

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079991.D
 Acq On : 12 Nov 2024 10:35
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 01:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	240767	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	234724	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	24420	6.804	ug/L	0.00
7) Chloroethane-d5	2.799	69	19314	6.488	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	8386	5.700	ug/L	0.00
21) 2-Butanone-d5	6.987	46	6254	8.208	ug/L	0.00
24) Chloroform-d	7.569	84	33903	4.958	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	18671	5.035	ug/L	0.00
32) Benzene-d6	8.199	84	67680	5.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	22416	5.148	ug/L	0.00
41) Toluene-d8	10.269	98	58566	4.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	8954	5.109	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	4805	7.494	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	17349	4.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	21972	4.947	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20379	5.566	ug/L	97
3) Chloromethane	2.146	50	17580	5.870	ug/L	100
5) Vinyl chloride	2.287	62	23289	6.194	ug/L	89
6) Bromomethane	2.693	94	14983	5.640	ug/L	91
8) Chloroethane	2.834	64	15407	6.436	ug/L	97
9) Trichlorofluoromethane	3.175	101	33621	5.347	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	19276	5.044	ug/L	99
12) 1,1-Dichloroethene	3.946	96	15519	4.811	ug/L	85
13) Acetone	4.022	43	4440	4.923	ug/L	91
14) Carbon disulfide	4.269	76	57773	5.361	ug/L	100
15) Methyl Acetate	4.569	43	7239	5.162	ug/L #	85
16) Methylene chloride	4.810	84	22347	5.594	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	8020	2.254	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	18226	2.631	ug/L #	86
19) 1,1-Dichloroethane	6.110	63	34602	5.214	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	17709	4.571	ug/L	91
22) 2-Butanone	7.093	43	8790	8.320	ug/L	99
23) Bromochloromethane	7.434	128	9476	4.925	ug/L	94
25) Chloroform	7.599	83	38900	5.071	ug/L	99
27) 1,2-Dichloroethane	8.322	62	23435	5.232	ug/L	99
29) Cyclohexane	7.875	56	22316	4.398	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	30884	5.142	ug/L	99
31) Carbon tetrachloride	7.993	117	26680	5.059	ug/L	96
33) Benzene	8.251	78	72923	4.971	ug/L	100
34) Trichloroethene	9.028	95	19717	5.012	ug/L	94
35) Methylcyclohexane	9.275	83	25402	4.418	ug/L	96
37) 1,2-Dichloropropane	9.304	63	21019	5.130	ug/L #	92
38) Bromodichloromethane	9.581	83	26895	5.151	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	27514	4.648	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	17289	8.936	ug/L	96
42) Toluene	10.334	91	76228	4.757	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	24337	4.773	ug/L	94

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 01:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

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

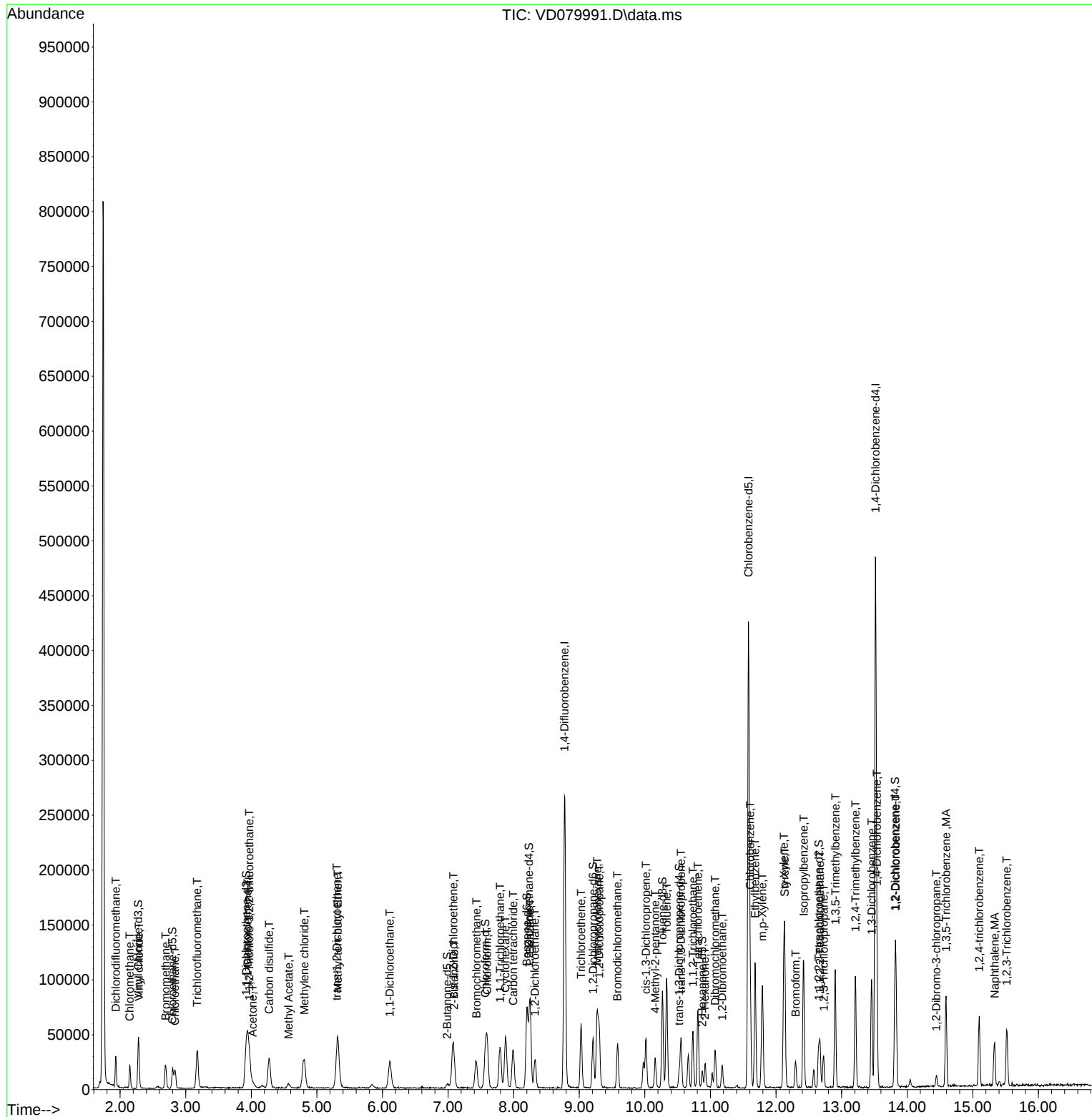
45) 1,1,2-Trichloroethane	10.734	97	15547	4.980	ug/L	92
46) Tetrachloroethene	10.810	164	16486	4.927	ug/L	90
48) 2-Hexanone	10.916	43	13394	8.585	ug/L #	91
49) Dibromochloromethane	11.069	129	19340	5.260	ug/L	88
50) 1,2-Dibromoethane	11.181	107	13882	4.874	ug/L #	81
51) Chlorobenzene	11.604	112	51383	4.891	ug/L	97
52) Ethylbenzene	11.681	91	78591	4.545	ug/L	95
53) m,p-Xylene	11.792	106	30165	4.652	ug/L	89
54) o-Xylene	12.122	106	26133	4.229	ug/L	100
55) Styrene	12.134	104	48112	4.327	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	17995	4.963	ug/L	96
59) Bromoform	12.298	173	11083	4.685	ug/L #	97
60) Isopropylbenzene	12.422	105	72721	4.151	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	12077	4.834	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	55825	4.057	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	55008	4.015	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	42148	4.901	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	45069	5.003	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	39018	4.910	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	2588	4.754	ug/L	85
69) 1,3,5-Trichlorobenzene	14.592	180	26061	4.486	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	20887	4.267	ug/L	98
71) Naphthalene	15.333	128	34665	4.145	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	18743	4.337	ug/L	98

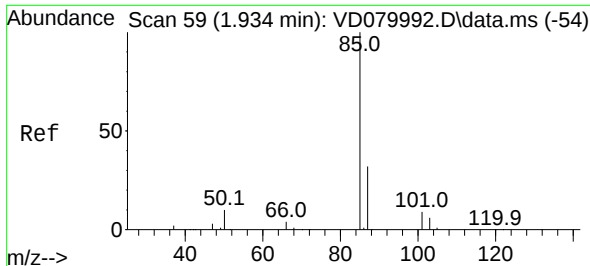
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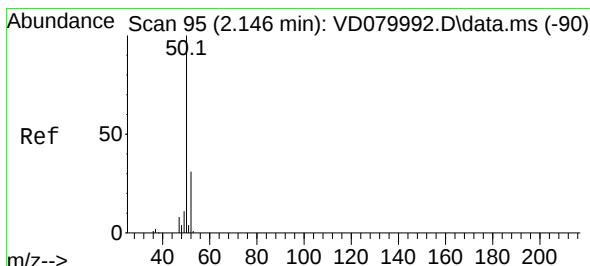
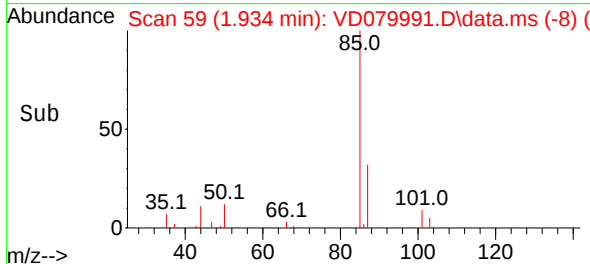
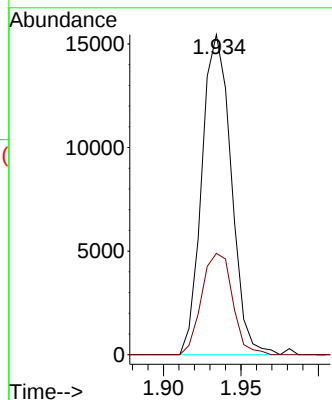
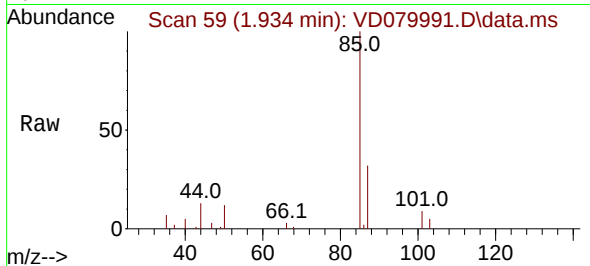




#2
Dichlorodifluoromethane
Concen: 5.566 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

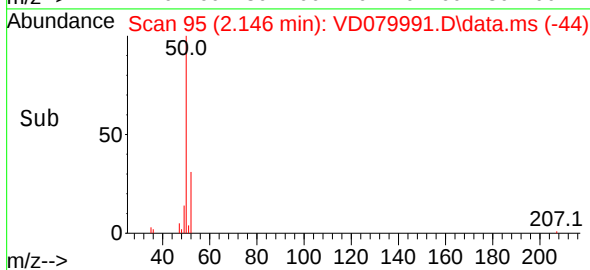
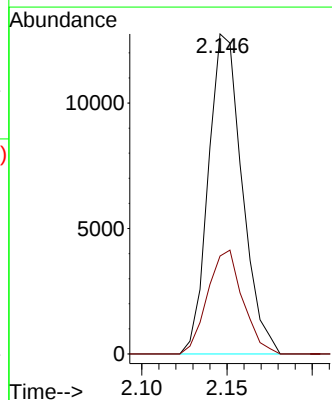
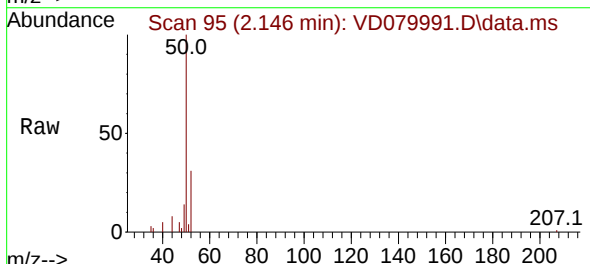
Instrument :
MSVOA_D
ClientSampleId :

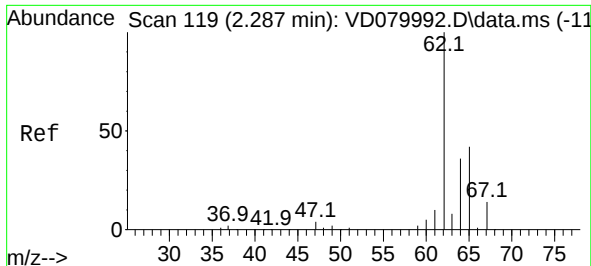
Tgt Ion: 85 Resp: 20379
Ion Ratio Lower Upper
85 100
87 33.3 25.4 38.2



#3
Chloromethane
Concen: 5.870 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion: 50 Resp: 17580
Ion Ratio Lower Upper
50 100
52 30.6 21.6 40.0

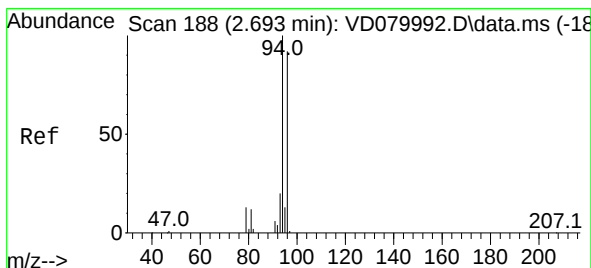
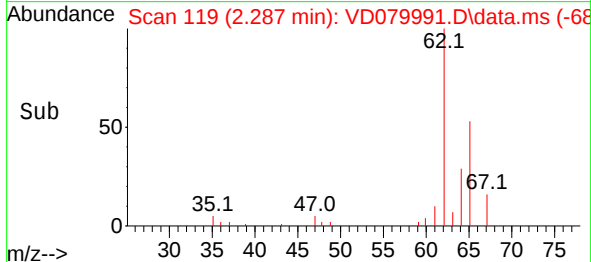
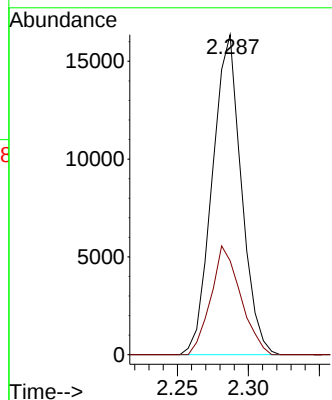
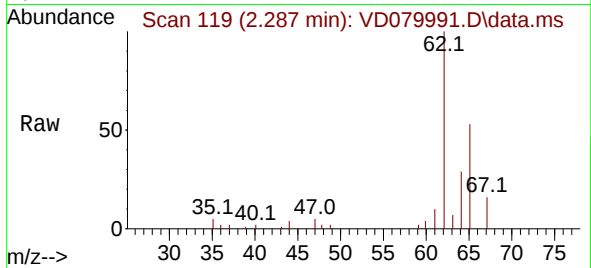




#5
Vinyl chloride
Concen: 6.194 ug/L
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

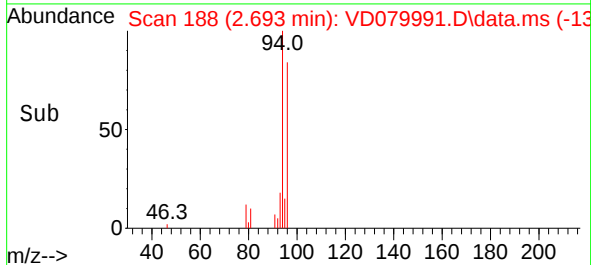
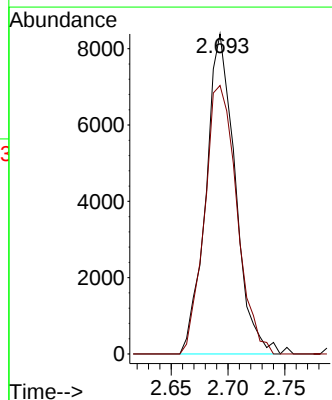
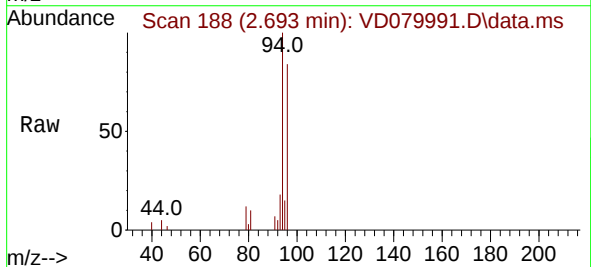
Instrument :
MSVOA_D
ClientSampleId :

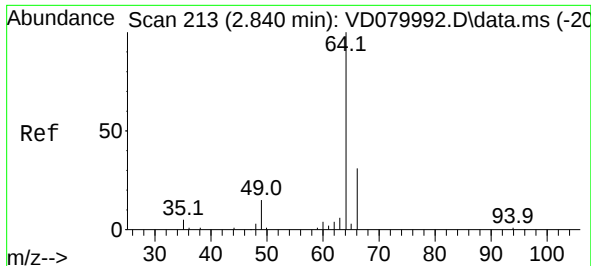
Tgt Ion: 62 Resp: 23289
Ion Ratio Lower Upper
62 100
64 29.4 25.1 46.7



#6
Bromomethane
Concen: 5.640 ug/L
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion: 94 Resp: 14983
Ion Ratio Lower Upper
94 100
96 83.9 64.5 119.7





#8

Chloroethane

Concen: 6.436 ug/L

RT: 2.834 min Scan# 213

Delta R.T. -0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

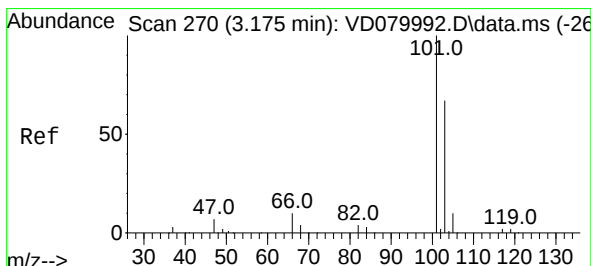
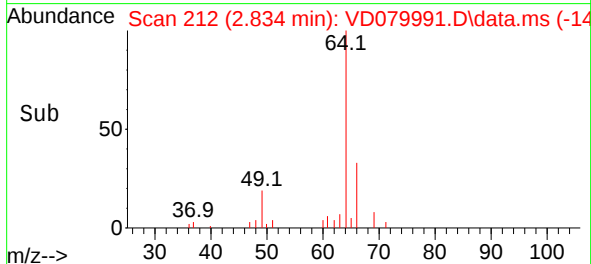
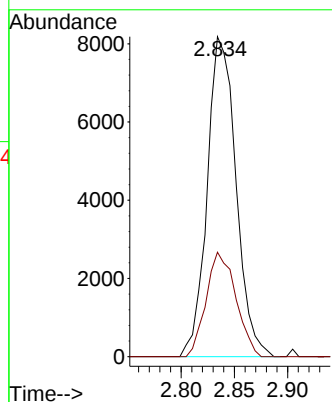
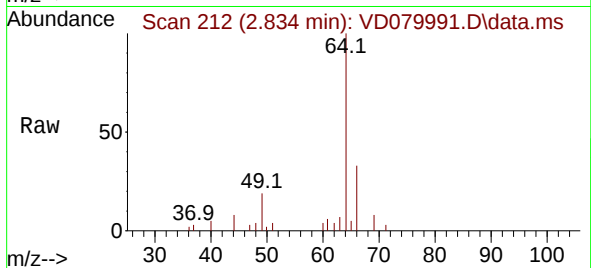
ClientSampleId :

Tgt Ion: 64 Resp: 15407

Ion Ratio Lower Upper

64 100

66 32.7 21.7 40.3



#9

Trichlorofluoromethane

Concen: 5.347 ug/L

RT: 3.175 min Scan# 270

Delta R.T. -0.000 min

Lab File: VD079991.D

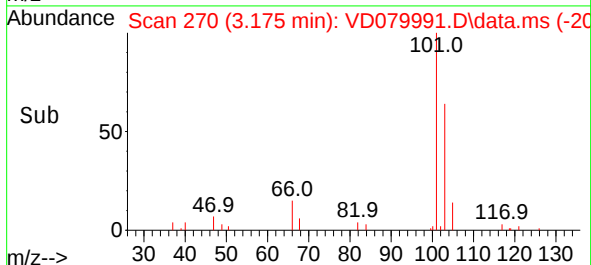
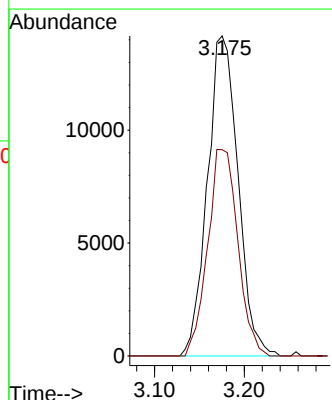
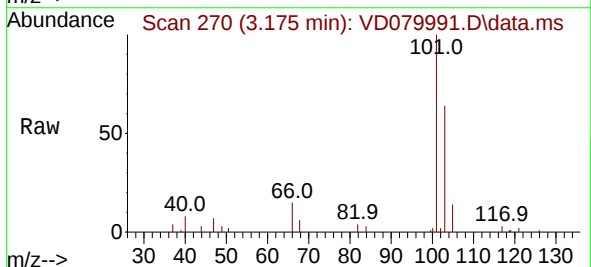
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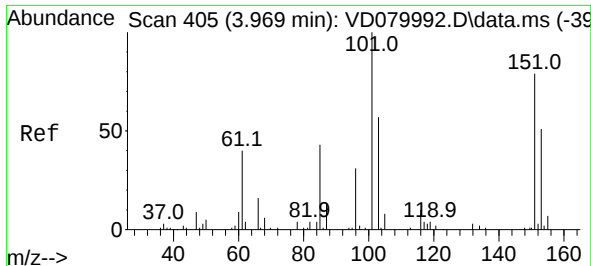
Tgt Ion:101 Resp: 33621

Ion Ratio Lower Upper

101 100

103 63.5 51.8 77.8





#10

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

Concen: 5.044 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

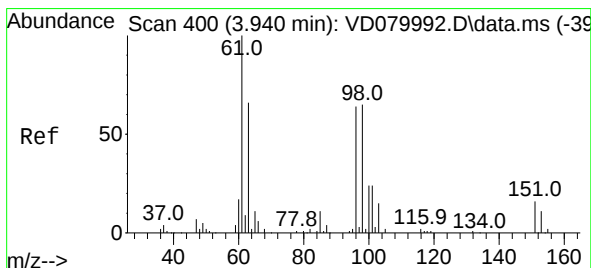
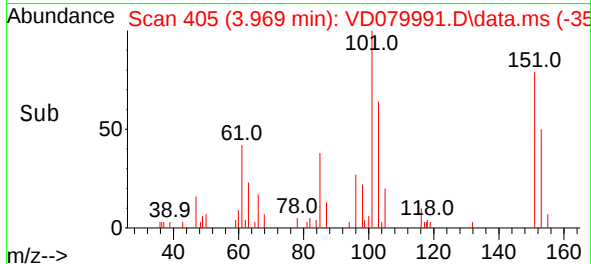
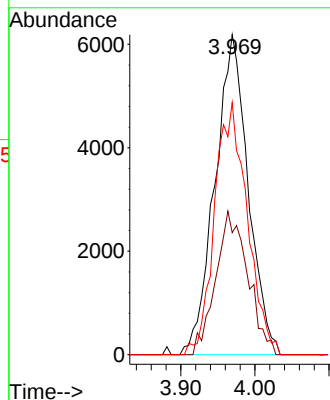
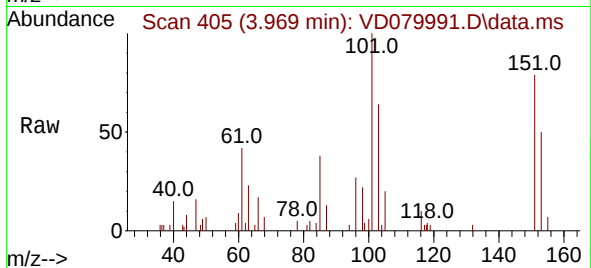
Tgt Ion:101 Resp: 19276

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

151 76.5 60.7 91.1



#12

1,1-Dichloroethene

Concen: 4.811 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

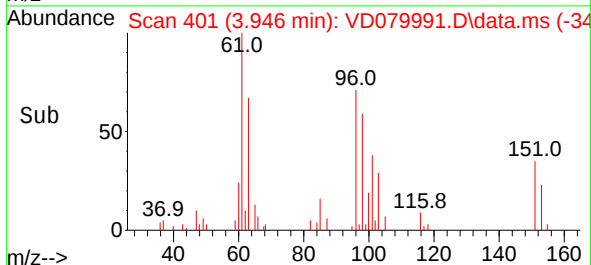
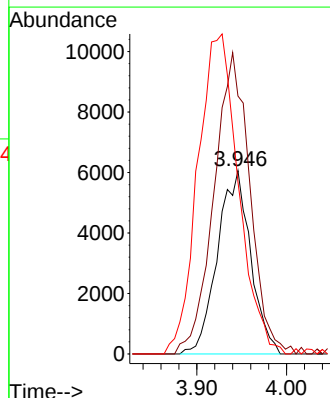
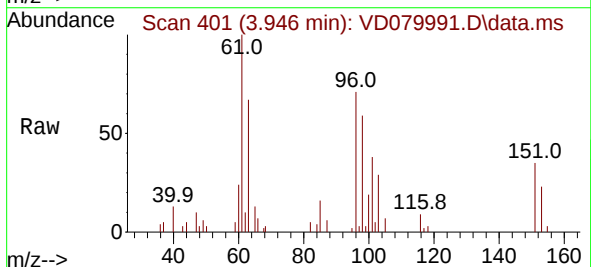
Tgt Ion: 96 Resp: 15519

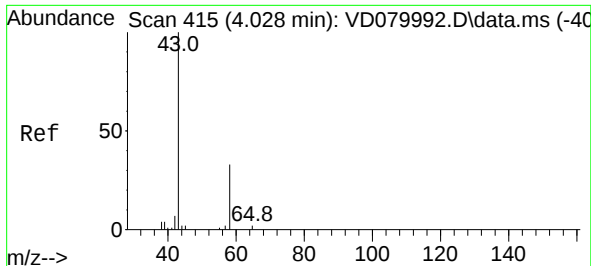
Ion Ratio Lower Upper

96 100

61 140.7 111.2 206.6

63 93.8 78.9 146.5





#13

Acetone

Concen: 4.923 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

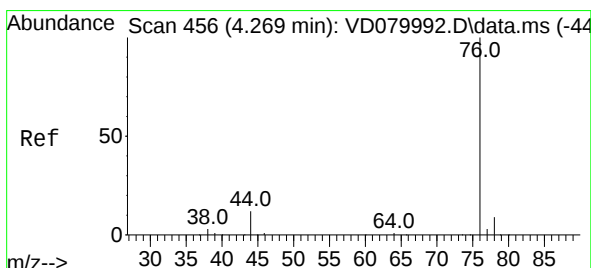
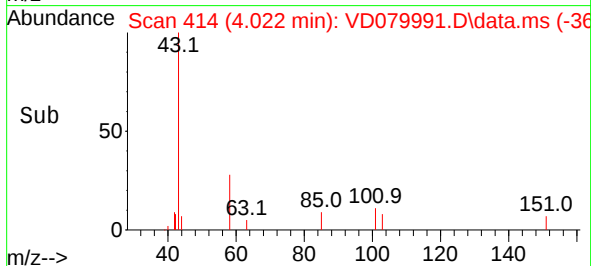
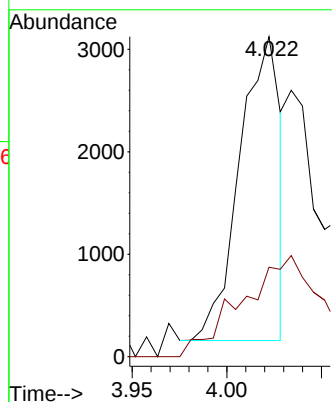
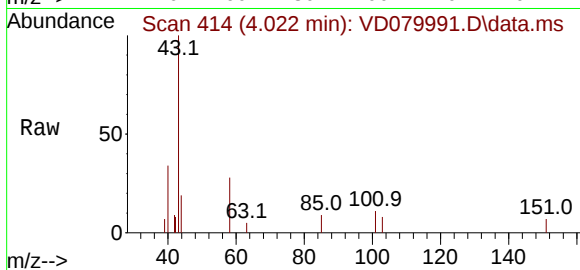
ClientSampleId :

Tgt Ion: 43 Resp: 4440

Ion Ratio Lower Upper

43 100

58 41.2 0.0 71.8



#14

Carbon disulfide

Concen: 5.361 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079991.D

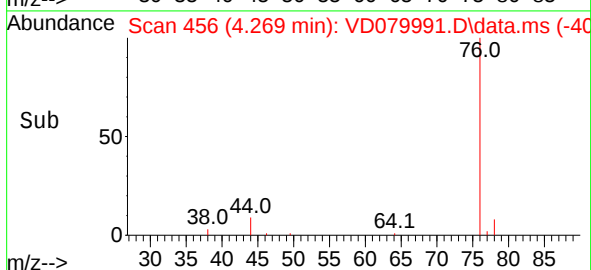
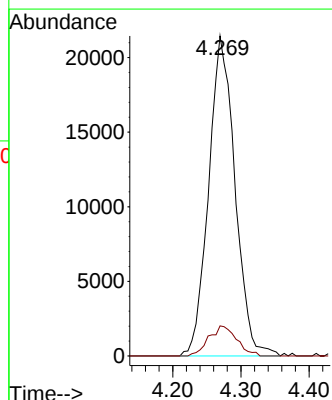
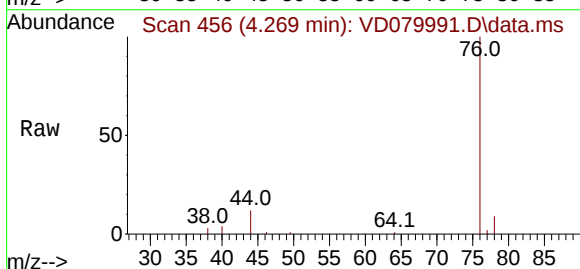
Acq: 12 Nov 2024 10:35

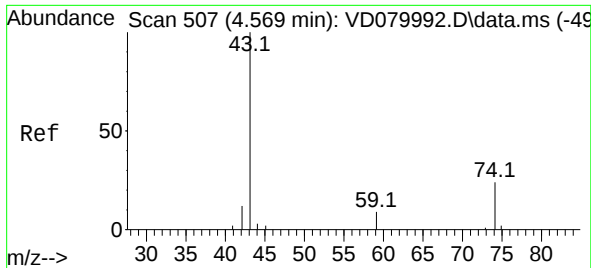
Tgt Ion: 76 Resp: 57773

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 5.162 ug/L

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

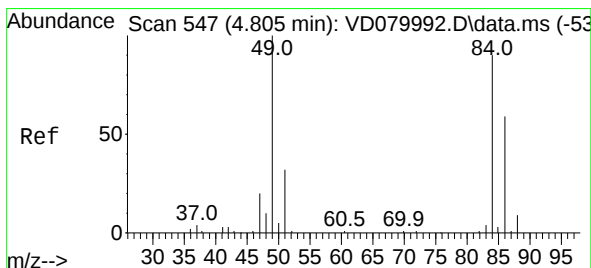
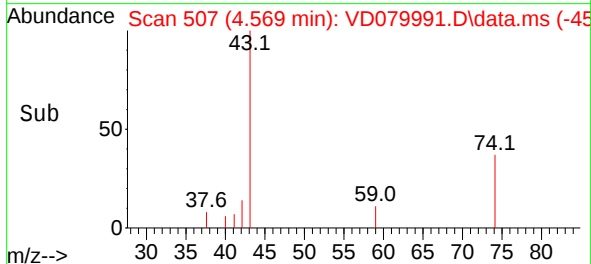
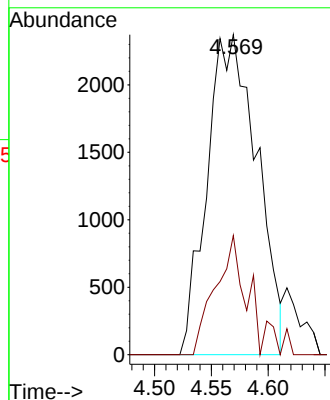
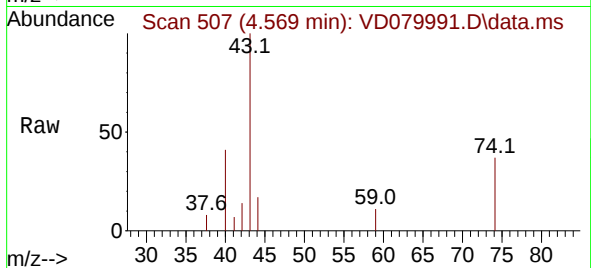
ClientSampleId :

Tgt Ion: 43 Resp: 7239

Ion Ratio Lower Upper

43 100

74 19.5 0.2 0.2#



#16

Methylene chloride

Concen: 5.594 ug/L

RT: 4.810 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

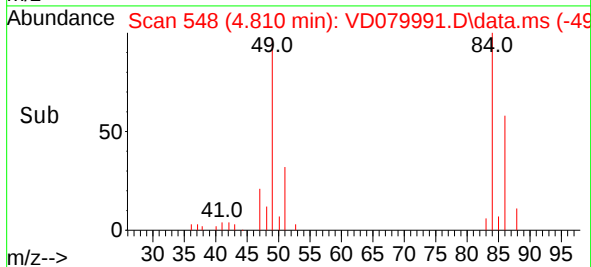
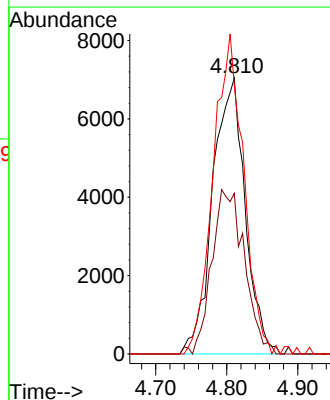
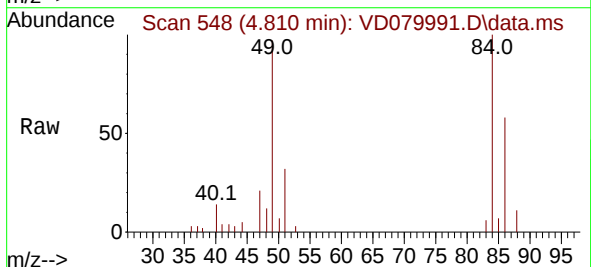
Tgt Ion: 84 Resp: 22347

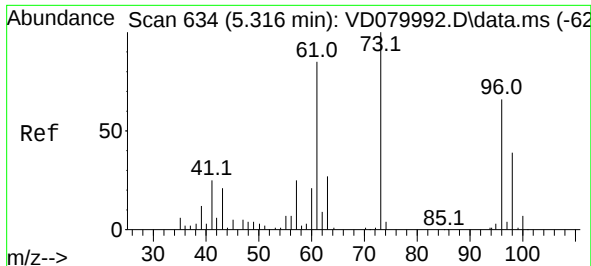
Ion Ratio Lower Upper

84 100

86 58.2 45.4 84.4

49 97.4 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 2.254 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

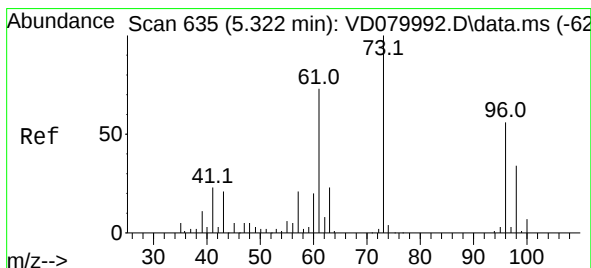
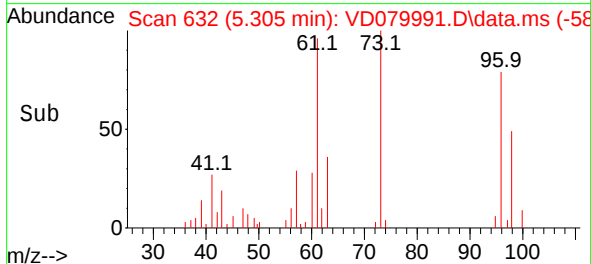
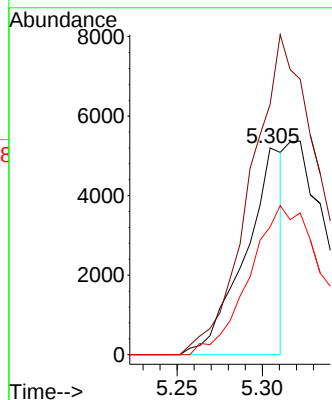
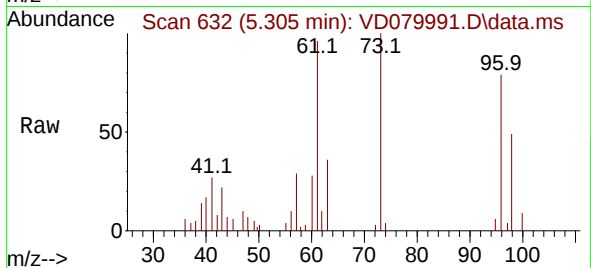
Tgt Ion: 96 Resp: 8020

Ion Ratio Lower Upper

96 100

61 121.1 91.1 169.3

98 61.8 41.6 77.2



#18

Methyl tert-butyl Ether

Concen: 2.631 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

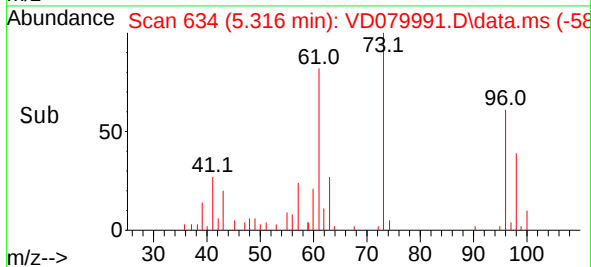
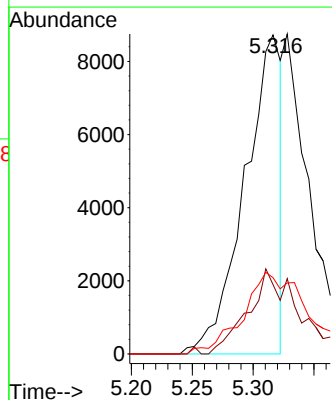
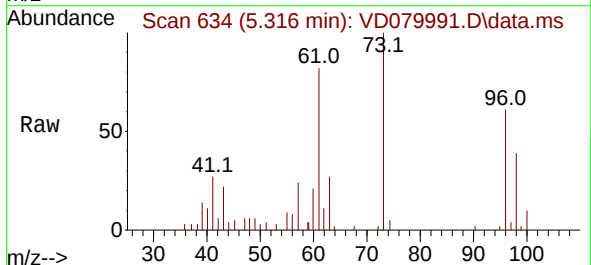
Tgt Ion: 73 Resp: 18226

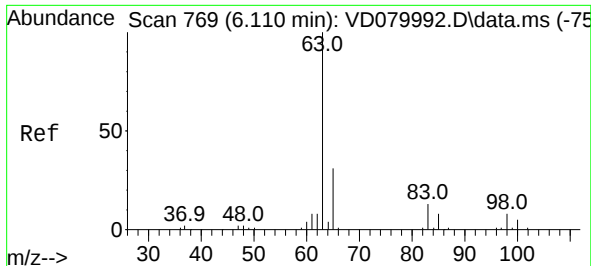
Ion Ratio Lower Upper

73 100

43 22.1 16.1 24.1

57 12.2 18.5 27.7#

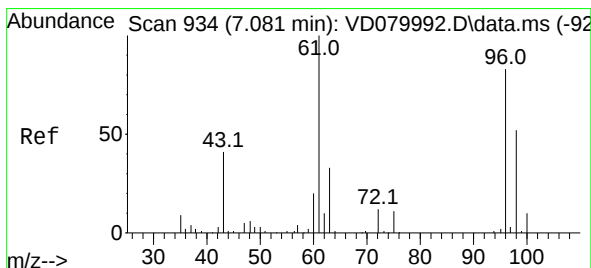
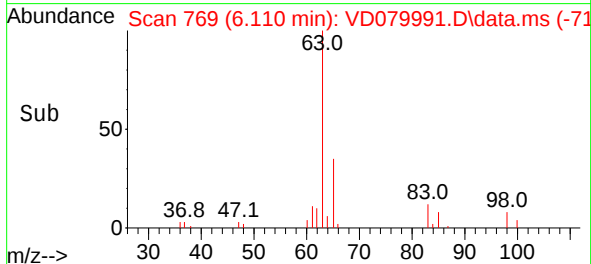
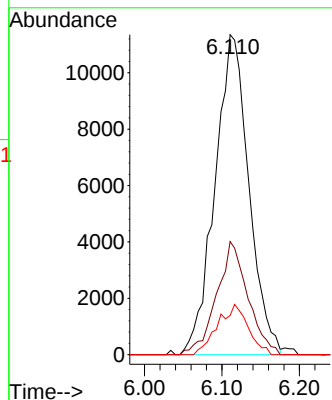
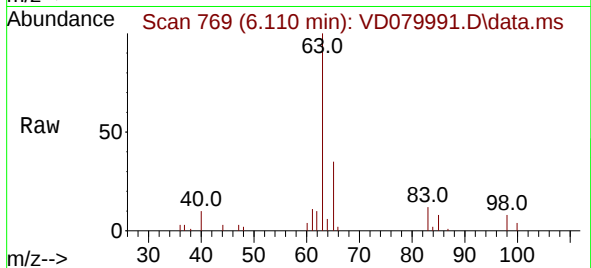




#19
1,1-Dichloroethane
Concen: 5.214 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

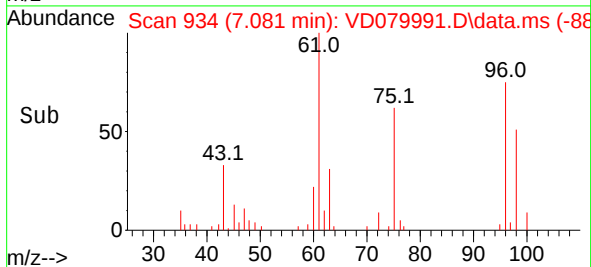
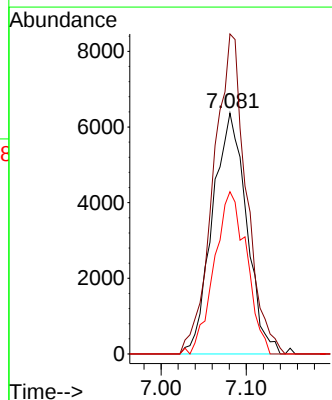
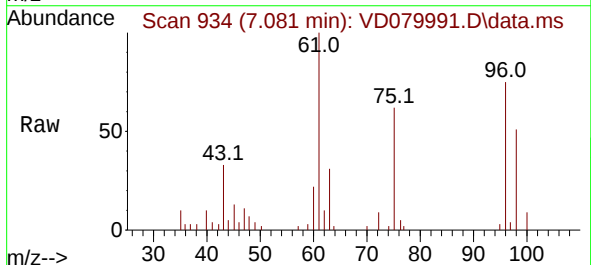
Instrument :
MSVOA_D
ClientSampleId :

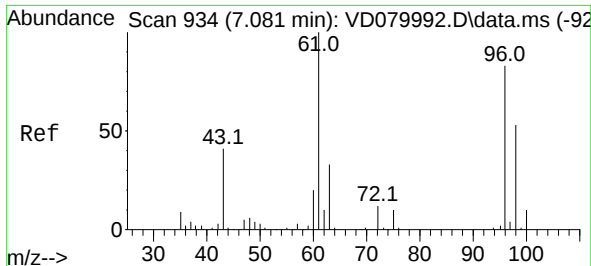
Tgt Ion:	63	Resp:	34602
Ion Ratio	Lower	Upper	
63	100		
65	35.3	21.9	40.7
83	12.3	9.0	16.6



#20
cis-1,2-Dichloroethene
Concen: 4.571 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion:	96	Resp:	17709
Ion Ratio	Lower	Upper	
96	100		
61	132.9	84.8	157.4
98	67.4	44.4	82.5

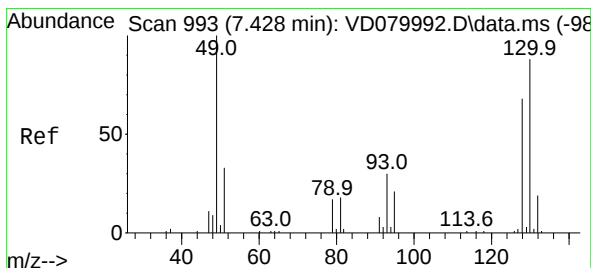
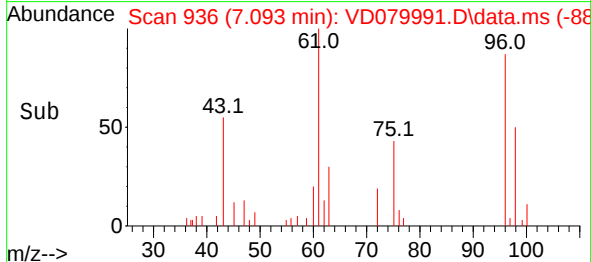
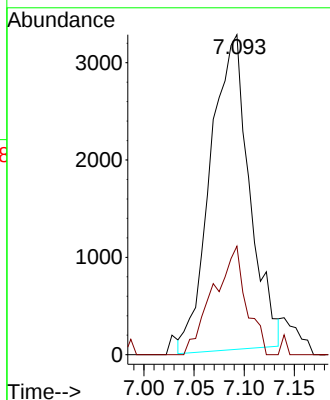
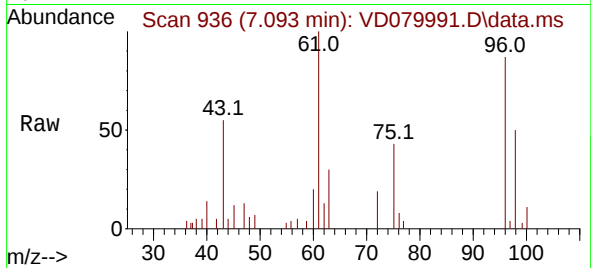




#22
2-Butanone
Concen: 8.320 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

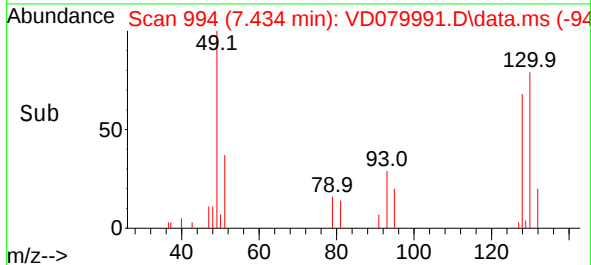
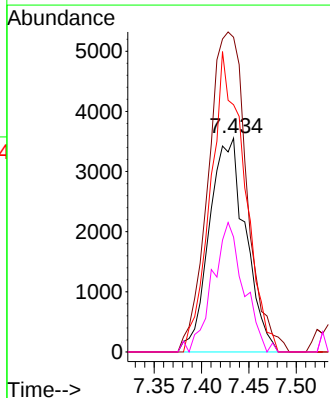
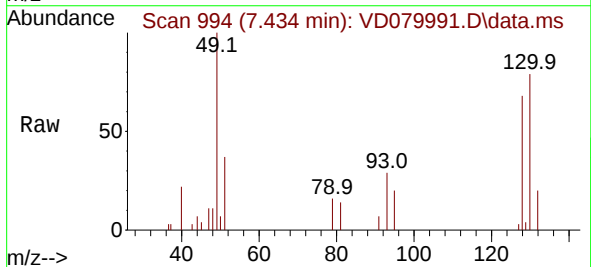
Instrument :
MSVOA_D
ClientSampleId :

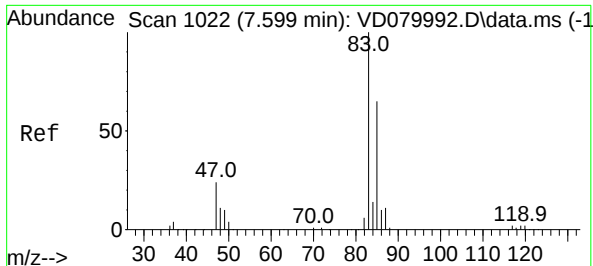
Tgt Ion: 43 Resp: 8790
Ion Ratio Lower Upper
43 100
72 27.8 14.3 42.9



#23
Bromochloromethane
Concen: 4.925 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion:128 Resp: 9476
Ion Ratio Lower Upper
128 100
49 147.2 103.2 191.6
130 115.6 90.6 168.2
51 53.8 38.6 57.8

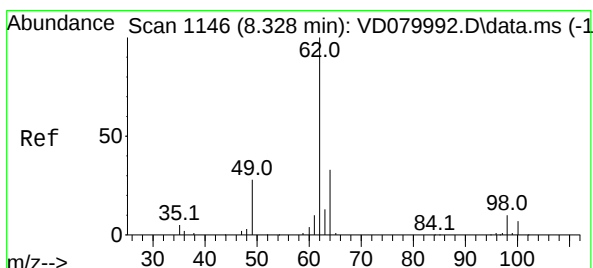
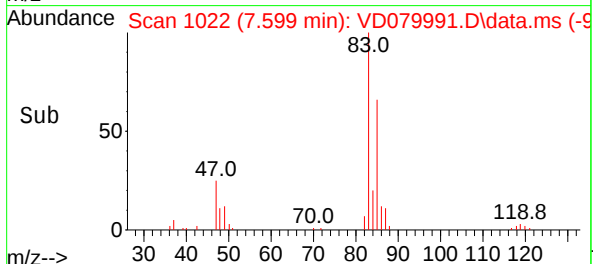
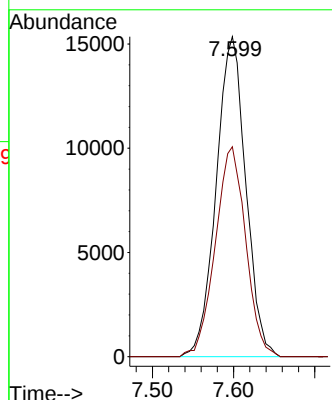
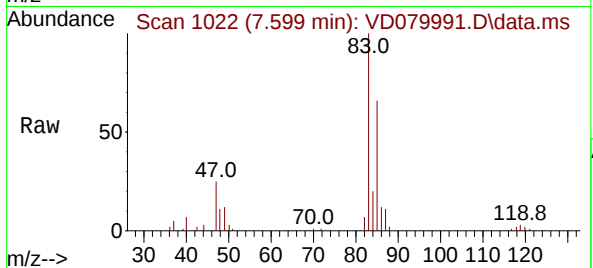




#25
Chloroform
Concen: 5.071 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

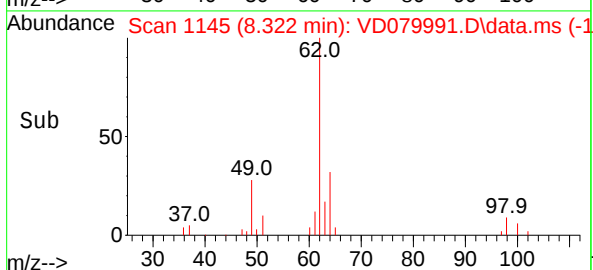
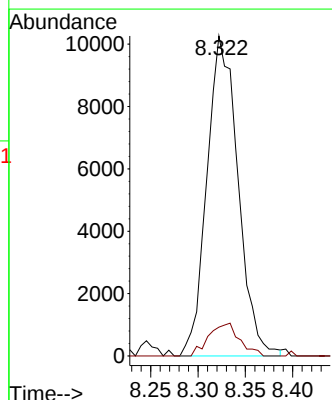
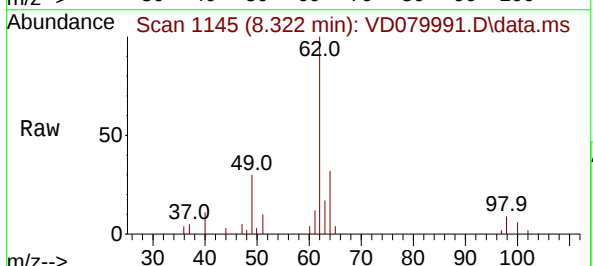
Instrument :
MSVOA_D
ClientSampleId :

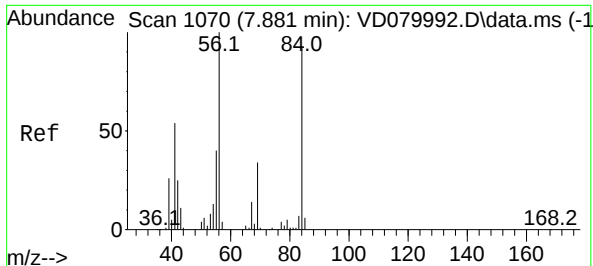
Tgt Ion: 83 Resp: 38900
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.232 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion: 62 Resp: 23435
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3





#29

Cyclohexane

Concen: 4.398 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

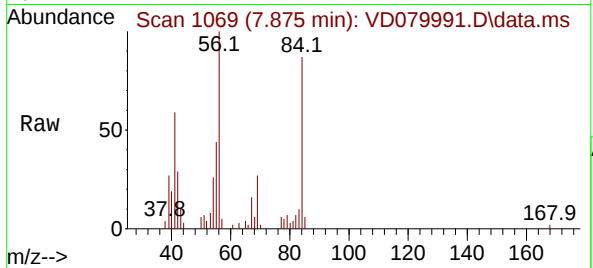
Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :



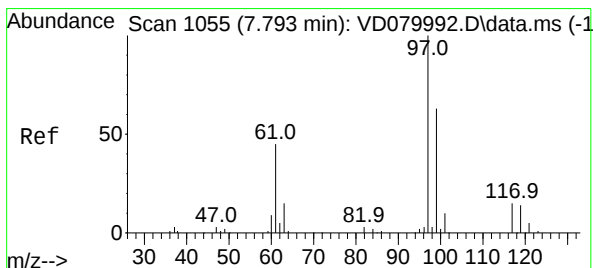
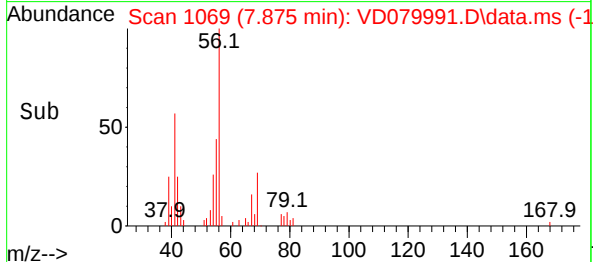
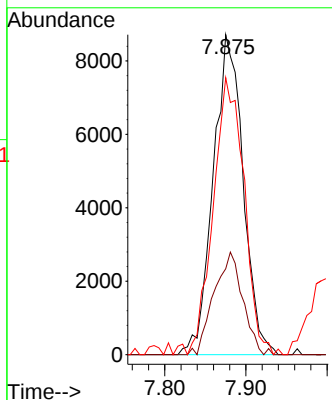
Tgt Ion: 56 Resp: 22316

Ion Ratio Lower Upper

56 100

69 30.3 25.6 38.4

84 88.8 71.0 106.6



#30

1,1,1-Trichloroethane

Concen: 5.142 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

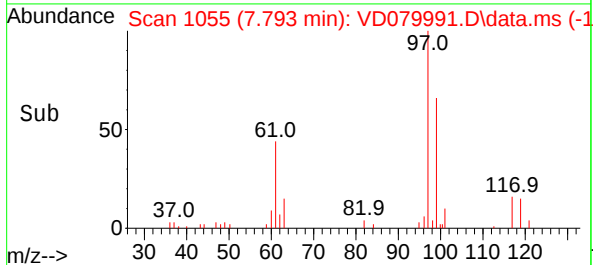
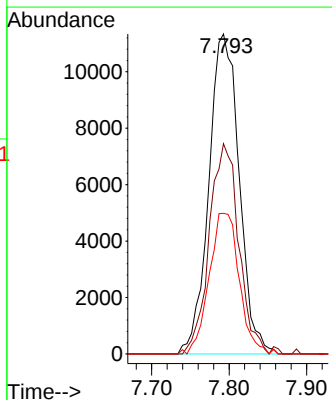
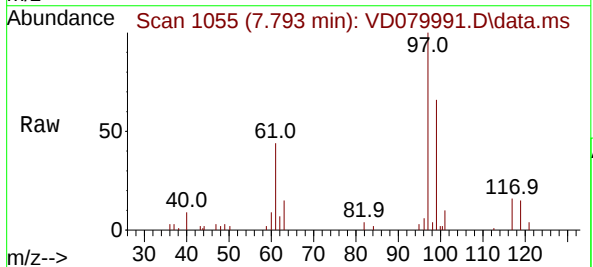
Tgt Ion: 97 Resp: 30884

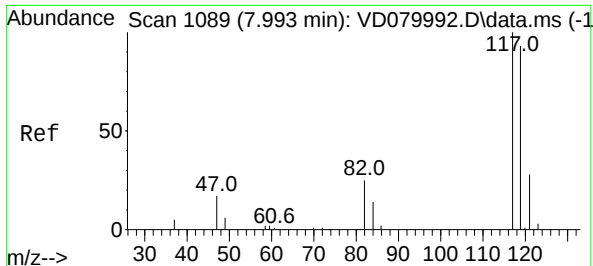
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

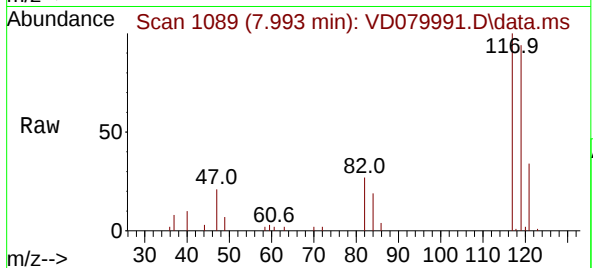
61 43.2 34.3 51.5



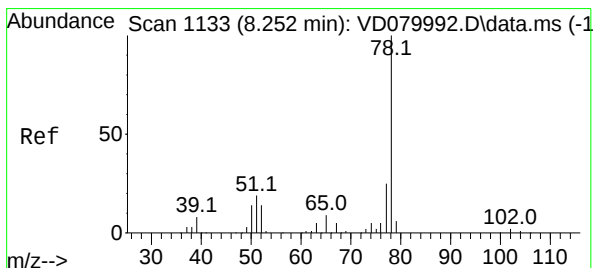
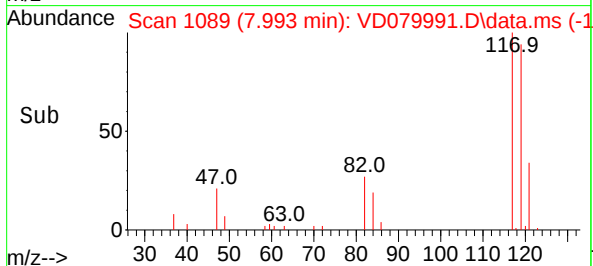
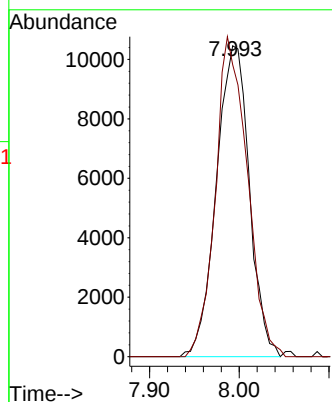


#31
Carbon tetrachloride
Concen: 5.059 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :

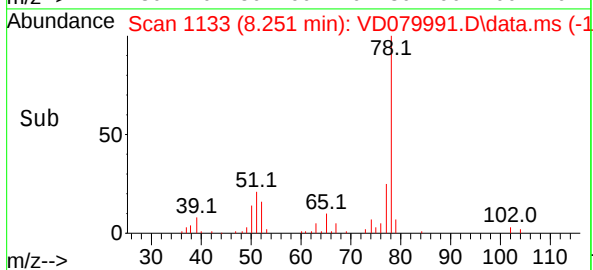
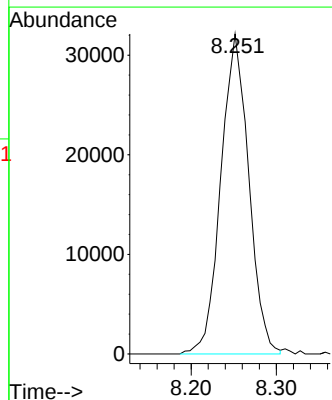
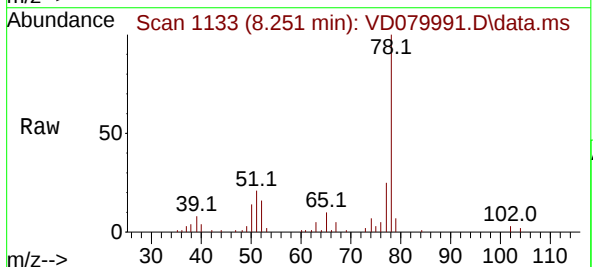


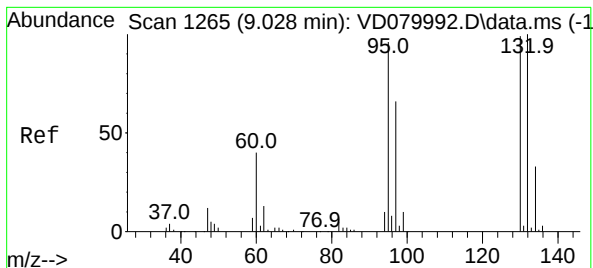
Tgt Ion:117 Resp: 26680
Ion Ratio Lower Upper
117 100
119 99.5 76.8 115.2



#33
Benzene
Concen: 4.971 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion: 78 Resp: 72923





#34

Trichloroethene

Concen: 5.012 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

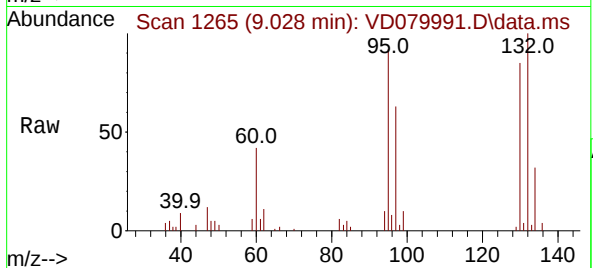
Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 19717

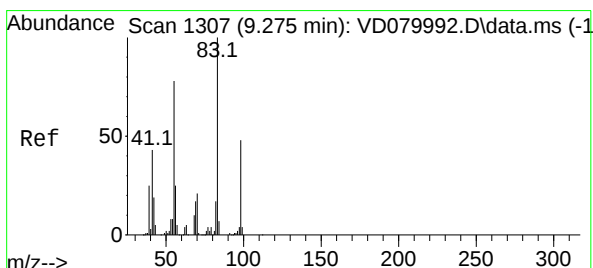
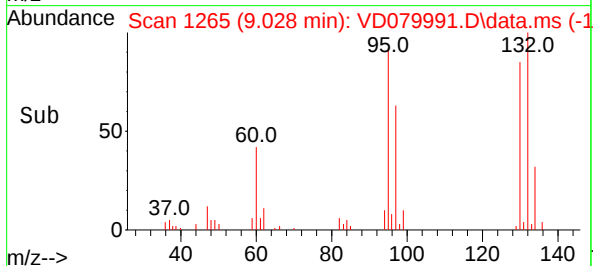
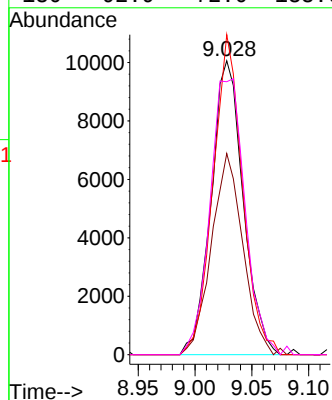
Ion Ratio Lower Upper

95 100

97 68.4 47.7 88.5

132 108.9 72.8 135.2

130 92.9 72.0 133.6



#35

Methylcyclohexane

Concen: 4.418 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

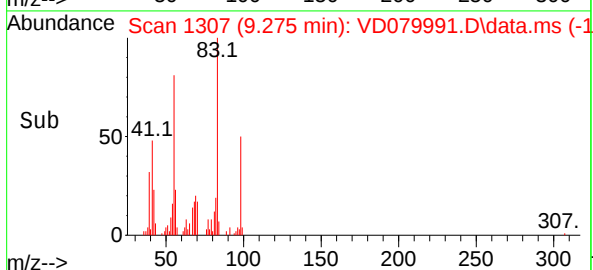
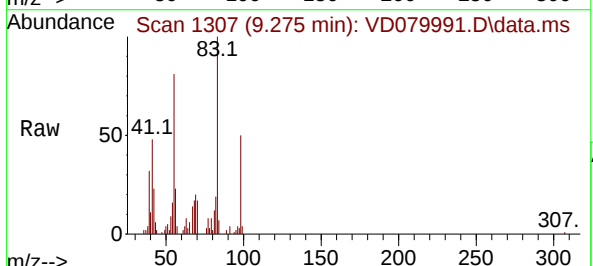
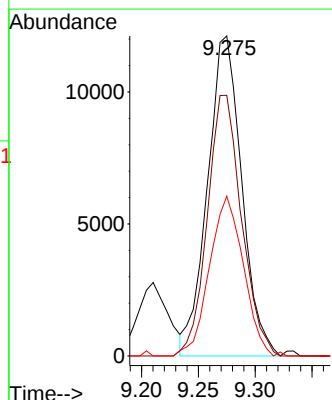
Tgt Ion: 83 Resp: 25402

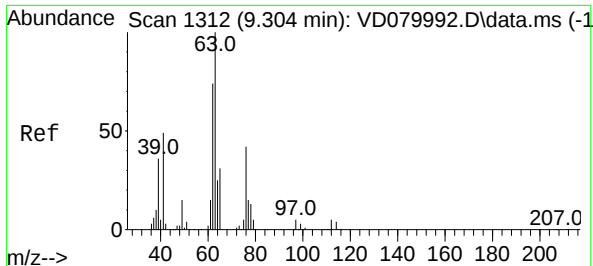
Ion Ratio Lower Upper

83 100

55 81.4 61.2 91.8

98 49.4 38.2 57.2

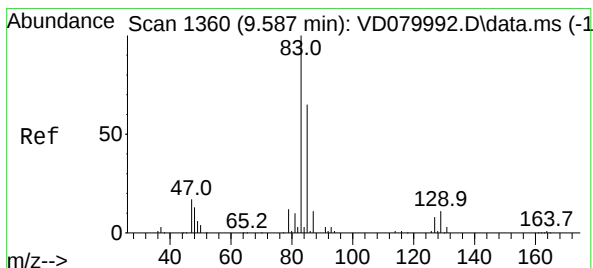
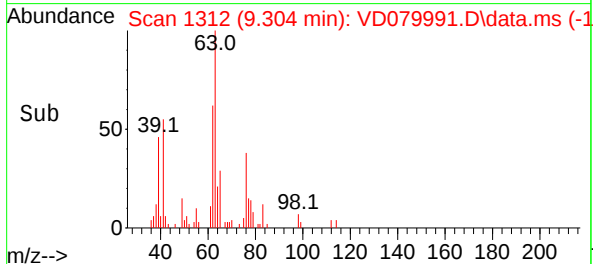
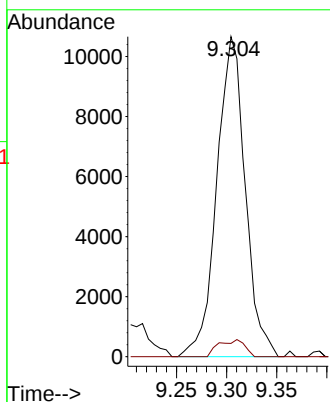
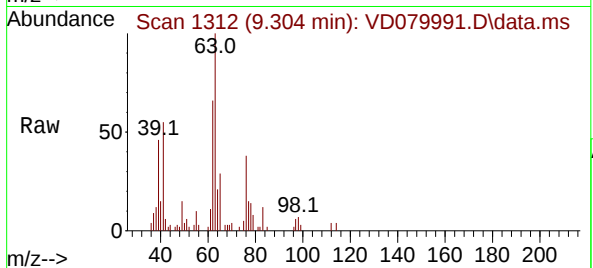




#37
1,2-Dichloropropane
Concen: 5.130 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

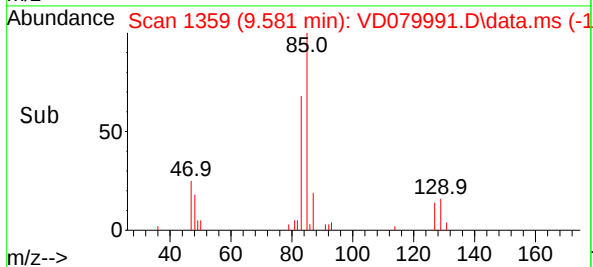
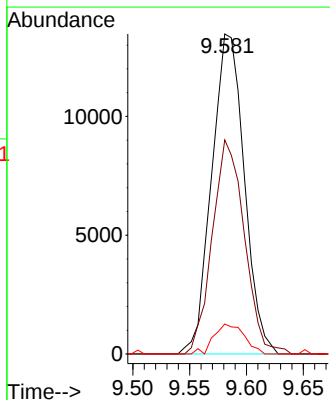
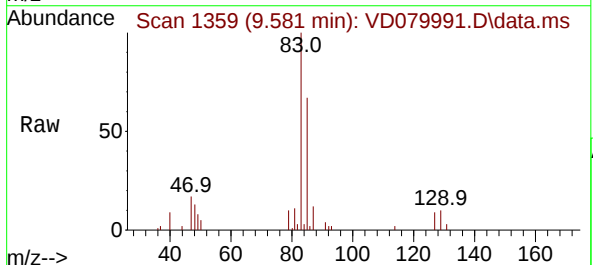
Instrument :
MSVOA_D
ClientSampleId :

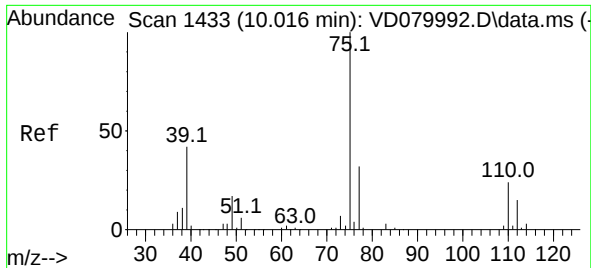
Tgt Ion: 63 Resp: 21019
Ion Ratio Lower Upper
63 100
112 2.1 3.8 5.6#



#38
Bromodichloromethane
Concen: 5.151 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion: 83 Resp: 26895
Ion Ratio Lower Upper
83 100
85 66.9 46.0 85.4
127 9.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.648 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

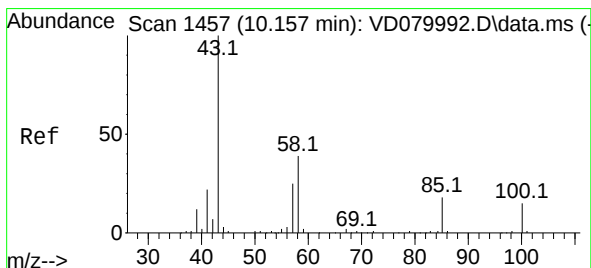
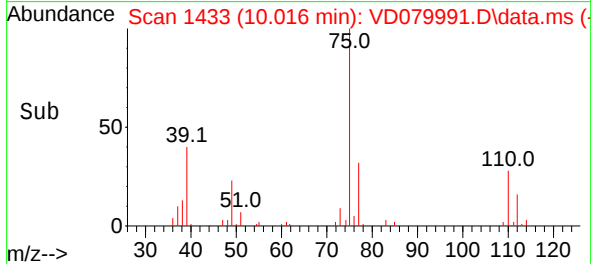
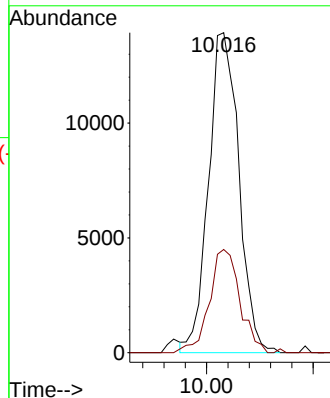
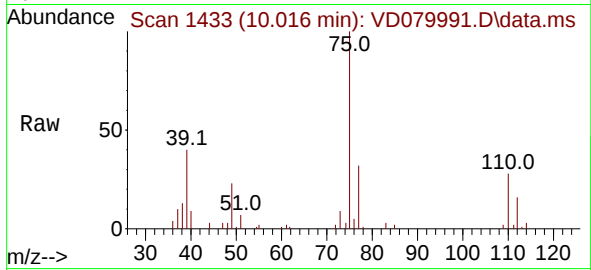
ClientSampleId :

Tgt Ion: 75 Resp: 27514

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 8.936 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

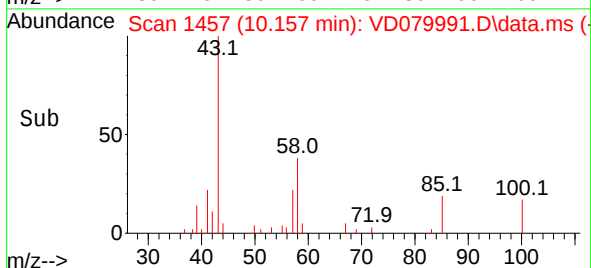
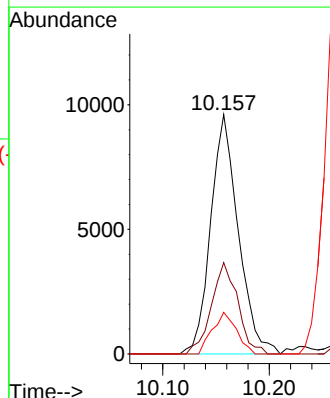
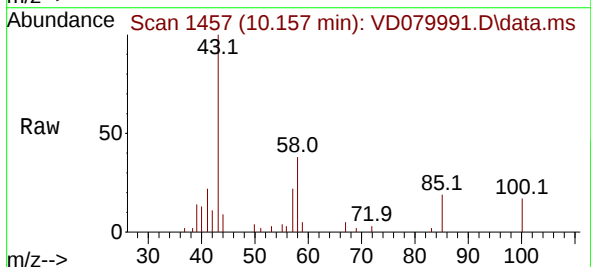
Tgt Ion: 43 Resp: 17289

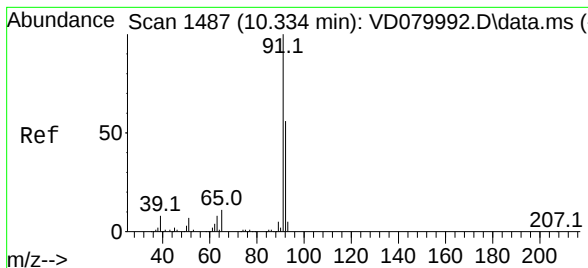
Ion Ratio Lower Upper

43 100

58 36.5 31.5 47.3

100 15.2 12.7 19.1





#42

Toluene

Concen: 4.757 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

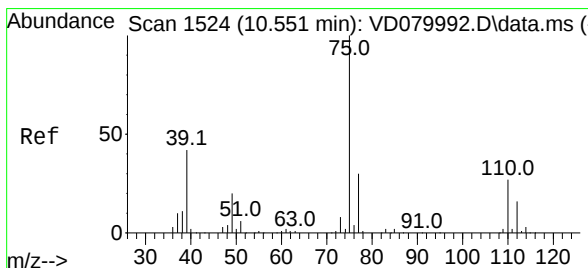
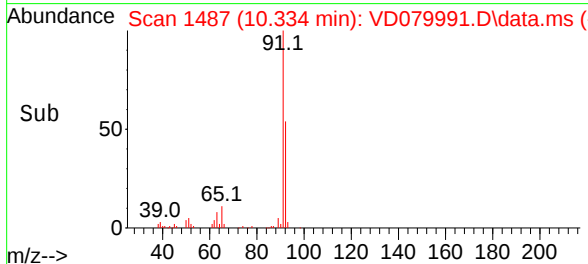
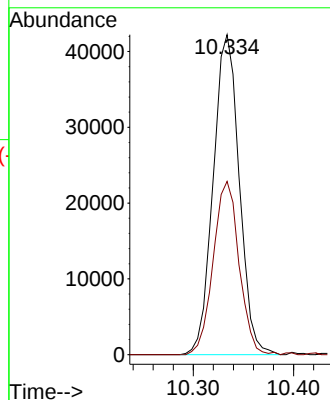
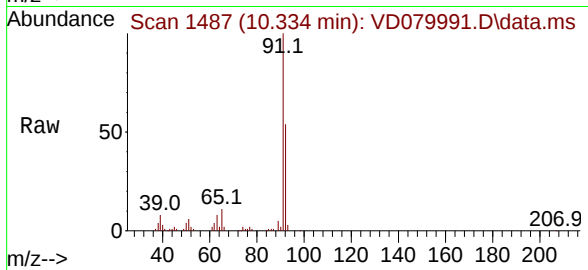
ClientSampleId :

Tgt Ion: 91 Resp: 76228

Ion Ratio Lower Upper

91 100

92 54.2 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 4.773 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079991.D

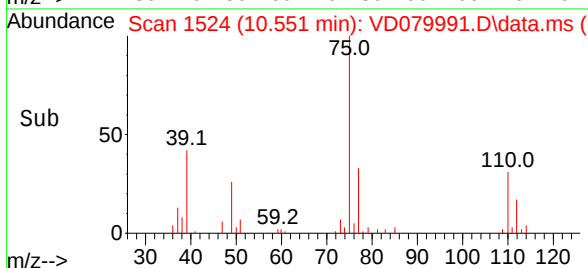
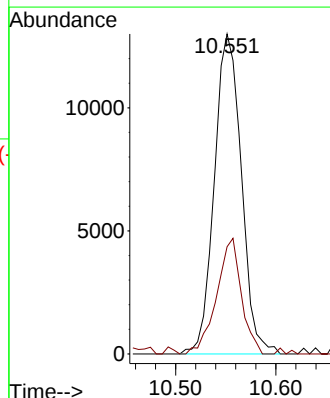
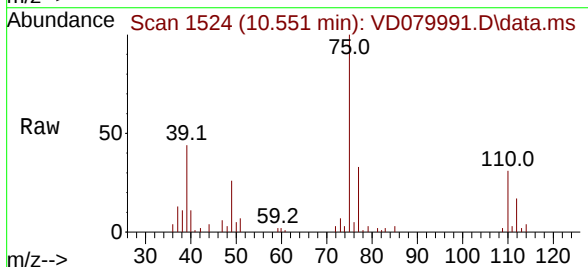
Acq: 12 Nov 2024 10:35

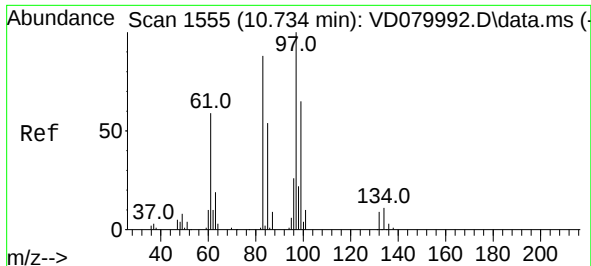
Tgt Ion: 75 Resp: 24337

Ion Ratio Lower Upper

75 100

77 33.5 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 4.980 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 15547

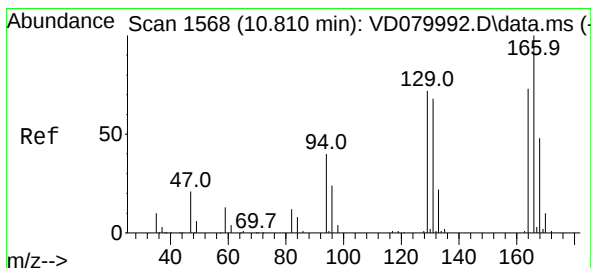
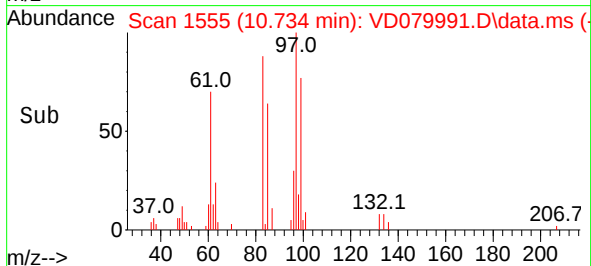
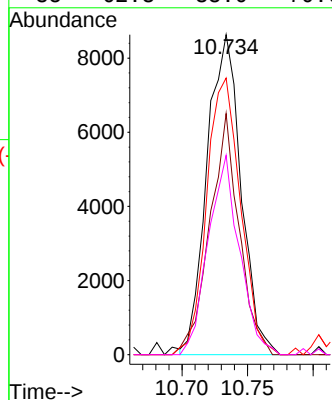
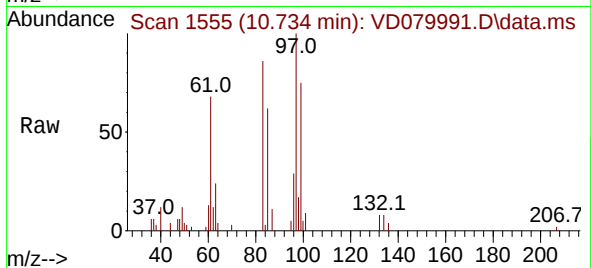
Ion Ratio Lower Upper

97 100

99 75.3 45.2 84.0

83 86.4 61.5 114.3

85 62.3 38.0 70.6



#46

Tetrachloroethene

Concen: 4.927 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Tgt Ion:164 Resp: 16486

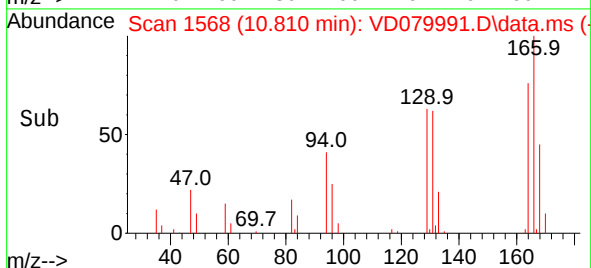
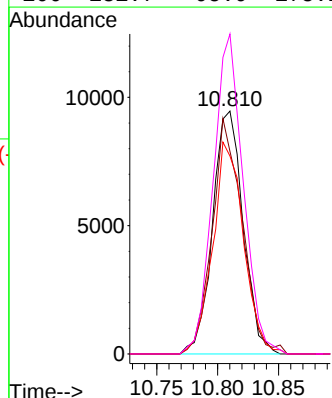
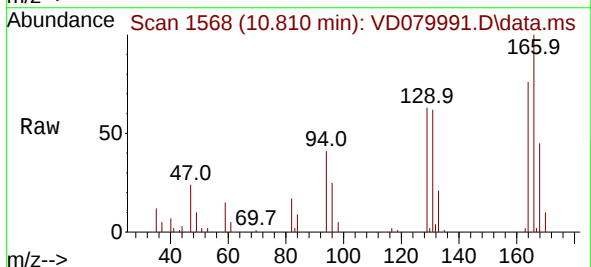
Ion Ratio Lower Upper

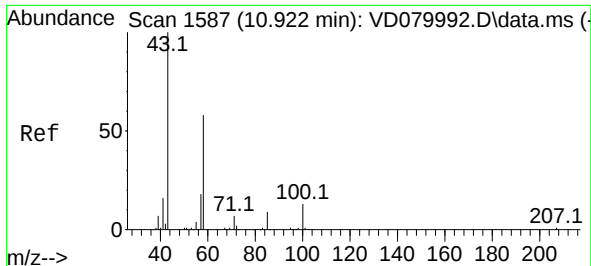
164 100

129 83.4 69.1 128.3

131 81.5 65.4 121.4

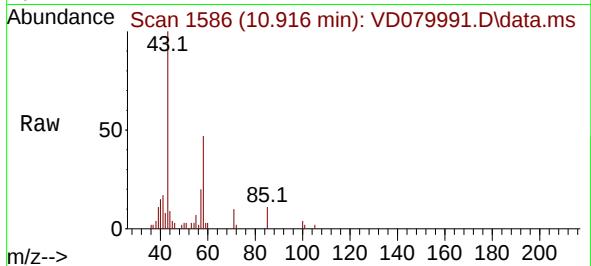
166 131.7 95.9 178.1



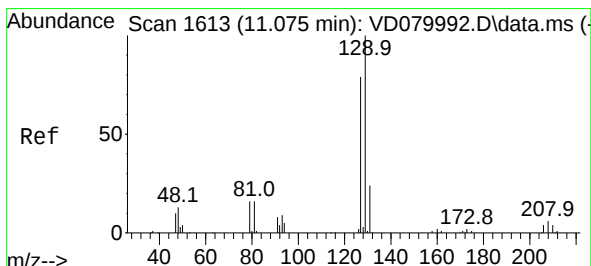
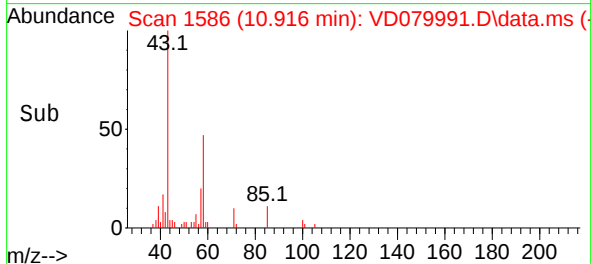
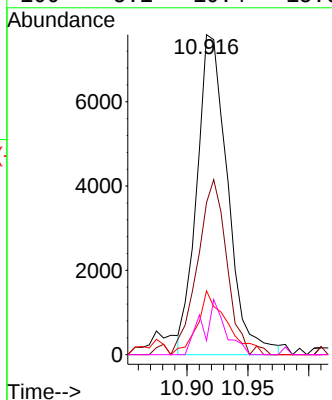


#48
2-Hexanone
Concen: 8.585 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Instrument :
MSVOA_D
ClientSampleId :

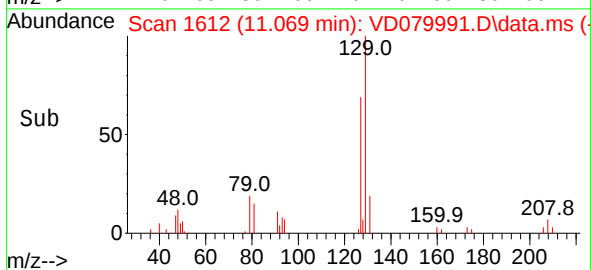
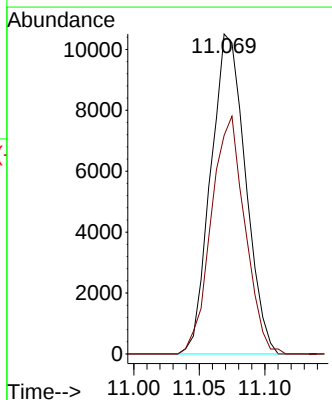
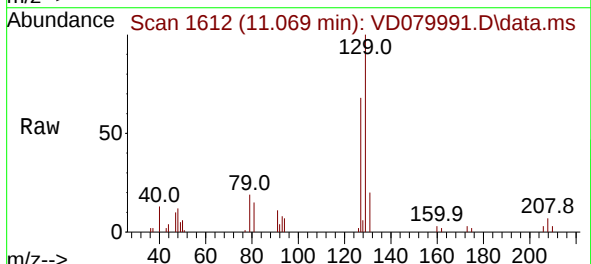


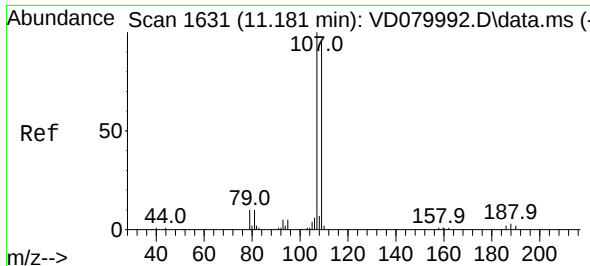
Tgt Ion: 43 Resp: 13394
Ion Ratio Lower Upper
43 100
58 51.0 45.9 68.9
57 17.7 15.2 22.8
100 5.1 10.4 15.6#



#49
Dibromochloromethane
Concen: 5.260 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion: 129 Resp: 19340
Ion Ratio Lower Upper
129 100
127 68.3 54.9 102.1





#50

1,2-Dibromoethane

Concen: 4.874 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079991.D

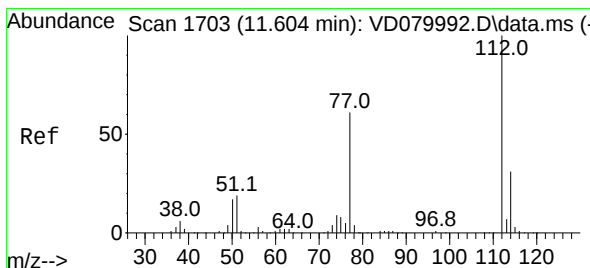
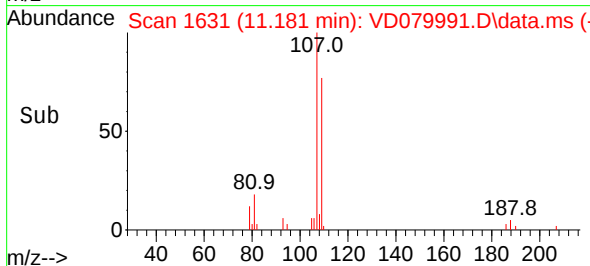
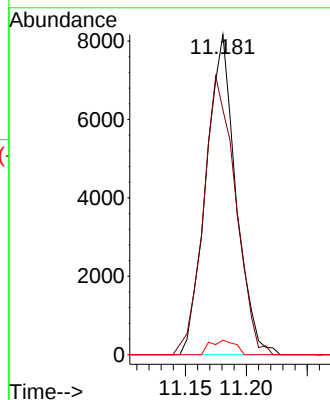
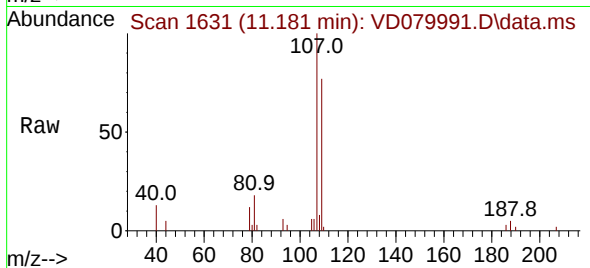
Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	13882
Ion	Ratio	Lower Upper
107	100	
109	76.5	66.6 123.8
188	4.5	2.8 4.2#



#51

Chlorobenzene

Concen: 4.891 ug/L

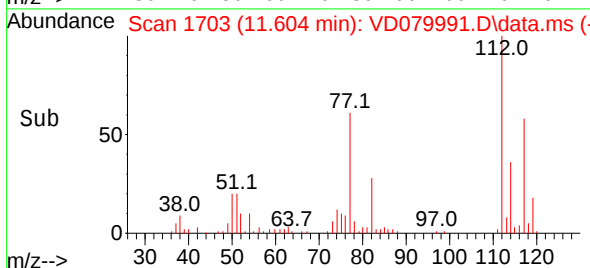
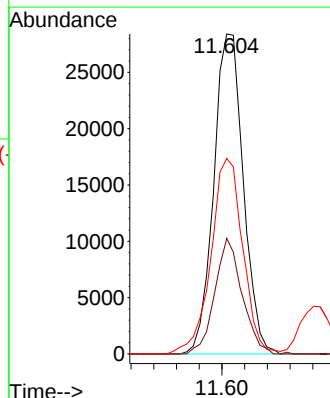
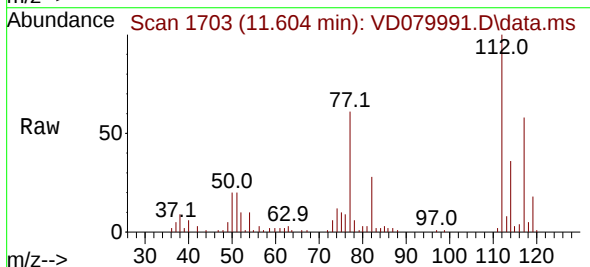
RT: 11.604 min Scan# 1703

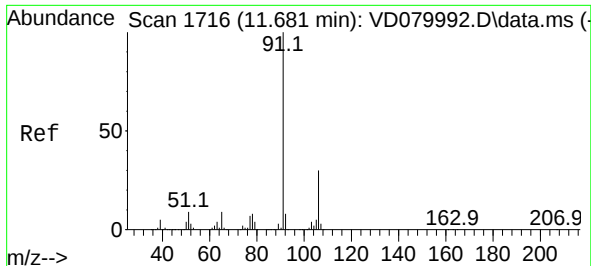
Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Tgt Ion:112	Resp:	51383
Ion	Ratio	Lower Upper
112	100	
114	36.1	21.8 40.4
77	61.1	49.1 73.7





#52

Ethylbenzene

Concen: 4.545 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

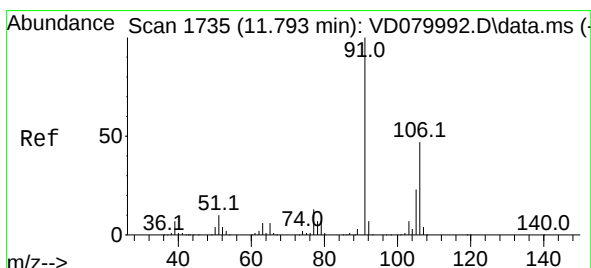
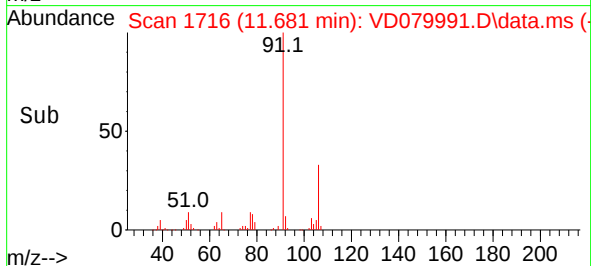
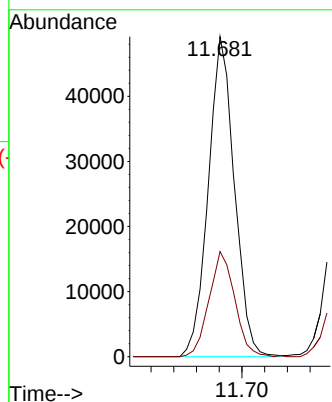
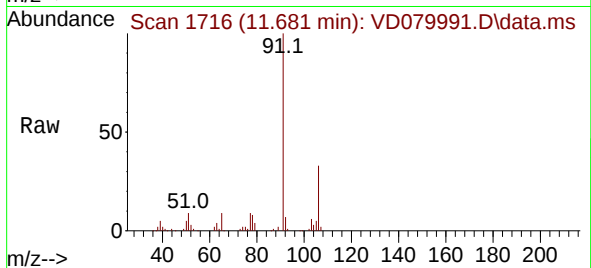
ClientSampleId :

Tgt Ion: 91 Resp: 78591

Ion Ratio Lower Upper

91 100

106 32.8 21.2 39.4



#53

m,p-Xylene

Concen: 4.652 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079991.D

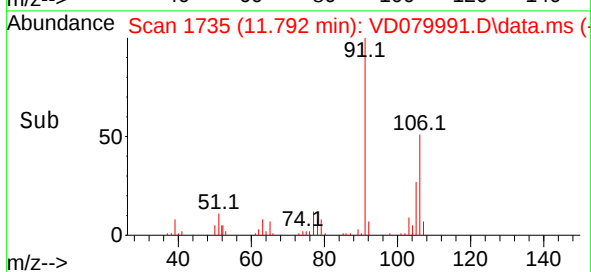
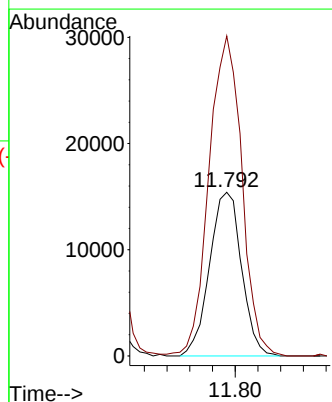
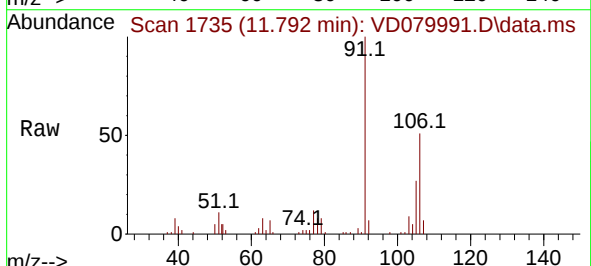
Acq: 12 Nov 2024 10:35

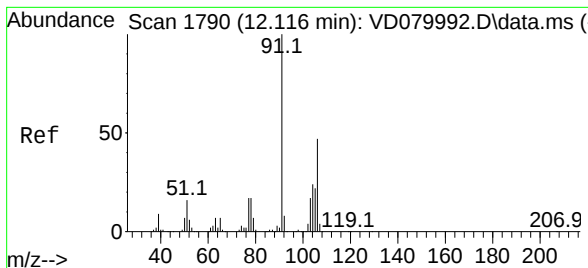
Tgt Ion:106 Resp: 30165

Ion Ratio Lower Upper

106 100

91 195.4 149.3 277.3





#54

o-Xylene

Concen: 4.229 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

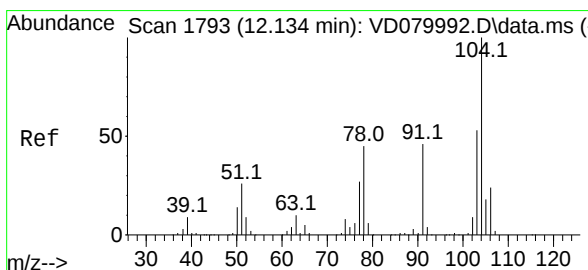
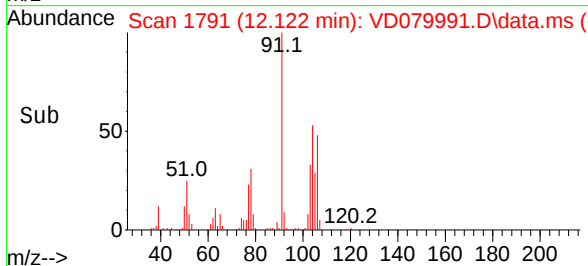
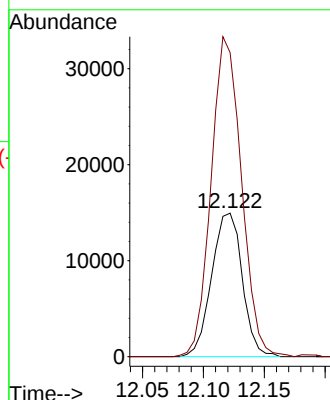
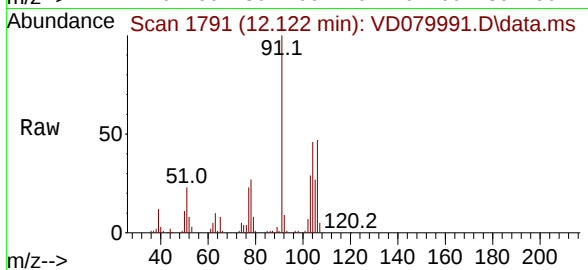
ClientSampleId :

Tgt Ion:106 Resp: 26133

Ion Ratio Lower Upper

106 100

91 211.8 148.0 274.8



#55

Styrene

Concen: 4.327 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079991.D

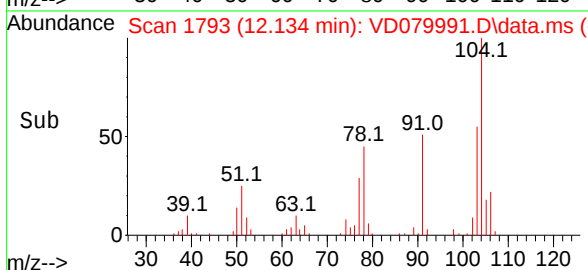
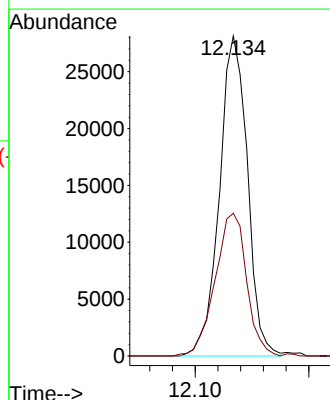
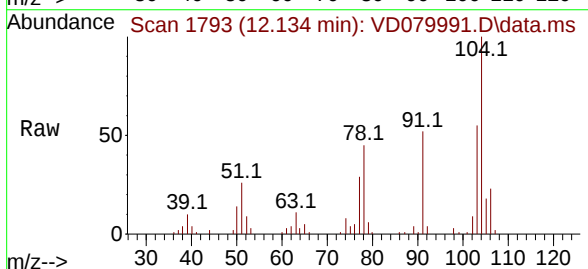
Acq: 12 Nov 2024 10:35

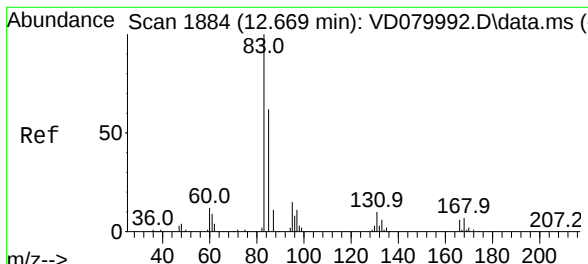
Tgt Ion:104 Resp: 48112

Ion Ratio Lower Upper

104 100

78 44.6 31.6 58.6

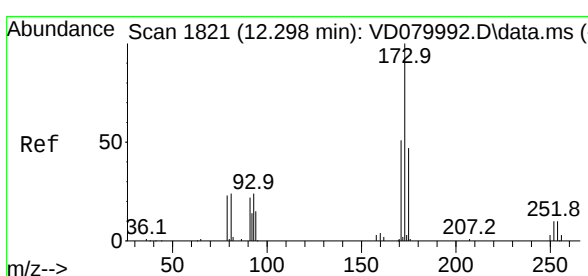
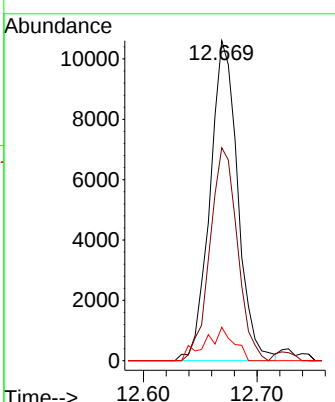
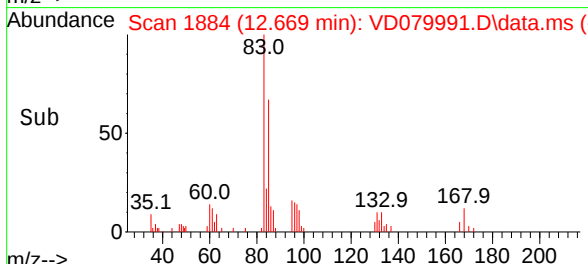
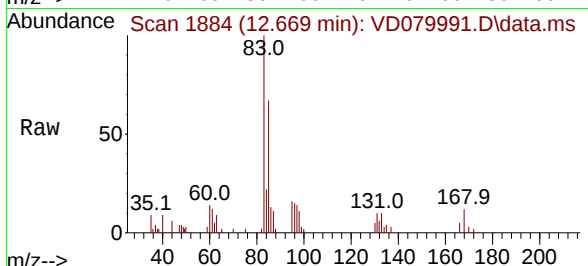




#57
 1,1,2-Tetrachloroethane
 Concen: 4.963 ug/L
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD079991.D
 Acq: 12 Nov 2024 10:35

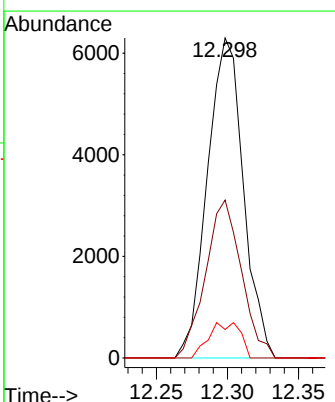
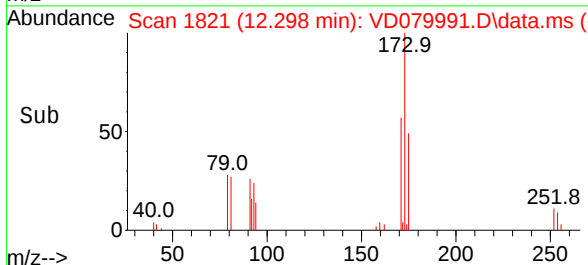
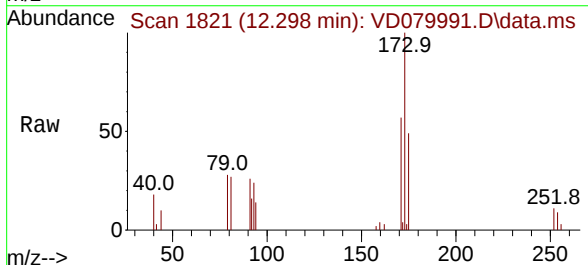
Instrument :
 MSVOA_D
 ClientSampleId :

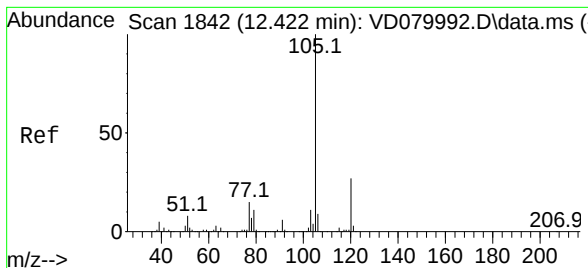
Tgt Ion:	83	Resp:	17995
Ion	Ratio	Lower	Upper
83	100		
85	66.5	44.4	82.4
131	10.5	8.6	13.0



#59
 Bromoform
 Concen: 4.685 ug/L
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD079991.D
 Acq: 12 Nov 2024 10:35

Tgt Ion:	173	Resp:	11083
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.6
254	5.9	8.3	12.5#





#60

Isopropylbenzene

Concen: 4.151 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

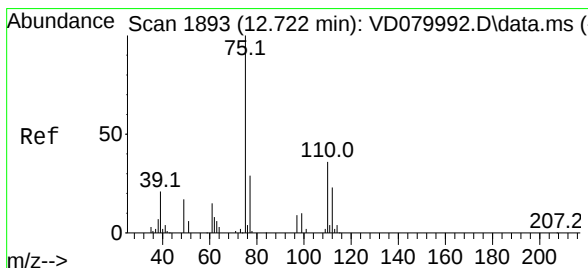
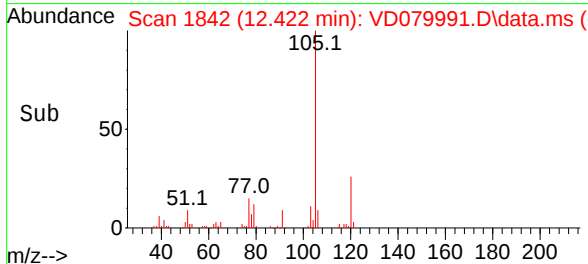
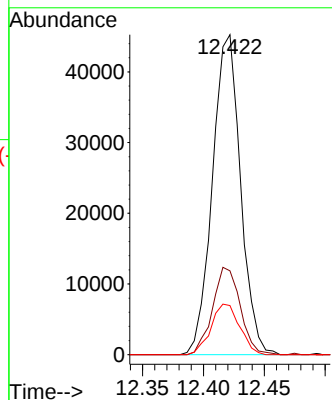
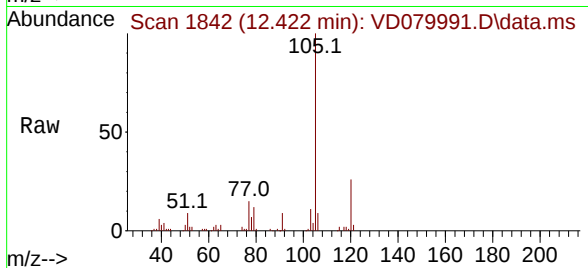
Tgt Ion:105 Resp: 72721

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 16.1 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 4.834 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

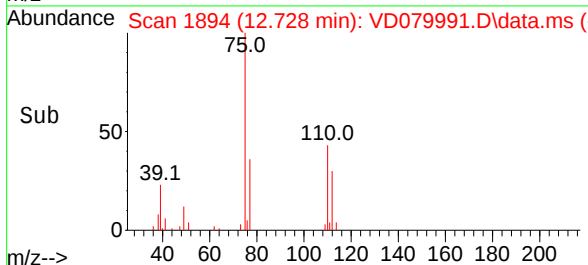
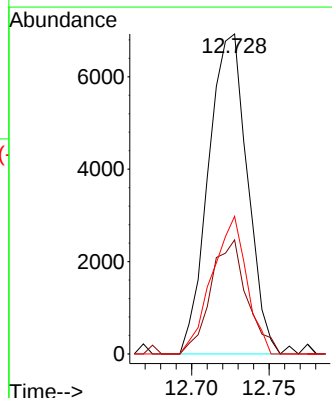
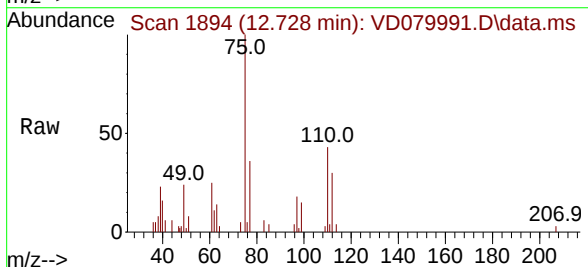
Tgt Ion: 75 Resp: 12077

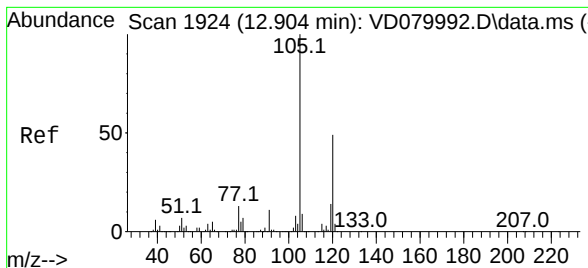
Ion Ratio Lower Upper

75 100

77 33.4 26.3 39.5

110 38.5 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 4.057 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

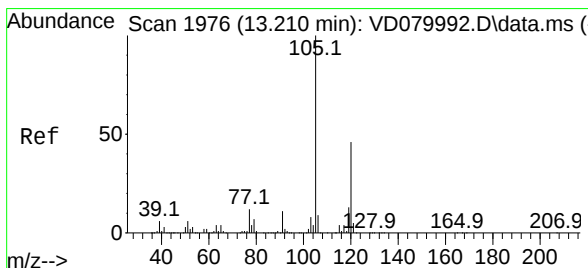
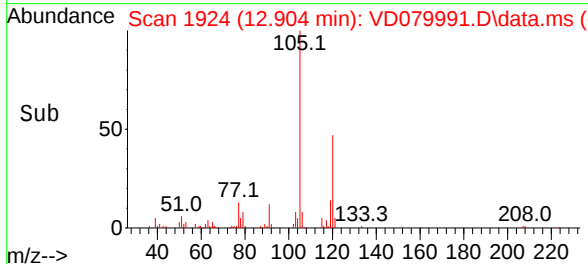
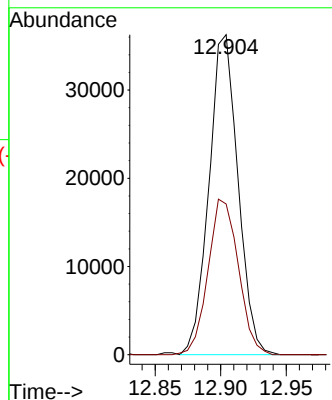
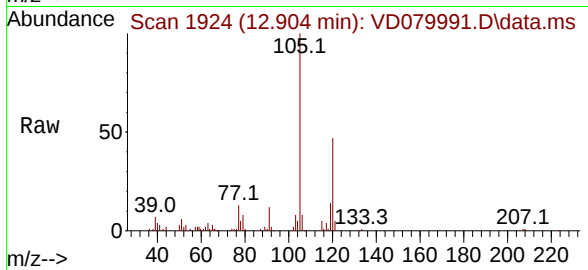
ClientSampleId :

Tgt Ion:105 Resp: 55825

Ion Ratio Lower Upper

105 100

120 50.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 4.015 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079991.D

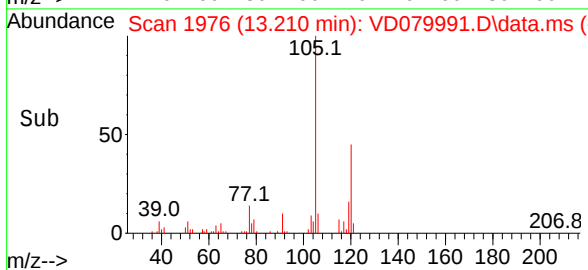
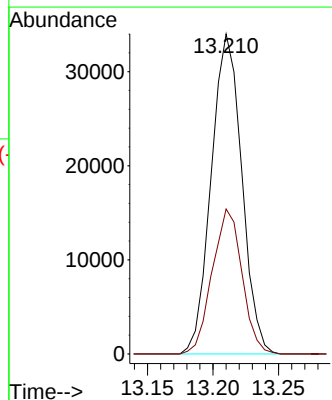
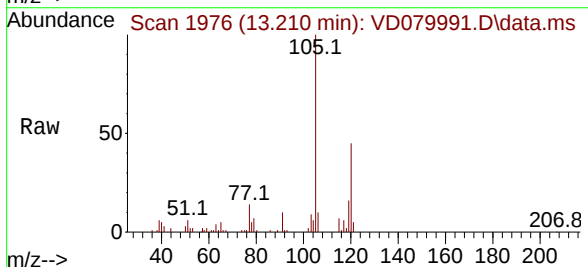
Acq: 12 Nov 2024 10:35

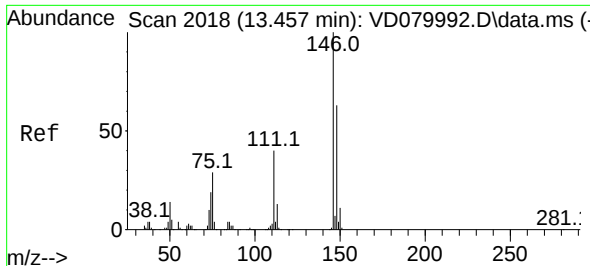
Tgt Ion:105 Resp: 55008

Ion Ratio Lower Upper

105 100

120 44.2 36.8 55.2

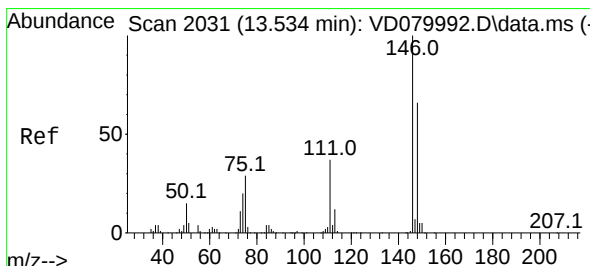
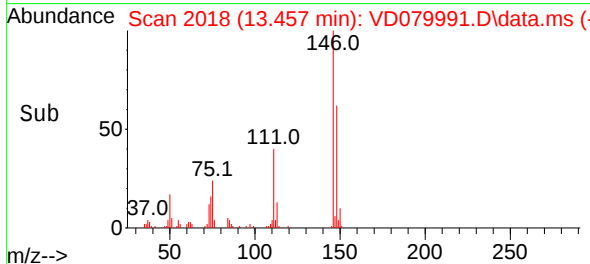
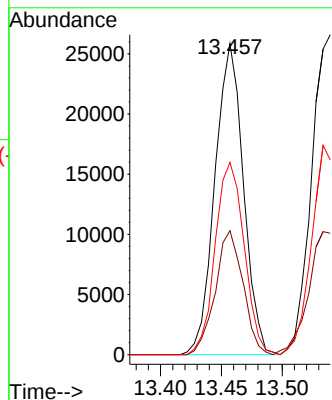
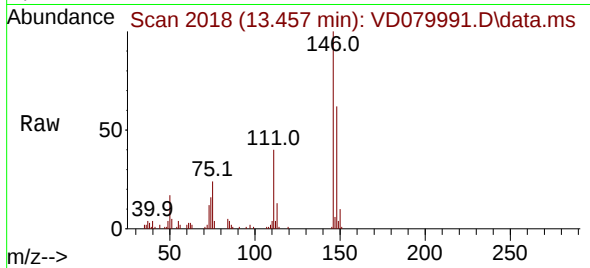




#64
1,3-Dichlorobenzene
Concen: 4.901 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

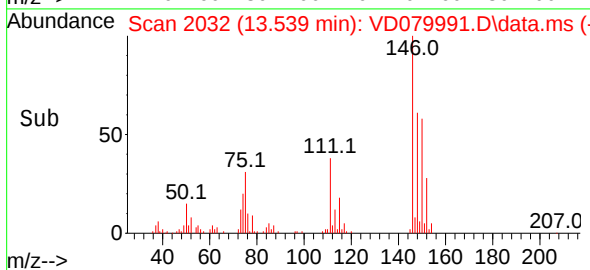
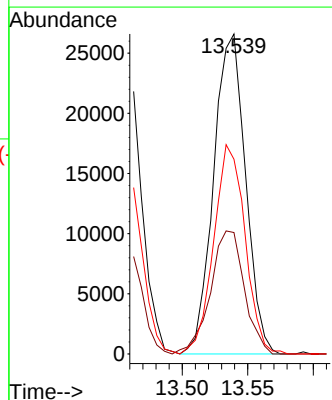
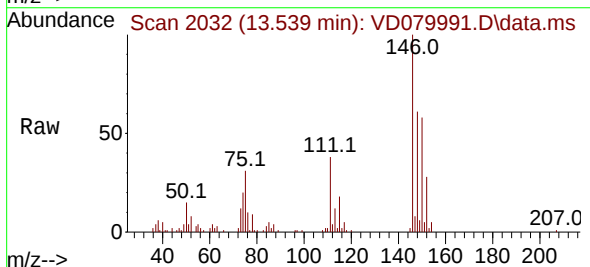
Instrument :
MSVOA_D
ClientSampleId :

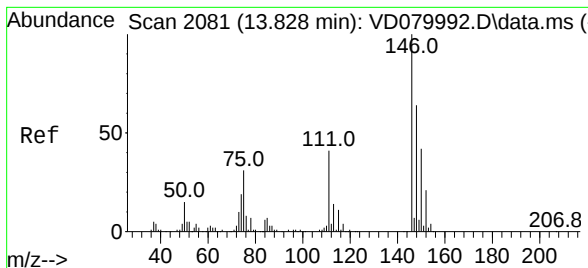
Tgt Ion:146 Resp: 42148
Ion Ratio Lower Upper
146 100
111 39.9 28.2 52.4
148 61.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.003 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion:146 Resp: 45069
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.8
148 60.8 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 4.910 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :

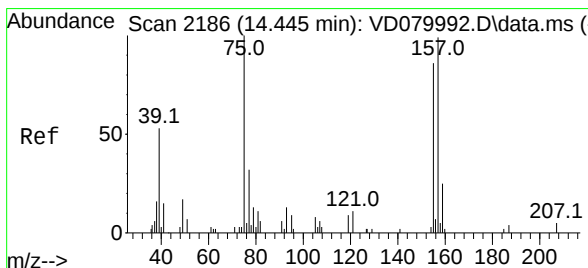
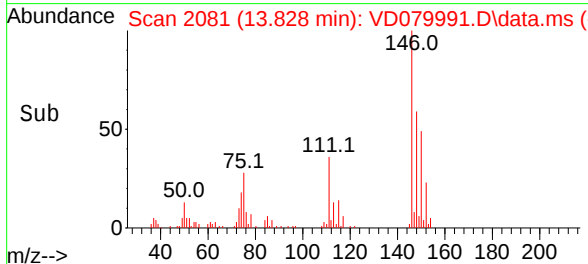
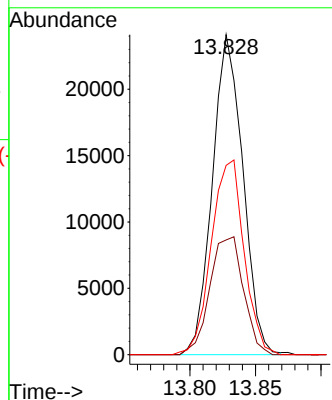
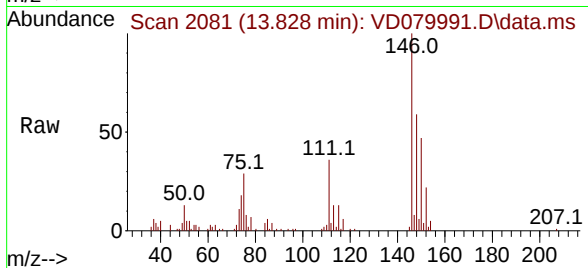
Tgt Ion:146 Resp: 39018

Ion Ratio Lower Upper

146 100

111 35.8 33.0 49.6

148 59.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.754 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

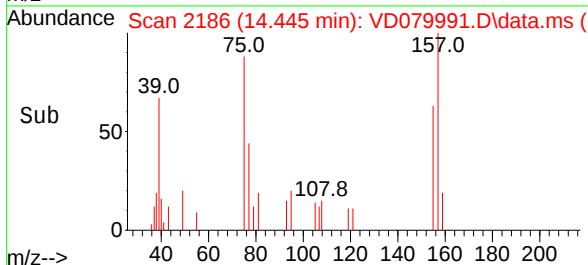
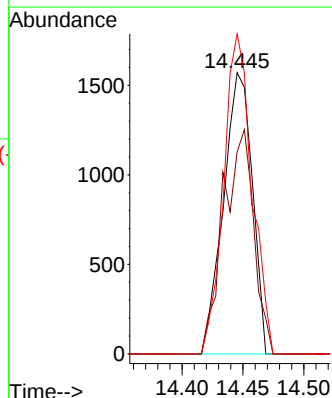
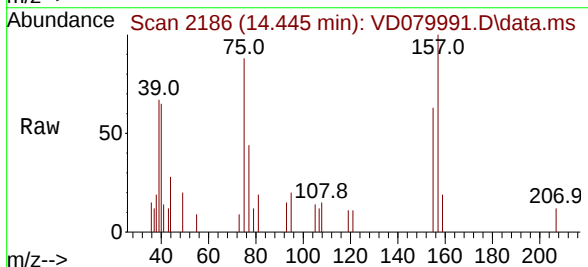
Tgt Ion: 75 Resp: 2588

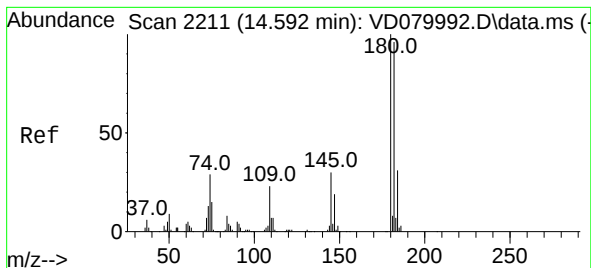
Ion Ratio Lower Upper

75 100

155 71.8 68.7 103.1

157 113.7 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 4.486 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

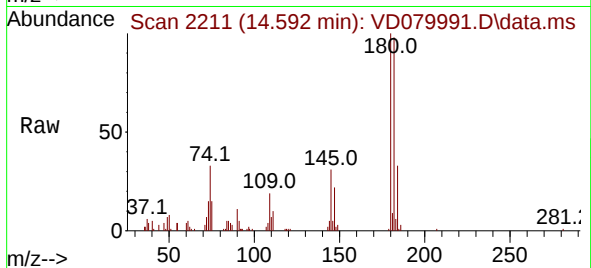
Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 26061

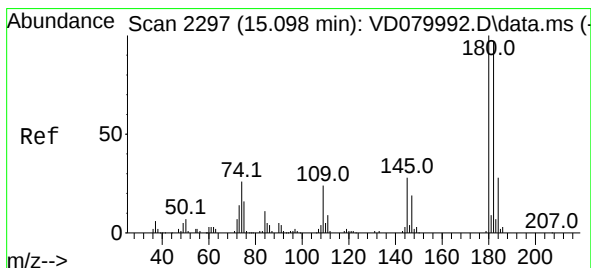
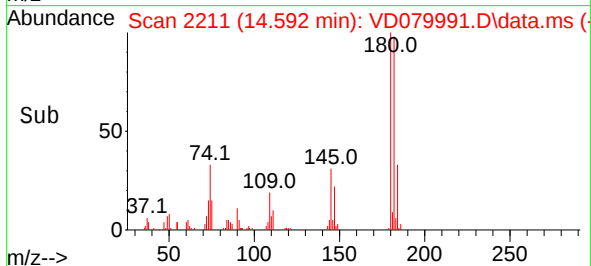
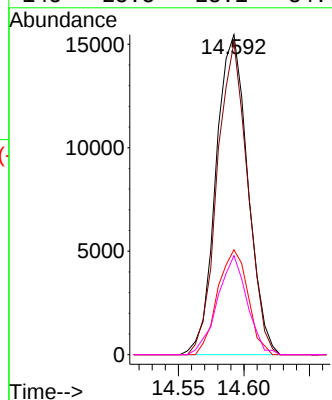
Ion Ratio Lower Upper

180 100

182 93.2 75.8 113.6

184 31.1 24.6 36.8

145 28.8 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.267 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079991.D

Acq: 12 Nov 2024 10:35

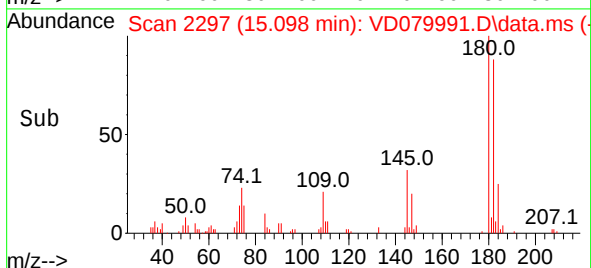
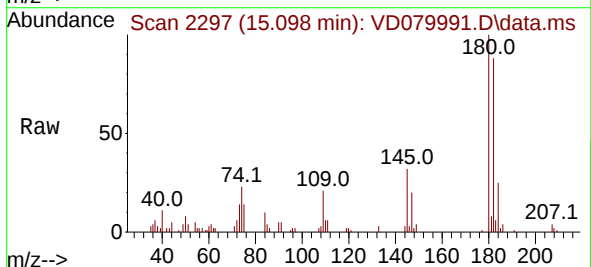
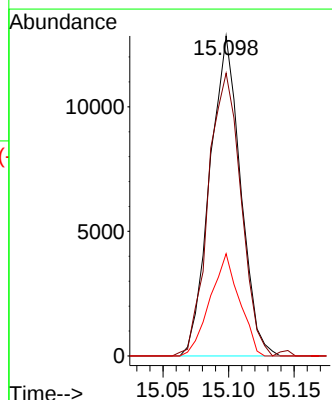
Tgt Ion:180 Resp: 20887

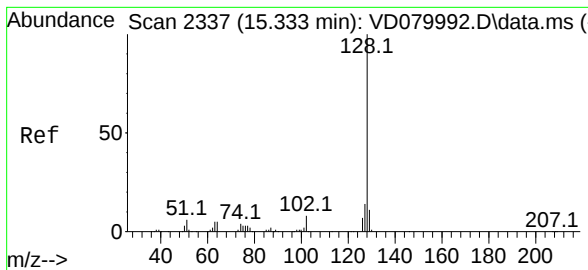
Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 30.6 23.0 34.4

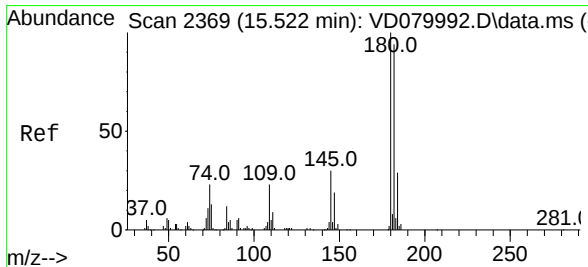
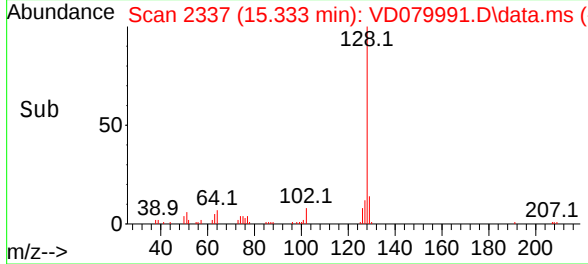
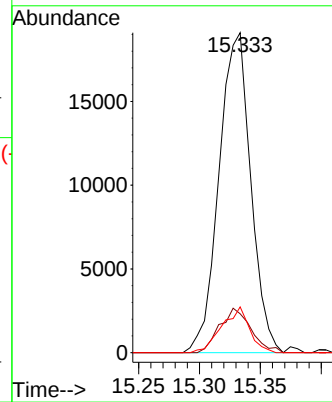
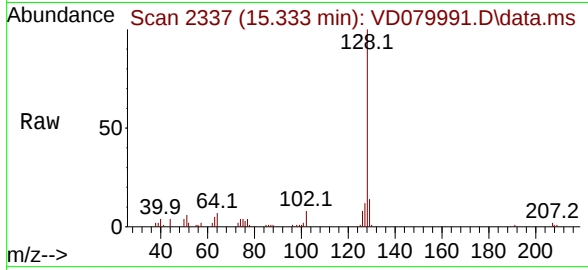




#71
Naphthalene
Concen: 4.145 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	34665
Ion Ratio	Lower	Upper
128	100	
127	13.7	11.0 16.6
129	12.5	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.337 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079991.D
Acq: 12 Nov 2024 10:35

Tgt Ion:180	Resp:	18743
Ion Ratio	Lower	Upper
180	100	
182	92.4	75.8 113.8
145	30.3	24.9 37.3

