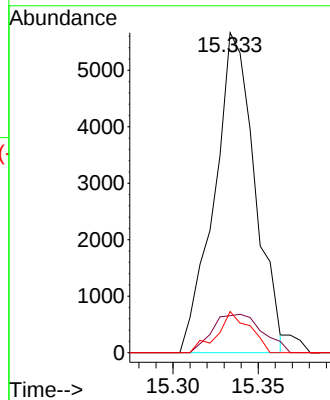
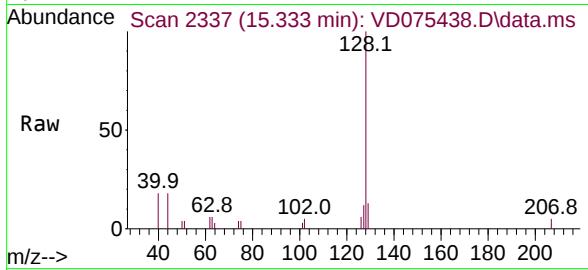
Tgt Ion:128 Resp: 9378

Ion Ratio Lower Upper

128 100

127 14.8 10.1 15.1

129 10.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 1.188 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD075438.D

Acq: 02 Mar 2023 12:32

Tgt Ion:180 Resp: 4491

Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 32.2 25.1 37.7

