

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076433.D
 Acq On : 15 Jun 2023 11:39
 Operator : KP/SY
 Sample : VSTD02554
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 01:15:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:13:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	272538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	242540	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	117330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	161927	24.397	ug/L	0.00
7) Chloroethane-d5	2.799	69	127719	23.772	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	41753	24.100	ug/L	0.00
21) 2-Butanone-d5	6.987	46	49743	46.283	ug/L	0.00
24) Chloroform-d	7.563	84	177318	24.695	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	88407	24.958	ug/L	0.00
32) Benzene-d6	8.199	84	372327	25.095	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	118490	25.020	ug/L	0.00
41) Toluene-d8	10.269	98	340297	24.771	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	49729	25.246	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	36153	49.179	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84252	25.006	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	104819	24.373	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	104314	24.563	ug/L	100
3) Chloromethane	2.146	50	175346	24.837	ug/L	100
5) Vinyl chloride	2.281	62	193233	25.372	ug/L	100
6) Bromomethane	2.687	94	108318	25.678	ug/L	100
8) Chloroethane	2.834	64	118596	25.422	ug/L	100
9) Trichlorofluoromethane	3.170	101	135441	24.596	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	87511	24.500	ug/L	100
12) 1,1-Dichloroethene	3.934	96	89482	25.201	ug/L	100
13) Acetone	4.022	43	35877	44.056	ug/L	100
14) Carbon disulfide	4.264	76	322230	25.132	ug/L	100
15) Methyl Acetate	4.564	43	48334	24.682	ug/L	100
16) Methylene chloride	4.799	84	107343	22.627	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	97017	24.507	ug/L	100
18) Methyl tert-butyl Ether	5.311	73	225102	25.073	ug/L	100
19) 1,1-Dichloroethane	6.105	63	179562	24.906	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	111010	25.120	ug/L	100
22) 2-Butanone	7.081	43	61706	44.498	ug/L	100
23) Bromochloromethane	7.422	128	47528	25.428	ug/L	100
25) Chloroform	7.593	83	175018	24.874	ug/L	100
27) 1,2-Dichloroethane	8.322	62	108652	25.110	ug/L	100
29) Cyclohexane	7.875	56	160953	24.955	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	142977	25.375	ug/L	100
31) Carbon tetrachloride	7.993	117	113602	25.210	ug/L	100
33) Benzene	8.246	78	412367	25.689	ug/L	100
34) Trichloroethene	9.028	95	103664	25.140	ug/L	100
35) Methylcyclohexane	9.275	83	168600	25.355	ug/L	100
37) 1,2-Dichloropropane	9.305	63	107051	24.461	ug/L	100
38) Bromodichloromethane	9.587	83	130514	26.147	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	169344	25.341	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	135425	49.743	ug/L	100
42) Toluene	10.334	91	436138	25.425	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	139296	25.644	ug/L	100

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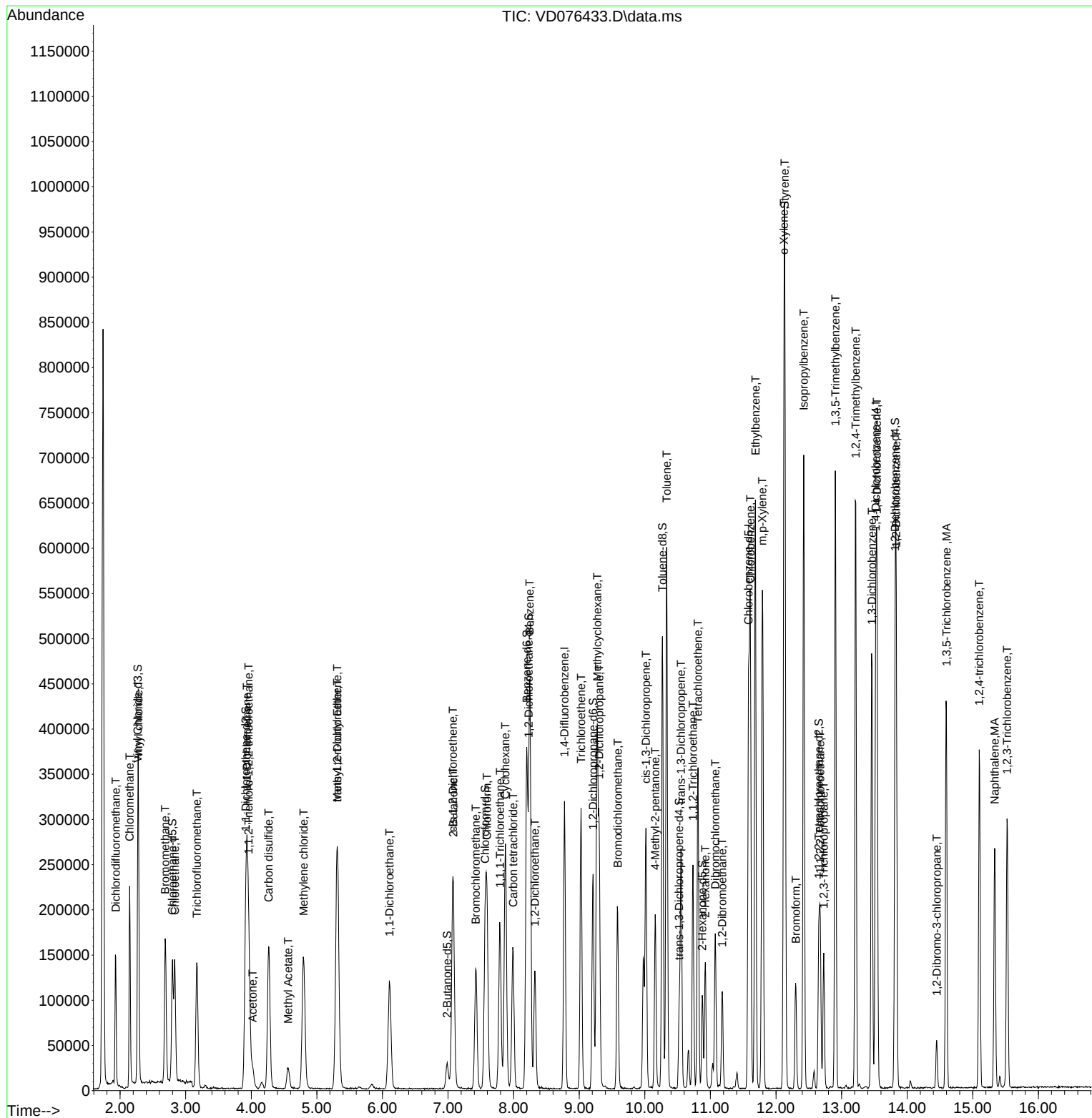
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	76189	25.381	ug/L	100
46) Tetrachloroethene	10.810	164	78507	24.218	ug/L	100
48) 2-Hexanone	10.922	43	92940	49.845	ug/L	100
49) Dibromochloromethane	11.075	129	86262	25.286	ug/L	100
50) 1,2-Dibromoethane	11.181	107	74077	25.425	ug/L	100
51) Chlorobenzene	11.610	112	272711	25.464	ug/L	100
52) Ethylbenzene	11.687	91	468239	25.325	ug/L	100
53) m,p-Xylene	11.793	106	181386	24.963	ug/L	100
54) o-Xylene	12.122	106	174463	25.217	ug/L	100
55) Styrene	12.134	104	303456	25.388	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	86421	25.191	ug/L	100
59) Bromoform	12.304	173	52944	25.207	ug/L	100
60) Isopropylbenzene	12.422	105	451479	25.157	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	57639	25.313	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	364324	25.374	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	354287	25.005	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	202435	25.355	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	200202	24.876	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	177435	24.947	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	12898	25.439	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	133028	24.980	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	116894	24.670	ug/L	100
71) Naphthalene	15.334	128	225331	24.838	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	101822	24.746	ug/L	100

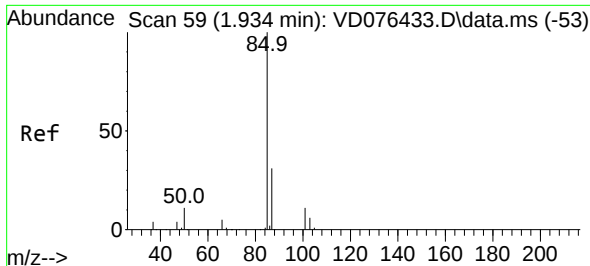
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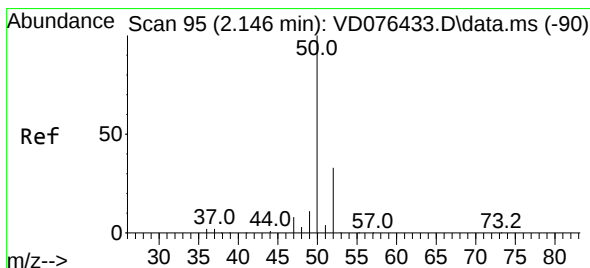
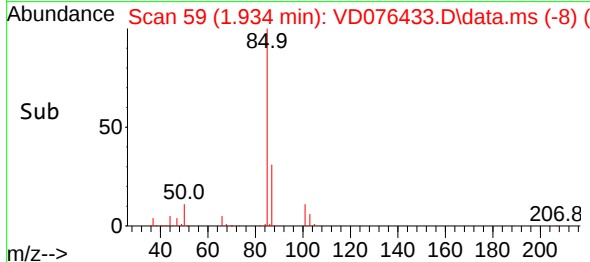
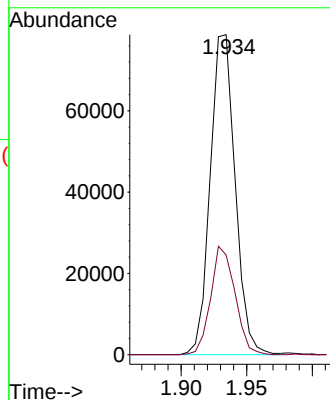
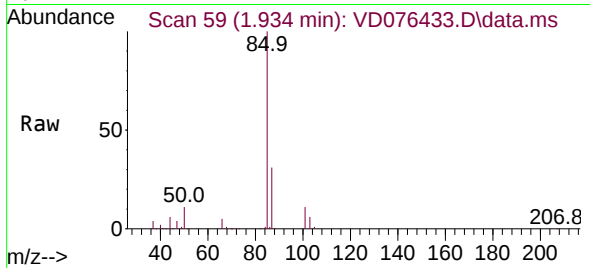




#2
 Dichlorodifluoromethane
 Concen: 24.563 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

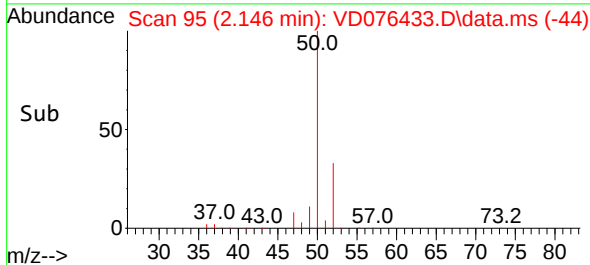
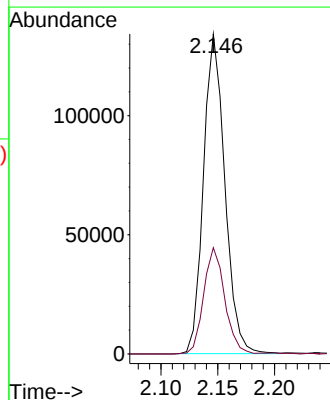
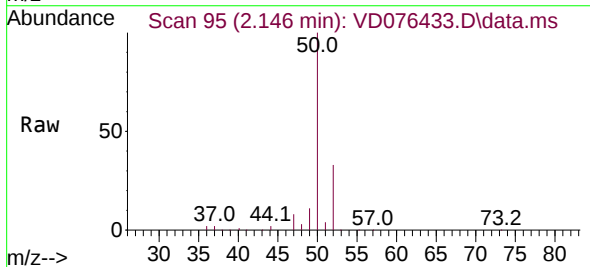
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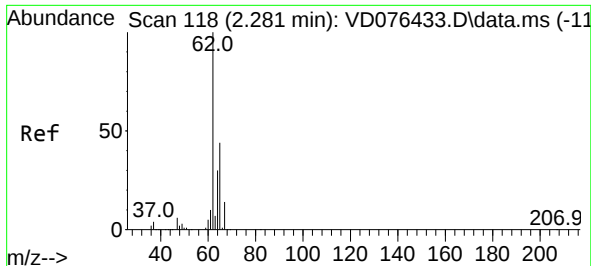
Tgt Ion: 85 Resp: 104314
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 24.837 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

Tgt Ion: 50 Resp: 175346
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

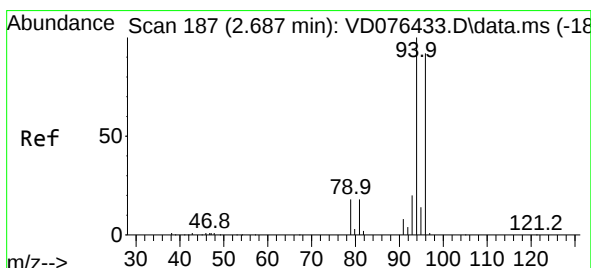
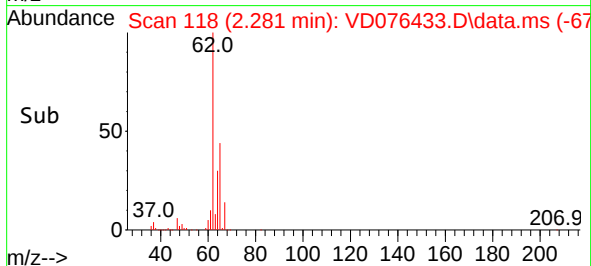
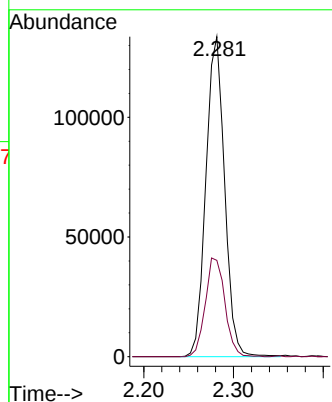
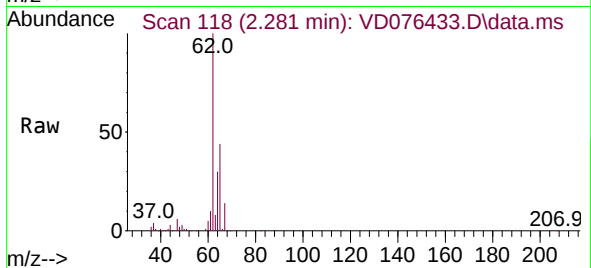




#5
 Vinyl chloride
 Concen: 25.372 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

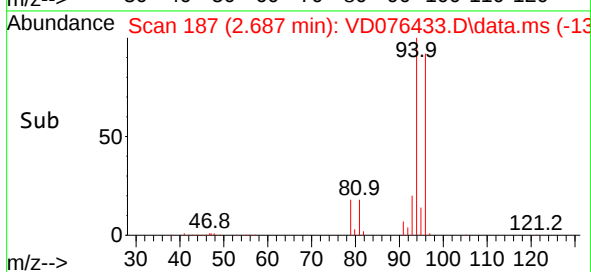
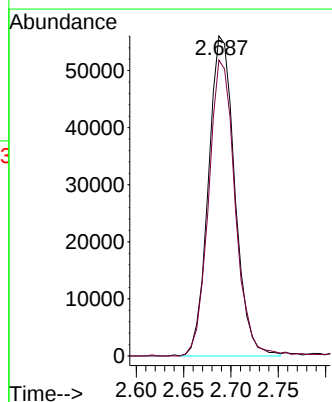
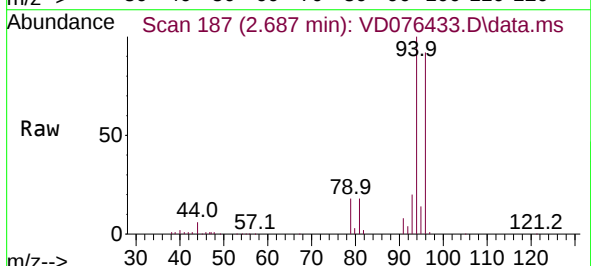
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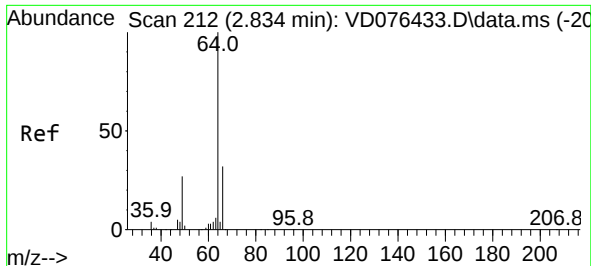
Tgt Ion: 62 Resp: 193233
 Ion Ratio Lower Upper
 62 100
 64 30.1 21.1 39.1



#6
 Bromomethane
 Concen: 25.678 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

Tgt Ion: 94 Resp: 108318
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.7 120.1

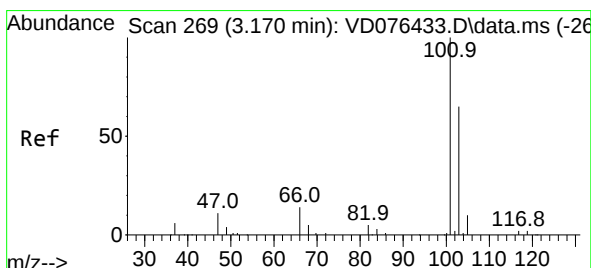
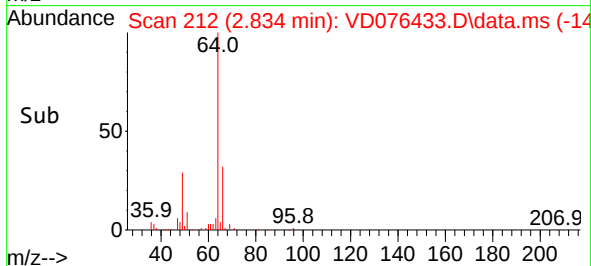
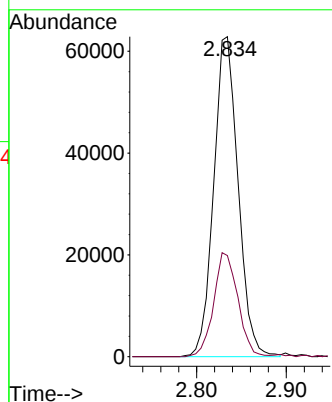
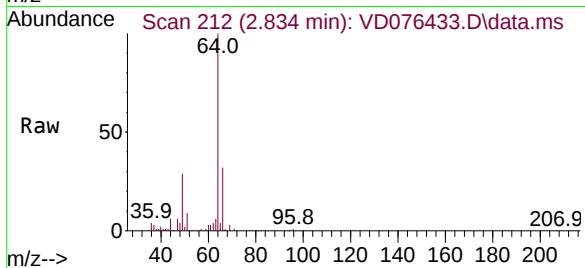




#8
Chloroethane
Concen: 25.422 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

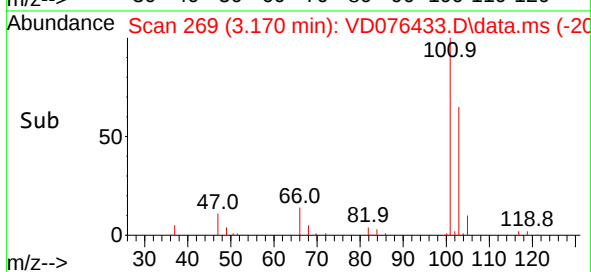
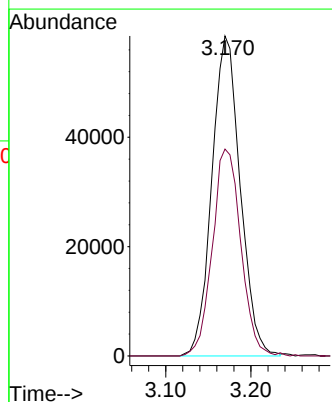
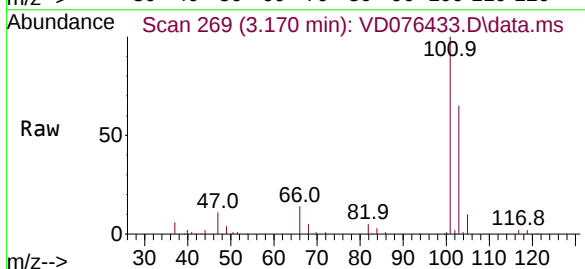
Instrument :
MSVOA_D
ClientSampleId :

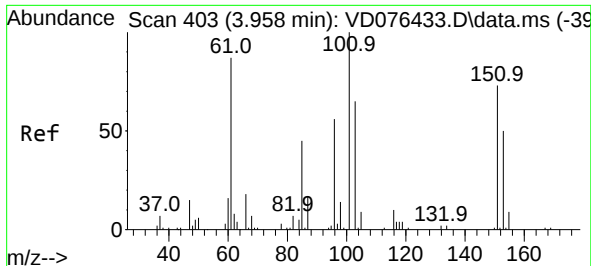
Tgt Ion: 64 Resp: 118596
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.596 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 101 Resp: 135441
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

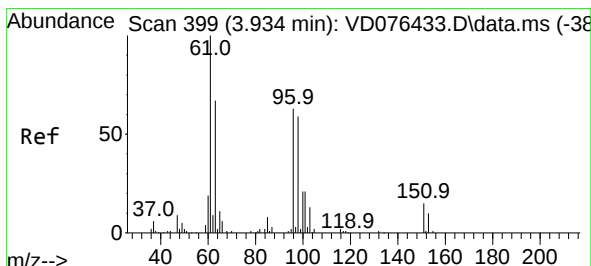
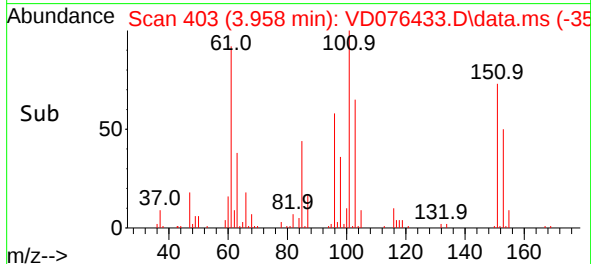
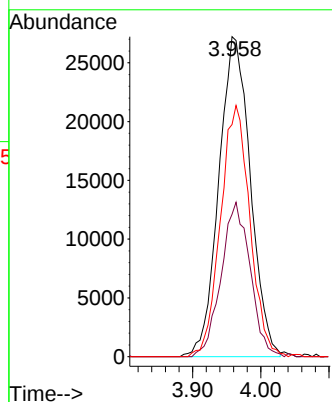
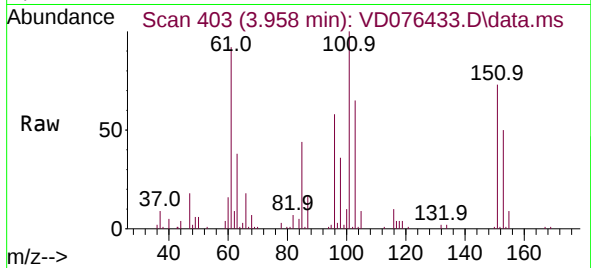




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.500 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

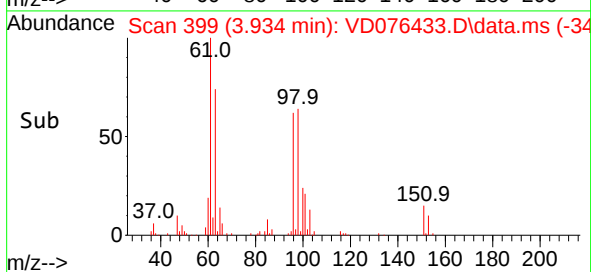
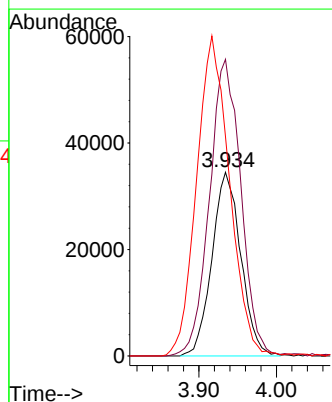
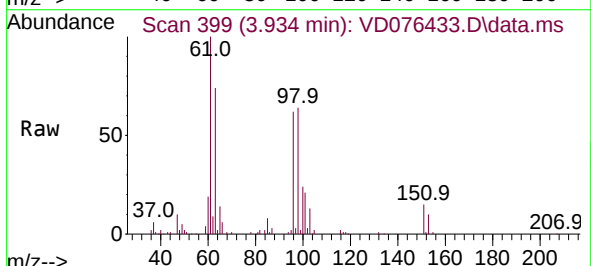
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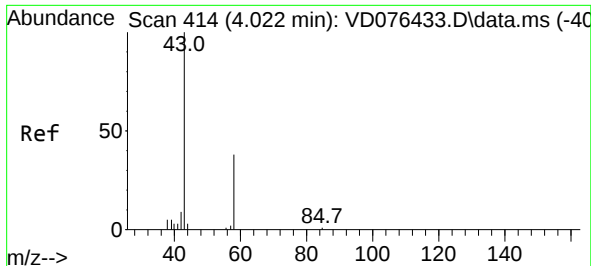
Tgt Ion:101 Resp: 87511
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 73.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 25.201 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

Tgt Ion: 96 Resp: 89482
 Ion Ratio Lower Upper
 96 100
 61 161.4 113.0 209.8
 63 119.4 83.6 155.2

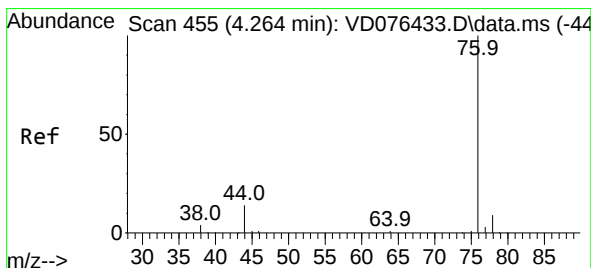
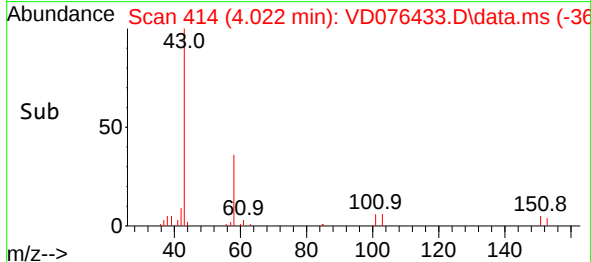
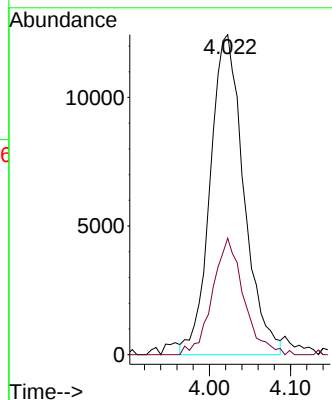
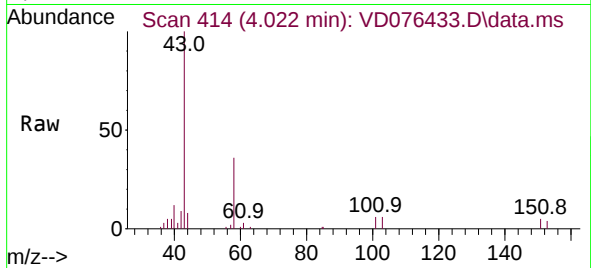




#13
Acetone
Concen: 44.056 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

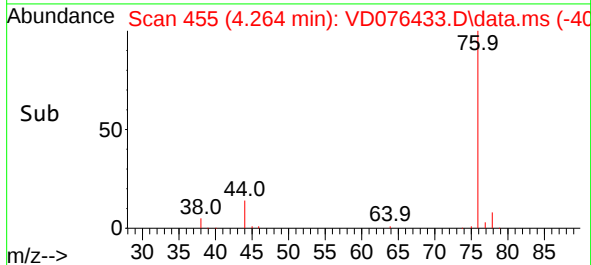
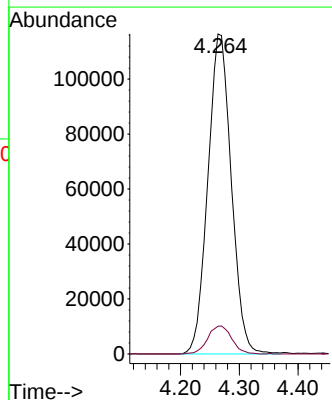
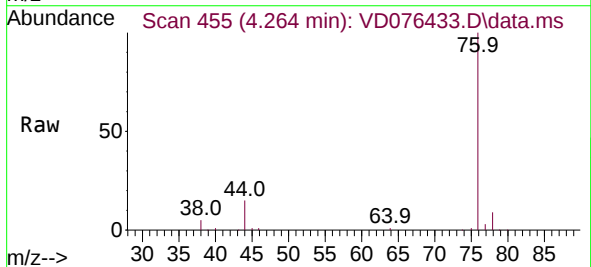
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ClientSampleId :

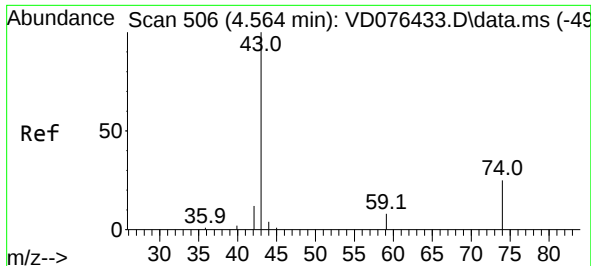
Tgt Ion: 43 Resp: 35877
Ion Ratio Lower Upper
43 100
58 33.7 0.0 67.4



#14
Carbon disulfide
Concen: 25.132 ug/L
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 76 Resp: 322230
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

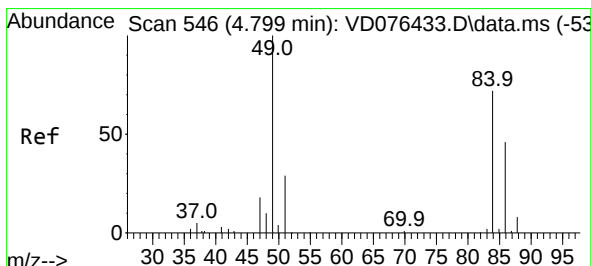
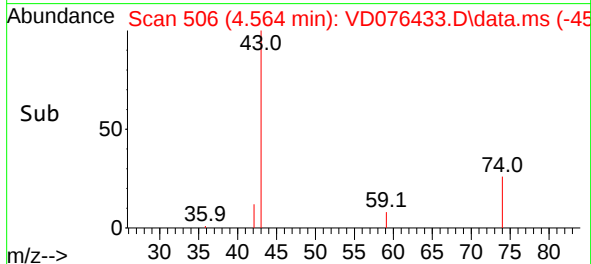
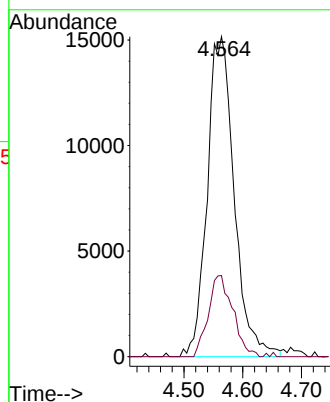
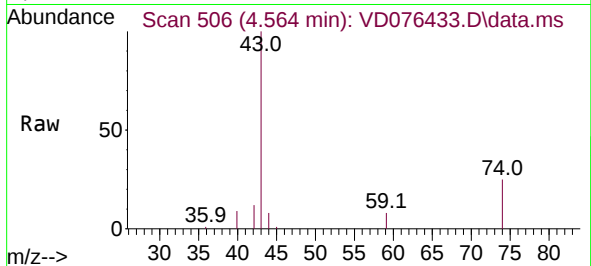




#15
Methyl Acetate
Concen: 24.682 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

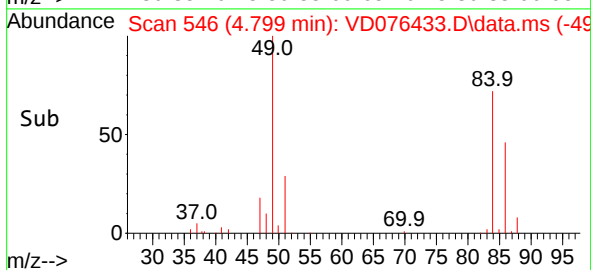
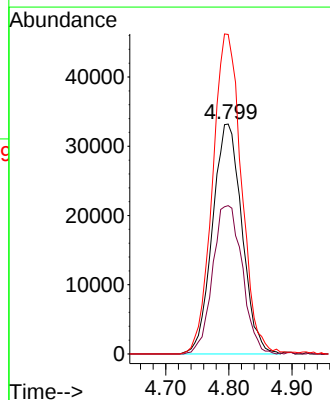
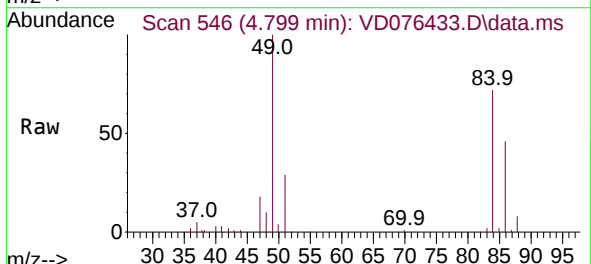
Instrument :
MSVOA_D
ClientSampleId :

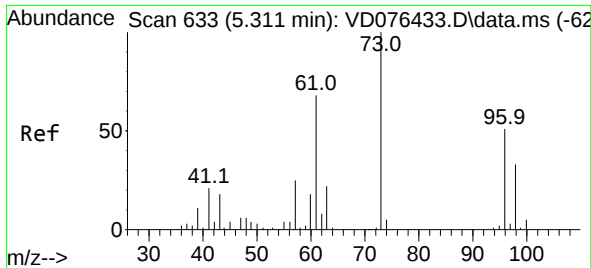
Tgt Ion: 43 Resp: 48334
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2



#16
Methylene chloride
Concen: 22.627 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 84 Resp: 107343
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 138.9 97.2 180.6

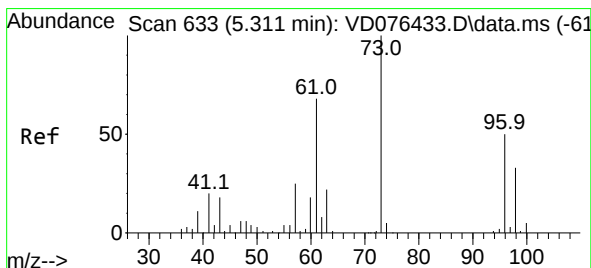
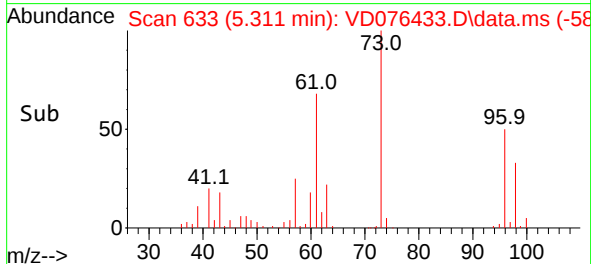
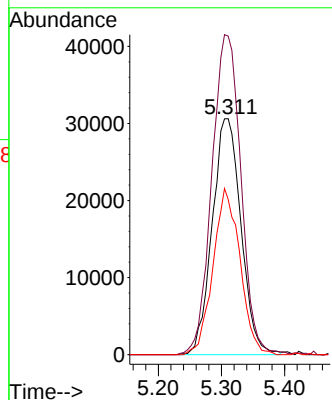
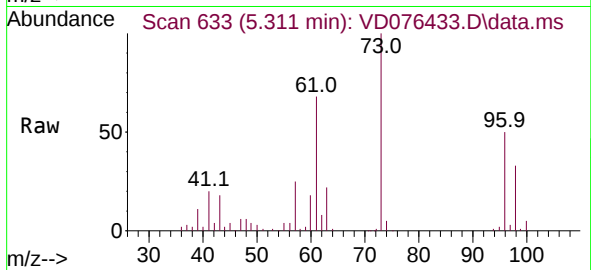




#17
trans-1,2-Dichloroethene
Concen: 24.507 ug/L
RT: 5.311 min Scan# 617
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

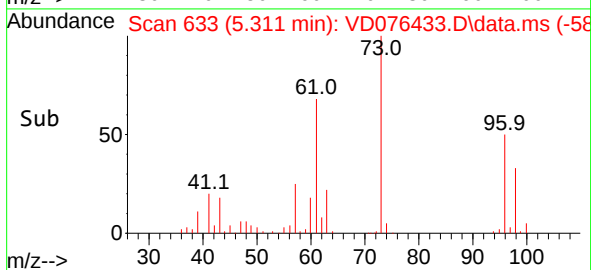
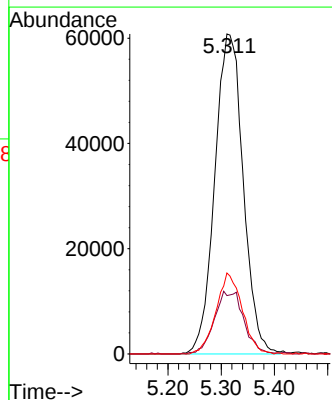
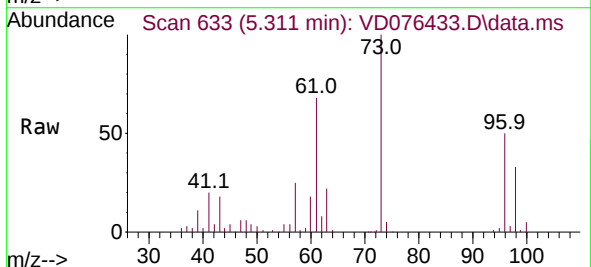
Instrument :
MSVOA_D
ClientSampleId :

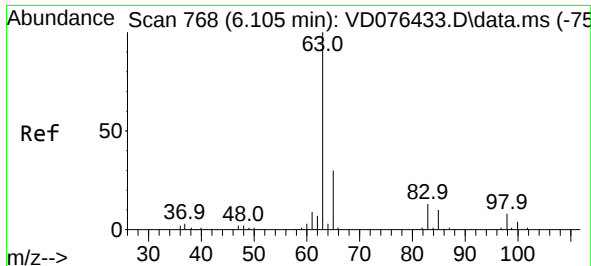
Tgt Ion: 96 Resp: 97017
Ion Ratio Lower Upper
96 100
61 135.0 94.5 175.5
98 65.7 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 25.073 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 73 Resp: 225102
Ion Ratio Lower Upper
73 100
43 9.0 7.2 10.8
57 23.3 18.6 28.0





#19

1,1-Dichloroethane

Concen: 24.906 ug/L

RT: 6.105 min Scan# 768

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

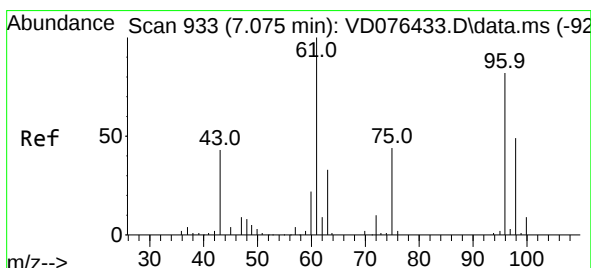
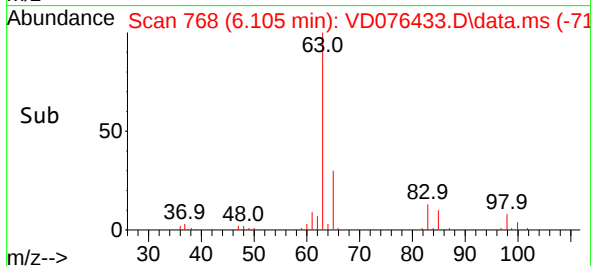
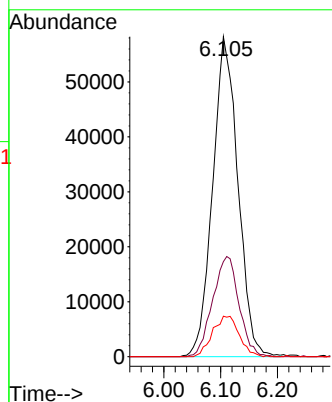
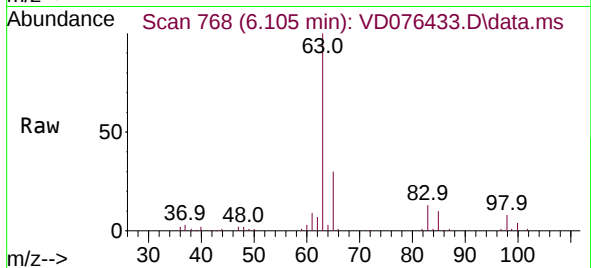
Tgt Ion: 63 Resp: 179562

Ion Ratio Lower Upper

63 100

65 29.7 20.8 38.6

83 12.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.120 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

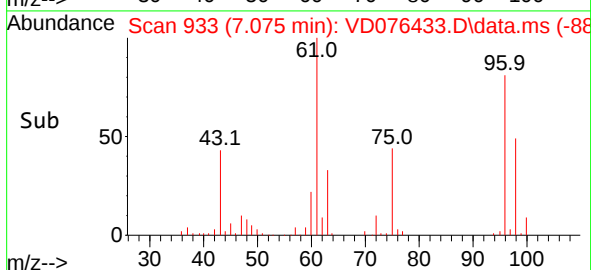
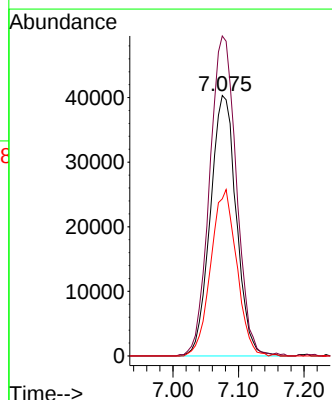
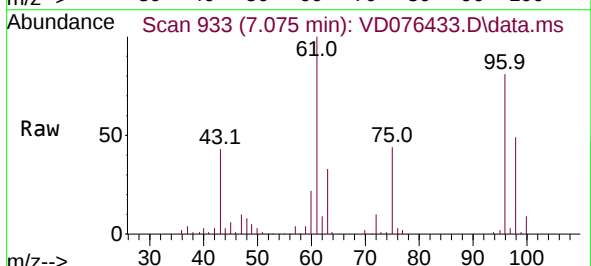
Tgt Ion: 96 Resp: 111010

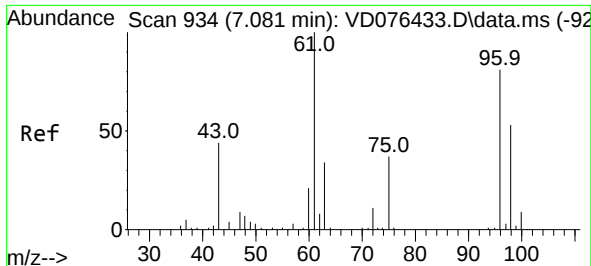
Ion Ratio Lower Upper

96 100

61 122.8 86.0 159.6

98 60.3 42.2 78.4

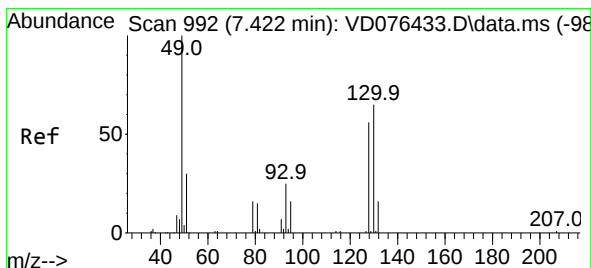
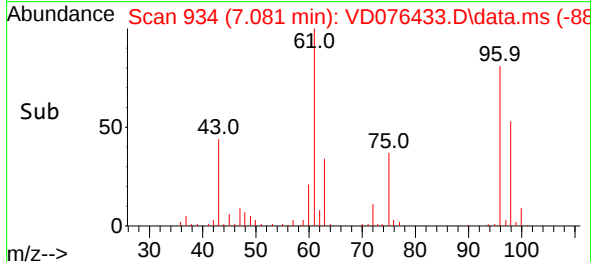
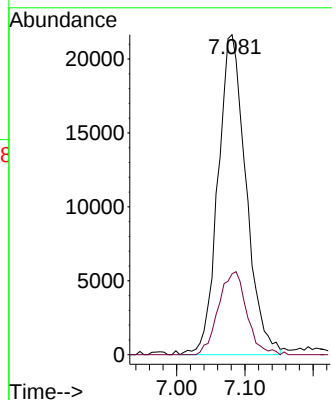
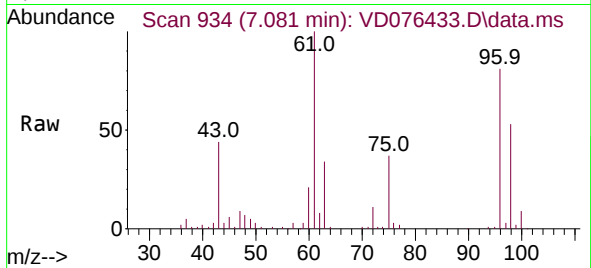




#22
2-Butanone
Concen: 44.498 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

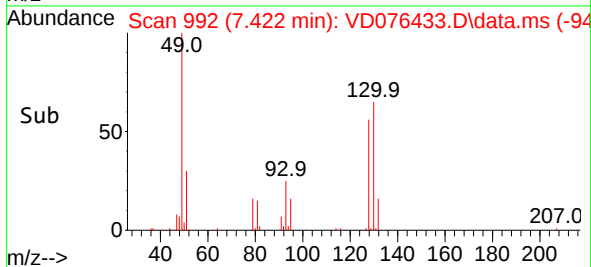
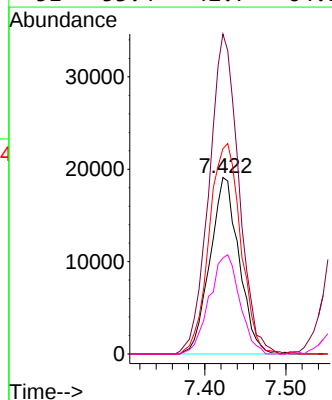
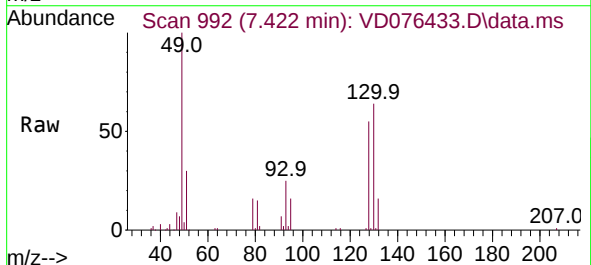
Instrument :
MSVOA_D
ClientSampleId :

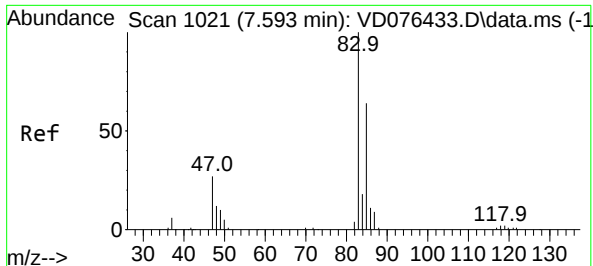
Tgt Ion: 43 Resp: 61706
Ion Ratio Lower Upper
43 100
72 25.8 12.9 38.7



#23
Bromochloromethane
Concen: 25.428 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 128 Resp: 47528
Ion Ratio Lower Upper
128 100
49 178.2 124.7 231.7
130 114.3 80.0 148.6
51 53.4 42.7 64.1





#25

Chloroform

Concen: 24.874 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

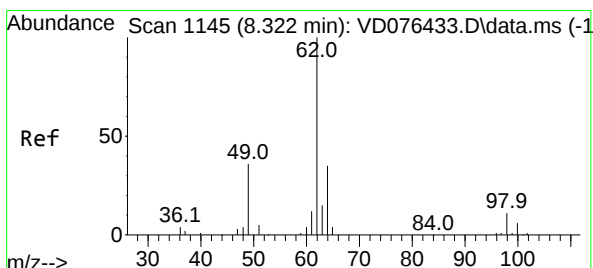
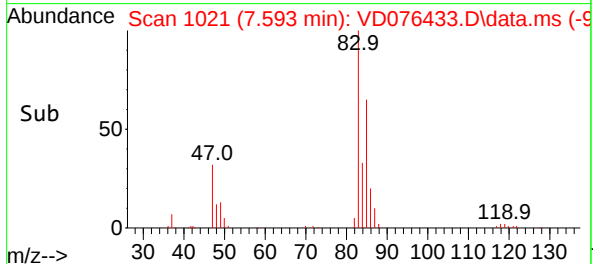
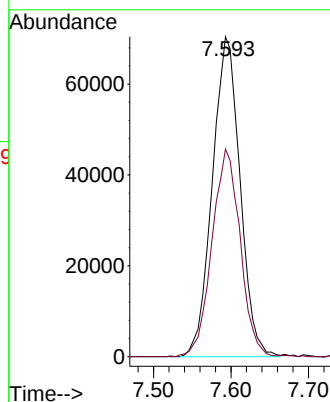
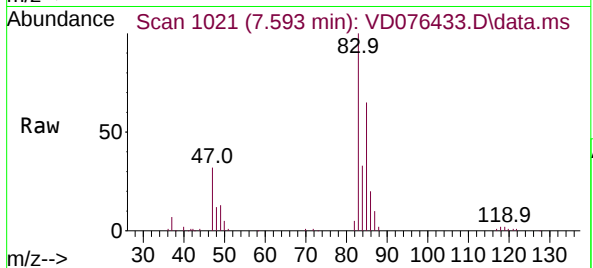
ClientSampleId :

Tgt Ion: 83 Resp: 175018

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 25.110 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076433.D

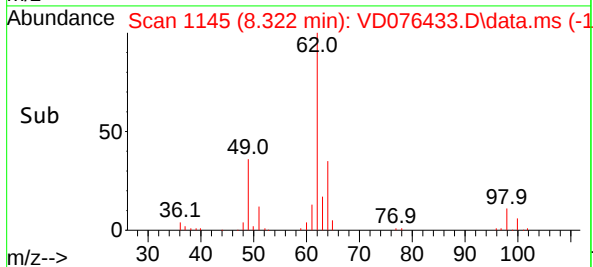
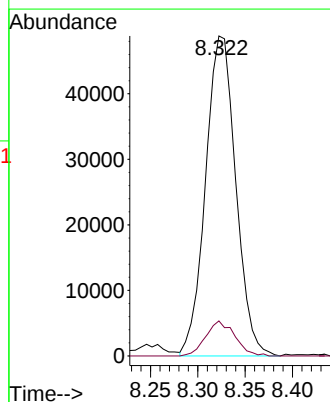
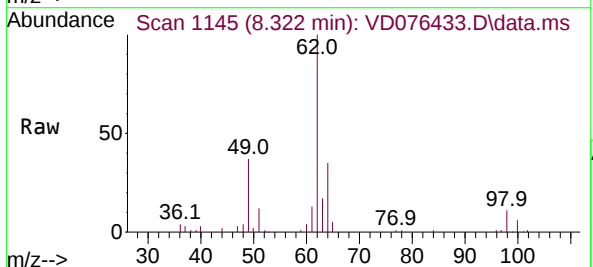
Acq: 15 Jun 2023 11:39

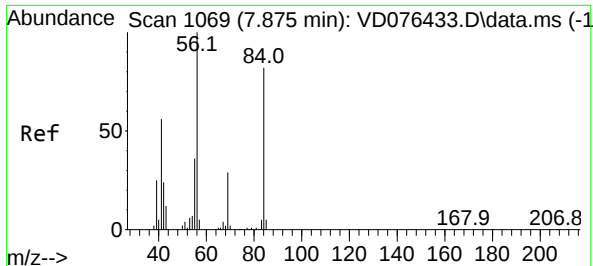
Tgt Ion: 62 Resp: 108652

Ion Ratio Lower Upper

62 100

98 10.9 8.7 13.1





#29

Cyclohexane

Concen: 24.955 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

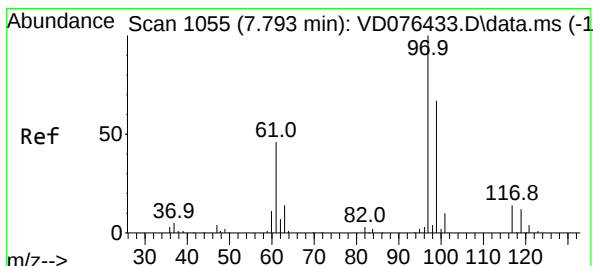
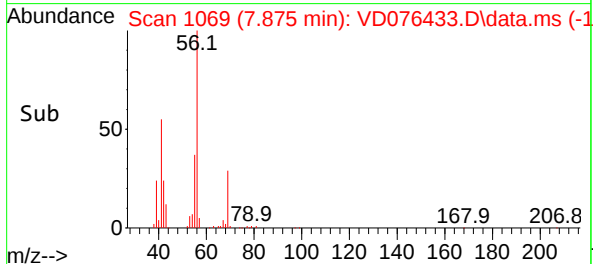
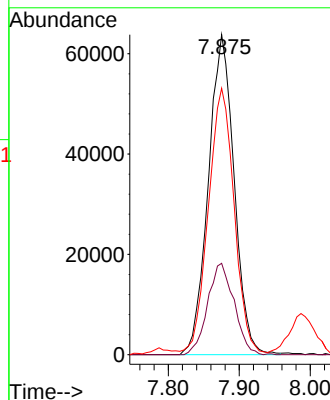
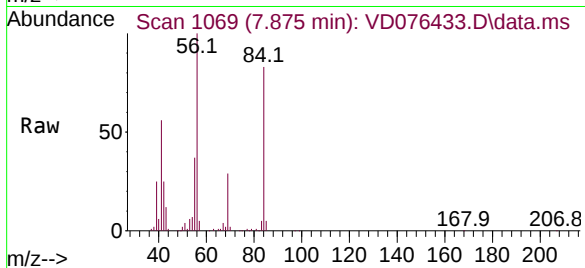
Tgt Ion: 56 Resp: 160953

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 82.9 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 25.375 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

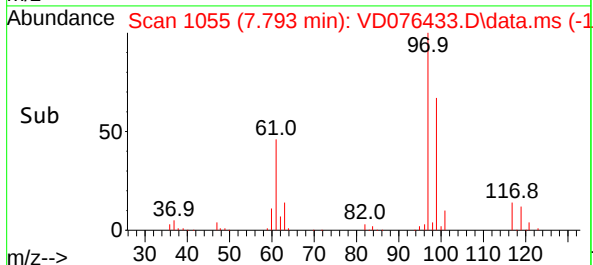
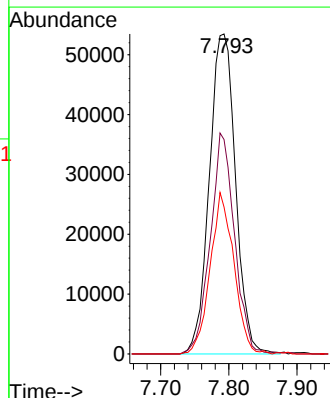
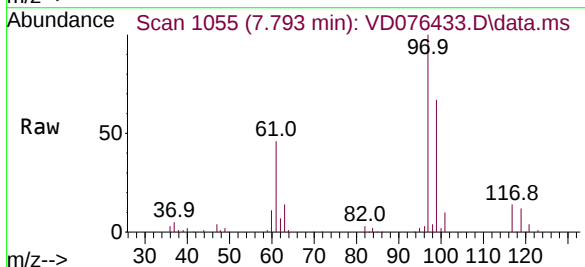
Tgt Ion: 97 Resp: 142977

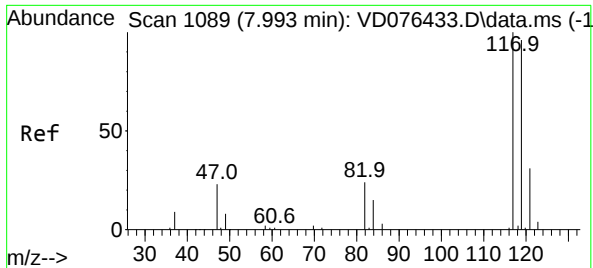
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 45.5 36.4 54.6

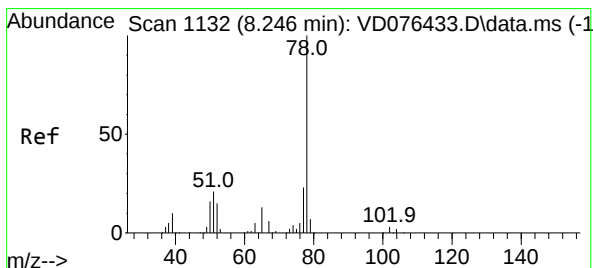
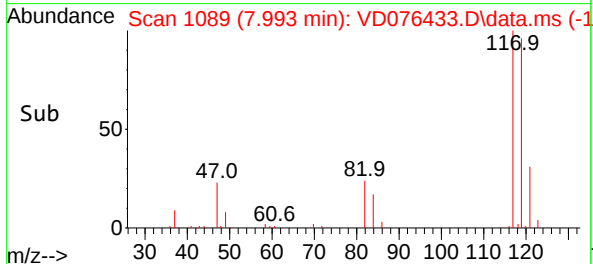
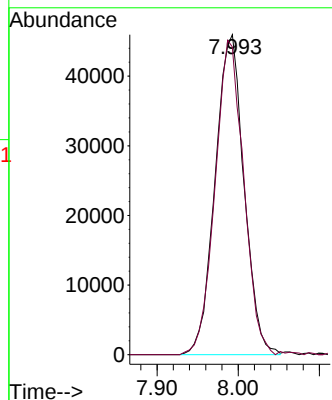
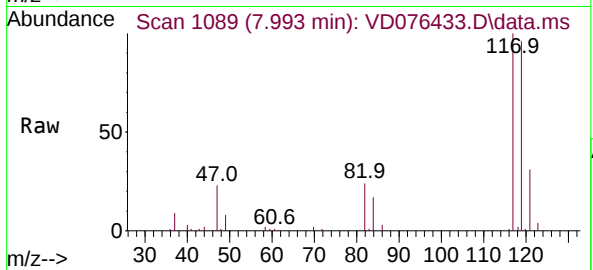




#31
Carbon tetrachloride
Concen: 25.210 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

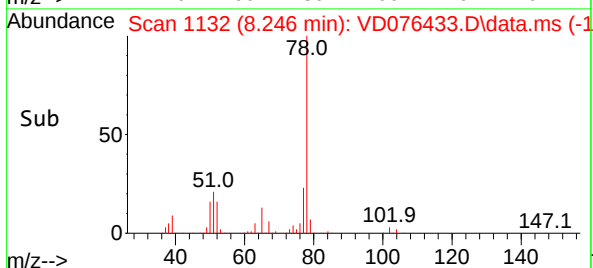
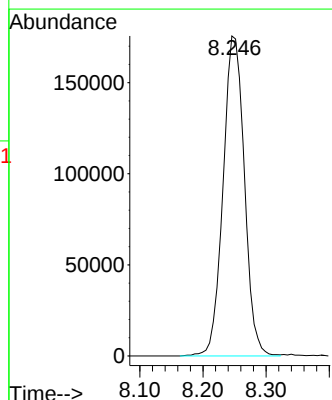
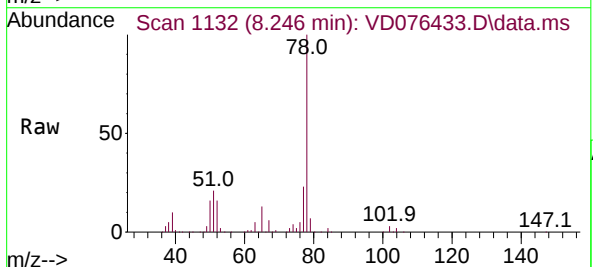
Instrument :
MSVOA_D
ClientSampleId :

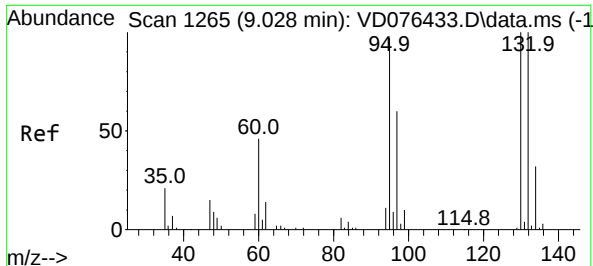
Tgt Ion:117 Resp: 113602
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6



#33
Benzene
Concen: 25.689 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 78 Resp: 412367





#34

Trichloroethene

Concen: 25.140 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 103664

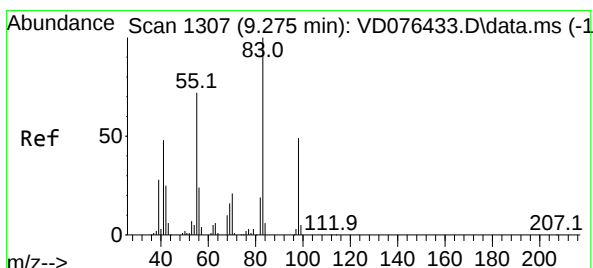
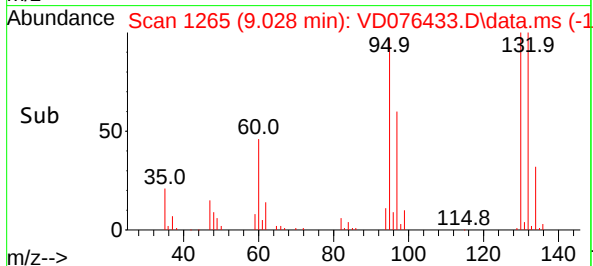
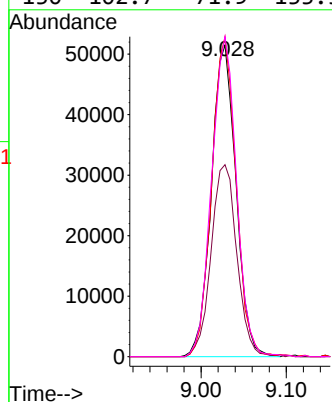
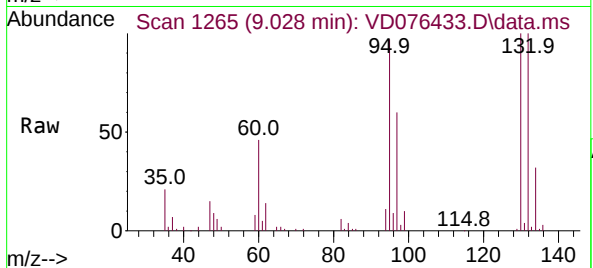
Ion Ratio Lower Upper

95 100

97 61.6 43.1 80.1

132 102.6 71.8 133.4

130 102.7 71.9 133.5



#35

Methylcyclohexane

Concen: 25.355 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

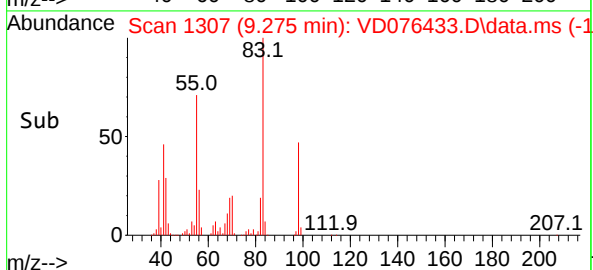
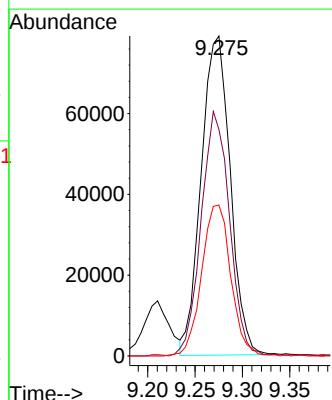
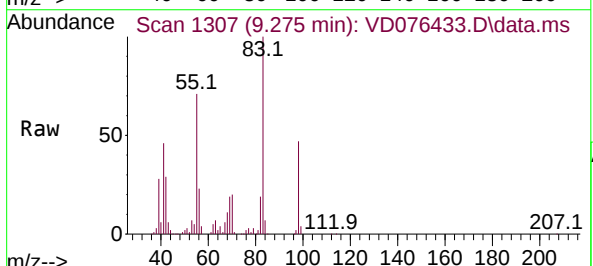
Tgt Ion: 83 Resp: 168600

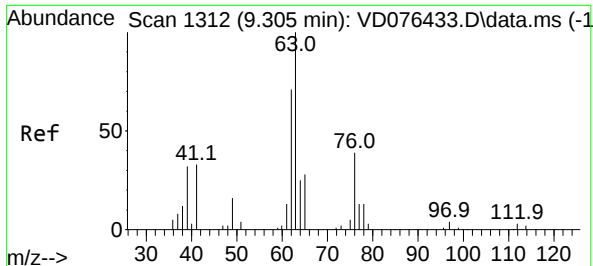
Ion Ratio Lower Upper

83 100

55 74.7 59.8 89.6

98 47.2 37.8 56.6





#37

1,2-Dichloropropane

Concen: 24.461 ug/L

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

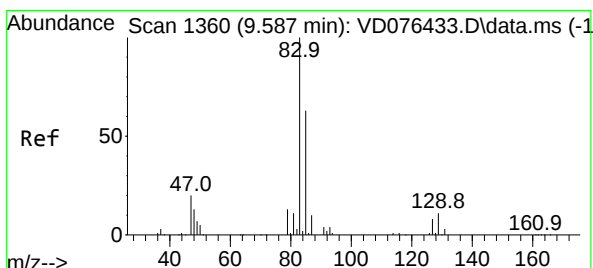
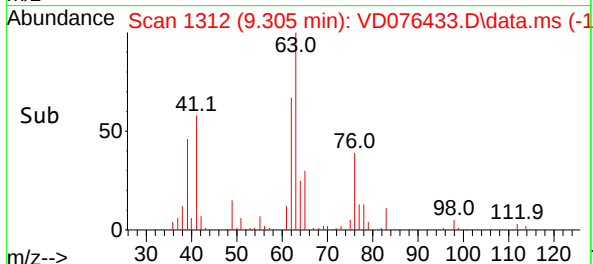
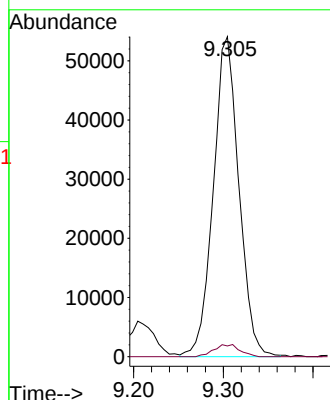
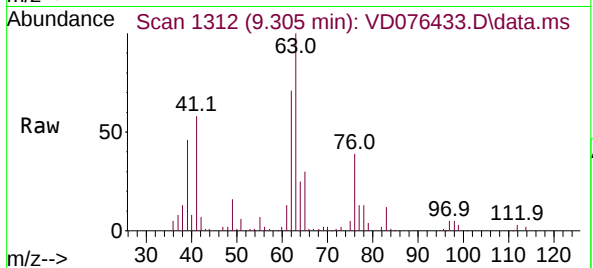
ClientSampleId :

Tgt Ion: 63 Resp: 107051

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 26.147 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

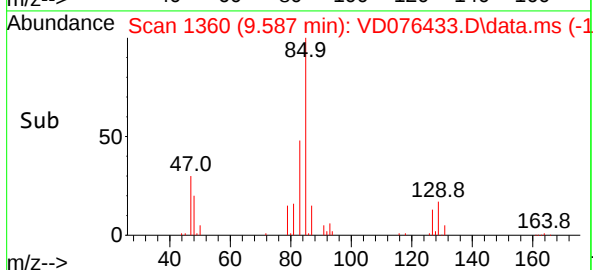
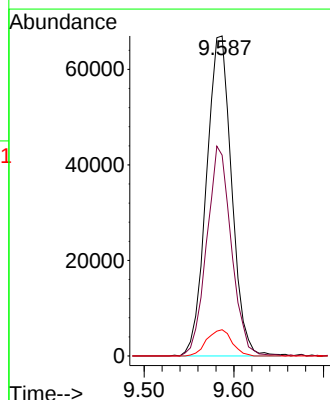
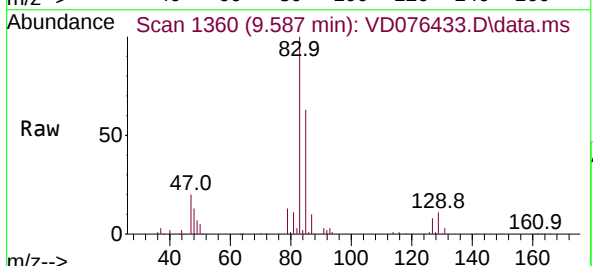
Tgt Ion: 83 Resp: 130514

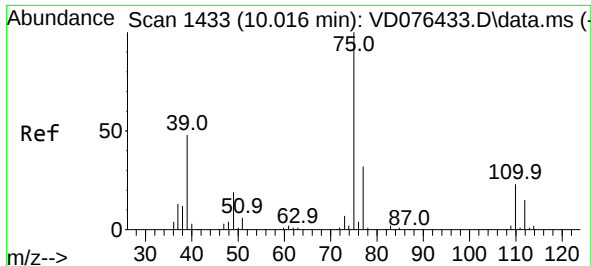
Ion Ratio Lower Upper

83 100

85 62.7 43.9 81.5

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 25.341 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

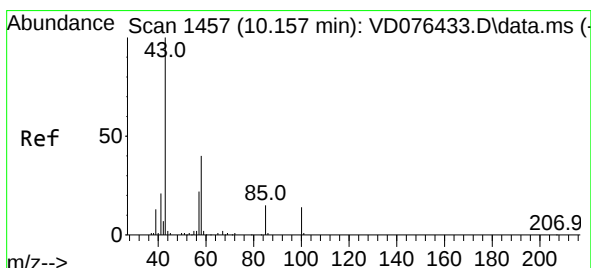
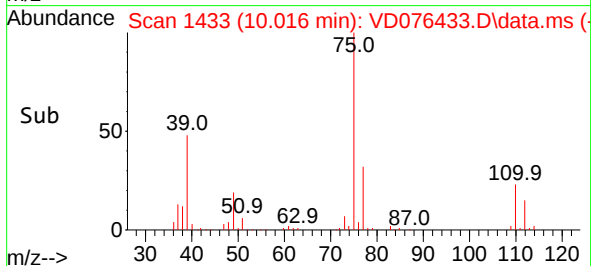
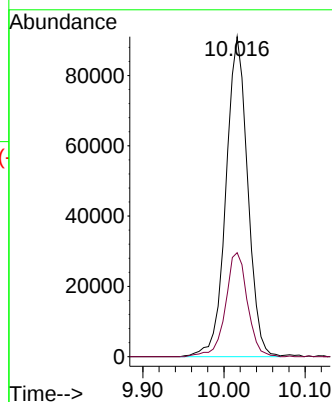
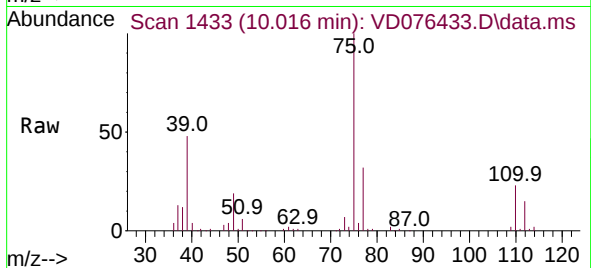
ClientSampleId :

Tgt Ion: 75 Resp: 169344

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 49.743 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

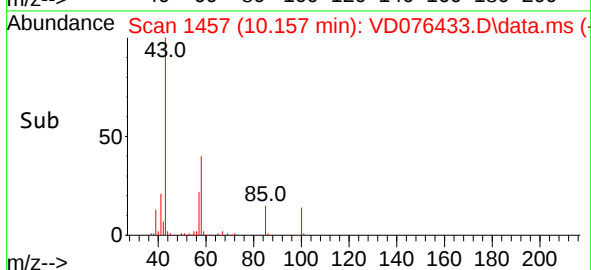
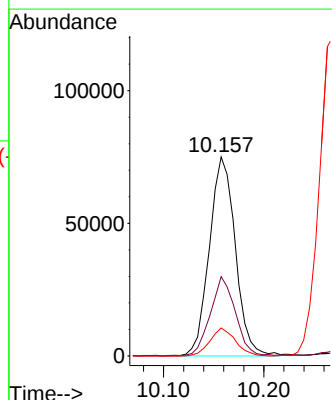
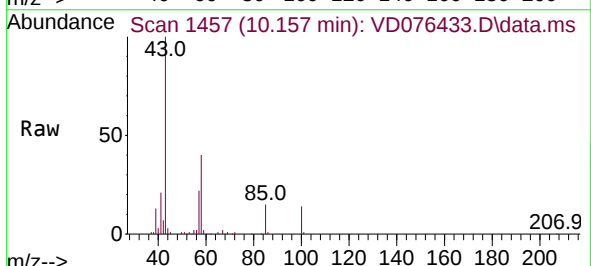
Tgt Ion: 43 Resp: 135425

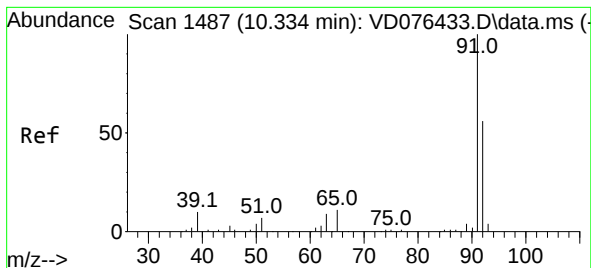
Ion Ratio Lower Upper

43 100

58 38.4 30.7 46.1

100 13.7 11.0 16.4





#42

Toluene

Concen: 25.425 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

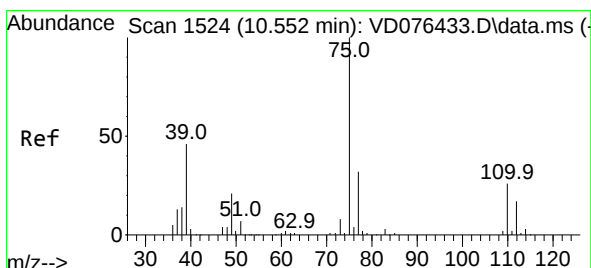
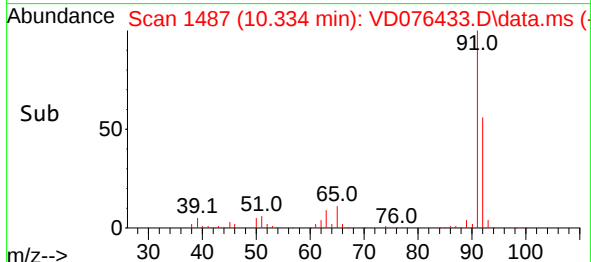
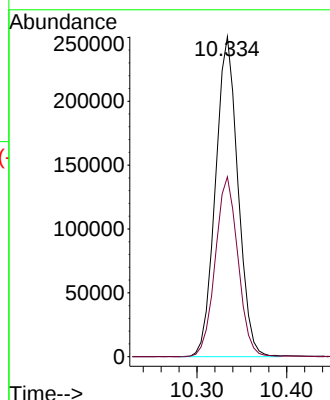
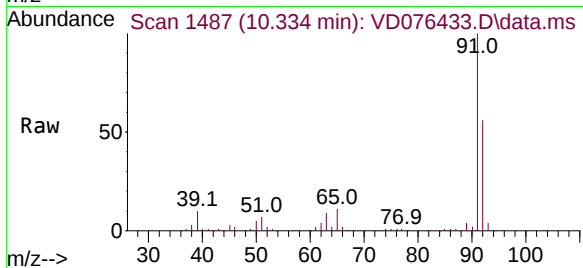
ClientSampleId :

Tgt Ion: 91 Resp: 436138

Ion Ratio Lower Upper

91 100

92 56.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.644 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD076433.D

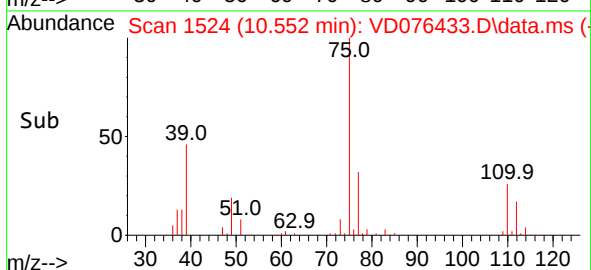
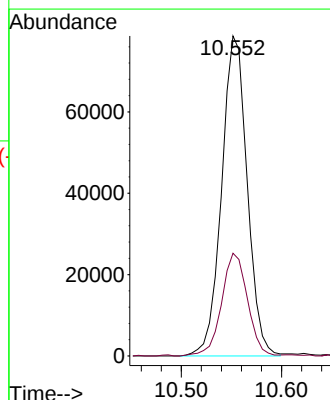
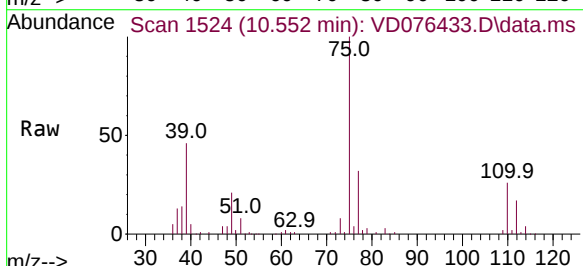
Acq: 15 Jun 2023 11:39

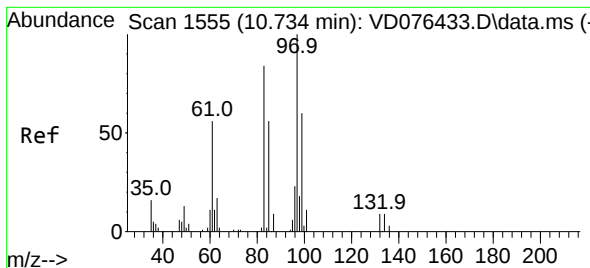
Tgt Ion: 75 Resp: 139296

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 25.381 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 76189

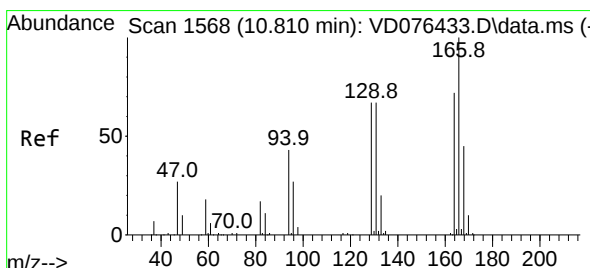
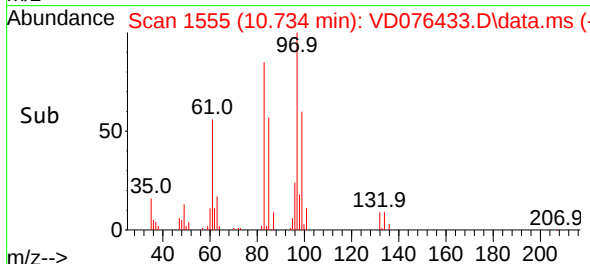
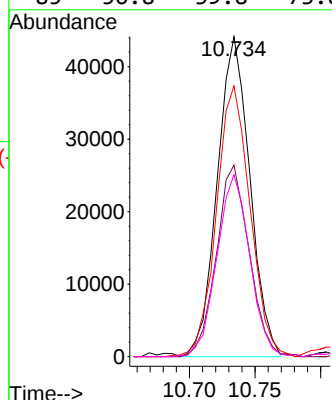
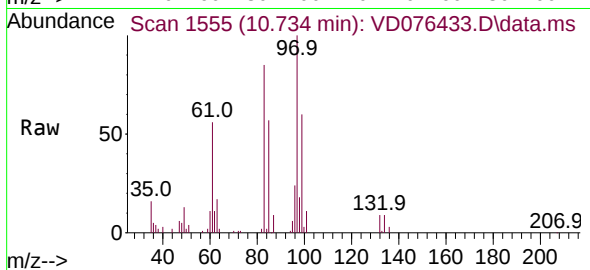
Ion Ratio Lower Upper

97 100

99 59.9 41.9 77.9

83 84.6 59.2 110.0

85 56.8 39.8 73.8



#46

Tetrachloroethene

Concen: 24.218 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Tgt Ion:164 Resp: 78507

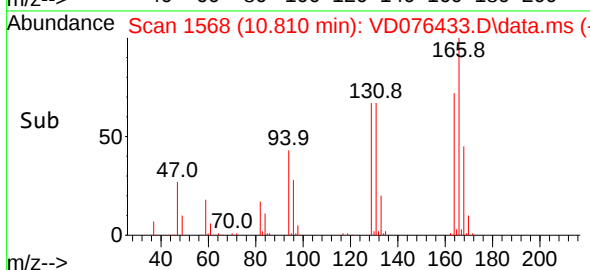
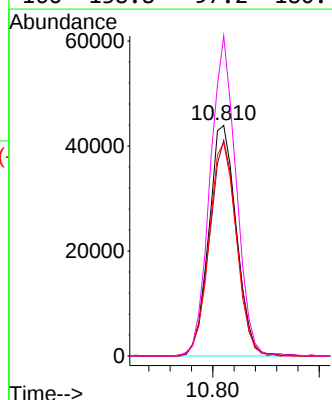
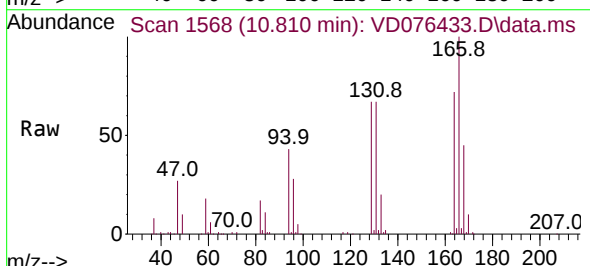
Ion Ratio Lower Upper

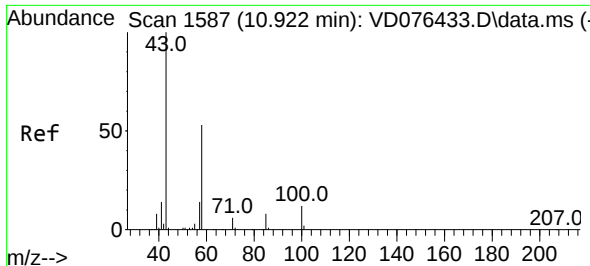
164 100

129 93.5 65.5 121.6

131 92.5 64.8 120.3

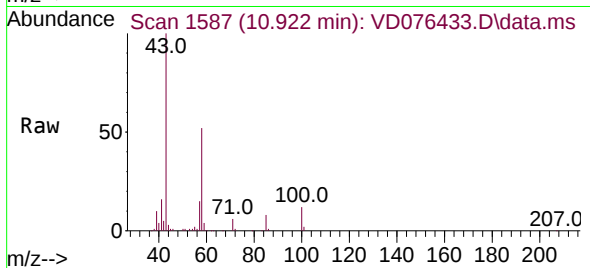
166 138.8 97.2 180.4



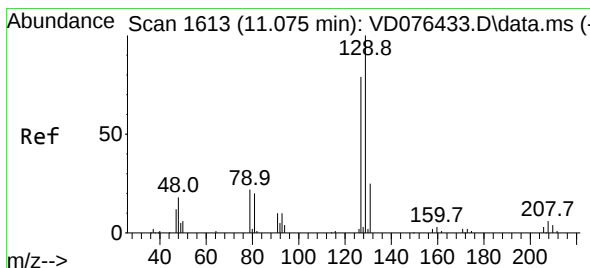
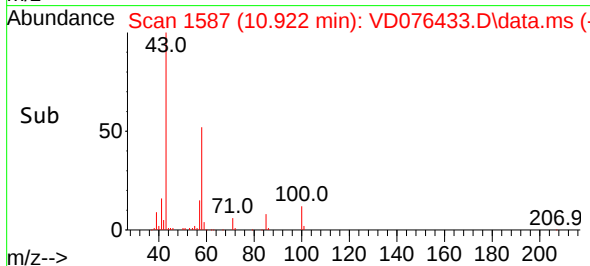
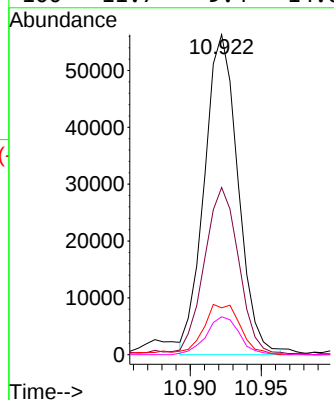


#48
2-Hexanone
Concen: 49.845 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :

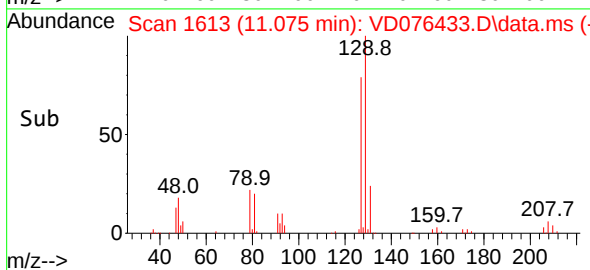
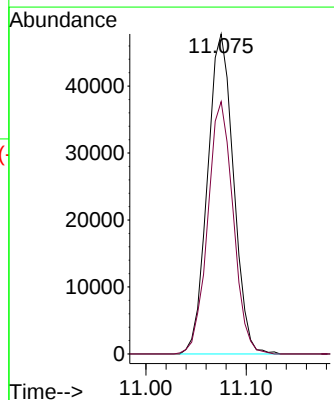
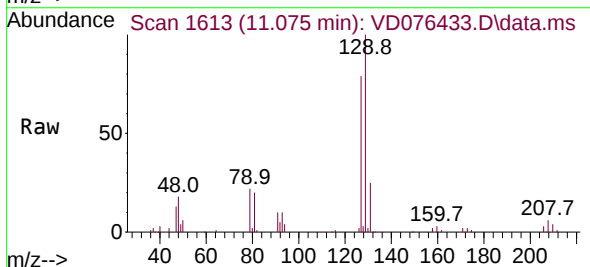


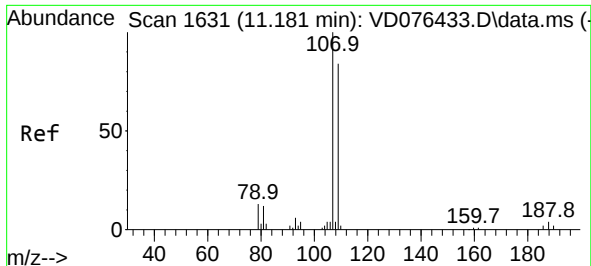
Tgt Ion: 43	Resp: 92940
Ion Ratio	Lower Upper
43 100	
58 53.6	42.9 64.3
57 17.1	13.7 20.5
100 11.7	9.4 14.0



#49
Dibromochloromethane
Concen: 25.286 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion:129	Resp:	86262	
Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.2	102.6

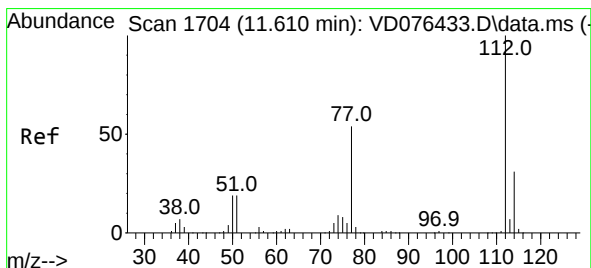
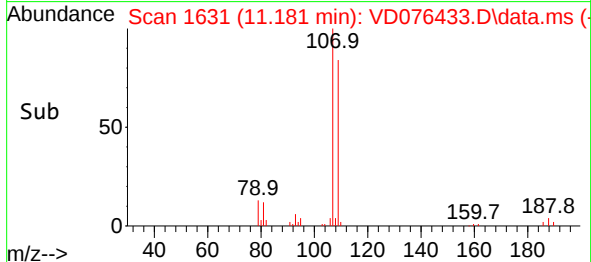
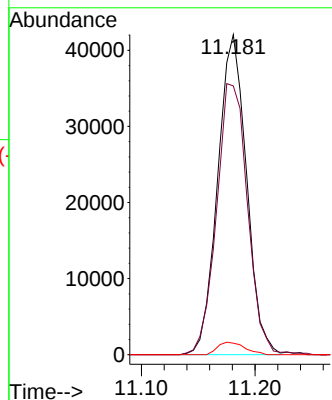
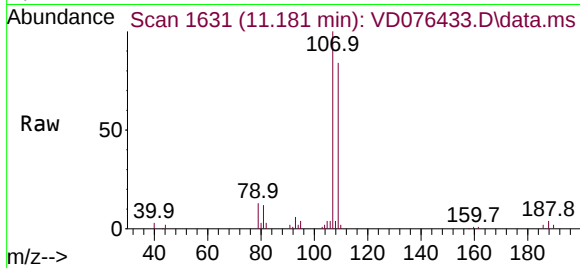




#50
1,2-Dibromoethane
Concen: 25.425 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

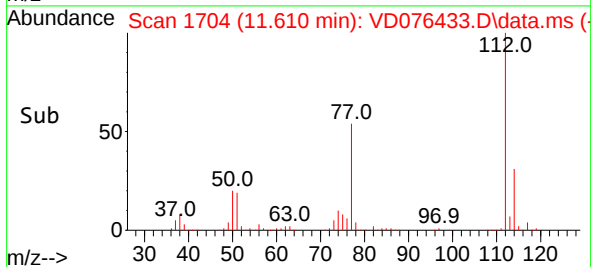
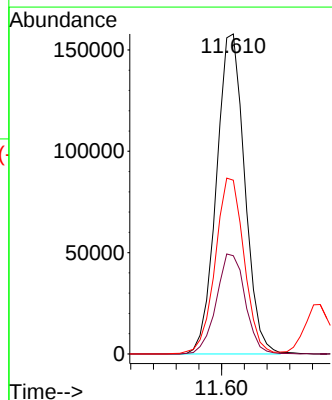
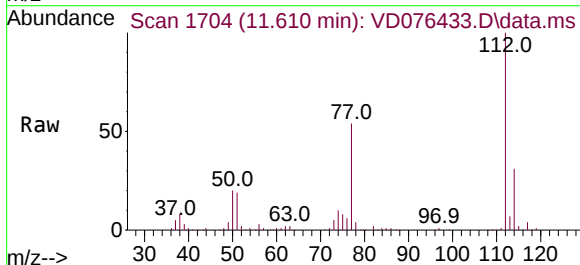
Instrument :
MSVOA_D
ClientSampleId :

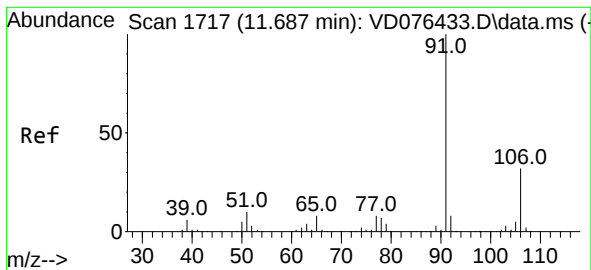
Tgt Ion:107 Resp: 74077
Ion Ratio Lower Upper
107 100
109 84.0 58.8 109.2
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 25.464 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion:112 Resp: 272711
Ion Ratio Lower Upper
112 100
114 30.7 21.5 39.9
77 54.3 43.4 65.2

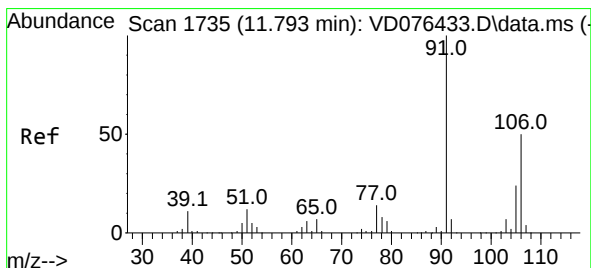
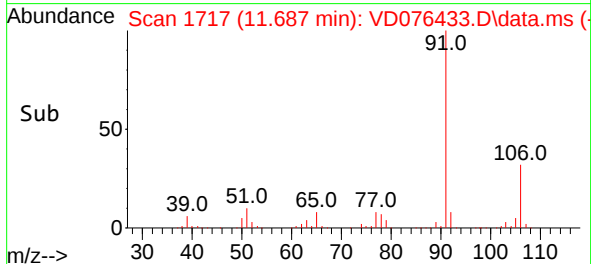
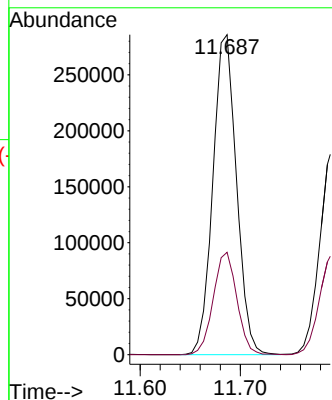
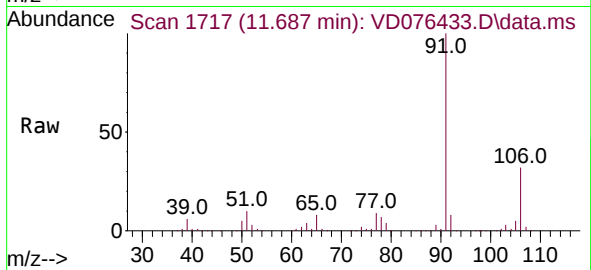




#52
Ethylbenzene
Concen: 25.325 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

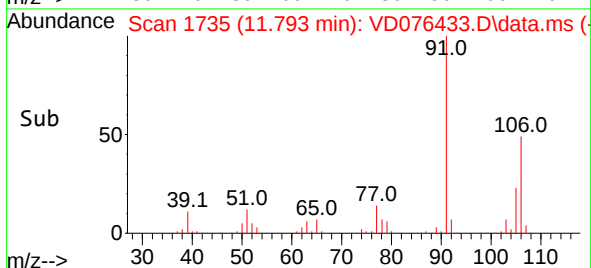
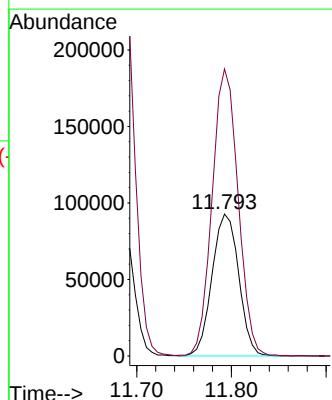
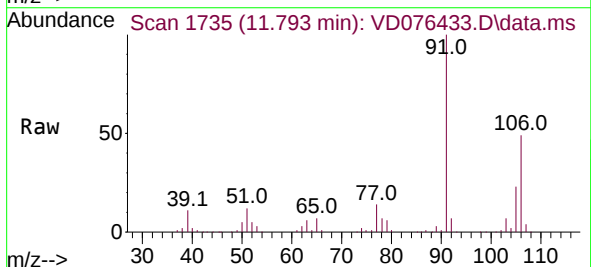
Instrument :
MSVOA_D
ClientSampleId :

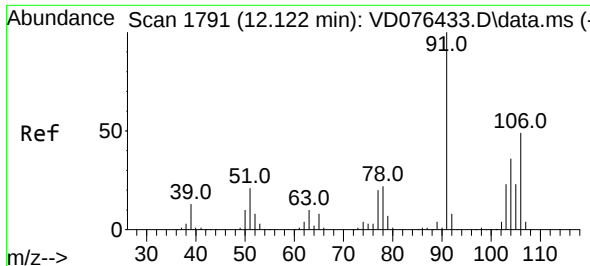
Tgt Ion: 91 Resp: 468239
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 24.963 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 106 Resp: 181386
Ion Ratio Lower Upper
106 100
91 202.2 141.5 262.9

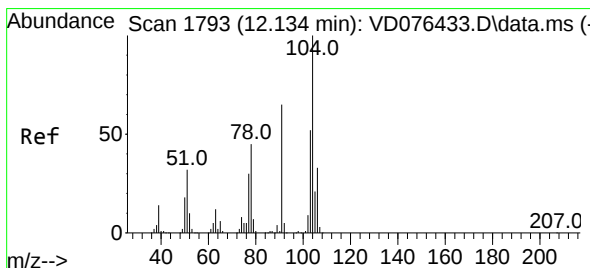
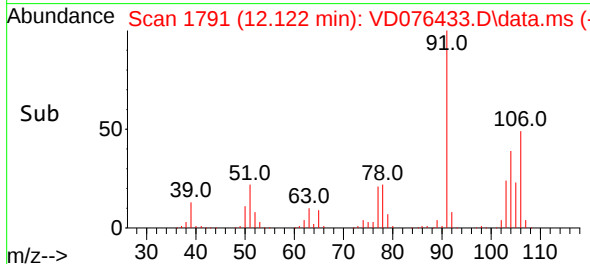
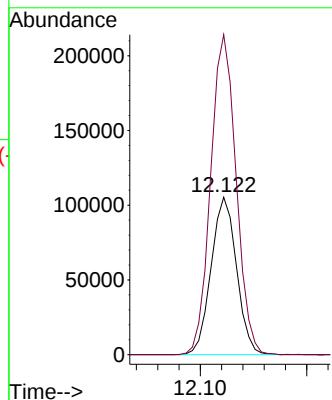
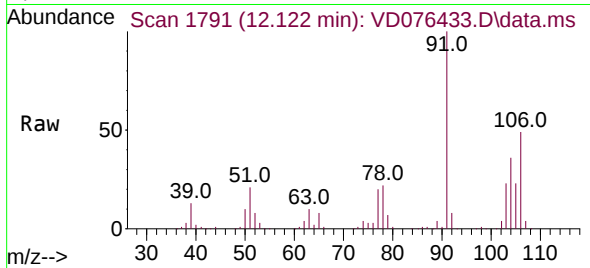




#54
o-Xylene
Concen: 25.217 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

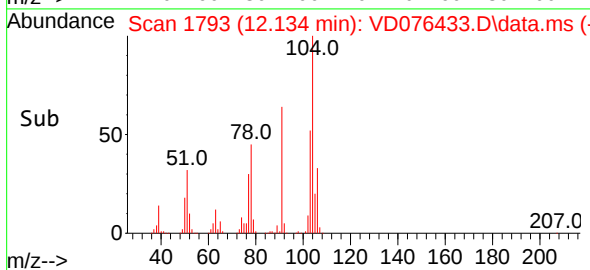
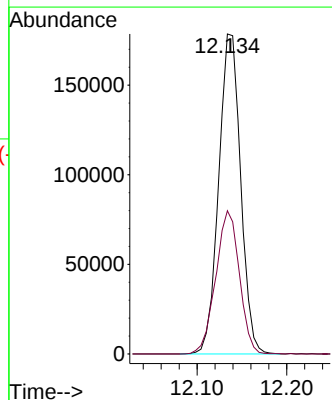
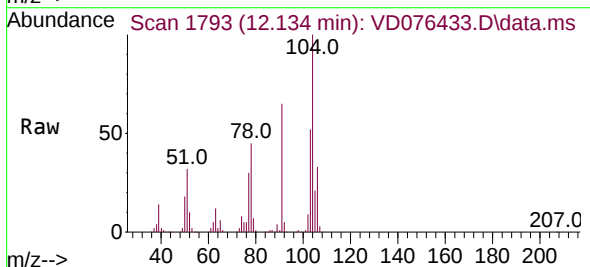
Instrument :
MSVOA_D
ClientSampleId :

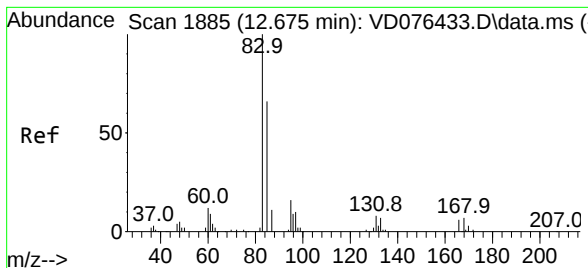
Tgt Ion:106 Resp: 174463
Ion Ratio Lower Upper
106 100
91 203.2 142.2 264.2



#55
Styrene
Concen: 25.388 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion:104 Resp: 303456
Ion Ratio Lower Upper
104 100
78 44.7 31.3 58.1

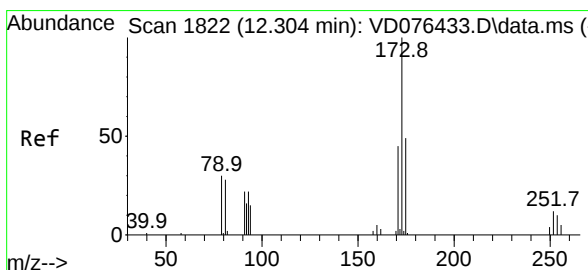
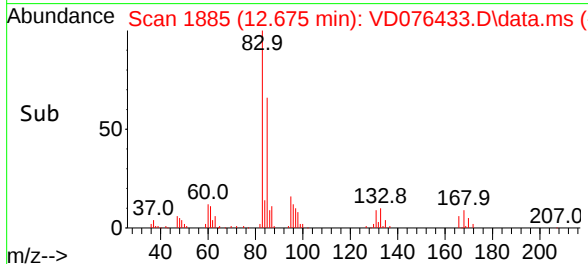
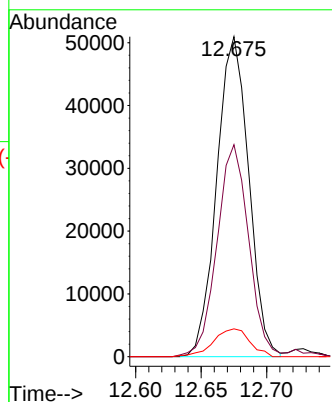
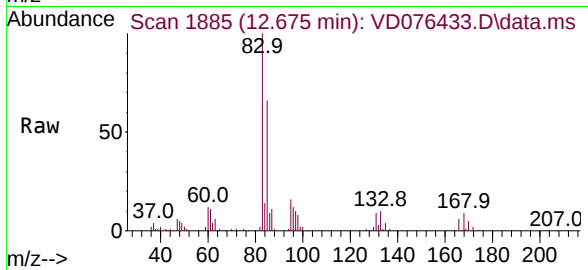




#57
 1,1,2,2-Tetrachloroethane
 Concen: 25.191 ug/L
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

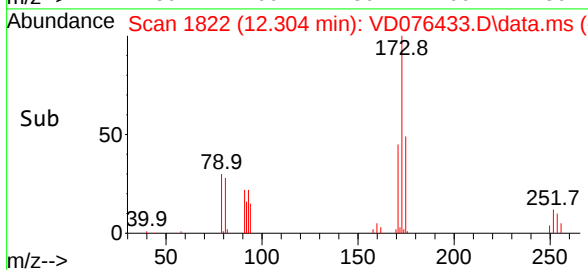
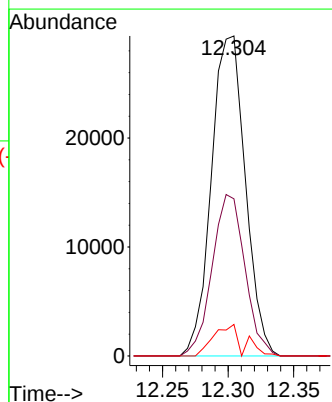
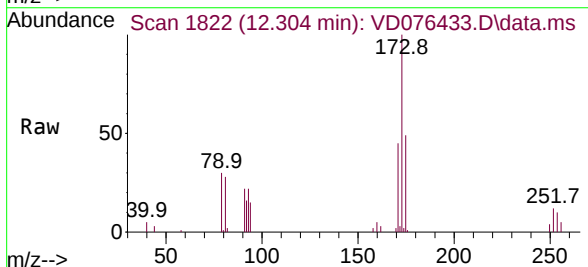
Instrument :
 MSVOA_D
 ClientSampleId :

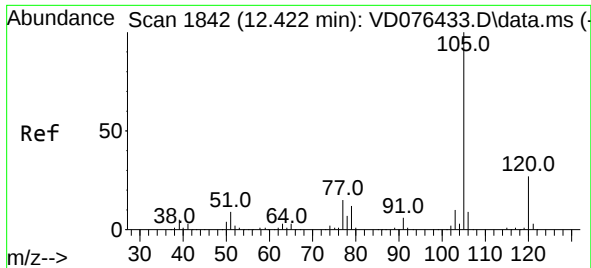
Tgt Ion: 83 Resp: 86421
 Ion Ratio Lower Upper
 83 100
 85 66.2 46.3 86.1
 131 8.7 7.0 10.4



#59
 Bromoform
 Concen: 25.207 ug/L
 RT: 12.304 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

Tgt Ion: 173 Resp: 52944
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.4
 254 6.6 5.3 7.9

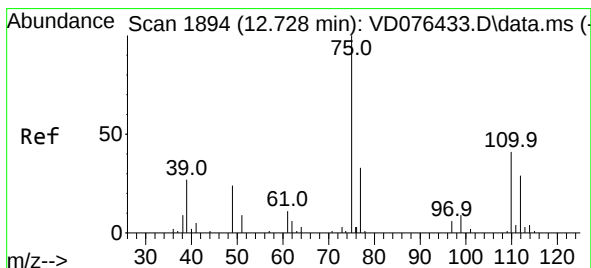
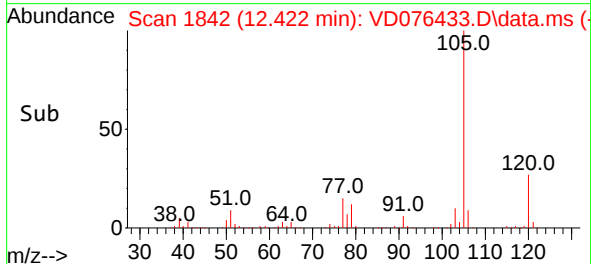
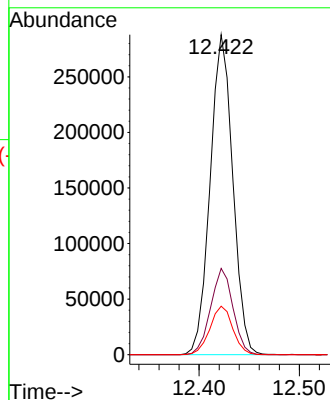
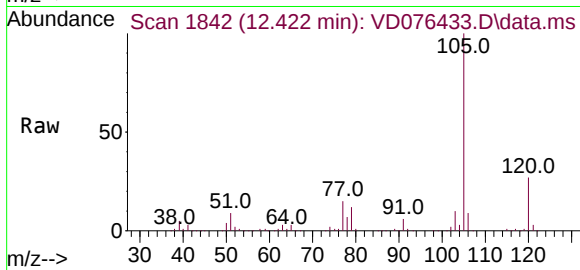




#60
Isopropylbenzene
Concen: 25.157 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

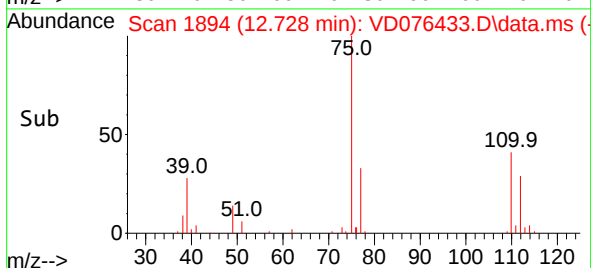
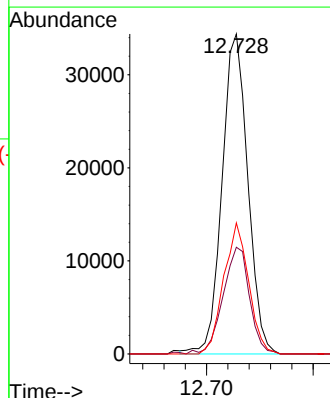
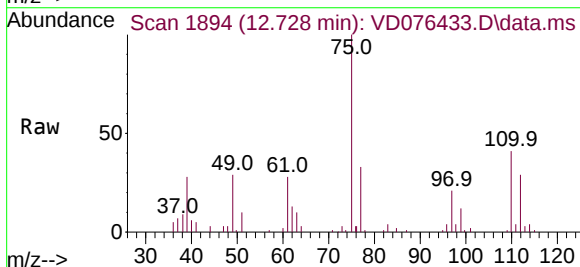
Instrument :
MSVOA_D
ClientSampleId :

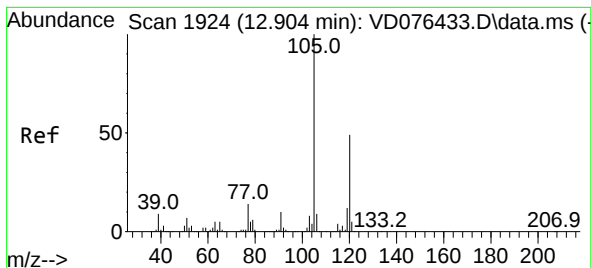
Tgt Ion:105 Resp: 451479
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 25.313 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion: 75 Resp: 57639
Ion Ratio Lower Upper
75 100
77 34.0 27.2 40.8
110 39.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 25.374 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076433.D

Acq: 15 Jun 2023 11:39

Instrument :

MSVOA_D

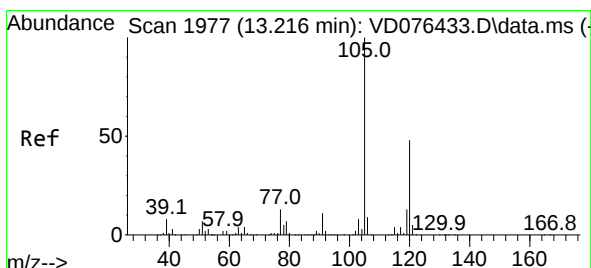
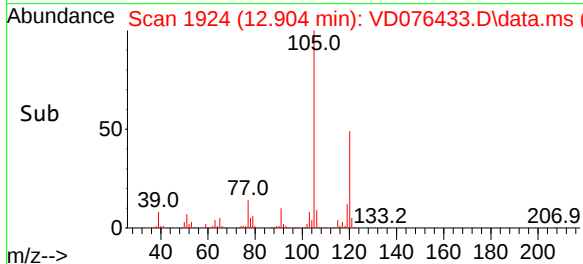
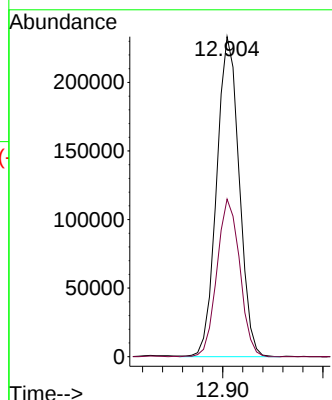
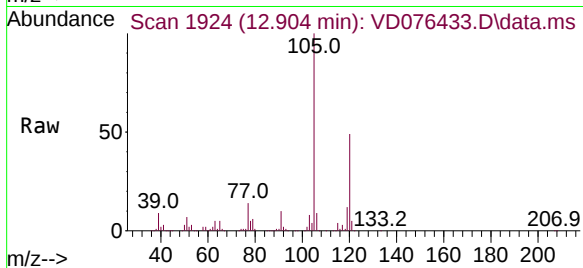
ClientSampleId :

Tgt Ion:105 Resp: 364324

Ion Ratio Lower Upper

105 100

120 49.7 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 25.005 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD076433.D

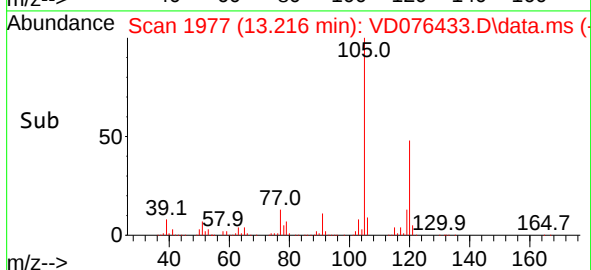
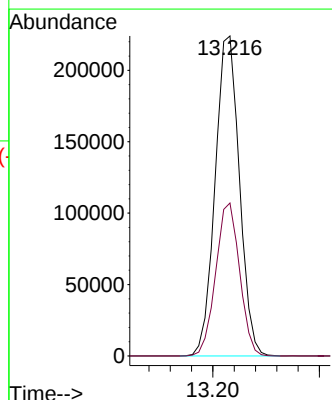
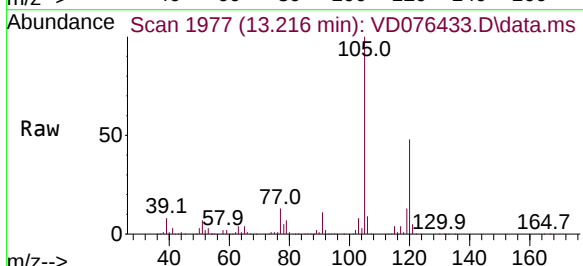
Acq: 15 Jun 2023 11:39

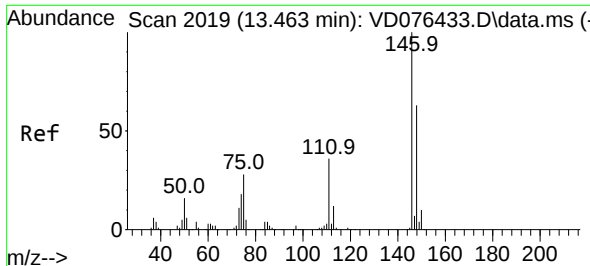
Tgt Ion:105 Resp: 354287

Ion Ratio Lower Upper

105 100

120 46.9 37.5 56.3

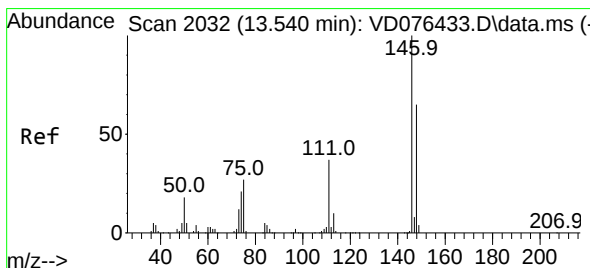
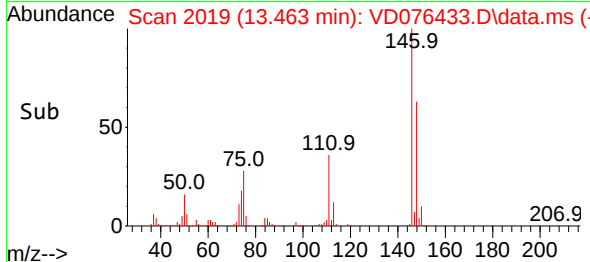
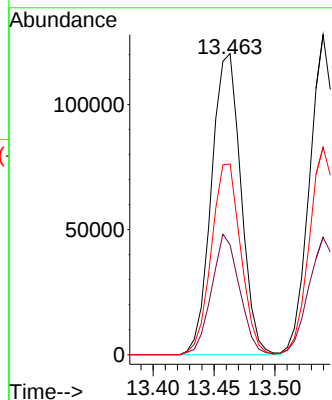
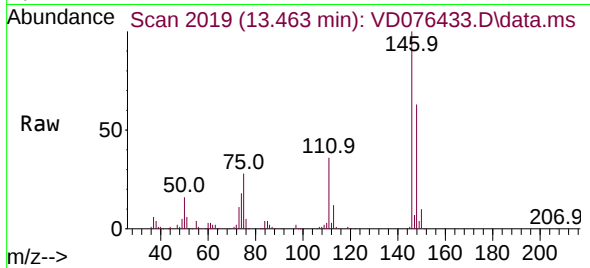




#64
1,3-Dichlorobenzene
Concen: 25.355 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

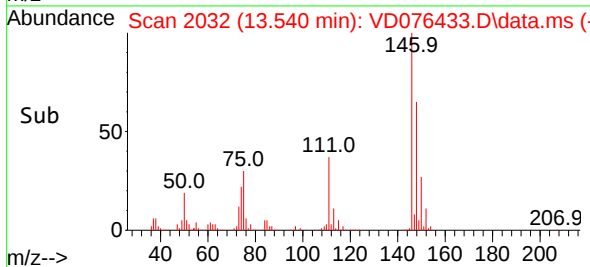
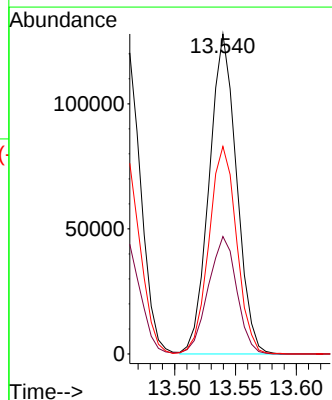
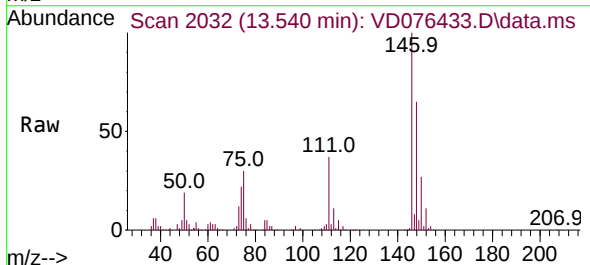
Instrument :
MSVOA_D
ClientSampleId :

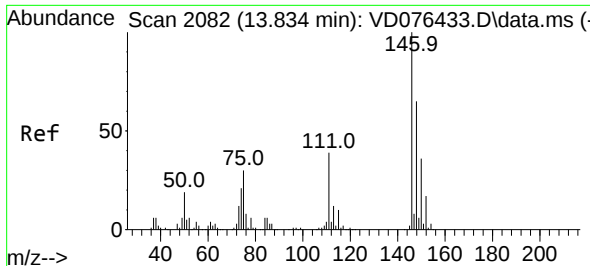
Tgt Ion:146 Resp: 202435
Ion Ratio Lower Upper
146 100
111 36.5 25.6 47.4
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.876 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion:146 Resp: 200202
Ion Ratio Lower Upper
146 100
111 36.7 25.7 47.7
148 64.8 45.4 84.2

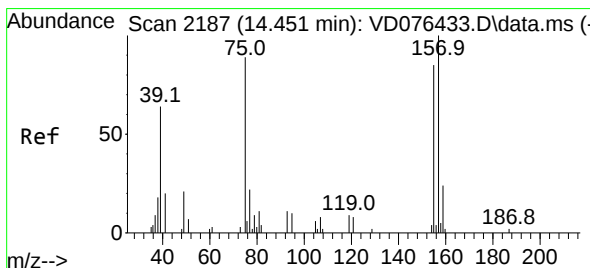
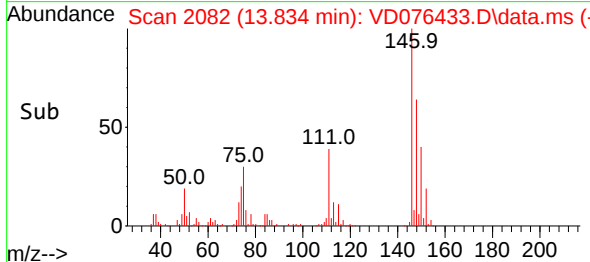
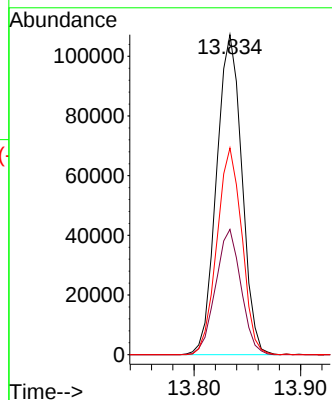
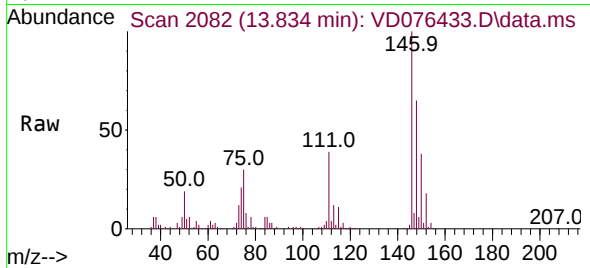




#67
1,2-Dichlorobenzene
Concen: 24.947 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

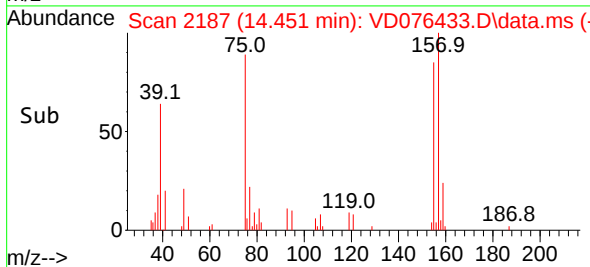
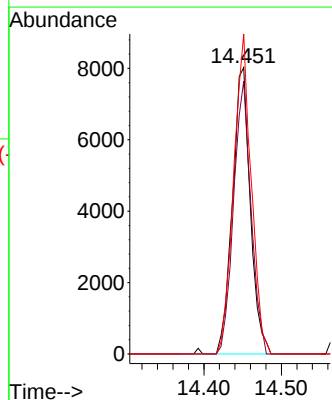
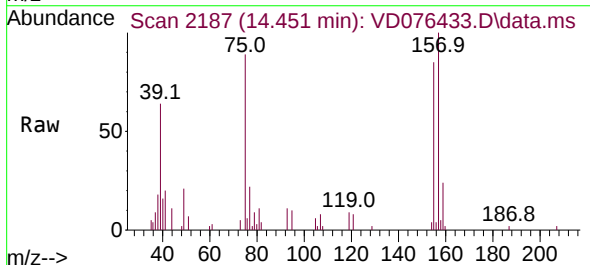
Instrument :
MSVOA_D
ClientSampleId :

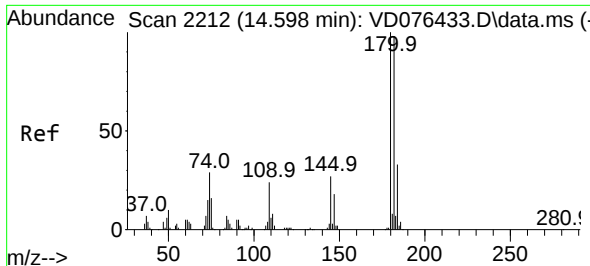
Tgt Ion:146 Resp: 177435
Ion Ratio Lower Upper
146 100
111 39.1 31.3 46.9
148 64.6 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.439 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

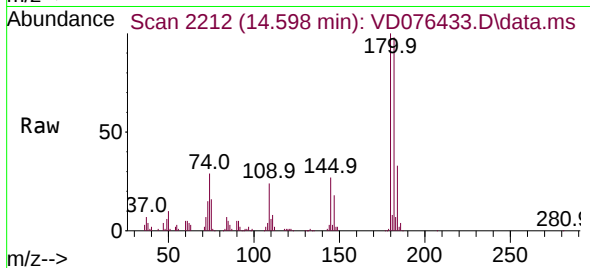
Tgt Ion: 75 Resp: 12898
Ion Ratio Lower Upper
75 100
155 95.3 76.2 114.4
157 111.8 89.4 134.2



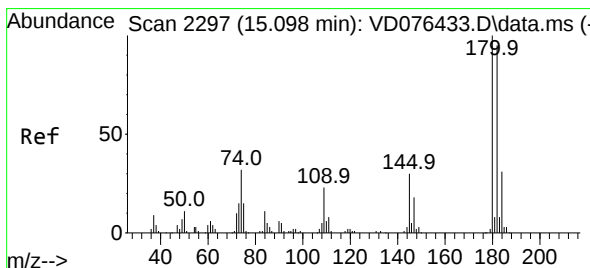
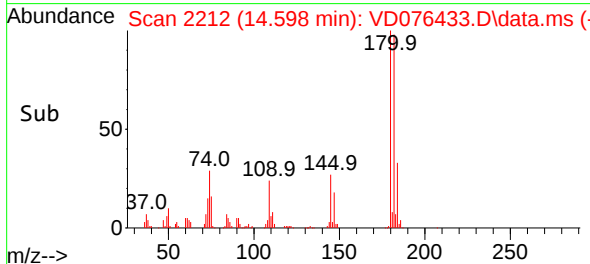
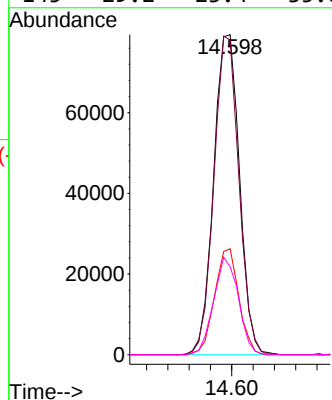


#69
 1,3,5-Trichlorobenzene
 Concen: 24.980 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

Instrument :
 MSVOA_D
 ClientSampleId :

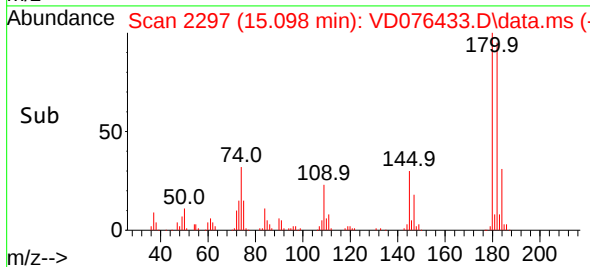
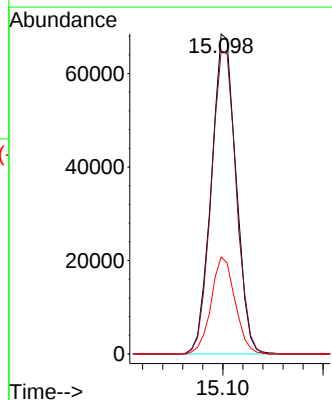
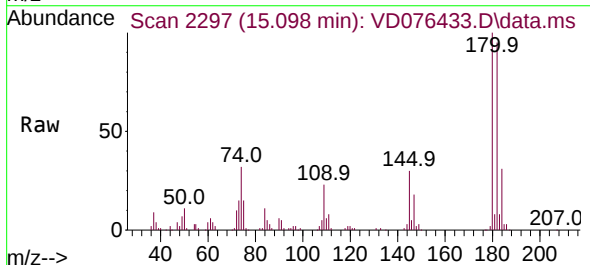


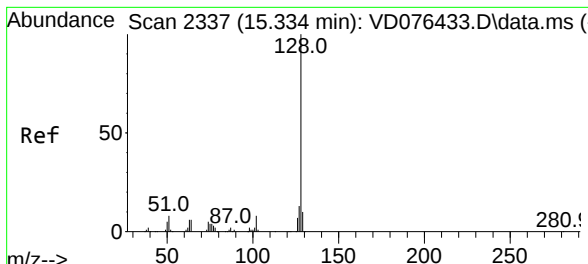
Tgt Ion:180 Resp: 133028
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 31.2 25.0 37.4
 145 29.2 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 24.670 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076433.D
 Acq: 15 Jun 2023 11:39

Tgt Ion:180 Resp: 116894
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.9 115.3
 145 29.4 23.5 35.3

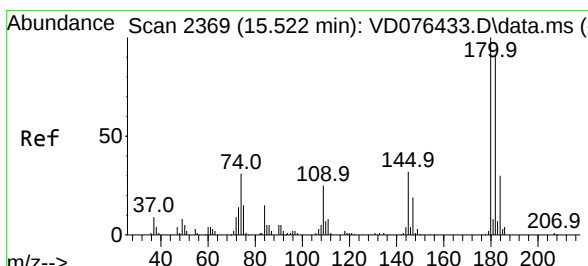
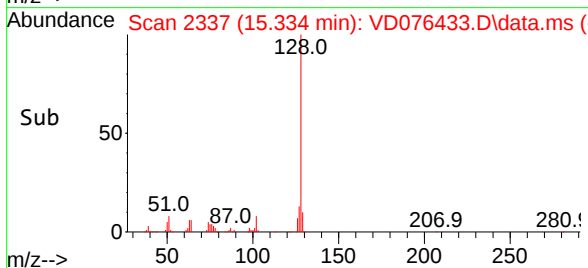
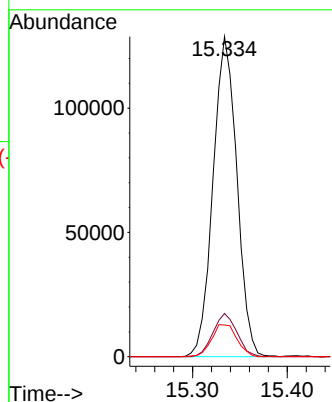
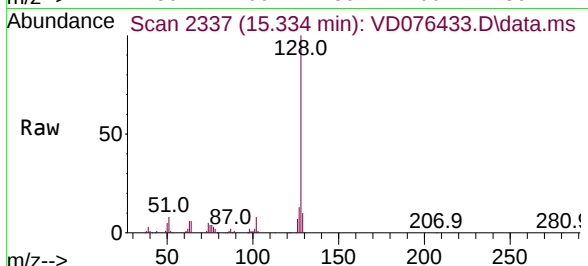




#71
Naphthalene
Concen: 24.838 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	225331
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.7	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.746 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076433.D
Acq: 15 Jun 2023 11:39

Tgt Ion:	180	Resp:	101822
Ion Ratio	Lower	Upper	
180	100		
182	92.9	74.3	111.5
145	31.3	25.0	37.6

