

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079997.D
 Acq On : 12 Nov 2024 13:47
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 03:16:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	304408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	295789	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	148891	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	97817	21.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.805	69	97783	26.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.040%
11) 1,1-Dichloroethene-d2	3.922	65	42488	22.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	6.987	46	52861	55.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.660%
24) Chloroform-d	7.569	84	222214	25.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	8.228	65	117232	25.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.204	84	429375	25.242	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.210	67	141650	25.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.240%
41) Toluene-d8	10.269	98	393307	25.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	10.522	79	59892	27.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.480%
47) 2-Hexanone-d5	10.875	63	47736	59.082	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115495	26.275	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	13.810	152	135057	26.175	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.720%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	103449	22.348	ug/L	98
3) Chloromethane	2.146	50	94870	25.057	ug/L	96
5) Vinyl chloride	2.287	62	110276	23.199	ug/L	97
6) Bromomethane	2.693	94	85789	25.544	ug/L	100
8) Chloroethane	2.840	64	82966	27.411	ug/L	94
9) Trichlorofluoromethane	3.175	101	182234	22.922	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	110724	23.031	ug/L	99
12) 1,1-Dichloroethene	3.946	96	97781	23.974	ug/L	90
13) Acetone	4.022	43	66615	58.786	ug/L	95
14) Carbon disulfide	4.275	76	319891	23.480	ug/L	98
15) Methyl Acetate	4.563	43	47931	26.963	ug/L #	92
16) Methylene chloride	4.805	84	116659	23.097	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	107100	23.850	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	227178	26.009	ug/L	98
19) 1,1-Dichloroethane	6.110	63	201599	24.029	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	121177	24.737	ug/L	95
22) 2-Butanone	7.087	43	72765	54.105	ug/L	98
23) Bromochloromethane	7.428	128	58410	24.012	ug/L	96
25) Chloroform	7.598	83	224088	23.105	ug/L	99

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 Response via : Initial Calibration

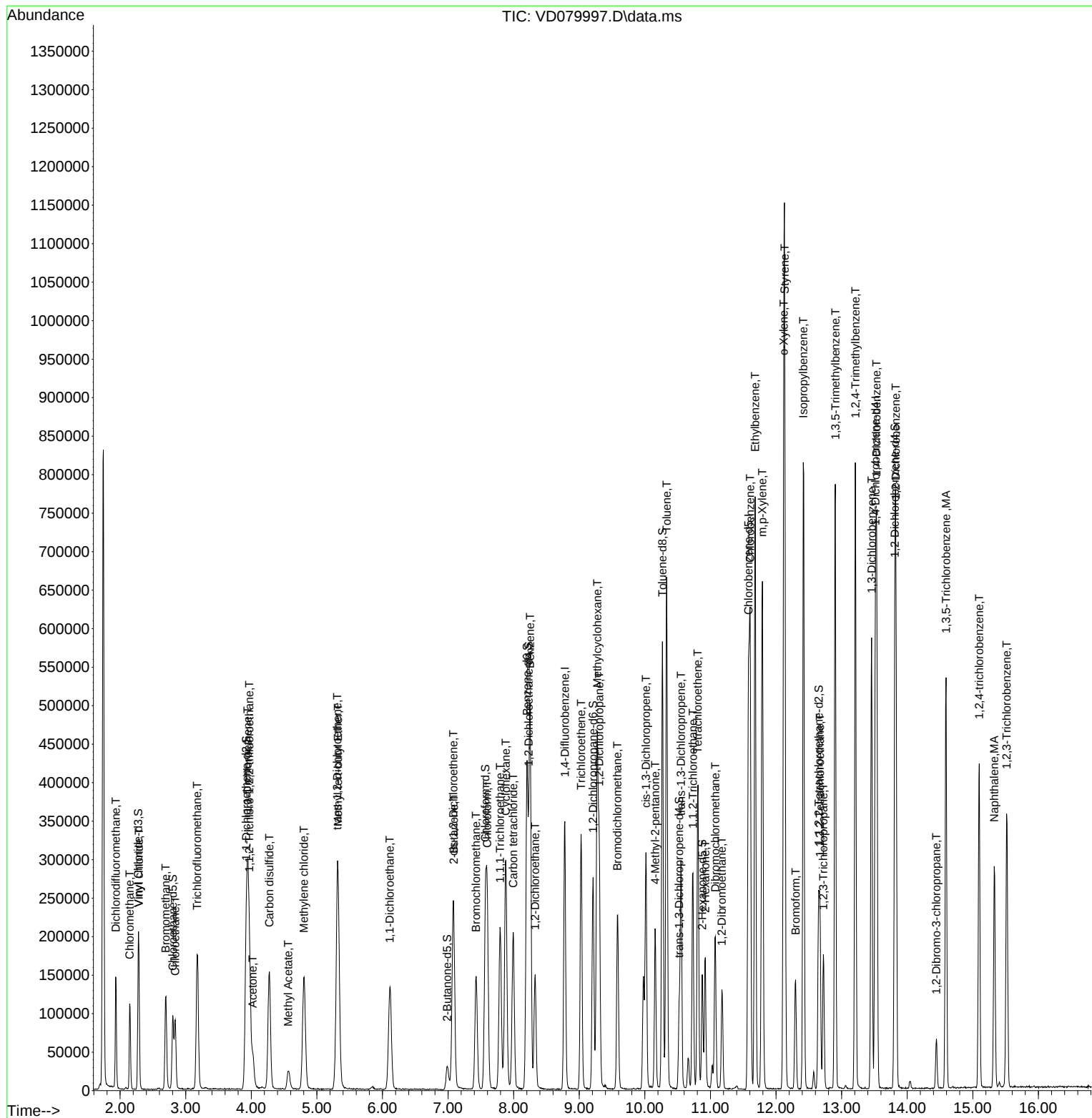
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	133299	23.536	ug/L	96
29) Cyclohexane	7.881	56	165071	25.814	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	178618	23.599	ug/L	99
31) Carbon tetrachloride	7.993	117	154836	23.299	ug/L	99
33) Benzene	8.251	78	459691	24.869	ug/L	100
34) Trichloroethene	9.028	95	119372	24.081	ug/L	95
35) Methylcyclohexane	9.275	83	183499	25.327	ug/L	100
37) 1,2-Dichloropropane	9.304	63	125752	24.354	ug/L	99
38) Bromodichloromethane	9.581	83	157909	23.998	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	185491	24.868	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	131753	54.040	ug/L	99
42) Toluene	10.334	91	506829	25.101	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	162269	25.257	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	92888	23.613	ug/L	96
46) Tetrachloroethene	10.804	164	94897	22.507	ug/L	94
48) 2-Hexanone	10.922	43	110584	56.248	ug/L	98
49) Dibromochloromethane	11.075	129	107997	23.311	ug/L	97
50) 1,2-Dibromoethane	11.175	107	85805	23.906	ug/L	96
51) Chlorobenzene	11.604	112	321104	24.256	ug/L	96
52) Ethylbenzene	11.681	91	543347	24.935	ug/L	99
53) m,p-Xylene	11.792	106	209190	25.602	ug/L	92
54) o-Xylene	12.116	106	194506	24.976	ug/L	96
55) Styrene	12.134	104	358499	25.588	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	108374	23.719	ug/L	95
59) Bromoform	12.298	173	68417	24.897	ug/L	100
60) Isopropylbenzene	12.416	105	531682	26.124	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	74514	25.677	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	423557	26.498	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	420974	26.451	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	247465	24.771	ug/L	97
65) 1,4-Dichlorobenzene	13.533	146	257489	24.604	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	226682	24.558	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	16331	25.824	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	170778	25.307	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	141116	24.818	ug/L	99
71) Naphthalene	15.328	128	254682	26.217	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	129236	25.745	ug/L	100

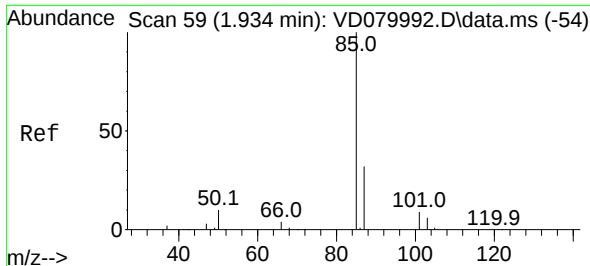
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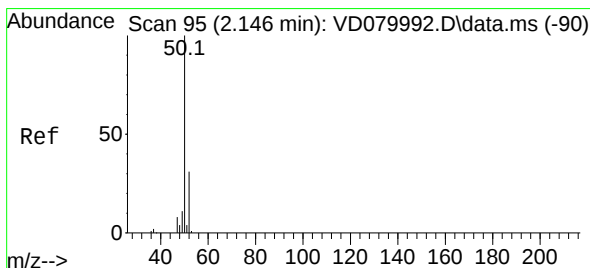
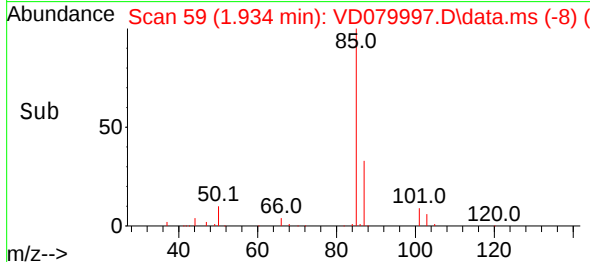
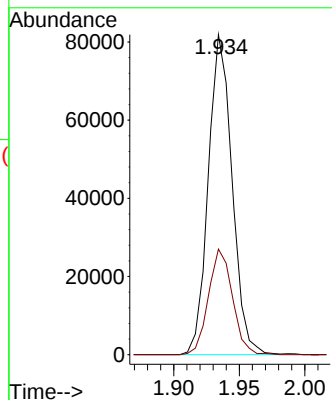
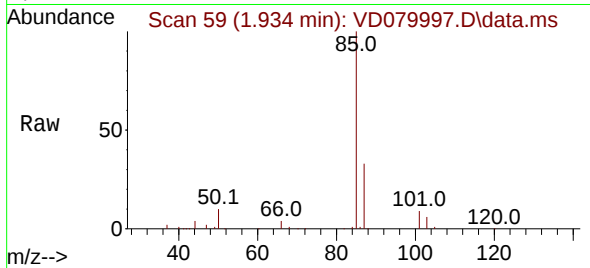




#2
 Dichlorodifluoromethane
 Concen: 22.348 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079997.D
 Acq: 12 Nov 2024 13:47

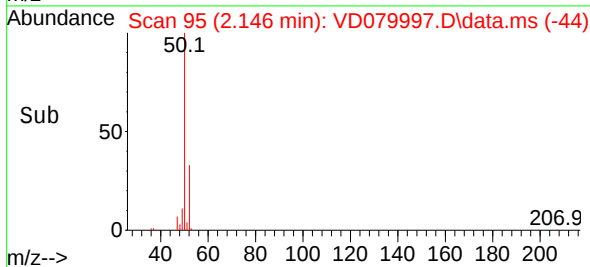
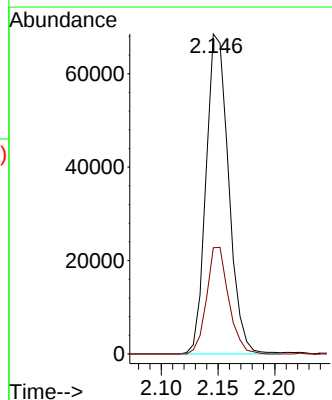
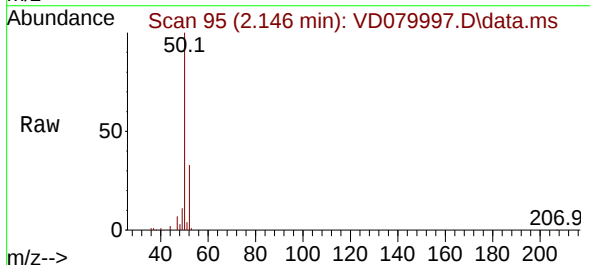
Instrument :
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 ClientSampleId :

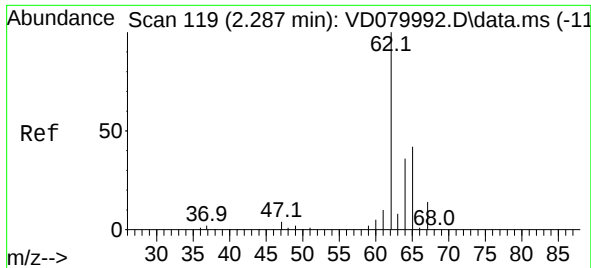
Tgt Ion: 85 Resp: 103449
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.4 38.2



#3
 Chloromethane
 Concen: 25.057 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079997.D
 Acq: 12 Nov 2024 13:47

Tgt Ion: 50 Resp: 94870
 Ion Ratio Lower Upper
 50 100
 52 33.2 21.6 40.0

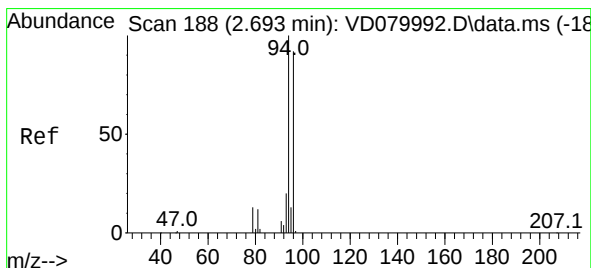
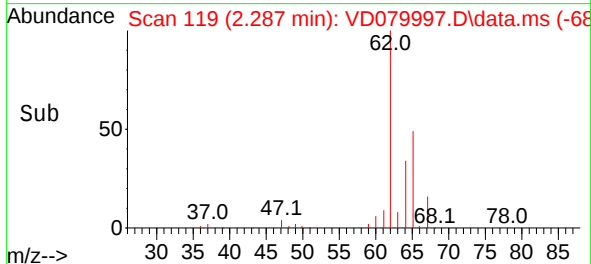
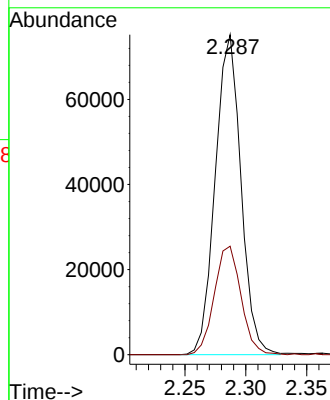
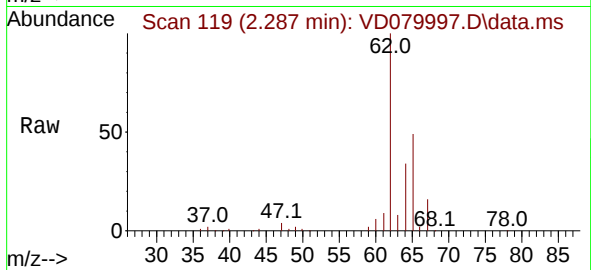




#5
 Vinyl chloride
 Concen: 23.199 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD079997.D
 Acq: 12 Nov 2024 13:47

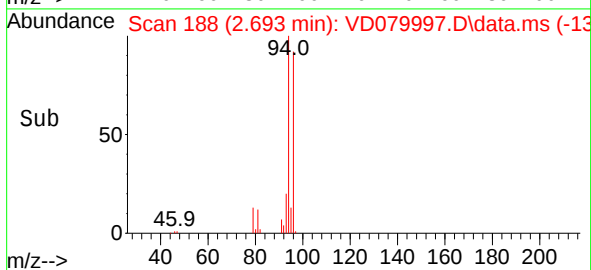
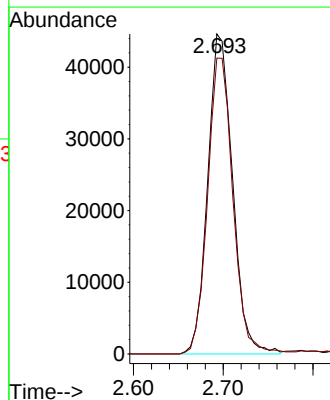
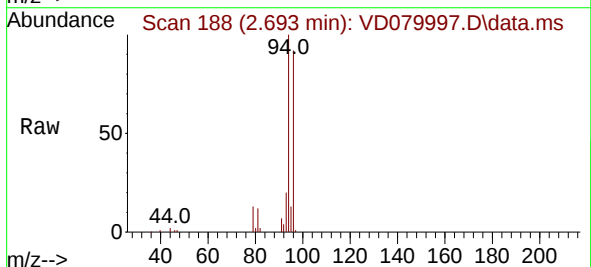
Instrument :
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 ClientSampleId :

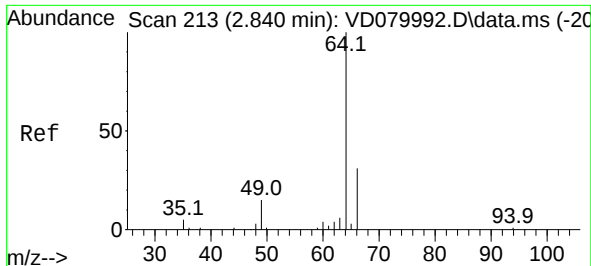
Tgt Ion: 62 Resp: 110276
 Ion Ratio Lower Upper
 62 100
 64 33.9 25.1 46.7



#6
 Bromomethane
 Concen: 25.544 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079997.D
 Acq: 12 Nov 2024 13:47

Tgt Ion: 94 Resp: 85789
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.5 119.7

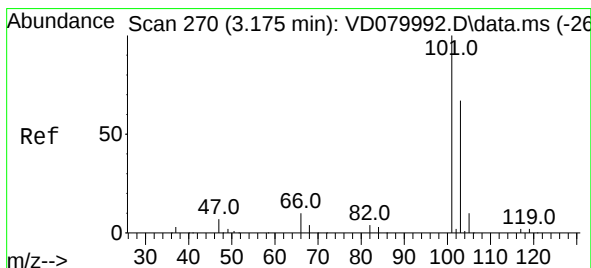
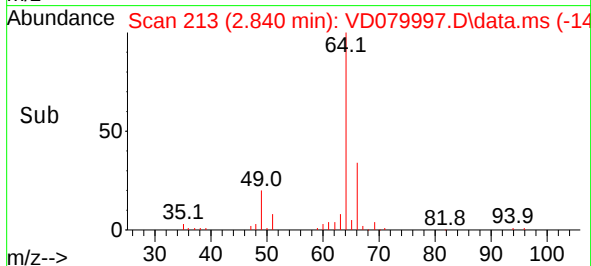
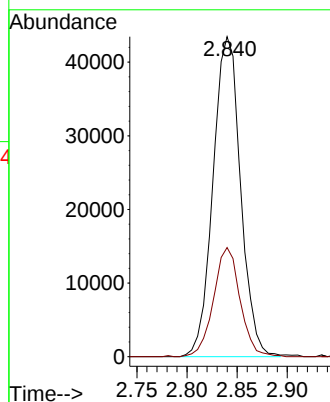
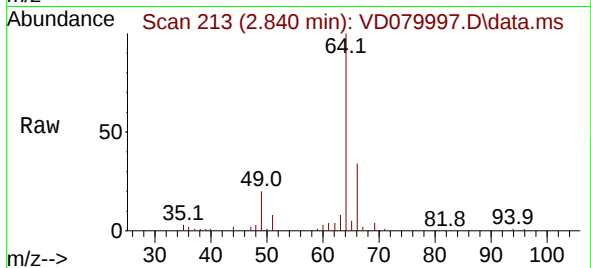




#8
Chloroethane
Concen: 27.411 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

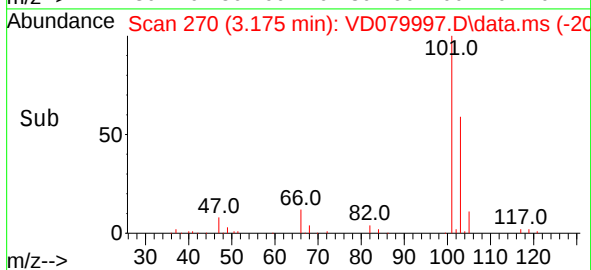
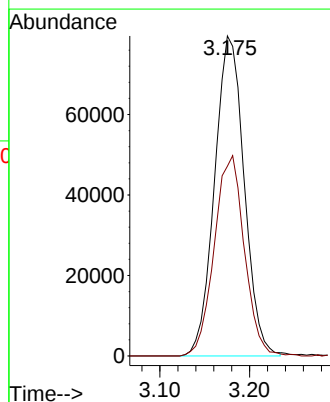
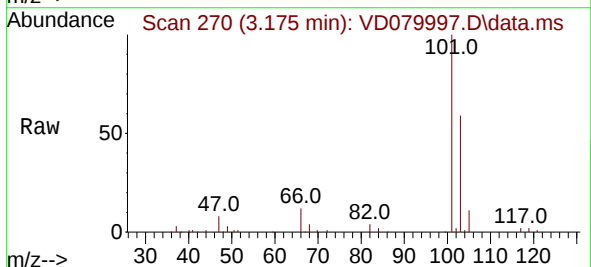
Instrument :
MSVOA_D
ClientSampleId :

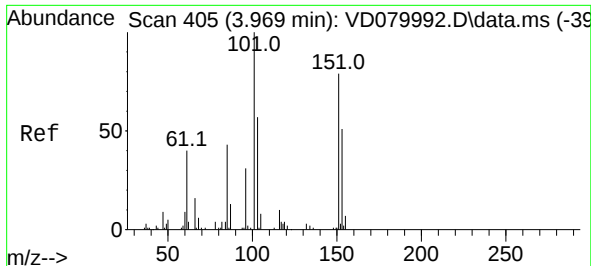
Tgt Ion: 64 Resp: 82966
Ion Ratio Lower Upper
64 100
66 34.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.922 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion:101 Resp: 182234
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.8





#10

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

Concen: 23.031 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

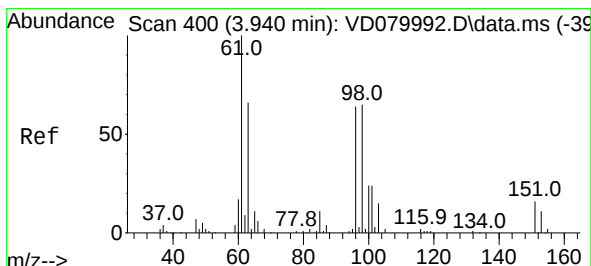
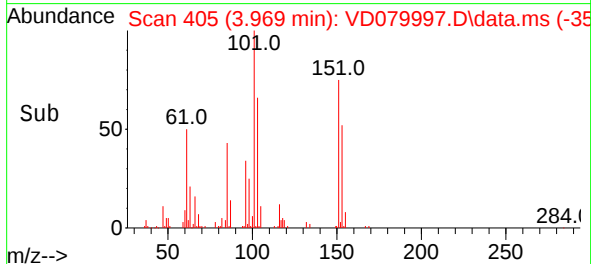
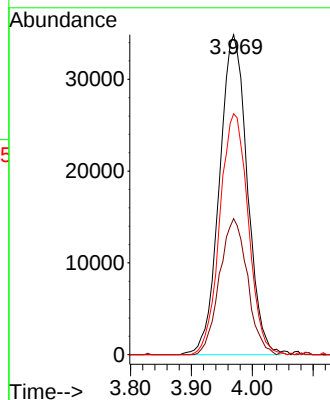
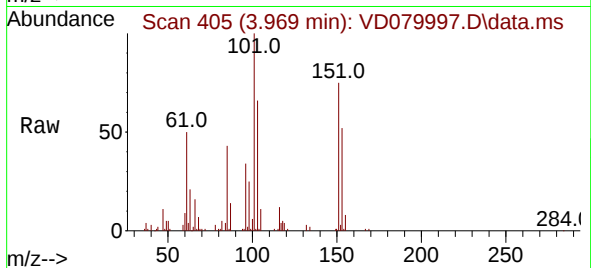
Tgt Ion:101 Resp: 110724

Ion Ratio Lower Upper

101 100

85 42.6 34.9 52.3

151 76.7 60.7 91.1



#12

1,1-Dichloroethene

Concen: 23.974 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

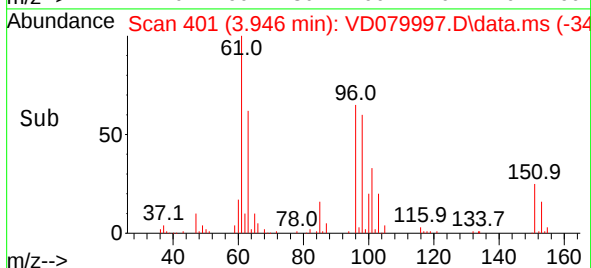
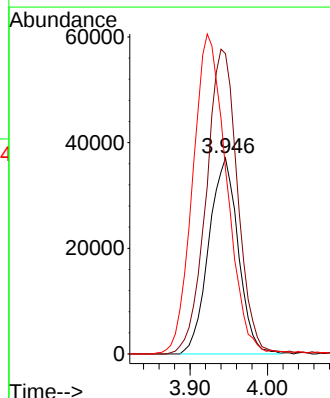
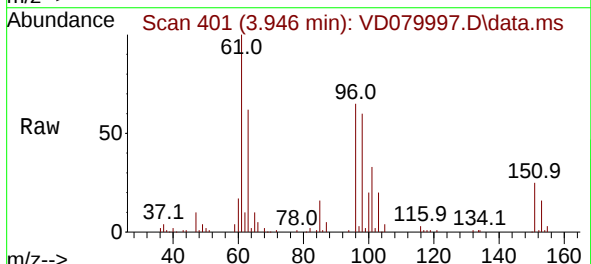
Tgt Ion: 96 Resp: 97781

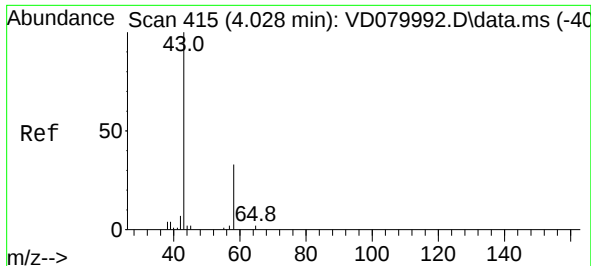
Ion Ratio Lower Upper

96 100

61 153.3 111.2 206.6

63 94.5 78.9 146.5





#13

Acetone

Concen: 58.786 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

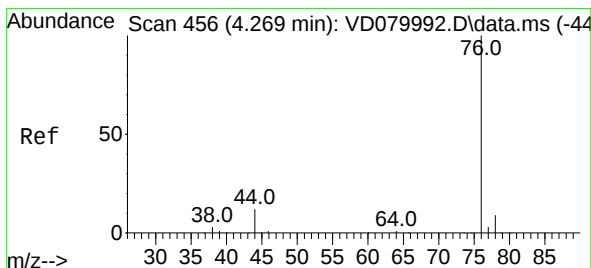
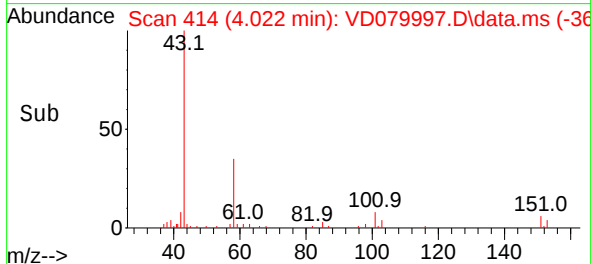
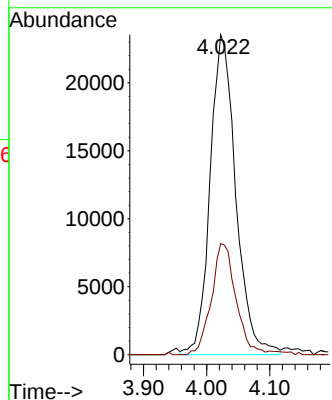
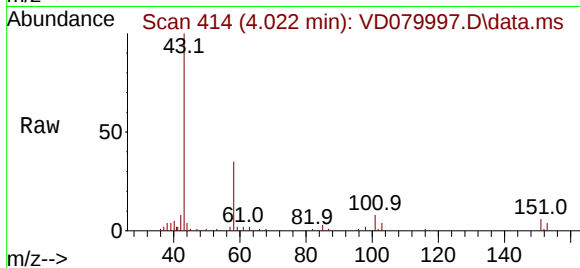
ClientSampleId :

Tgt Ion: 43 Resp: 66615

Ion Ratio Lower Upper

43 100

58 32.9 0.0 71.8



#14

Carbon disulfide

Concen: 23.480 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079997.D

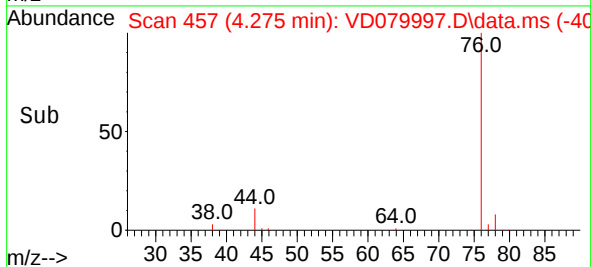
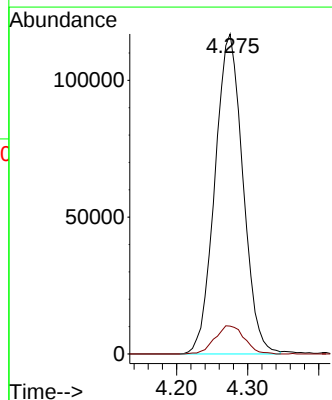
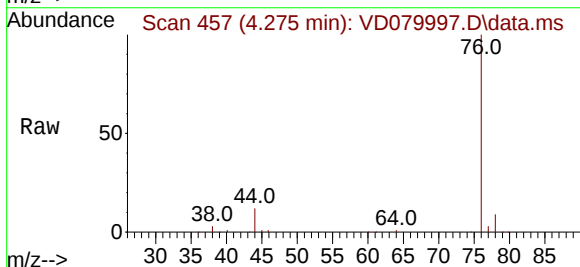
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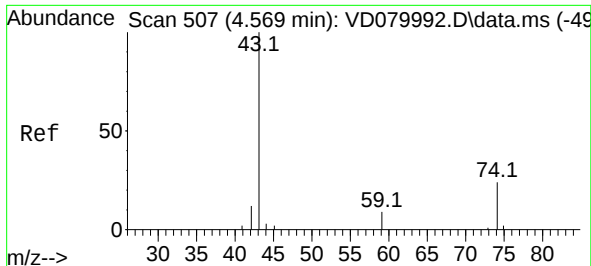
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Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

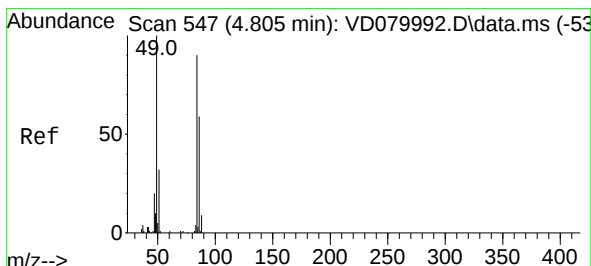
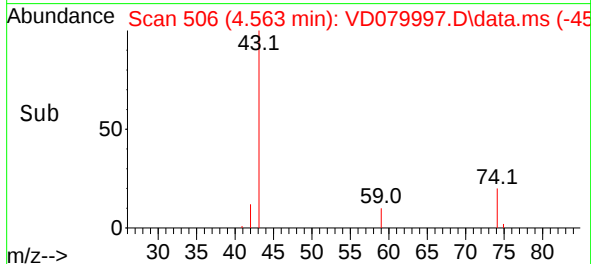
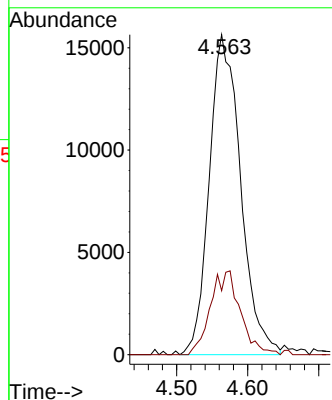
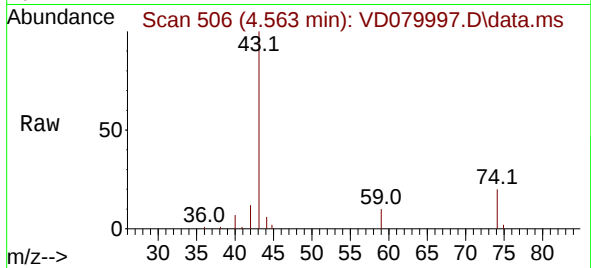




#15
Methyl Acetate
Concen: 26.963 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

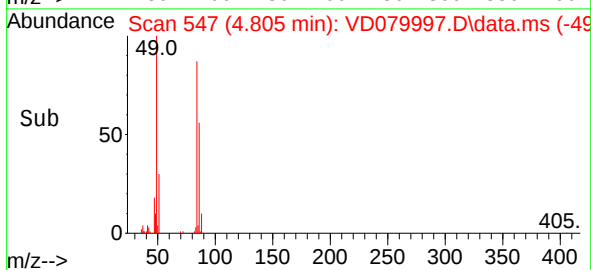
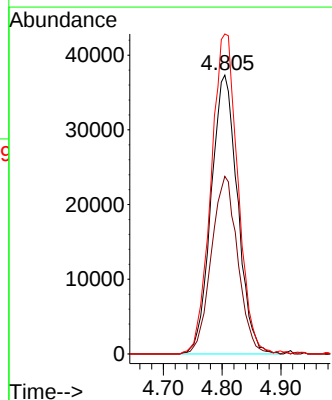
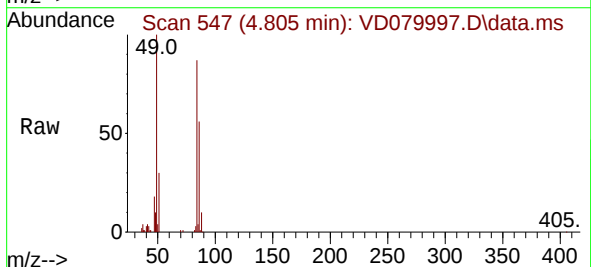
Instrument :
MSVOA_D
ClientSampleId :

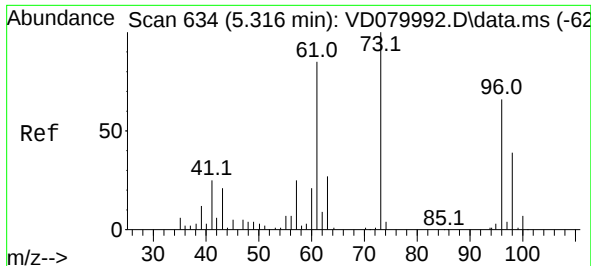
Tgt Ion: 43 Resp: 47931
Ion Ratio Lower Upper
43 100
74 11.0 0.2 0.2#



#16
Methylene chloride
Concen: 23.097 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion: 84 Resp: 116659
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.4
49 114.8 77.3 143.7

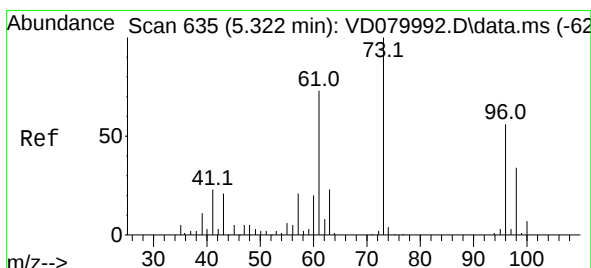
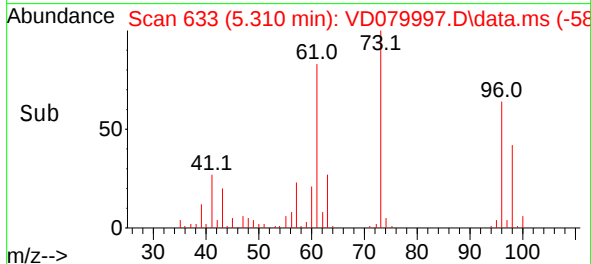
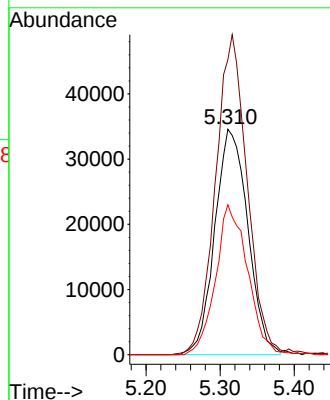
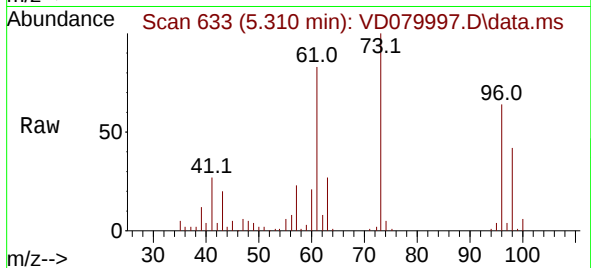




#17
trans-1,2-Dichloroethene
Concen: 23.850 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

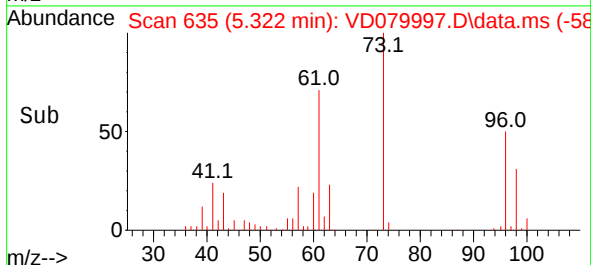
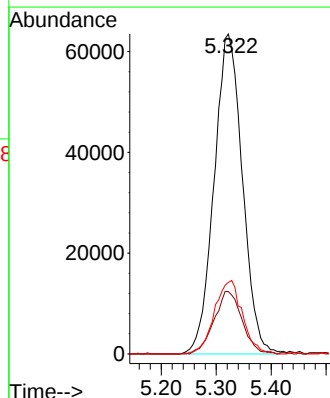
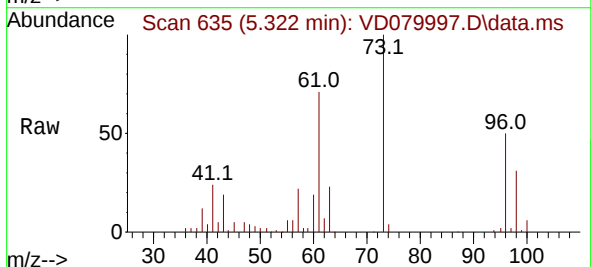
Instrument :
MSVOA_D
ClientSampleId :

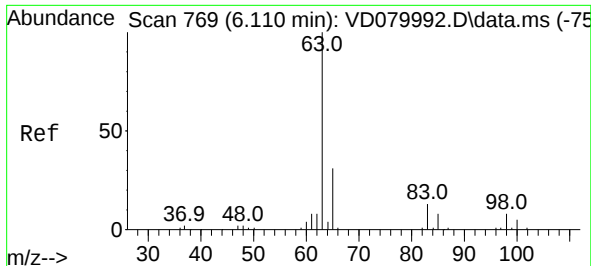
Tgt Ion: 96 Resp: 107100
Ion Ratio Lower Upper
96 100
61 130.9 91.1 169.3
98 66.5 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 26.009 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion: 73 Resp: 227178
Ion Ratio Lower Upper
73 100
43 19.1 16.1 24.1
57 22.5 18.5 27.7

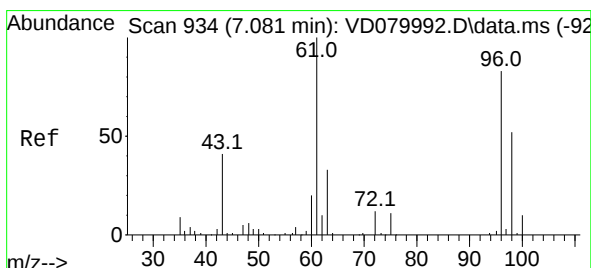
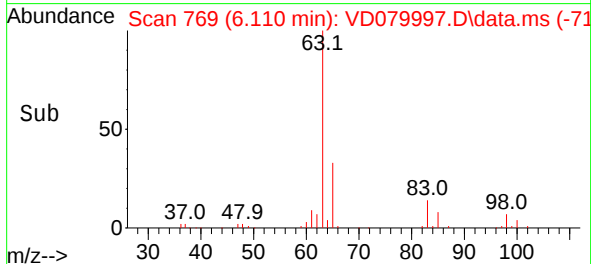
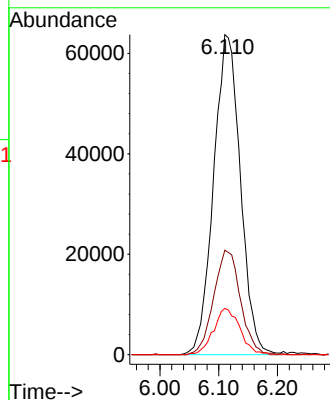
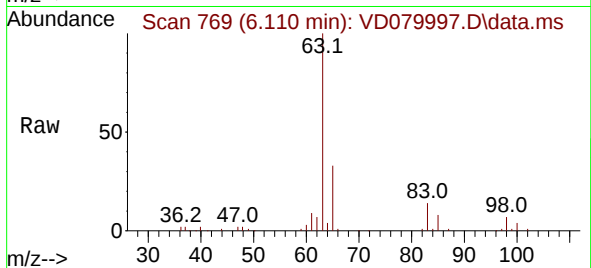




#19
1,1-Dichloroethane
Concen: 24.029 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

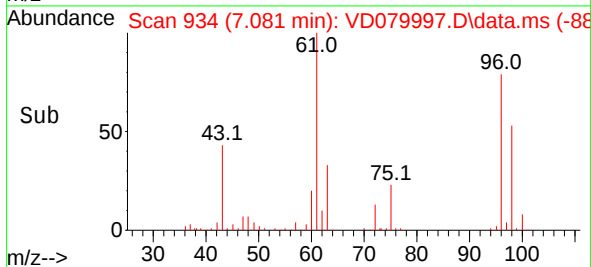
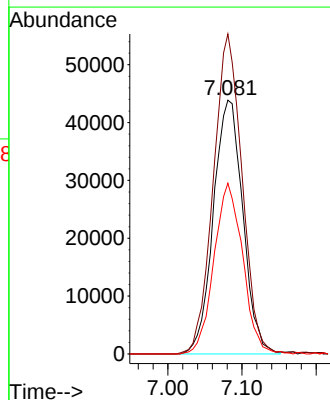
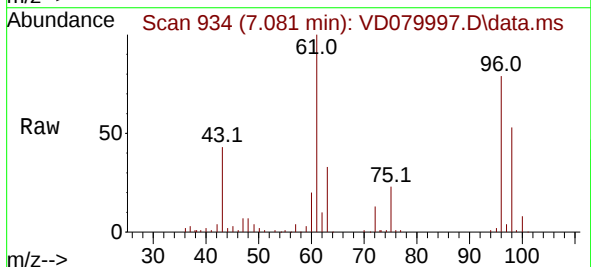
Instrument :
MSVOA_D
ClientSampleId :

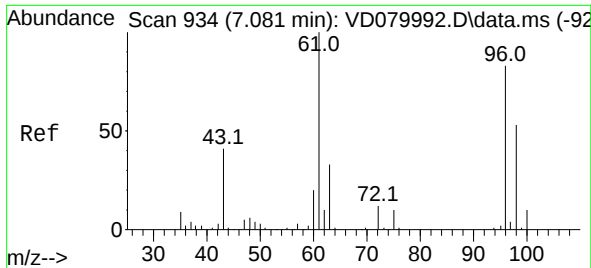
Tgt Ion:	63	Resp:	201599
Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.9	40.7
83	14.4	9.0	16.6



#20
cis-1,2-Dichloroethene
Concen: 24.737 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion:	96	Resp:	121177
Ion	Ratio	Lower	Upper
96	100		
61	126.1	84.8	157.4
98	67.3	44.4	82.5

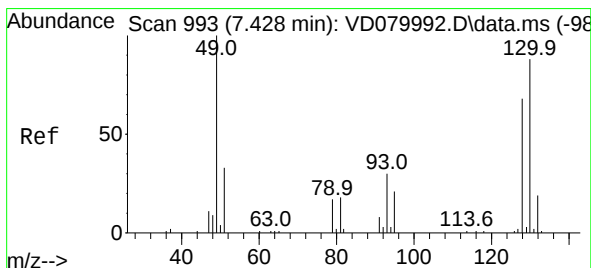
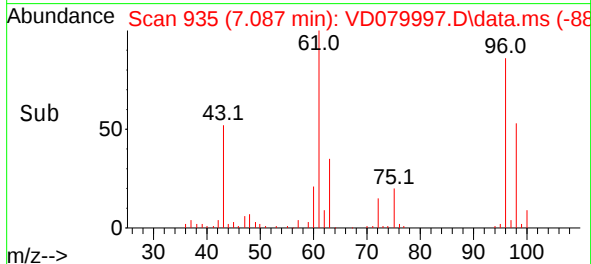
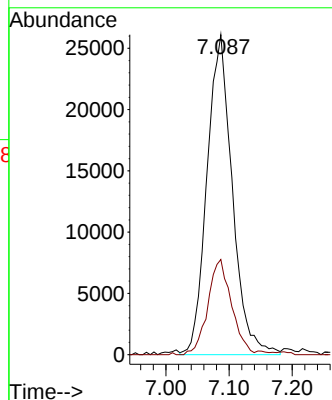
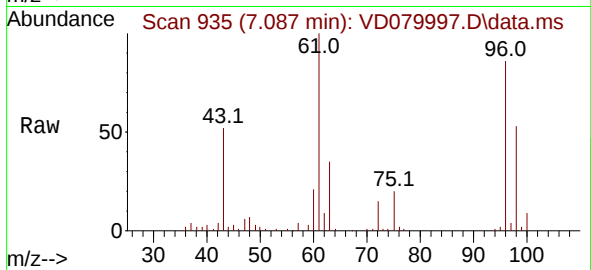




#22
2-Butanone
Concen: 54.105 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

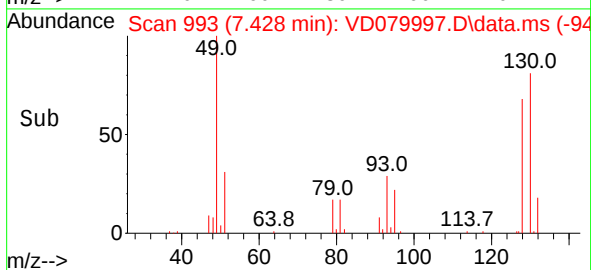
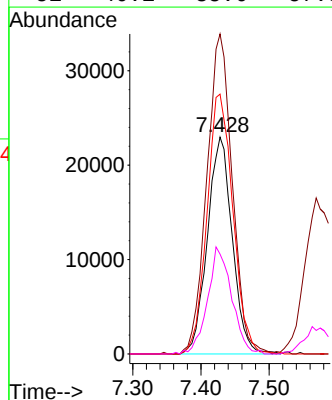
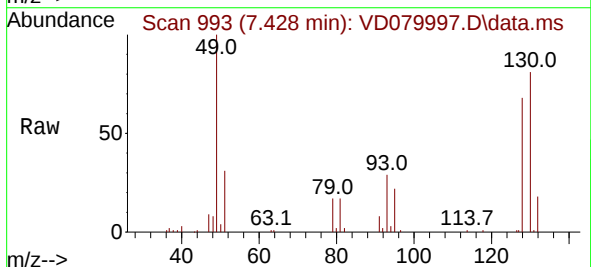
Instrument :
MSVOA_D
ClientSampleId :

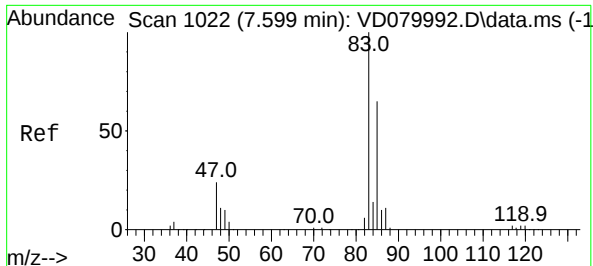
Tgt Ion: 43 Resp: 72765
Ion Ratio Lower Upper
43 100
72 27.7 14.3 42.9



#23
Bromochloromethane
Concen: 24.012 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion:128 Resp: 58410
Ion Ratio Lower Upper
128 100
49 147.6 103.2 191.6
130 119.9 90.6 168.2
51 46.1 38.6 57.8

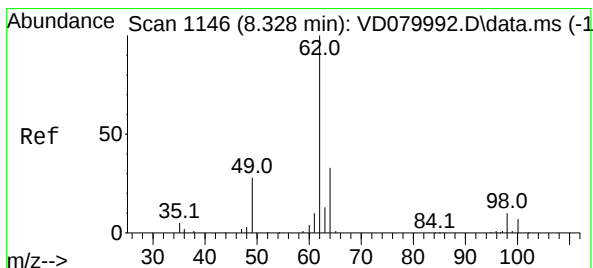
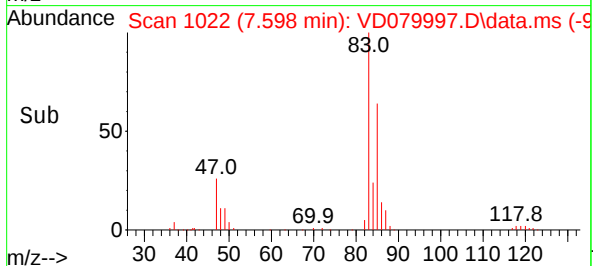
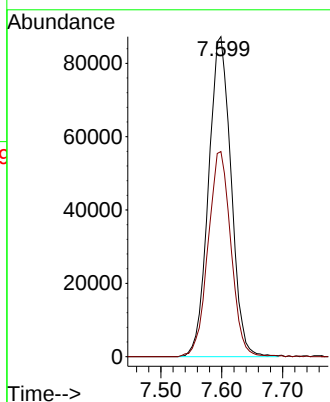
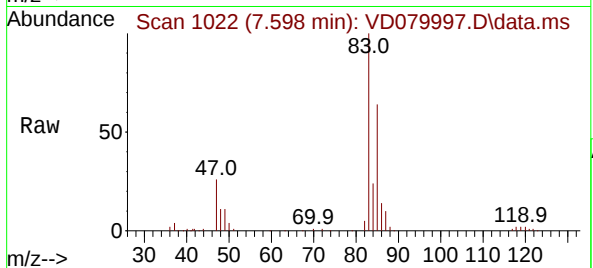




#25
Chloroform
Concen: 23.105 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

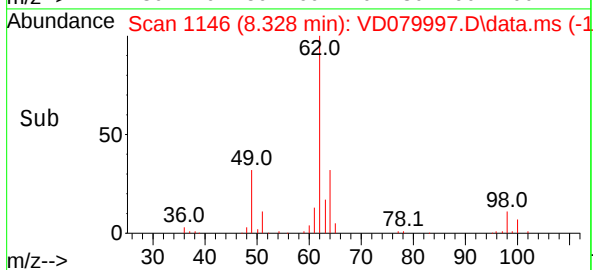
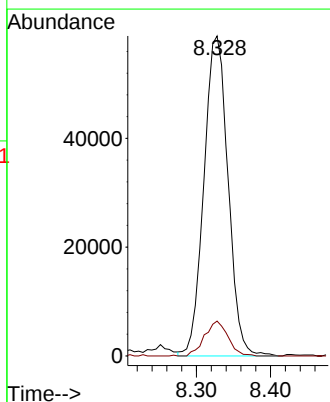
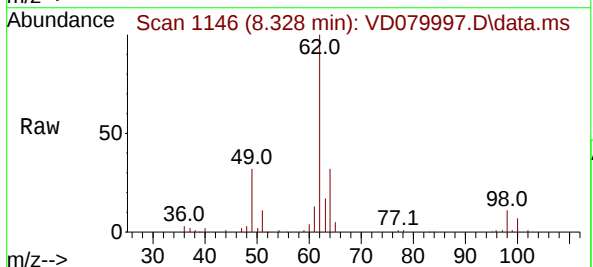
Instrument :
MSVOA_D
ClientSampleId :

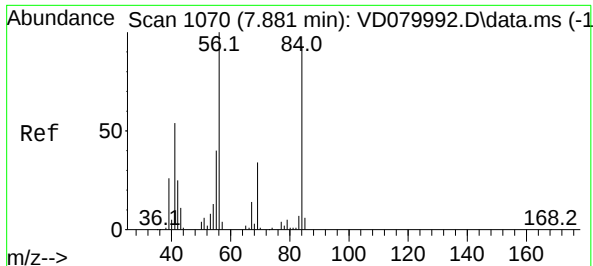
Tgt Ion: 83 Resp: 224088
Ion Ratio Lower Upper
83 100
85 64.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 23.536 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

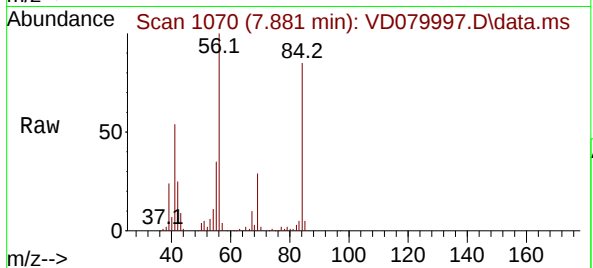
Tgt Ion: 62 Resp: 133299
Ion Ratio Lower Upper
62 100
98 10.9 7.5 11.3



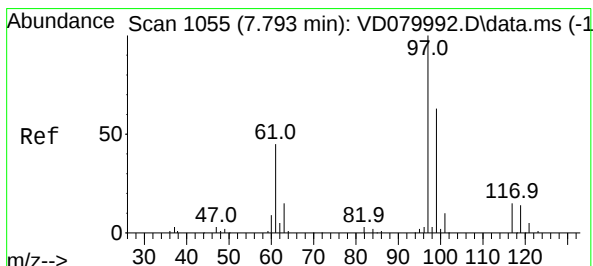
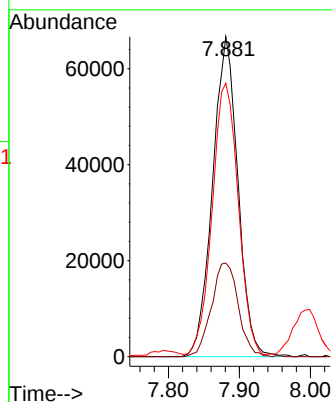
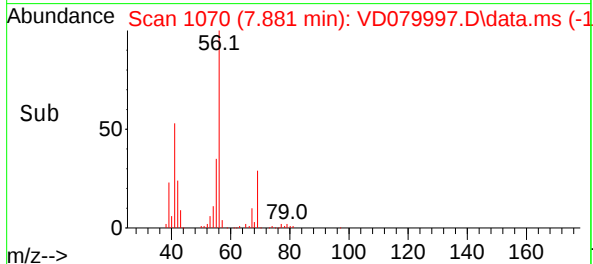


#29
Cyclohexane
Concen: 25.814 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :

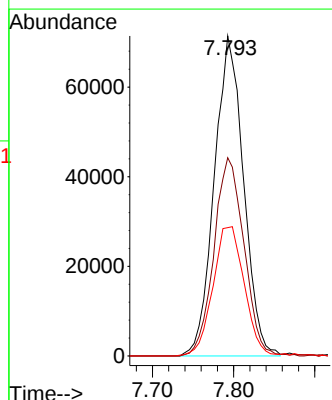
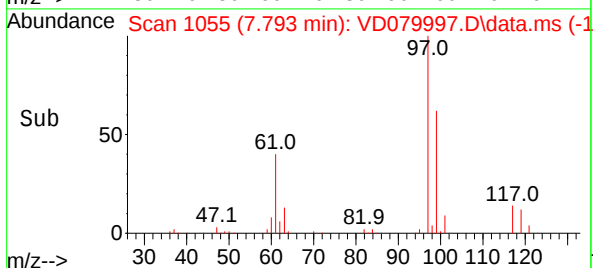
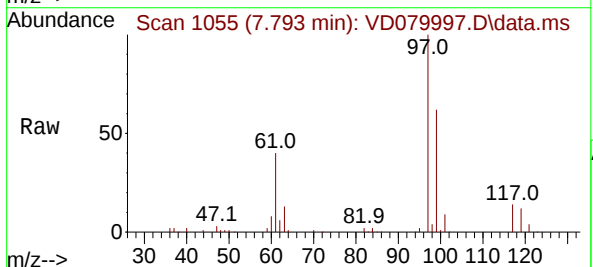


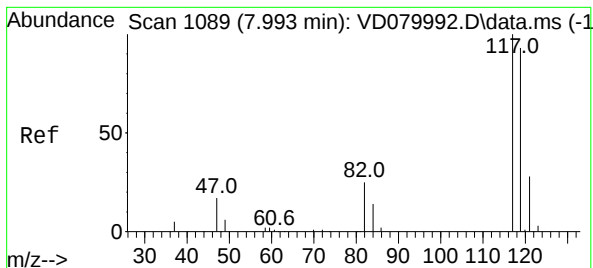
Tgt Ion: 56 Resp: 165071
Ion Ratio Lower Upper
56 100
69 30.9 25.6 38.4
84 87.9 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 23.599 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion: 97 Resp: 178618
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 43.4 34.3 51.5





#31

Carbon tetrachloride

Concen: 23.299 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

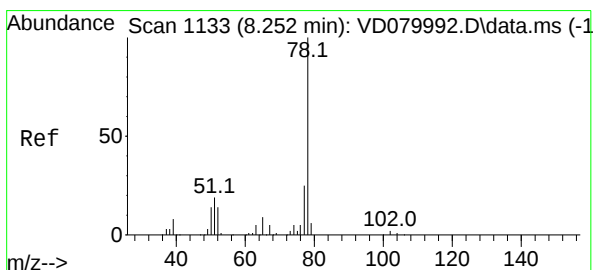
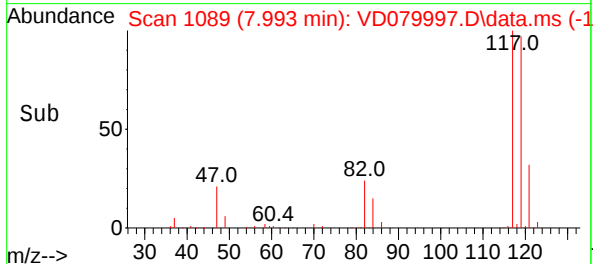
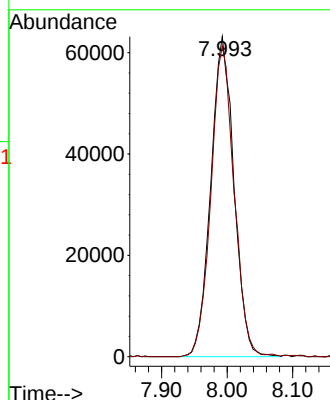
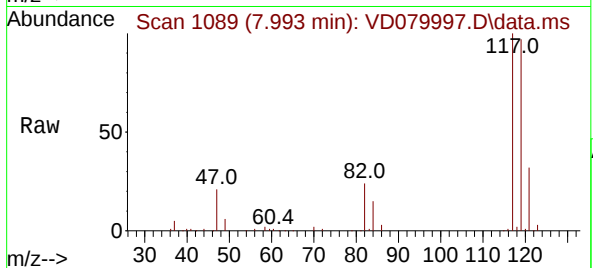
ClientSampleId :

Tgt Ion:117 Resp: 154836

Ion Ratio Lower Upper

117 100

119 96.7 76.8 115.2



#33

Benzene

Concen: 24.869 ug/L

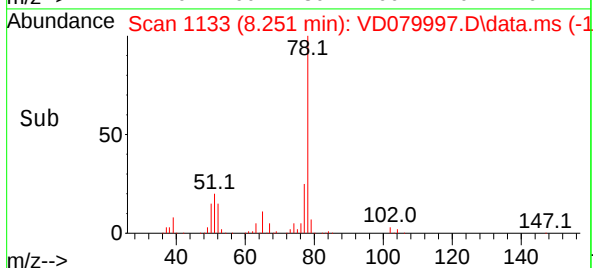
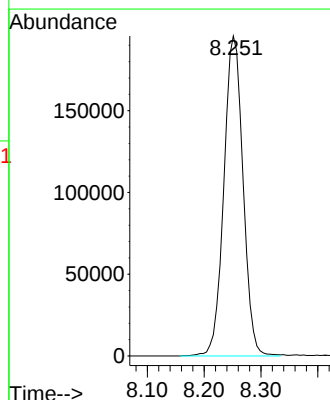
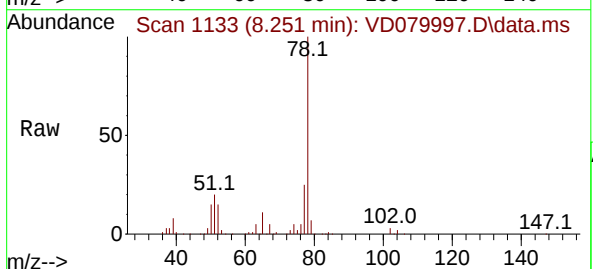
RT: 8.251 min Scan# 1133

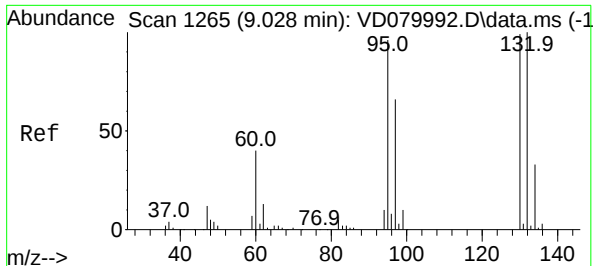
Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

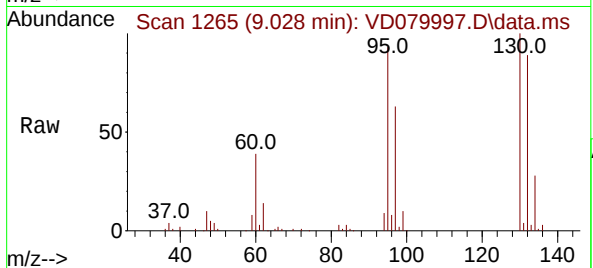
Tgt Ion: 78 Resp: 459691



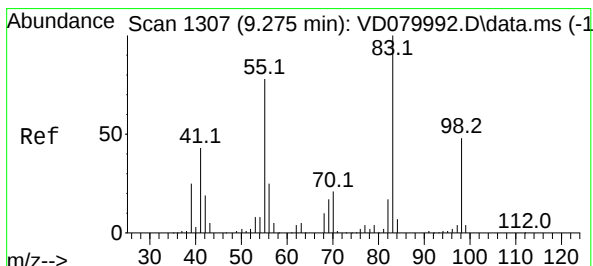
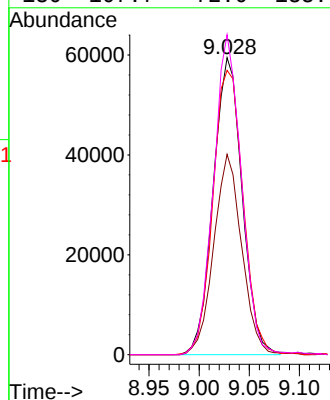
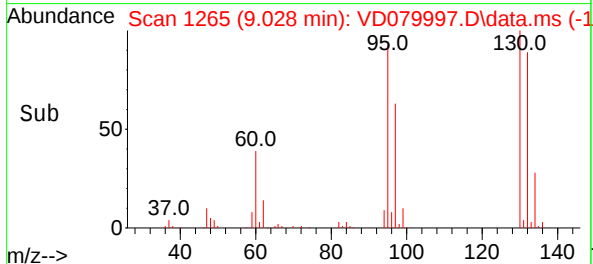


#34
Trichloroethene
Concen: 24.081 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

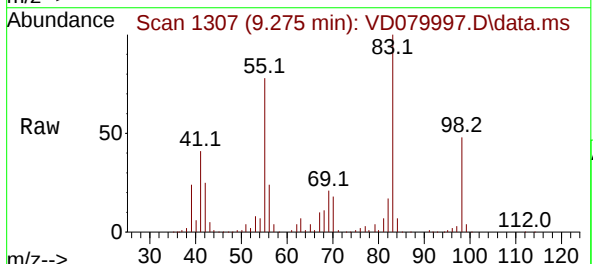
Instrument :
MSVOA_D
ClientSampleId :



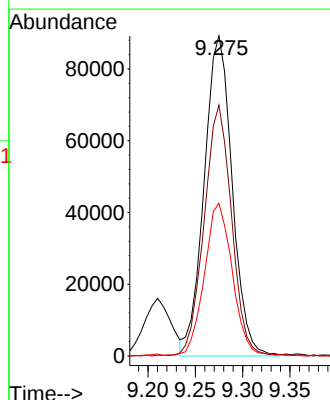
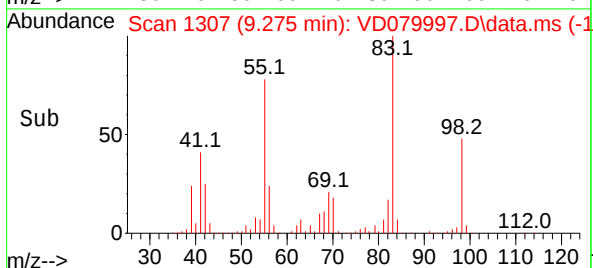
Tgt Ion: 95 Resp: 119372
Ion Ratio Lower Upper
95 100
97 67.4 47.7 88.5
132 95.7 72.8 135.2
130 107.7 72.0 133.6

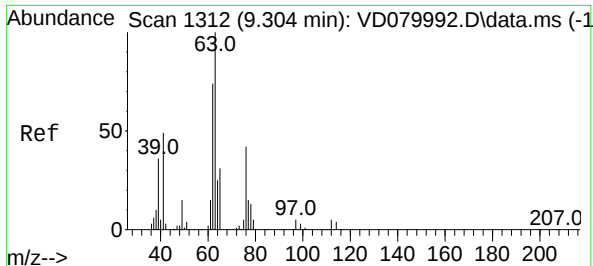


#35
Methylcyclohexane
Concen: 25.327 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47



Tgt Ion: 83 Resp: 183499
Ion Ratio Lower Upper
83 100
55 76.6 61.2 91.8
98 47.3 38.2 57.2

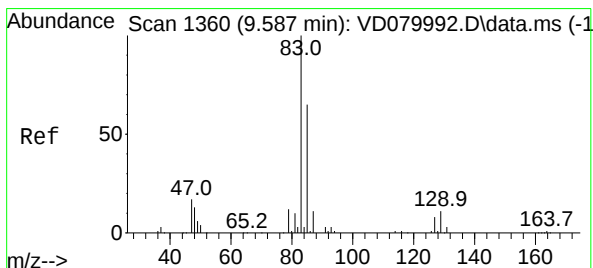
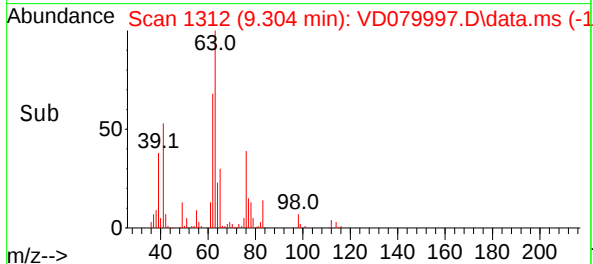
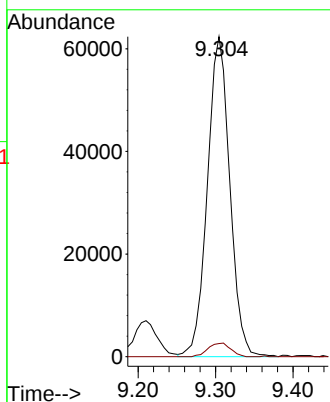
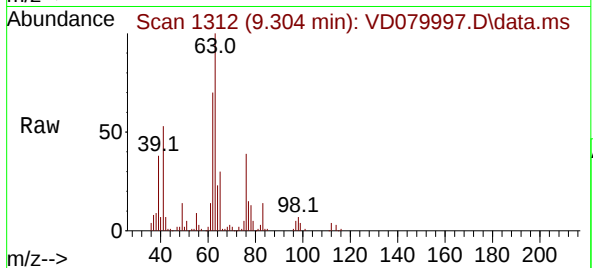




#37
1,2-Dichloropropane
Concen: 24.354 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

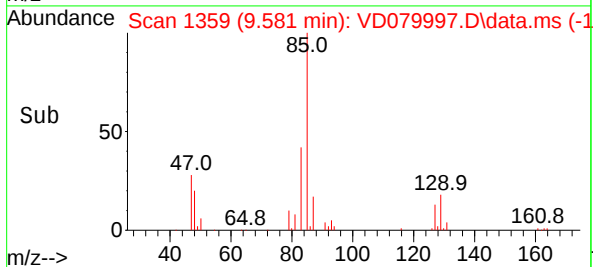
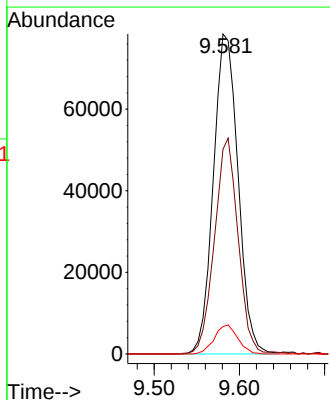
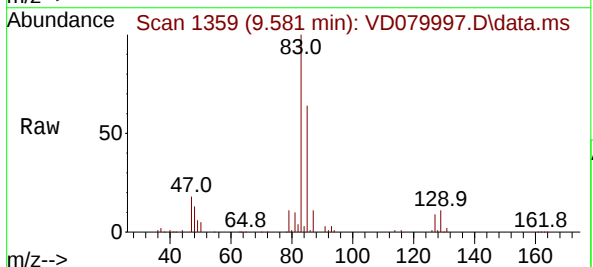
Instrument :
MSVOA_D
ClientSampleId :

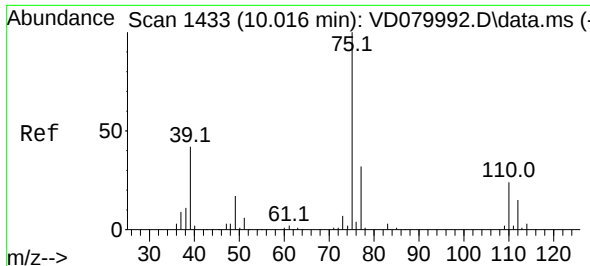
Tgt Ion: 63 Resp: 125752
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 23.998 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion: 83 Resp: 157909
Ion Ratio Lower Upper
83 100
85 64.0 46.0 85.4
127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 24.868 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

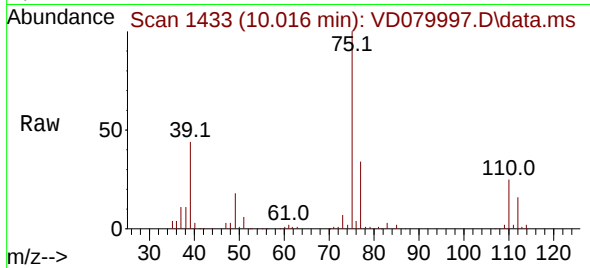
Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

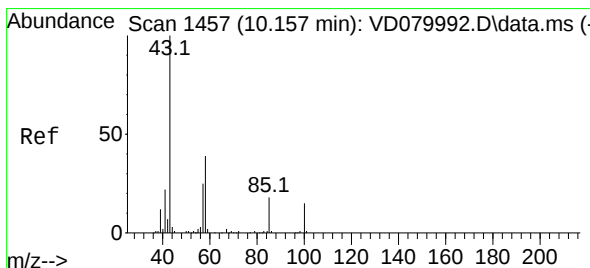
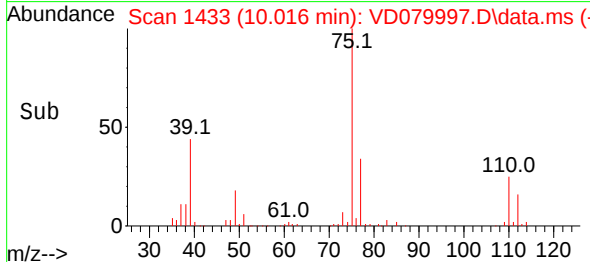
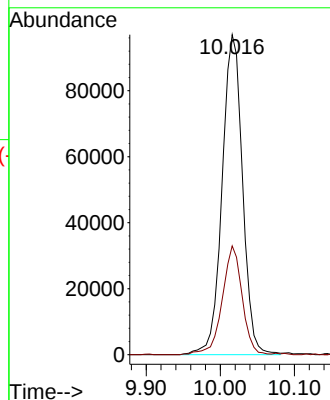


Tgt Ion: 75 Resp: 185491

Ion Ratio Lower Upper

75 100

77 34.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.040 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

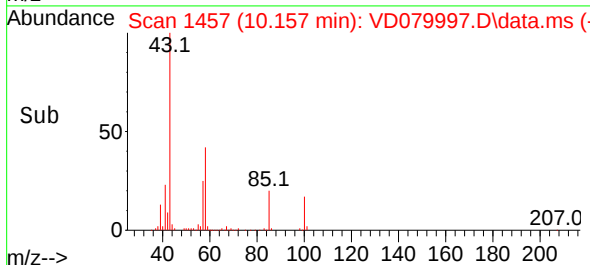
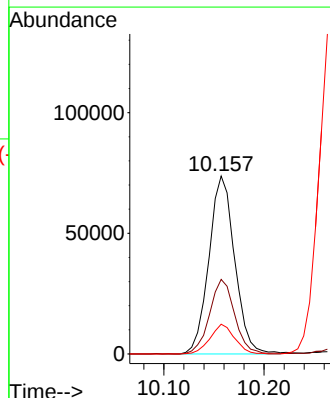
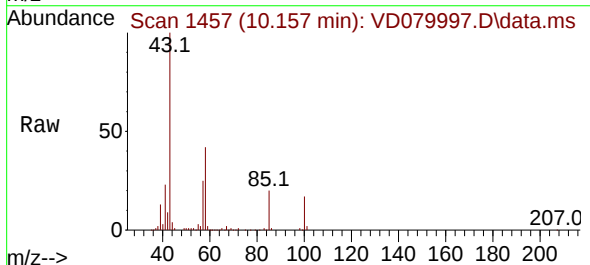
Tgt Ion: 43 Resp: 131753

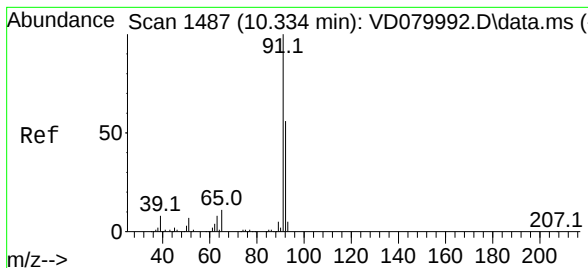
Ion Ratio Lower Upper

43 100

58 40.6 31.5 47.3

100 15.9 12.7 19.1





#42

Toluene

Concen: 25.101 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

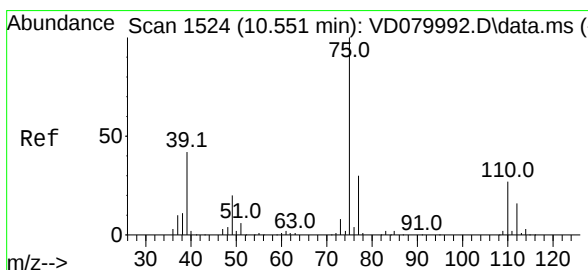
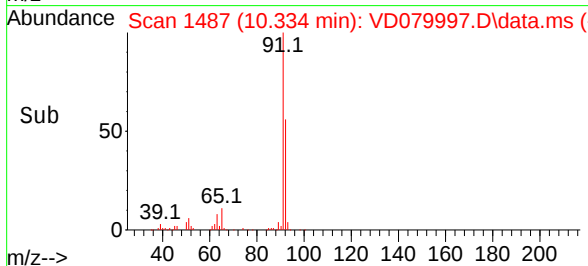
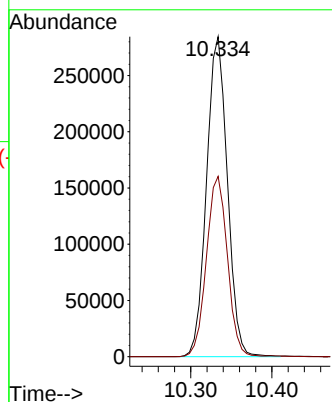
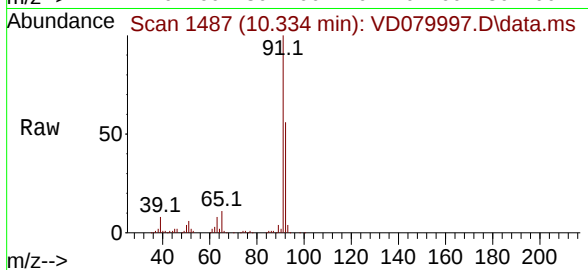
ClientSampleId :

Tgt Ion: 91 Resp: 506829

Ion Ratio Lower Upper

91 100

92 56.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 25.257 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079997.D

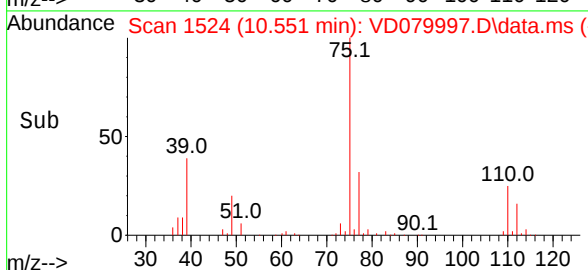
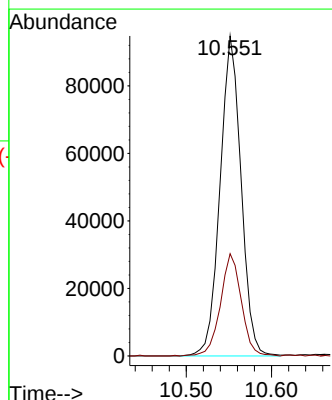
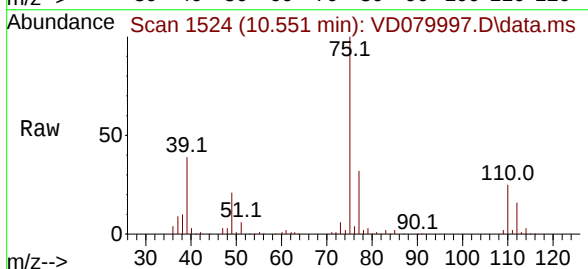
Acq: 12 Nov 2024 13:47

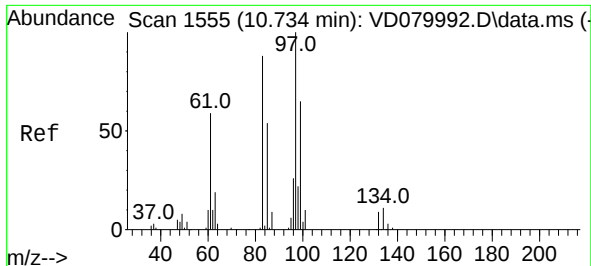
Tgt Ion: 75 Resp: 162269

Ion Ratio Lower Upper

75 100

77 31.9 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 23.613 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 92888

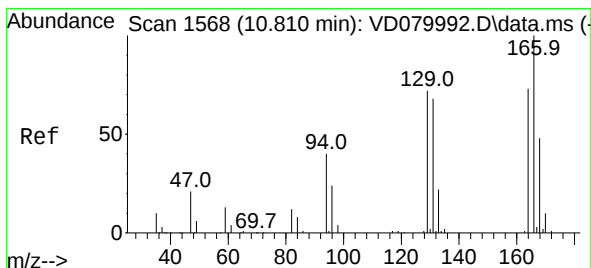
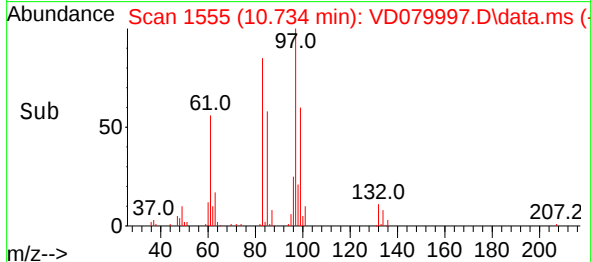
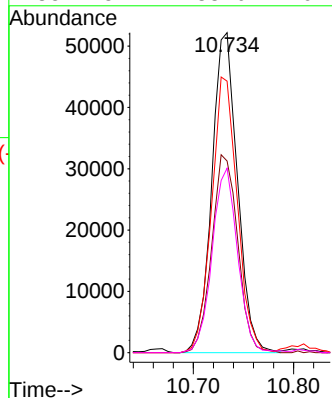
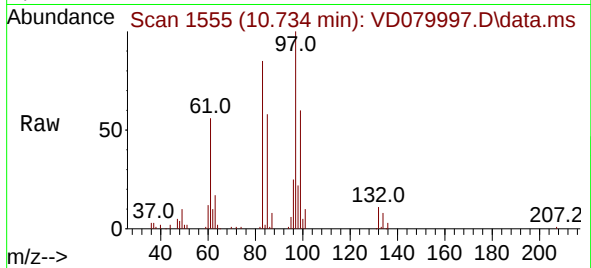
Ion Ratio Lower Upper

97 100

99 59.9 45.2 84.0

83 84.9 61.5 114.3

85 57.7 38.0 70.6



#46

Tetrachloroethene

Concen: 22.507 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Tgt Ion:164 Resp: 94897

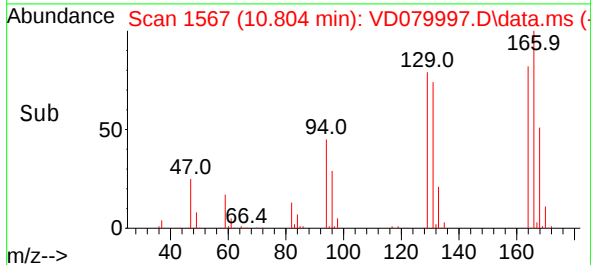
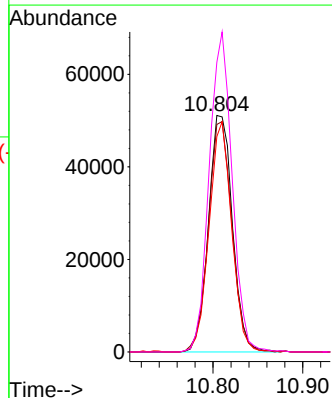
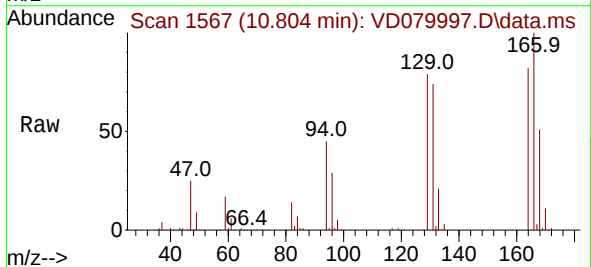
Ion Ratio Lower Upper

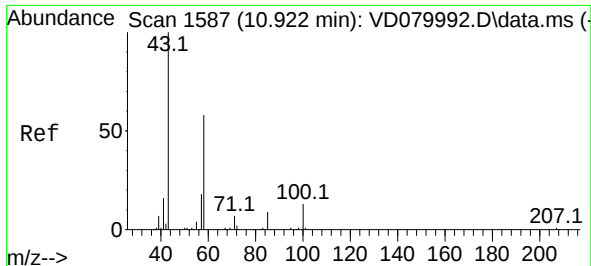
164 100

129 96.2 69.1 128.3

131 91.1 65.4 121.4

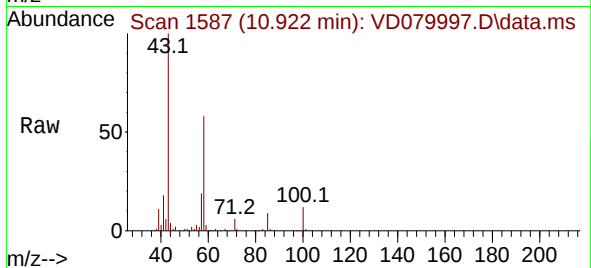
166 122.5 95.9 178.1



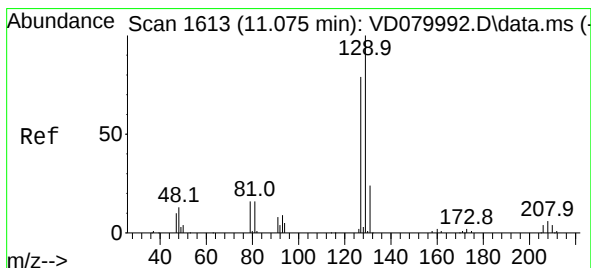
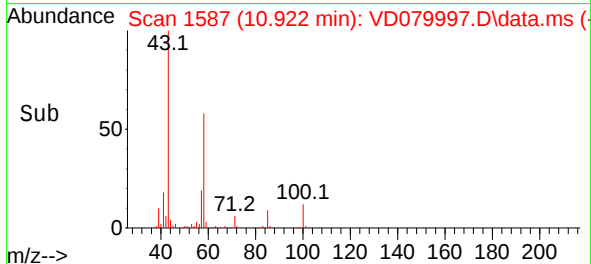
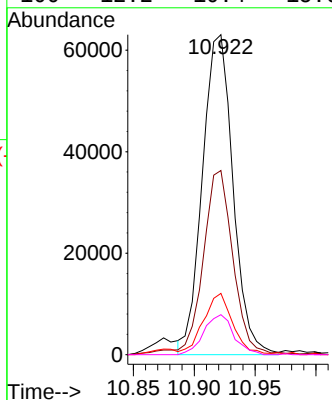


#48
2-Hexanone
Concen: 56.248 ug/L
RT: 10.922 min Scan# 110584
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :

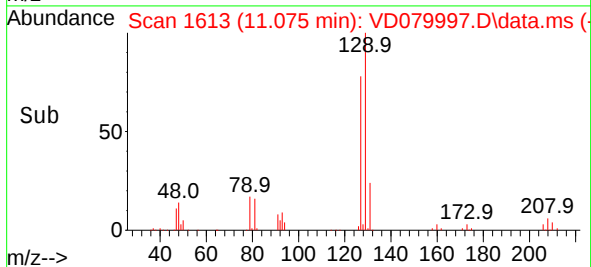
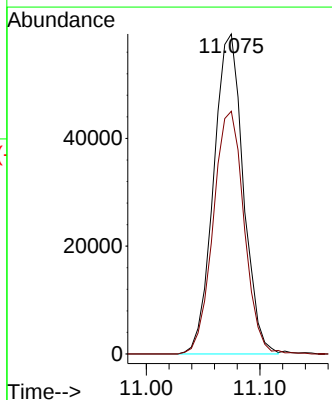
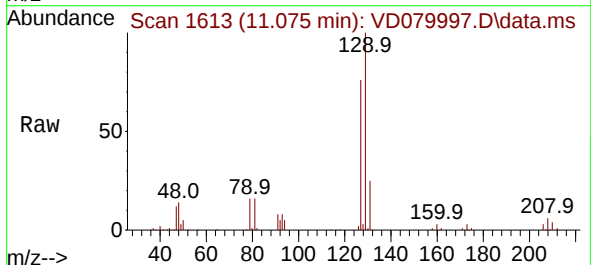


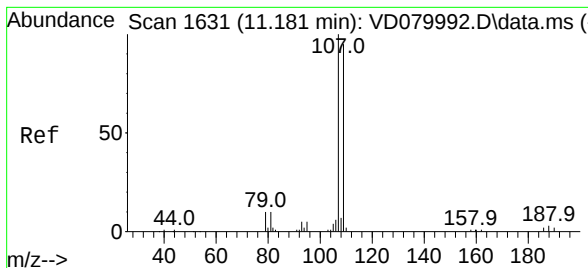
Tgt Ion: 43 Resp: 110584
Ion Ratio Lower Upper
43 100
58 55.3 45.9 68.9
57 18.4 15.2 22.8
100 12.2 10.4 15.6



#49
Dibromochloromethane
Concen: 23.311 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion: 129 Resp: 107997
Ion Ratio Lower Upper
129 100
127 75.8 54.9 102.1





#50

1,2-Dibromoethane

Concen: 23.906 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079997.D

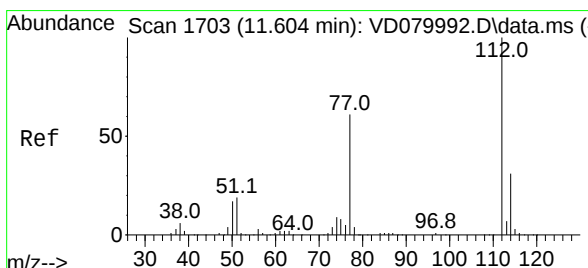
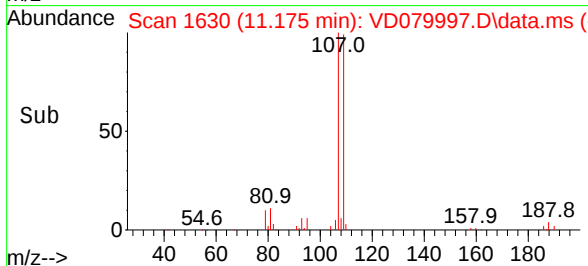
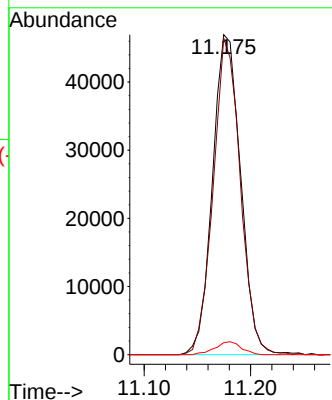
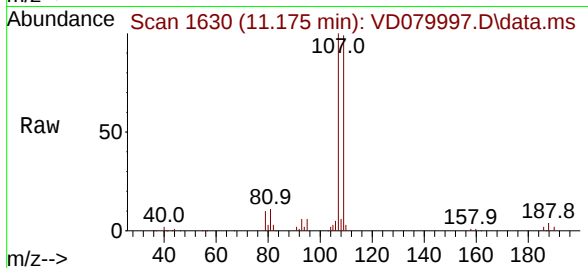
Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	85805
Ion Ratio	Lower	Upper
107	100	
109	98.8	66.6 123.8
188	3.7	2.8 4.2



#51

Chlorobenzene

Concen: 24.256 ug/L

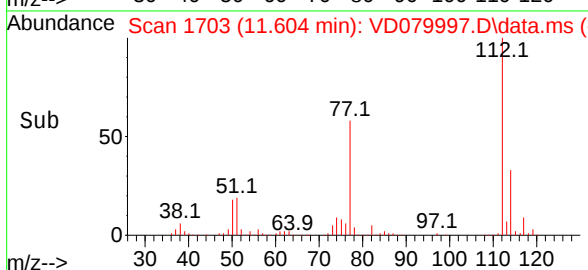
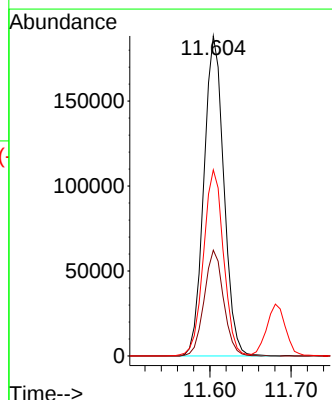
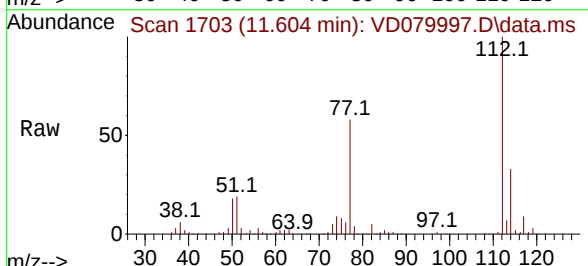
RT: 11.604 min Scan# 1703

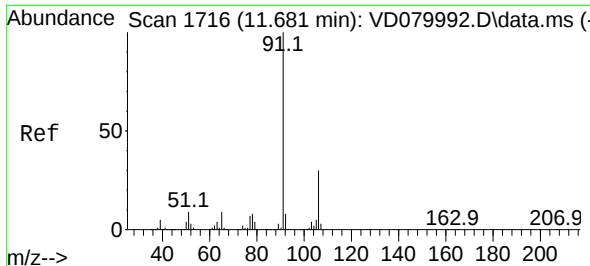
Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Tgt Ion:112	Resp:	321104
Ion Ratio	Lower	Upper
112	100	
114	33.0	21.8 40.4
77	58.2	49.1 73.7

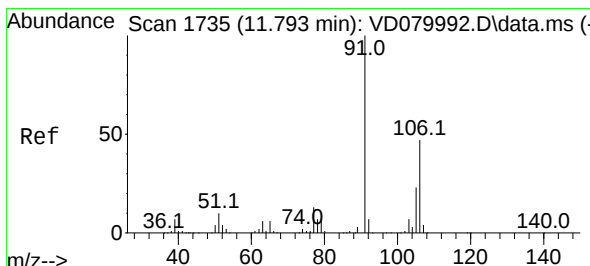
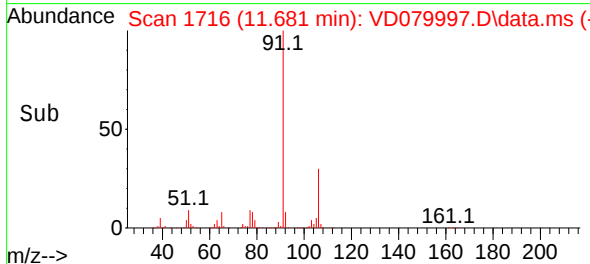
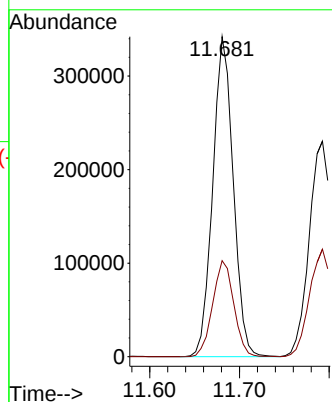
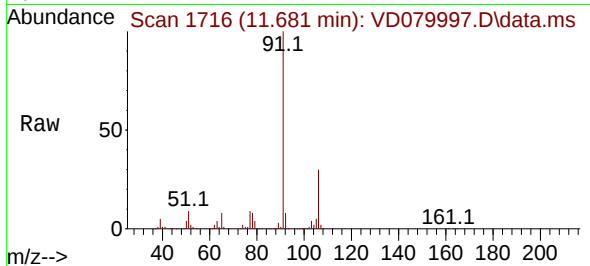




#52
Ethylbenzene
Concen: 24.935 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

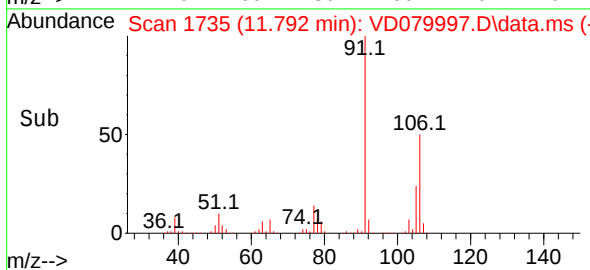
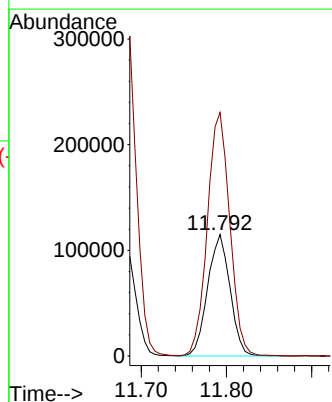
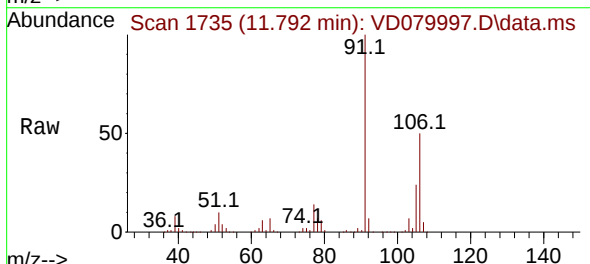
Instrument :
MSVOA_D
ClientSampleId :

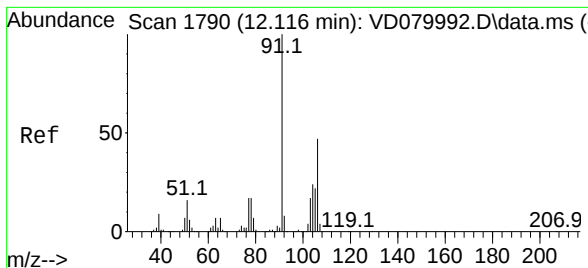
Tgt Ion: 91 Resp: 543347
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 25.602 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion:106 Resp: 209190
Ion Ratio Lower Upper
106 100
91 200.4 149.3 277.3

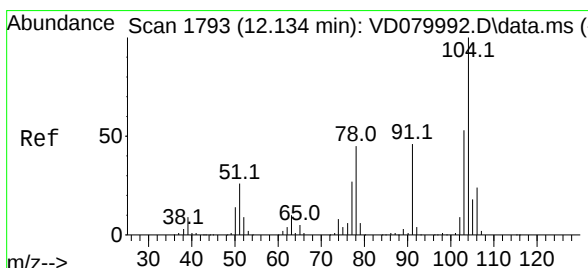
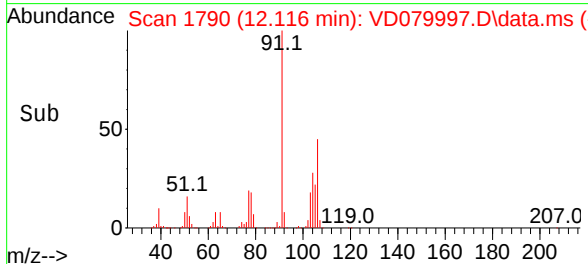
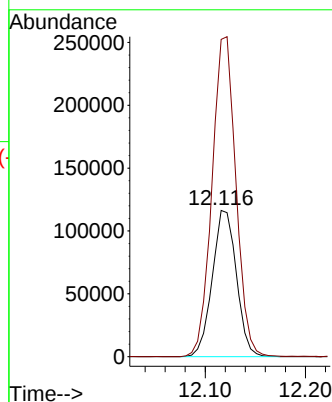
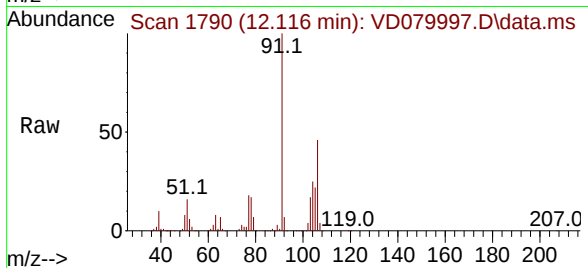




#54
o-Xylene
Concen: 24.976 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

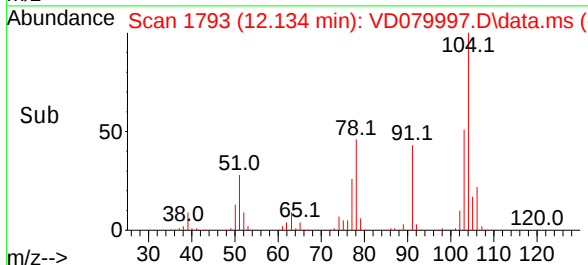
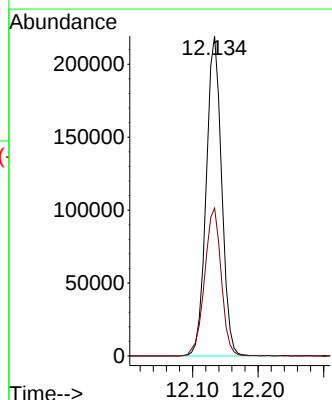
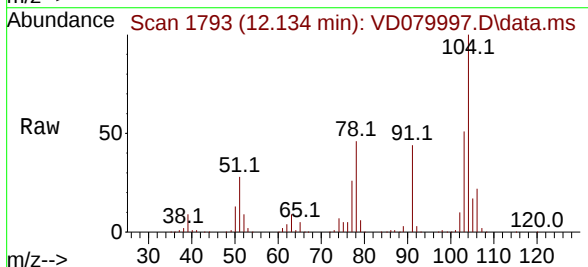
Instrument :
MSVOA_D
ClientSampleId :

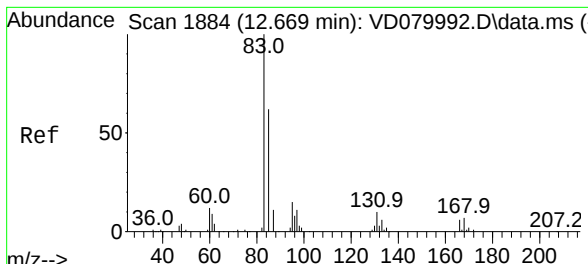
Tgt Ion:106 Resp: 194506
Ion Ratio Lower Upper
106 100
91 217.0 148.0 274.8



#55
Styrene
Concen: 25.588 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion:104 Resp: 358499
Ion Ratio Lower Upper
104 100
78 46.2 31.6 58.6



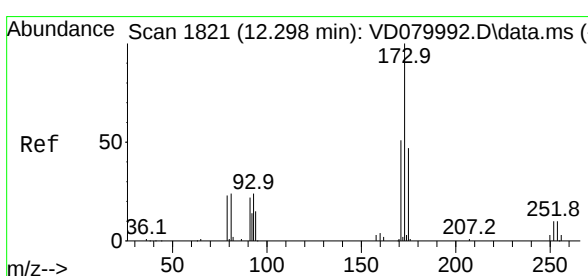
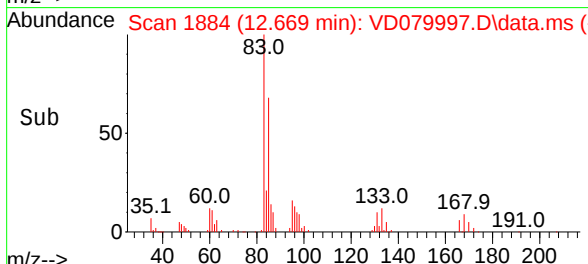
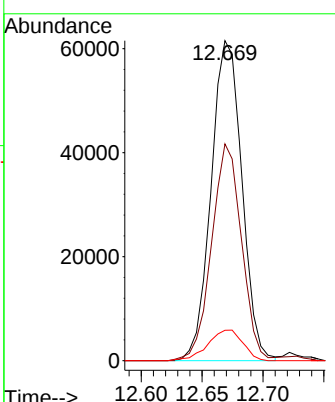
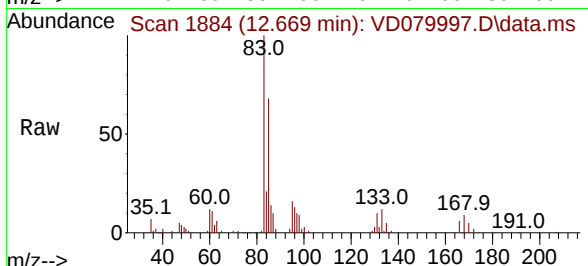


#57
 1,1,2,2-Tetrachloroethane
 Concen: 23.719 ug/L
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD079997.D
 Acq: 12 Nov 2024 13:47

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 83 Resp: 108374

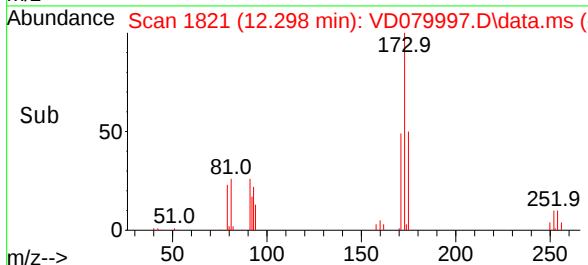
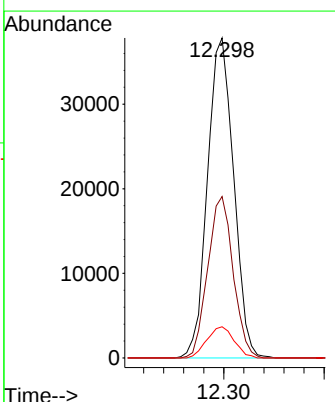
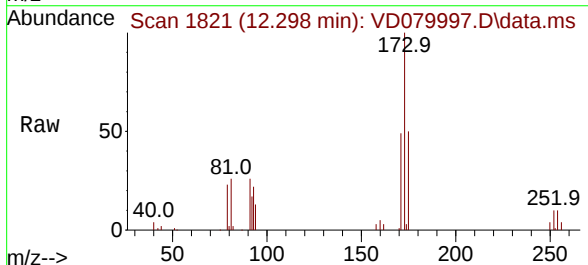
Ion	Ratio	Lower	Upper
83	100		
85	67.8	44.4	82.4
131	9.5	8.6	13.0

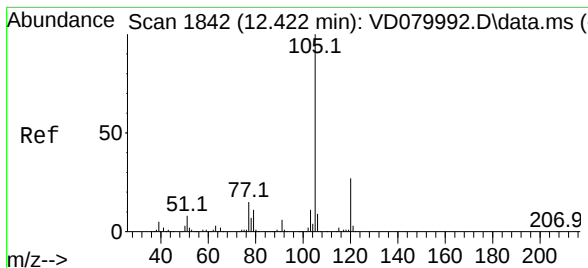


#59
 Bromoform
 Concen: 24.897 ug/L
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD079997.D
 Acq: 12 Nov 2024 13:47

Tgt Ion: 173 Resp: 68417

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.6
254	10.2	8.3	12.5





#60

Isopropylbenzene

Concen: 26.124 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

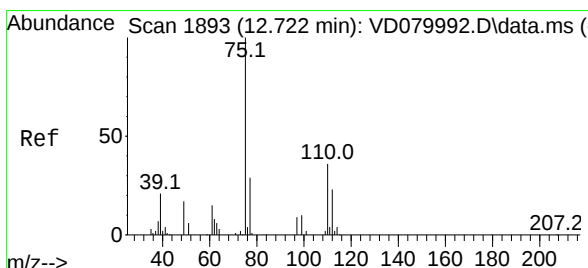
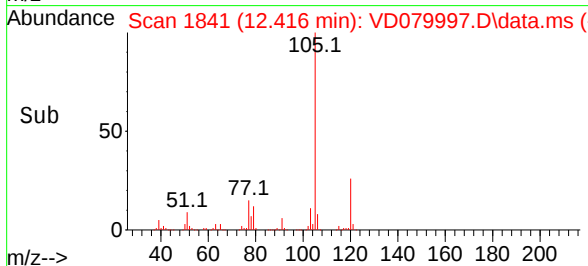
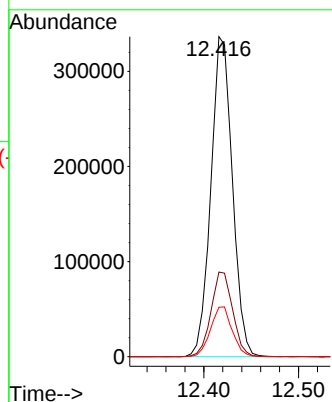
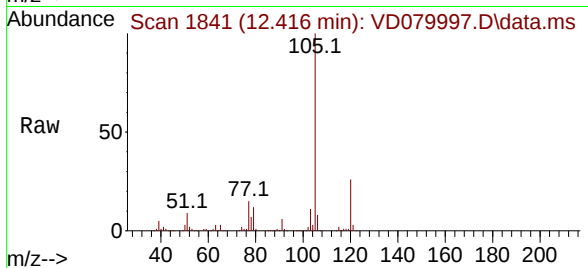
Tgt Ion:105 Resp: 531682

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 25.677 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

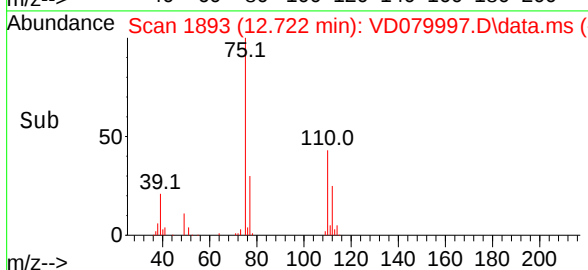
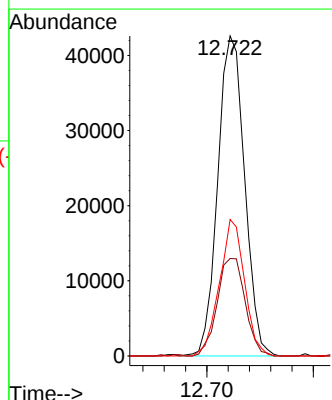
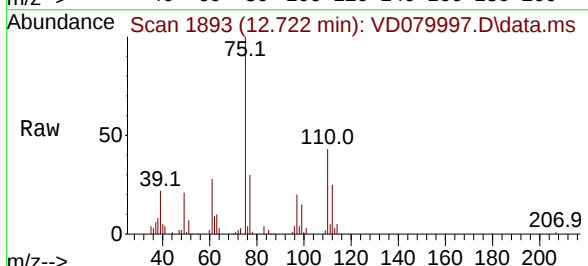
Tgt Ion: 75 Resp: 74514

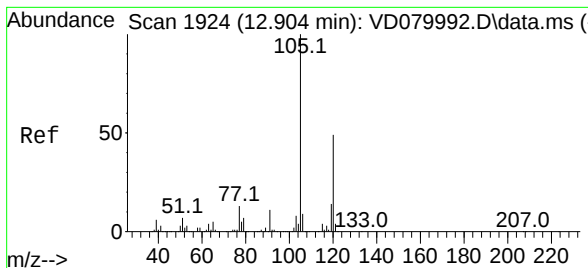
Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5

110 39.8 30.2 45.2

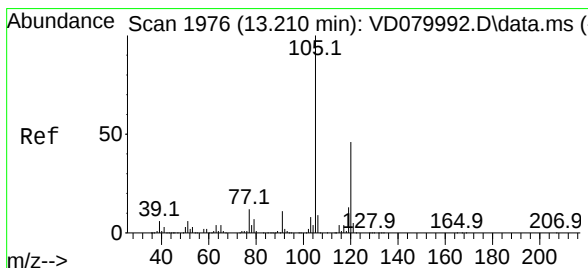
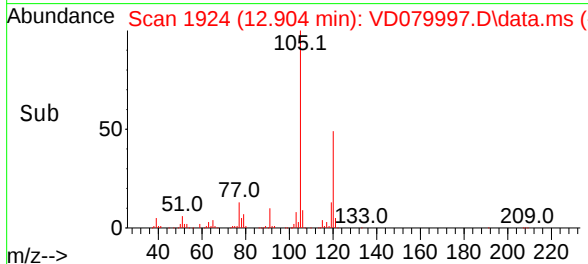
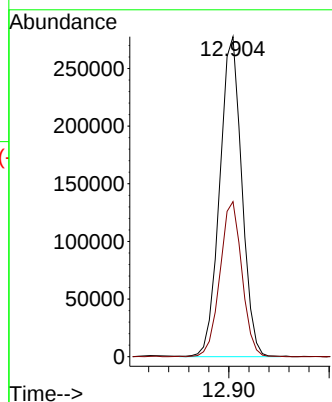
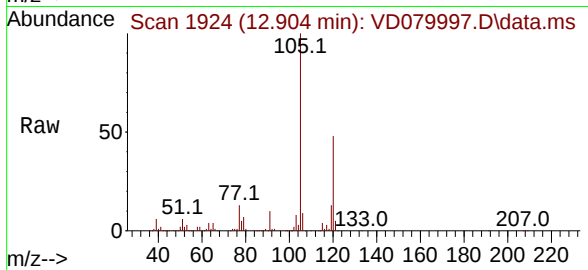




#62
1,3,5-Trimethylbenzene
Concen: 26.498 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

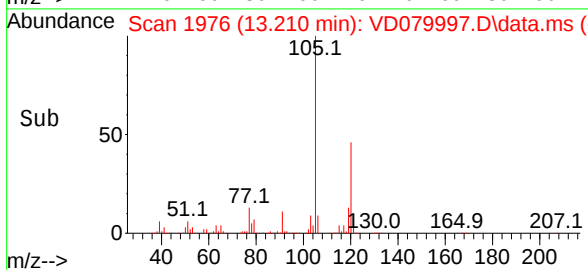
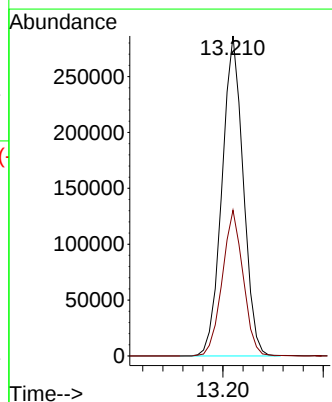
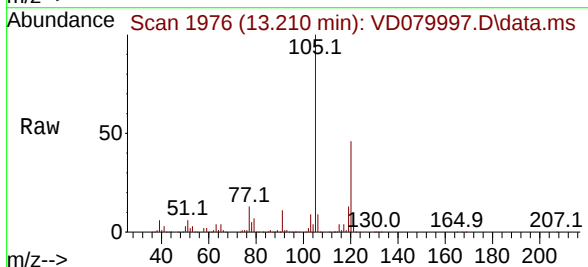
Instrument :
MSVOA_D
ClientSampleId :

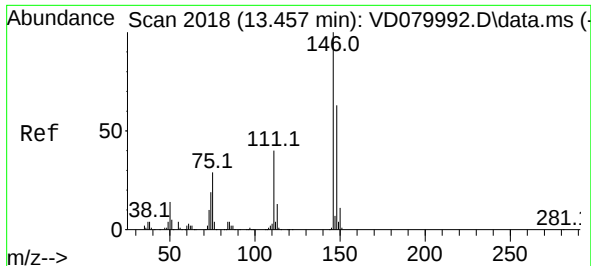
Tgt Ion:105 Resp: 423557
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.451 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079997.D
Acq: 12 Nov 2024 13:47

Tgt Ion:105 Resp: 420974
Ion Ratio Lower Upper
105 100
120 44.7 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 24.771 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

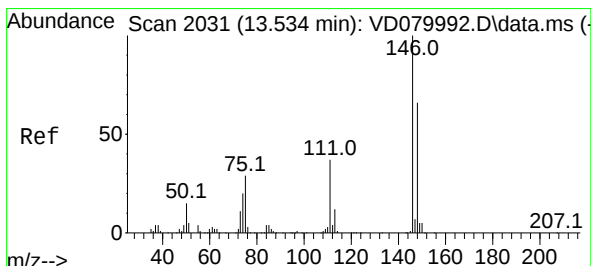
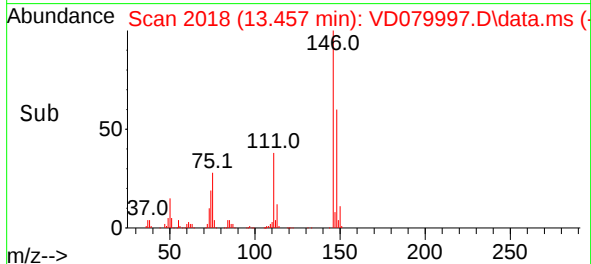
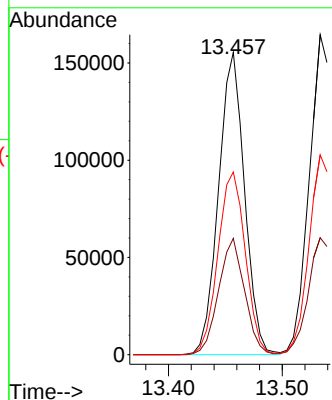
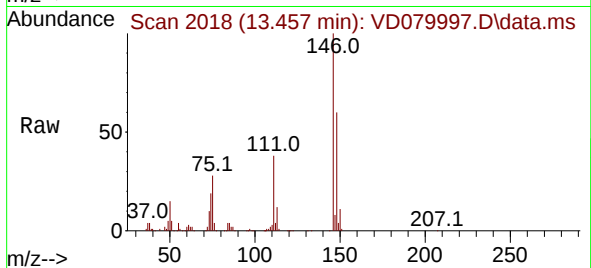
Tgt Ion:146 Resp: 247465

Ion Ratio Lower Upper

146 100

111 38.5 28.2 52.4

148 60.4 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 24.604 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

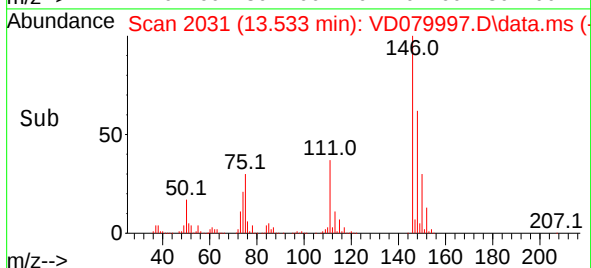
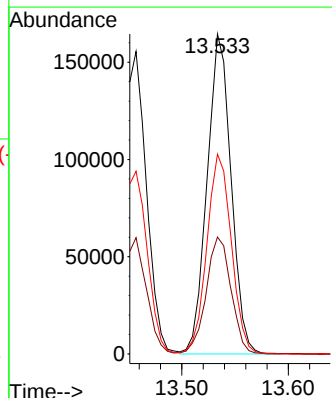
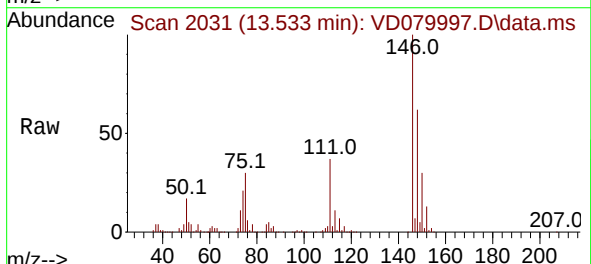
Tgt Ion:146 Resp: 257489

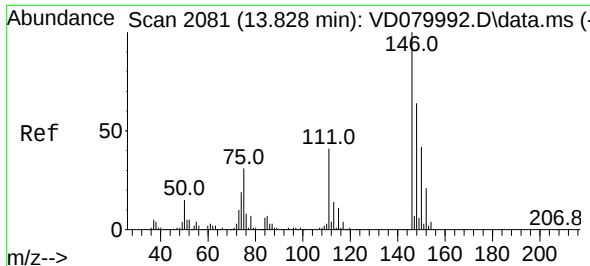
Ion Ratio Lower Upper

146 100

111 36.6 26.2 48.8

148 62.5 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 24.558 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

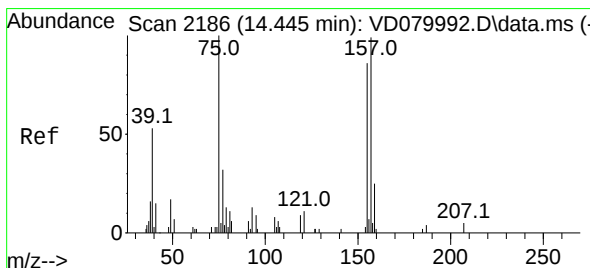
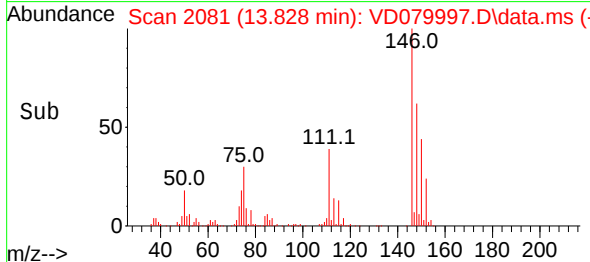
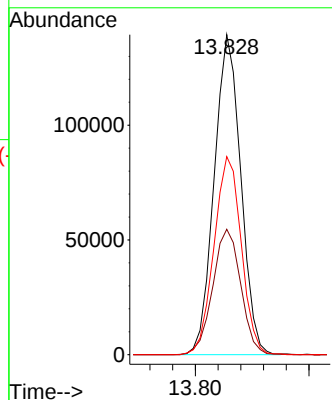
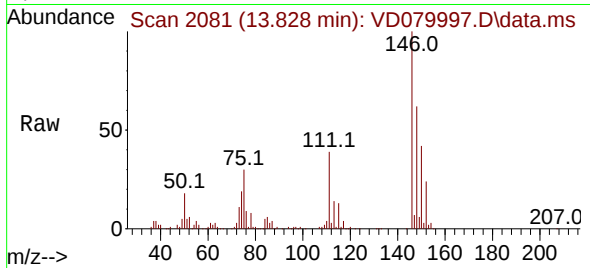
Tgt Ion:146 Resp: 226682

Ion Ratio Lower Upper

146 100

111 39.2 33.0 49.6

148 61.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.824 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

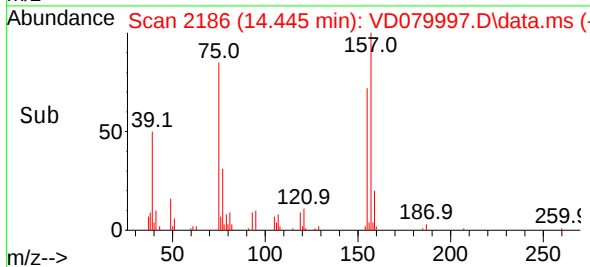
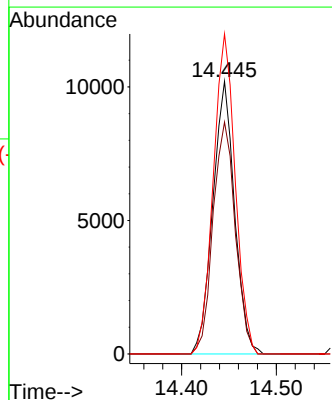
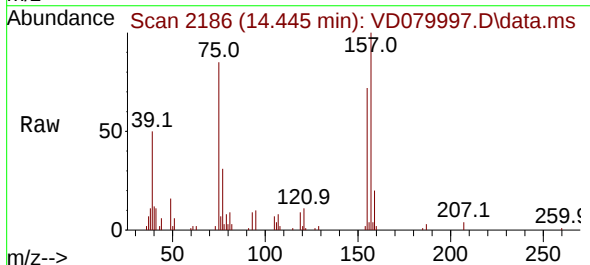
Tgt Ion: 75 Resp: 16331

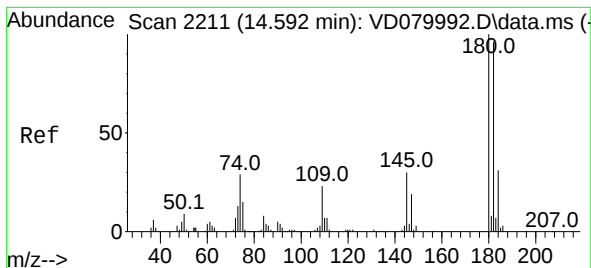
Ion Ratio Lower Upper

75 100

155 85.0 68.7 103.1

157 117.4 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 25.307 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

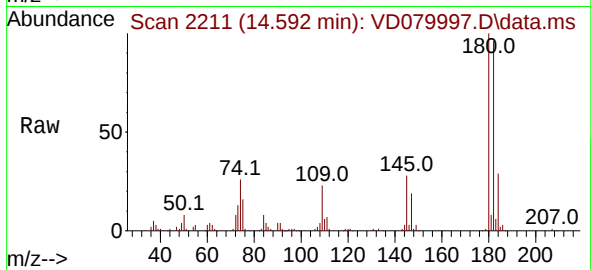
Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 170778

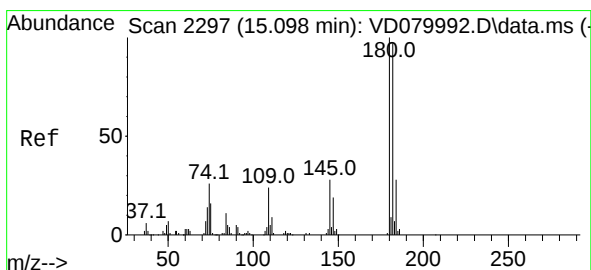
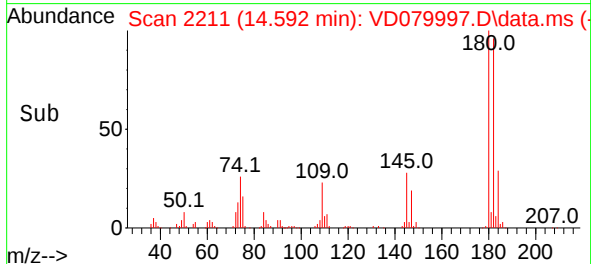
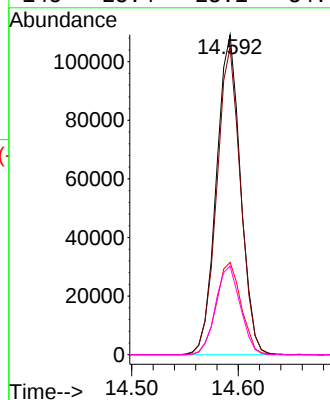
Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

184 30.0 24.6 36.8

145 28.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 24.818 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

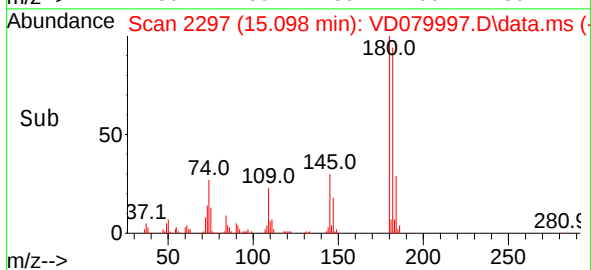
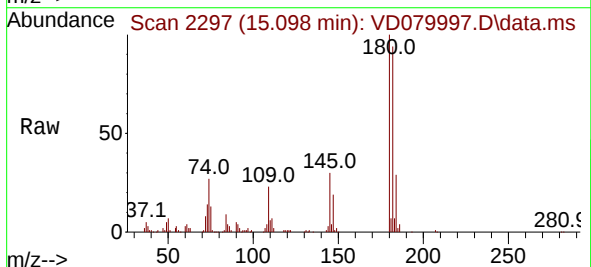
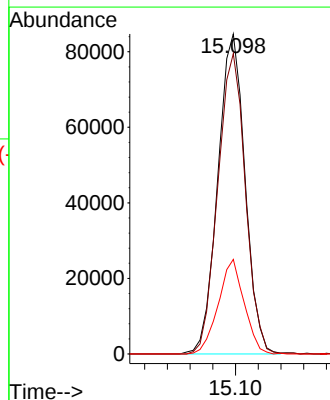
Tgt Ion:180 Resp: 141116

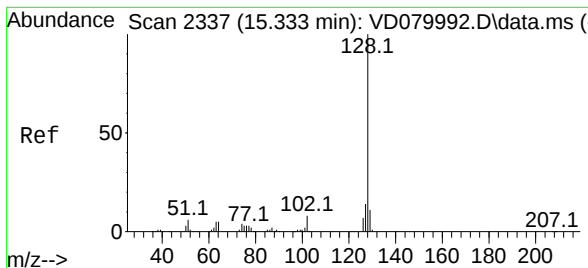
Ion Ratio Lower Upper

180 100

182 94.6 75.9 113.9

145 28.0 23.0 34.4





#71

Naphthalene

Concen: 26.217 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

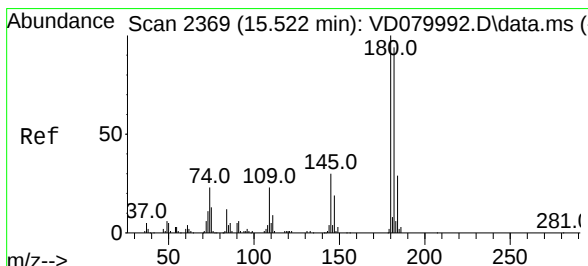
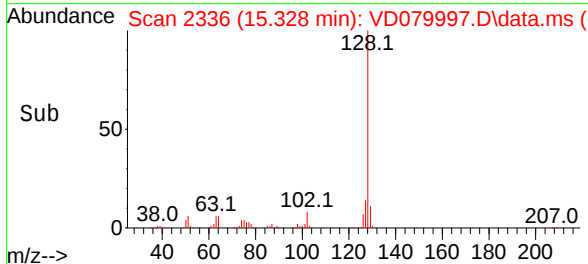
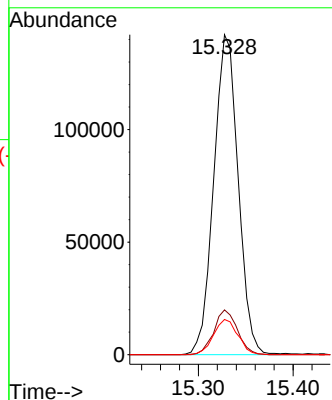
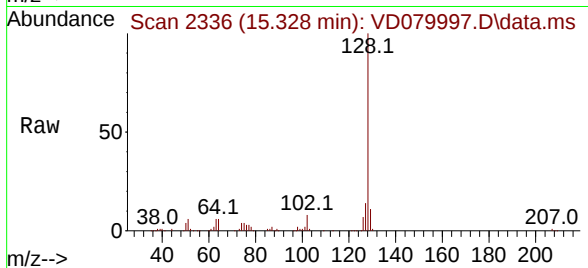
Tgt Ion:128 Resp: 254682

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.745 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079997.D

Acq: 12 Nov 2024 13:47

Tgt Ion:180 Resp: 129236

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 30.9 24.9 37.3

