

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075437.D
 Acq On : 02 Mar 2023 12:03
 Operator : KP/SY
 Sample : MDL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Quant Time: Mar 03 05:02:00 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	297127	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	260973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113905	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	137692	18.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.640%
7) Chloroethane-d5	2.811	69	127611	19.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	3.928	63	100669	14.609	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.440%
21) 2-Butanone-d5	7.051	46	584	0.854	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.700%#
24) Chloroform-d	7.569	84	162936	20.925	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.680%
26) 1,2-Dichloroethane-d4	8.234	65	74040	21.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	8.204	84	337880	21.801	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.216	67	97660	22.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	10.269	98	296135	20.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.760%
43) trans-1,3-Dichloroprop...	10.534	79	38860	21.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.881	63	23187	36.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.380%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	73548	20.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.280%
66) 1,2-Dichlorobenzene-d4	13.822	152	90432	22.697	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	5497	1.203	ug/L	98
3) Chloromethane	2.152	50	7403	0.963	ug/L #	78
5) Vinyl chloride	2.287	62	11024	1.140	ug/L	91
6) Bromomethane	2.699	94	7679	1.676	ug/L	84
8) Chloroethane	2.846	64	7114	1.170	ug/L #	59
9) Trichlorofluoromethane	3.181	101	7968	1.101	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	5942	1.188	ug/L #	35
12) 1,1-Dichloroethene	3.940	96	5321	1.209	ug/L #	1
13) Acetone	4.028	43	1674	2.168	ug/L	52
14) Carbon disulfide	4.275	76	14177	1.152	ug/L #	95
15) Methyl Acetate	4.563	43	562	0.429	ug/L #	60
16) Methylene chloride	4.799	84	5645	0.900	ug/L	92
17) trans-1,2-Dichloroethene	5.328	96	5616	1.190	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	5368	0.612	ug/L #	84
19) 1,1-Dichloroethane	6.110	63	4775	0.598	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	3134	0.588	ug/L	94
22) 2-Butanone	7.087	43	2658	2.712	ug/L #	52
23) Bromochloromethane	7.428	128	2001	0.876	ug/L #	75
25) Chloroform	7.599	83	11106	1.276	ug/L	97

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 Response via : Initial Calibration

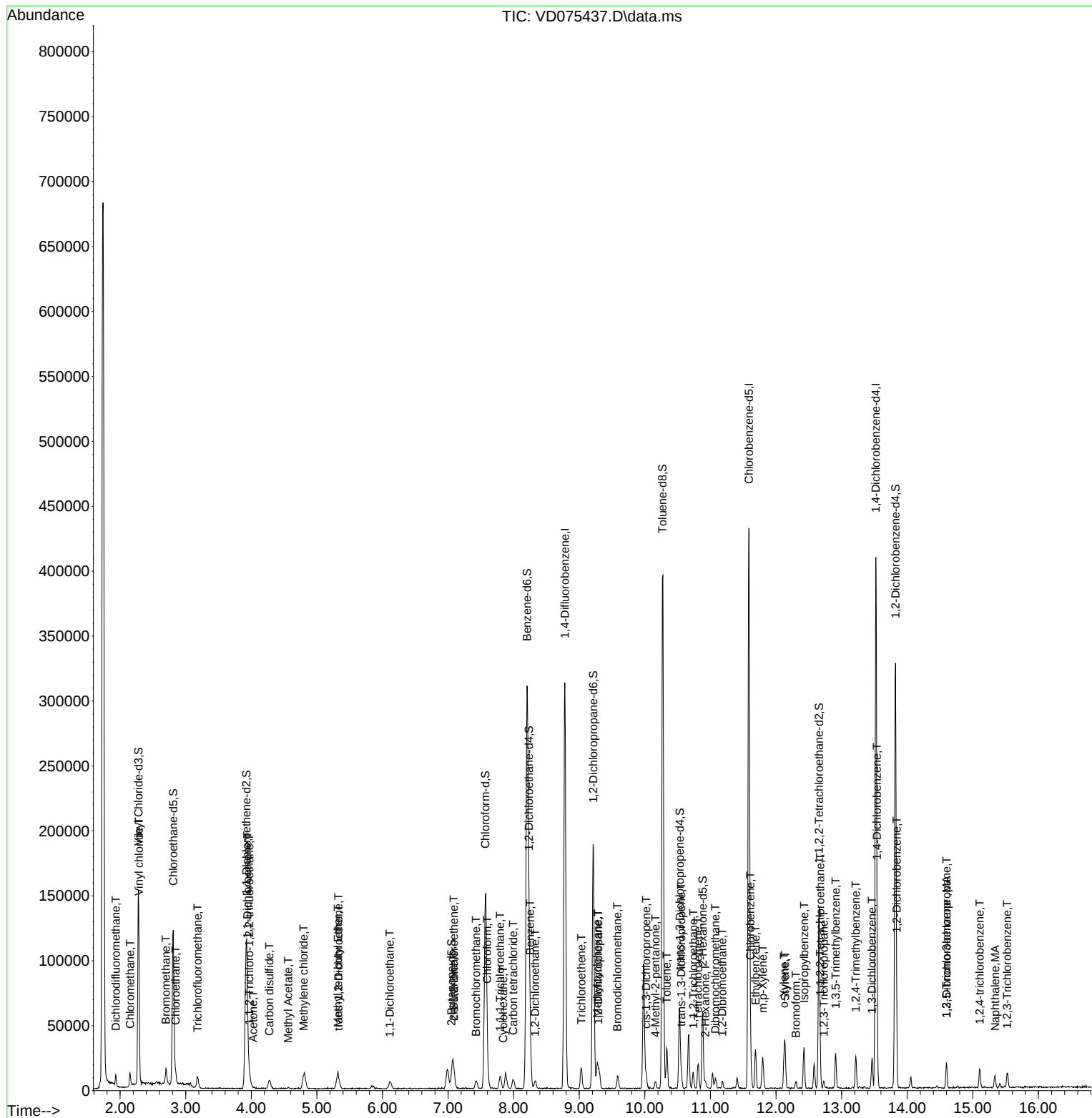
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	4916	1.047	ug/L	100
29) Cyclohexane	7.840	56	228	0.041	ug/L #	1
30) 1,1,1-Trichloroethane	7.793	97	7969	1.136	ug/L	97
31) Carbon tetrachloride	7.993	117	5822	1.045	ug/L	95
33) Benzene	8.251	78	22206	1.184	ug/L	100
34) Trichloroethene	9.034	95	5651	1.154	ug/L	96
35) Methylcyclohexane	9.275	83	6808	0.890	ug/L #	78
37) 1,2-Dichloropropane	9.293	63	2807	0.609	ug/L	99
38) Bromodichloromethane	9.581	83	6988	1.146	ug/L	88
39) cis-1,3-Dichloropropene	10.022	75	7676	1.088	ug/L #	83
40) 4-Methyl-2-pentanone	10.163	43	3440	1.946	ug/L #	93
42) Toluene	10.334	91	23989	1.168	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	7815	1.345	ug/L	92
45) 1,1,2-Trichloroethane	10.740	97	4361	1.185	ug/L #	81
46) Tetrachloroethene	10.810	164	4364	1.163	ug/L	87
48) 2-Hexanone	10.922	43	2888	2.221	ug/L #	85
49) Dibromochloromethane	11.075	129	4605	1.145	ug/L	92
50) 1,2-Dibromoethane	11.181	107	4261	1.281	ug/L #	93
51) Chlorobenzene	11.610	112	15304	1.147	ug/L	93
52) Ethylbenzene	11.687	91	22088	1.012	ug/L	97
53) m,p-Xylene	11.798	106	8747	1.017	ug/L	93
54) o-Xylene	12.122	106	6954	0.855	ug/L	90
55) Styrene	12.139	104	13828	0.957	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	4603	1.143	ug/L #	93
59) Bromoform	12.304	173	2496	1.214	ug/L #	63
60) Isopropylbenzene	12.428	105	19971	1.042	ug/L	97
61) 1,2,3-Trichloropropane	12.728	75	2628	1.151	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	14319	0.996	ug/L	93
63) 1,2,4-Trimethylbenzene	13.216	105	13968	0.993	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	9797	1.156	ug/L	85
65) 1,4-Dichlorobenzene	13.539	146	10568	1.212	ug/L	92
67) 1,2-Dichlorobenzene	13.839	146	8894	1.178	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.598	75	1163	2.623	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.598	180	5836	1.098	ug/L #	91
70) 1,2,4-trichlorobenzene	15.104	180	5251	1.229	ug/L #	92
71) Naphthalene	15.339	128	8959	1.057	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.522	180	4648	1.234	ug/L #	19

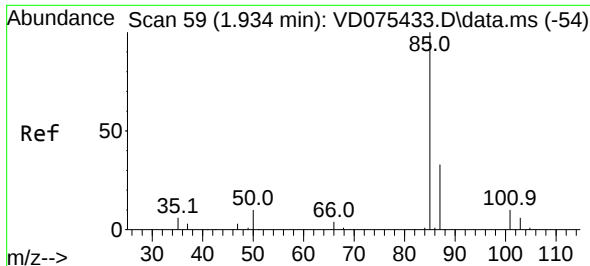
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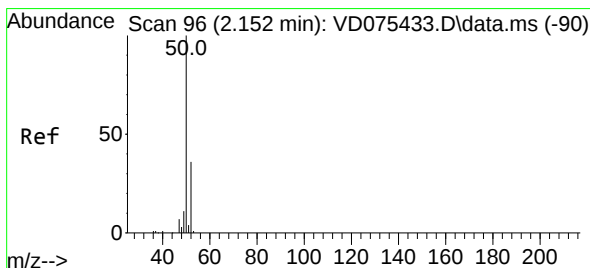
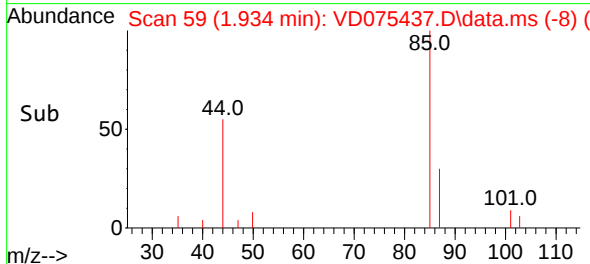
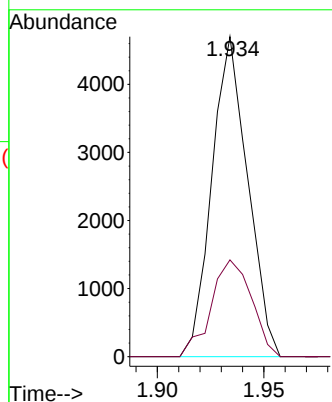
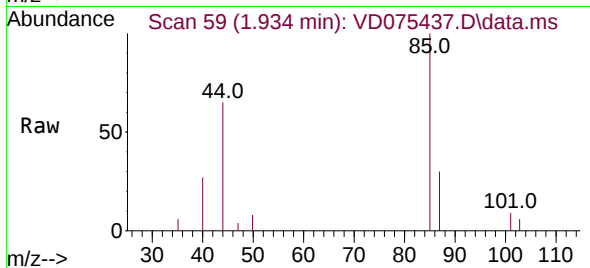




#2
 Dichlorodifluoromethane
 Concen: 1.203 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

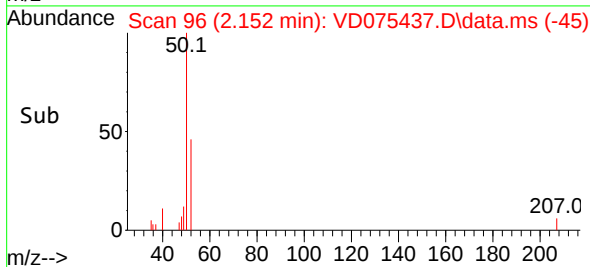
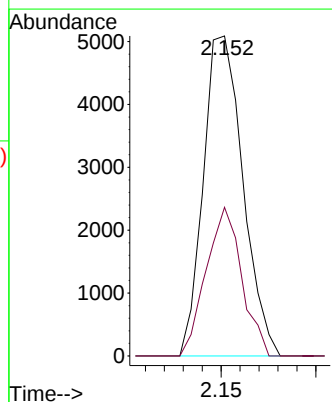
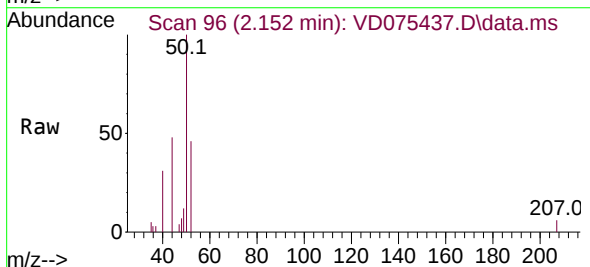
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

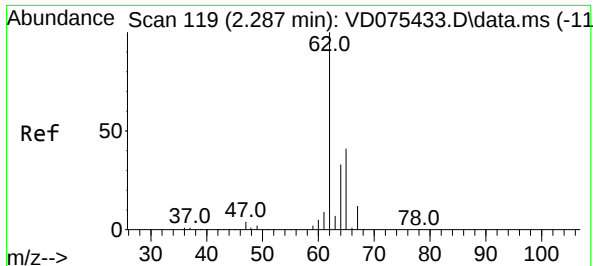
Tgt Ion: 85 Resp: 5497
 Ion Ratio Lower Upper
 85 100
 87 34.1 26.4 39.6



#3
 Chloromethane
 Concen: 0.963 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

Tgt Ion: 50 Resp: 7403
 Ion Ratio Lower Upper
 50 100
 52 46.5 23.7 43.9#

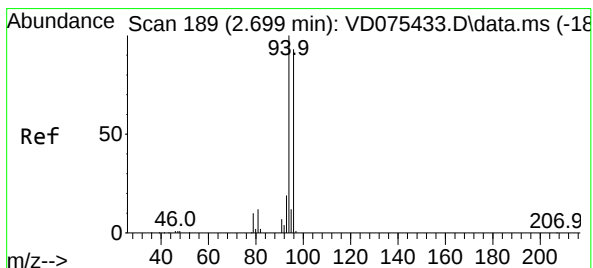
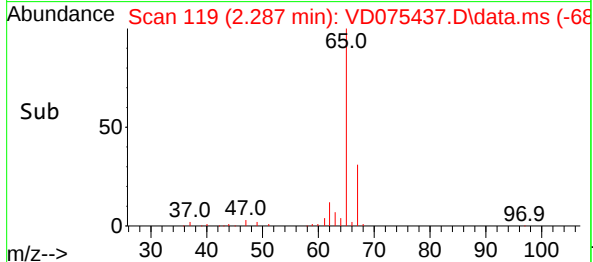
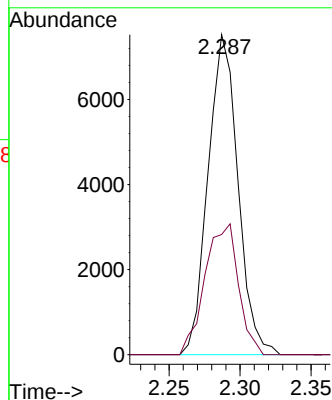
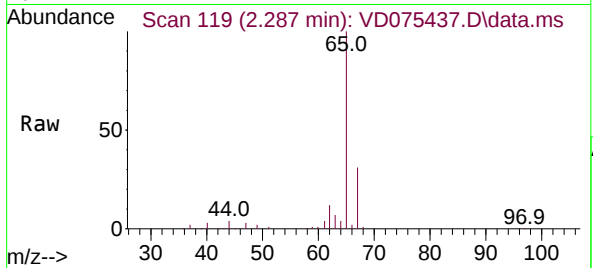




#5
 Vinyl chloride
 Concen: 1.140 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

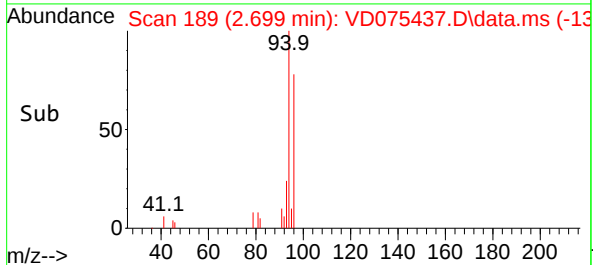
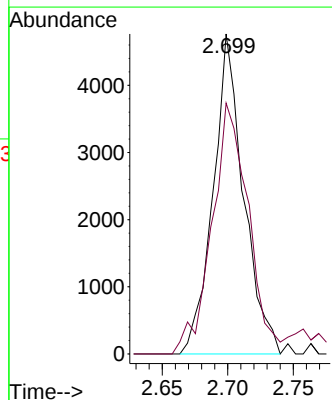
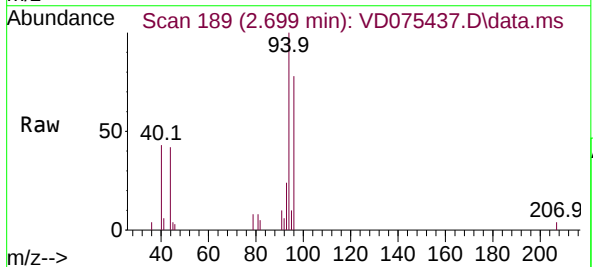
Instrument :
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 ClientSampleId :
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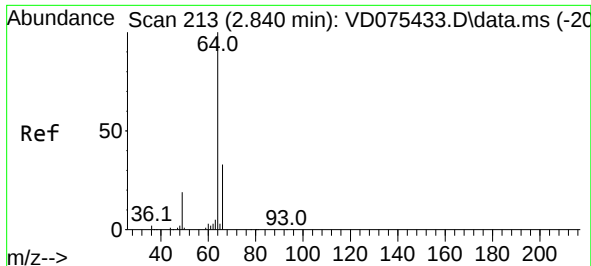
Tgt Ion: 62 Resp: 11024
 Ion Ratio Lower Upper
 62 100
 64 37.5 22.7 42.3



#6
 Bromomethane
 Concen: 1.676 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

Tgt Ion: 94 Resp: 7679
 Ion Ratio Lower Upper
 94 100
 96 78.4 65.9 122.5





#8

Chloroethane

Concen: 1.170 ug/L

RT: 2.846 min Scan# 213

Delta R.T. 0.006 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

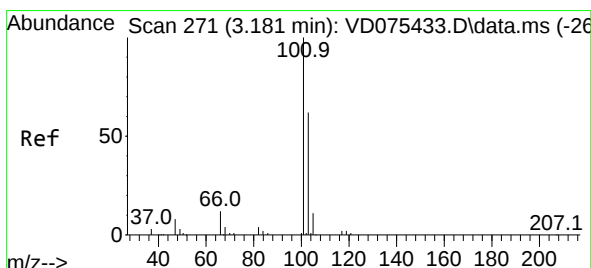
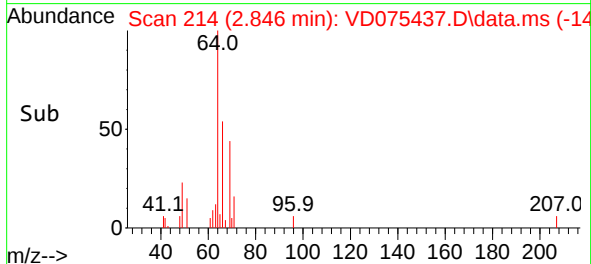
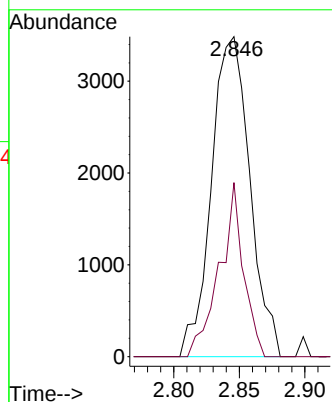
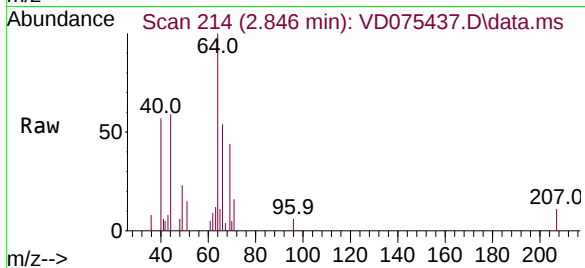
MDL01

Tgt Ion: 64 Resp: 7114

Ion Ratio Lower Upper

64 100

66 54.4 22.2 41.2#



#9

Trichlorofluoromethane

Concen: 1.101 ug/L

RT: 3.181 min Scan# 271

Delta R.T. -0.000 min

Lab File: VD075437.D

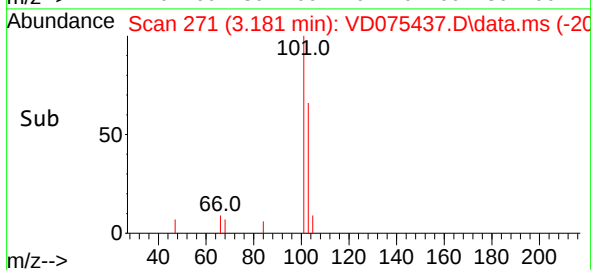
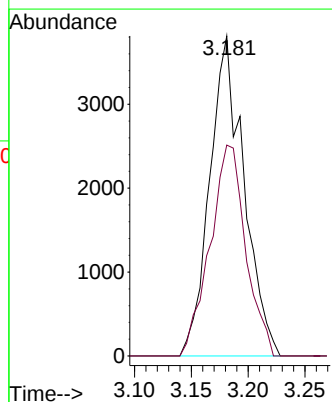
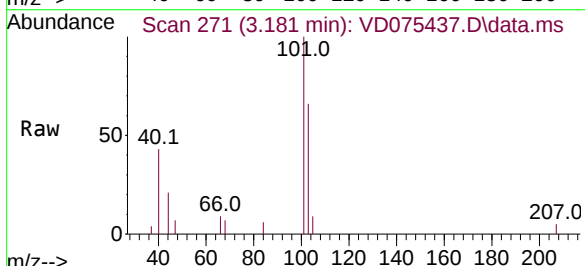
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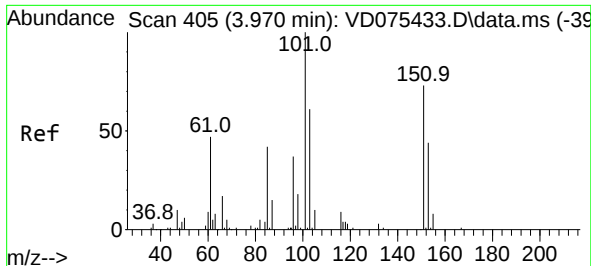
Tgt Ion:101 Resp: 7968

Ion Ratio Lower Upper

101 100

103 69.0 51.8 77.8

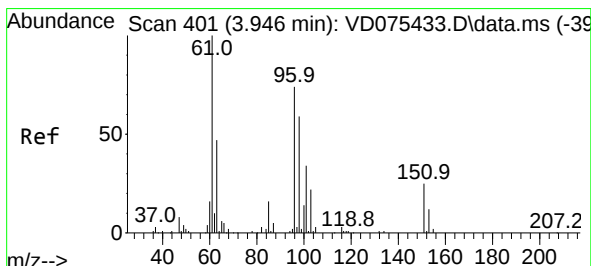
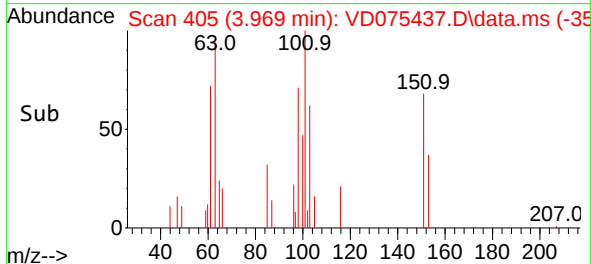
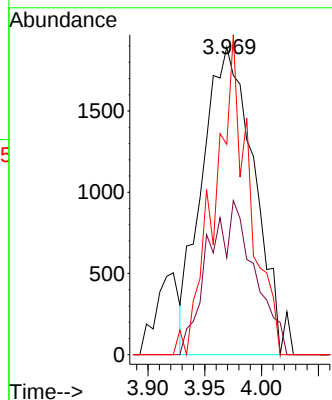
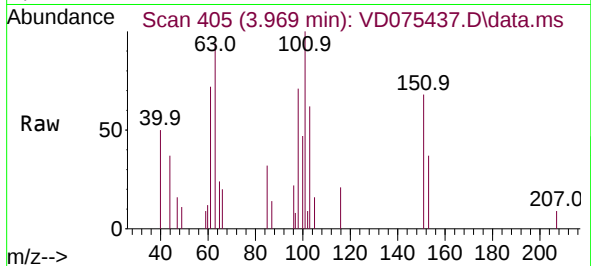




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.188 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

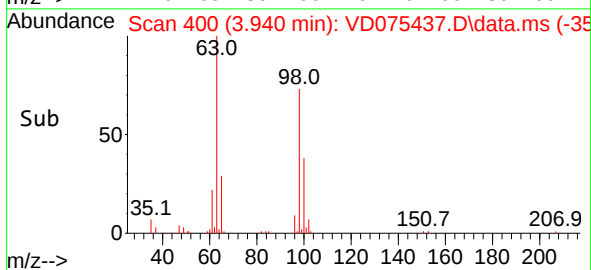
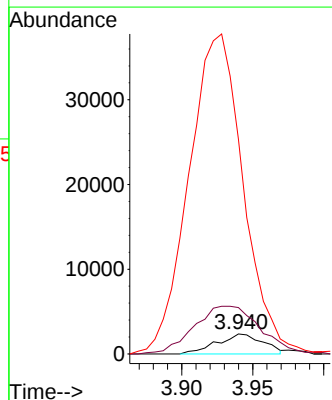
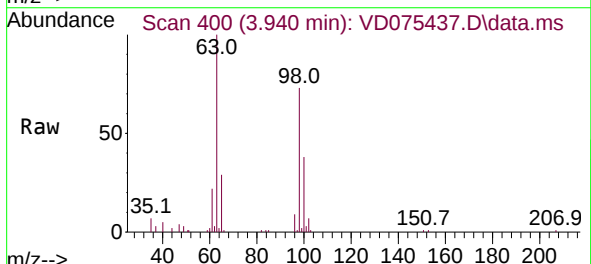
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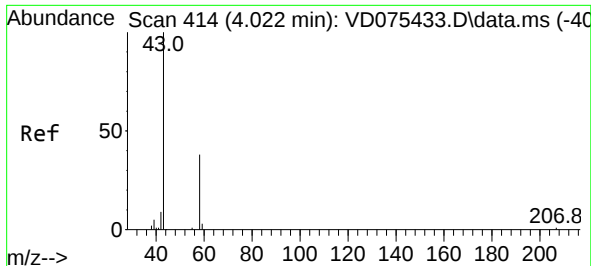
Tgt Ion:101 Resp: 5942
 Ion Ratio Lower Upper
 101 100
 85 20.7 34.0 51.0#
 151 0.0 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 1.209 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

Tgt Ion: 96 Resp: 5321
 Ion Ratio Lower Upper
 96 100
 61 231.1 97.5 181.1#
 63 1071.1 62.4 116.0#





#13

Acetone

Concen: 2.168 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

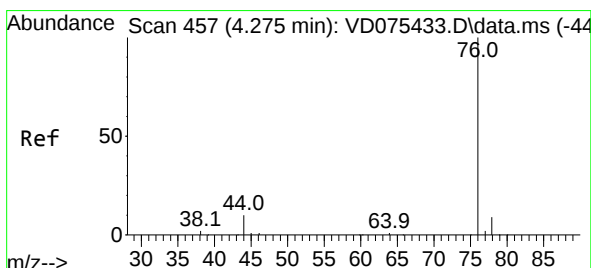
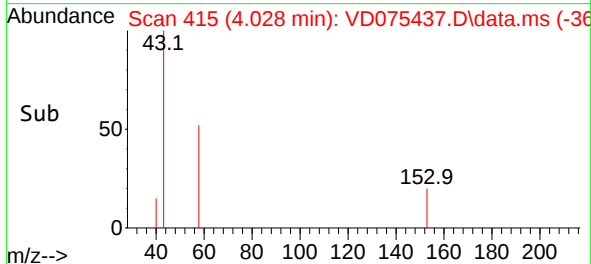
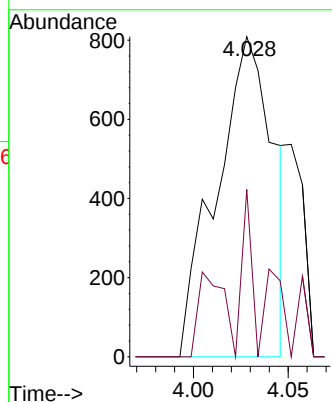
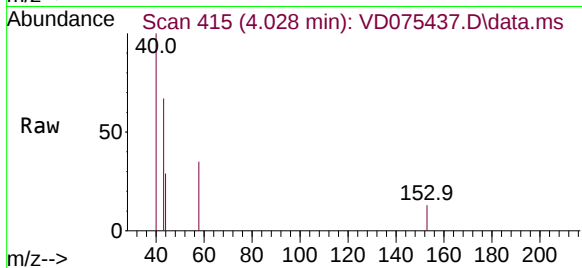
MDL01

Tgt Ion: 43 Resp: 1674

Ion Ratio Lower Upper

43 100

58 8.9 0.0 75.4



#14

Carbon disulfide

Concen: 1.152 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

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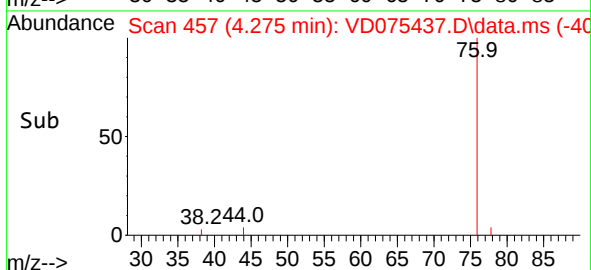
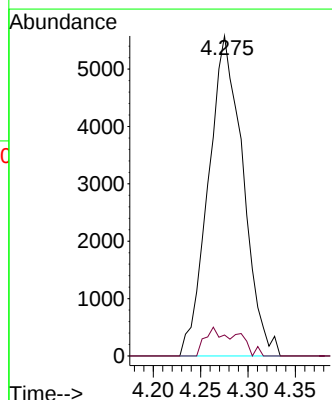
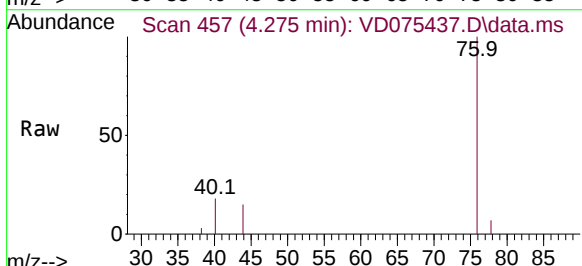
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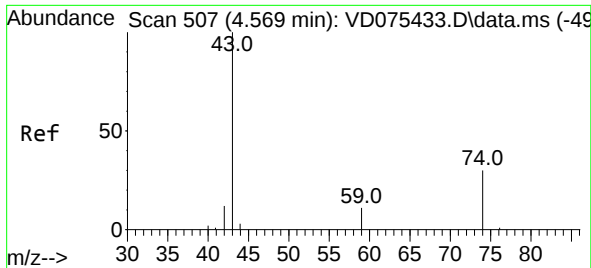
Tgt Ion: 76 Resp: 14177

Ion Ratio Lower Upper

76 100

78 6.6 6.8 10.2#

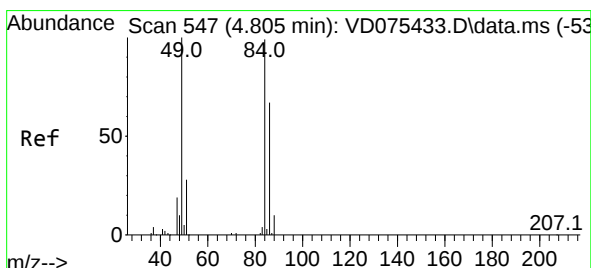
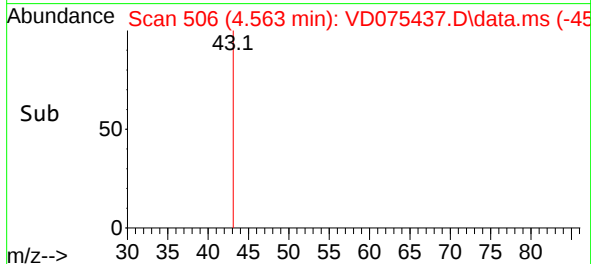
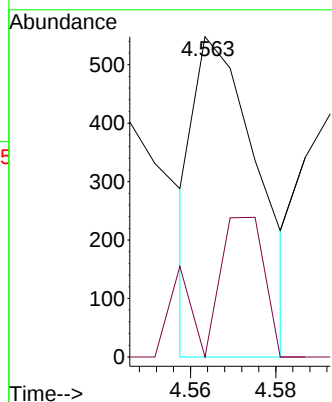
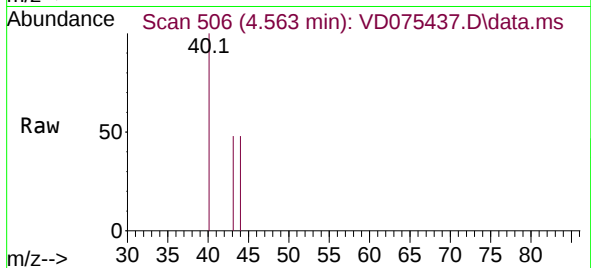




#15
Methyl Acetate
Concen: 0.429 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

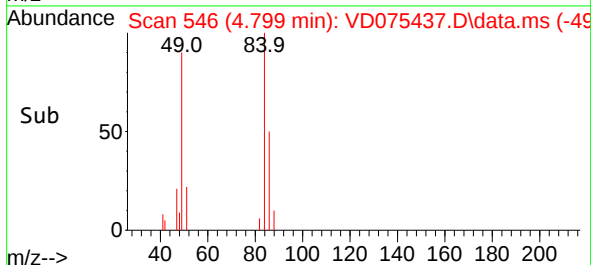
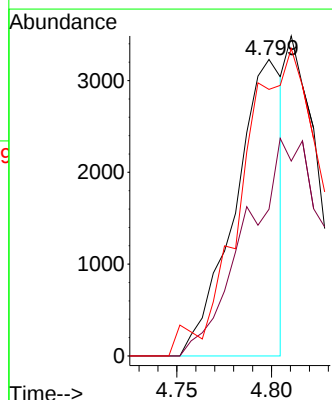
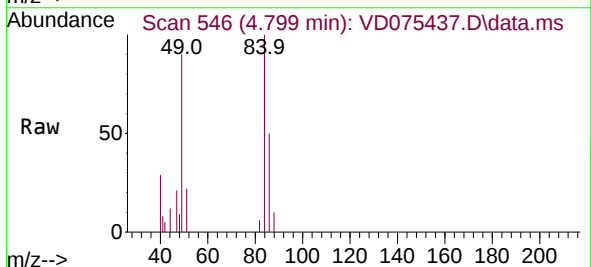
Instrument :
MSVOA_D
ClientSampleId :
MDL01

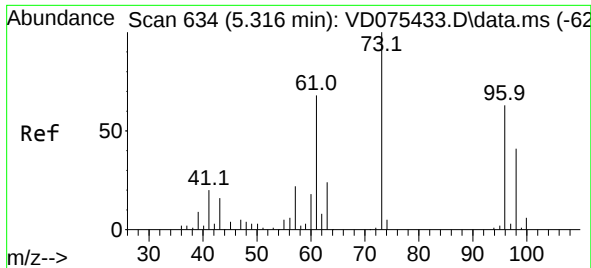
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
74 9.8 25.7 38.5#



#16
Methylene chloride
Concen: 0.900 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion: 84 Resp: 5645
Ion Ratio Lower Upper
84 100
86 49.5 44.2 82.2
49 89.9 63.6 118.2

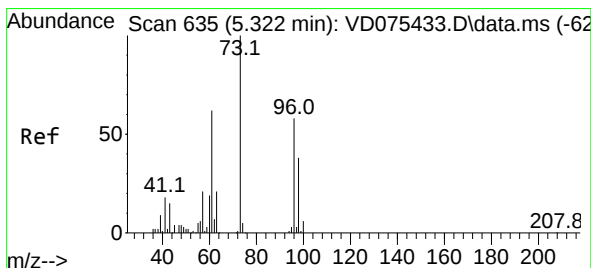
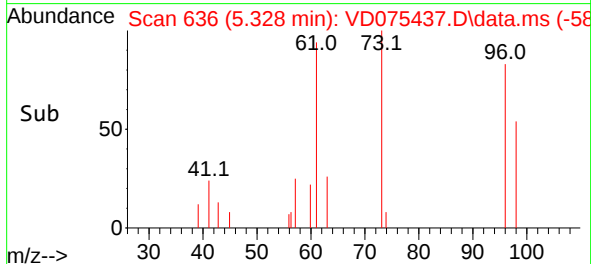
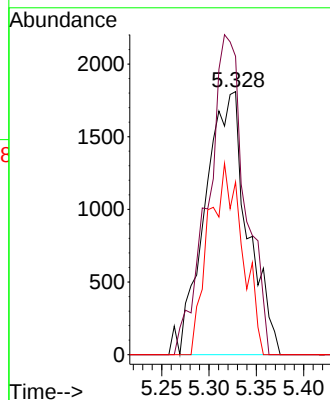
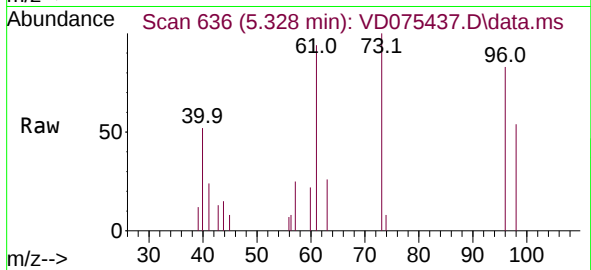




#17
trans-1,2-Dichloroethene
Concen: 1.190 ug/L
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

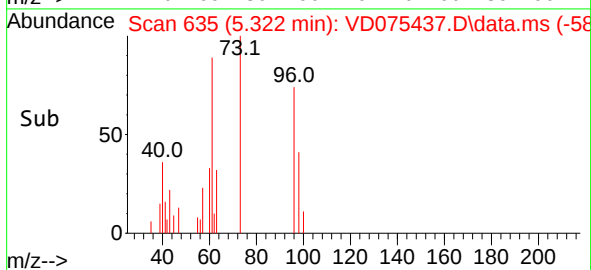
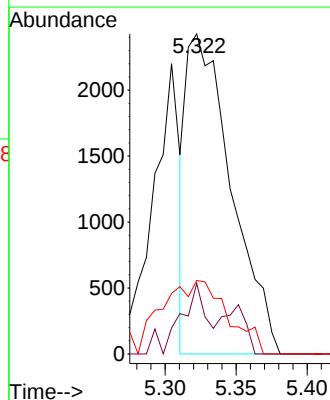
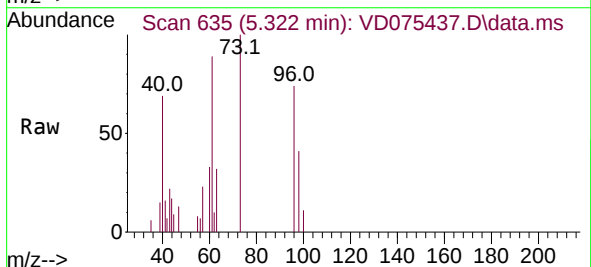
Instrument :
MSVOA_D
ClientSampleId :
MDL01

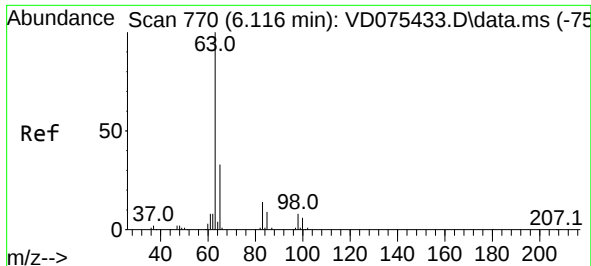
Tgt Ion: 96 Resp: 5616
Ion Ratio Lower Upper
96 100
61 113.4 77.8 144.6
98 65.6 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 0.612 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion: 73 Resp: 5368
Ion Ratio Lower Upper
73 100
43 11.8 12.1 18.1#
57 10.6 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 0.598 ug/L

RT: 6.110 min Scan# 770

Delta R.T. -0.006 min

Lab File: VD075437.D

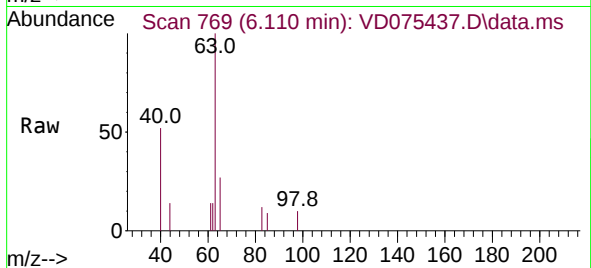
Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01



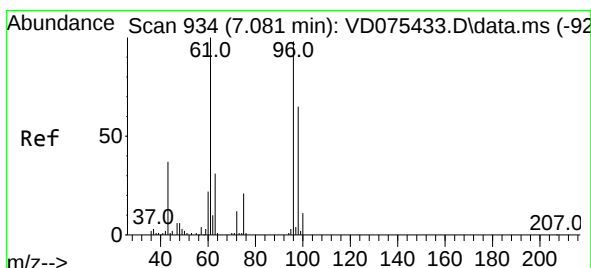
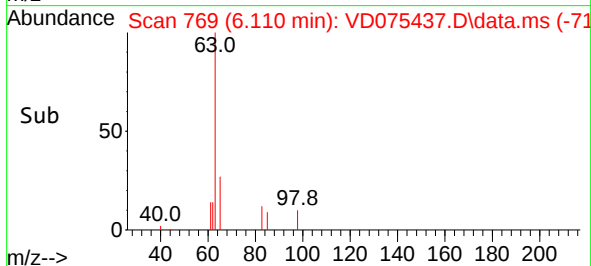
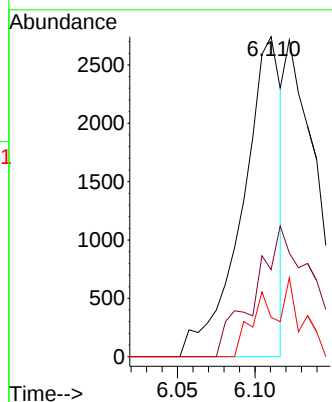
Tgt Ion: 63 Resp: 4775

Ion Ratio Lower Upper

63 100

65 27.2 21.1 39.3

83 12.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 0.588 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

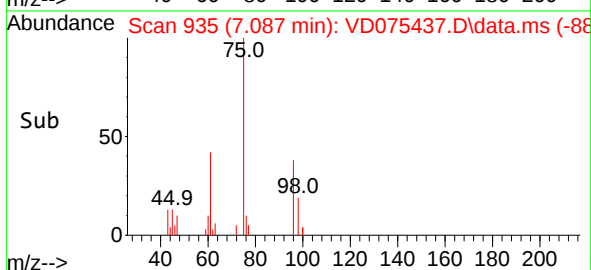
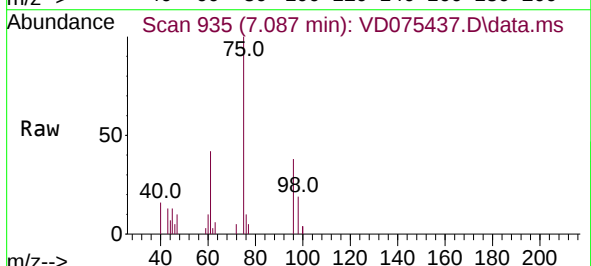
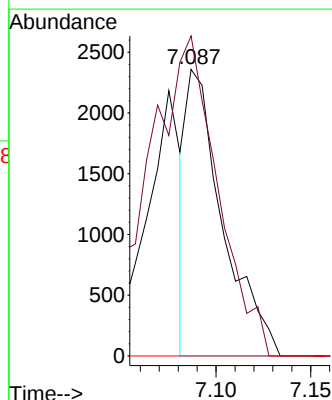
Tgt Ion: 96 Resp: 3134

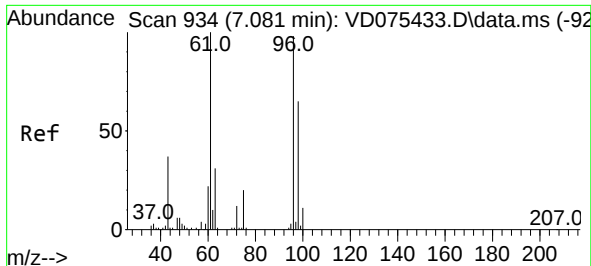
Ion Ratio Lower Upper

96 100

61 111.7 73.9 137.3

68 0.0 0.0 0.0

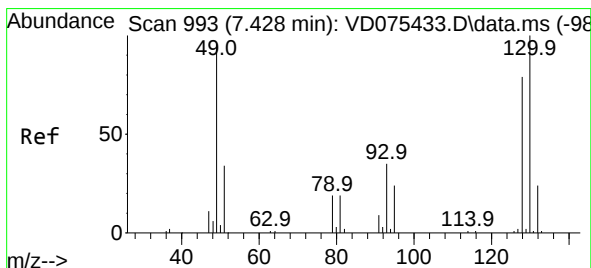
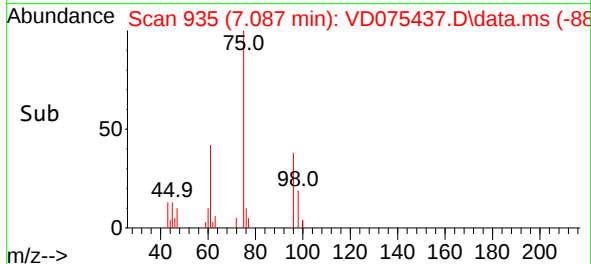
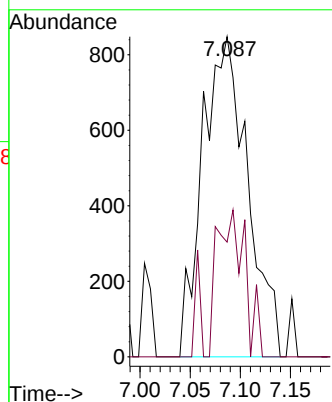
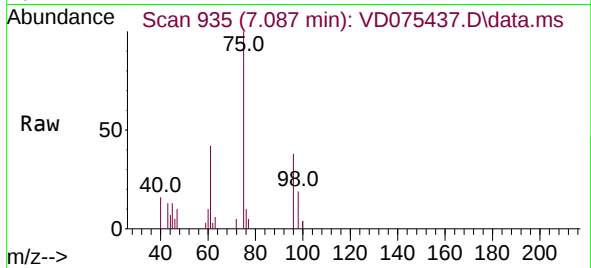




#22
2-Butanone
Concen: 2.712 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

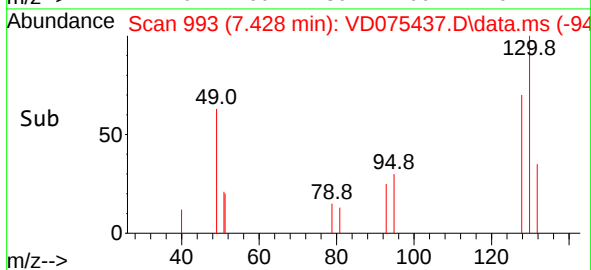
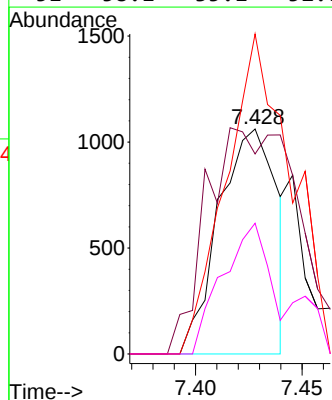
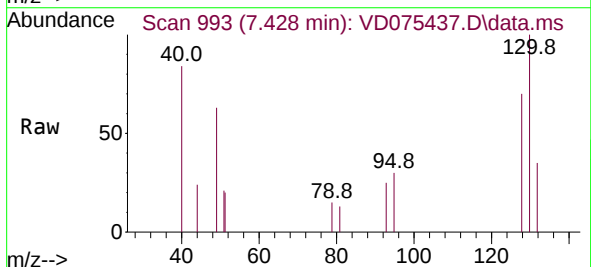
Instrument :
MSVOA_D
ClientSampleId :
MDL01

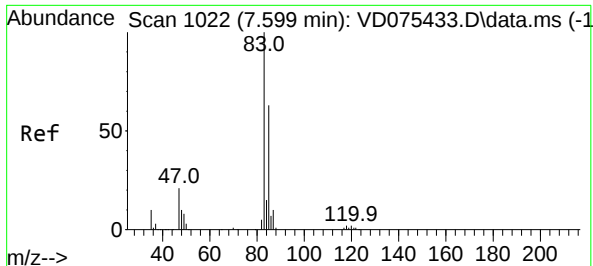
Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
72 8.1 18.3 54.9#



#23
Bromochloromethane
Concen: 0.876 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:128 Resp: 2001
Ion Ratio Lower Upper
128 100
49 88.9 84.2 156.4
130 142.2 82.5 153.1
51 58.1 35.1 52.7#





#25

Chloroform

Concen: 1.276 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

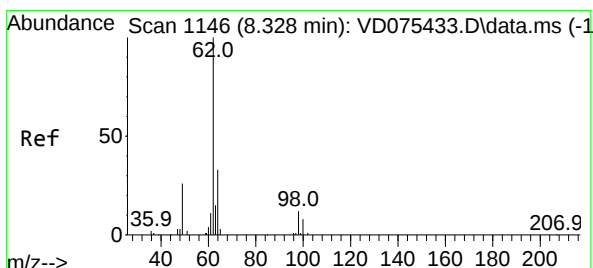
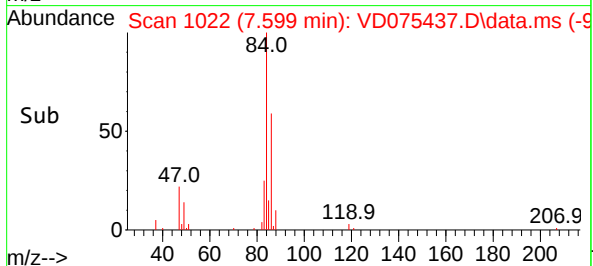
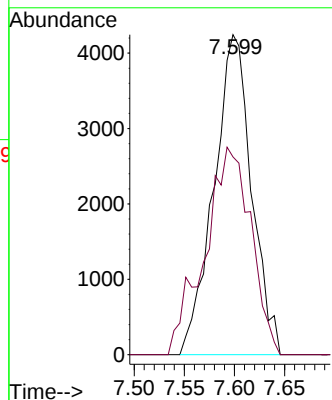
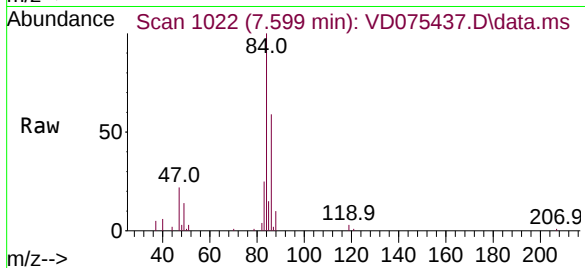
MDL01

Tgt Ion: 83 Resp: 11106

Ion Ratio Lower Upper

83 100

85 61.8 44.9 83.3



#27

1,2-Dichloroethane

Concen: 1.047 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075437.D

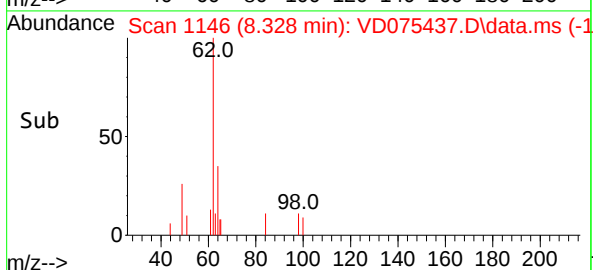
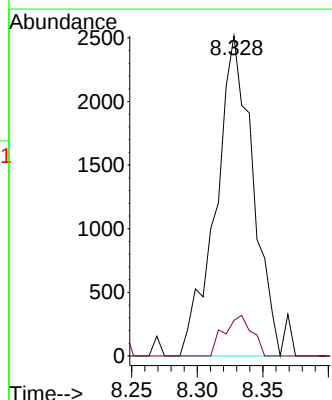
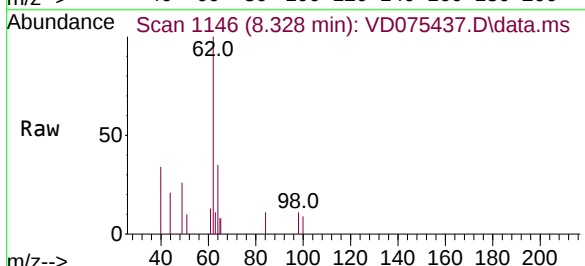
Acq: 02 Mar 2023 12:03

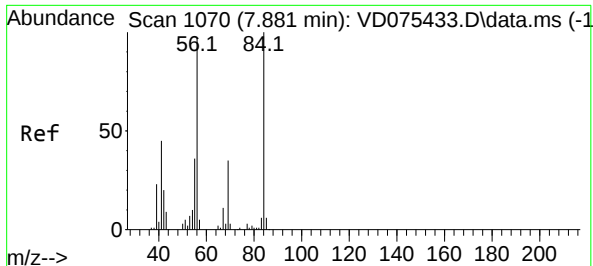
Tgt Ion: 62 Resp: 4916

Ion Ratio Lower Upper

62 100

98 11.1 8.8 13.2





#29

Cyclohexane

Concen: 0.041 ug/L

RT: 7.840 min Scan# 1063

Delta R.T. -0.041 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01

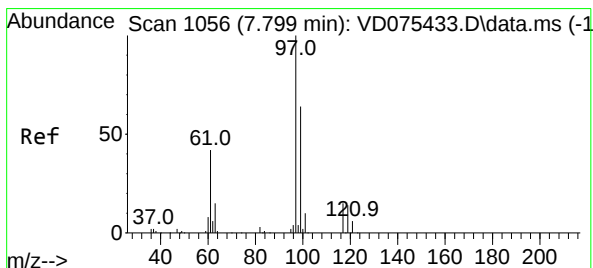
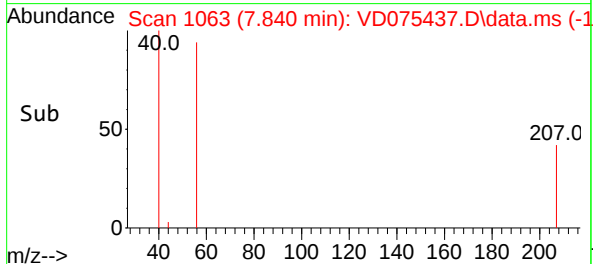
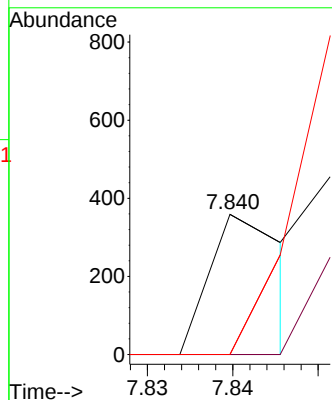
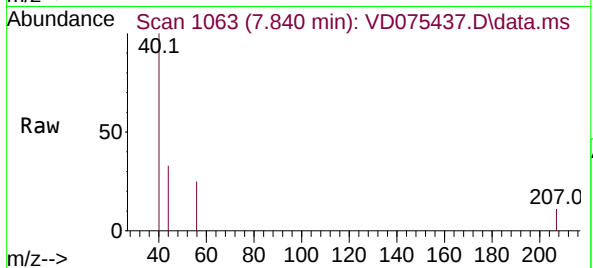
Tgt Ion: 56 Resp: 228

Ion Ratio Lower Upper

56 100

69 415.4 27.0 40.6#

84 2702.6 85.0 127.6#



#30

1,1,1-Trichloroethane

Concen: 1.136 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

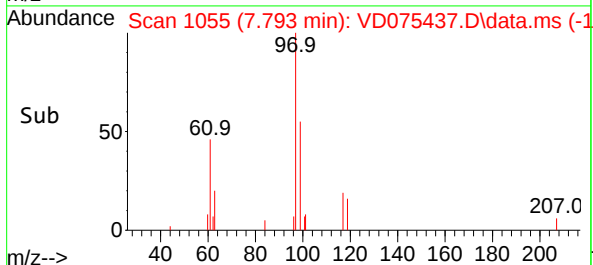
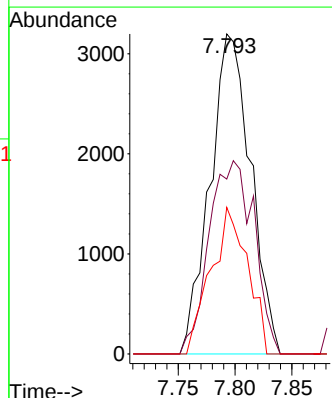
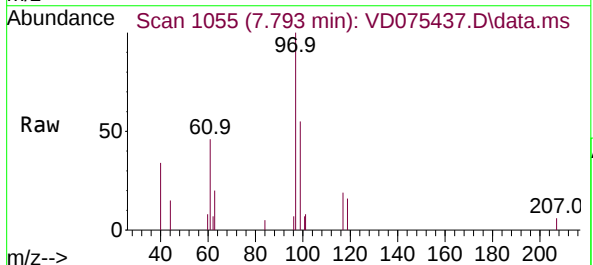
Tgt Ion: 97 Resp: 7969

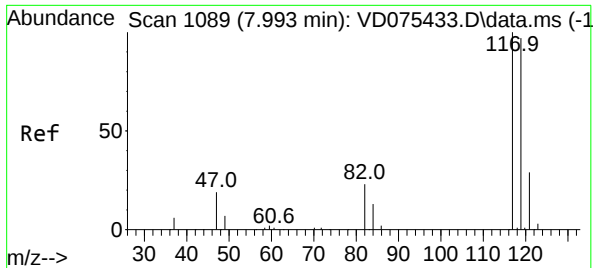
Ion Ratio Lower Upper

97 100

99 66.6 51.0 76.4

61 41.3 34.0 51.0

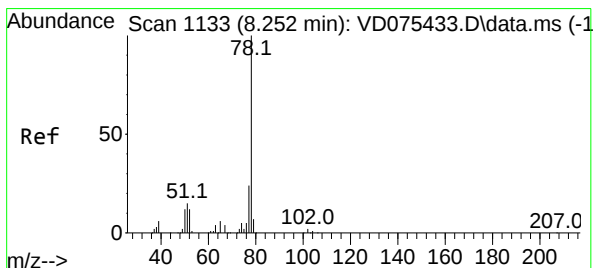
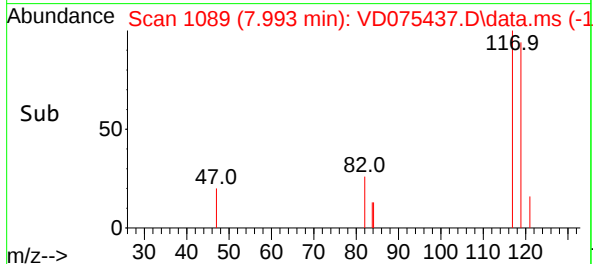
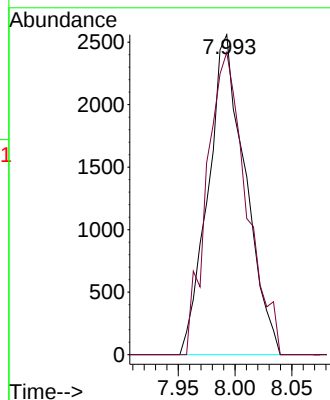
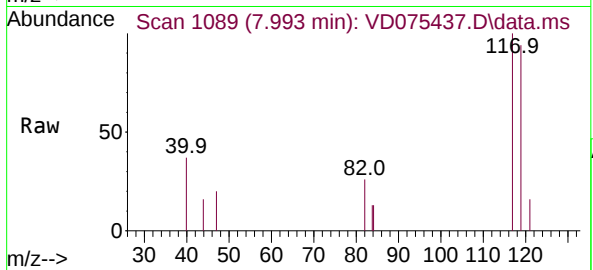




#31
Carbon tetrachloride
Concen: 1.045 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

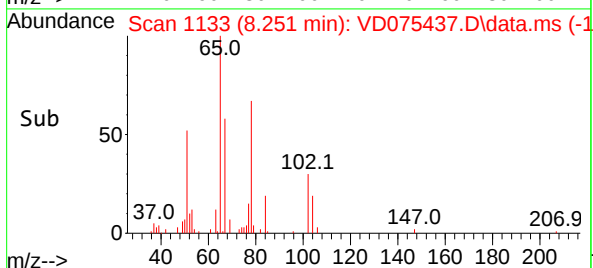
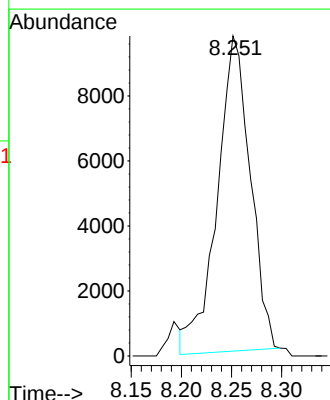
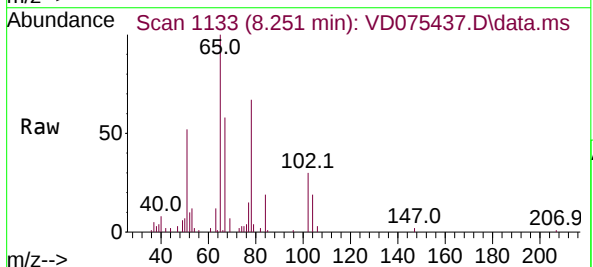
Instrument :
MSVOA_D
ClientSampleId :
MDL01

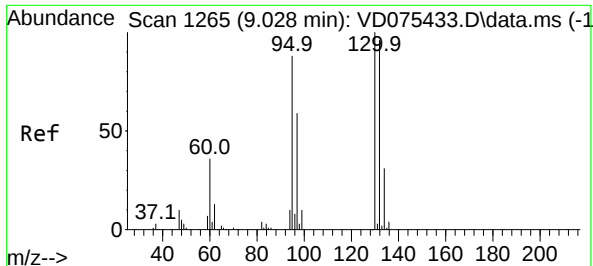
Tgt Ion:117 Resp: 5822
Ion Ratio Lower Upper
117 100
119 100.1 76.2 114.2



#33
Benzene
Concen: 1.184 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion: 78 Resp: 22206



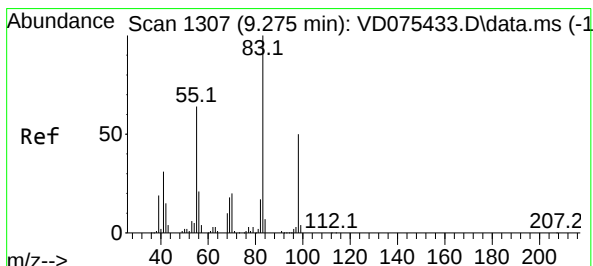
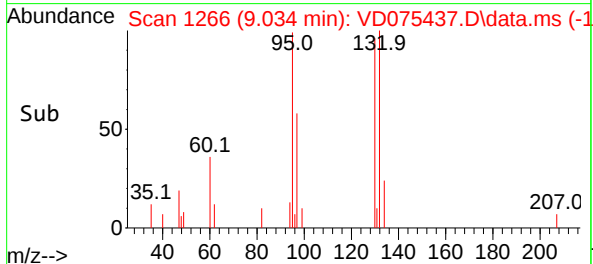
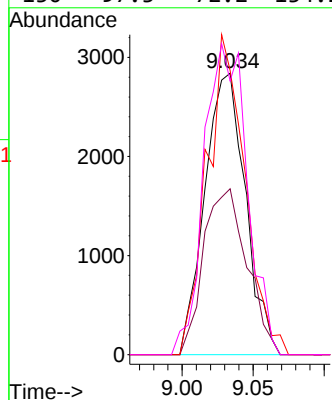
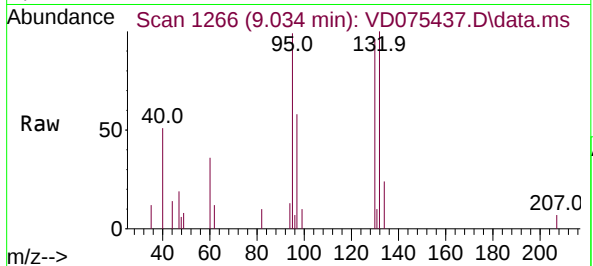


#34
Trichloroethene
Concen: 1.154 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion: 95 Resp: 5651

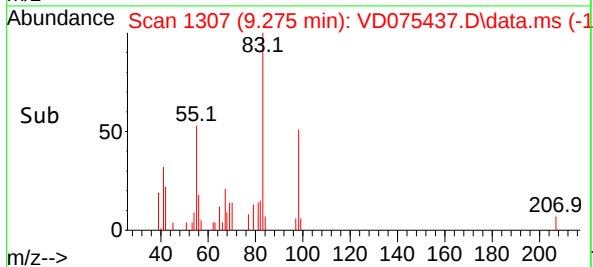
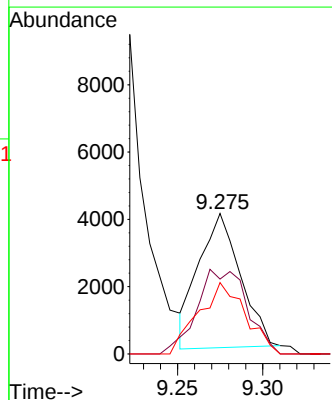
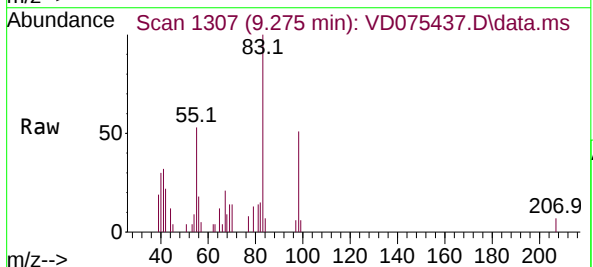
Ion	Ratio	Lower	Upper
95	100		
97	58.9	44.7	83.1
132	101.0	70.0	130.0
130	97.3	72.2	134.2

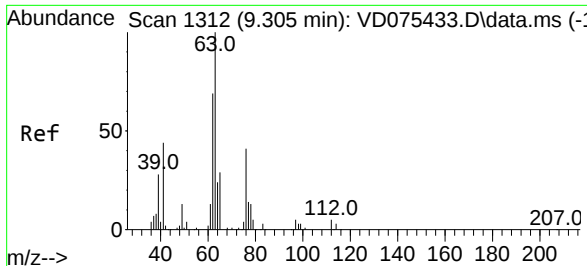


#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion: 83 Resp: 6808

Ion	Ratio	Lower	Upper
83	100		
55	40.5	49.3	73.9#
98	59.5	39.8	59.6

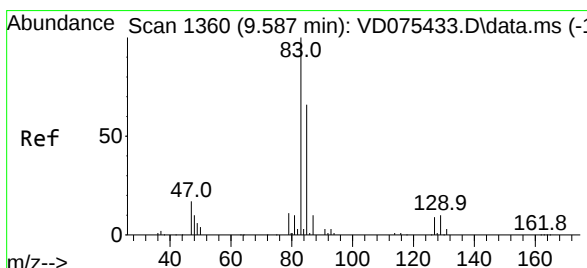
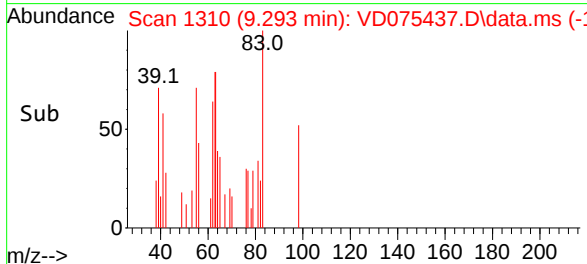
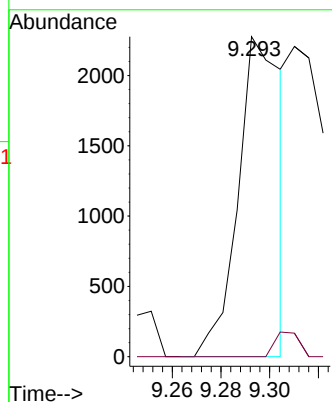
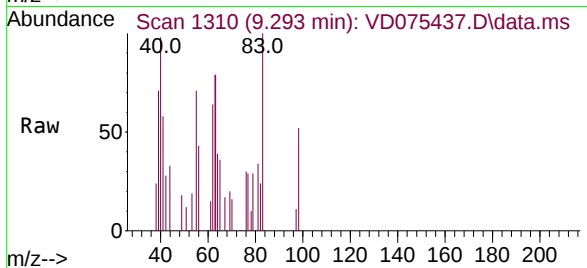




#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 9.293 min Scan# 1310
Delta R.T. -0.012 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

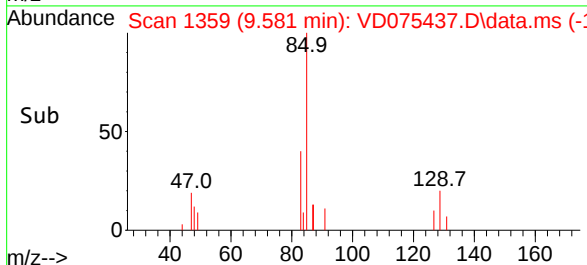
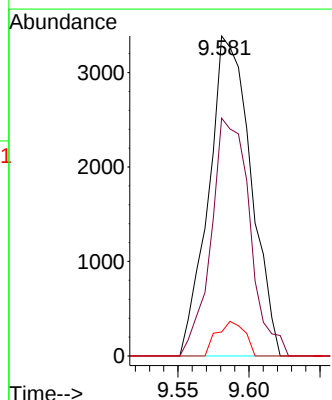
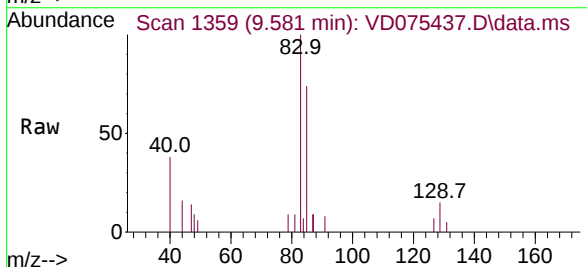
Instrument :
MSVOA_D
ClientSampleId :
MDL01

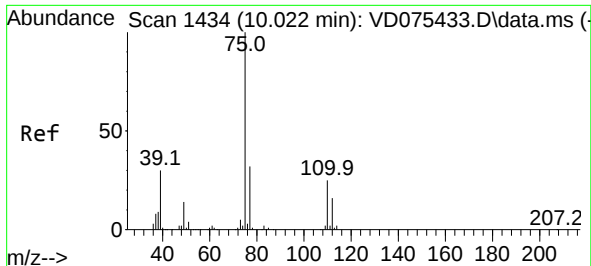
Tgt Ion: 63 Resp: 2807
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 1.146 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion: 83 Resp: 6988
Ion Ratio Lower Upper
83 100
85 74.3 44.6 82.8
127 7.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 1.088 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

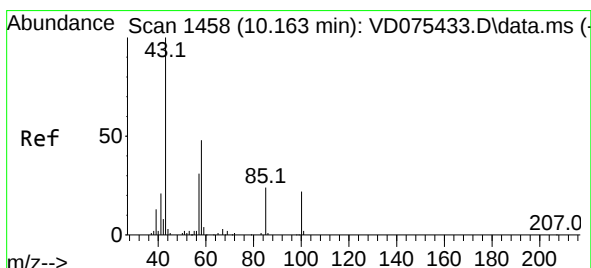
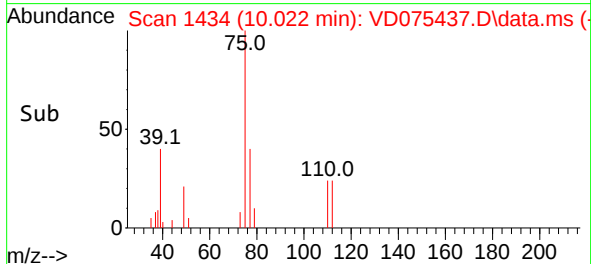
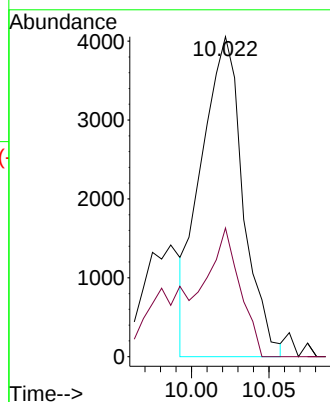
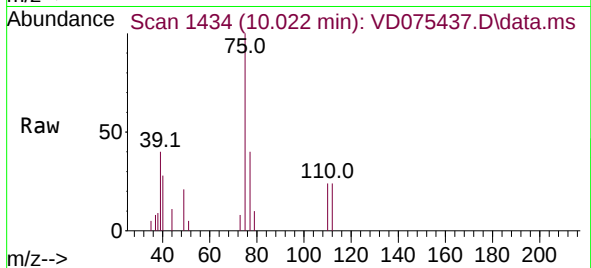
MDL01

Tgt Ion: 75 Resp: 7676

Ion Ratio Lower Upper

75 100

77 40.2 21.6 40.0#



#40

4-Methyl-2-pentanone

Concen: 1.946 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

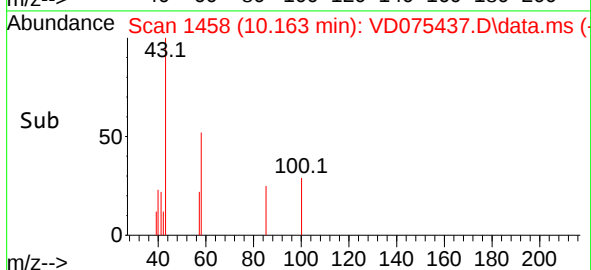
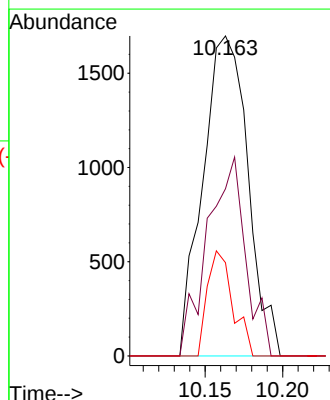
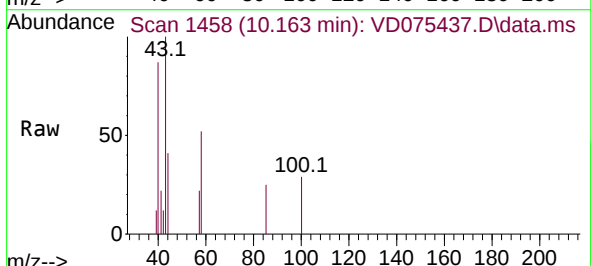
Tgt Ion: 43 Resp: 3440

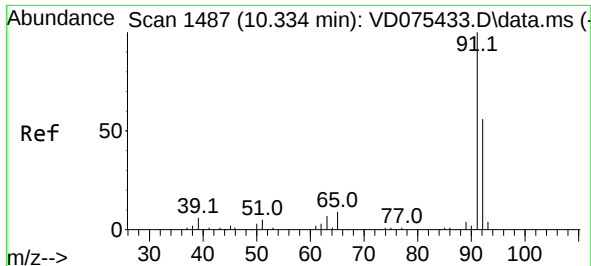
Ion Ratio Lower Upper

43 100

58 52.6 39.0 58.6

100 18.5 18.7 28.1#





#42

Toluene

Concen: 1.168 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

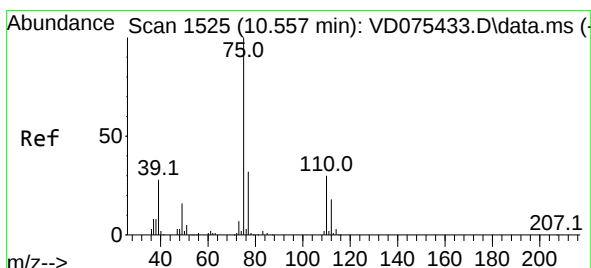
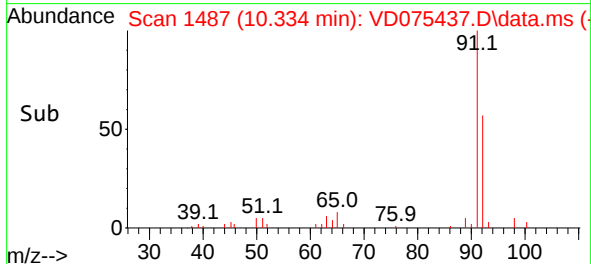
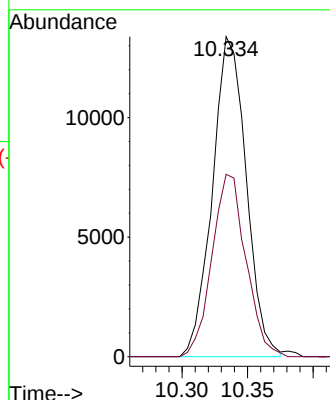
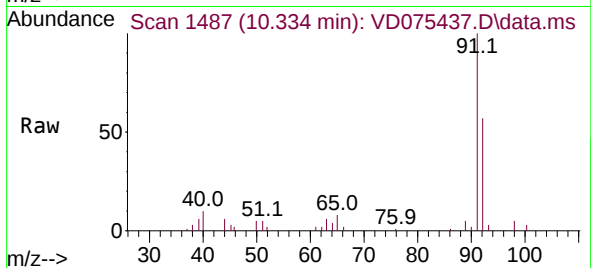
MDL01

Tgt Ion: 91 Resp: 23989

Ion Ratio Lower Upper

91 100

92 57.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 1.345 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075437.D

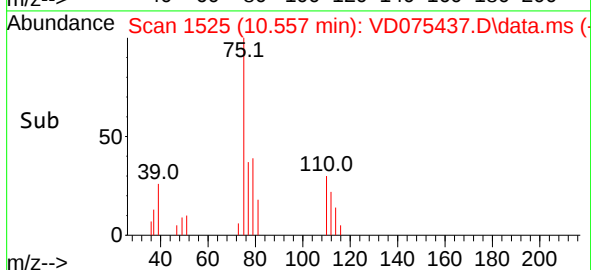
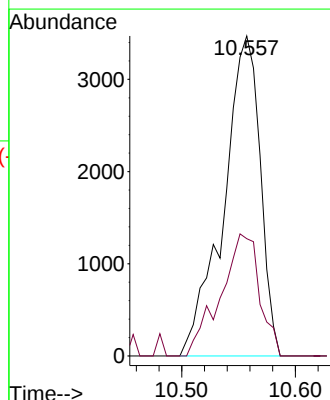
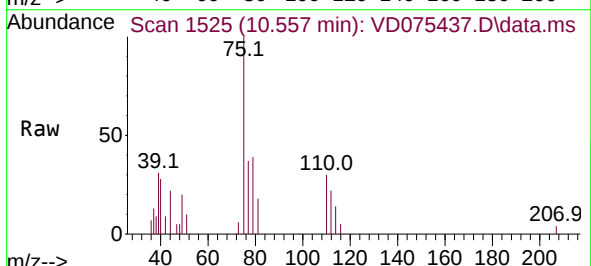
Acq: 02 Mar 2023 12:03

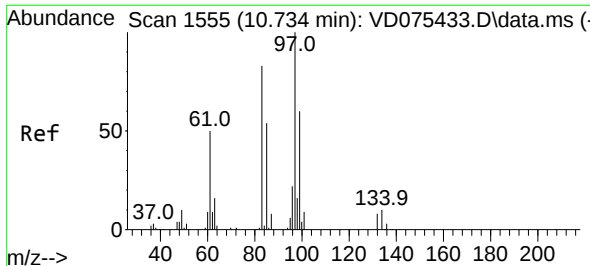
Tgt Ion: 75 Resp: 7815

Ion Ratio Lower Upper

75 100

77 36.7 22.4 41.6

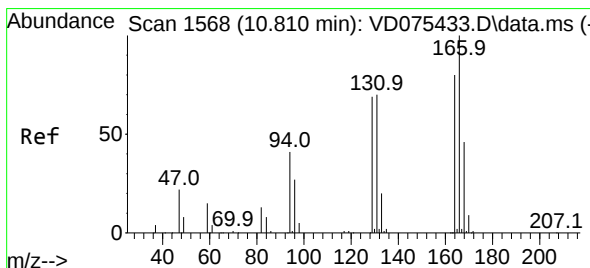
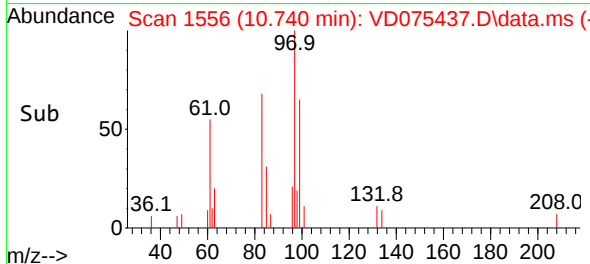
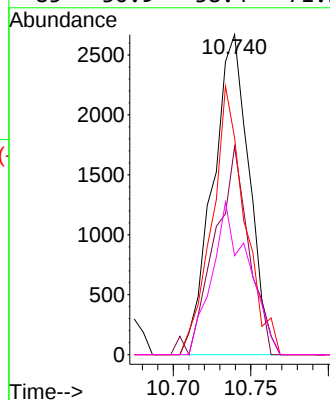
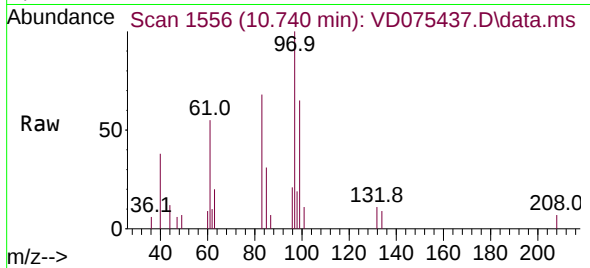




#45
1,1,2-Trichloroethane
Concen: 1.185 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

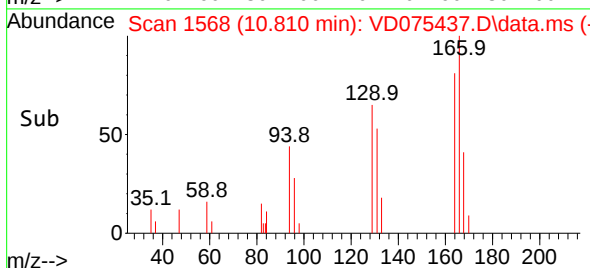
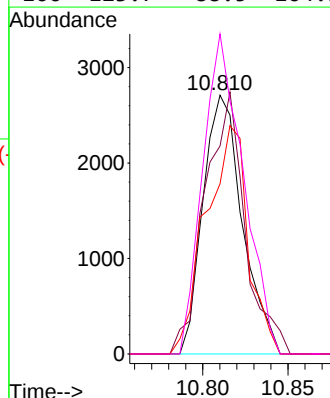
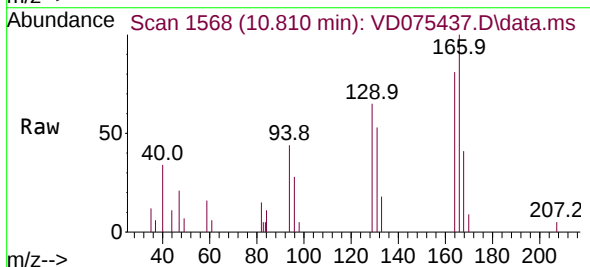
Instrument :
MSVOA_D
ClientSampleId :
MDL01

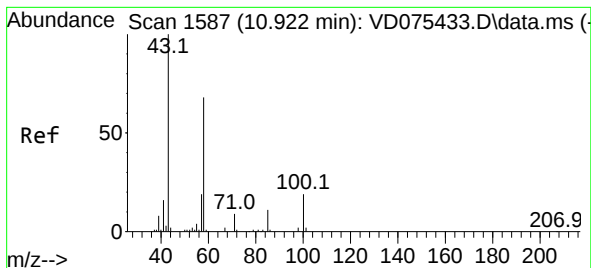
Tgt Ion:	97	Resp:	4361
Ion	Ratio	Lower	Upper
97	100		
99	65.0	40.9	76.0
83	67.7	57.7	107.1
85	30.9	38.4	71.2



#46
Tetrachloroethene
Concen: 1.163 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:	164	Resp:	4364
Ion	Ratio	Lower	Upper
164	100		
129	80.4	65.4	121.4
131	65.8	64.1	119.1
166	123.7	88.5	164.3





#48

2-Hexanone

Concen: 2.221 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01

Tgt Ion: 43 Resp: 2888

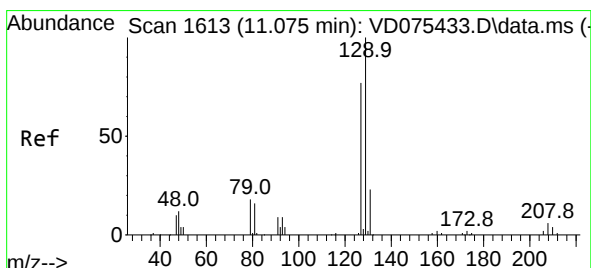
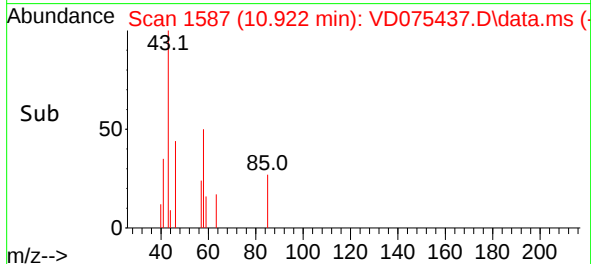
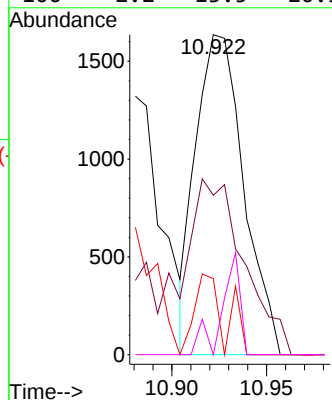
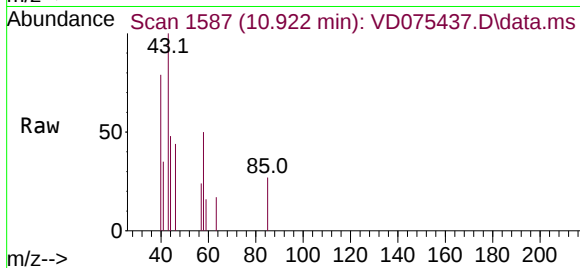
Ion Ratio Lower Upper

43 100

58 59.2 53.1 79.7

57 11.7 16.7 25.1#

100 2.2 13.5 20.3#



#49

Dibromochloromethane

Concen: 1.145 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075437.D

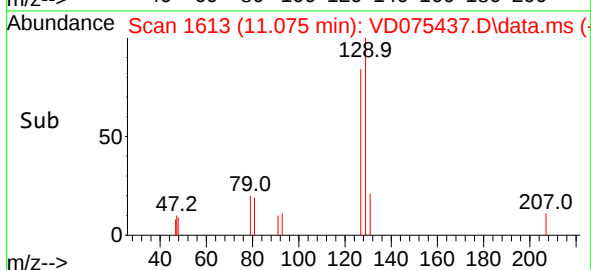
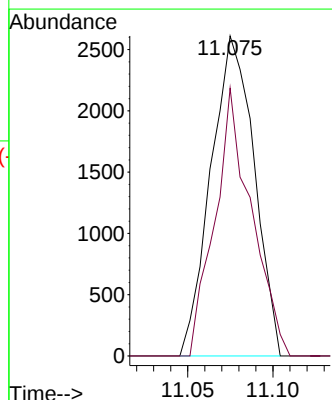
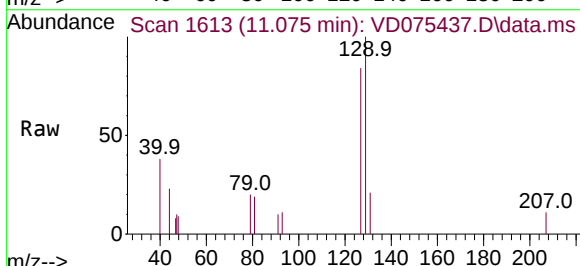
Acq: 02 Mar 2023 12:03

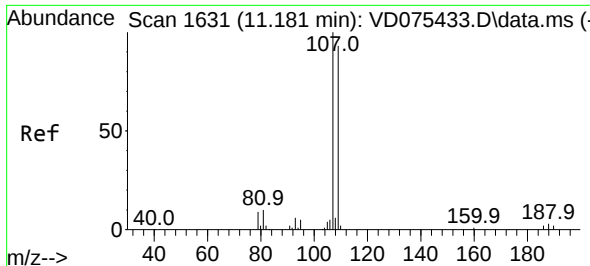
Tgt Ion: 129 Resp: 4605

Ion Ratio Lower Upper

129 100

127 83.7 53.7 99.7

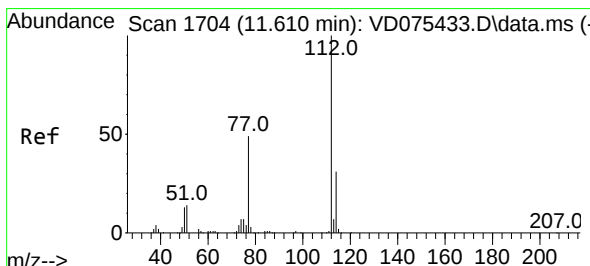
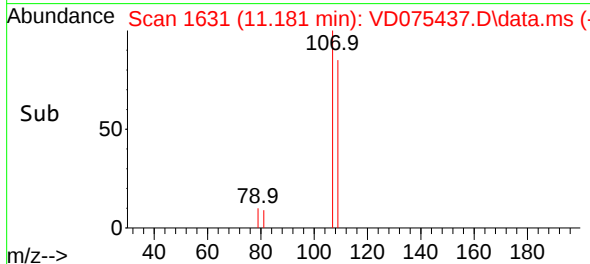
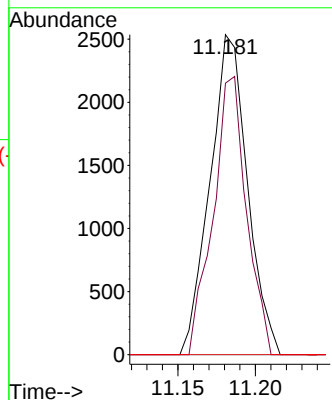
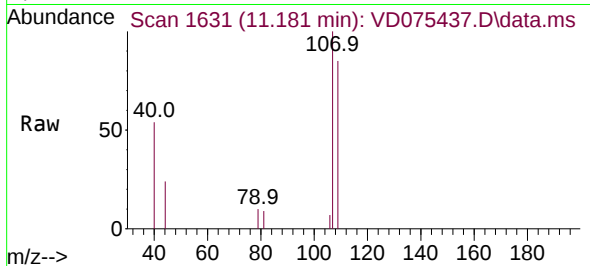




#50
1,2-Dibromoethane
Concen: 1.281 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

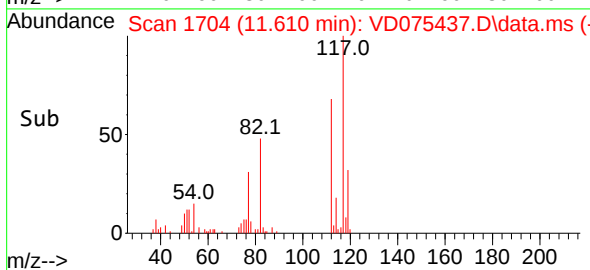
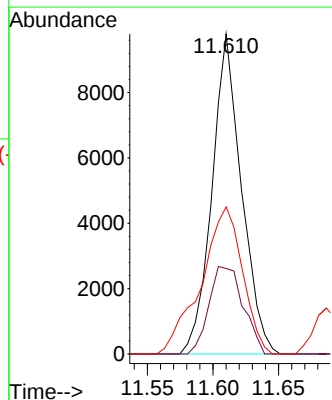
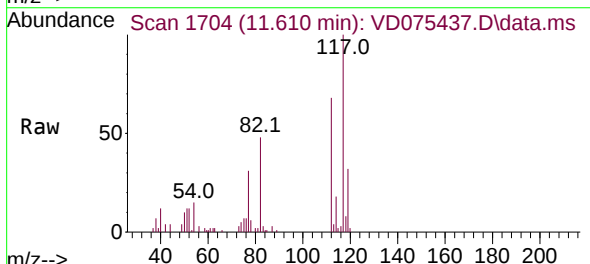
Instrument :
MSVOA_D
ClientSampleId :
MDL01

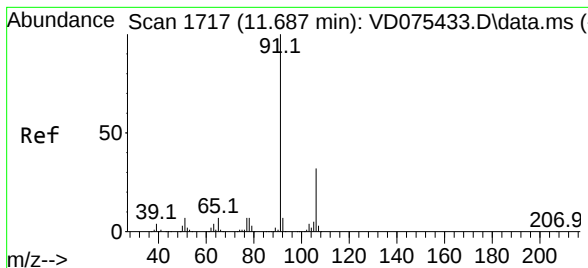
Tgt Ion:107 Resp: 4261
Ion Ratio Lower Upper
107 100
109 84.9 64.2 119.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 1.147 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:112 Resp: 15304
Ion Ratio Lower Upper
112 100
114 26.7 22.3 41.3
77 45.9 40.2 60.2

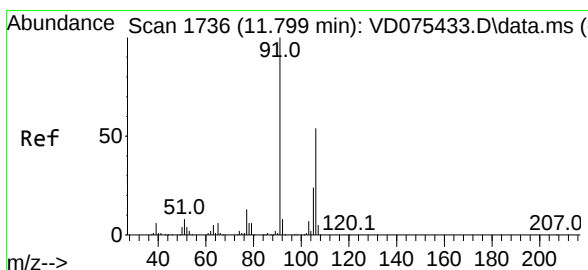
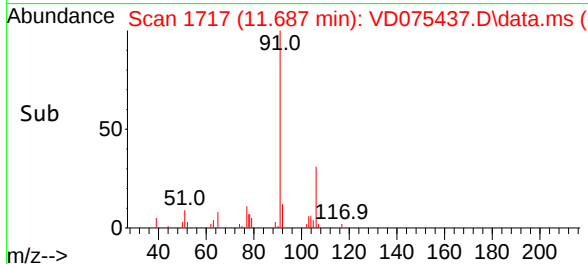
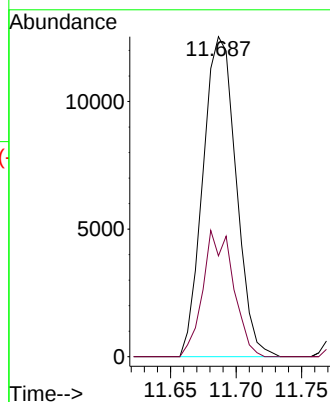
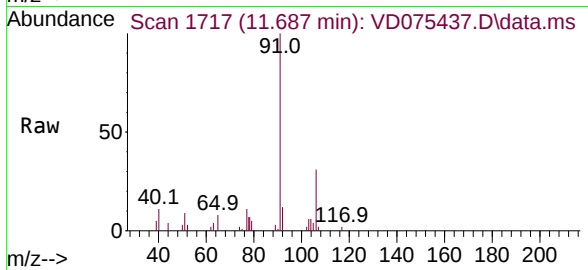




#52
Ethylbenzene
Concen: 1.012 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

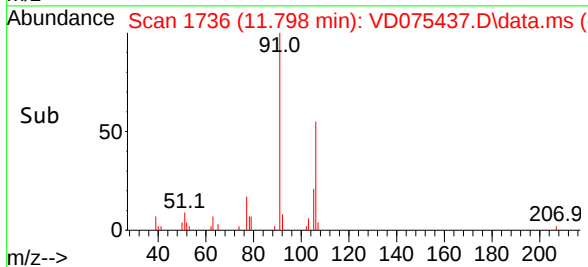
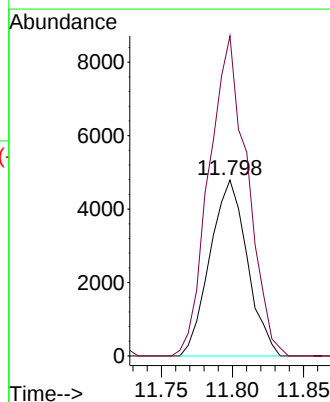
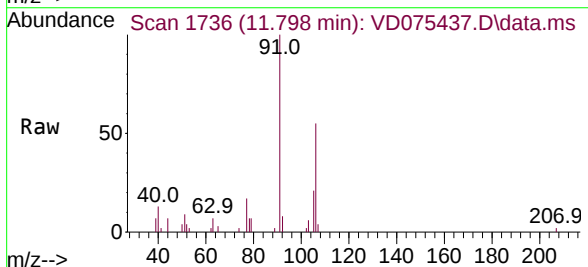
Instrument :
MSVOA_D
ClientSampleId :
MDL01

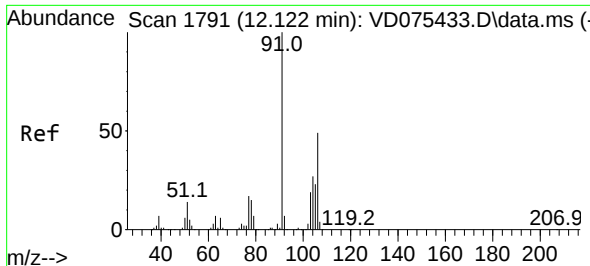
Tgt Ion: 91 Resp: 22088
Ion Ratio Lower Upper
91 100
106 31.5 23.1 42.9



#53
m,p-Xylene
Concen: 1.017 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion: 106 Resp: 8747
Ion Ratio Lower Upper
106 100
91 181.9 134.1 249.1

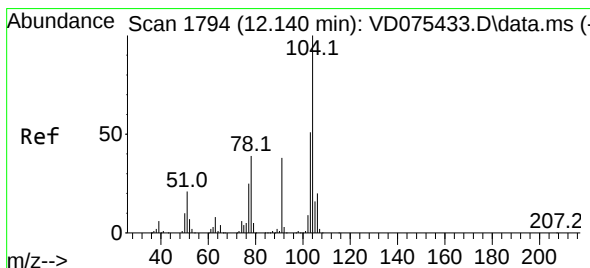
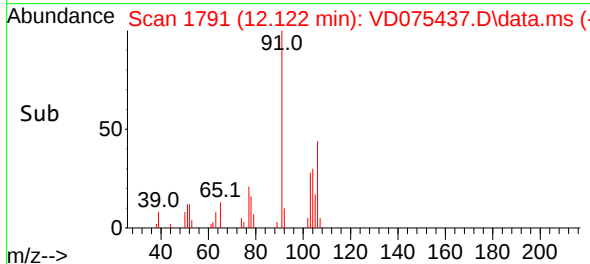
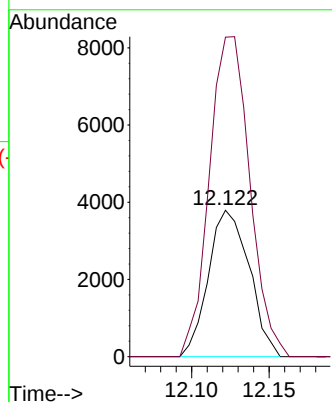
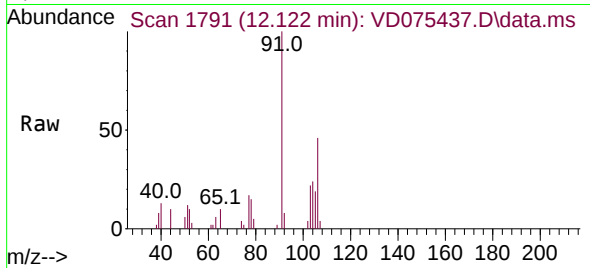




#54
o-Xylene
Concen: 0.855 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

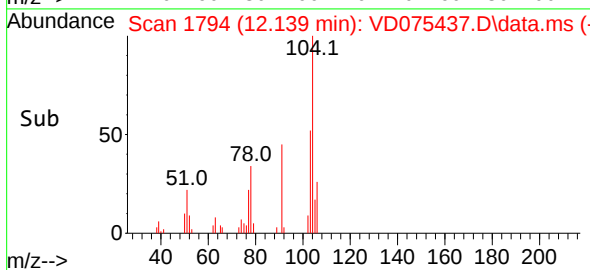
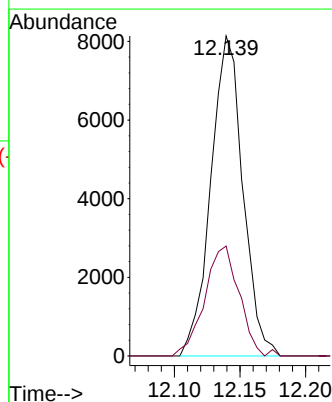
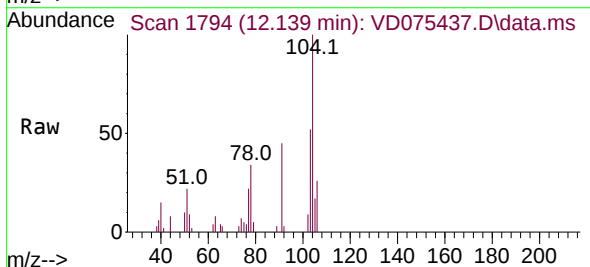
Instrument :
MSVOA_D
ClientSampleId :
MDL01

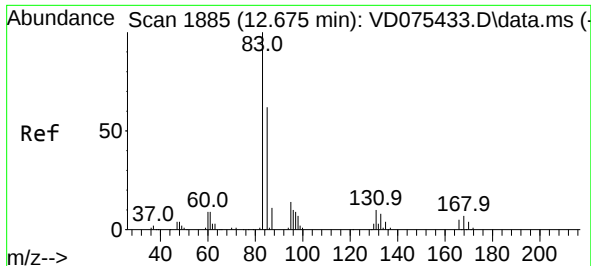
Tgt Ion:	106	Resp:	6954
Ion Ratio	Lower	Upper	
106	100		
91	218.2	142.3	264.3



#55
Styrene
Concen: 0.957 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:	104	Resp:	13828
Ion Ratio	Lower	Upper	
104	100		
78	34.4	26.0	48.2

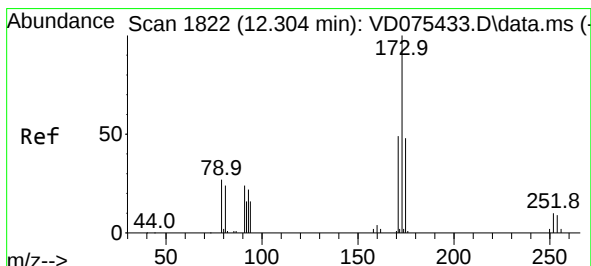
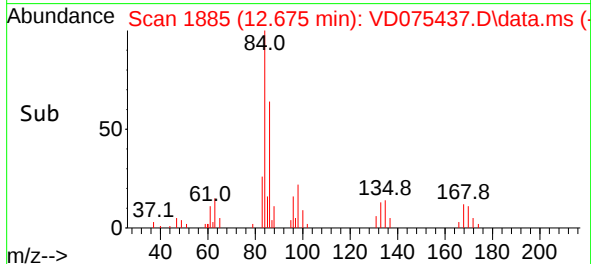
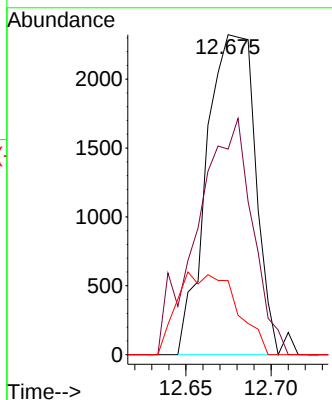
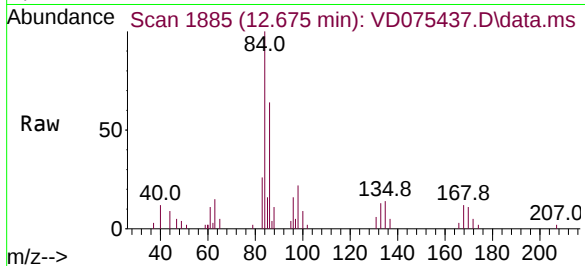




#57
1,1,2,2-Tetrachloroethane
Concen: 1.143 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

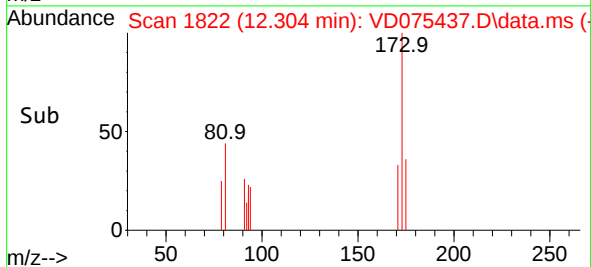
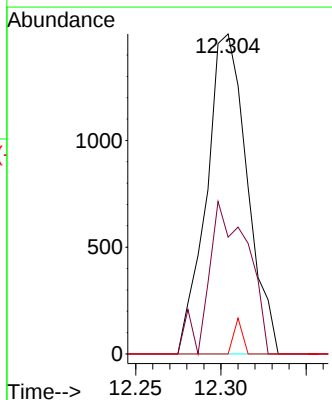
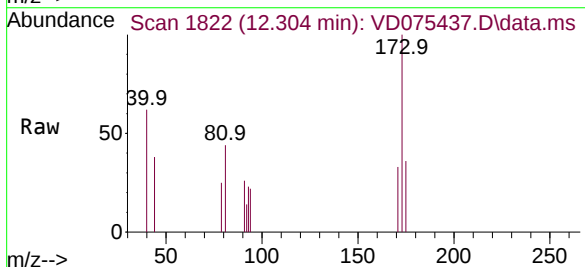
Instrument :
MSVOA_D
ClientSampleId :
MDL01

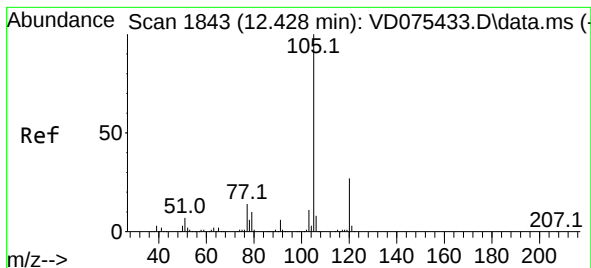
Tgt Ion:	83	Resp:	4603
Ion	Ratio	Lower	Upper
83	100		
85	64.2	46.3	85.9
131	23.1	8.1	12.1#



#59
Bromoform
Concen: 1.214 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:	173	Resp:	2496
Ion	Ratio	Lower	Upper
173	100		
175	22.5	39.3	58.9#
254	0.0	7.3	10.9#





#60

Isopropylbenzene

Concen: 1.042 ug/L

RT: 12.428 min Scan# 1843

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01

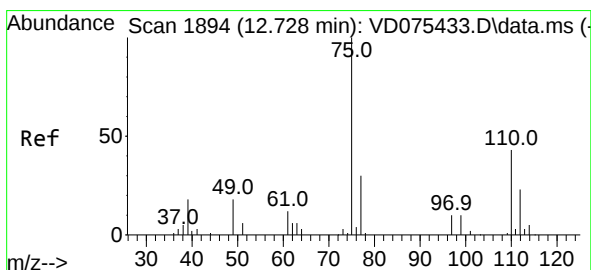
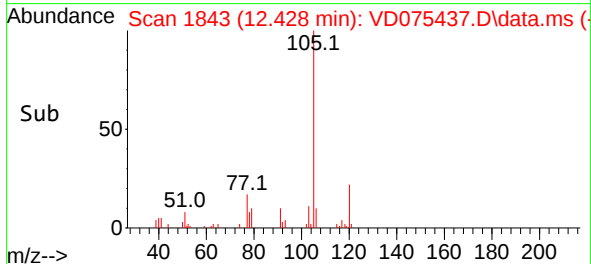
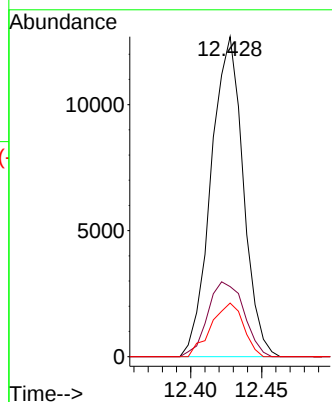
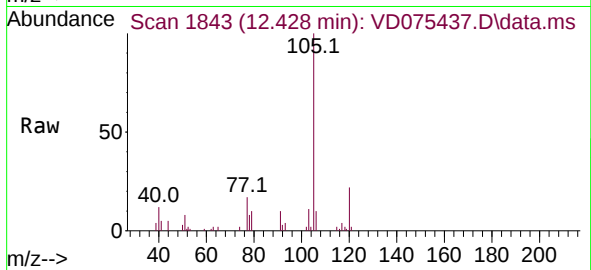
Tgt Ion:105 Resp: 19971

Ion Ratio Lower Upper

105 100

120 26.4 21.8 32.6

77 16.8 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

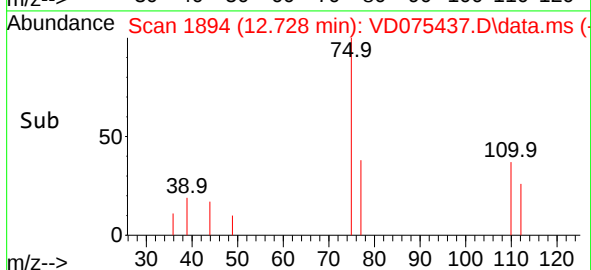
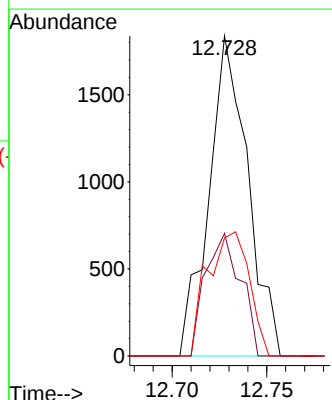
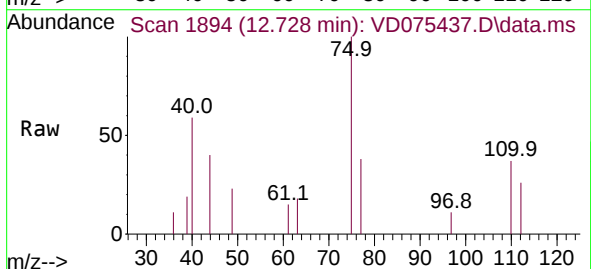
Tgt Ion: 75 Resp: 2628

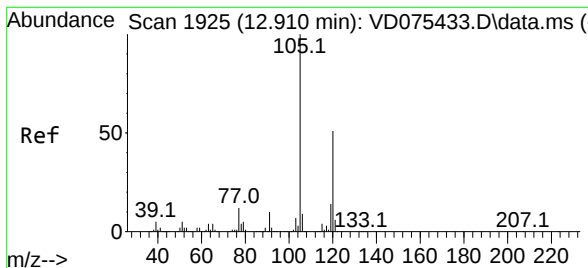
Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.4

110 41.6 33.2 49.8

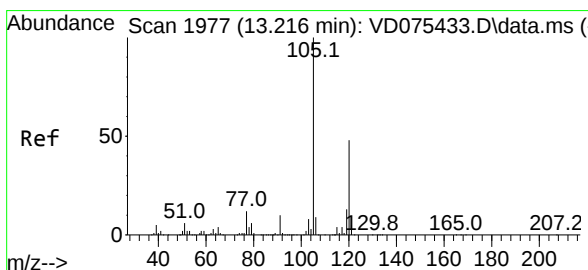
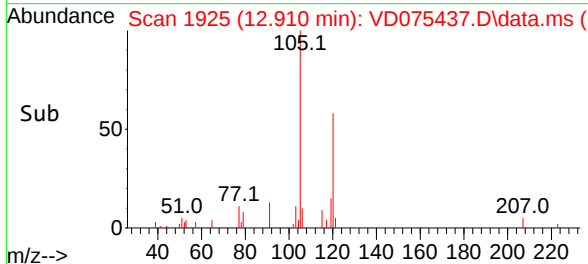
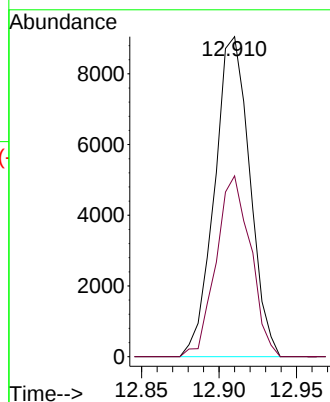
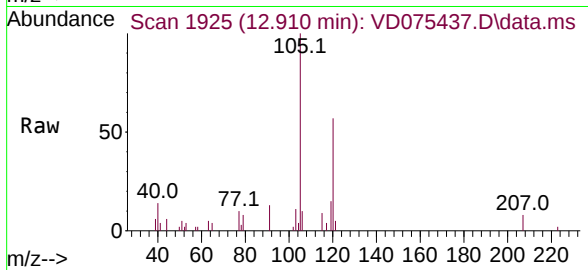




#62
1,3,5-Trimethylbenzene
Concen: 0.996 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

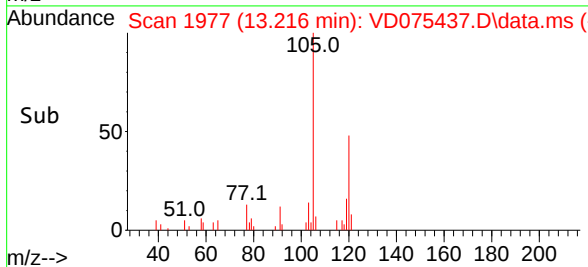
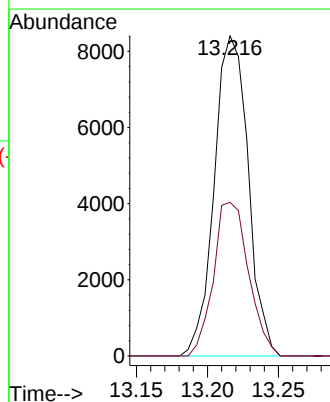
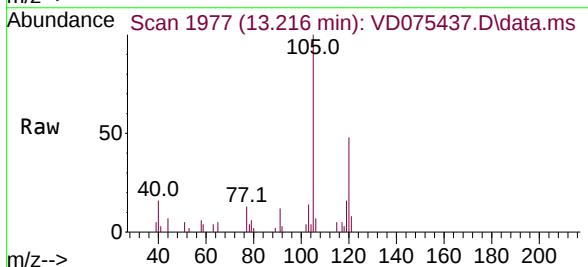
Instrument :
MSVOA_D
ClientSampleId :
MDL01

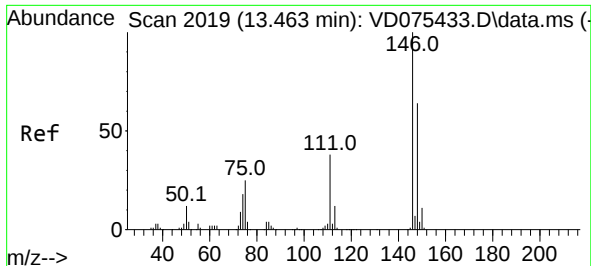
Tgt Ion:105 Resp: 14319
Ion Ratio Lower Upper
105 100
120 55.3 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 0.993 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:105 Resp: 13968
Ion Ratio Lower Upper
105 100
120 49.7 38.2 57.2

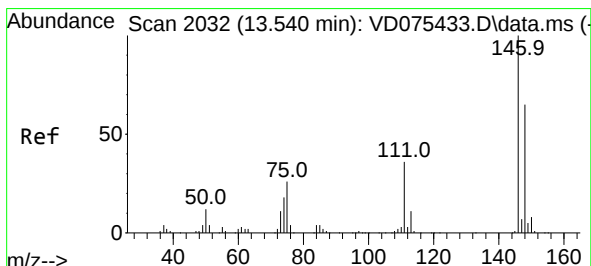
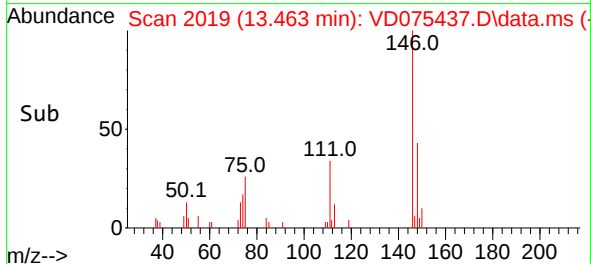
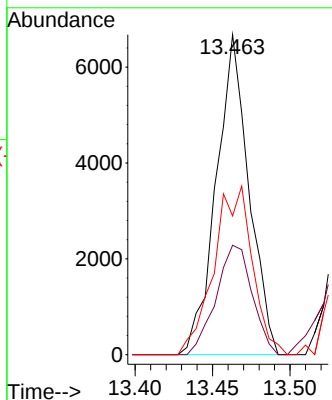
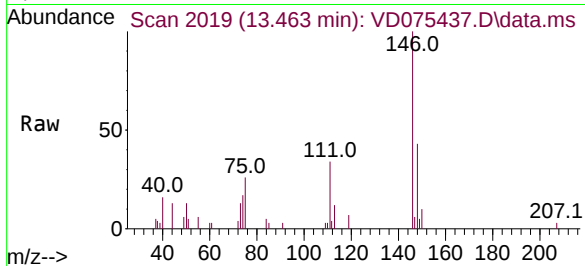




#64
1,3-Dichlorobenzene
Concen: 1.156 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

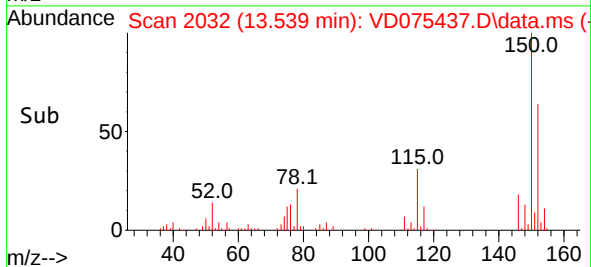
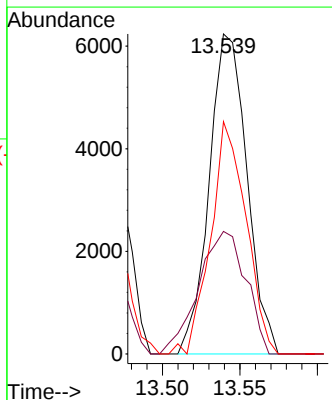
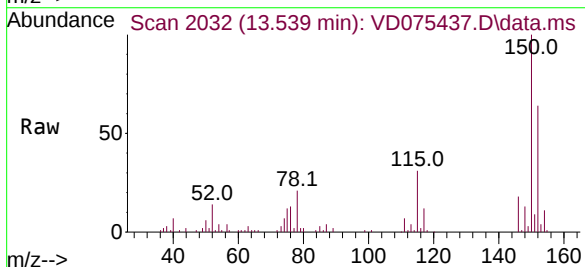
Instrument :
MSVOA_D
ClientSampleId :
MDL01

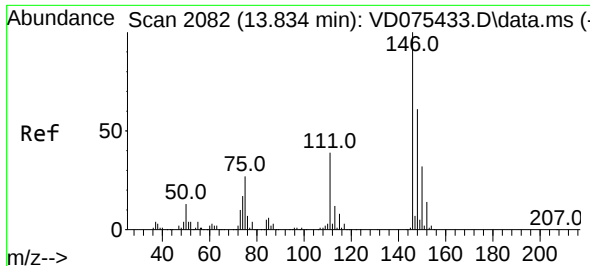
Tgt Ion:146 Resp: 9797
Ion Ratio Lower Upper
146 100
111 38.6 26.0 48.2
148 43.4 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 1.212 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:146 Resp: 10568
Ion Ratio Lower Upper
146 100
111 38.3 24.8 46.1
148 72.6 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 1.178 ug/L

RT: 13.839 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

MDL01

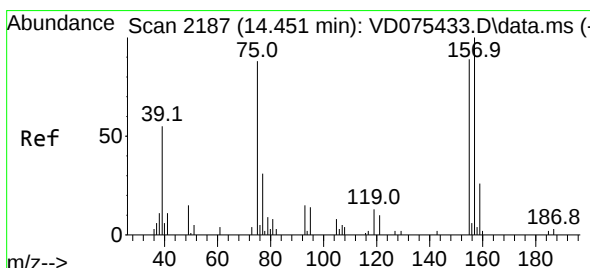
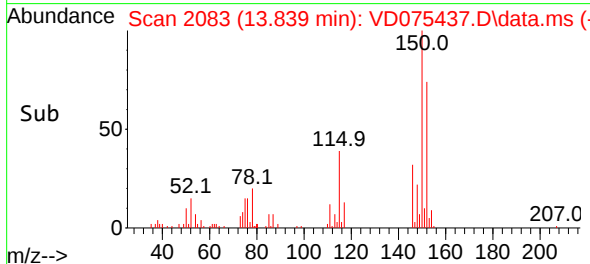
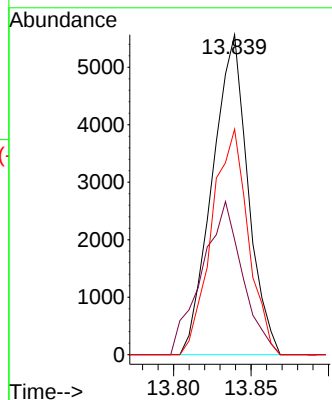
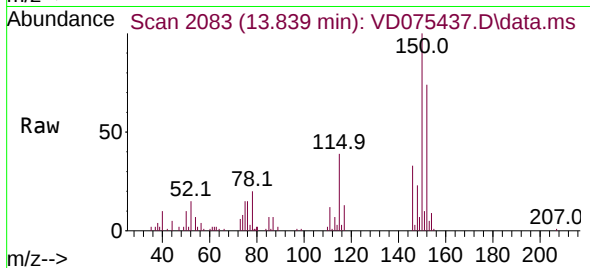
Tgt Ion:146 Resp: 8894

Ion Ratio Lower Upper

146 100

111 36.0 31.0 46.6

148 70.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.623 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.147 min

Lab File: VD075437.D

Acq: 02 Mar 2023 12:03

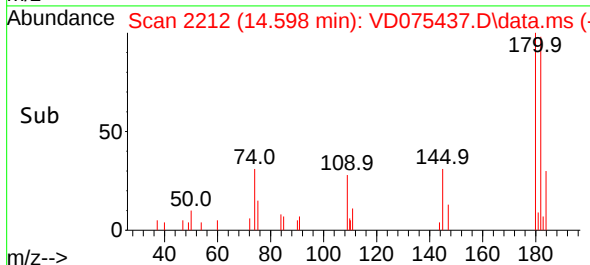
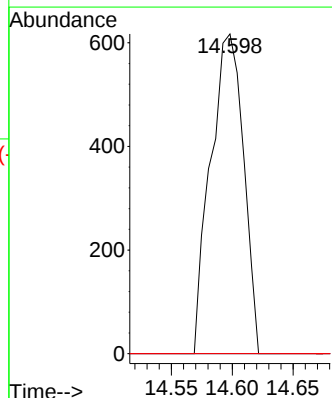
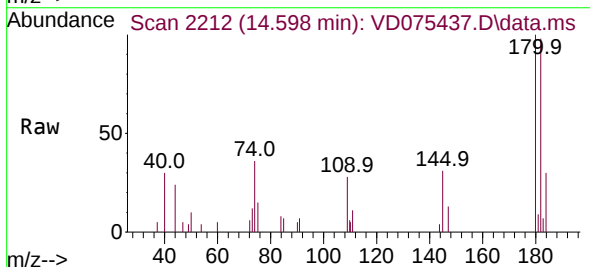
Tgt Ion: 75 Resp: 1163

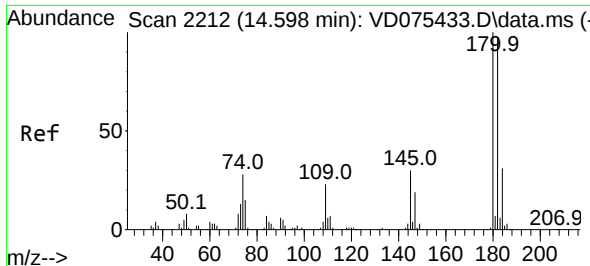
Ion Ratio Lower Upper

75 100

155 0.0 71.3 106.9#

157 0.0 85.8 128.6#

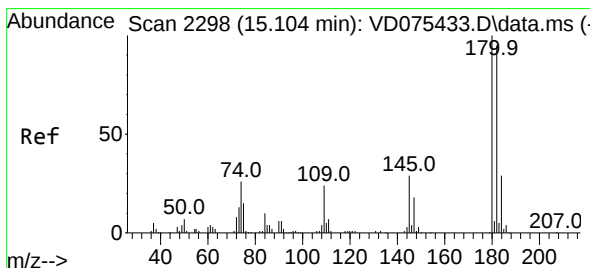
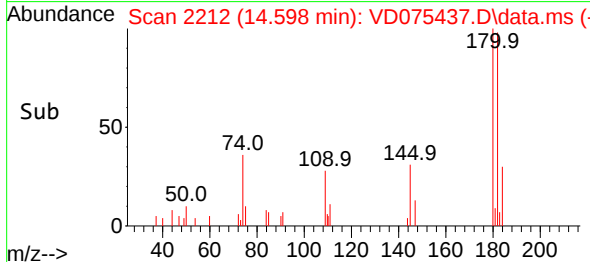
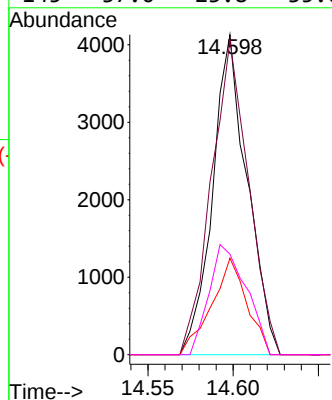
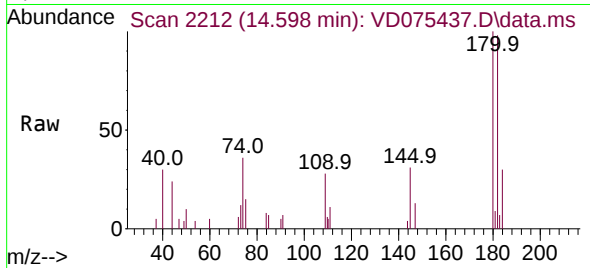




#69
 1,3,5-Trichlorobenzene
 Concen: 1.098 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

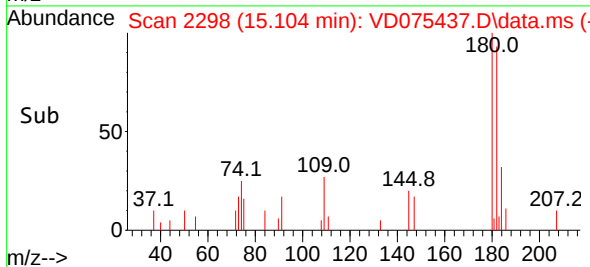
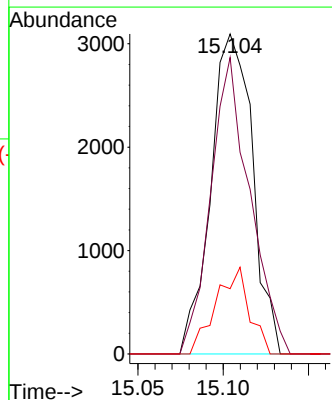
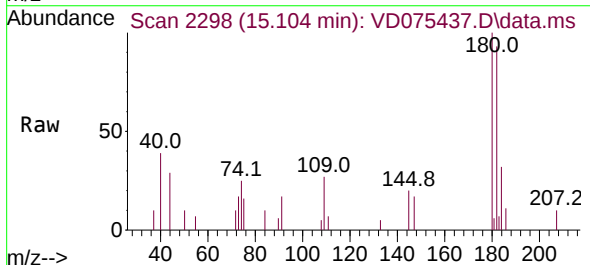
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

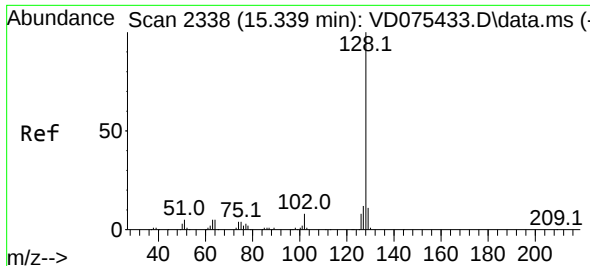
Tgt Ion:180	Resp:	5836
Ion Ratio	Lower	Upper
180	100	
182	105.4	76.5 114.7
184	30.7	23.6 35.4
145	37.0	23.8 35.6#



#70
 1,2,4-trichlorobenzene
 Concen: 1.229 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075437.D
 Acq: 02 Mar 2023 12:03

Tgt Ion:180	Resp:	5251
Ion Ratio	Lower	Upper
180	100	
182	87.3	74.3 111.5
145	21.8	23.0 34.6#

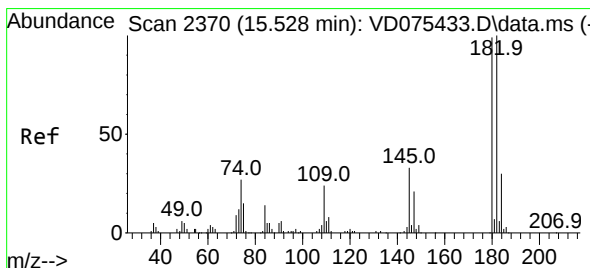
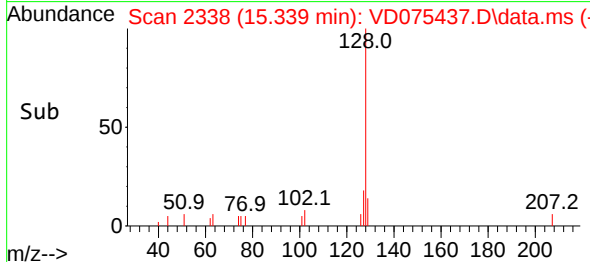
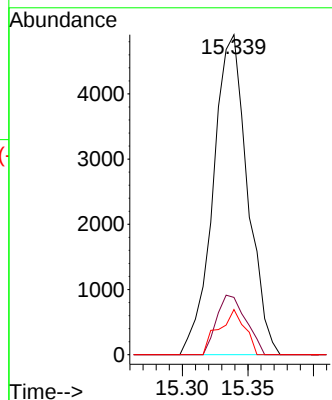
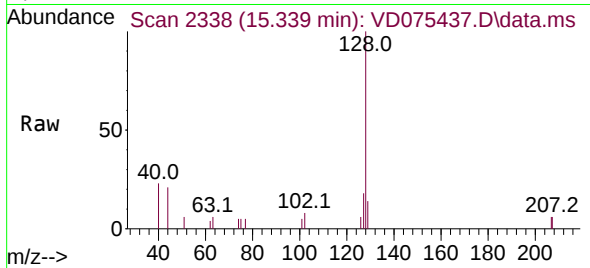




#71
Naphthalene
Concen: 1.057 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Tgt Ion:128 Resp: 8959
Ion Ratio Lower Upper
128 100
127 15.8 10.1 15.1#
129 7.7 8.8 13.2#



#72
1,2,3-Trichlorobenzene
Concen: 1.234 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075437.D
Acq: 02 Mar 2023 12:03

Tgt Ion:180 Resp: 4648
Ion Ratio Lower Upper
180 100
182 0.0 75.3 112.9#
145 13.9 25.1 37.7#

