

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076437.D
 Acq On : 15 Jun 2023 13:50
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 01:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:37:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	263003	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	235609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.521	152	115814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	152421	23.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
7) Chloroethane-d5	2.793	69	124706	24.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	3.910	65	37761	22.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.360%
21) 2-Butanone-d5	6.987	46	51057	52.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.280%
24) Chloroform-d	7.563	84	168760	24.355	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.440%
26) 1,2-Dichloroethane-d4	8.228	65	86042	25.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.198	84	357580	24.810	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	9.210	67	114594	24.909	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	10.269	98	325939	24.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.528	79	49467	25.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.400%
47) 2-Hexanone-d5	10.875	63	36921	51.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84128	25.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	105243	24.792	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	101576	24.785	ug/L	99
3) Chloromethane	2.146	50	173221	25.426	ug/L	98
5) Vinyl chloride	2.281	62	181718	24.725	ug/L	93
6) Bromomethane	2.687	94	99205	24.370	ug/L	96
8) Chloroethane	2.834	64	110571	24.561	ug/L	99
9) Trichlorofluoromethane	3.169	101	130668	24.589	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	82820	24.027	ug/L	98
12) 1,1-Dichloroethene	3.934	96	81332	23.828	ug/L	98
13) Acetone	4.016	43	38579	49.242	ug/L	99
14) Carbon disulfide	4.269	76	301801	24.392	ug/L	99
15) Methyl Acetate	4.569	43	45642	25.520	ug/L	98
16) Methylene chloride	4.798	84	100873	22.067	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	94053	24.715	ug/L	96
18) Methyl tert-butyl Ether	5.310	73	214792	24.792	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	173278	24.906	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	103417	24.334	ug/L	99
22) 2-Butanone	7.081	43	61192	48.398	ug/L	98
23) Bromochloromethane	7.428	128	45725	25.350	ug/L	91
25) Chloroform	7.592	83	169143	24.911	ug/L	96

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 Response via : Initial Calibration

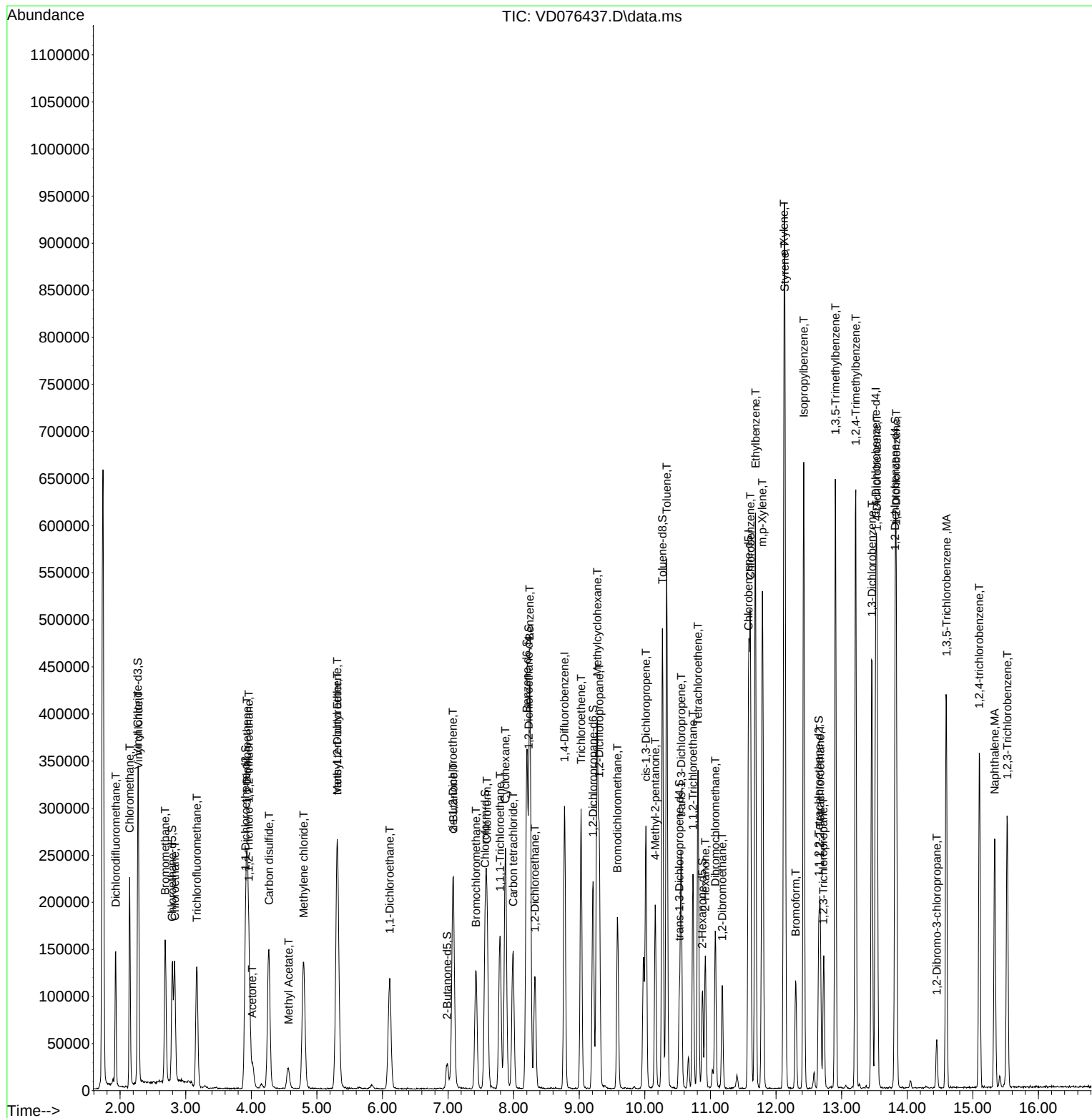
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	101617	24.336	ug/L	97
29) Cyclohexane	7.875	56	150827	24.073	ug/L	98
30) 1,1,1-Trichloroethane	7.792	97	136337	24.909	ug/L	98
31) Carbon tetrachloride	7.992	117	109001	24.901	ug/L	99
33) Benzene	8.245	78	384874	24.682	ug/L	100
34) Trichloroethene	9.028	95	97077	24.235	ug/L	98
35) Methylcyclohexane	9.275	83	161766	25.043	ug/L	99
37) 1,2-Dichloropropane	9.304	63	104943	24.685	ug/L	100
38) Bromodichloromethane	9.581	83	120574	24.866	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	162844	25.085	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	133867	50.617	ug/L	99
42) Toluene	10.333	91	409108	24.551	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	133074	25.220	ug/L	98
45) 1,1,2-Trichloroethane	10.733	97	72897	24.999	ug/L	98
46) Tetrachloroethene	10.810	164	74374	23.618	ug/L	90
48) 2-Hexanone	10.922	43	96241	53.134	ug/L	98
49) Dibromochloromethane	11.075	129	83406	25.169	ug/L	100
50) 1,2-Dibromoethane	11.180	107	69576	24.583	ug/L	87
51) Chlorobenzene	11.610	112	255530	24.562	ug/L	97
52) Ethylbenzene	11.686	91	447033	24.889	ug/L	100
53) m,p-Xylene	11.792	106	172587	24.451	ug/L	89
54) o-Xylene	12.122	106	167033	24.853	ug/L	99
55) Styrene	12.133	104	289931	24.970	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.674	83	83715	25.120	ug/L	98
59) Bromoform	12.298	173	52122	25.140	ug/L #	98
60) Isopropylbenzene	12.422	105	436184	24.623	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	55002	24.471	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	345769	24.397	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	341780	24.438	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	191470	24.296	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	192159	24.189	ug/L	95
67) 1,2-Dichlorobenzene	13.833	146	170859	24.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12002	23.961	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	131751	25.064	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	113836	24.339	ug/L	100
71) Naphthalene	15.333	128	224746	25.098	ug/L	100
72) 1,2,3-Trichlorobenzene	15.527	180	99527	24.505	ug/L	99

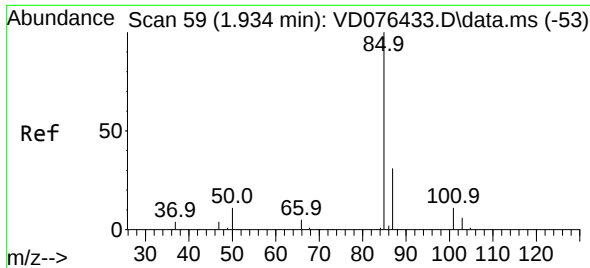
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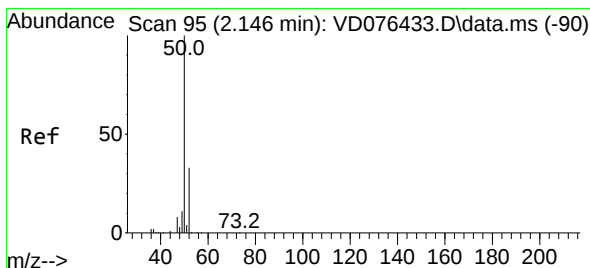
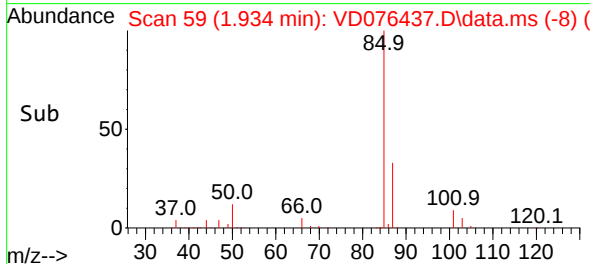
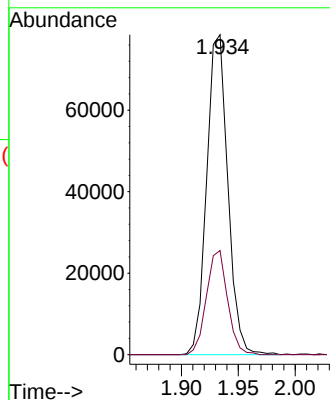
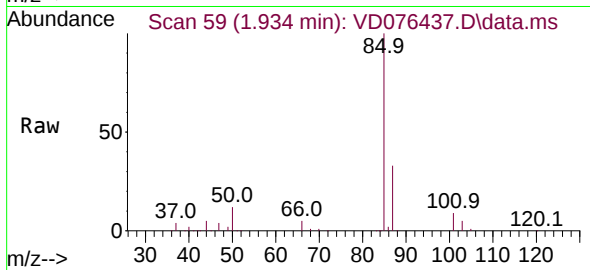




#2
 Dichlorodifluoromethane
 Concen: 24.785 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

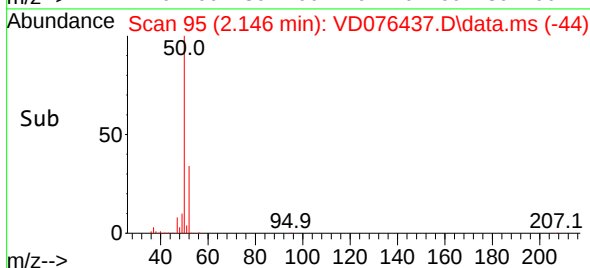
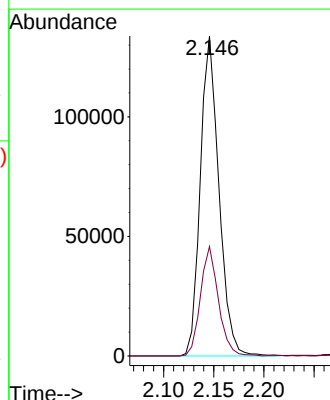
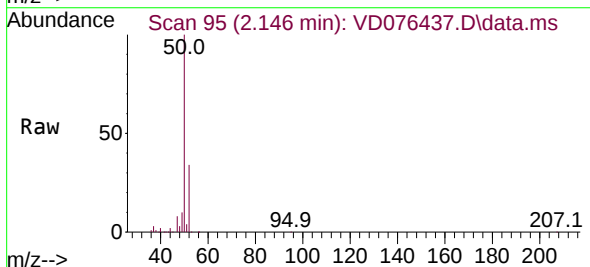
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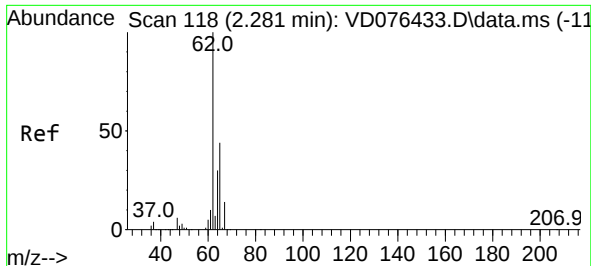
Tgt Ion: 85 Resp: 101576
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 25.426 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

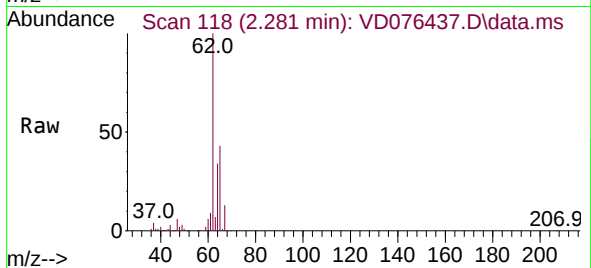
Tgt Ion: 50 Resp: 173221
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.2 43.2



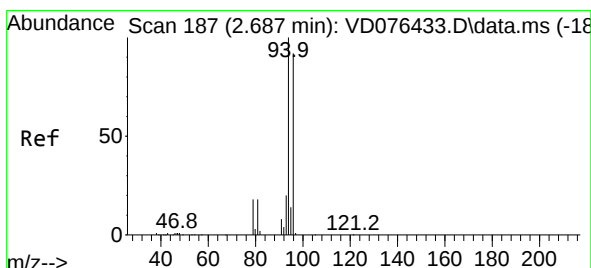
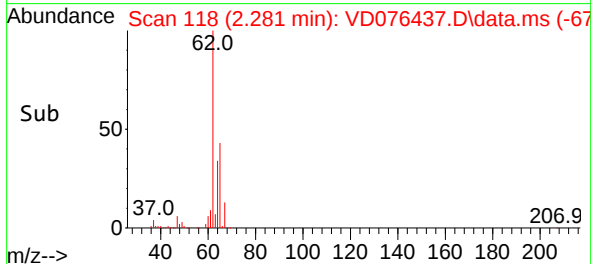
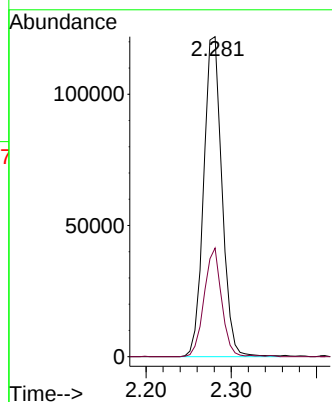


#5
 Vinyl chloride
 Concen: 24.725 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Instrument :
 MSVOA_D
 ClientSampleId :

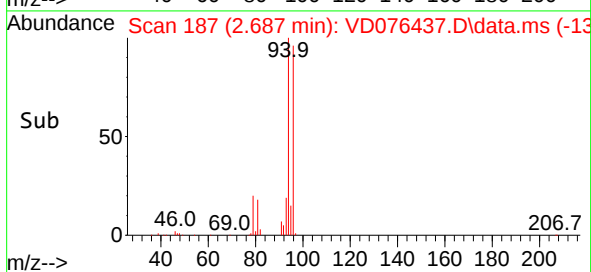
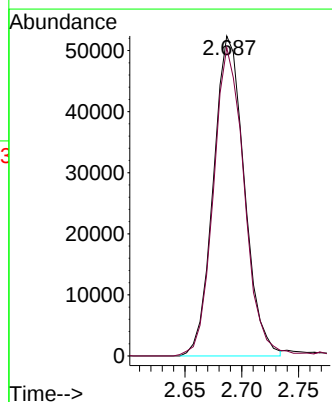
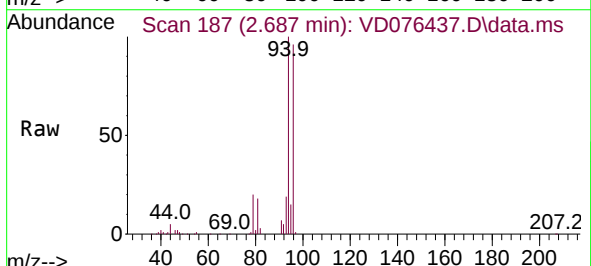


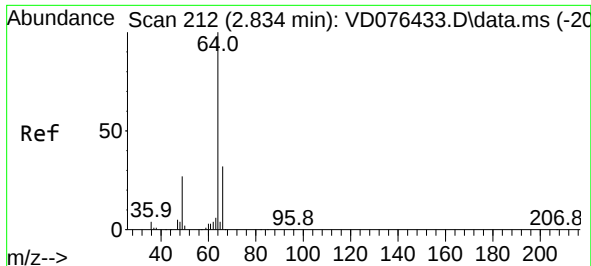
Tgt Ion: 62 Resp: 181718
 Ion Ratio Lower Upper
 62 100
 64 34.0 21.1 39.1



#6
 Bromomethane
 Concen: 24.370 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Tgt Ion: 94 Resp: 99205
 Ion Ratio Lower Upper
 94 100
 96 96.4 64.7 120.1

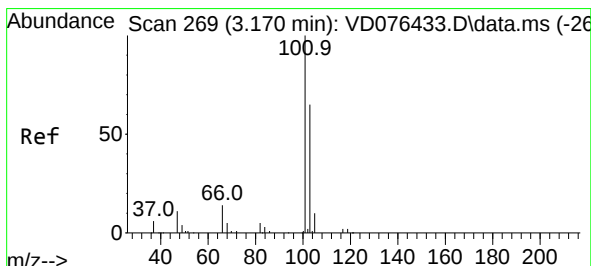
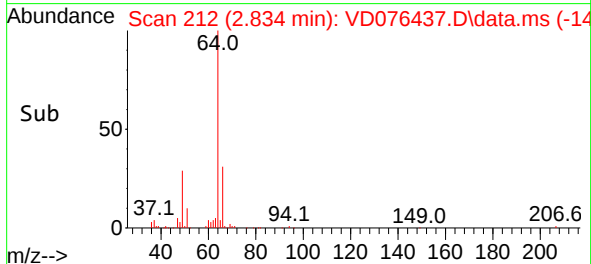
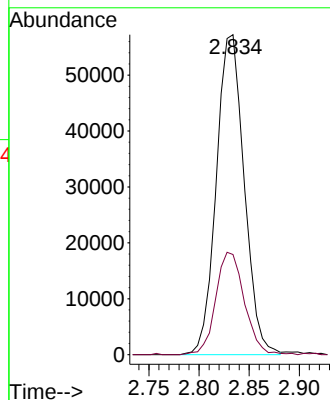
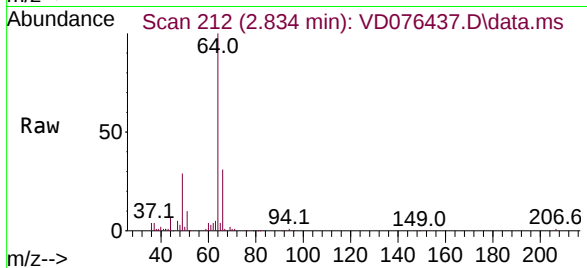




#8
Chloroethane
Concen: 24.561 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

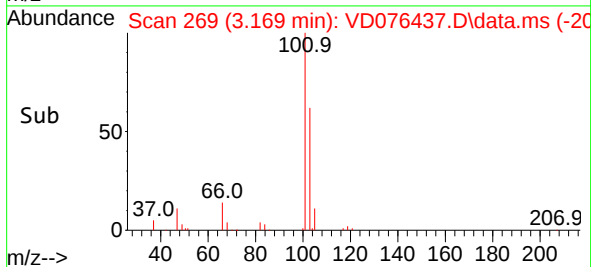
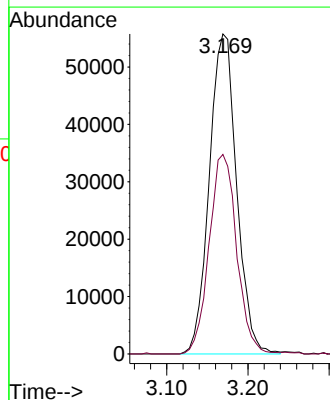
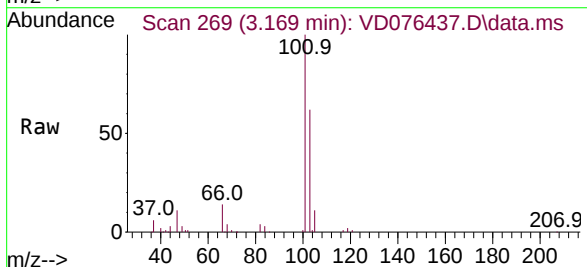
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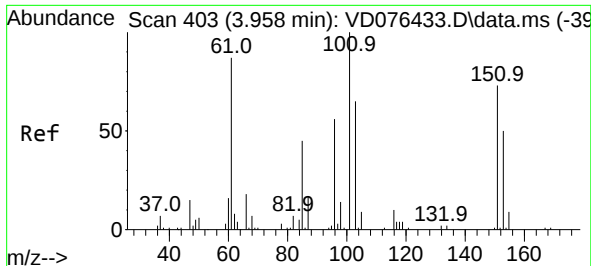
Tgt Ion: 64 Resp: 110571
Ion Ratio Lower Upper
64 100
66 31.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.589 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion:101 Resp: 130668
Ion Ratio Lower Upper
101 100
103 62.6 51.8 77.6

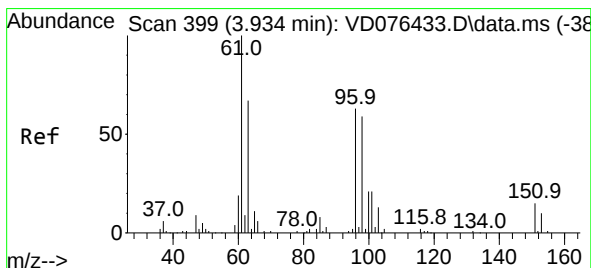
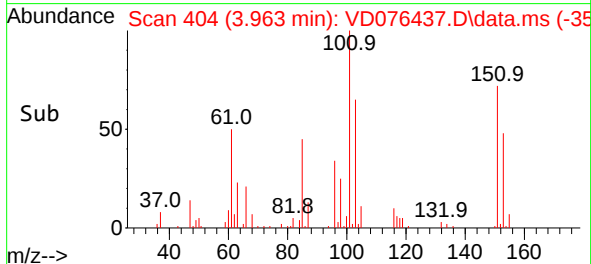
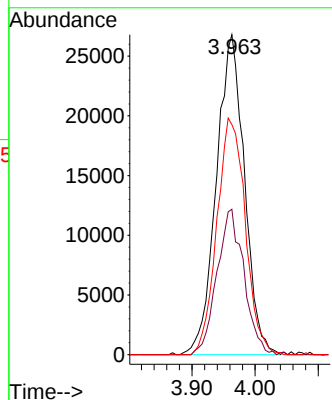
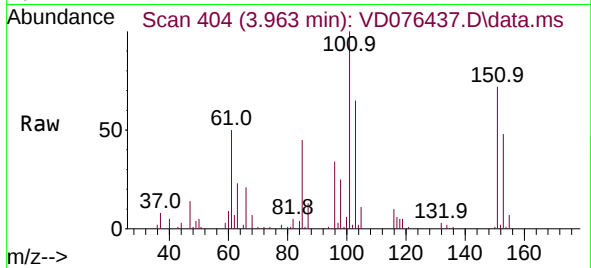




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.027 ug/L
 RT: 3.963 min Scan# 403
 Delta R.T. 0.005 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

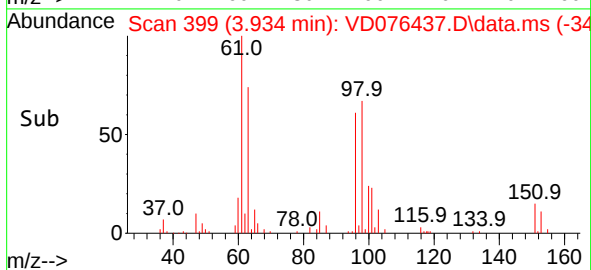
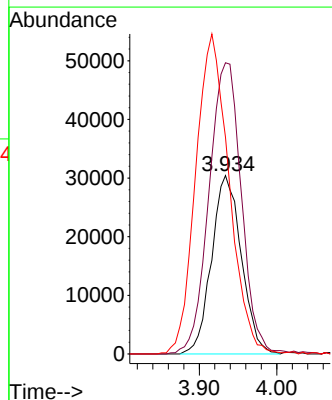
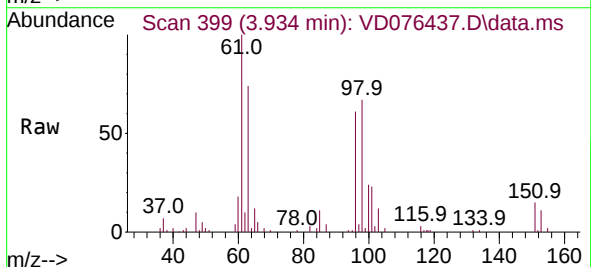
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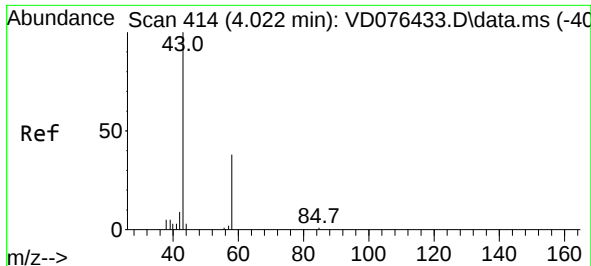
Tgt Ion:101 Resp: 82820
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.5 53.3
 151 74.8 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 23.828 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Tgt Ion: 96 Resp: 81332
 Ion Ratio Lower Upper
 96 100
 61 163.2 113.0 209.8
 63 121.5 83.6 155.2





#13

Acetone

Concen: 49.242 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

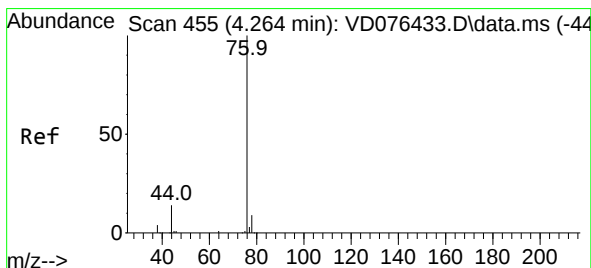
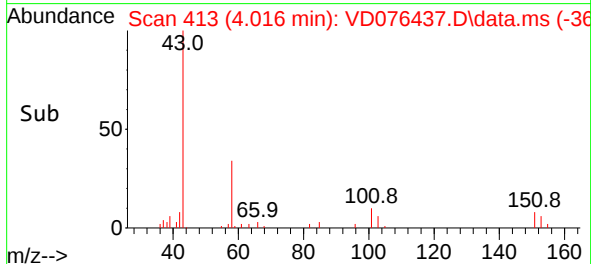
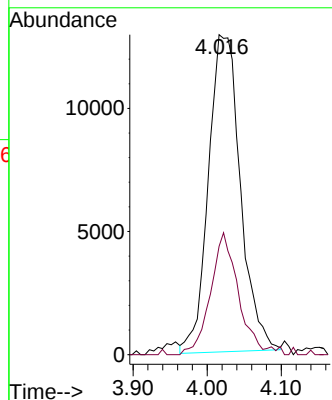
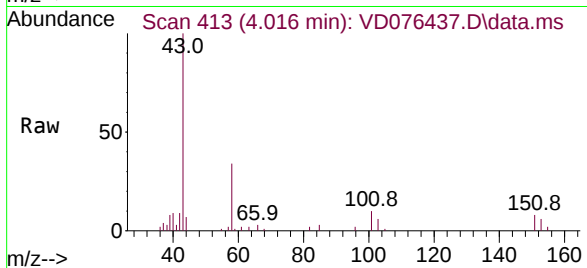
ClientSampleId :

Tgt Ion: 43 Resp: 38579

Ion Ratio Lower Upper

43 100

58 33.0 0.0 67.4



#14

Carbon disulfide

Concen: 24.392 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.005 min

Lab File: VD076437.D

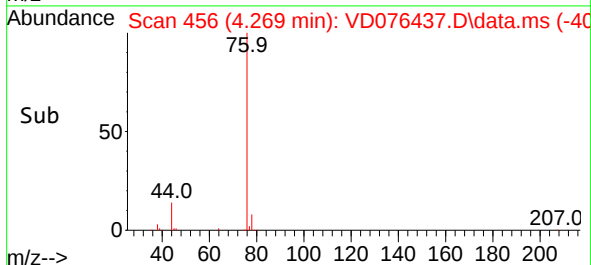
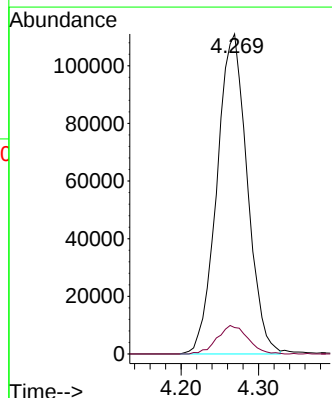
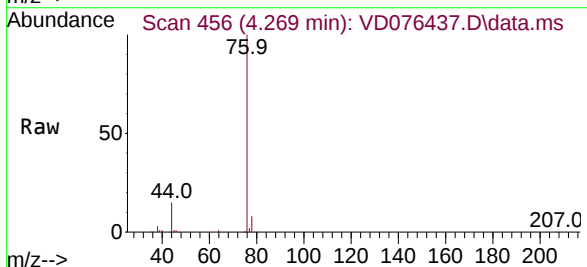
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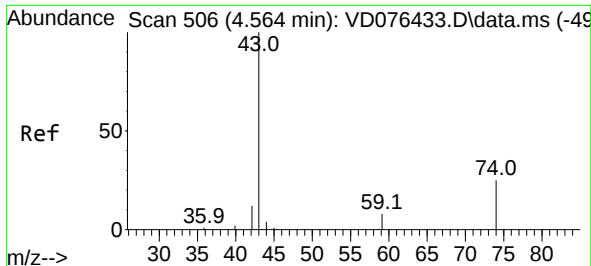
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Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4

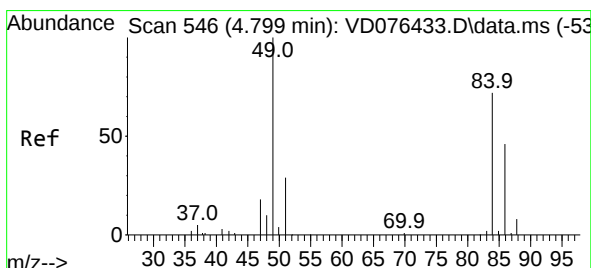
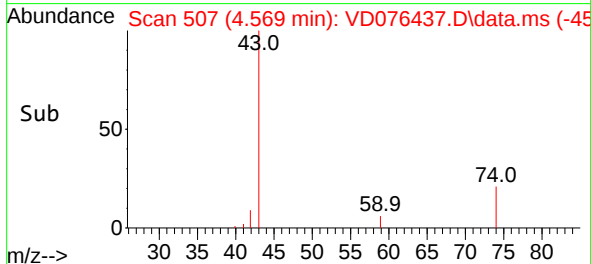
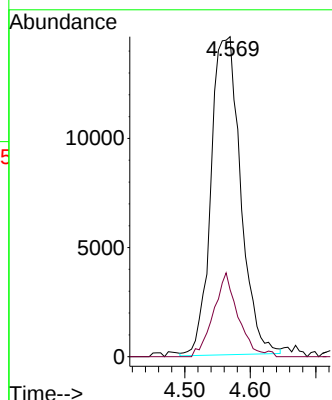
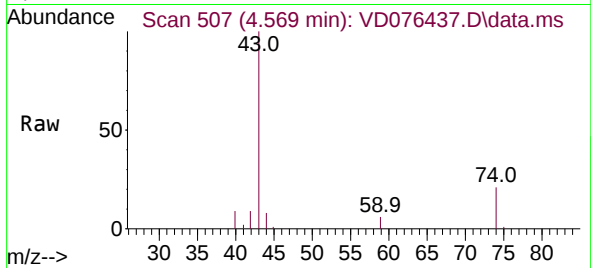




#15
Methyl Acetate
Concen: 25.520 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

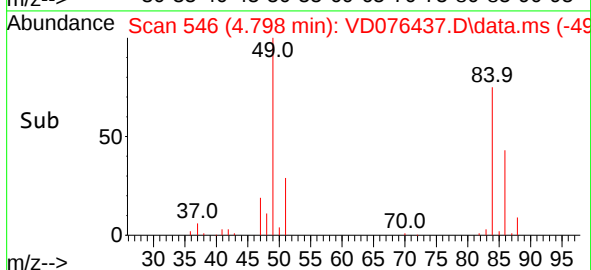
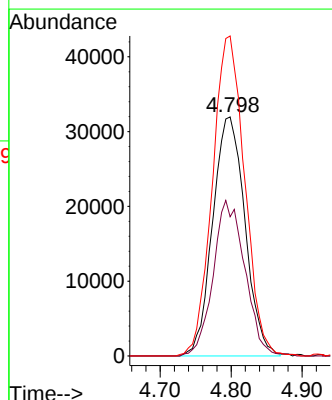
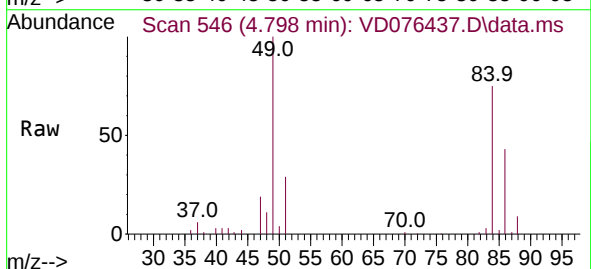
Instrument :
MSVOA_D
ClientSampleId :

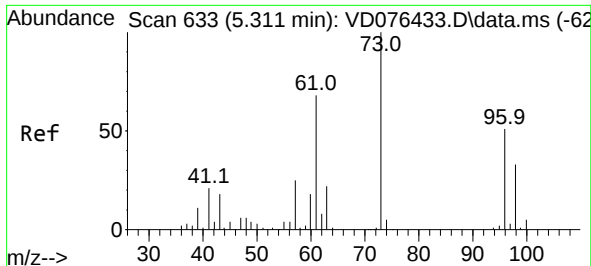
Tgt Ion: 43 Resp: 45642
Ion Ratio Lower Upper
43 100
74 21.6 18.2 27.2



#16
Methylene chloride
Concen: 22.067 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion: 84 Resp: 100873
Ion Ratio Lower Upper
84 100
86 58.2 45.1 83.9
49 133.9 97.2 180.6





#17

trans-1,2-Dichloroethene

Concen: 24.715 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

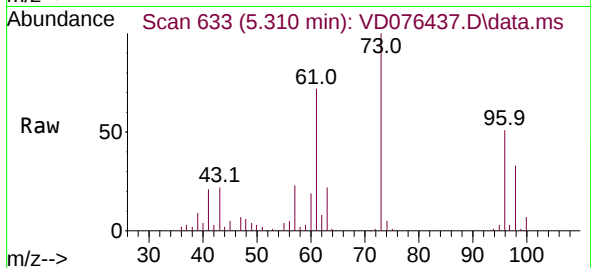
Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :



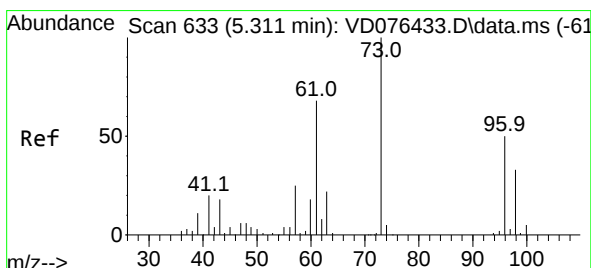
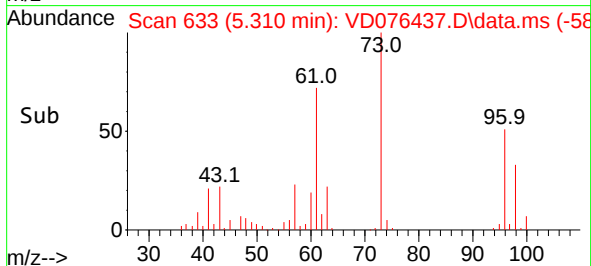
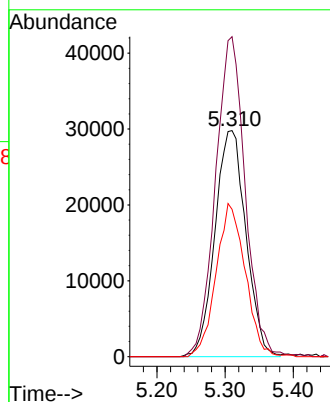
Tgt Ion: 96 Resp: 94053

Ion	Ratio	Lower	Upper
96	100		
61	141.5	94.5	175.5
98	65.1	46.0	85.4

96 100

61 141.5 94.5 175.5

98 65.1 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 24.792 ug/L

RT: 5.310 min Scan# 633

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

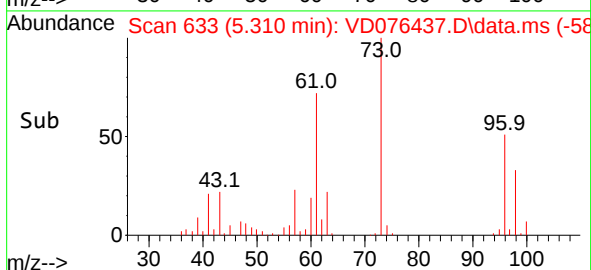
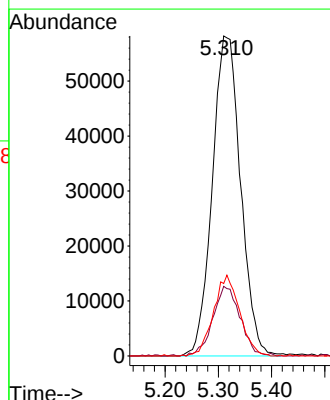
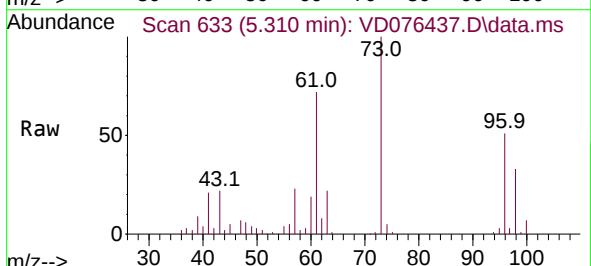
Tgt Ion: 73 Resp: 214792

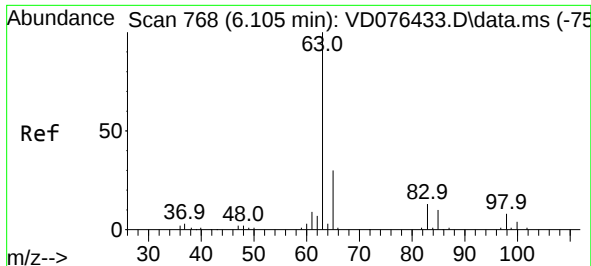
Ion	Ratio	Lower	Upper
73	100		
43	20.7	7.2	10.8
57	23.3	18.6	28.0

73 100

43 20.7 7.2 10.8

57 23.3 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.906 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.005 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

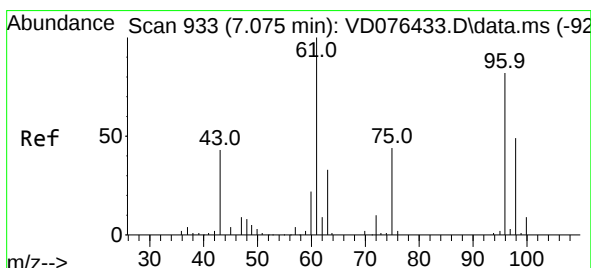
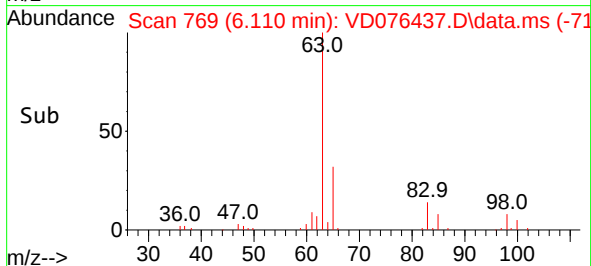
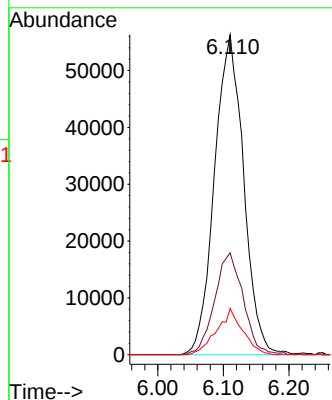
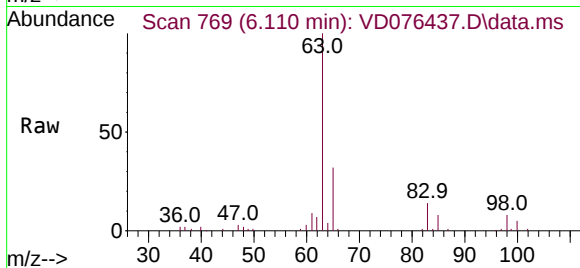
Tgt Ion: 63 Resp: 173278

Ion Ratio Lower Upper

63 100

65 31.9 20.8 38.6

83 14.4 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.334 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

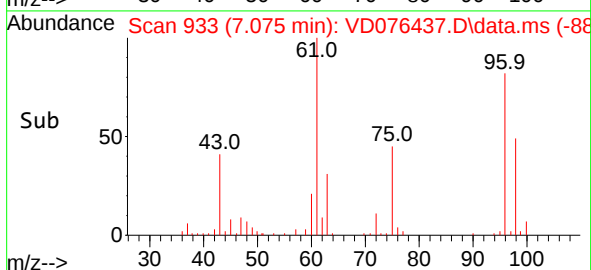
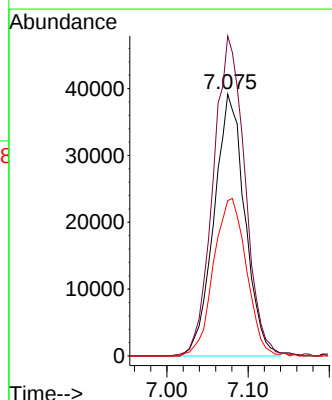
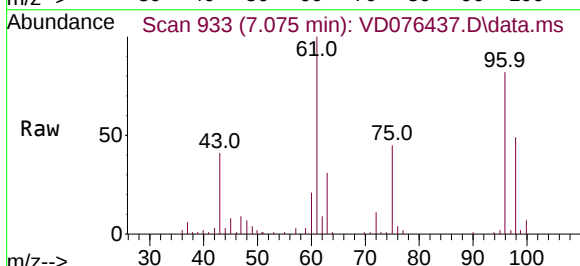
Tgt Ion: 96 Resp: 103417

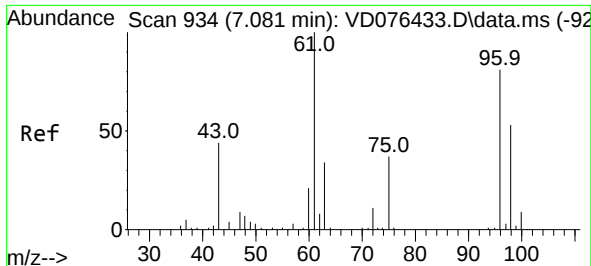
Ion Ratio Lower Upper

96 100

61 122.1 86.0 159.6

98 59.3 42.2 78.4

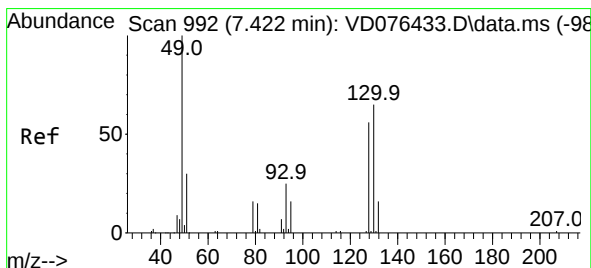
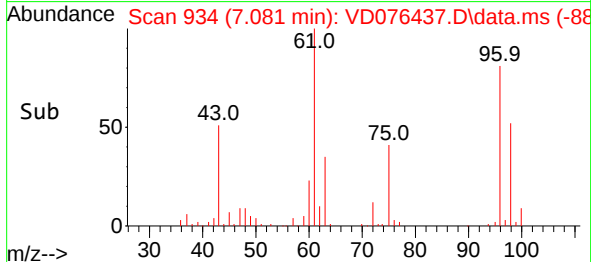
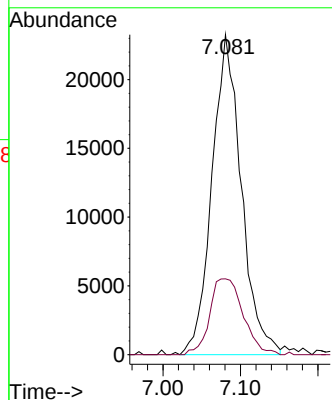
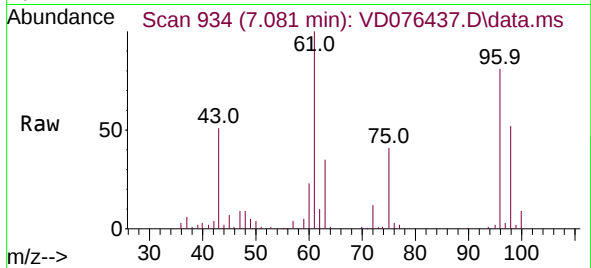




#22
2-Butanone
Concen: 48.398 ug/L
RT: 7.081 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

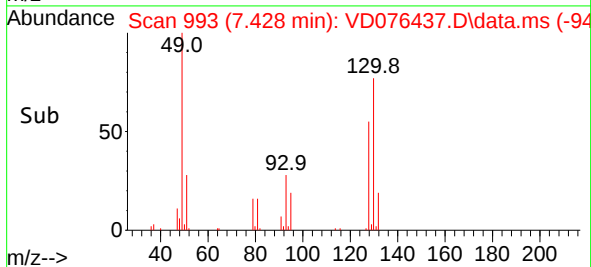
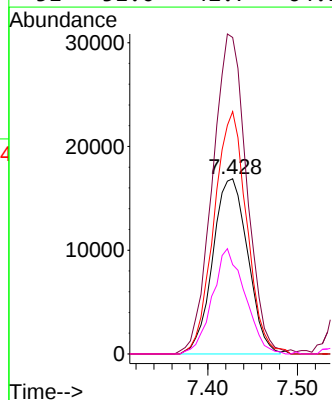
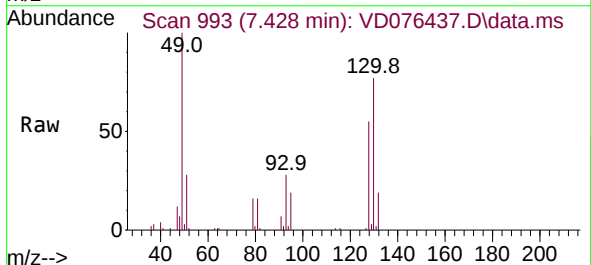
Instrument :
MSVOA_D
ClientSampleId :

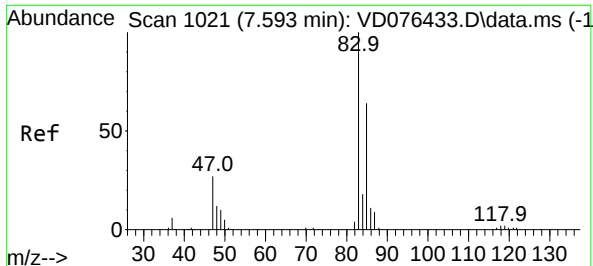
Tgt Ion: 43 Resp: 61192
Ion Ratio Lower Upper
43 100
72 26.7 12.9 38.7



#23
Bromochloromethane
Concen: 25.350 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.005 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion:128 Resp: 45725
Ion Ratio Lower Upper
128 100
49 180.6 124.7 231.7
130 138.3 80.0 148.6
51 51.0 42.7 64.1





#25

Chloroform

Concen: 24.911 ug/L

RT: 7.592 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

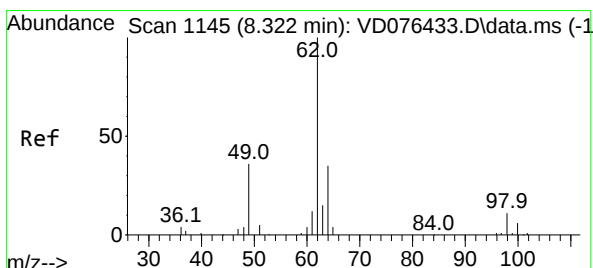
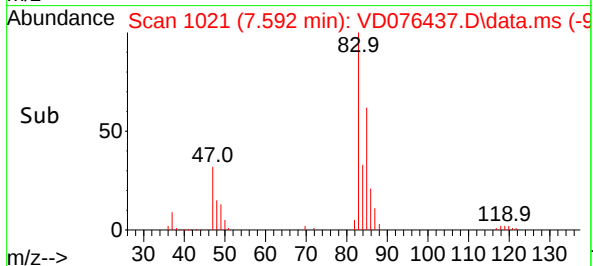
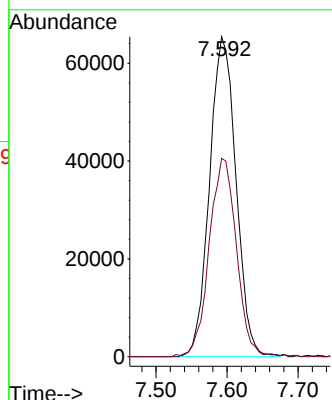
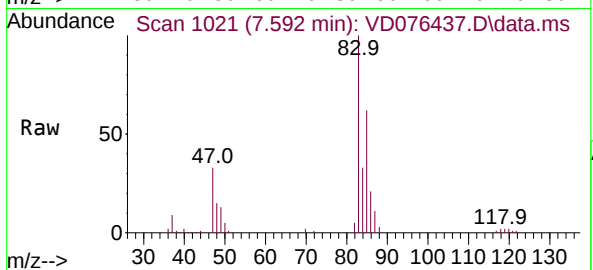
ClientSampleId :

Tgt Ion: 83 Resp: 169143

Ion Ratio Lower Upper

83 100

85 62.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 24.336 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076437.D

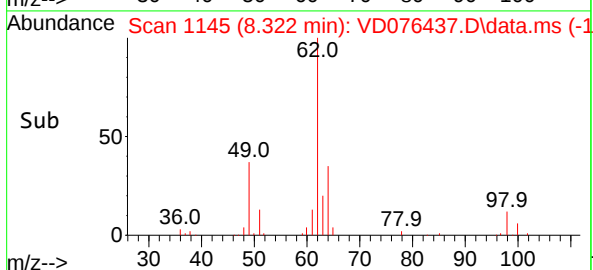
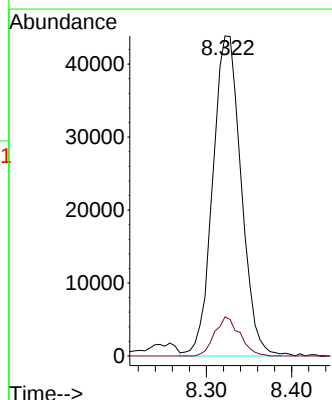
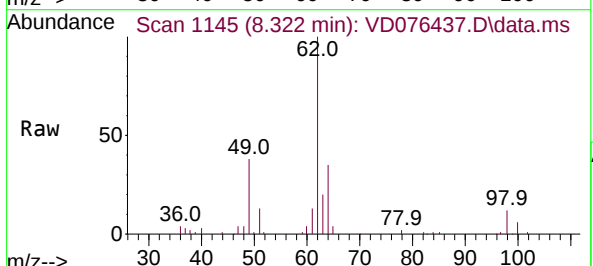
Acq: 15 Jun 2023 13:50

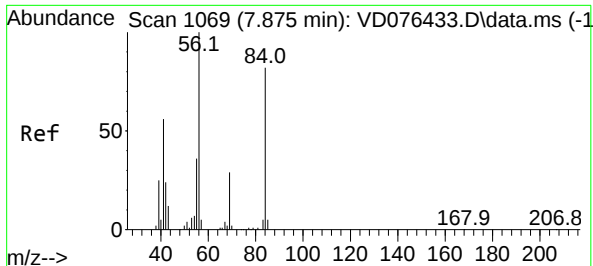
Tgt Ion: 62 Resp: 101617

Ion Ratio Lower Upper

62 100

98 12.2 8.7 13.1





#29

Cyclohexane

Concen: 24.073 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

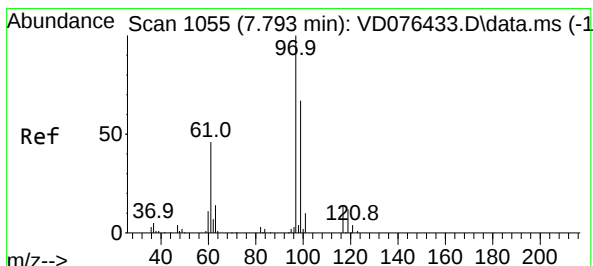
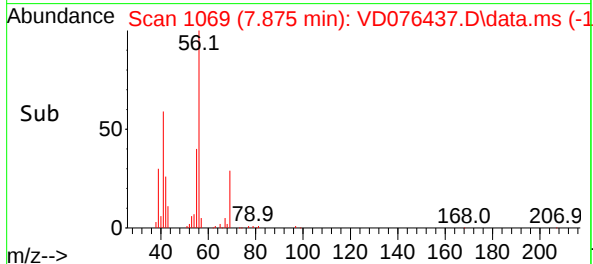
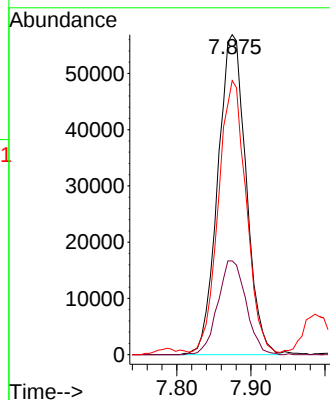
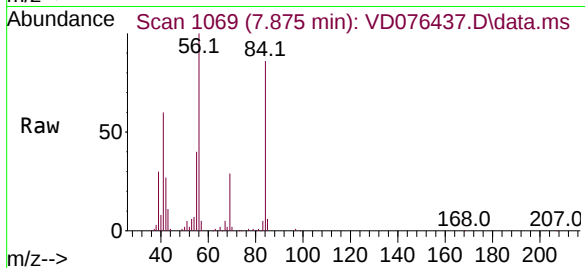
Tgt Ion: 56 Resp: 150827

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 84.8 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 24.909 ug/L

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

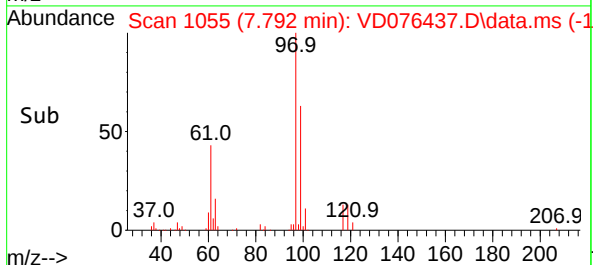
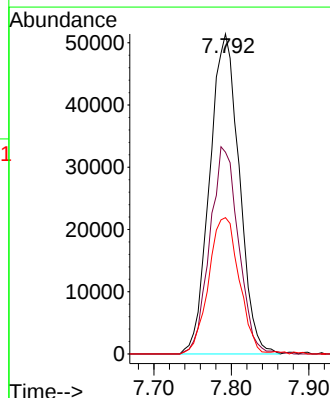
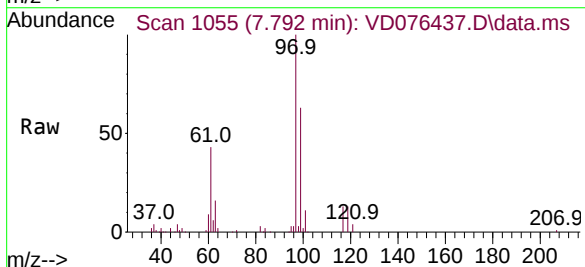
Tgt Ion: 97 Resp: 136337

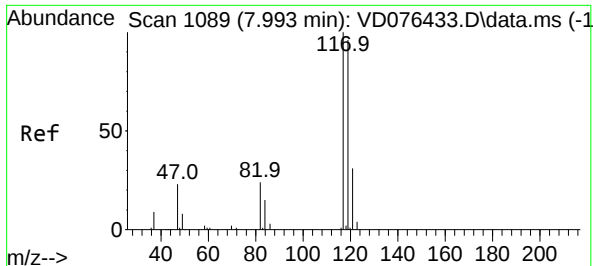
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.6

61 44.0 36.4 54.6

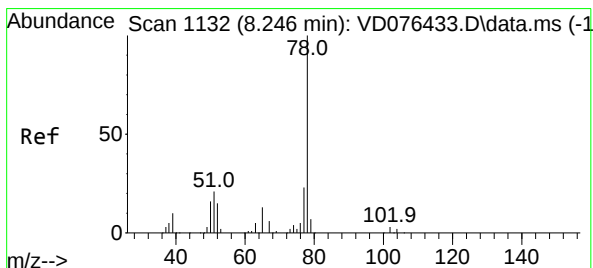
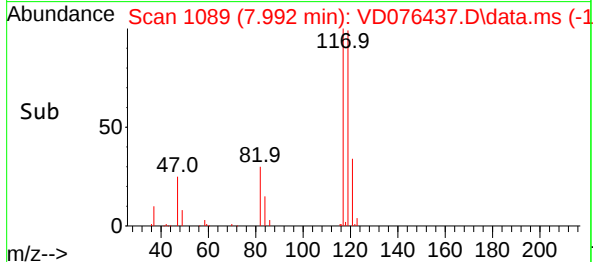
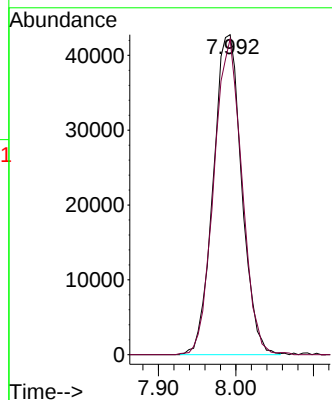
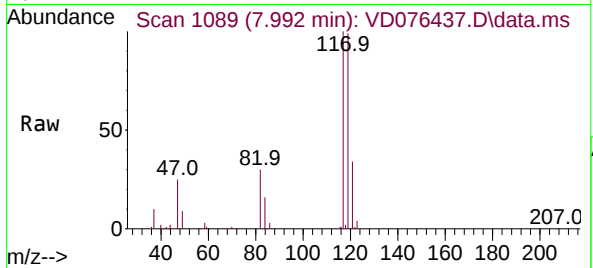




#31
Carbon tetrachloride
Concen: 24.901 ug/L
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

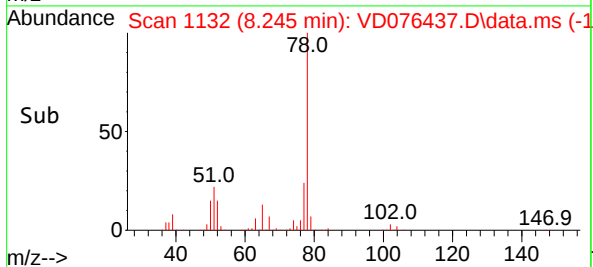
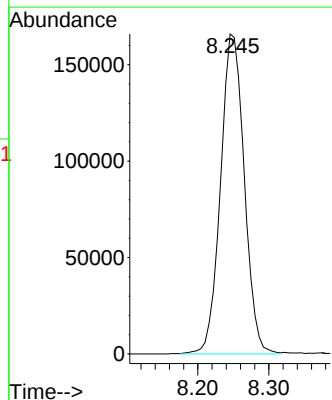
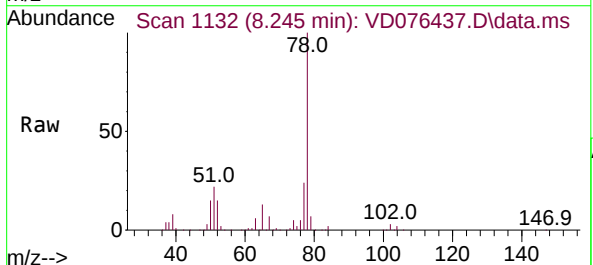
Instrument :
MSVOA_D
ClientSampleId :

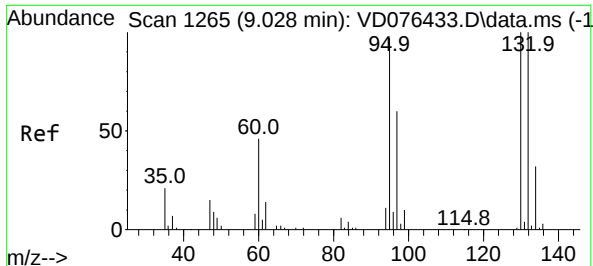
Tgt Ion:117 Resp: 109001
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6



#33
Benzene
Concen: 24.682 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion: 78 Resp: 384874





#34

Trichloroethene

Concen: 24.235 ug/L

RT: 9.028 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 97077

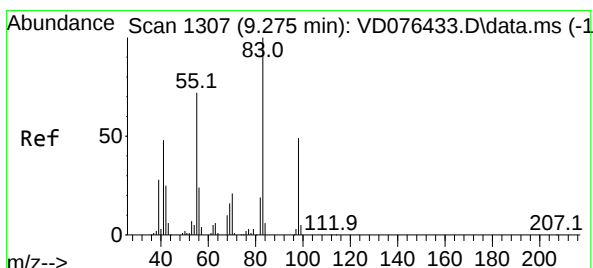
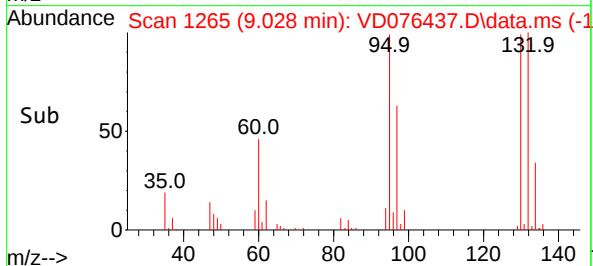
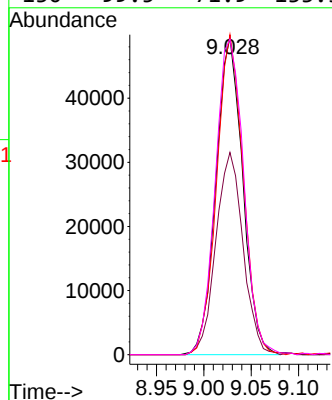
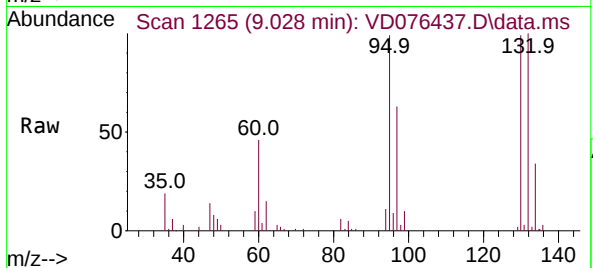
Ion Ratio Lower Upper

95 100

97 63.8 43.1 80.1

132 101.0 71.8 133.4

130 99.5 71.9 133.5



#35

Methylcyclohexane

Concen: 25.043 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

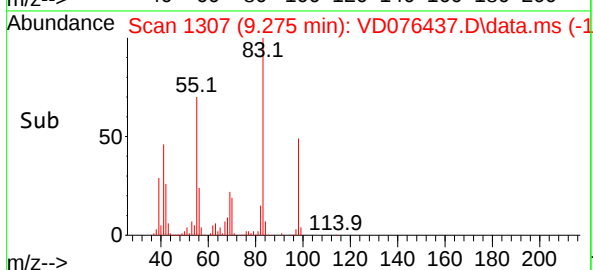
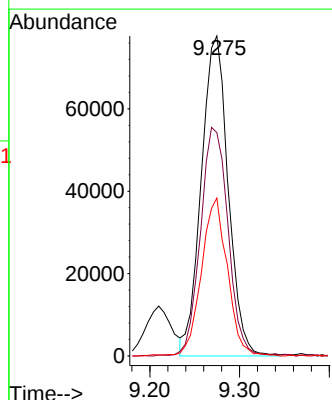
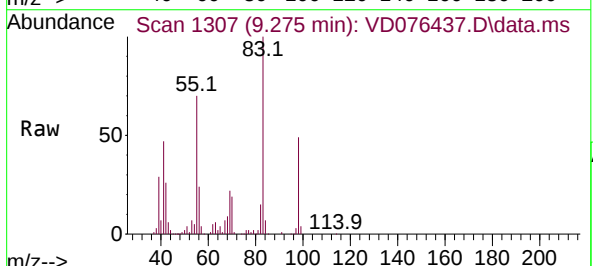
Tgt Ion: 83 Resp: 161766

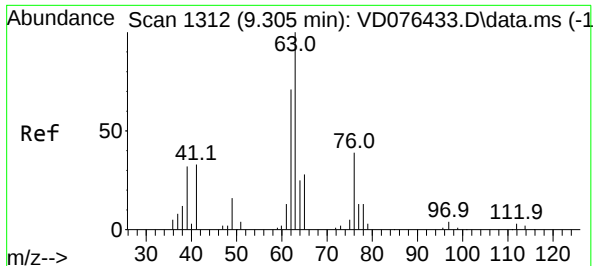
Ion Ratio Lower Upper

83 100

55 73.0 59.8 89.6

98 47.5 37.8 56.6





#37

1,2-Dichloropropane

Concen: 24.685 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

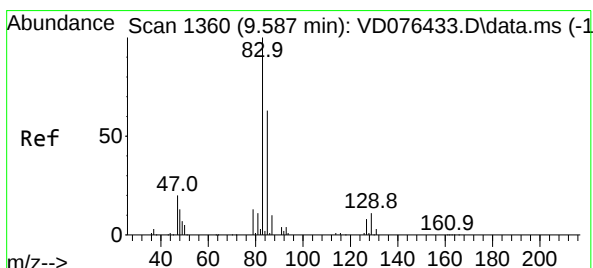
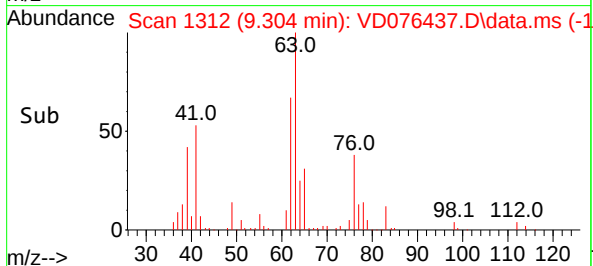
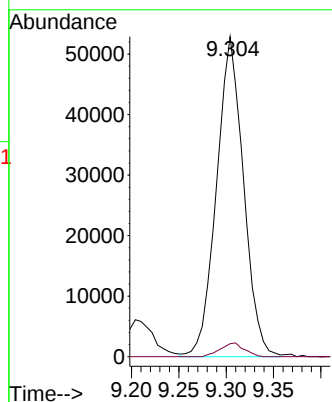
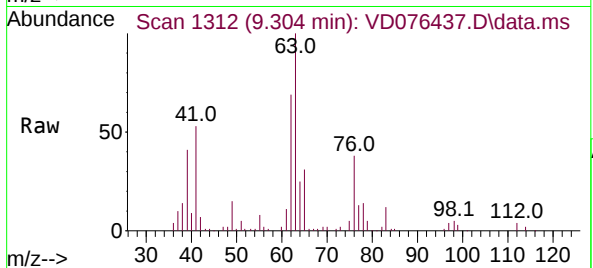
ClientSampleId :

Tgt Ion: 63 Resp: 104943

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 24.866 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

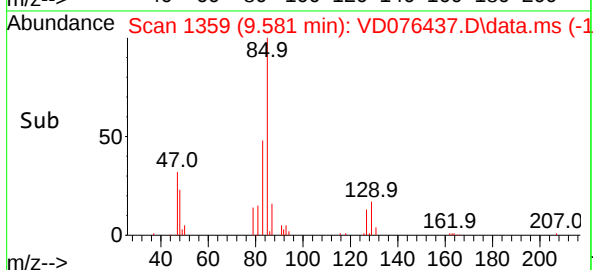
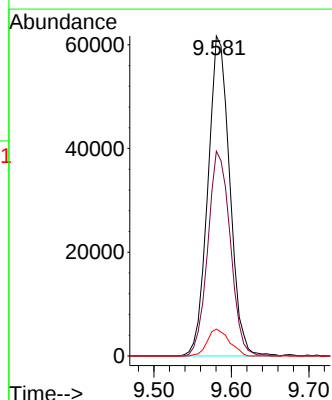
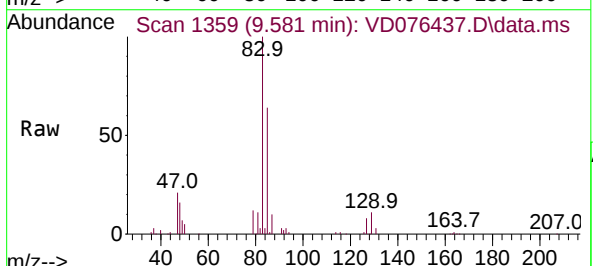
Tgt Ion: 83 Resp: 120574

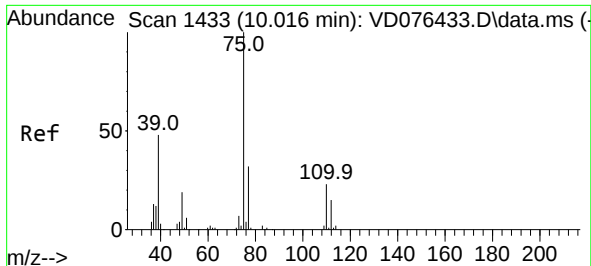
Ion Ratio Lower Upper

83 100

85 64.0 43.9 81.5

127 8.4 6.6 9.8

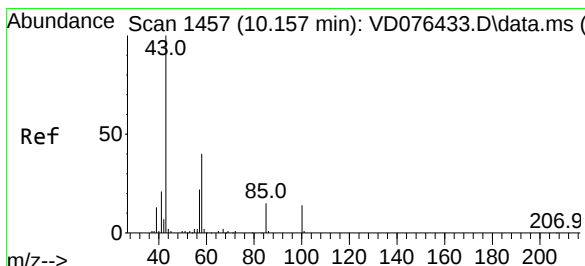
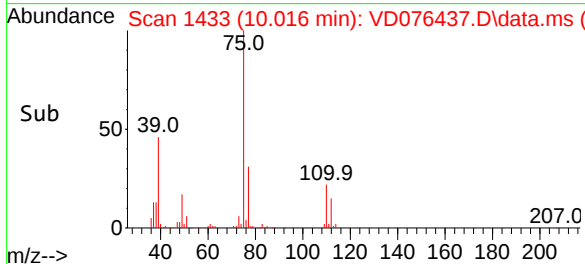
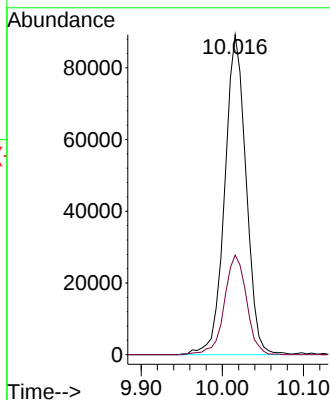
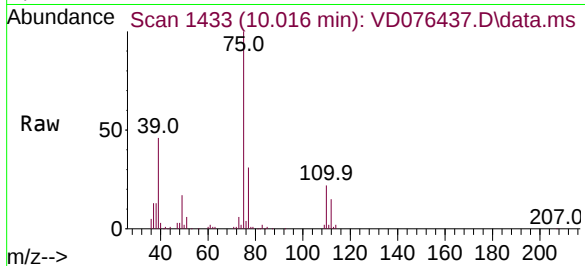




#39
 cis-1,3-Dichloropropene
 Concen: 25.085 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

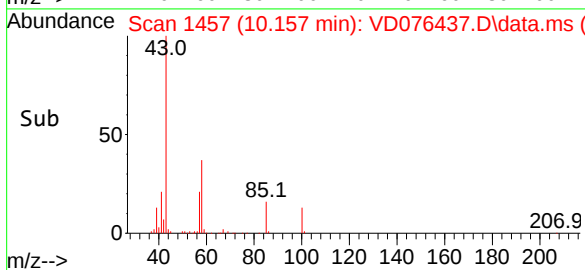
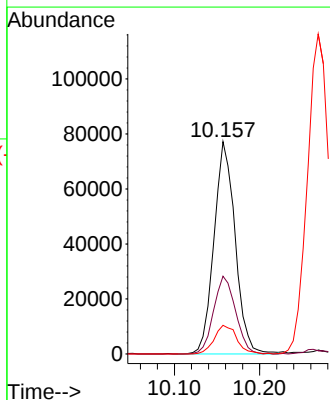
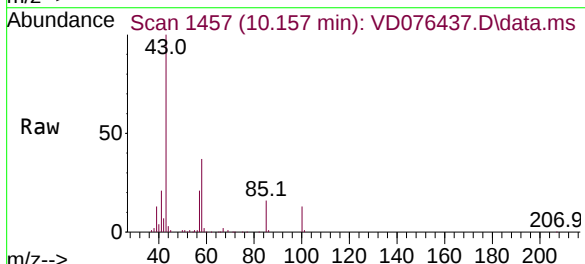
Instrument :
 MSVOA_D
 ClientSampleId :

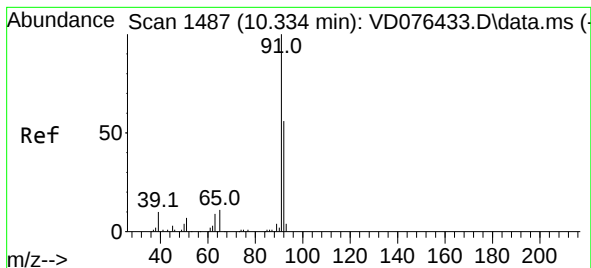
Tgt Ion: 75 Resp: 162844
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 50.617 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Tgt Ion: 43 Resp: 133867
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.7 46.1
 100 14.2 11.0 16.4





#42

Toluene

Concen: 24.551 ug/L

RT: 10.333 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

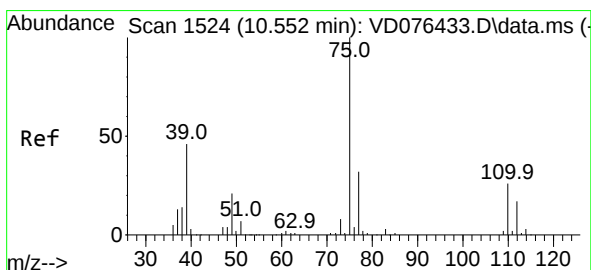
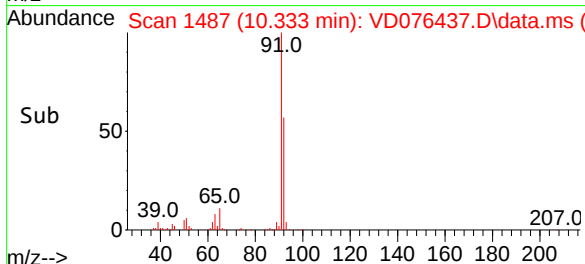
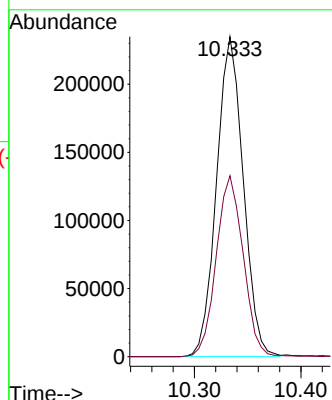
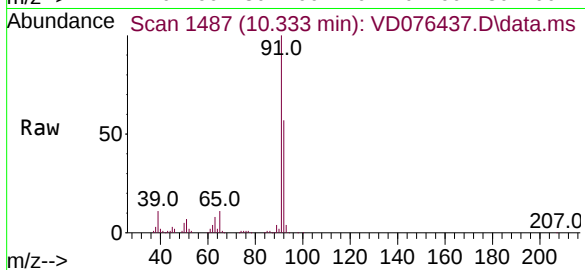
ClientSampleId :

Tgt Ion: 91 Resp: 409108

Ion Ratio Lower Upper

91 100

92 56.5 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.220 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.005 min

Lab File: VD076437.D

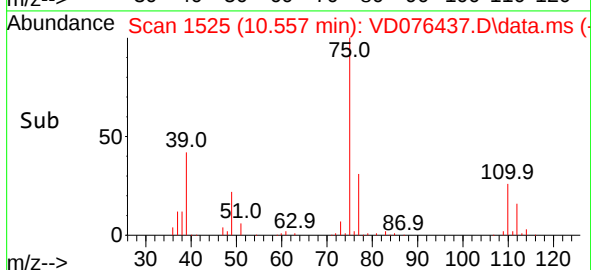
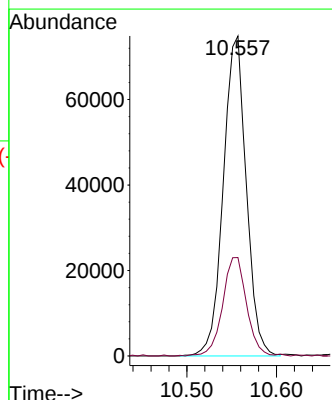
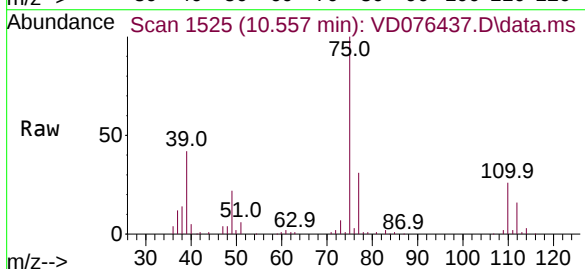
Acq: 15 Jun 2023 13:50

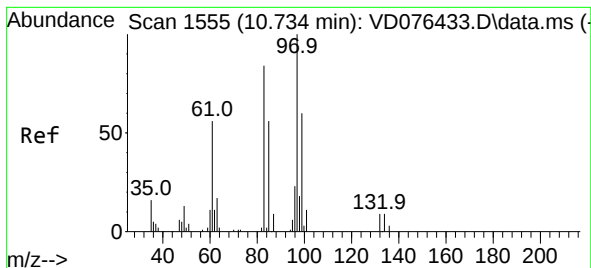
Tgt Ion: 75 Resp: 133074

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 24.999 ug/L

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 72897

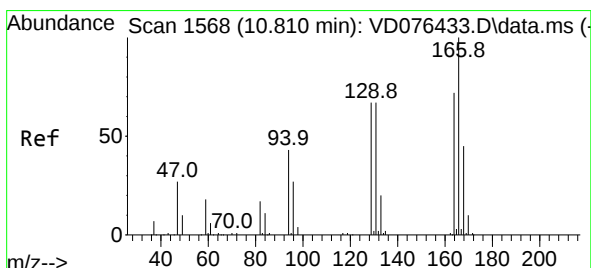
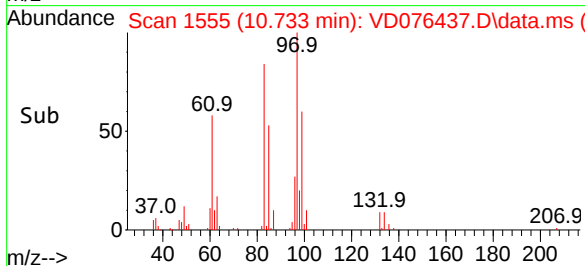
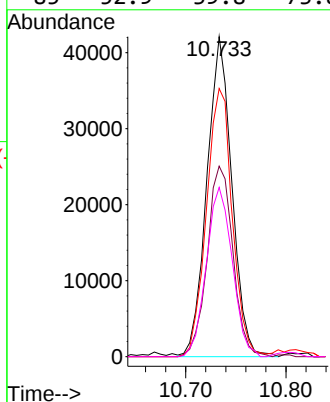
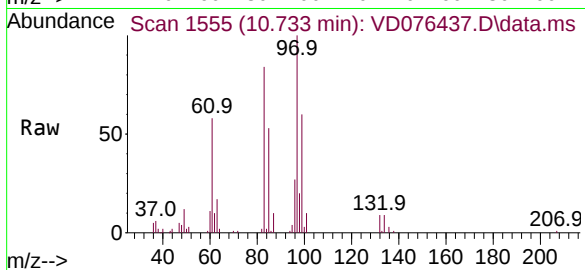
Ion Ratio Lower Upper

97 100

99 59.5 41.9 77.9

83 83.8 59.2 110.0

85 52.9 39.8 73.8



#46

Tetrachloroethene

Concen: 23.618 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Tgt Ion:164 Resp: 74374

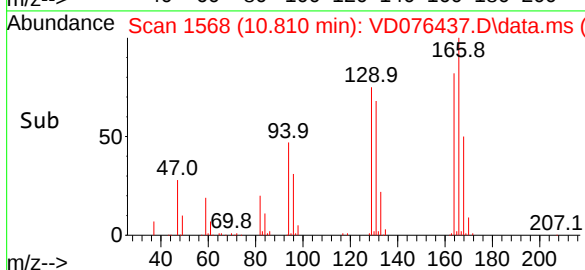
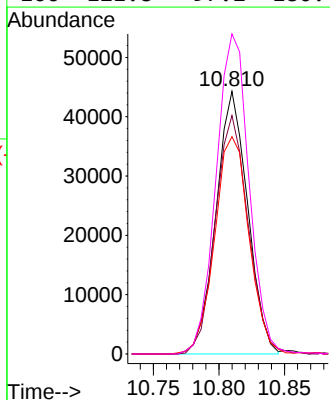
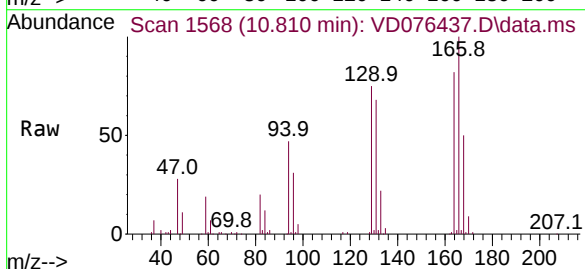
Ion Ratio Lower Upper

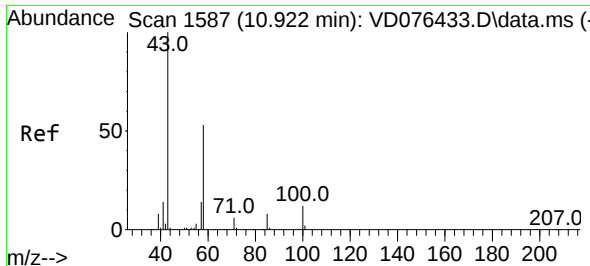
164 100

129 90.8 65.5 121.6

131 82.7 64.8 120.3

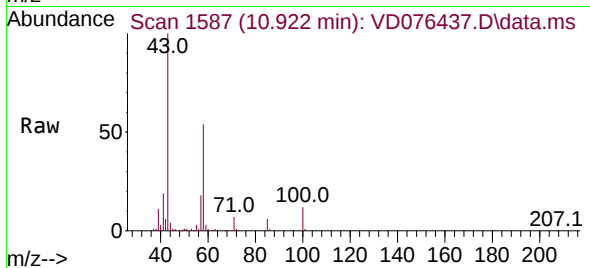
166 121.8 97.2 180.4



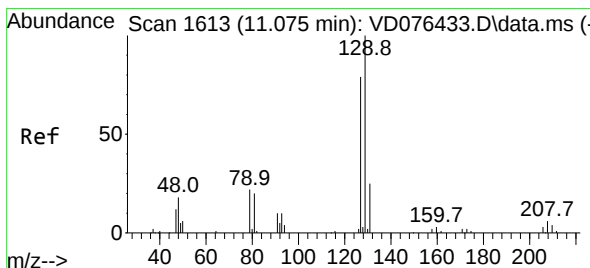
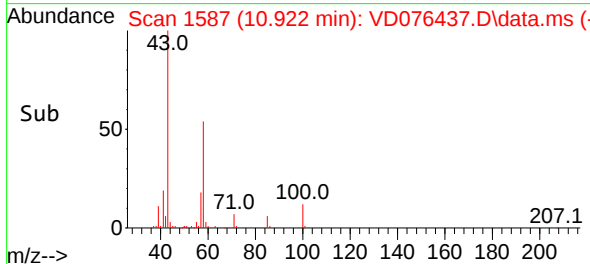
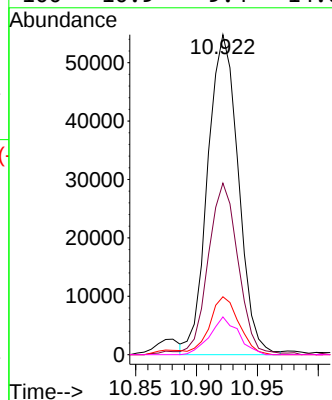


#48
2-Hexanone
Concen: 53.134 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :

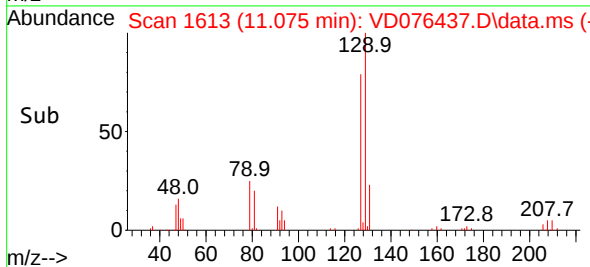
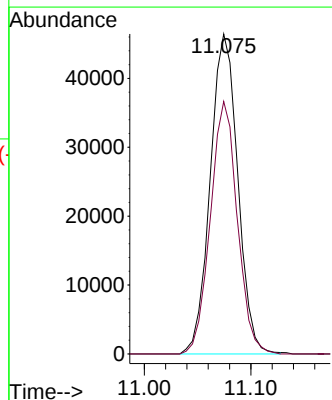
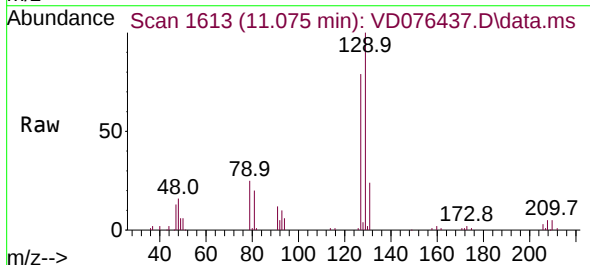


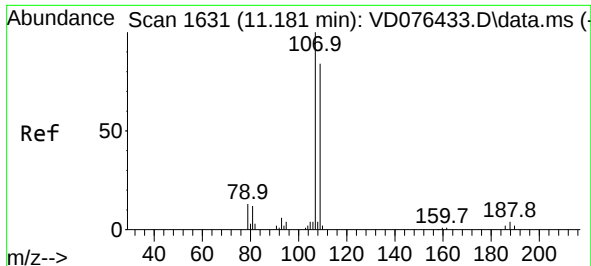
Tgt Ion: 43 Resp: 96241
Ion Ratio Lower Upper
43 100
58 52.0 42.9 64.3
57 17.2 13.7 20.5
100 10.9 9.4 14.0



#49
Dibromochloromethane
Concen: 25.169 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion: 129 Resp: 83406
Ion Ratio Lower Upper
129 100
127 78.9 55.2 102.6





#50

1,2-Dibromoethane

Concen: 24.583 ug/L

RT: 11.180 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076437.D

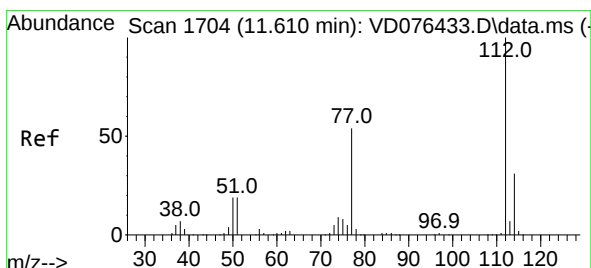
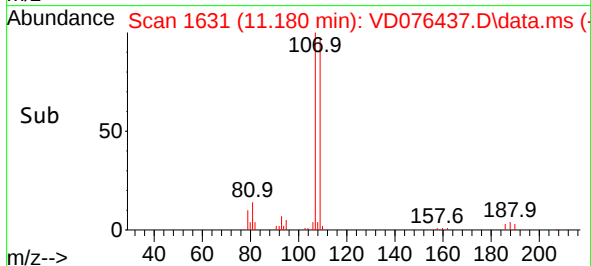
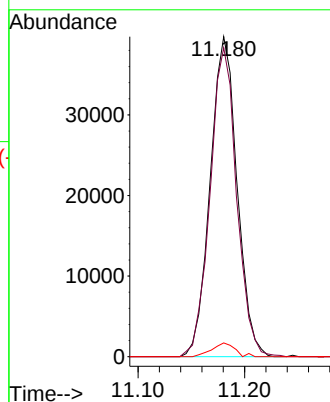
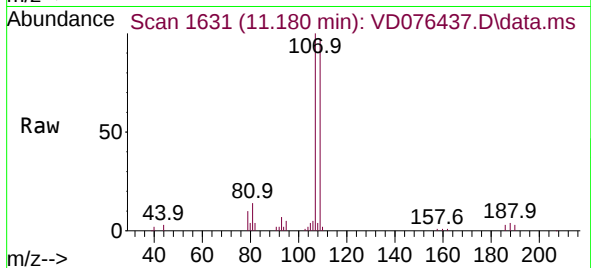
Acq: 15 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	69576
Ion	Ratio	Lower	Upper
107	100		
109	96.6	58.8	109.2
188	4.3	2.9	4.3



#51

Chlorobenzene

Concen: 24.562 ug/L

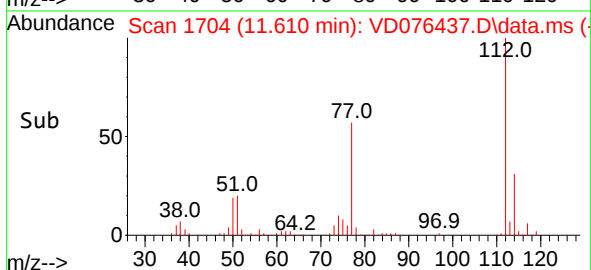
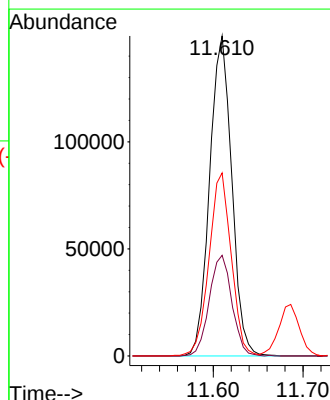
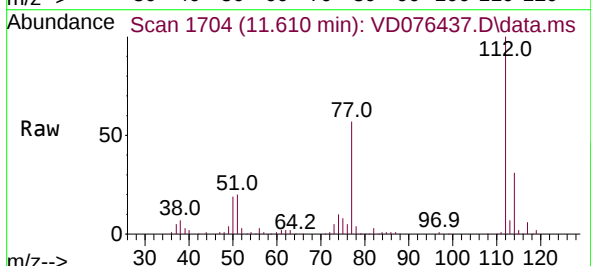
RT: 11.610 min Scan# 1704

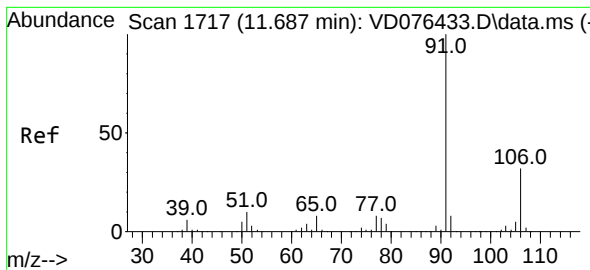
Delta R.T. -0.000 min

Lab File: VD076437.D

Acq: 15 Jun 2023 13:50

Tgt Ion:	112	Resp:	255530
Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.5	39.9
77	57.2	43.4	65.2

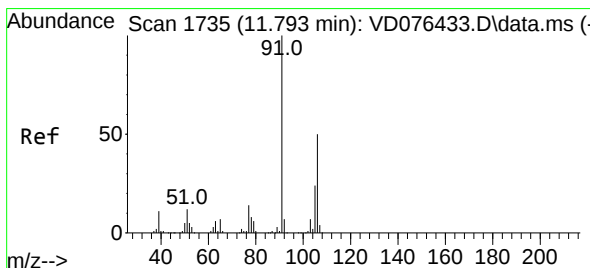
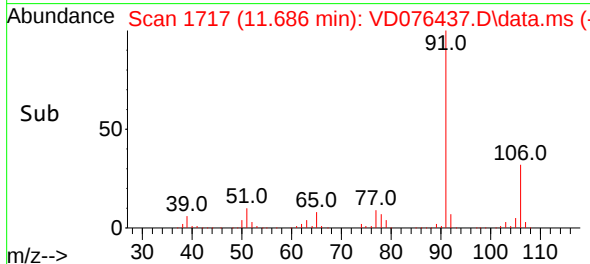
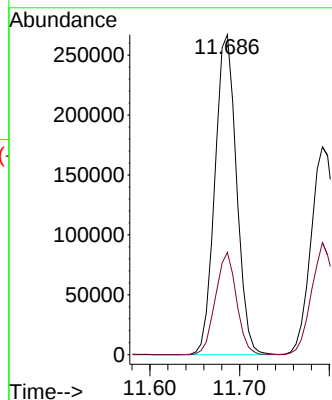
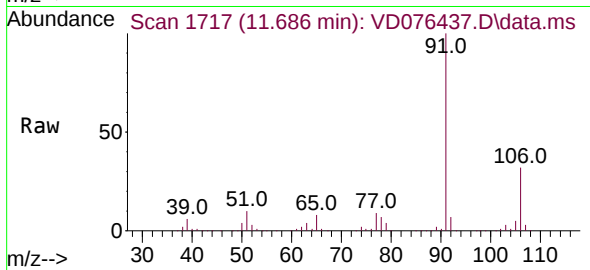




#52
Ethylbenzene
Concen: 24.889 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

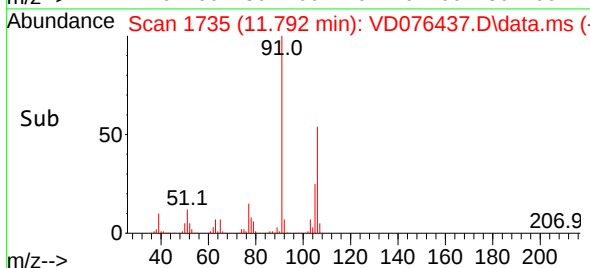
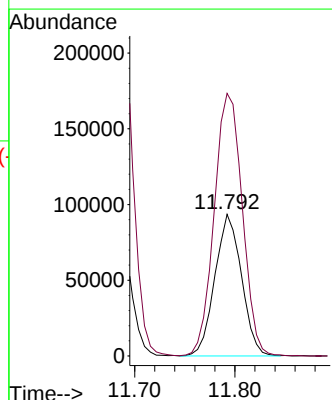
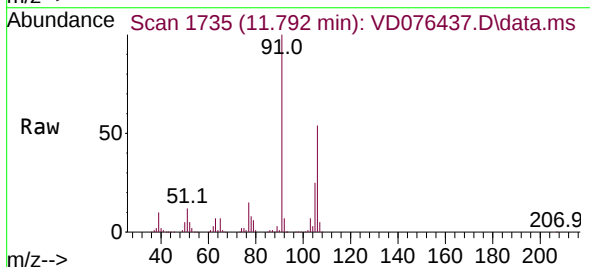
Instrument :
MSVOA_D
ClientSampleId :

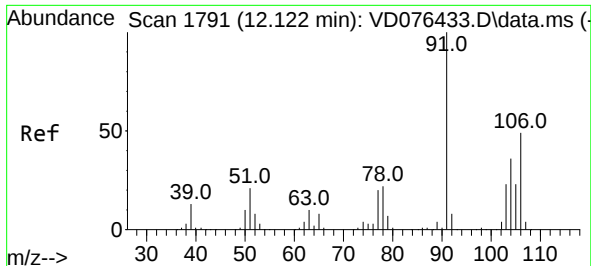
Tgt Ion: 91 Resp: 447033
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6



#53
m,p-Xylene
Concen: 24.451 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion: 106 Resp: 172587
Ion Ratio Lower Upper
106 100
91 185.4 141.5 262.9

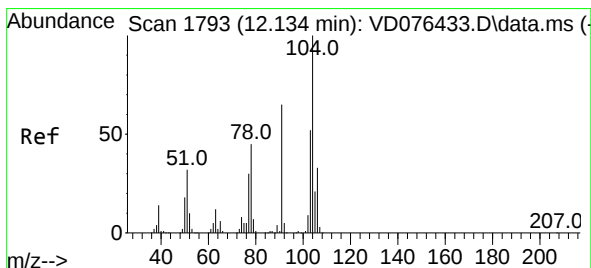
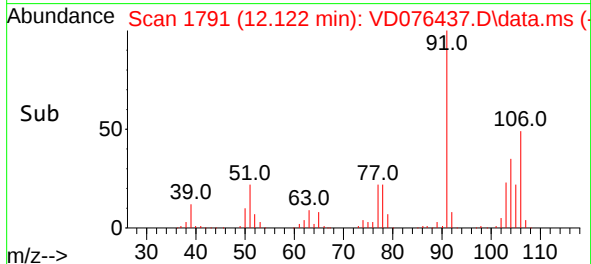
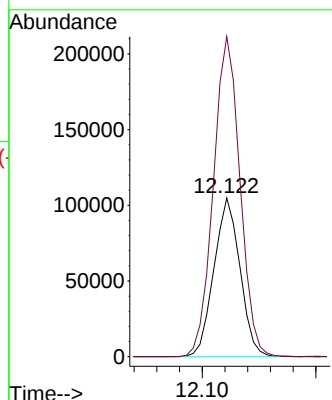
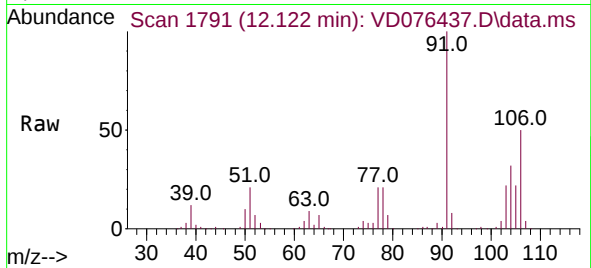




#54
o-Xylene
Concen: 24.853 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

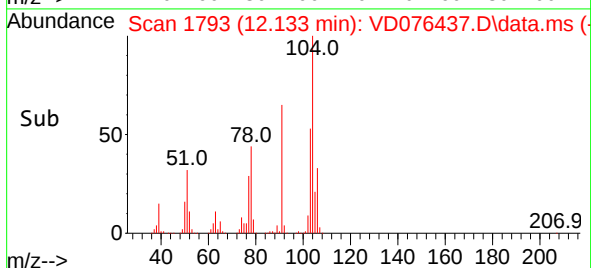
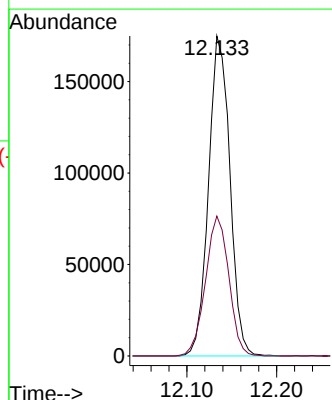
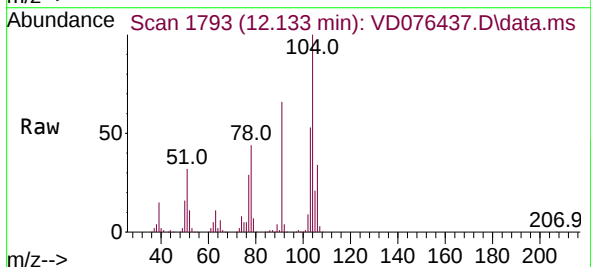
Instrument :
MSVOA_D
ClientSampleId :

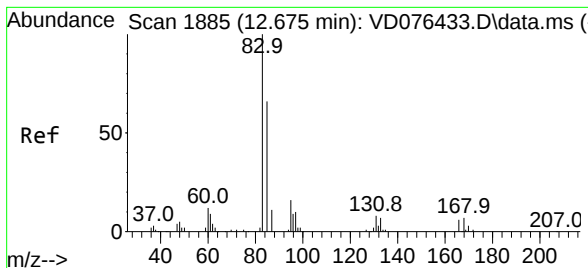
Tgt Ion:106 Resp: 167033
Ion Ratio Lower Upper
106 100
91 201.6 142.2 264.2



#55
Styrene
Concen: 24.970 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion:104 Resp: 289931
Ion Ratio Lower Upper
104 100
78 43.7 31.3 58.1

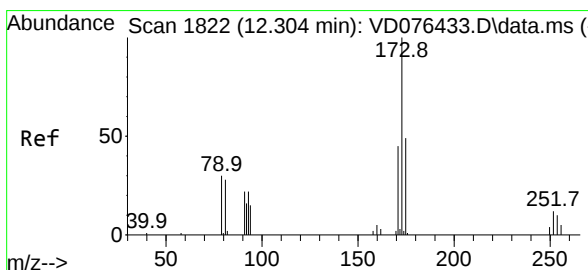
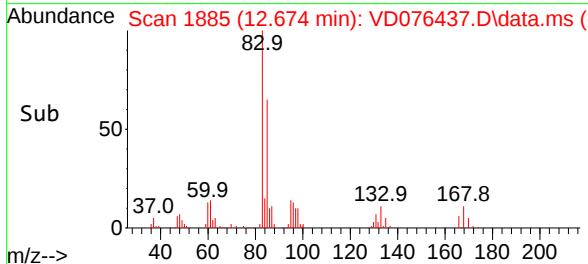
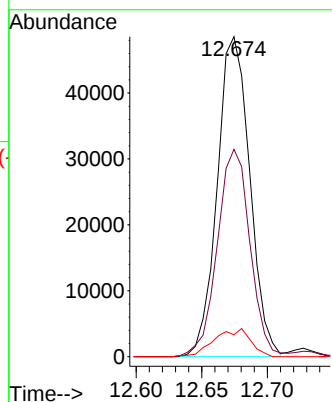
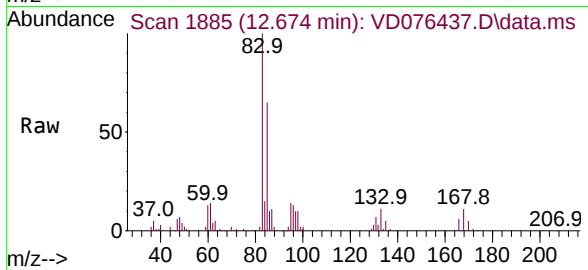




#57
1,1,2,2-Tetrachloroethane
Concen: 25.120 ug/L
RT: 12.674 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

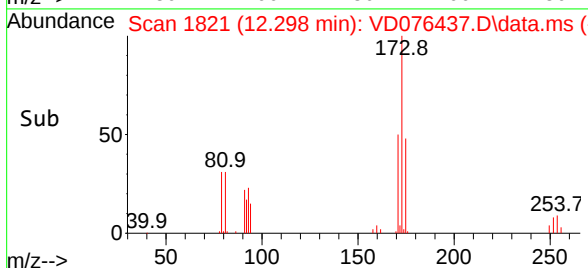
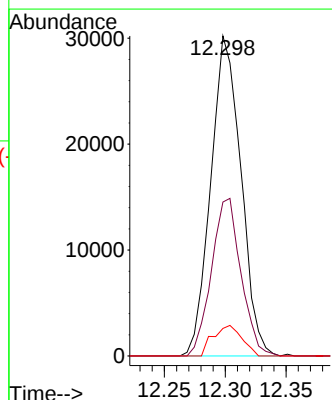
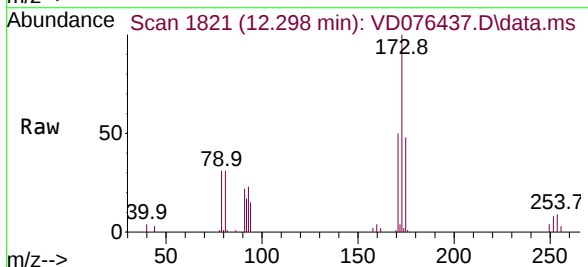
Instrument :
MSVOA_D
ClientSampleId :

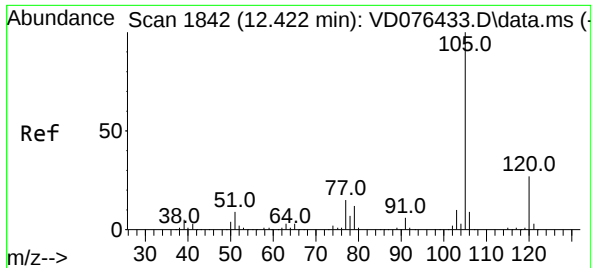
Tgt Ion: 83 Resp: 83715
Ion Ratio Lower Upper
83 100
85 64.8 46.3 86.1
131 9.7 7.0 10.4



#59
Bromoform
Concen: 25.140 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion:173 Resp: 52122
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 9.1 5.3 7.9#

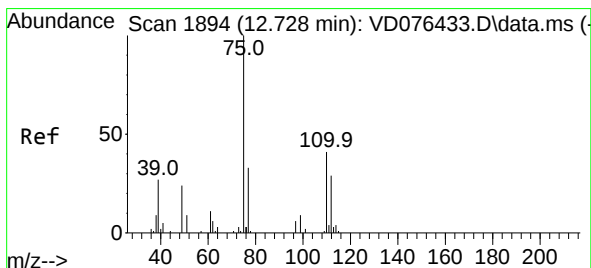
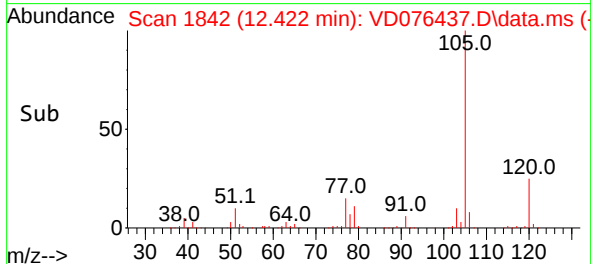
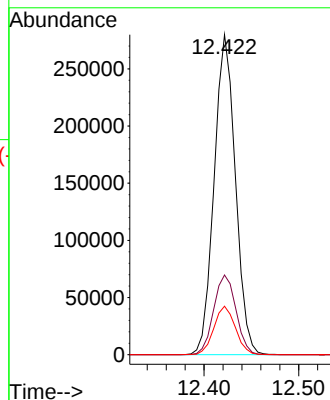
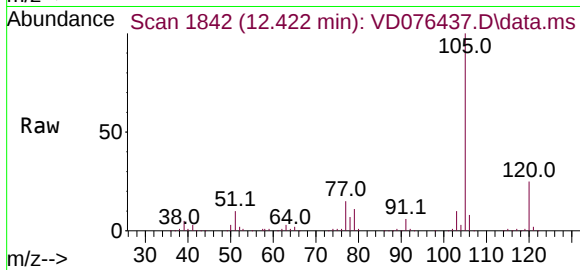




#60
Isopropylbenzene
Concen: 24.623 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

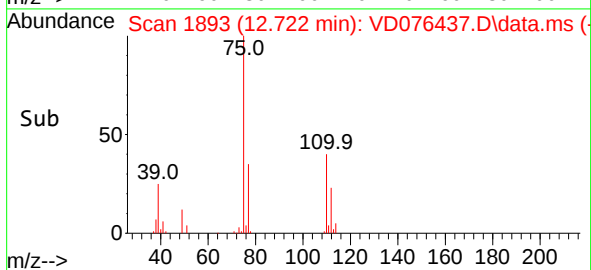
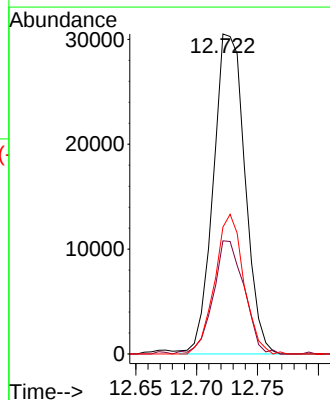
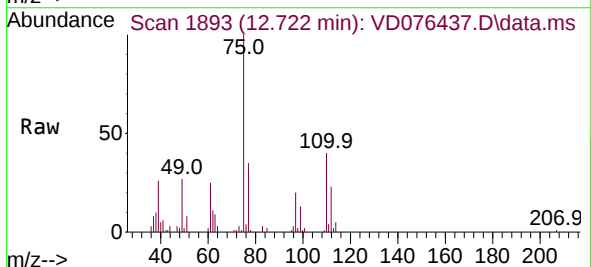
Instrument :
MSVOA_D
ClientSampleId :

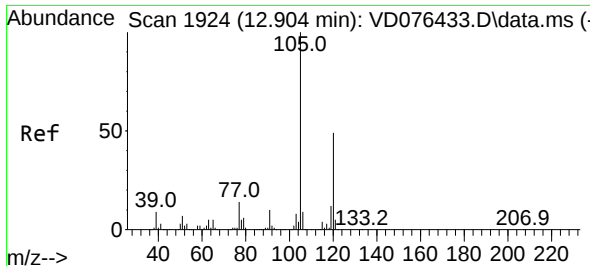
Tgt Ion:105 Resp: 436184
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 24.471 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion: 75 Resp: 55002
Ion Ratio Lower Upper
75 100
77 34.7 27.2 40.8
110 39.9 31.8 47.6

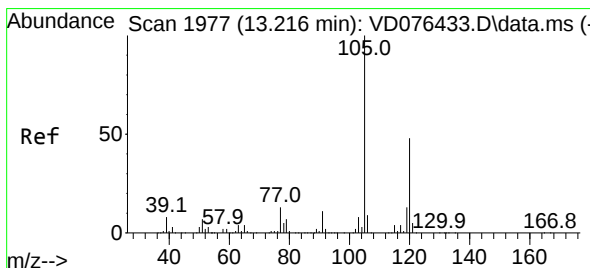
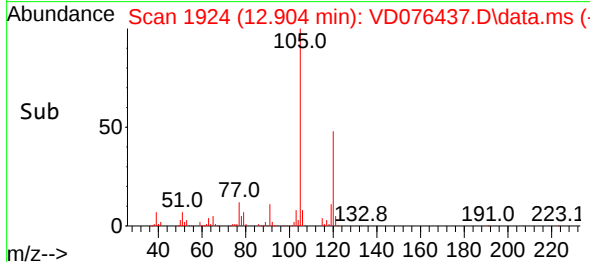
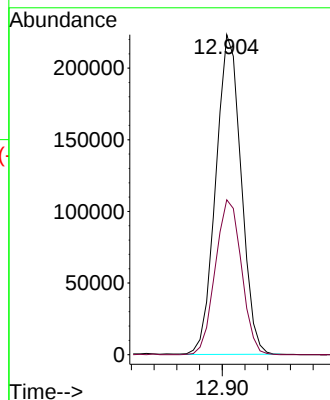
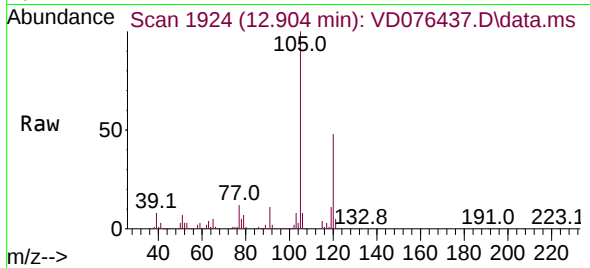




#62
 1,3,5-Trimethylbenzene
 Concen: 24.397 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

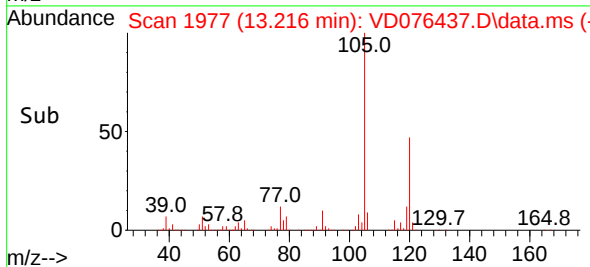
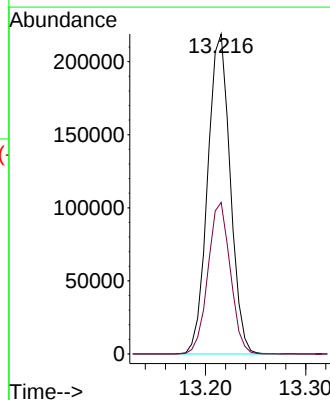
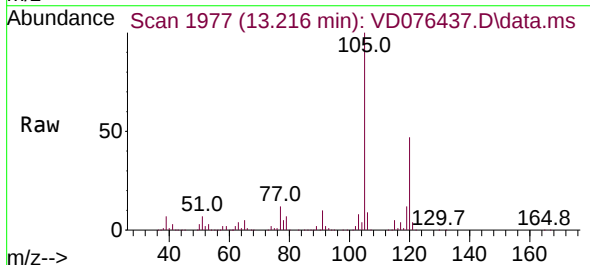
Instrument :
 MSVOA_D
 ClientSampleId :

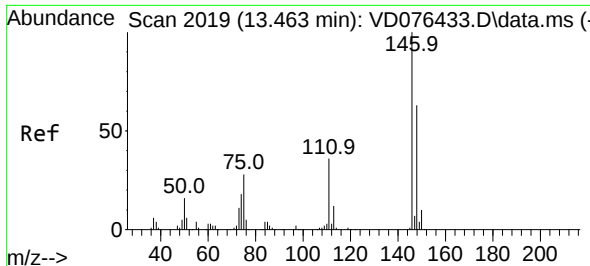
Tgt Ion:105 Resp: 345769
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 24.438 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Tgt Ion:105 Resp: 341780
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.5 56.3

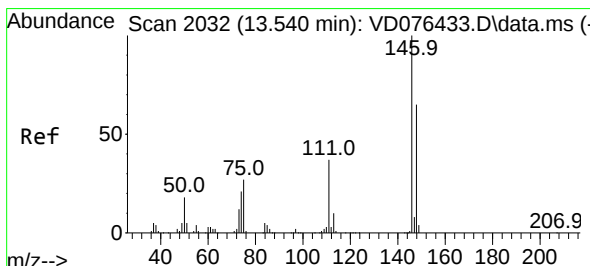
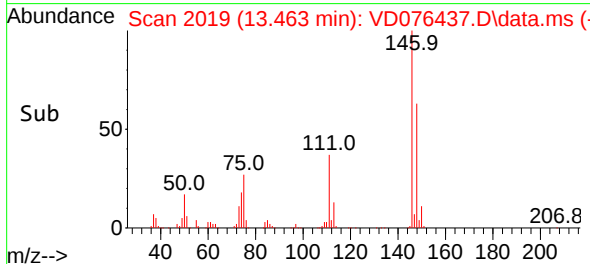
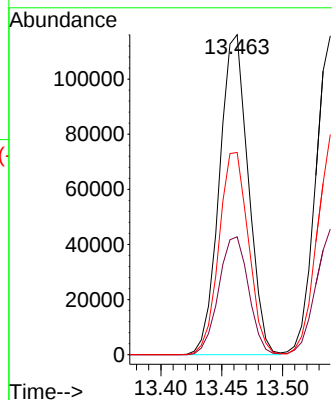
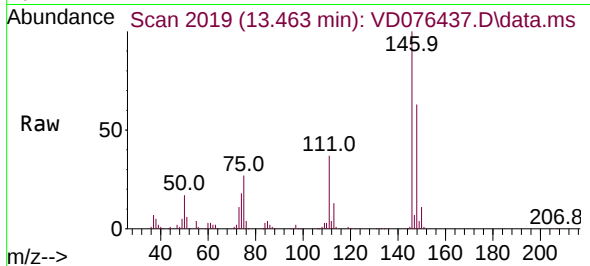




#64
1,3-Dichlorobenzene
Concen: 24.296 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

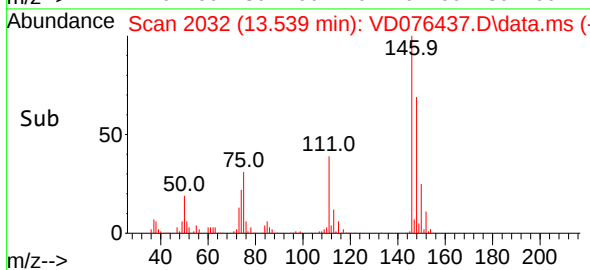
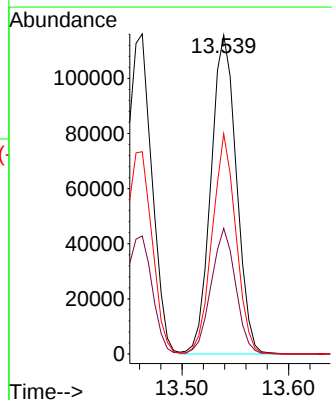
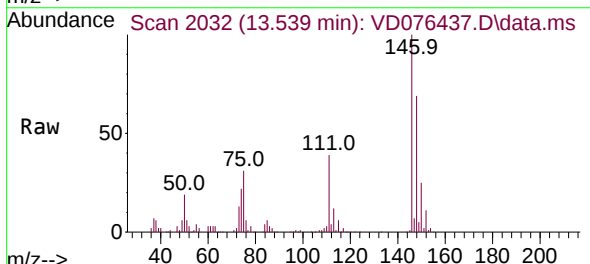
Instrument :
MSVOA_D
ClientSampleId :

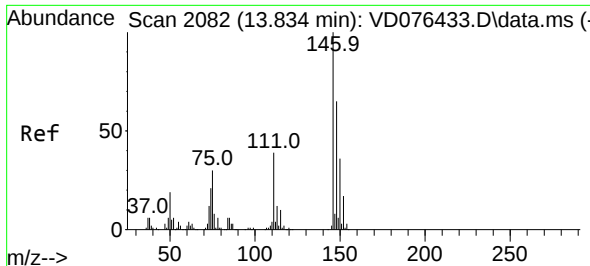
Tgt Ion:146 Resp: 191470
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.4
148 63.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.189 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

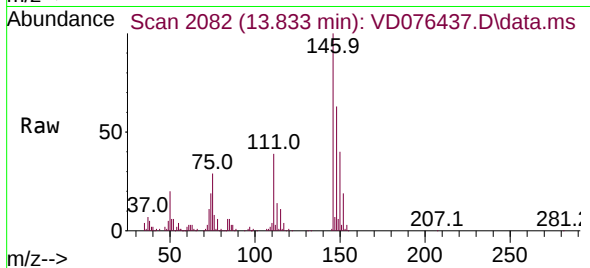
Tgt Ion:146 Resp: 192159
Ion Ratio Lower Upper
146 100
111 39.4 25.7 47.7
148 69.0 45.4 84.2





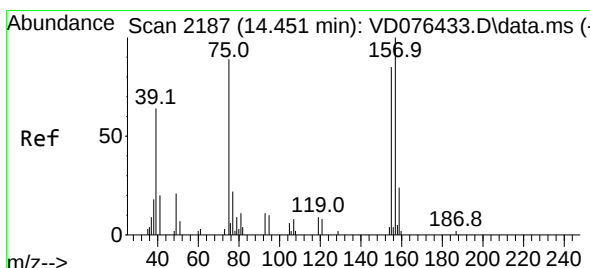
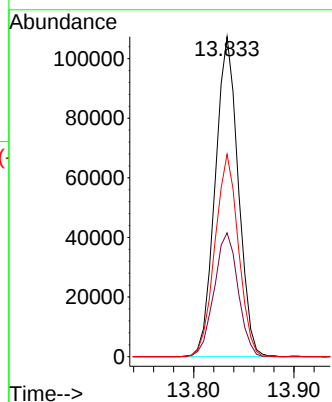
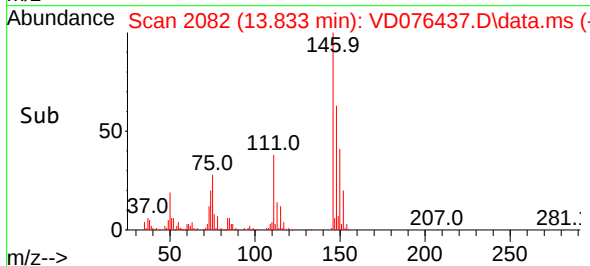
#67
 1,2-Dichlorobenzene
 Concen: 24.337 ug/L
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Instrument :
 MSVOA_D
 ClientSampleId :

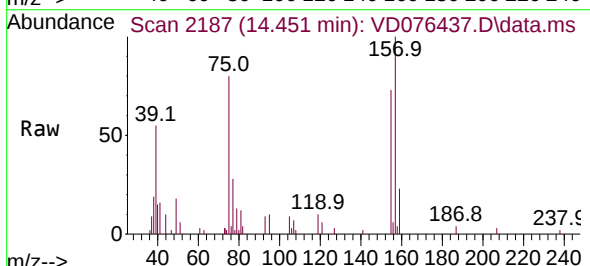


Tgt Ion:146 Resp: 170859

Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.3	46.9
148	63.3	51.7	77.5

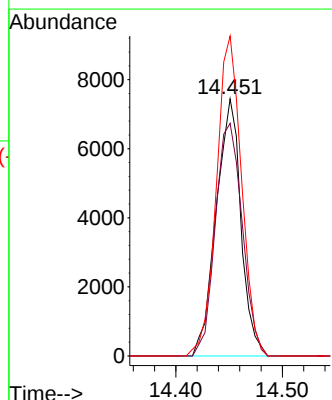
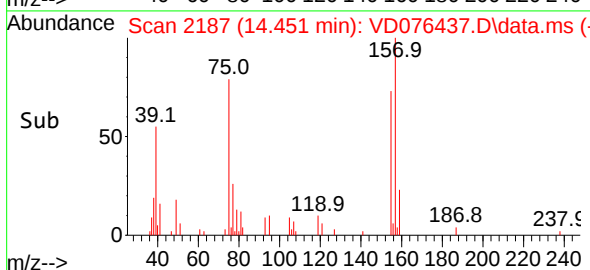


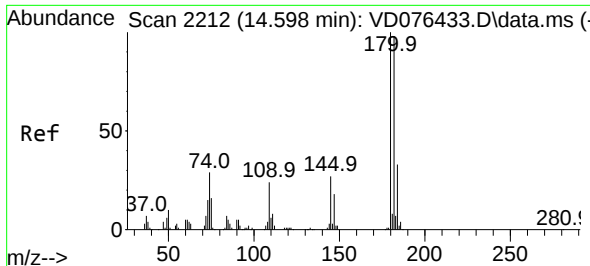
#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.961 ug/L
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50



Tgt Ion: 75 Resp: 12002

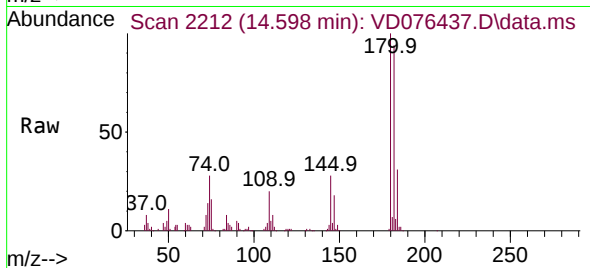
Ion	Ratio	Lower	Upper
75	100		
155	90.5	76.2	114.4
157	124.5	89.4	134.2





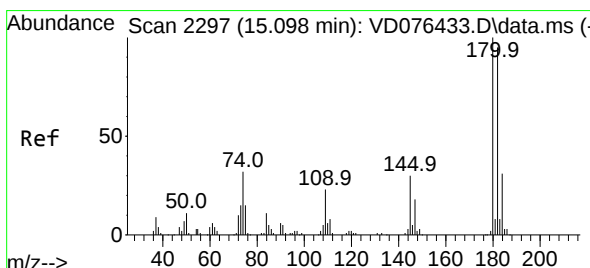
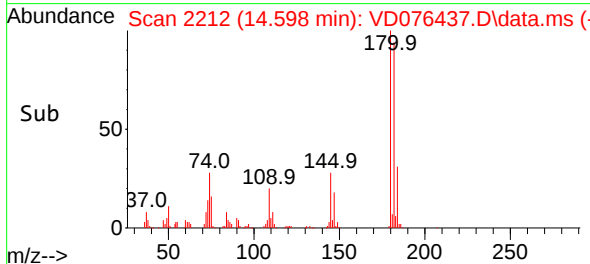
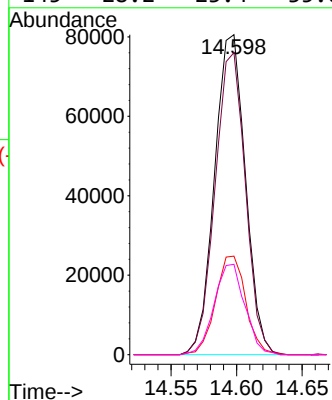
#69
 1,3,5-Trichlorobenzene
 Concen: 25.064 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 131751

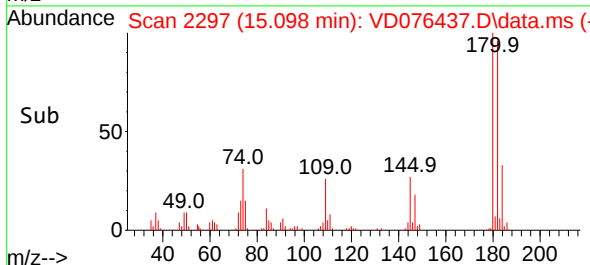
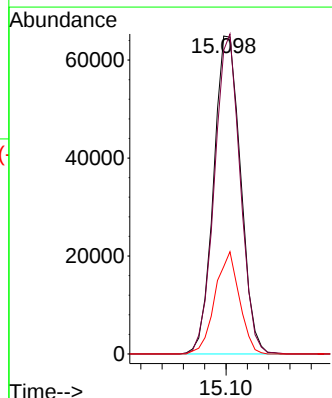
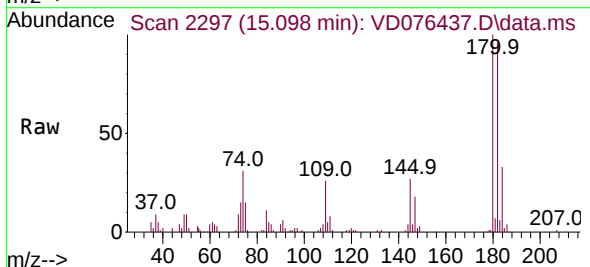
Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.1	115.7
184	30.3	25.0	37.4
145	28.2	23.4	35.0

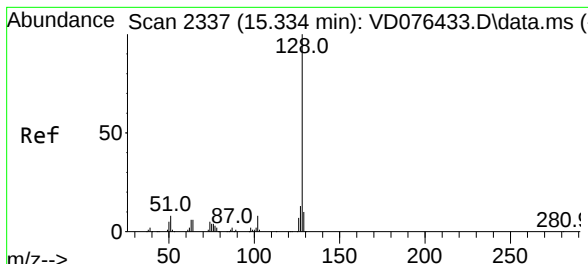


#70
 1,2,4-trichlorobenzene
 Concen: 24.339 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD076437.D
 Acq: 15 Jun 2023 13:50

Tgt Ion:180 Resp: 113836

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.9	115.3
145	29.1	23.5	35.3



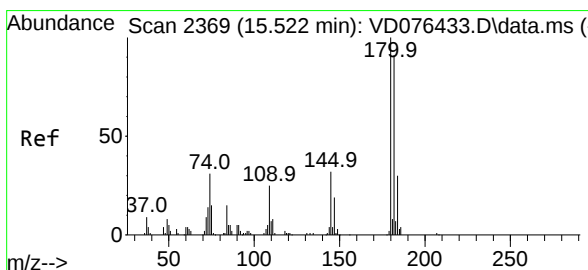
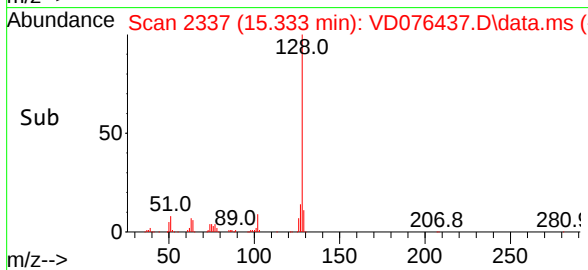
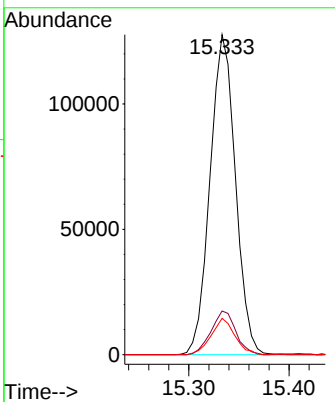
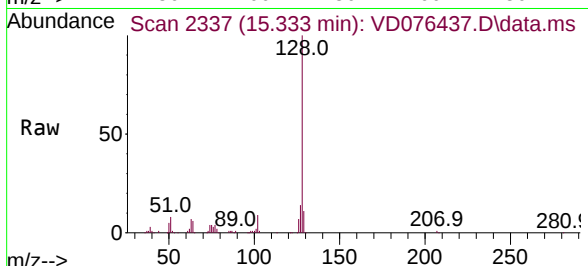


#71
Naphthalene
Concen: 25.098 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 224746

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.6	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.505 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. 0.005 min
Lab File: VD076437.D
Acq: 15 Jun 2023 13:50

Tgt Ion:180 Resp: 99527

Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.3	111.5
145	30.3	25.0	37.6

