

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080128.D
 Acq On : 11 Dec 2024 14:39
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:43:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203705	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102871	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	79072	24.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.799	69	69594	24.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	3.916	65	27156	21.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.160%
21) 2-Butanone-d5	6.987	46	30466	42.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.060%
24) Chloroform-d	7.563	84	142461	25.329	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	8.228	65	70878	23.814	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.199	84	252097	22.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	9.210	67	83686	21.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	10.269	98	272709	25.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	10.522	79	35984	22.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.875	63	23384	40.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69576	21.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	76584	20.619	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.480%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	121456	32.346	ug/L	99
3) Chloromethane	2.152	50	96512	32.704	ug/L	95
5) Vinyl chloride	2.281	62	121069	29.673	ug/L	98
6) Bromomethane	2.687	94	77304	28.429	ug/L	88
8) Chloroethane	2.834	64	77855	28.624	ug/L	98
9) Trichlorofluoromethane	3.169	101	177867	29.873	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	86171	24.419	ug/L	98
12) 1,1-Dichloroethene	3.934	96	74003	24.024	ug/L	96
13) Acetone	4.022	43	54335	44.224	ug/L	99
14) Carbon disulfide	4.269	76	271138	27.132	ug/L	100
15) Methyl Acetate	4.563	43	36890	25.481	ug/L	99
16) Methylene chloride	4.793	84	89399	25.546	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	80883	25.935	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	166667	24.844	ug/L #	100
19) 1,1-Dichloroethane	6.110	63	161366	27.131	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	88362	26.365	ug/L	94
22) 2-Butanone	7.087	43	59193	48.727	ug/L	99
23) Bromochloromethane	7.428	128	48014	29.392	ug/L	92
25) Chloroform	7.593	83	191443	28.468	ug/L	96

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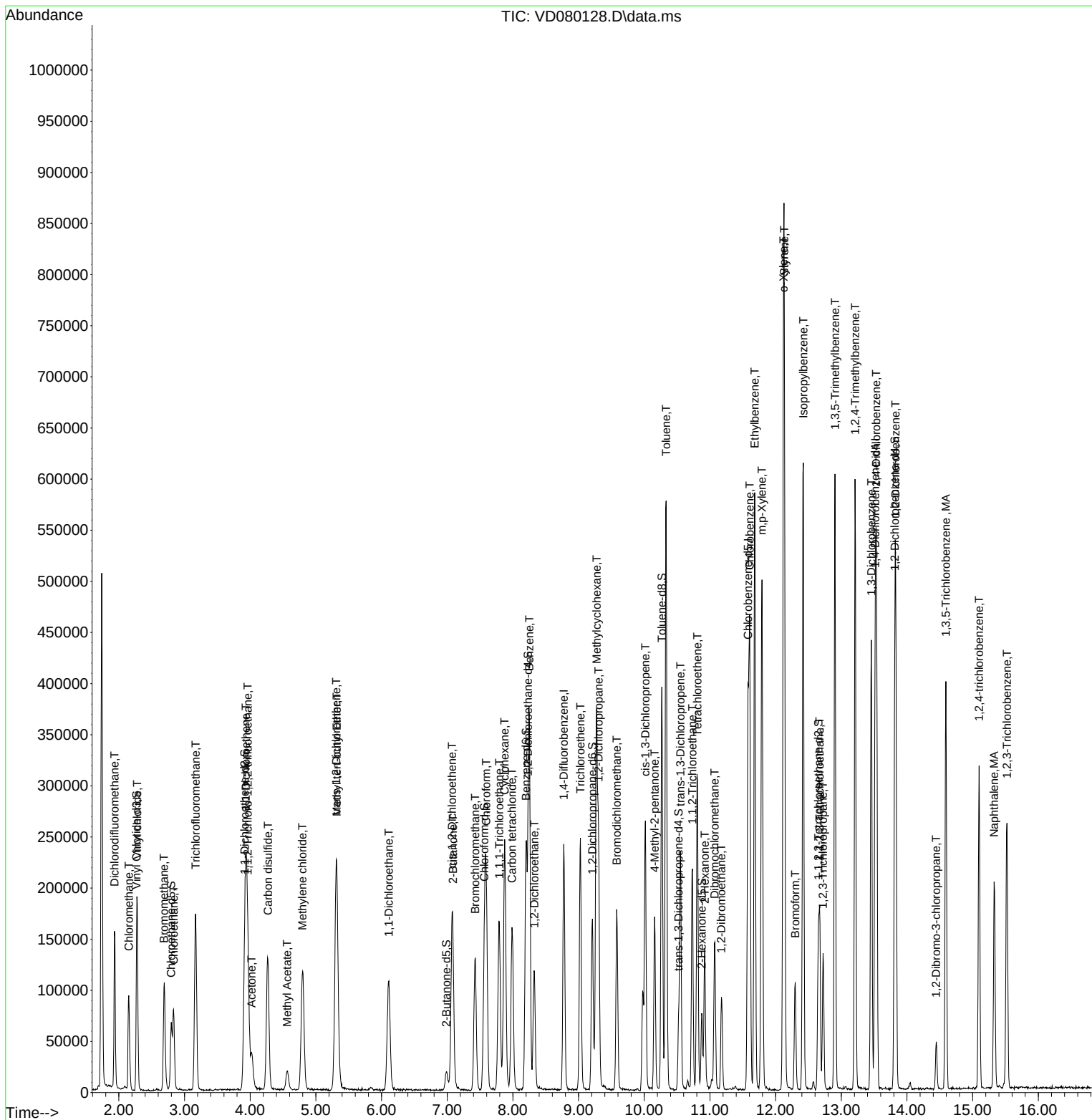
Instrument :
 MSVOA_D
 ClientSampleId :

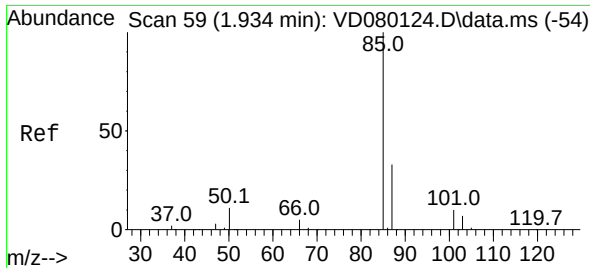
Quant Time: Dec 12 00:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:43:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	105223	27.360	ug/L	98
29) Cyclohexane	7.875	56	124522	27.405	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	137850	24.936	ug/L	98
31) Carbon tetrachloride	7.987	117	118942	25.958	ug/L	98
33) Benzene	8.252	78	351481	25.492	ug/L	100
34) Trichloroethene	9.028	95	87738	23.414	ug/L	95
35) Methylcyclohexane	9.275	83	138742	26.415	ug/L	98
37) 1,2-Dichloropropane	9.304	63	97564	24.697	ug/L	99
38) Bromodichloromethane	9.581	83	118668	23.825	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	158239	28.068	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	112150	51.344	ug/L	98
42) Toluene	10.334	91	440527	29.451	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	124418	26.791	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	69995	24.636	ug/L	98
46) Tetrachloroethene	10.810	164	69851	26.915	ug/L	95
48) 2-Hexanone	10.922	43	88911	49.832	ug/L	99
49) Dibromochloromethane	11.069	129	77273	25.054	ug/L	98
50) 1,2-Dibromoethane	11.175	107	59833	23.750	ug/L	96
51) Chlorobenzene	11.604	112	228170	25.486	ug/L	99
52) Ethylbenzene	11.681	91	396835	26.716	ug/L	97
53) m,p-Xylene	11.793	106	151634	26.701	ug/L	96
54) o-Xylene	12.122	106	145003	26.613	ug/L	97
55) Styrene	12.134	104	263846	26.754	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	81128	22.412	ug/L	96
59) Bromoform	12.298	173	46738	23.620	ug/L	99
60) Isopropylbenzene	12.422	105	386593	26.403	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54674	22.498	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	302963	24.818	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	302153	26.015	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	181238	25.447	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	189283	24.653	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	163498	23.773	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12079	23.610	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	122511	24.901	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	101607	25.835	ug/L	97
71) Naphthalene	15.328	128	173847	23.267	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	90193	22.787	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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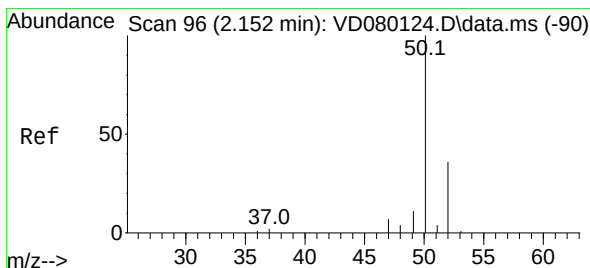
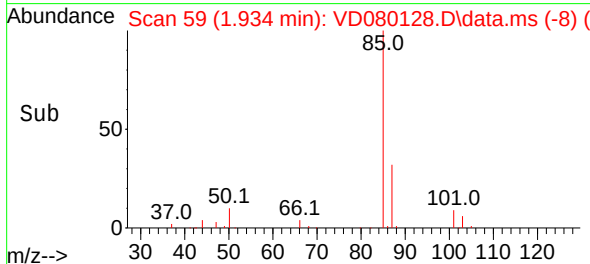
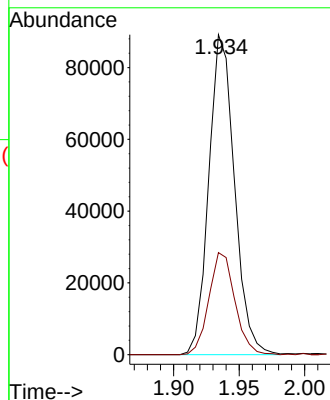
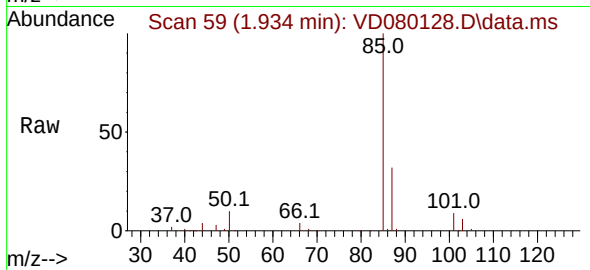




#2
Dichlorodifluoromethane
Concen: 32.346 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

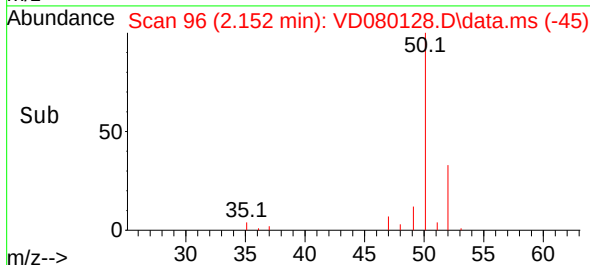
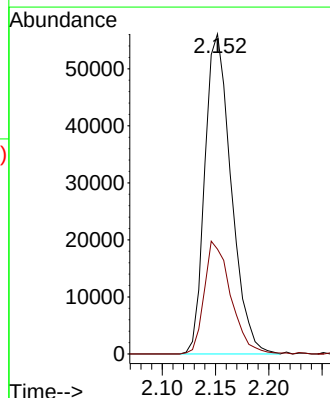
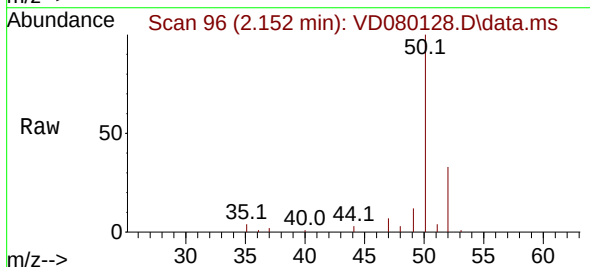
Instrument :
MSVOA_D
ClientSampleId :

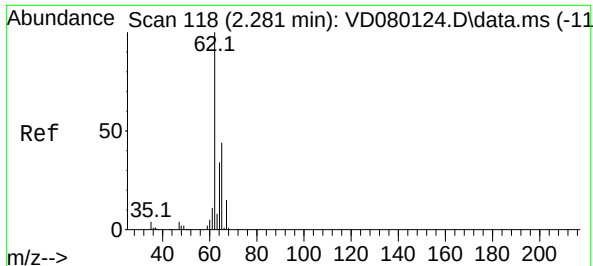
Tgt Ion: 85 Resp: 121456
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 32.704 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 50 Resp: 96512
Ion Ratio Lower Upper
50 100
52 32.8 25.1 46.7

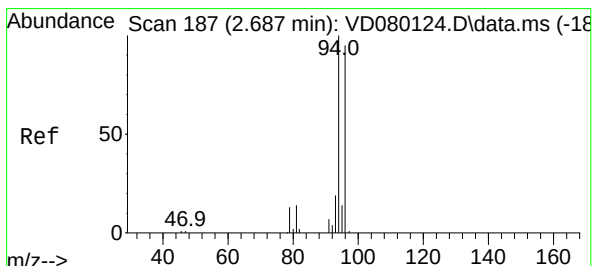
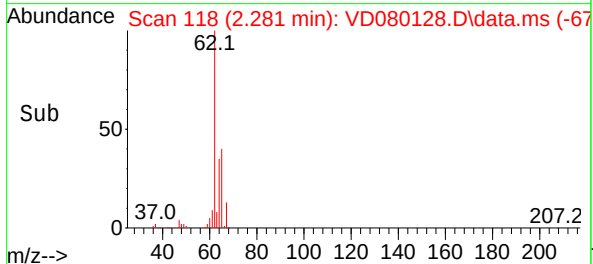
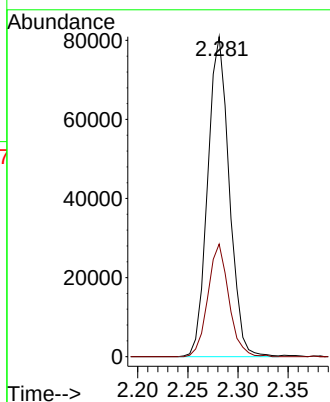
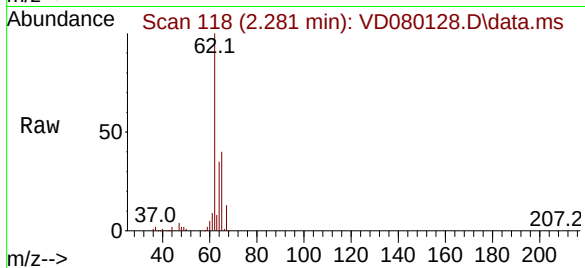




#5
 Vinyl chloride
 Concen: 29.673 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD080128.D
 Acq: 11 Dec 2024 14:39

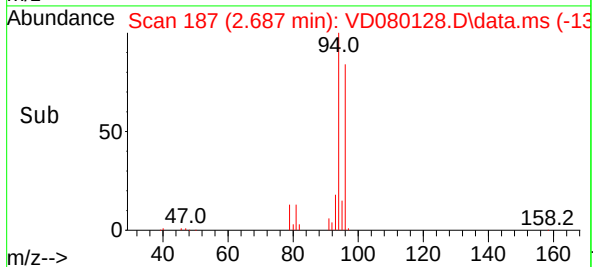
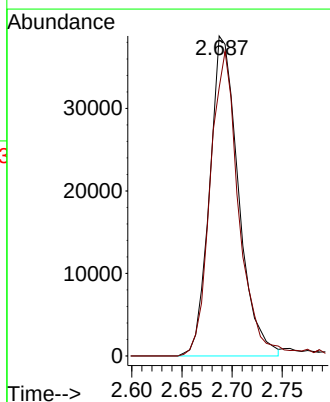
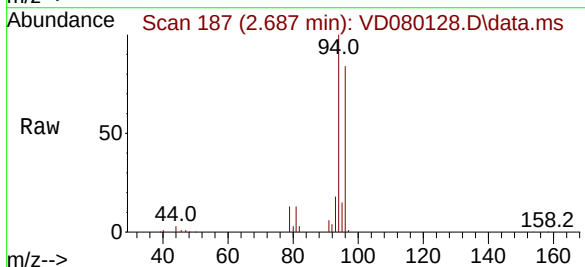
Instrument :
 MSVOA_D
 ClientSampleId :

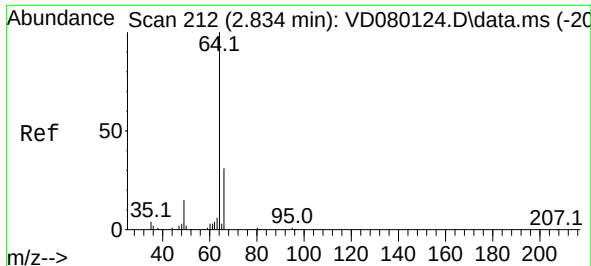
Tgt Ion: 62 Resp: 121069
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.0 44.6



#6
 Bromomethane
 Concen: 28.429 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD080128.D
 Acq: 11 Dec 2024 14:39

Tgt Ion: 94 Resp: 77304
 Ion Ratio Lower Upper
 94 100
 96 83.8 66.8 124.0

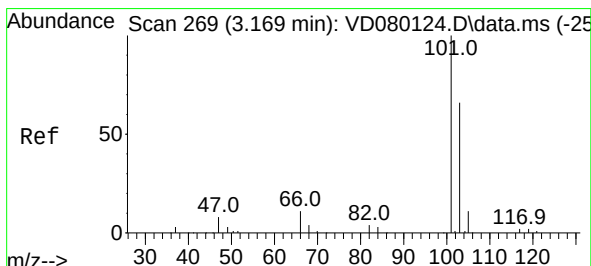
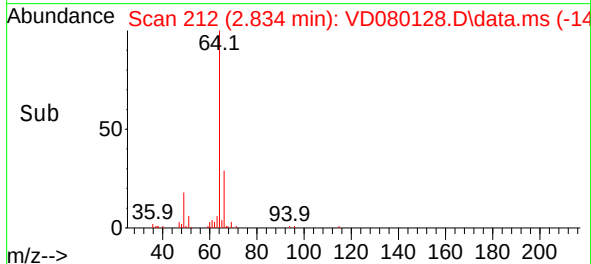
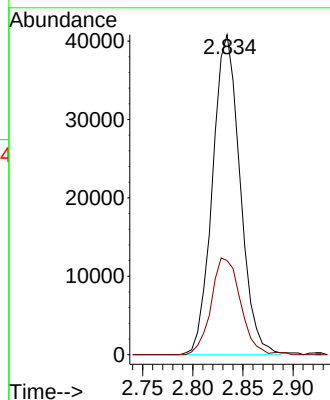
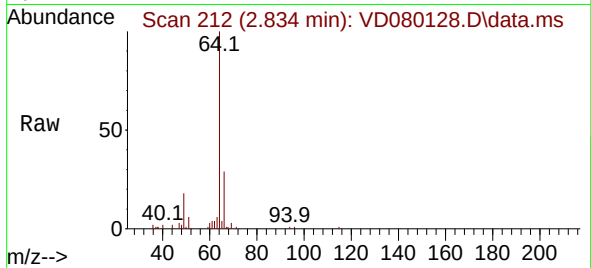




#8
Chloroethane
Concen: 28.624 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

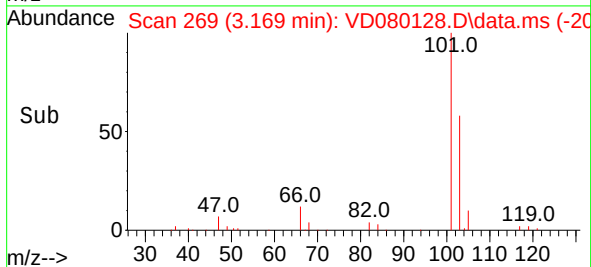
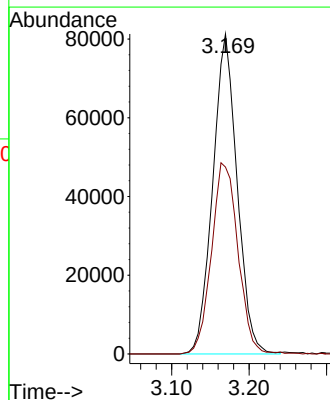
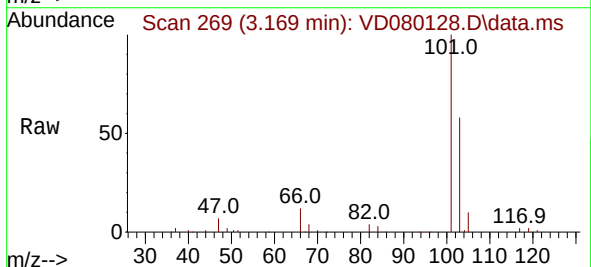
Instrument :
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ClientSampleId :

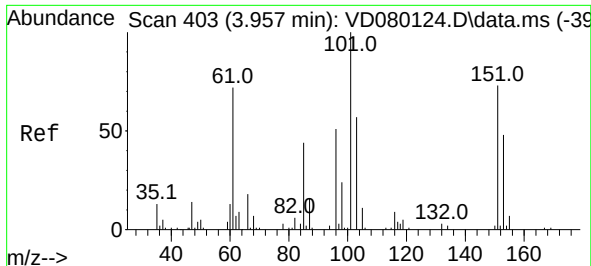
Tgt Ion: 64 Resp: 77855
Ion Ratio Lower Upper
64 100
66 29.4 21.3 39.6



#9
Trichlorofluoromethane
Concen: 29.873 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion:101 Resp: 177867
Ion Ratio Lower Upper
101 100
103 64.7 52.5 78.7





#10

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

Concen: 24.419 ug/L

RT: 3.963 min Scan# 403

Delta R.T. 0.006 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

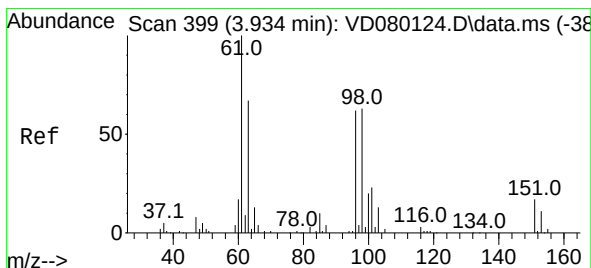
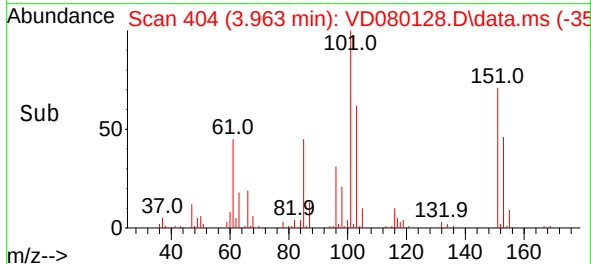
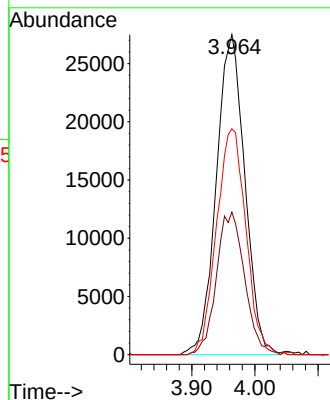
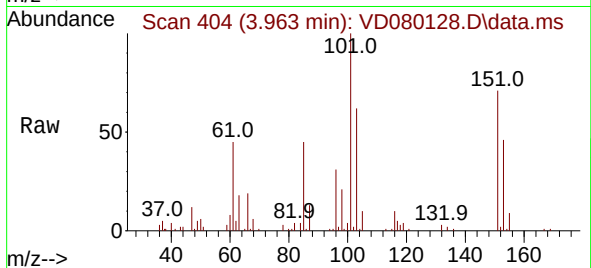
Tgt Ion:101 Resp: 86171

Ion Ratio Lower Upper

101 100

85 44.0 35.8 53.6

151 72.8 59.8 89.6



#12

1,1-Dichloroethene

Concen: 24.024 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

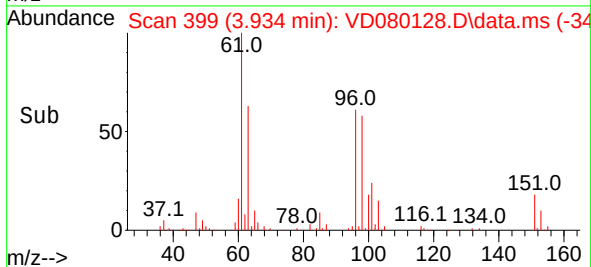
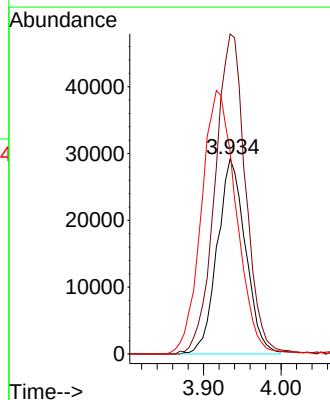
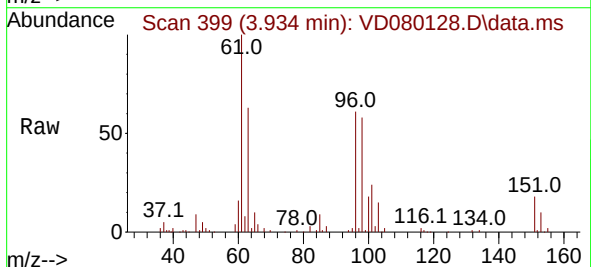
Tgt Ion: 96 Resp: 74003

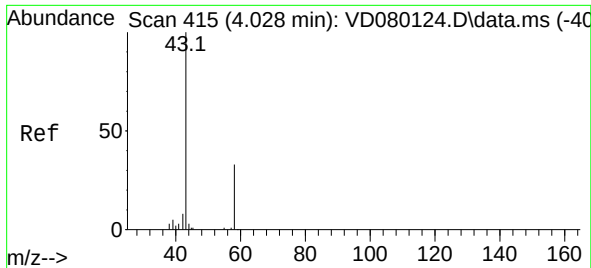
Ion Ratio Lower Upper

96 100

61 164.1 113.8 211.3

63 104.2 78.5 145.7





#13

Acetone

Concen: 44.224 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

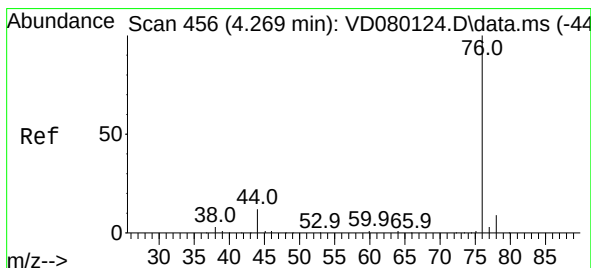
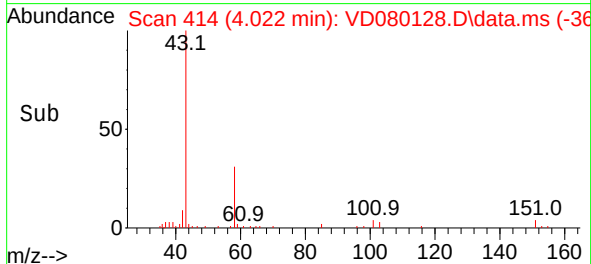
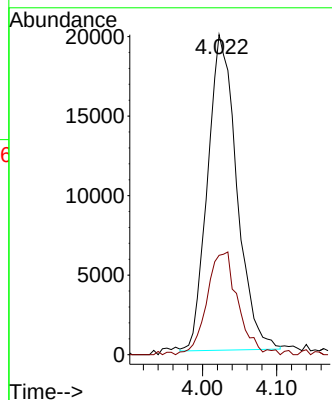
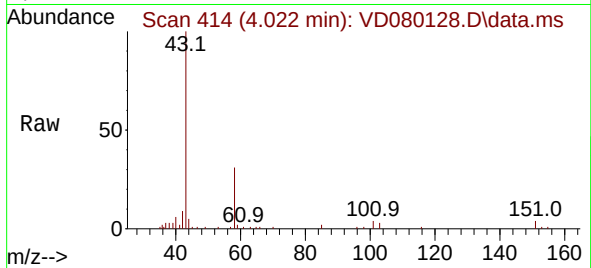
ClientSampleId :

Tgt Ion: 43 Resp: 54335

Ion Ratio Lower Upper

43 100

58 33.9 0.0 69.0



#14

Carbon disulfide

Concen: 27.132 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD080128.D

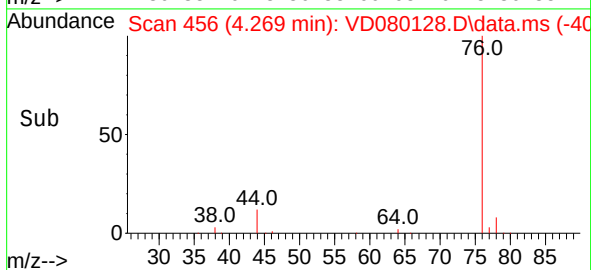
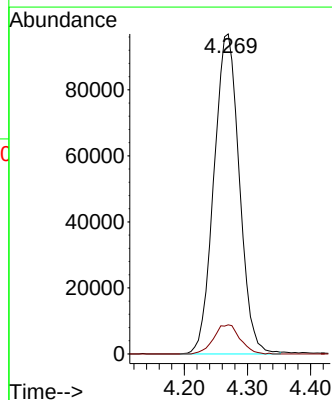
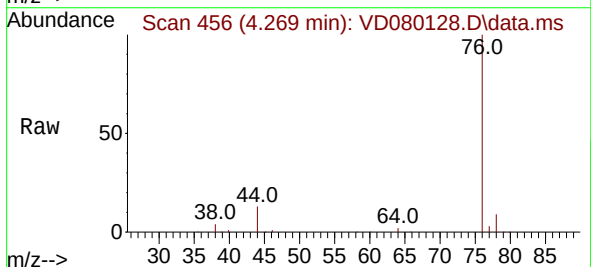
Acq: 11 Dec 2024 14:39

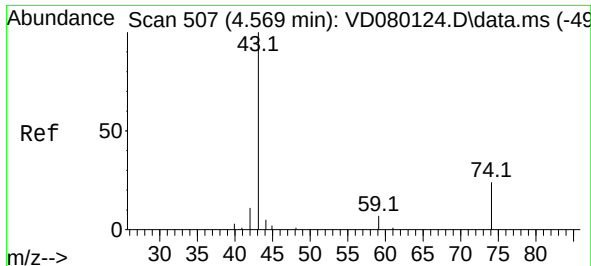
Tgt Ion: 76 Resp: 271138

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

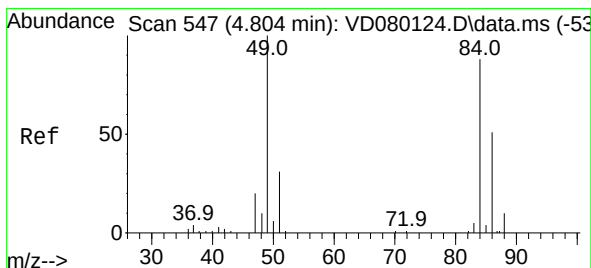
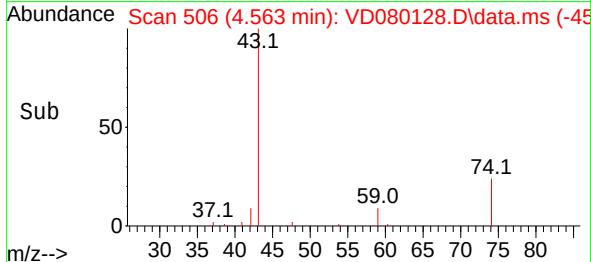
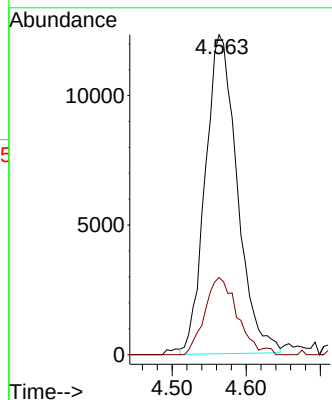
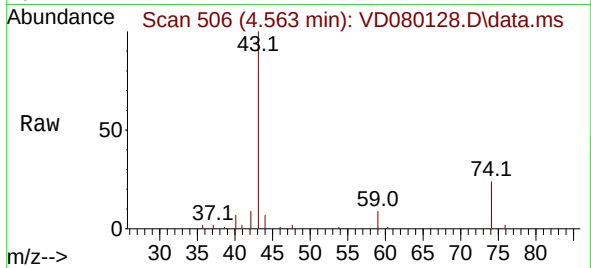




#15
Methyl Acetate
Concen: 25.481 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

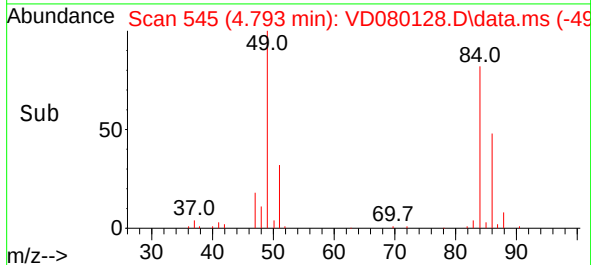
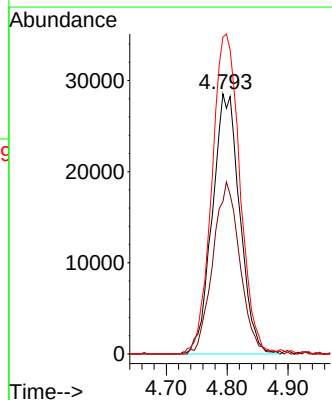
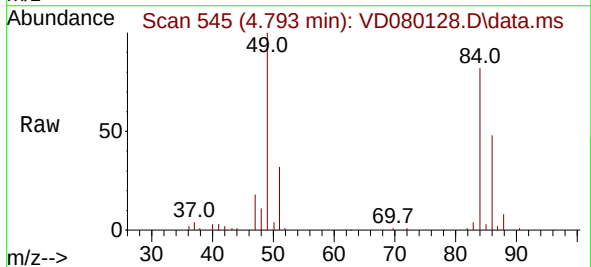
Instrument :
MSVOA_D
ClientSampleId :

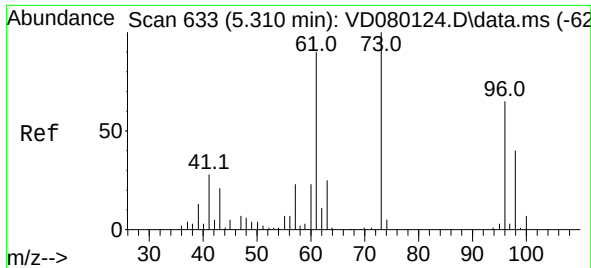
Tgt Ion: 43 Resp: 36890
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.4



#16
Methylene chloride
Concen: 25.546 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 84 Resp: 89399
Ion Ratio Lower Upper
84 100
86 58.6 40.7 75.7
49 121.8 79.9 148.5

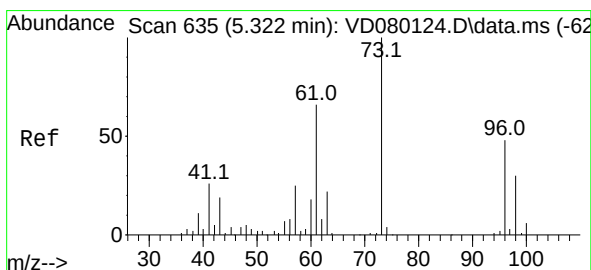
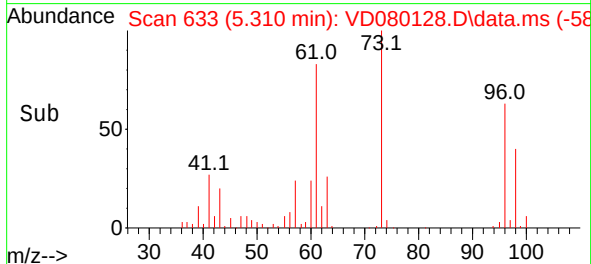
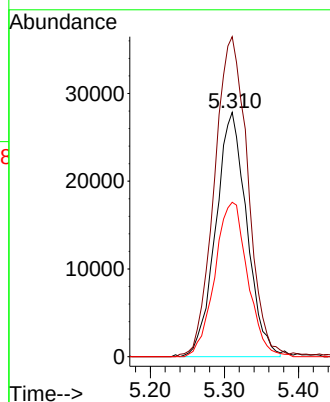
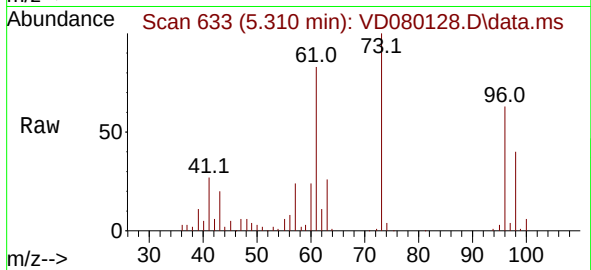




#17
trans-1,2-Dichloroethene
Concen: 25.935 ug/L
RT: 5.310 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

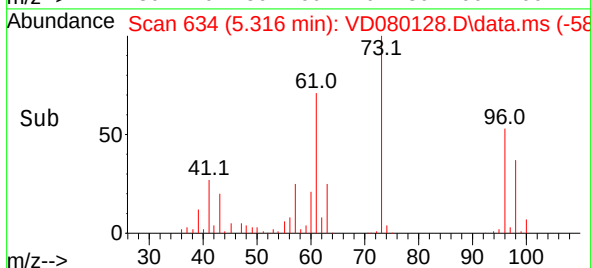
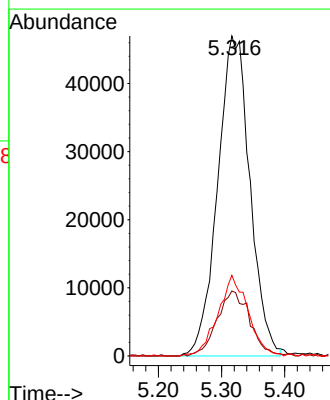
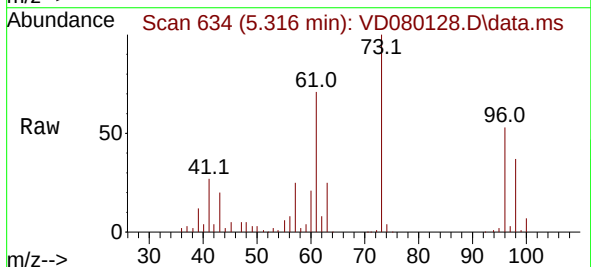
Instrument :
MSVOA_D
ClientSampleId :

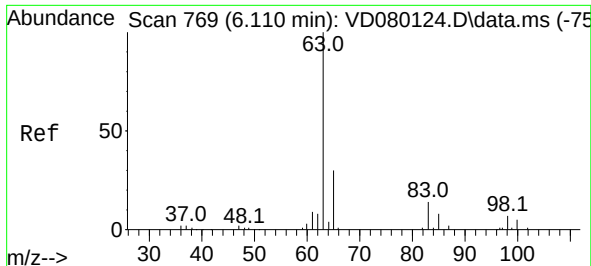
Tgt Ion: 96 Resp: 80883
Ion Ratio Lower Upper
96 100
61 131.0 97.4 181.0
98 63.2 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 24.844 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 73 Resp: 166667
Ion Ratio Lower Upper
73 100
43 15.6 0.0 0.0#
57 23.5 18.9 28.3

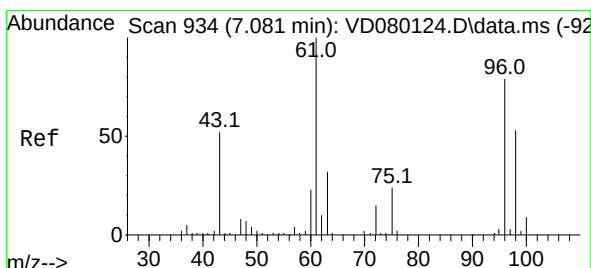
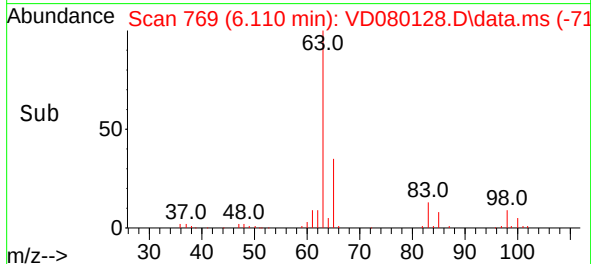
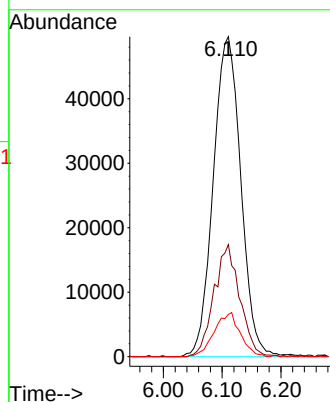
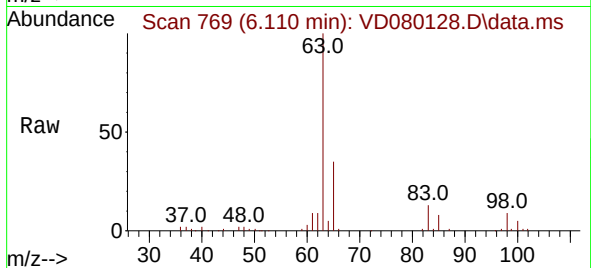




#19
1,1-Dichloroethane
Concen: 27.131 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

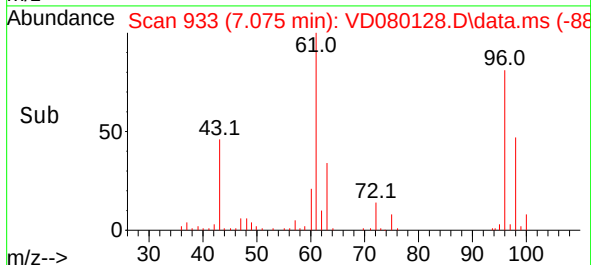
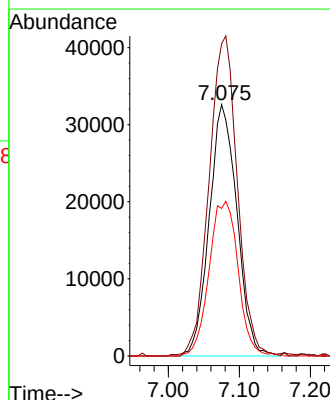
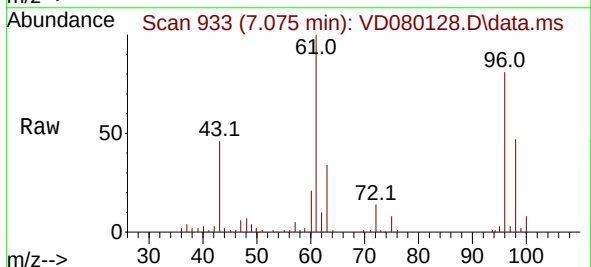
Instrument :
MSVOA_D
ClientSampleId :

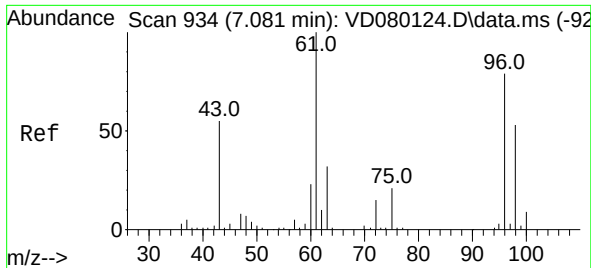
Tgt Ion: 63 Resp: 161366
Ion Ratio Lower Upper
63 100
65 35.1 21.1 39.1
83 13.2 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 26.365 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 96 Resp: 88362
Ion Ratio Lower Upper
96 100
61 124.2 89.1 165.5
98 58.7 47.3 87.8

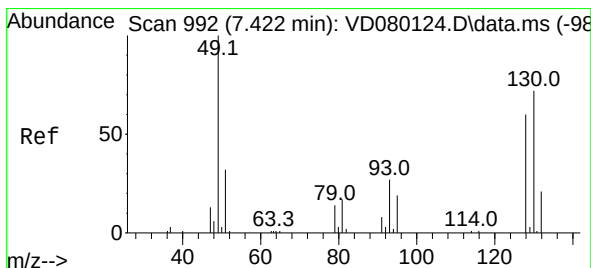
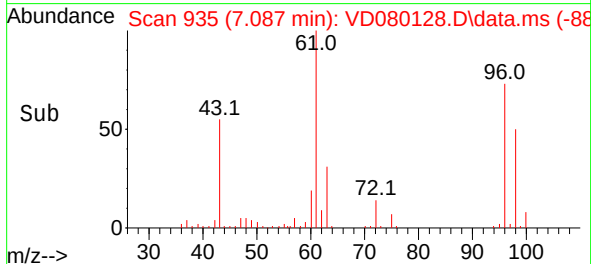
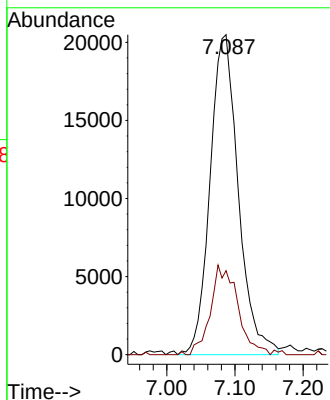
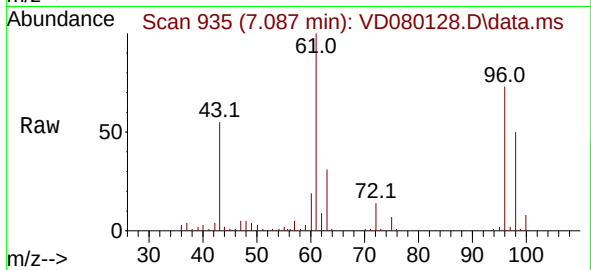




#22
2-Butanone
Concen: 48.727 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

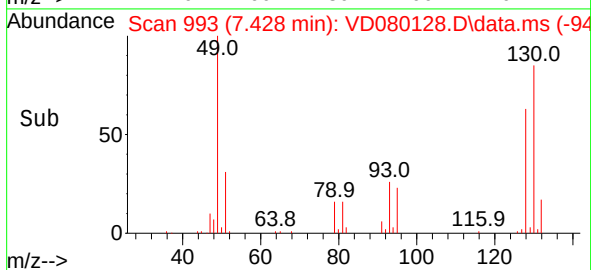
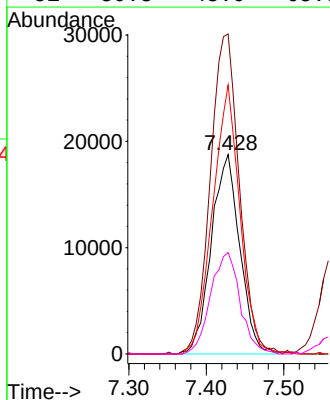
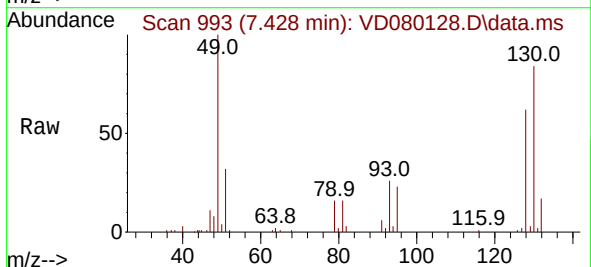
Instrument :
MSVOA_D
ClientSampleId :

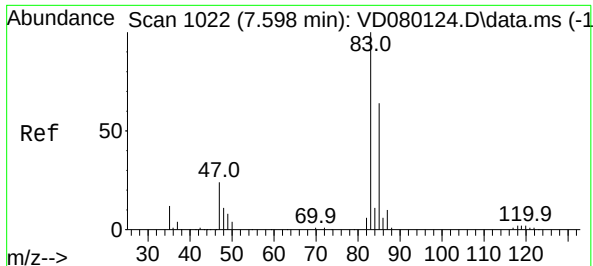
Tgt Ion: 43 Resp: 59193
Ion Ratio Lower Upper
43 100
72 26.7 13.6 40.8



#23
Bromochloromethane
Concen: 29.392 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion:128 Resp: 48014
Ion Ratio Lower Upper
128 100
49 160.5 117.0 217.2
130 134.8 84.4 156.7
51 50.8 43.9 65.9





#25

Chloroform

Concen: 28.468 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

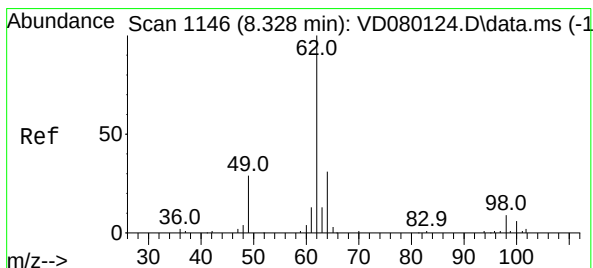
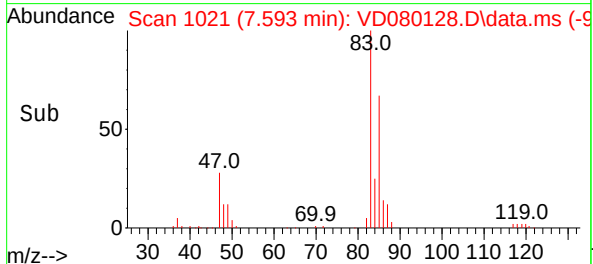
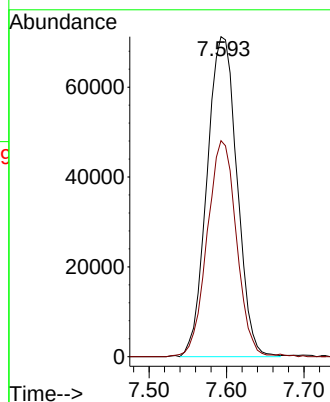
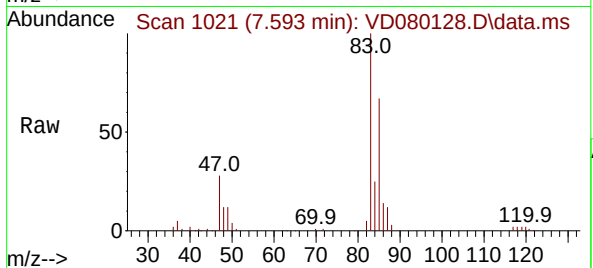
ClientSampleId :

Tgt Ion: 83 Resp: 191443

Ion Ratio Lower Upper

83 100

85 67.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 27.360 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD080128.D

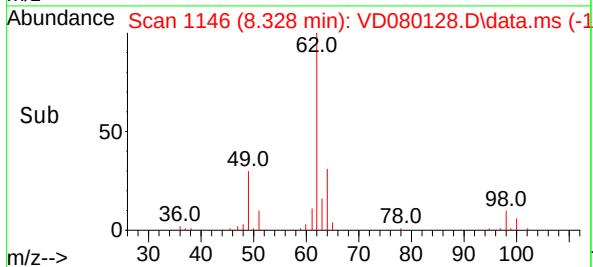
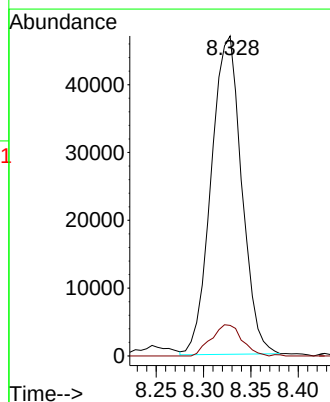
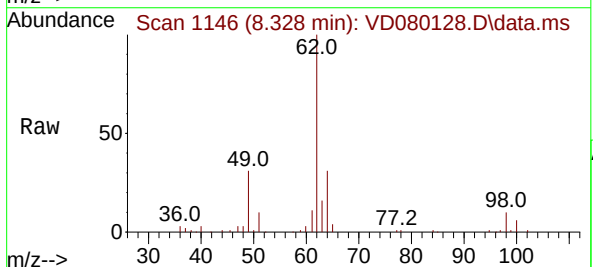
Acq: 11 Dec 2024 14:39

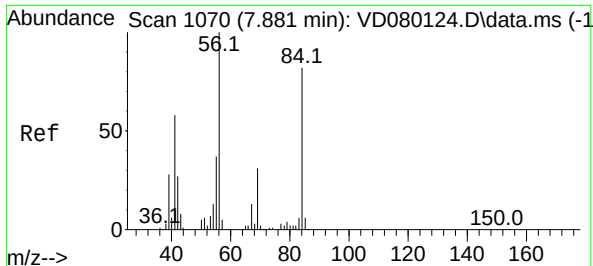
Tgt Ion: 62 Resp: 105223

Ion Ratio Lower Upper

62 100

98 9.6 7.0 10.6





#29

Cyclohexane

Concen: 27.405 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

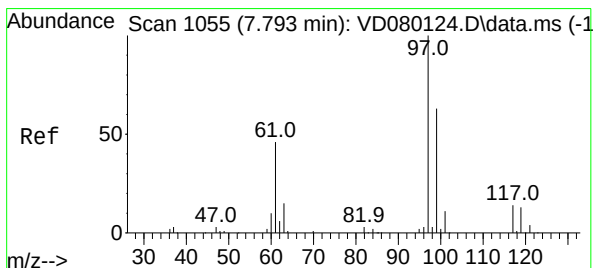
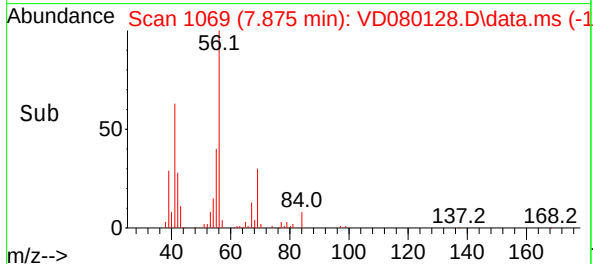
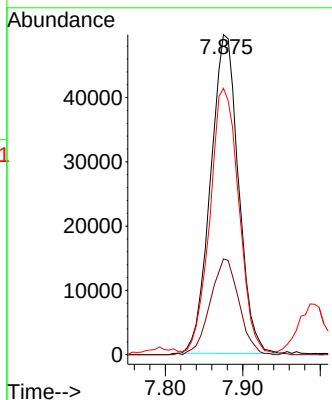
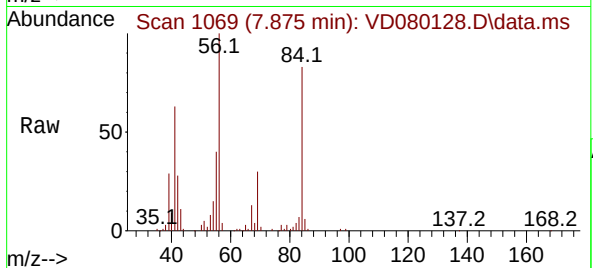
Tgt Ion: 56 Resp: 124522

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 87.0 68.7 103.1



#30

1,1,1-Trichloroethane

Concen: 24.936 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

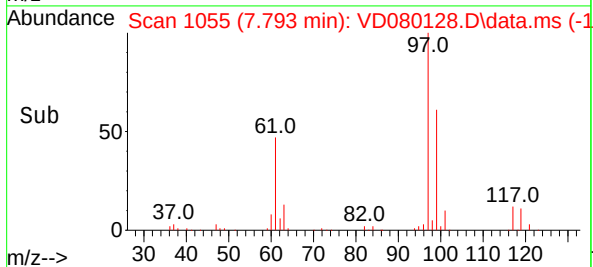
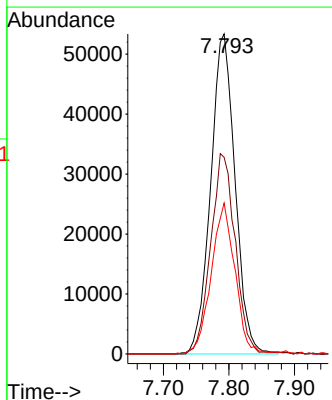
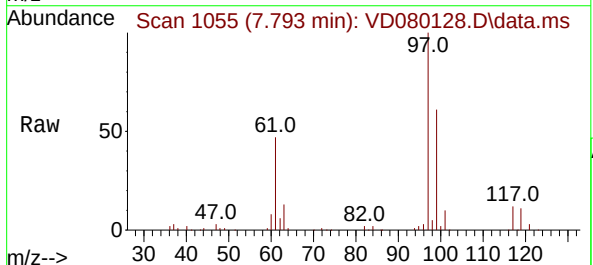
Tgt Ion: 97 Resp: 137850

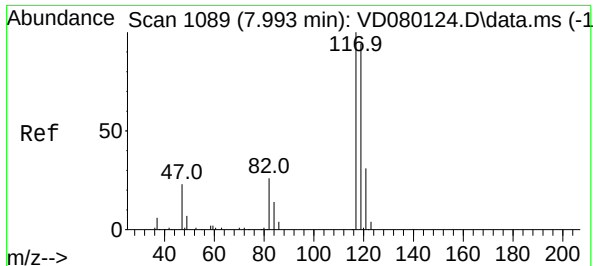
Ion Ratio Lower Upper

97 100

99 62.6 51.3 76.9

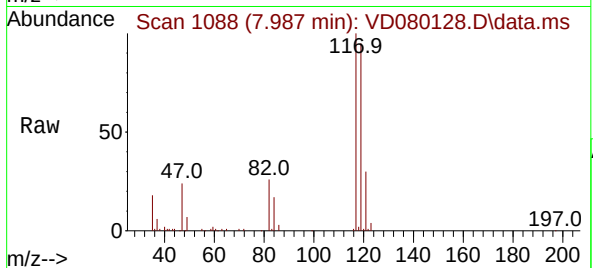
61 45.7 35.8 53.8



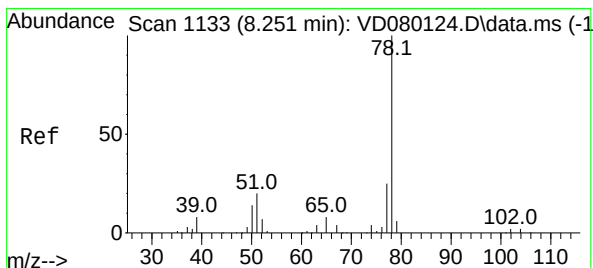
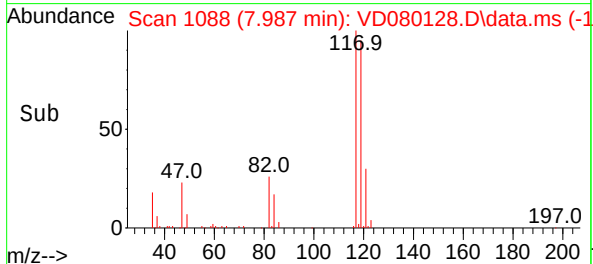
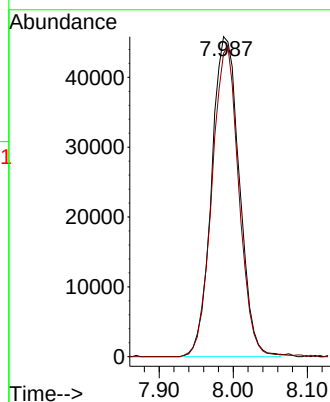


#31
Carbon tetrachloride
Concen: 25.958 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Instrument :
MSVOA_D
ClientSampleId :

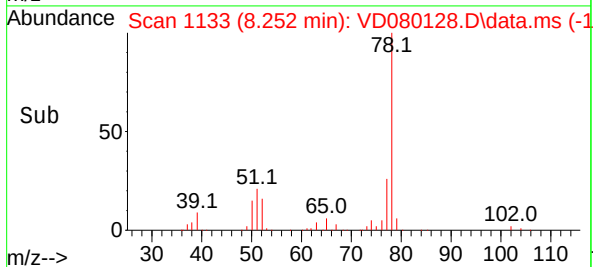
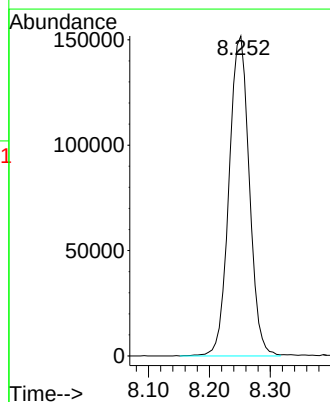
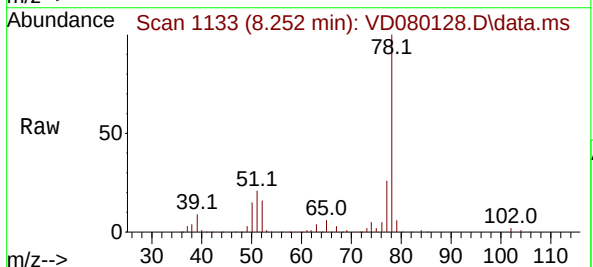


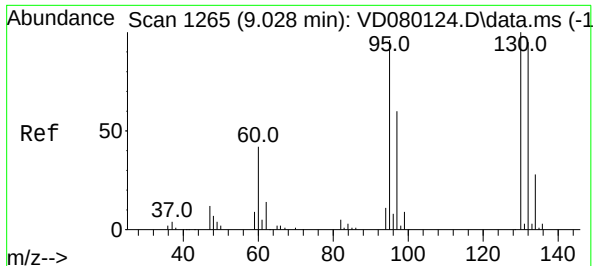
Tgt Ion:117 Resp: 118942
Ion Ratio Lower Upper
117 100
119 94.2 76.8 115.2



#33
Benzene
Concen: 25.492 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 78 Resp: 351481





#34

Trichloroethene

Concen: 23.414 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 87738

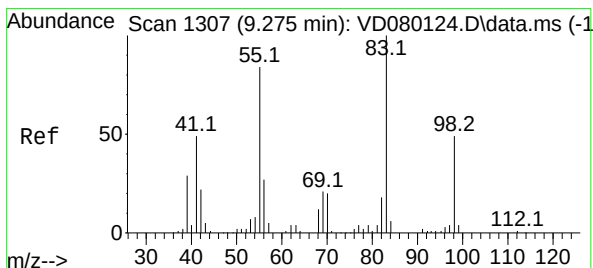
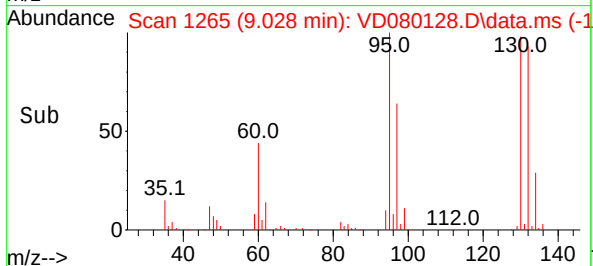
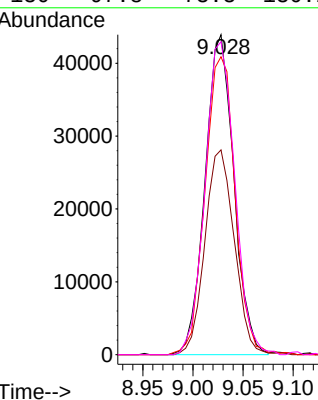
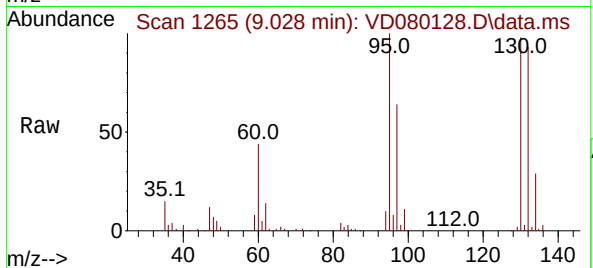
Ion Ratio Lower Upper

95 100

97 64.0 43.7 81.1

132 93.1 69.4 129.0

130 97.8 73.3 136.1



#35

Methylcyclohexane

Concen: 26.415 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

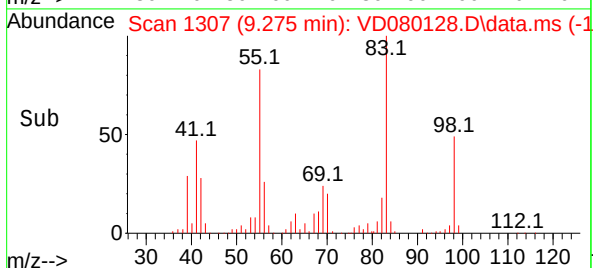
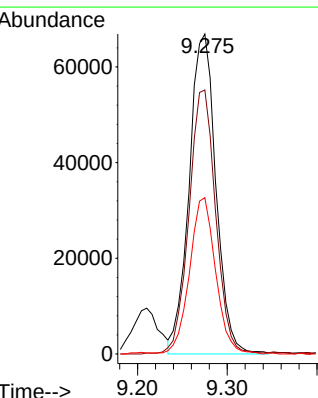
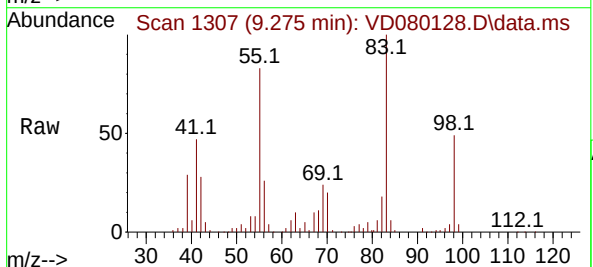
Tgt Ion: 83 Resp: 138742

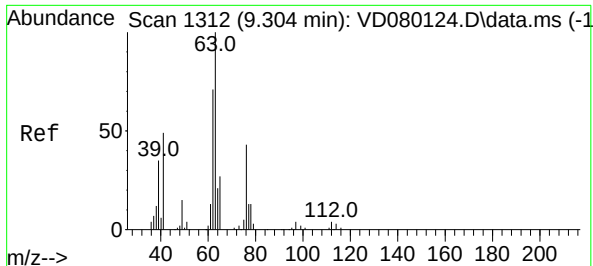
Ion Ratio Lower Upper

83 100

55 82.1 63.8 95.8

98 47.5 37.6 56.4

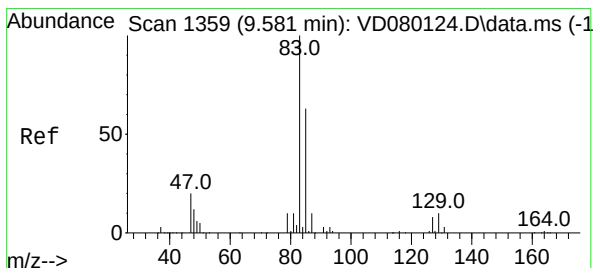
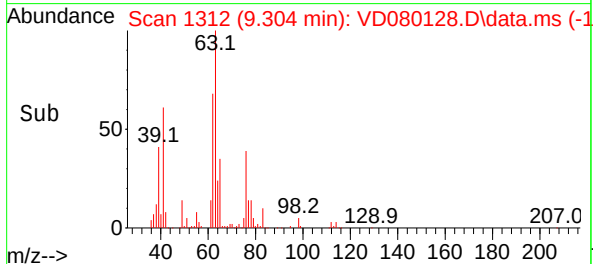
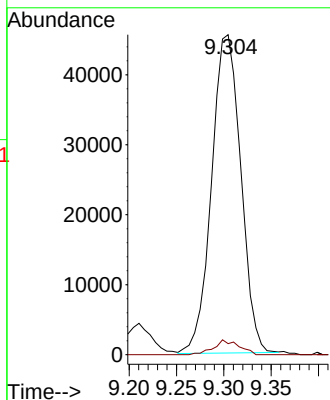
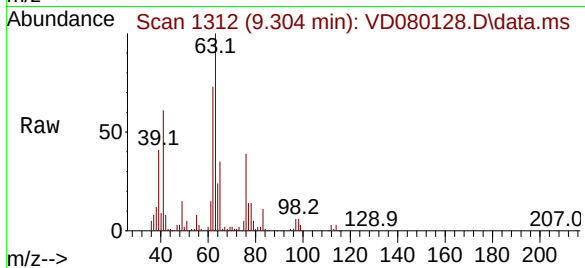




#37
1,2-Dichloropropane
Concen: 24.697 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

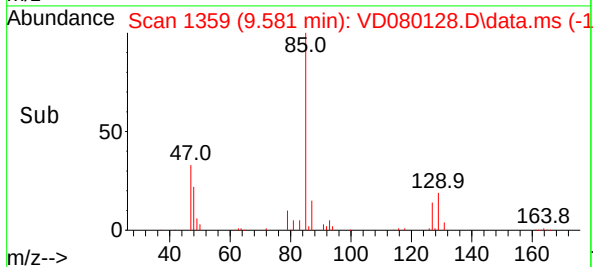
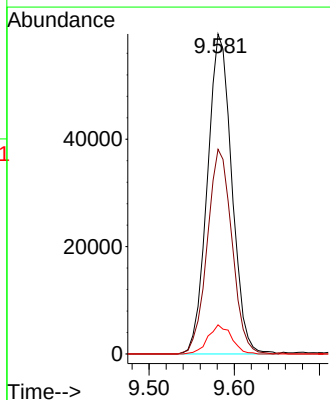
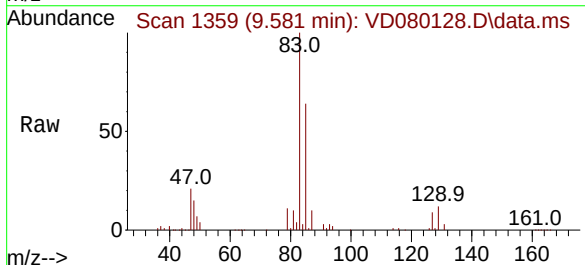
Instrument :
MSVOA_D
ClientSampleId :

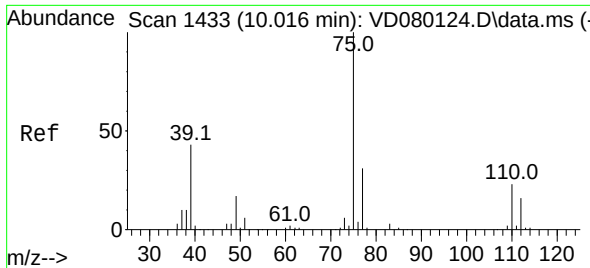
Tgt Ion: 63 Resp: 97564
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3



#38
Bromodichloromethane
Concen: 23.825 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 83 Resp: 118668
Ion Ratio Lower Upper
83 100
85 64.0 44.3 82.3
127 9.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 28.068 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

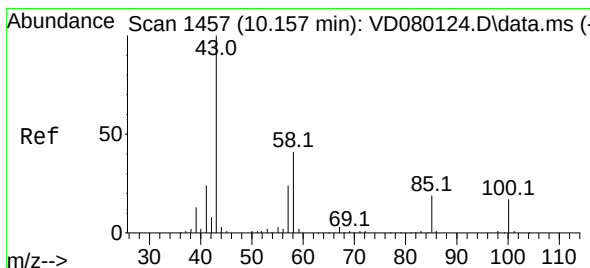
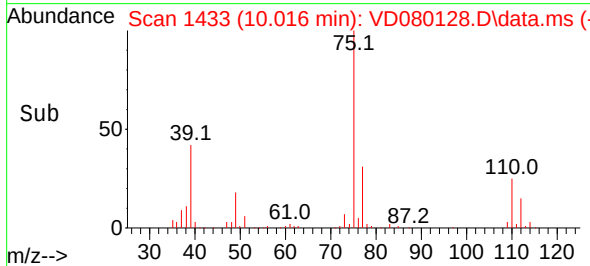
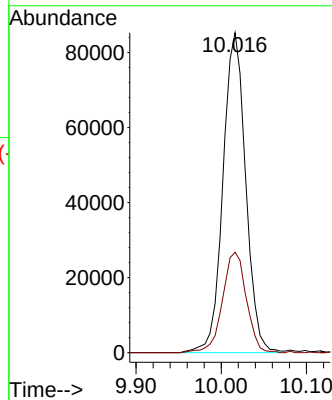
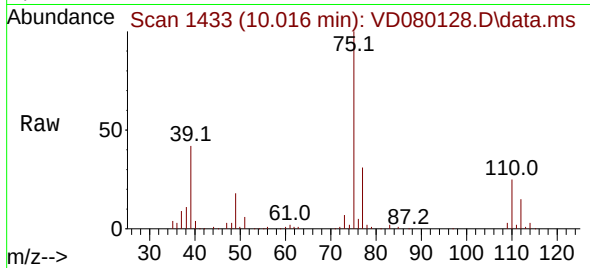
ClientSampleId :

Tgt Ion: 75 Resp: 158239

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.344 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

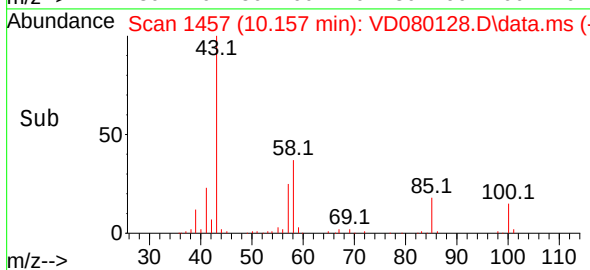
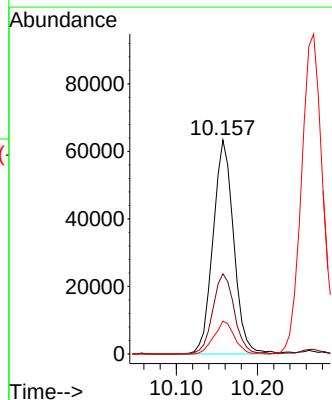
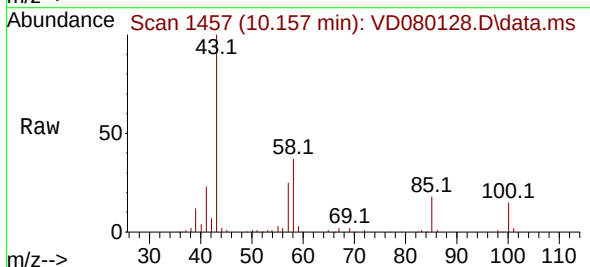
Tgt Ion: 43 Resp: 112150

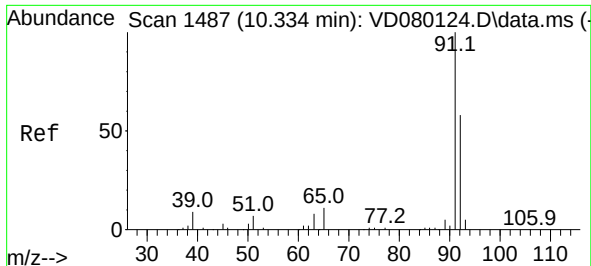
Ion Ratio Lower Upper

43 100

58 38.8 32.1 48.1

100 15.1 12.6 19.0

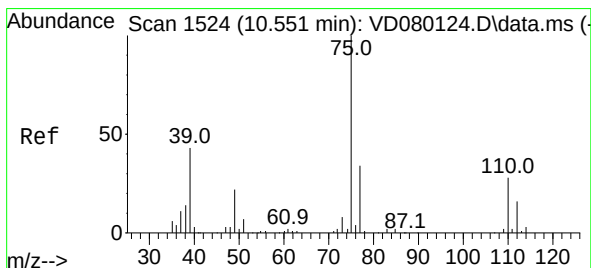
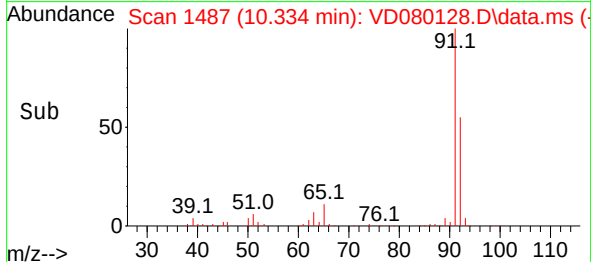
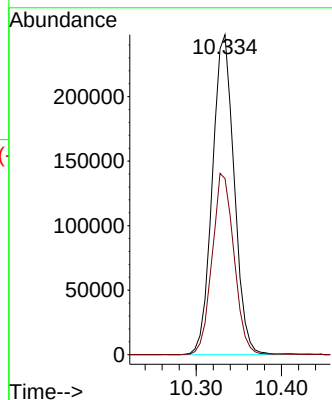
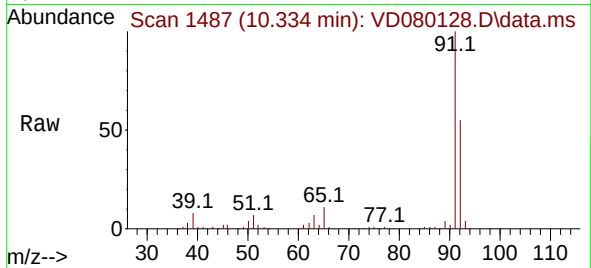




#42
Toluene
Concen: 29.451 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

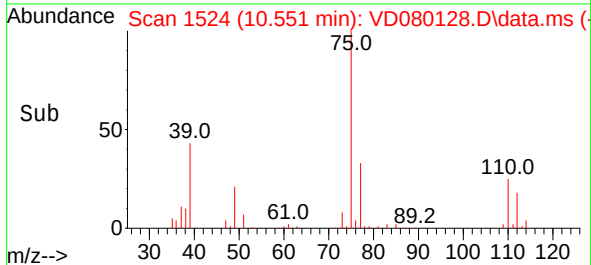
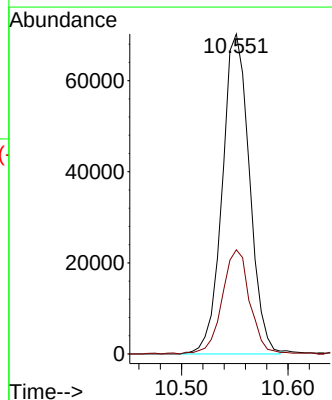
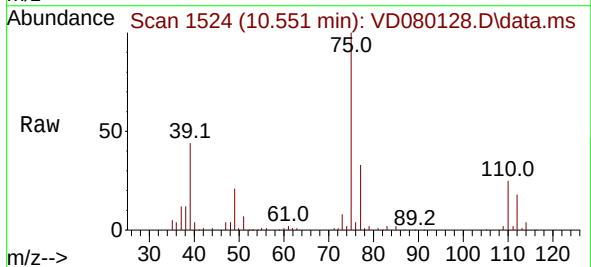
Instrument :
MSVOA_D
ClientSampleId :

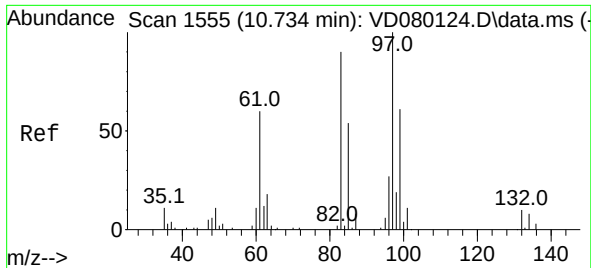
Tgt Ion: 91 Resp: 440527
Ion Ratio Lower Upper
91 100
92 55.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.791 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 75 Resp: 124418
Ion Ratio Lower Upper
75 100
77 32.6 24.2 45.0

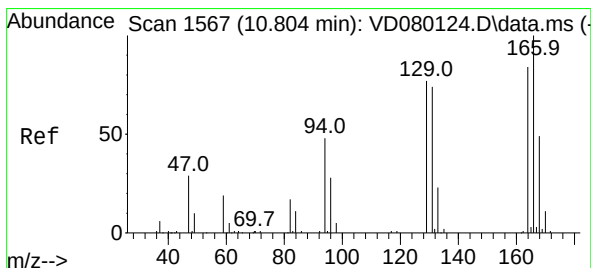
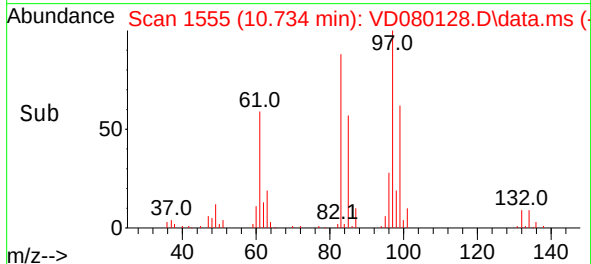
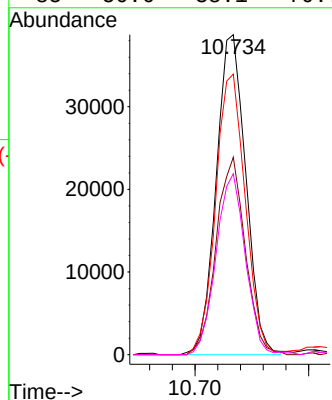
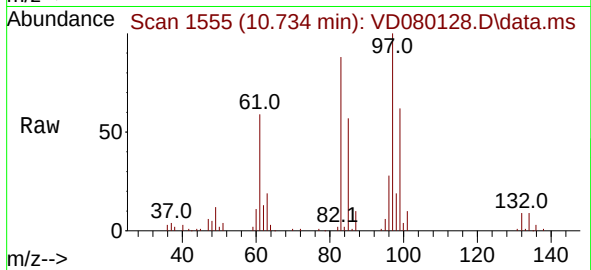




#45
1,1,2-Trichloroethane
Concen: 24.636 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

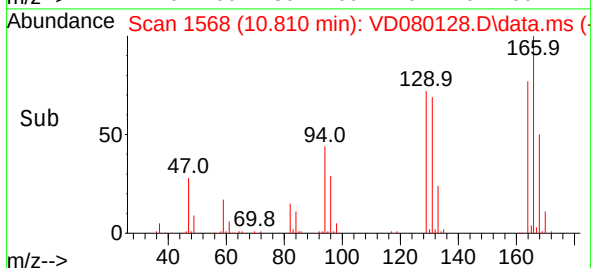
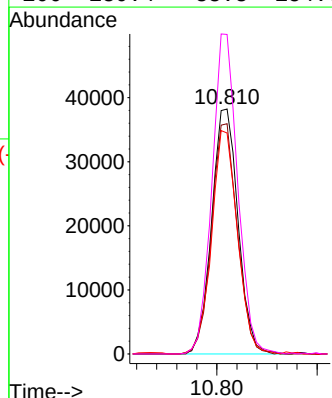
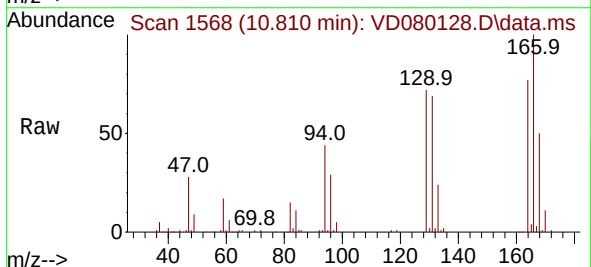
Instrument :
MSVOA_D
ClientSampleId :

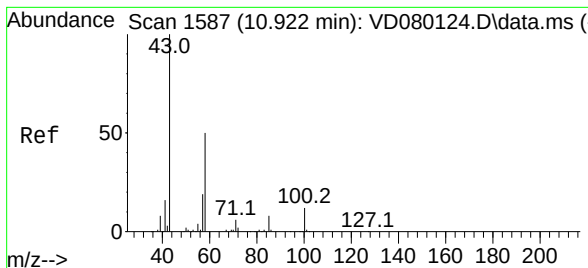
Tgt Ion: 97	Resp: 69995
Ion Ratio	Lower Upper
97 100	
99 61.7	42.5 78.9
83 87.7	63.1 117.1
85 56.6	38.1 70.7



#46
Tetrachloroethene
Concen: 26.915 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt	Ion:164	Resp:	69851
Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.4	119.6
131	90.2	61.6	114.4
166	130.4	83.3	154.7





#48

2-Hexanone

Concen: 49.832 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 88911

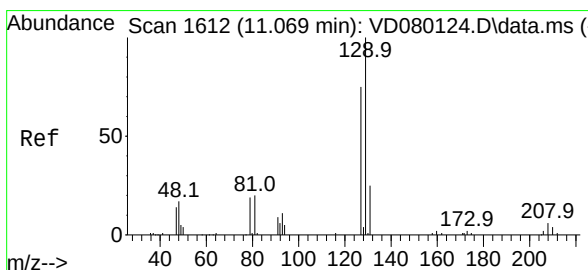
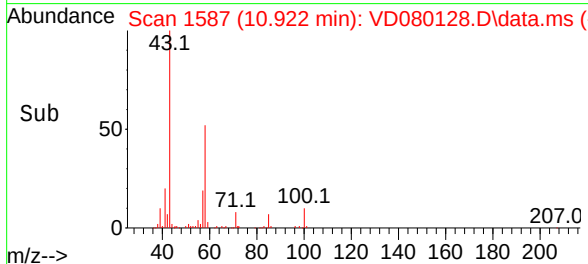
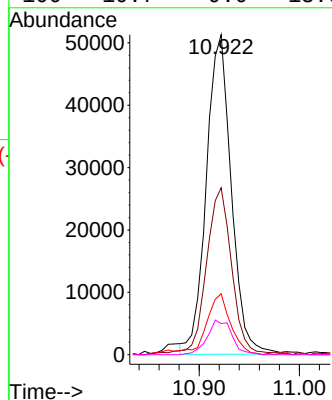
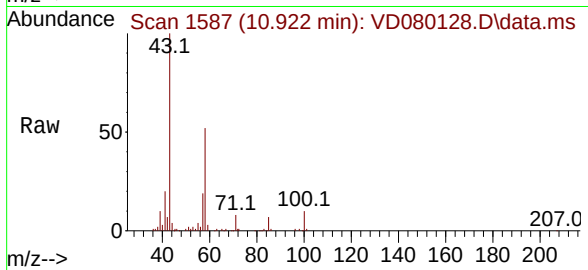
Ion Ratio Lower Upper

43 100

58 52.8 41.8 62.6

57 17.5 14.8 22.2

100 10.7 9.0 13.6



#49

Dibromochloromethane

Concen: 25.054 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD080128.D

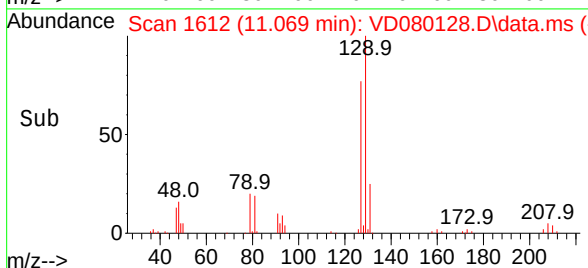
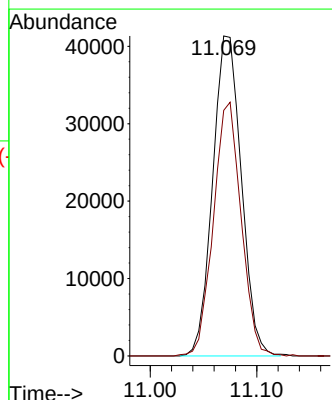
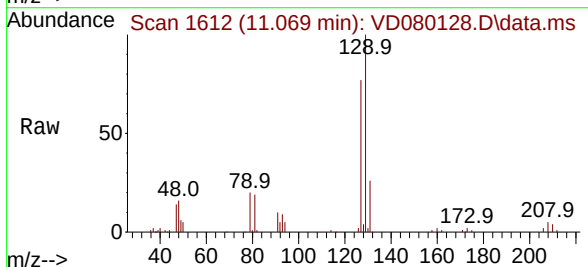
Acq: 11 Dec 2024 14:39

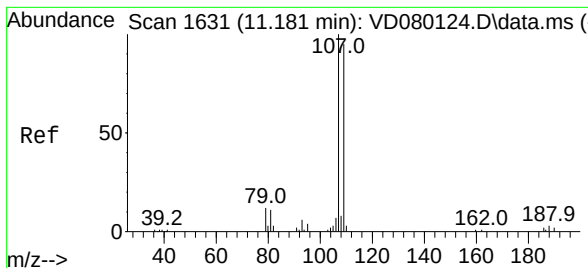
Tgt Ion: 129 Resp: 77273

Ion Ratio Lower Upper

129 100

127 76.8 52.4 97.2





#50

1,2-Dibromoethane

Concen: 23.750 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080128.D

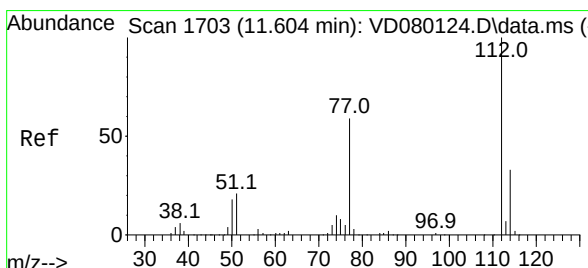
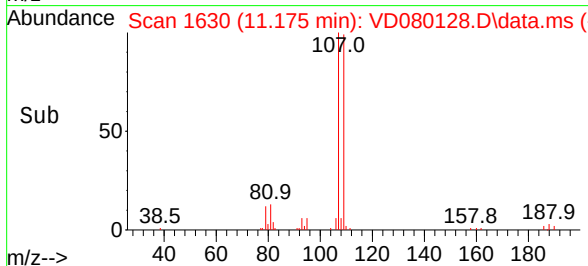
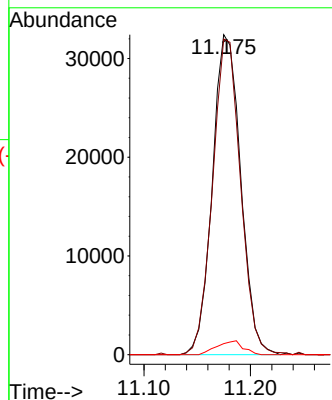
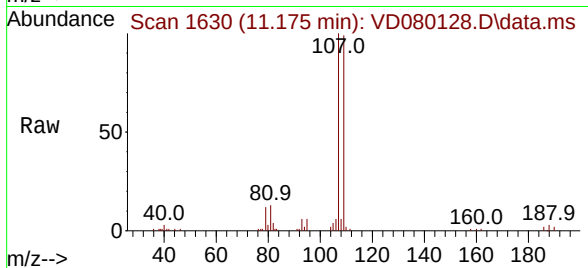
Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	59833
Ion Ratio	Lower	Upper
107	100	
109	98.6	66.2 123.0
188	3.5	2.8 4.2



#51

Chlorobenzene

Concen: 25.486 ug/L

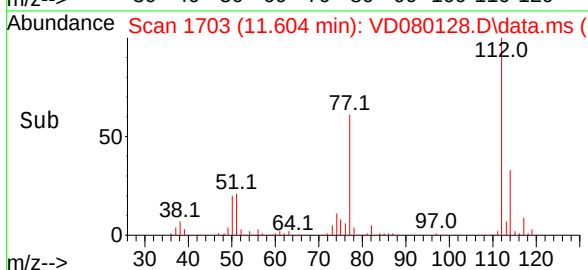
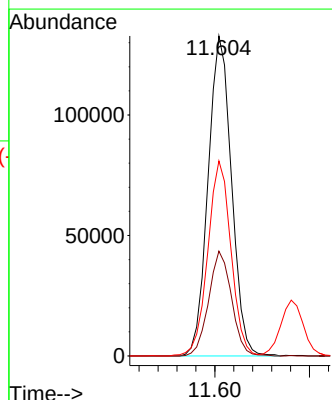
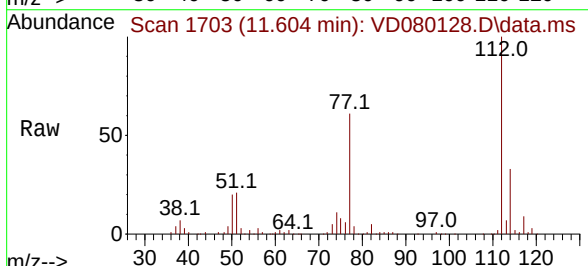
RT: 11.604 min Scan# 1703

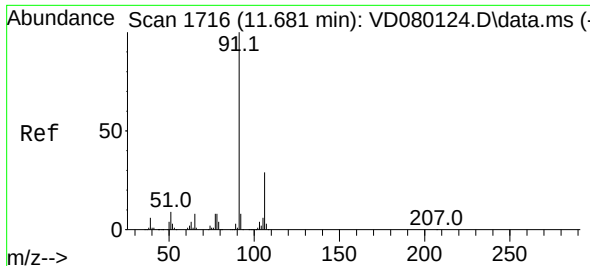
Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Tgt Ion:112	Resp:	228170
Ion Ratio	Lower	Upper
112	100	
114	32.8	23.3 43.3
77	61.0	47.8 71.8





#52

Ethylbenzene

Concen: 26.716 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

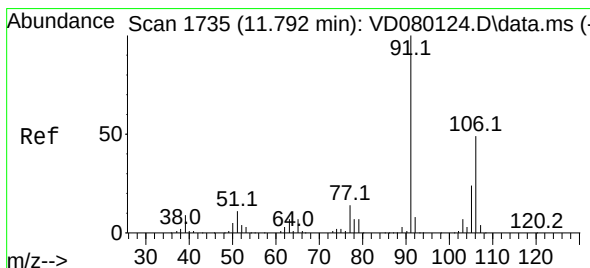
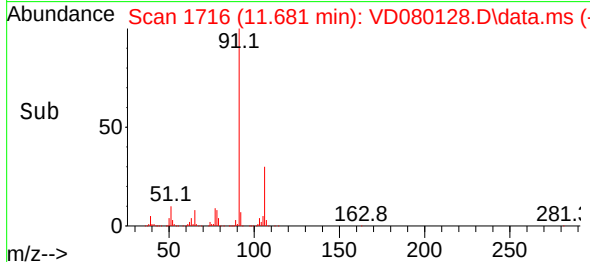
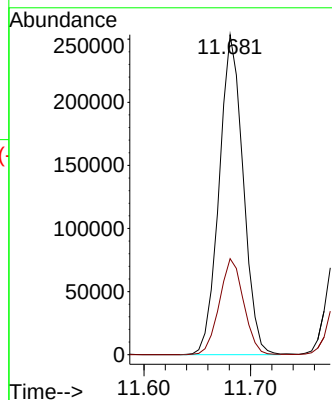
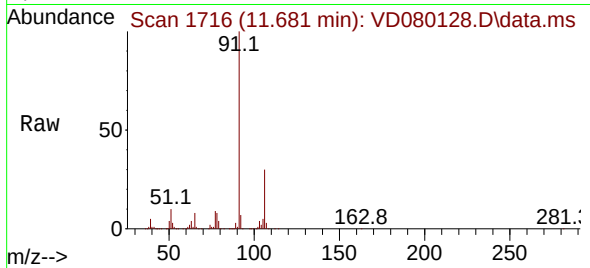
ClientSampleId :

Tgt Ion: 91 Resp: 396835

Ion Ratio Lower Upper

91 100

106 30.0 20.0 37.2



#53

m,p-Xylene

Concen: 26.701 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080128.D

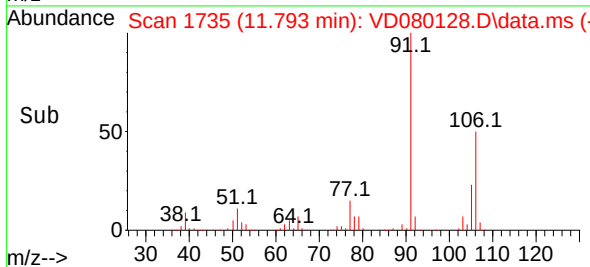
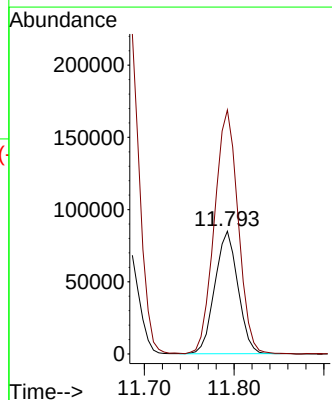
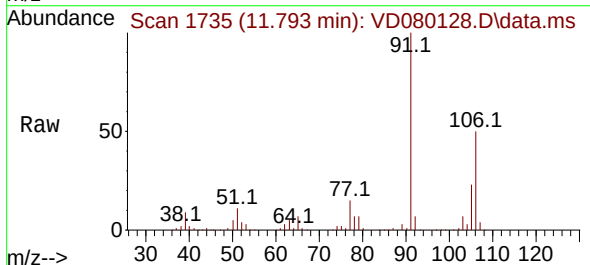
Acq: 11 Dec 2024 14:39

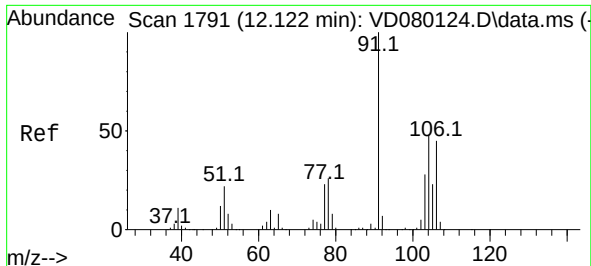
Tgt Ion:106 Resp: 151634

Ion Ratio Lower Upper

106 100

91 198.9 143.5 266.5

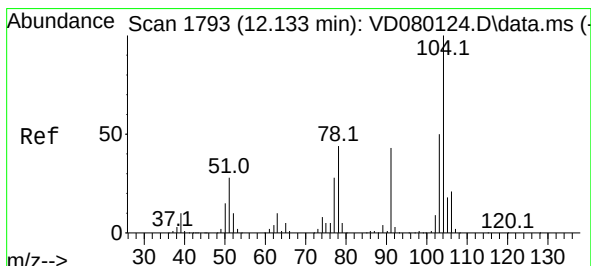
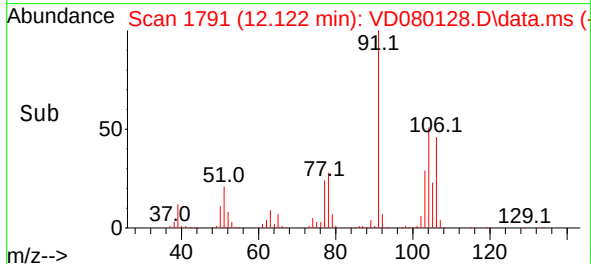
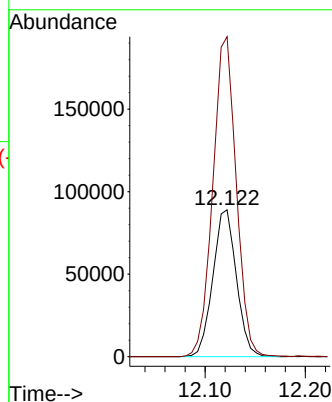
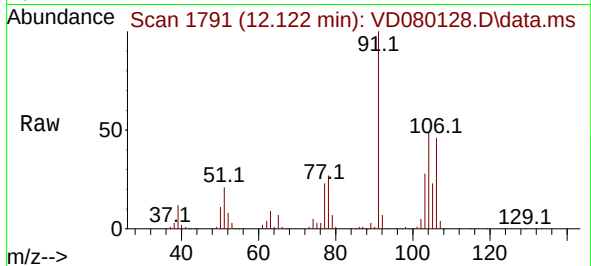




#54
o-Xylene
Concen: 26.613 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

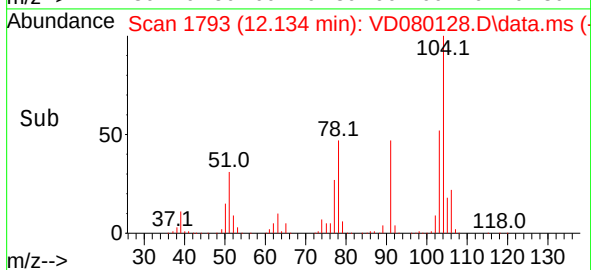
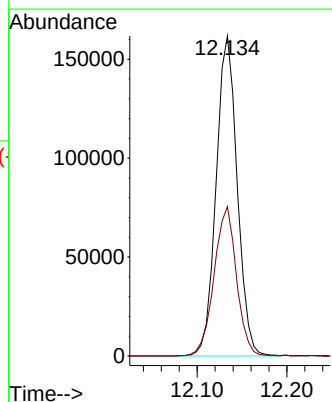
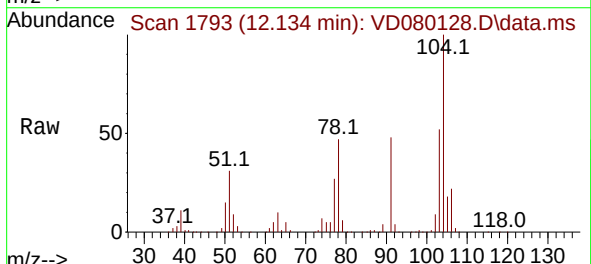
Instrument :
MSVOA_D
ClientSampleId :

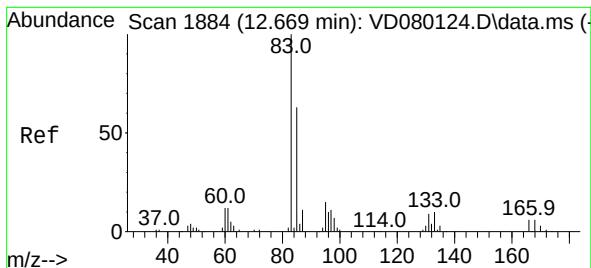
Tgt Ion:106 Resp: 145003
Ion Ratio Lower Upper
106 100
91 217.8 155.8 289.4



#55
Styrene
Concen: 26.754 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion:104 Resp: 263846
Ion Ratio Lower Upper
104 100
78 46.7 31.2 58.0

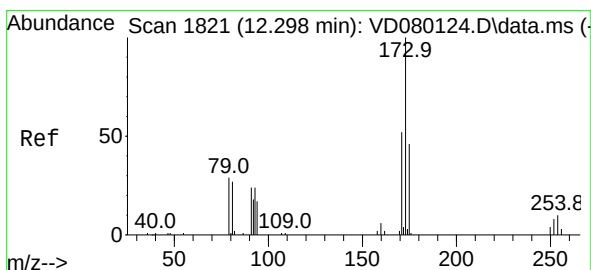
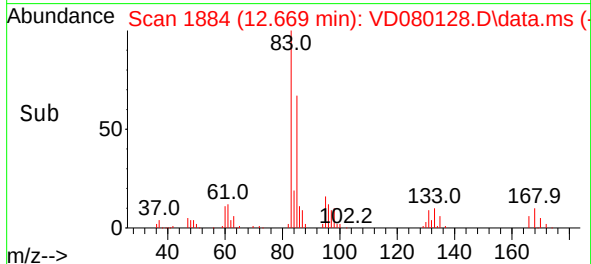
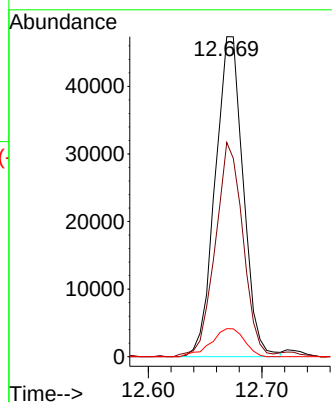
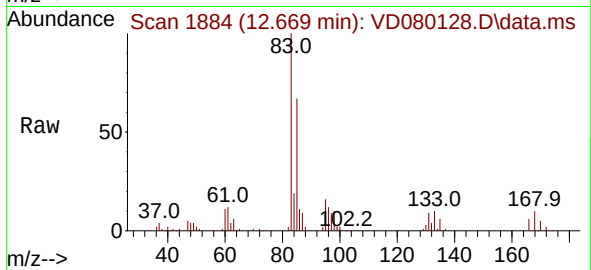




#57
1,1,2,2-Tetrachloroethane
Concen: 22.412 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

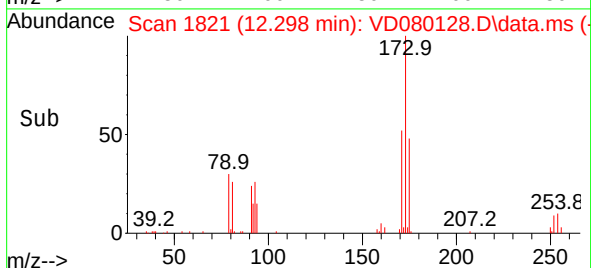
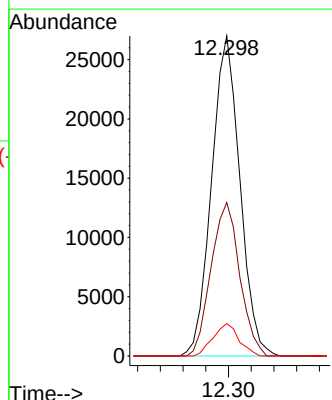
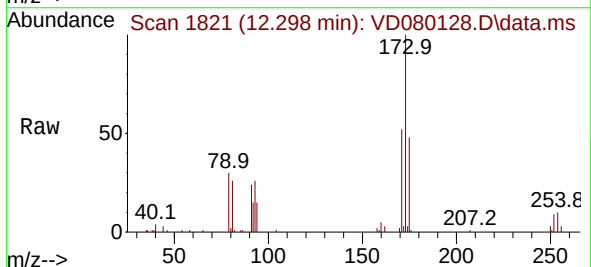
Instrument :
MSVOA_D
ClientSampleId :

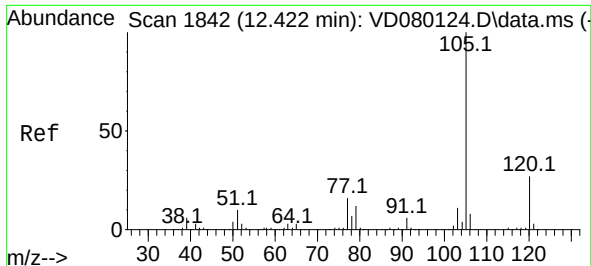
Tgt Ion: 83 Resp: 81128
Ion Ratio Lower Upper
83 100
85 67.0 44.2 82.2
131 8.8 7.1 10.7



#59
Bromoform
Concen: 23.620 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion:173 Resp: 46738
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.4
254 9.2 8.5 12.7

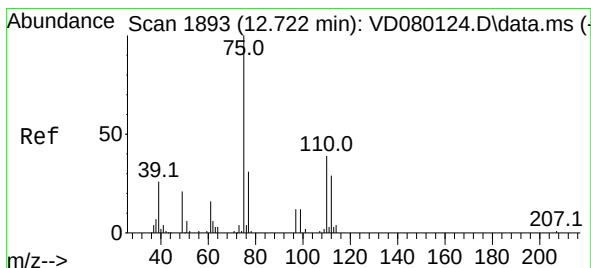
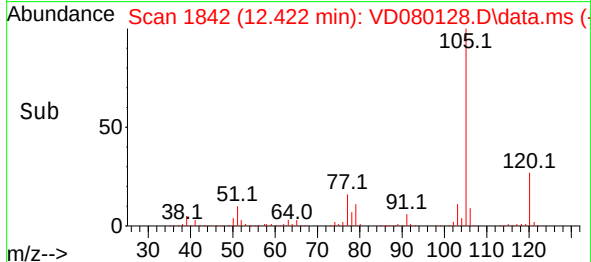
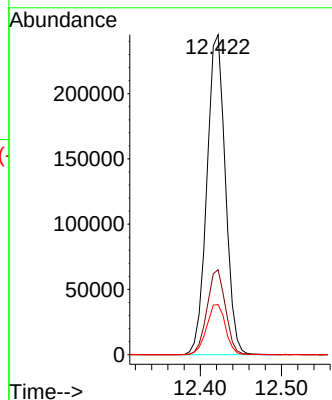
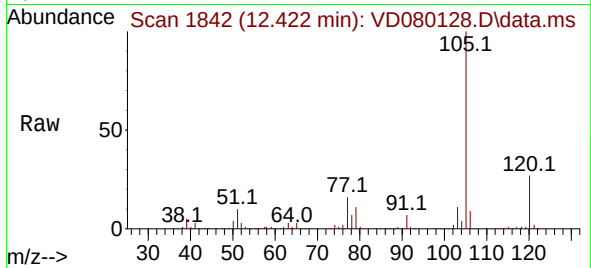




#60
Isopropylbenzene
Concen: 26.403 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

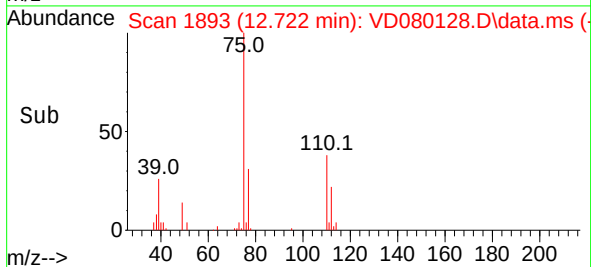
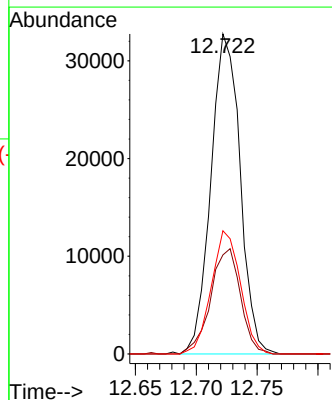
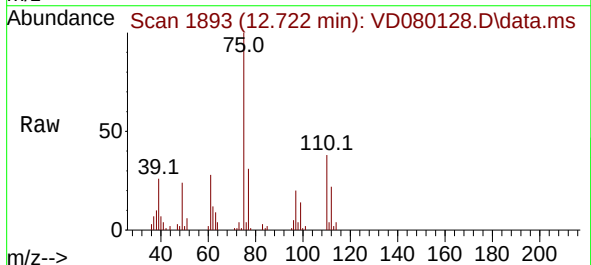
Instrument :
MSVOA_D
ClientSampleId :

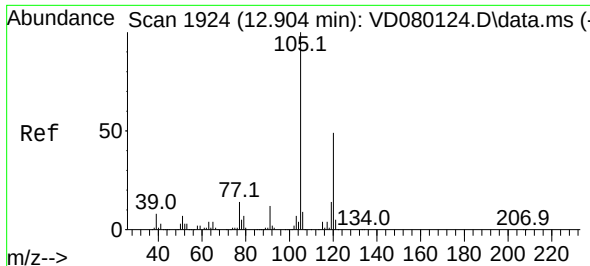
Tgt Ion:105 Resp: 386593
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 16.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 22.498 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion: 75 Resp: 54674
Ion Ratio Lower Upper
75 100
77 33.7 25.8 38.6
110 38.5 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 24.818 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

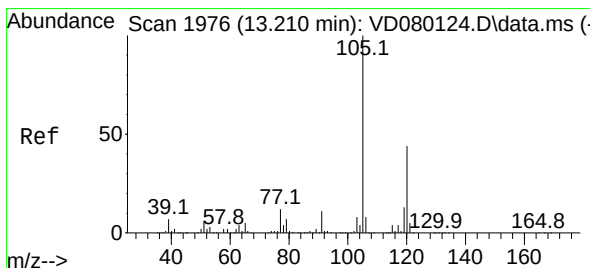
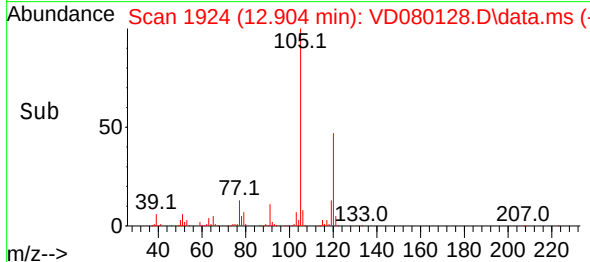
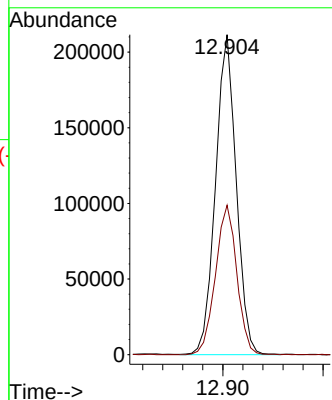
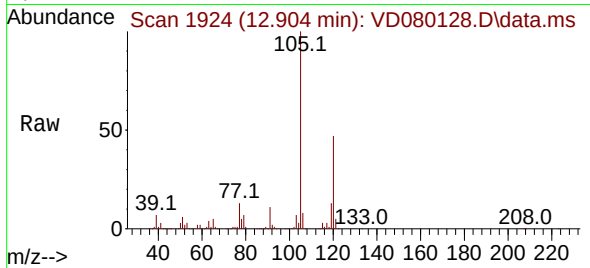
ClientSampleId :

Tgt Ion:105 Resp: 302963

Ion Ratio Lower Upper

105 100

120 48.2 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 26.015 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080128.D

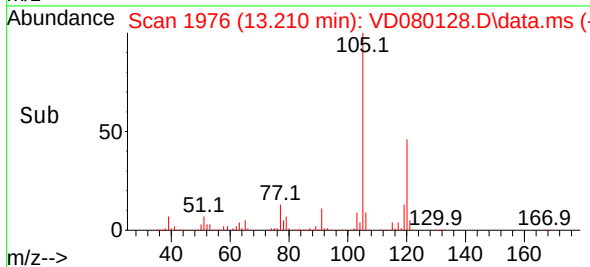
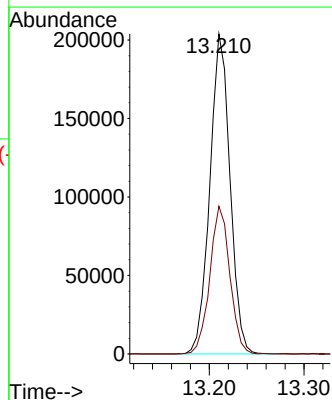
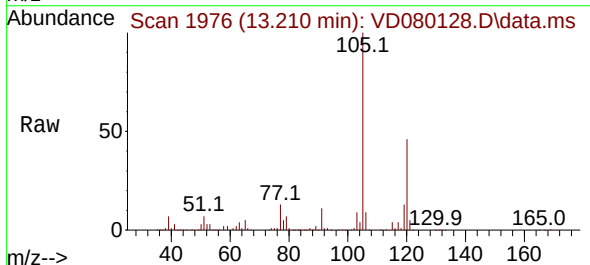
Acq: 11 Dec 2024 14:39

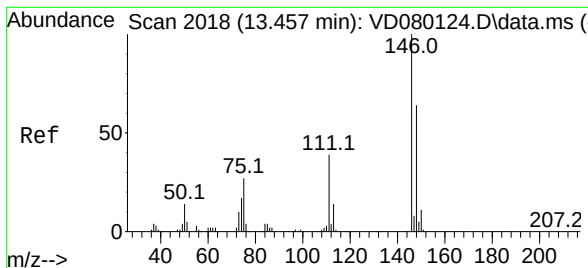
Tgt Ion:105 Resp: 302153

Ion Ratio Lower Upper

105 100

120 45.7 36.4 54.6

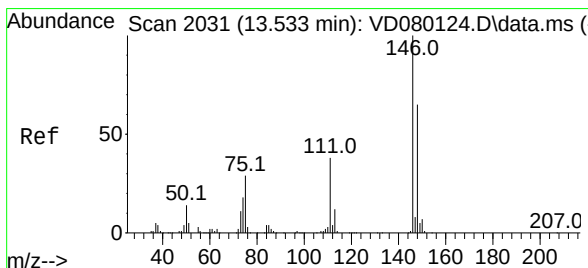
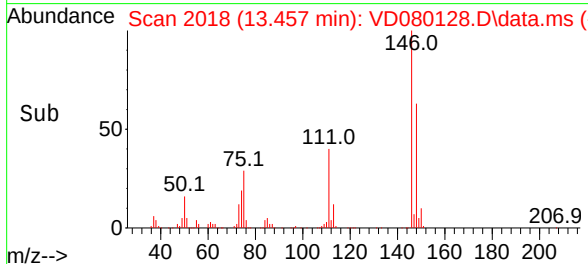
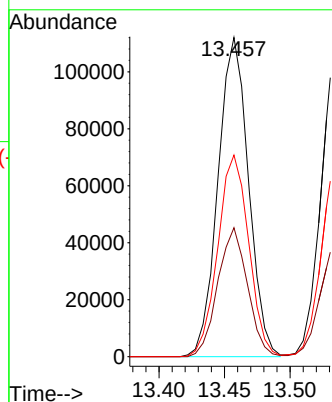
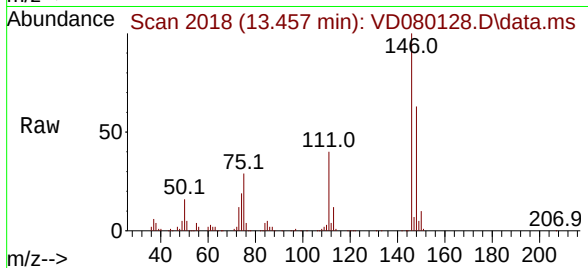




#64
1,3-Dichlorobenzene
Concen: 25.447 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

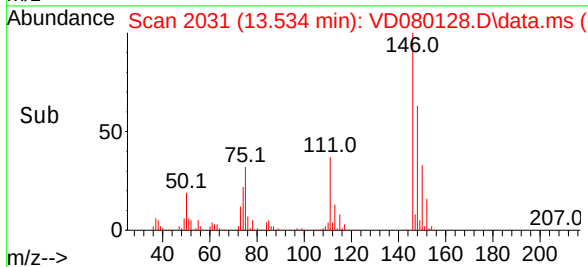
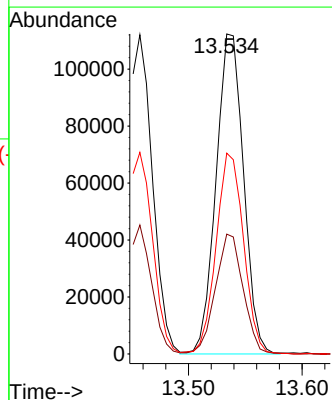
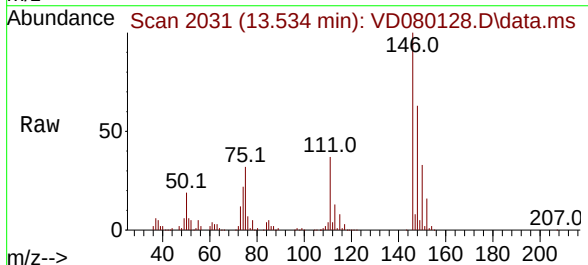
Instrument :
MSVOA_D
ClientSampleId :

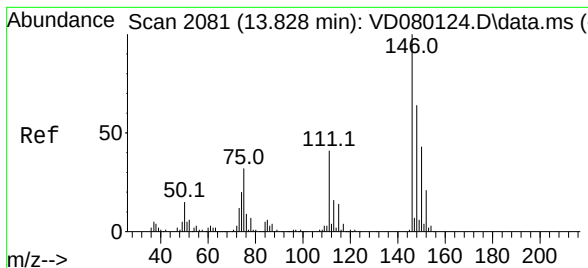
Tgt Ion:146 Resp: 181238
Ion Ratio Lower Upper
146 100
111 40.4 27.0 50.2
148 63.2 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 24.653 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion:146 Resp: 189283
Ion Ratio Lower Upper
146 100
111 37.5 27.0 50.2
148 62.7 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 23.773 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :

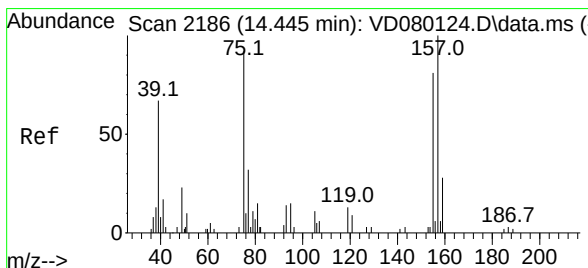
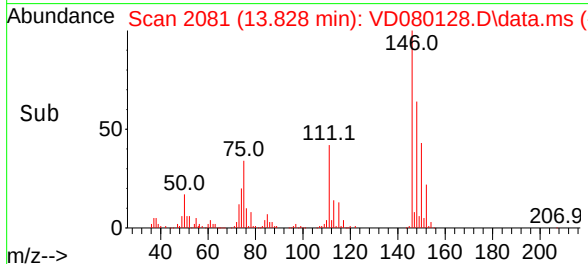
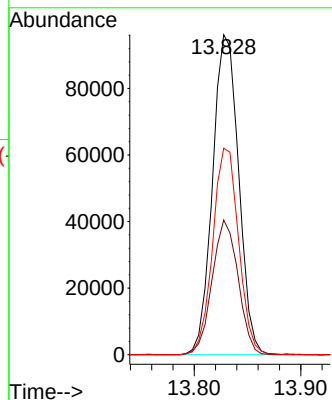
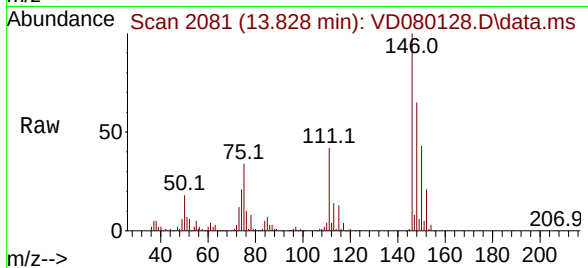
Tgt Ion:146 Resp: 163498

Ion Ratio Lower Upper

146 100

111 42.1 32.8 49.2

148 64.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.610 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

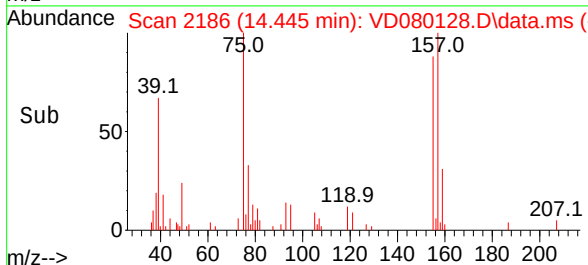
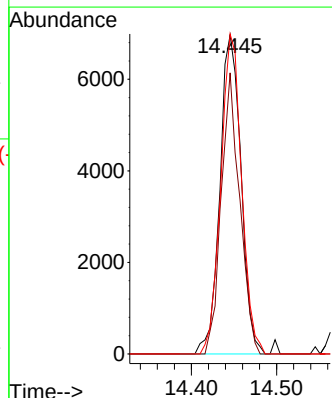
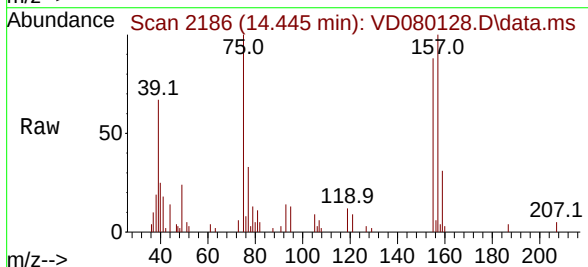
Tgt Ion: 75 Resp: 12079

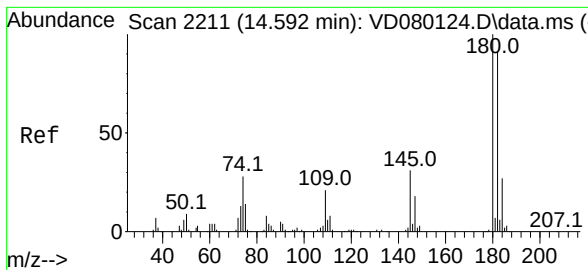
Ion Ratio Lower Upper

75 100

155 88.2 70.5 105.7

157 100.3 86.6 129.8





#69

1,3,5-Trichlorobenzene

Concen: 24.901 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

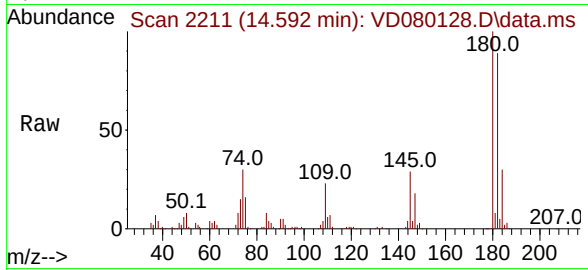
Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 122511

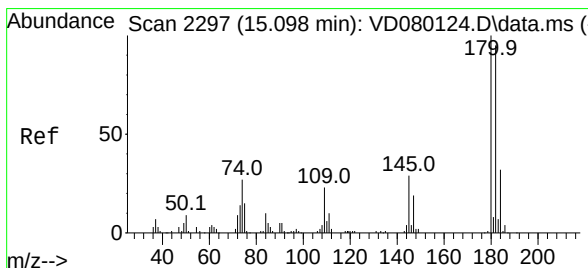
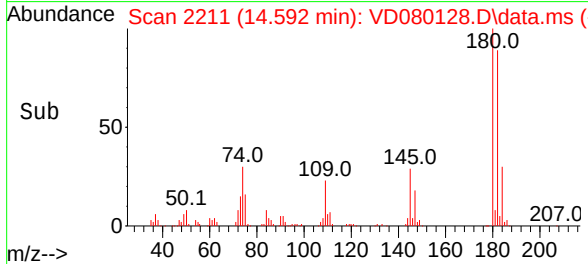
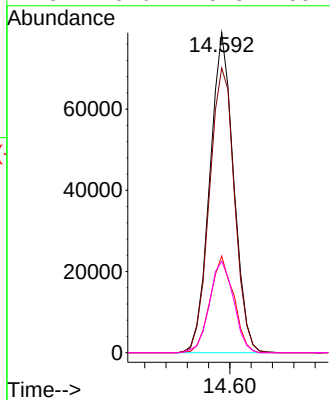
Ion Ratio Lower Upper

180 100

182 93.6 75.0 112.6

184 29.9 23.4 35.2

145 29.0 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 25.835 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080128.D

Acq: 11 Dec 2024 14:39

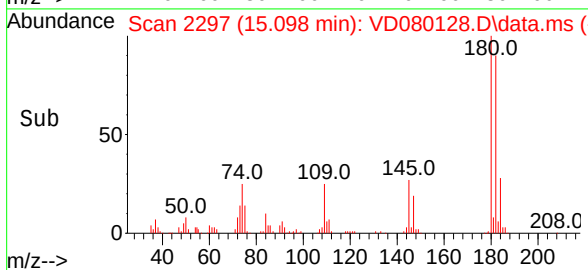
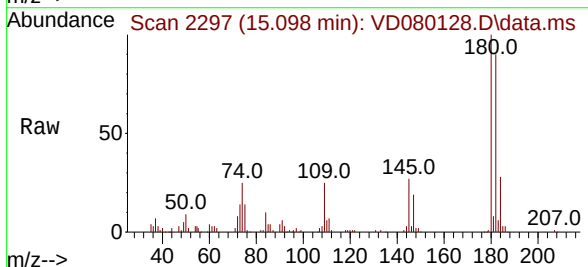
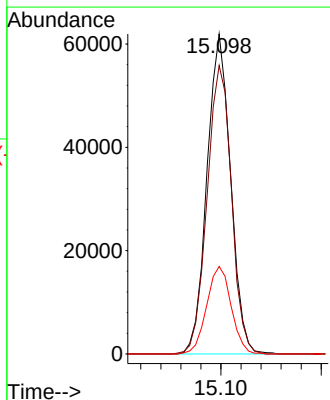
Tgt Ion:180 Resp: 101607

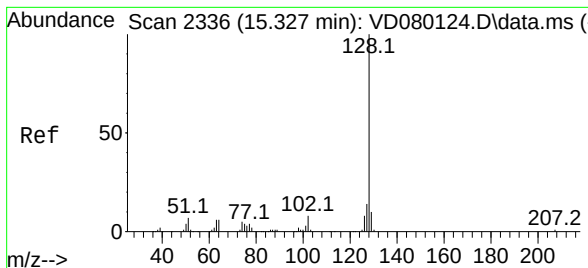
Ion Ratio Lower Upper

180 100

182 92.4 77.0 115.4

145 28.3 23.4 35.2

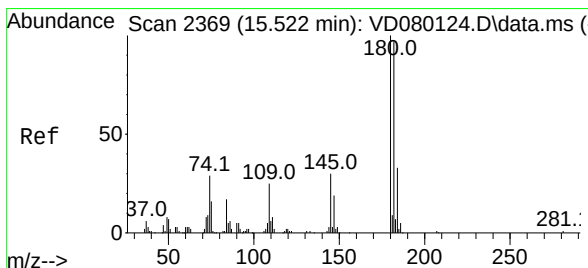
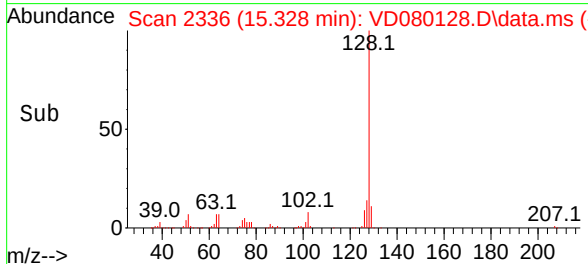
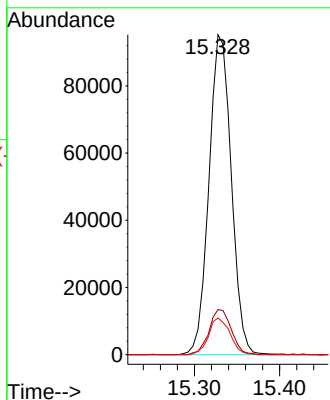
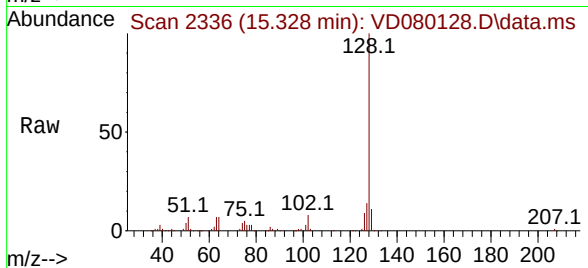




#71
Naphthalene
Concen: 23.267 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 173847
Ion Ratio Lower Upper
128 100
127 14.0 11.2 16.8
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.787 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080128.D
Acq: 11 Dec 2024 14:39

Tgt Ion:180 Resp: 90193
Ion Ratio Lower Upper
180 100
182 96.6 78.1 117.1
145 31.1 25.8 38.8

