

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079901.D
 Acq On : 25 Sep 2024 19:44
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.29G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 26 01:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:54:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	125063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	123948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	62653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	104227	19.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
7) Chloroethane-d5	2.799	69	100238	23.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	3.922	65	19070	19.314	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	6.987	46	25396	50.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.520%
24) Chloroform-d	7.569	84	106455	25.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.234	65	55944	26.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.199	84	214443	24.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	9.210	67	67252	25.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.269	98	195440	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.522	79	26409	22.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.680%
47) 2-Hexanone-d5	10.875	63	22825	52.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.500%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	55051	27.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	59030	24.983	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45691	19.160	ug/L	99
3) Chloromethane	2.146	50	90167	21.569	ug/L	97
5) Vinyl chloride	2.281	62	117377	22.914	ug/L	98
6) Bromomethane	2.693	94	71638	27.774	ug/L	99
8) Chloroethane	2.840	64	83573	24.694	ug/L	100
9) Trichlorofluoromethane	3.175	101	80628	21.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	44324	21.741	ug/L	99
12) 1,1-Dichloroethene	3.940	96	40368	21.259	ug/L	92
13) Acetone	4.017	43	26240	42.597	ug/L	70
14) Carbon disulfide	4.270	76	121290	19.637	ug/L	99
15) Methyl Acetate	4.564	43	22991	23.430	ug/L #	82
16) Methylene chloride	4.799	84	55968	22.648	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	47421	23.421	ug/L	95
18) Methyl tert-butyl Ether	5.317	73	109444	24.029	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	100145	24.901	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	56024	25.131	ug/L	93
22) 2-Butanone	7.087	43	32030	44.326	ug/L	82
23) Bromochloromethane	7.428	128	23656	25.002	ug/L	92
25) Chloroform	7.593	83	108178	25.841	ug/L	90

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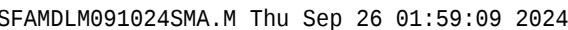
Instrument :
 MSVOA_D
 ClientSampleId :

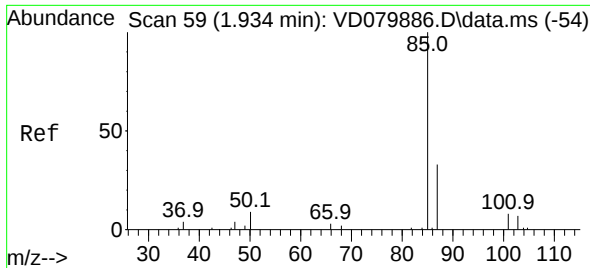
Quant Time: Sep 26 01:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:54:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	65974	25.785	ug/L	96
29) Cyclohexane	7.875	56	63613	20.749	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	87043	25.763	ug/L	99
31) Carbon tetrachloride	7.993	117	75046	25.070	ug/L	100
33) Benzene	8.252	78	233477	25.297	ug/L	100
34) Trichloroethene	9.028	95	52259	24.505	ug/L	96
35) Methylcyclohexane	9.269	83	76749	22.301	ug/L	98
37) 1,2-Dichloropropane	9.305	63	65119	25.872	ug/L #	100
38) Bromodichloromethane	9.581	83	76436	26.062	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	91459	25.876	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	63663	48.318	ug/L	100
42) Toluene	10.334	91	259275	26.669	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	79992	25.680	ug/L	89
45) 1,1,2-Trichloroethane	10.728	97	45540	26.482	ug/L	91
46) Tetrachloroethene	10.810	164	37323	25.779	ug/L	95
48) 2-Hexanone	10.916	43	52282	48.783	ug/L	97
49) Dibromochloromethane	11.069	129	48453	25.814	ug/L	92
50) 1,2-Dibromoethane	11.175	107	37473	25.230	ug/L	93
51) Chlorobenzene	11.604	112	153111	26.243	ug/L	97
52) Ethylbenzene	11.681	91	278368	27.257	ug/L	99
53) m,p-Xylene	11.793	106	105981	27.398	ug/L	100
54) o-Xylene	12.122	106	104147	27.459	ug/L	89
55) Styrene	12.128	104	188180	28.230	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	52706	26.148	ug/L	100
59) Bromoform	12.293	173	27503	25.429	ug/L #	96
60) Isopropylbenzene	12.416	105	279021	25.795	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	37395	24.282	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	215238	27.208	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	213740	25.764	ug/L	99
64) 1,3-Dichlorobenzene	13.451	146	114457	25.604	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	118386	25.249	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	103938	25.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	7510	23.833	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.593	180	68394	25.233	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	55358	24.257	ug/L	97
71) Naphthalene	15.328	128	117396	23.032	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	50745	24.859	ug/L	97

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

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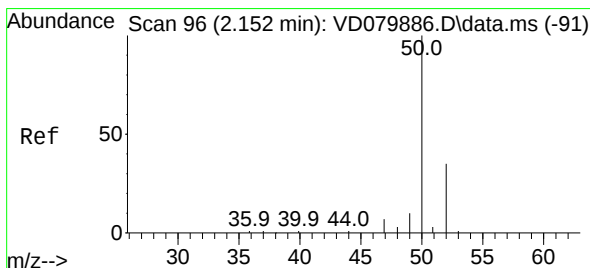
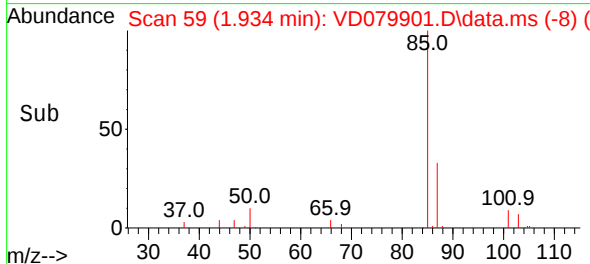
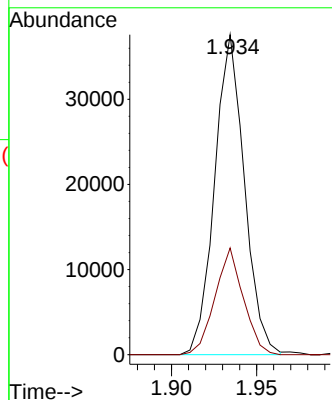
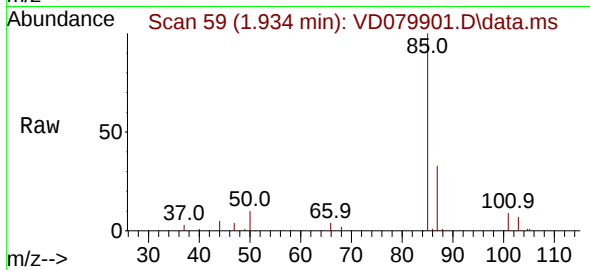




#2
Dichlorodifluoromethane
Concen: 19.160 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

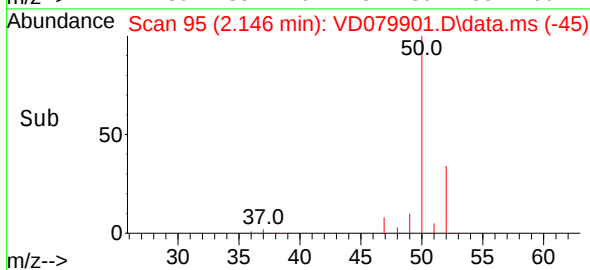
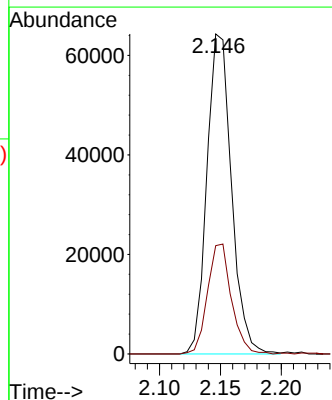
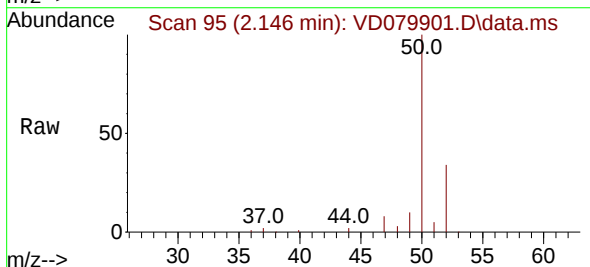
Instrument :
MSVOA_D
ClientSampleId :

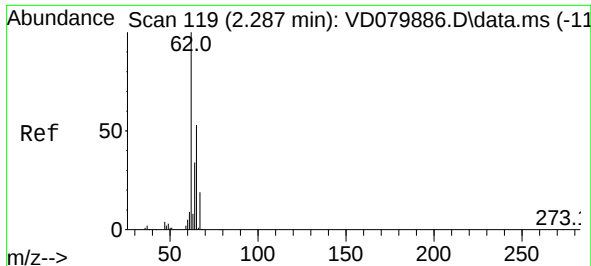
Tgt Ion: 85 Resp: 45691
Ion Ratio Lower Upper
85 100
87 31.8 25.0 37.6



#3
Chloromethane
Concen: 21.569 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 50 Resp: 90167
Ion Ratio Lower Upper
50 100
52 33.9 22.4 41.6

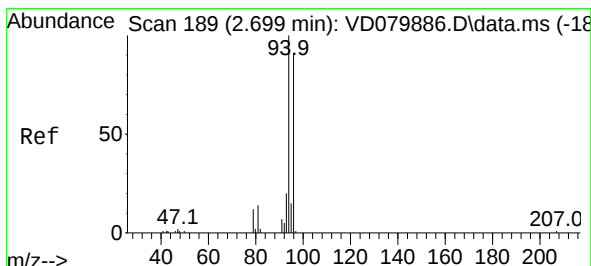
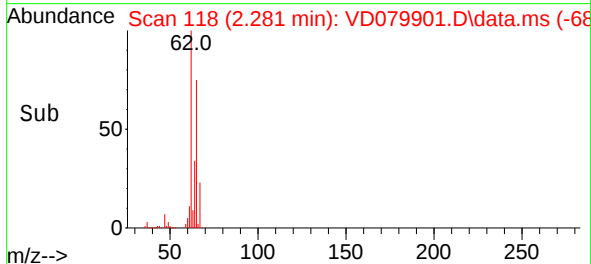
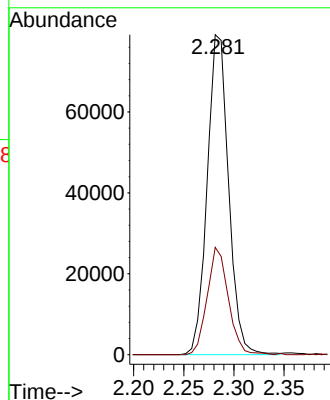
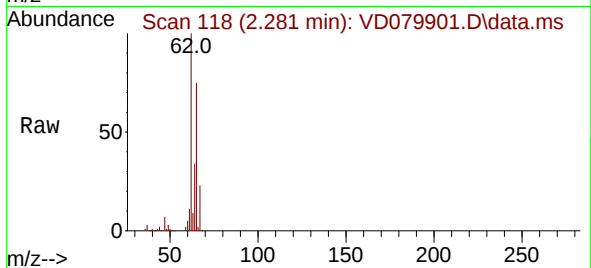




#5
Vinyl chloride
Concen: 22.914 ug/L
RT: 2.281 min Scan# 119
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

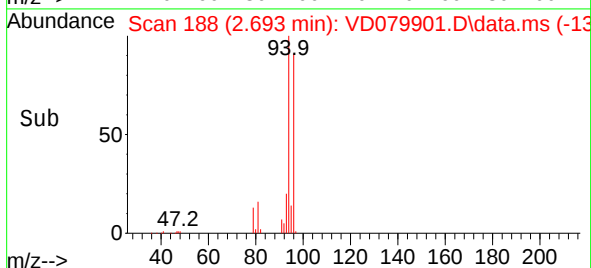
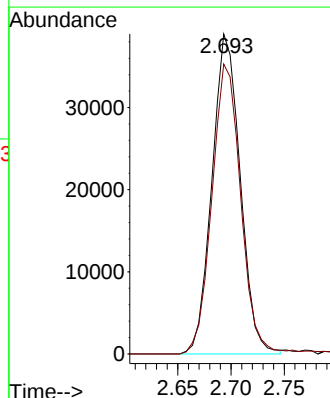
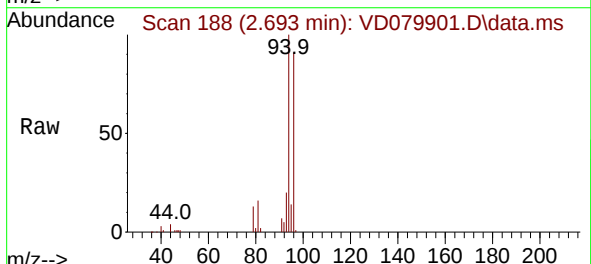
Instrument :
MSVOA_D
ClientSampleId :

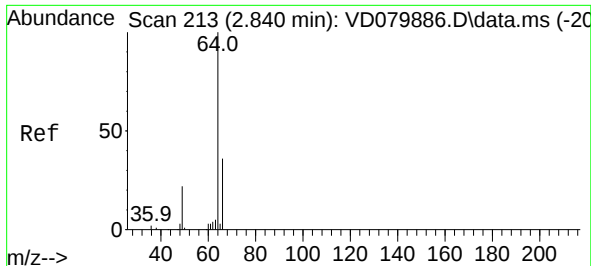
Tgt Ion: 62 Resp: 117377
Ion Ratio Lower Upper
62 100
64 33.6 22.6 42.0



#6
Bromomethane
Concen: 27.774 ug/L
RT: 2.693 min Scan# 188
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 94 Resp: 71638
Ion Ratio Lower Upper
94 100
96 90.6 64.3 119.5

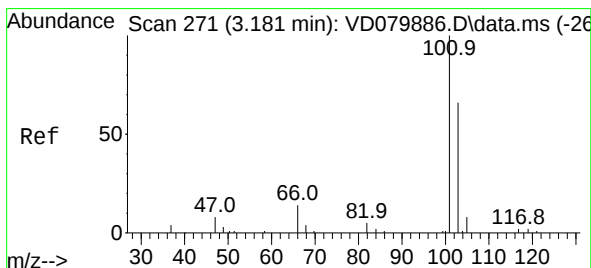
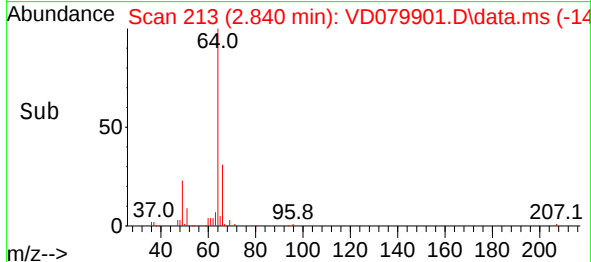
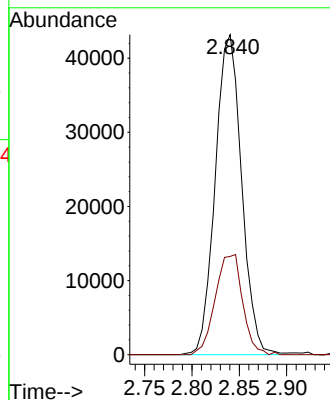
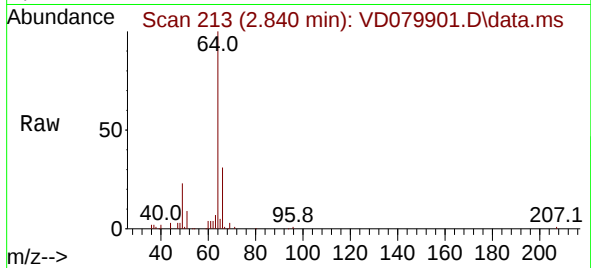




#8
Chloroethane
Concen: 24.694 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

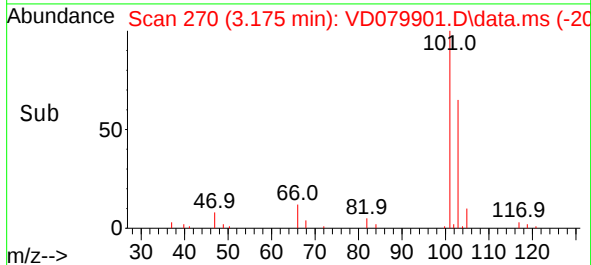
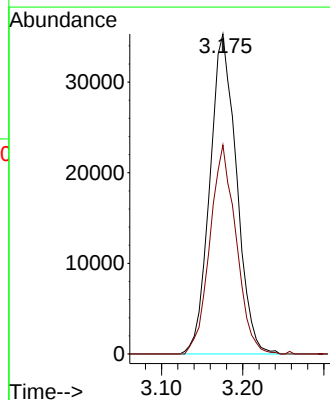
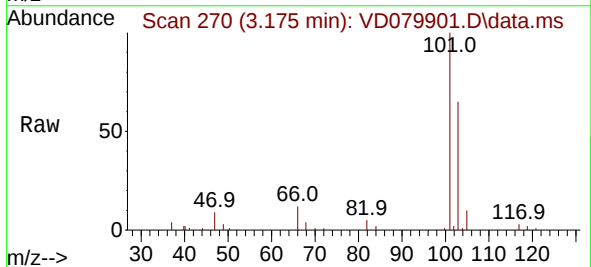
Instrument :
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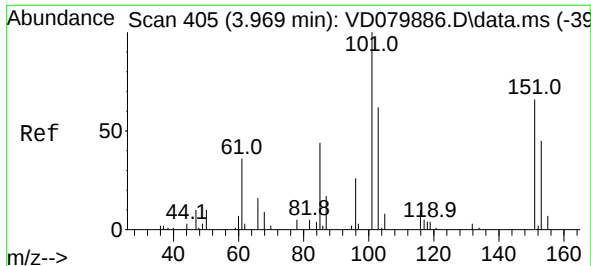
Tgt Ion: 64 Resp: 83573
Ion Ratio Lower Upper
64 100
66 30.7 21.3 39.6



#9
Trichlorofluoromethane
Concen: 21.891 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion:101 Resp: 80628
Ion Ratio Lower Upper
101 100
103 64.1 50.5 75.7





#10

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

Concen: 21.741 ug/L

RT: 3.970 min Scan# 405

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

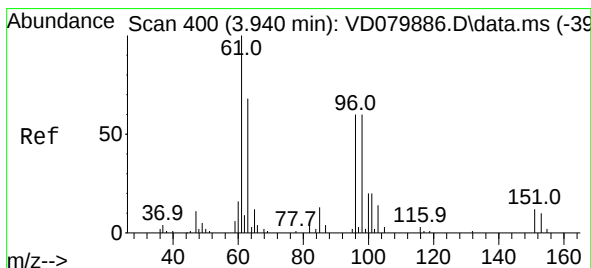
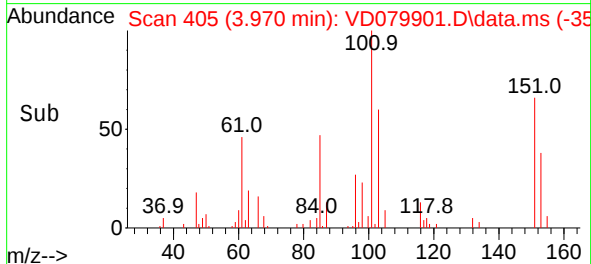
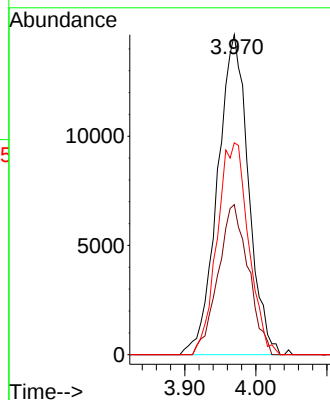
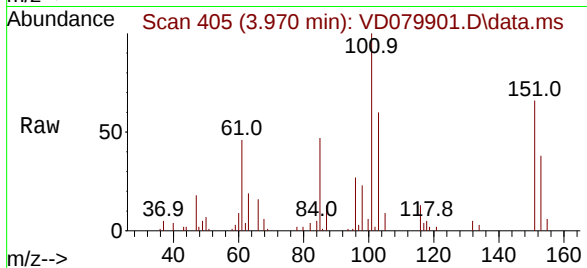
Tgt Ion:101 Resp: 44324

Ion Ratio Lower Upper

101 100

85 46.0 37.8 56.8

151 67.2 54.2 81.4



#12

1,1-Dichloroethene

Concen: 21.259 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

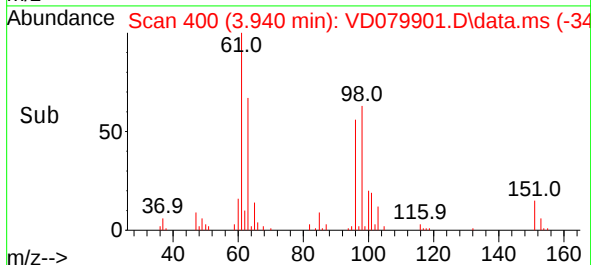
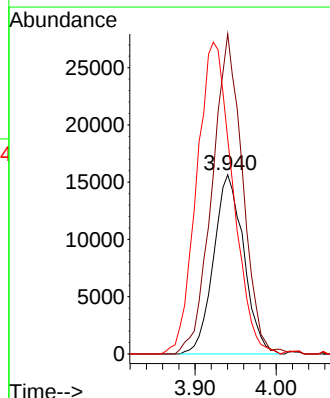
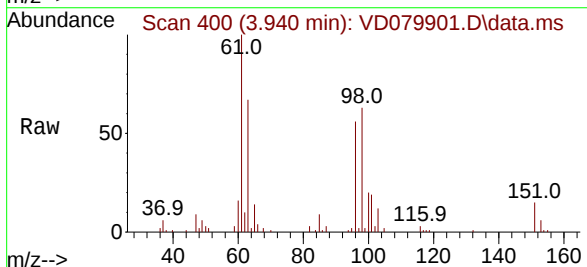
Tgt Ion: 96 Resp: 40368

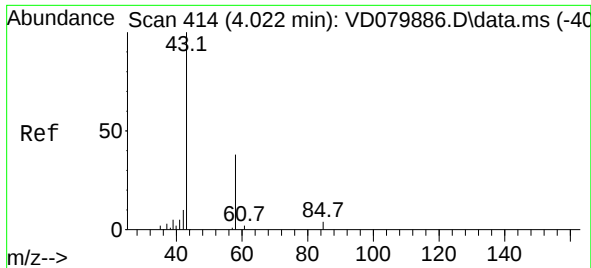
Ion Ratio Lower Upper

96 100

61 178.6 119.8 222.4

63 120.1 93.9 174.3





#13

Acetone

Concen: 42.597 ug/L

RT: 4.017 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

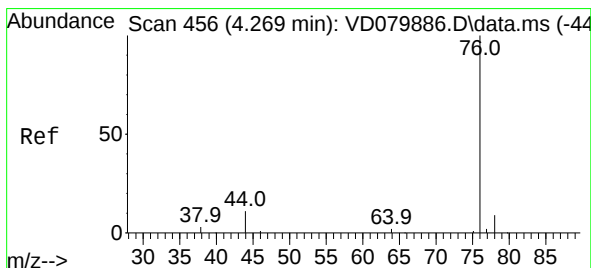
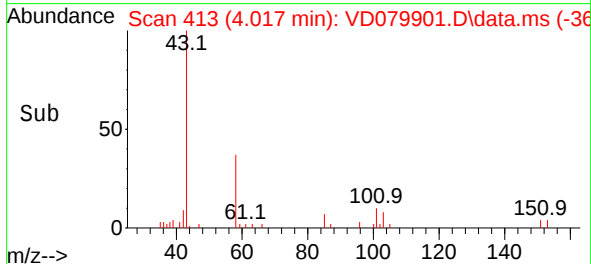
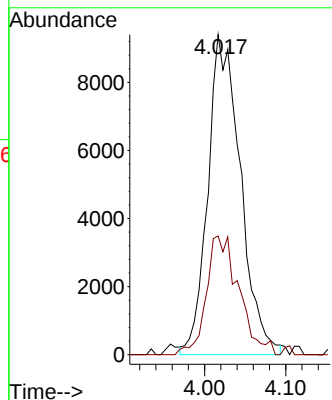
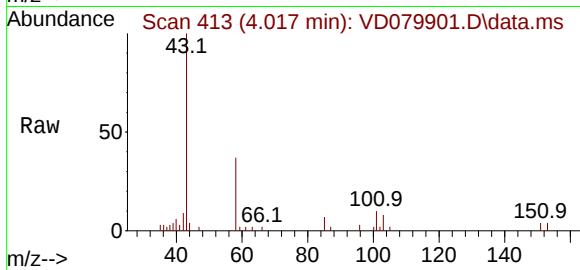
ClientSampleId :

Tgt Ion: 43 Resp: 26240

Ion Ratio Lower Upper

43 100

58 20.1 0.0 75.8



#14

Carbon disulfide

Concen: 19.637 ug/L

RT: 4.270 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079901.D

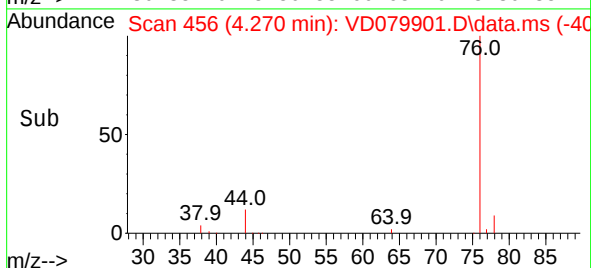
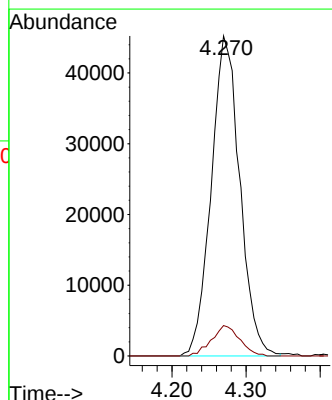
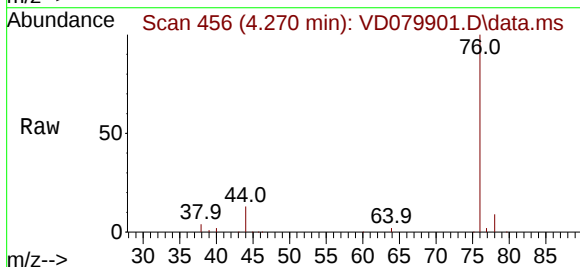
Acq: 25 Sep 2024 19:44

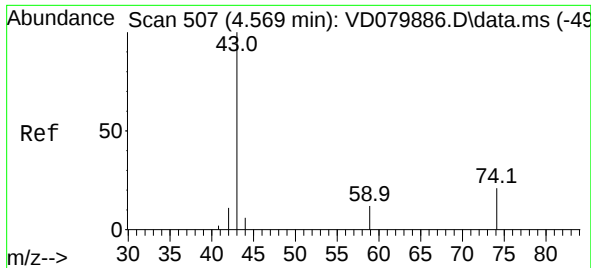
Tgt Ion: 76 Resp: 121290

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 23.430 ug/L

RT: 4.564 min Scan# 507

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

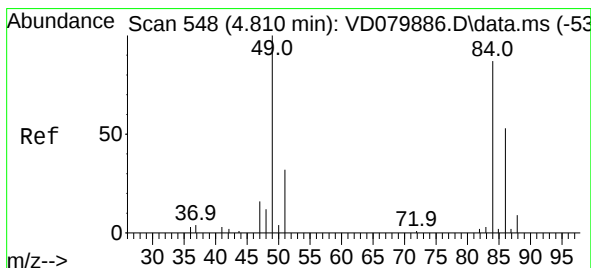
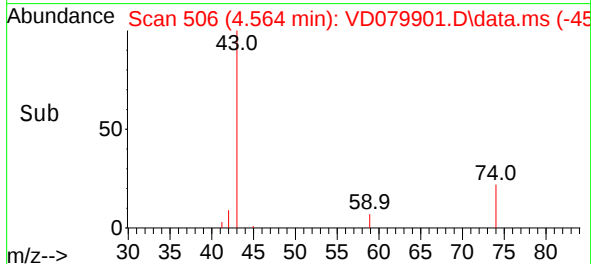
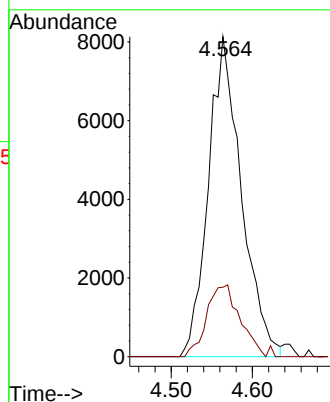
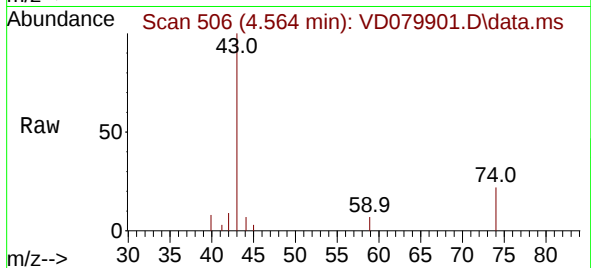
ClientSampleId :

Tgt Ion: 43 Resp: 22991

Ion Ratio Lower Upper

43 100

74 22.5 11.9 17.9#



#16

Methylene chloride

Concen: 22.648 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

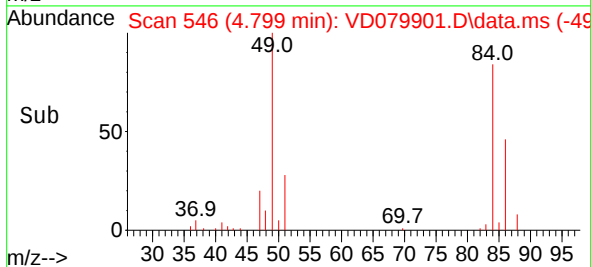
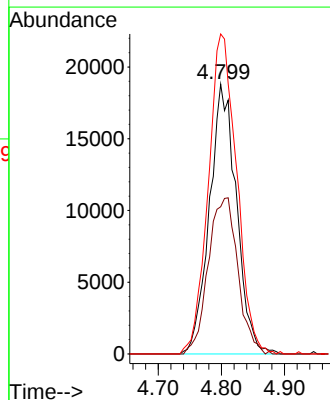
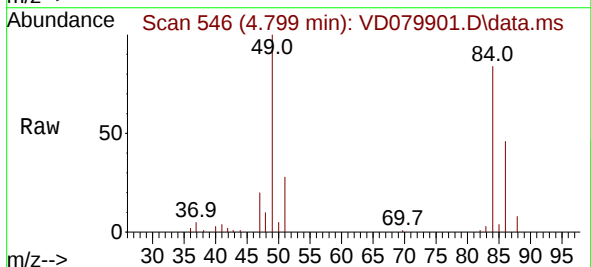
Tgt Ion: 84 Resp: 55968

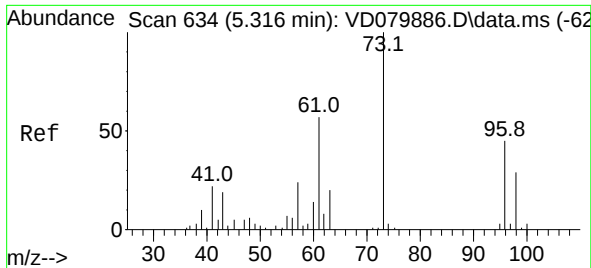
Ion Ratio Lower Upper

84 100

86 54.5 41.0 76.2

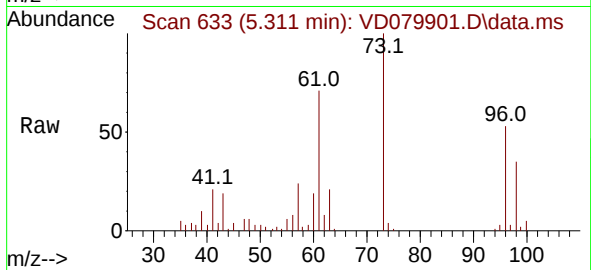
49 118.6 90.0 167.2





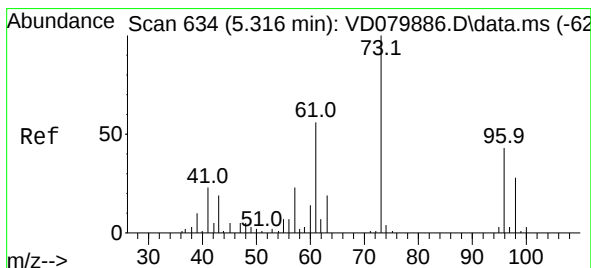
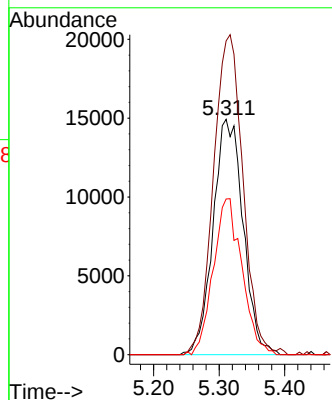
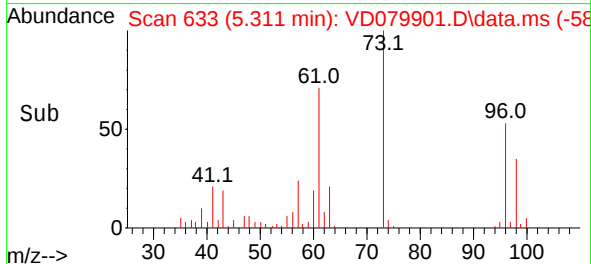
#17
trans-1,2-Dichloroethene
Concen: 23.421 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 47421

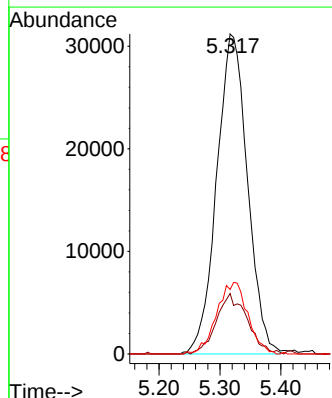
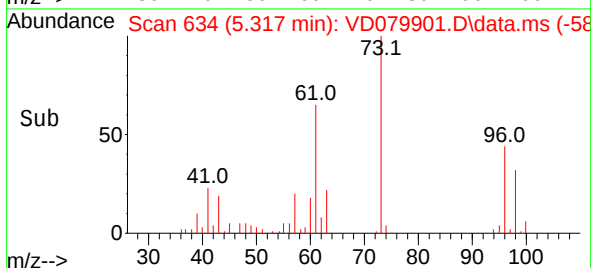
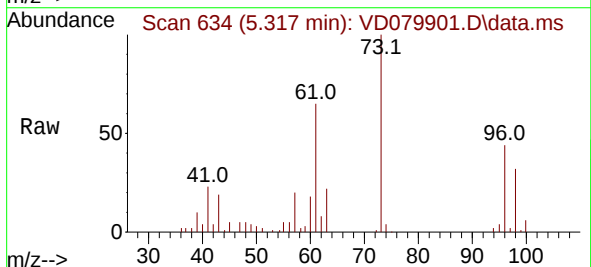
Ion	Ratio	Lower	Upper
96	100		
61	133.3	88.7	164.7
98	66.1	43.8	81.3

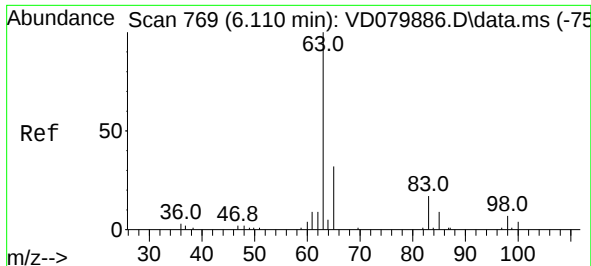


#18
Methyl tert-butyl Ether
Concen: 24.029 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 73 Resp: 109444

Ion	Ratio	Lower	Upper
73	100		
43	10.8	14.5	21.7#
57	22.5	18.8	28.2

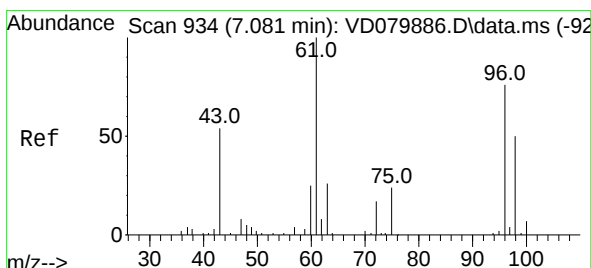
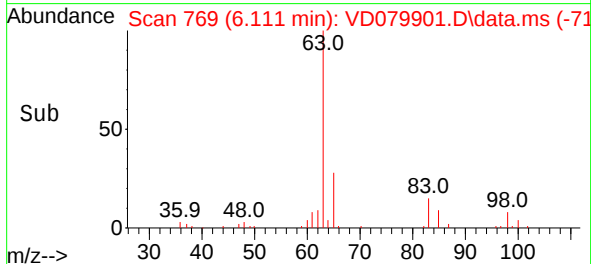
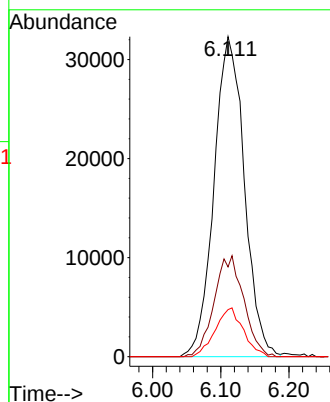
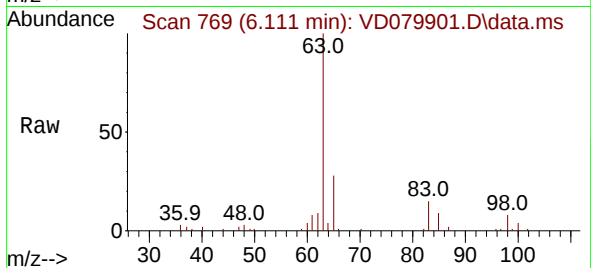




#19
1,1-Dichloroethane
Concen: 24.901 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

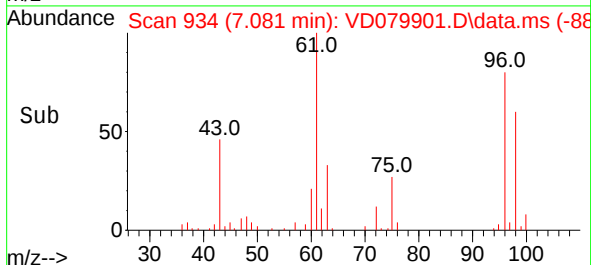
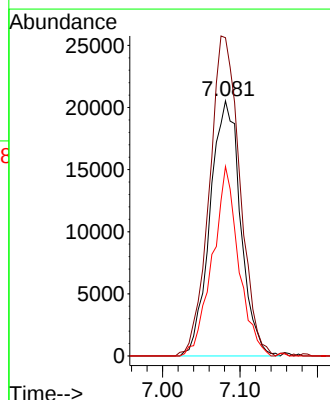
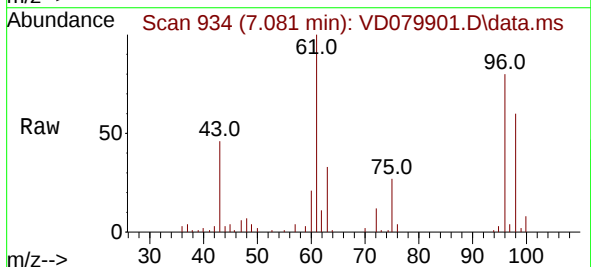
Instrument :
MSVOA_D
ClientSampleId :

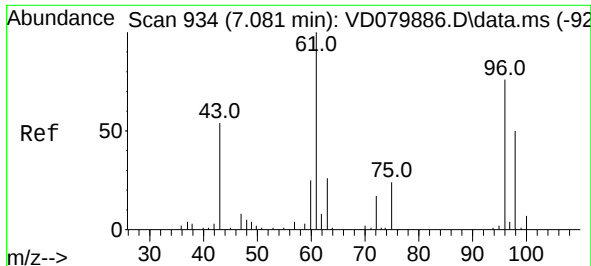
Tgt Ion: 63 Resp: 100145
Ion Ratio Lower Upper
63 100
65 28.0 22.6 42.0
83 14.7 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 25.131 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 96 Resp: 56024
Ion Ratio Lower Upper
96 100
61 124.8 83.8 155.6
98 74.3 45.9 85.3

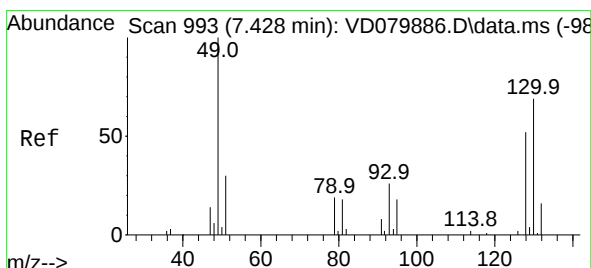
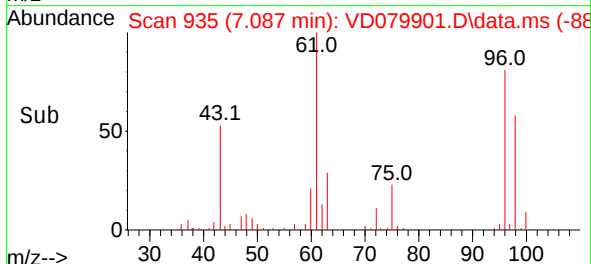
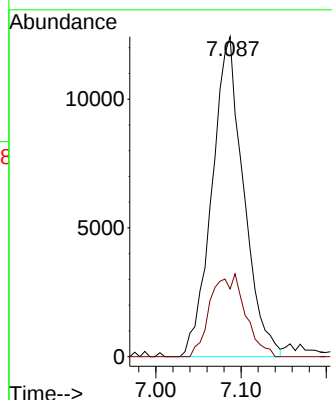
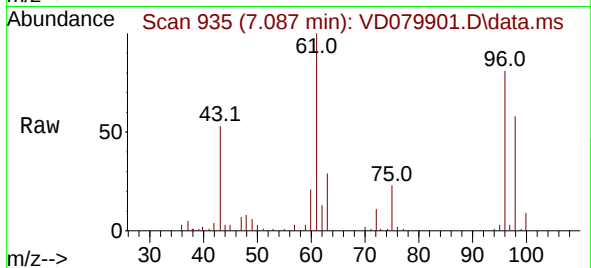




#22
2-Butanone
Concen: 44.326 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

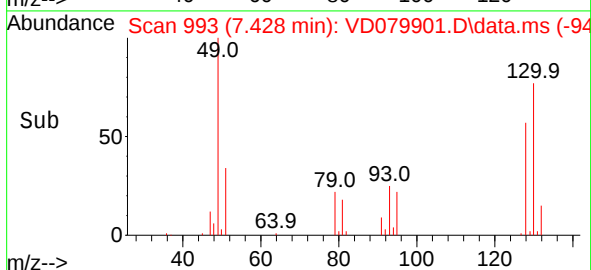
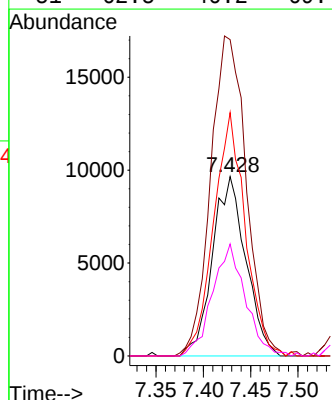
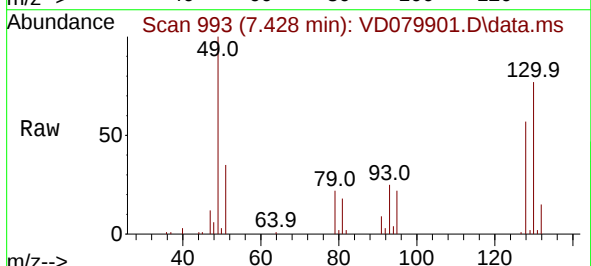
Instrument :
MSVOA_D
ClientSampleId :

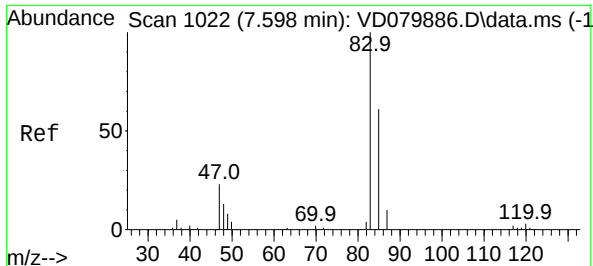
Tgt Ion: 43 Resp: 32030
Ion Ratio Lower Upper
43 100
72 17.0 13.1 39.3



#23
Bromochloromethane
Concen: 25.002 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion:128 Resp: 23656
Ion Ratio Lower Upper
128 100
49 176.4 132.3 245.7
130 135.7 89.4 166.0
51 62.5 46.2 69.4





#25

Chloroform

Concen: 25.841 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

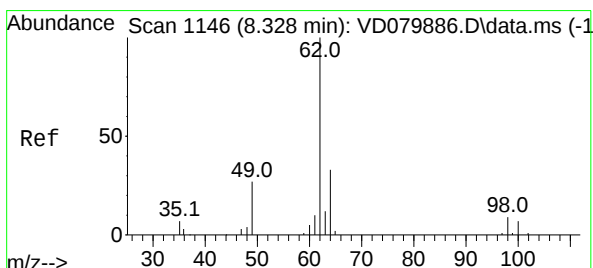
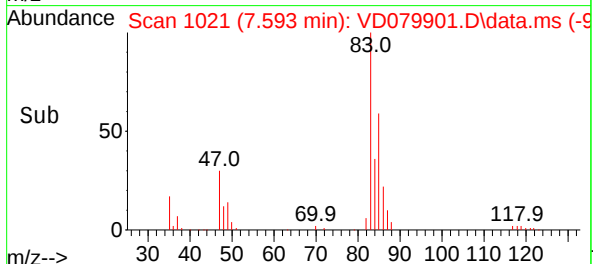
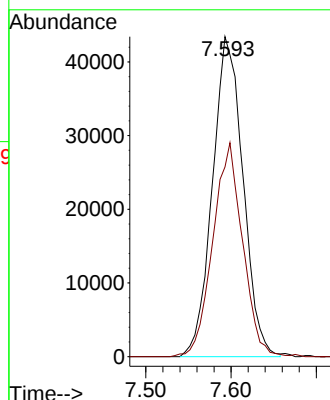
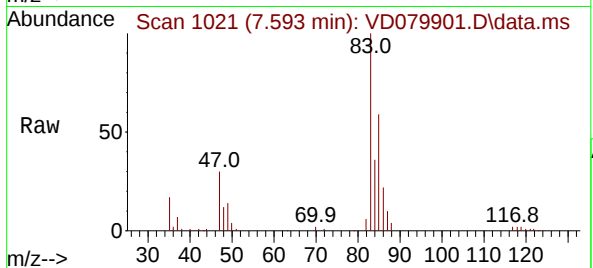
ClientSampleId :

Tgt Ion: 83 Resp: 108178

Ion Ratio Lower Upper

83 100

85 59.3 47.3 87.9



#27

1,2-Dichloroethane

Concen: 25.785 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD079901.D

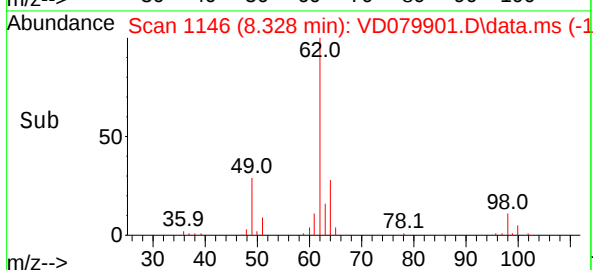
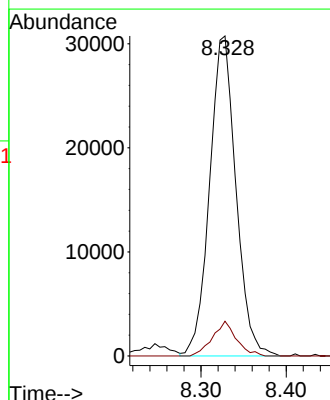
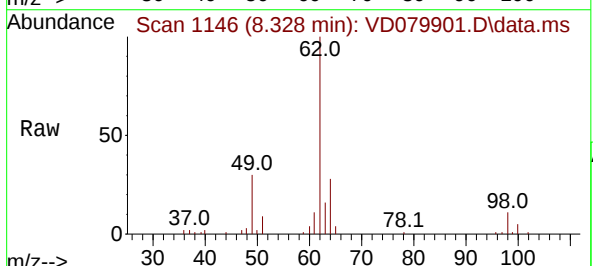
Acq: 25 Sep 2024 19:44

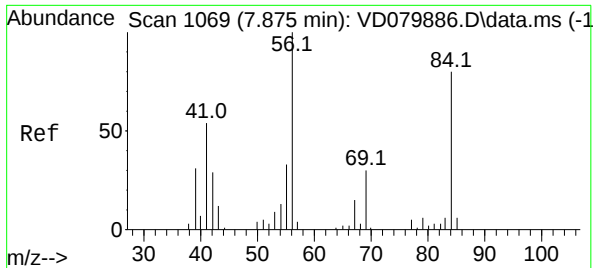
Tgt Ion: 62 Resp: 65974

Ion Ratio Lower Upper

62 100

98 10.8 7.5 11.3

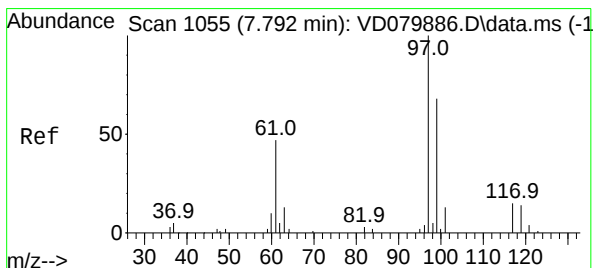
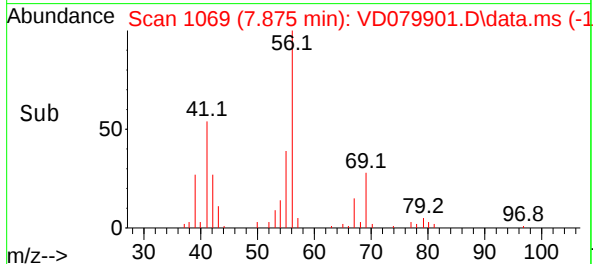
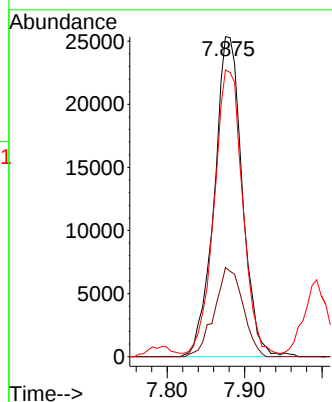
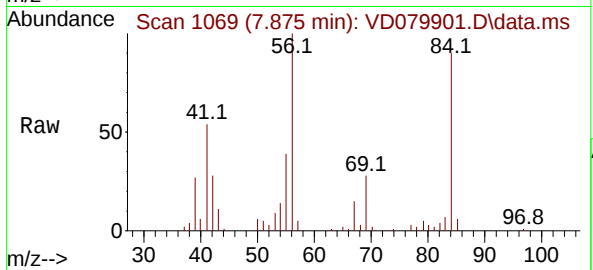




#29
Cyclohexane
Concen: 20.749 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

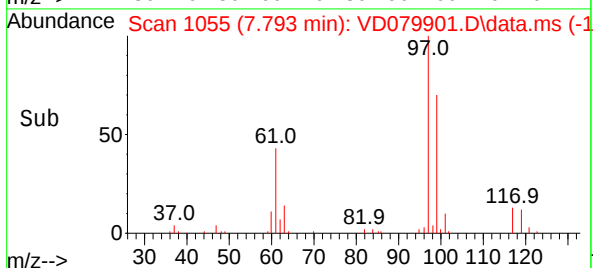
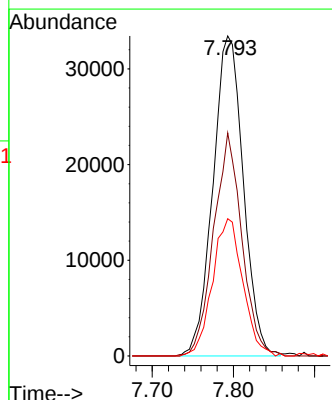
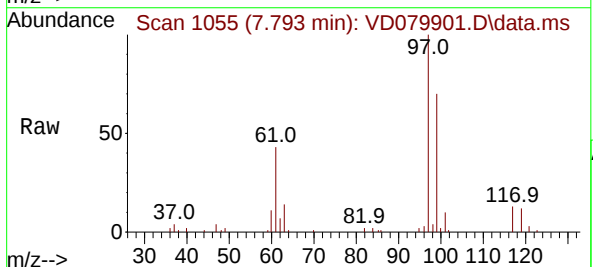
Instrument :
MSVOA_D
ClientSampleId :

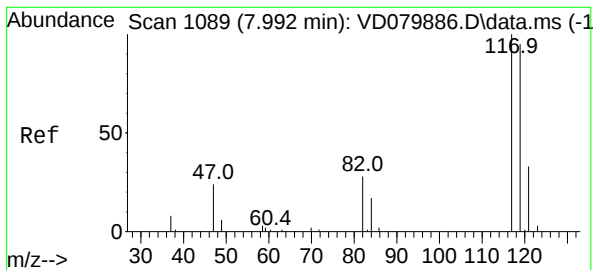
Tgt Ion: 56 Resp: 63613
Ion Ratio Lower Upper
56 100
69 28.5 22.8 34.2
84 92.4 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 25.763 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 97 Resp: 87043
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 42.8 35.4 53.2

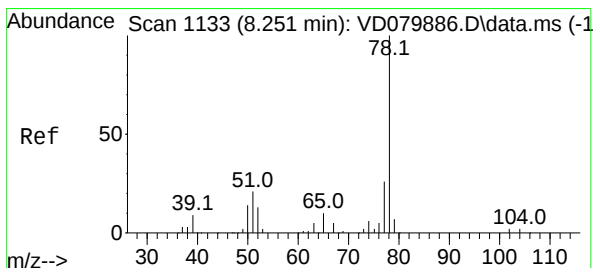
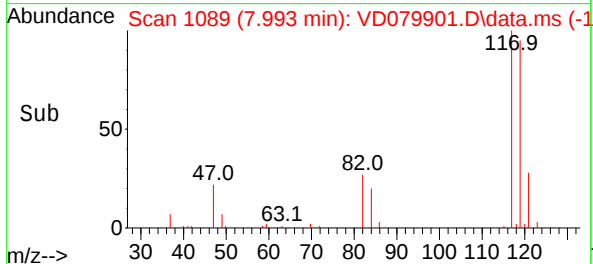
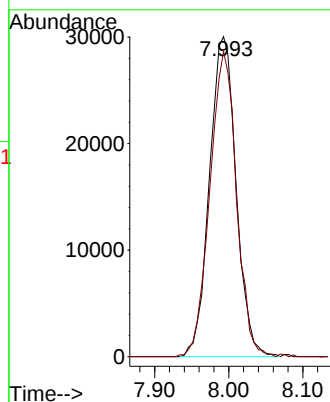
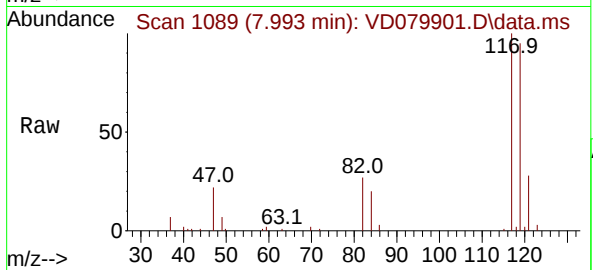




#31
Carbon tetrachloride
Concen: 25.070 ug/L
RT: 7.993 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

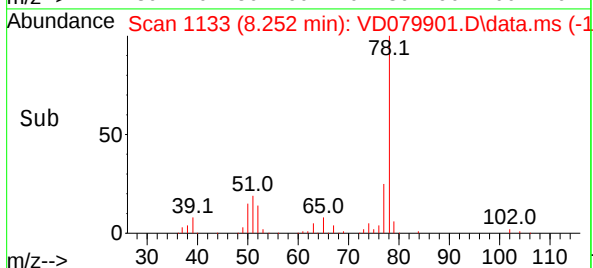
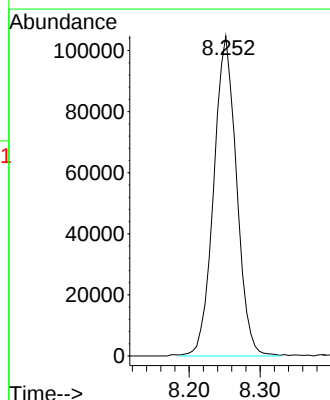
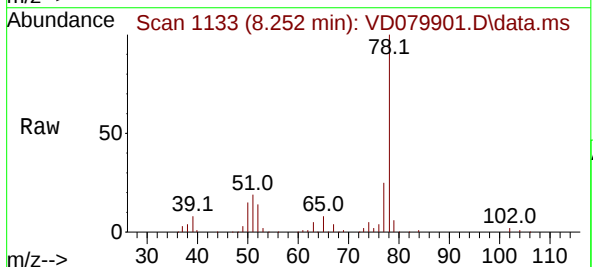
Instrument :
MSVOA_D
ClientSampleId :

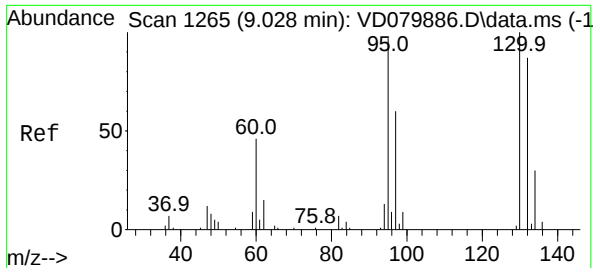
Tgt Ion:117 Resp: 75046
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0



#33
Benzene
Concen: 25.297 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 78 Resp: 233477





#34

Trichloroethene

Concen: 24.505 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 52259

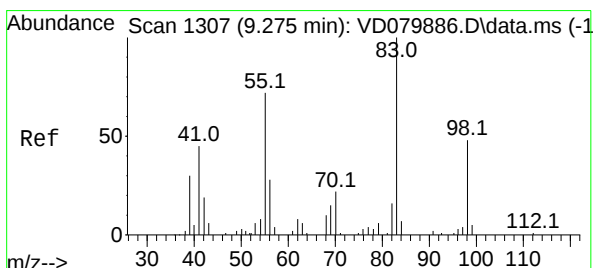
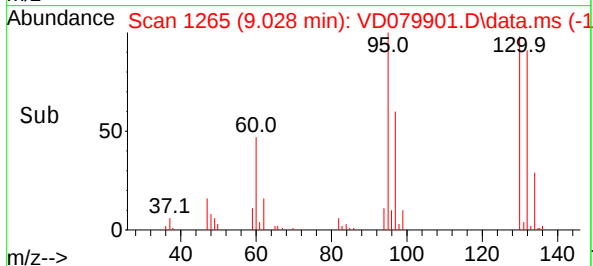
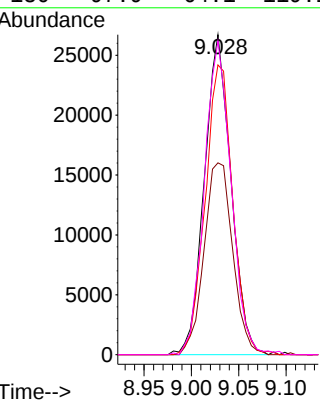
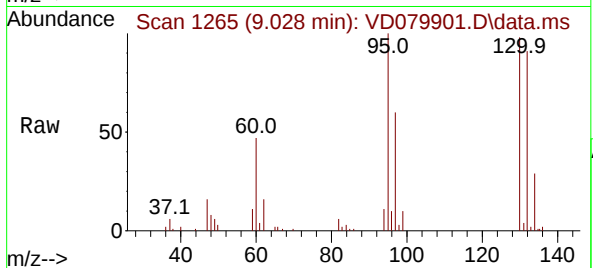
Ion Ratio Lower Upper

95 100

97 60.0 43.5 80.7

132 90.6 64.5 119.7

130 97.9 64.1 119.1



#35

Methylcyclohexane

Concen: 22.301 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

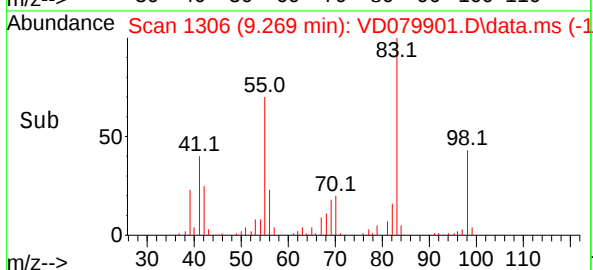
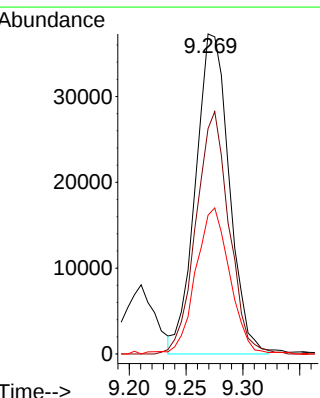
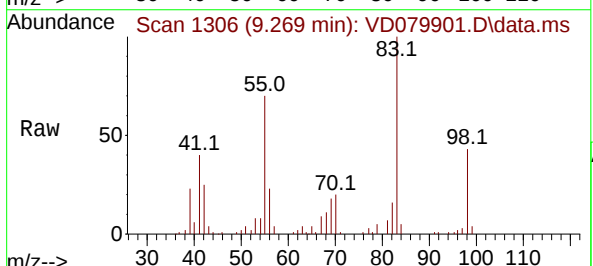
Tgt Ion: 83 Resp: 76749

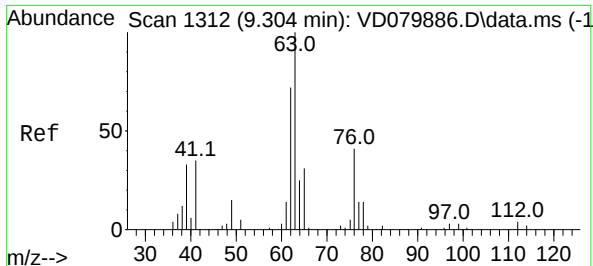
Ion Ratio Lower Upper

83 100

55 74.3 58.9 88.3

98 45.7 38.6 58.0

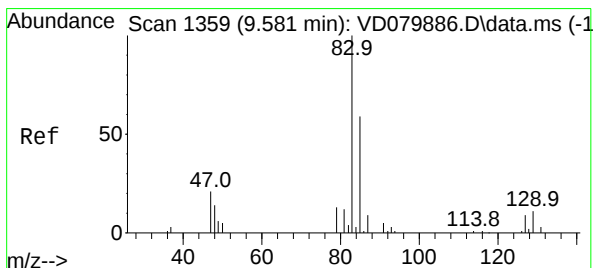
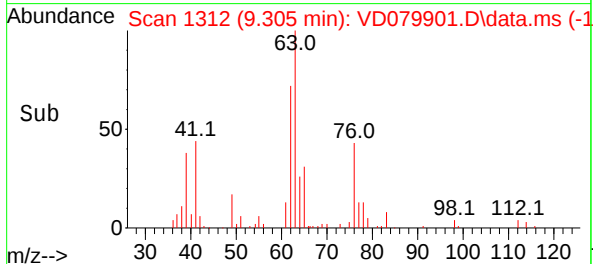
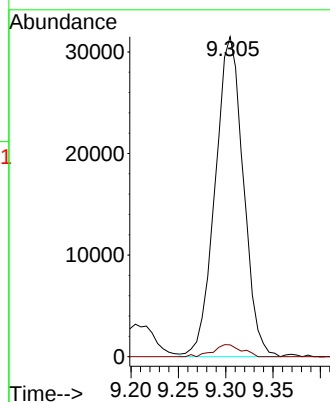
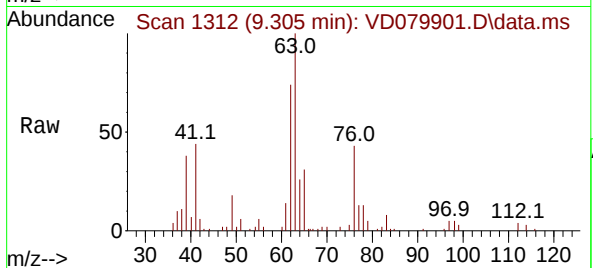




#37
1,2-Dichloropropane
Concen: 25.872 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

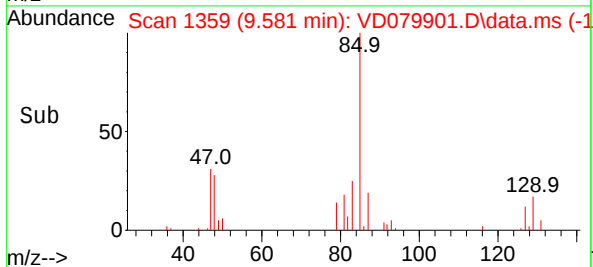
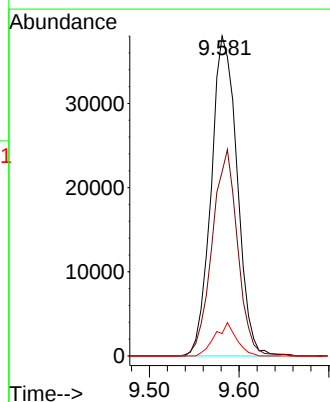
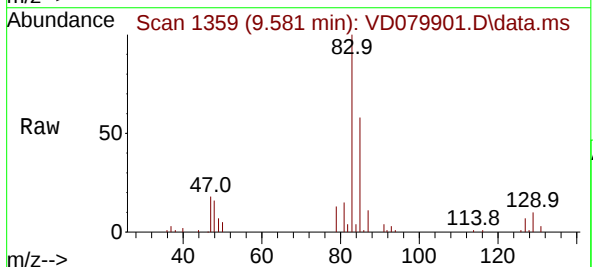
Instrument :
MSVOA_D
ClientSampleId :

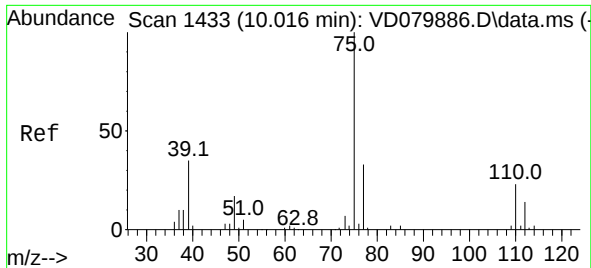
Tgt Ion: 63 Resp: 65119
Ion Ratio Lower Upper
63 100
112 3.7 0.0 0.0#



#38
Bromodichloromethane
Concen: 26.062 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 83 Resp: 76436
Ion Ratio Lower Upper
83 100
85 57.5 45.9 85.3
127 7.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.876 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

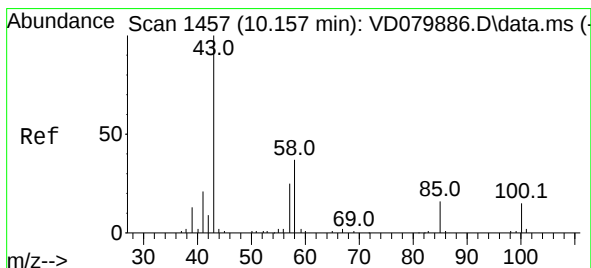
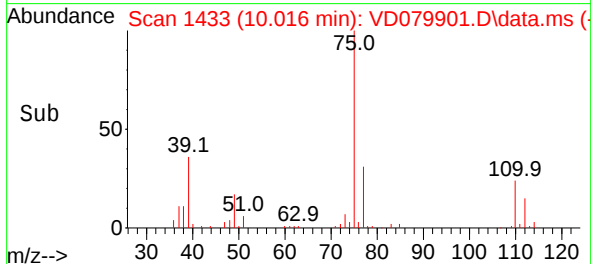
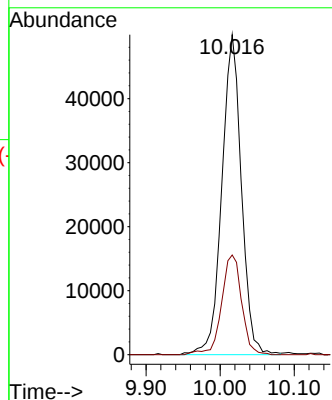
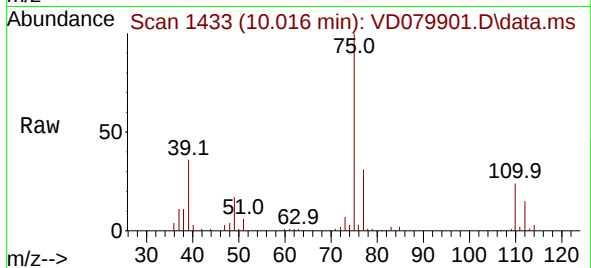
ClientSampleId :

Tgt Ion: 75 Resp: 91459

Ion Ratio Lower Upper

75 100

77 31.2 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 48.318 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

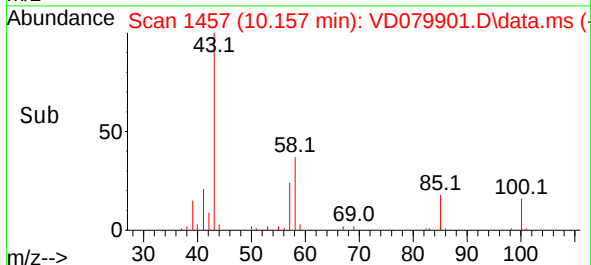
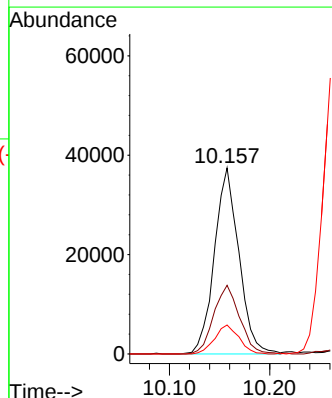
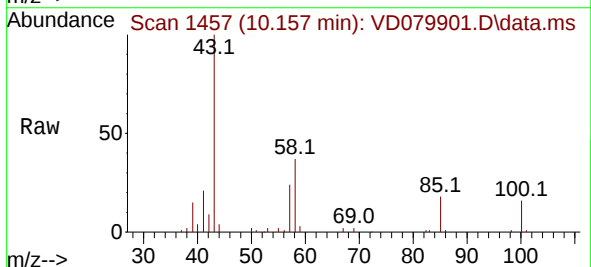
Tgt Ion: 43 Resp: 63663

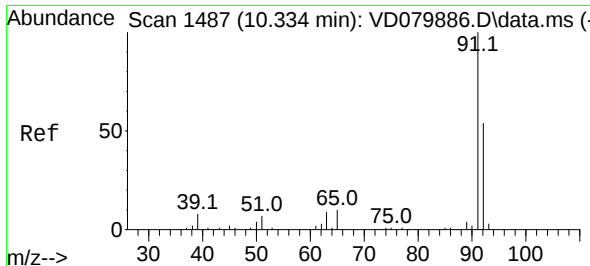
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 15.4 11.8 17.6





#42

Toluene

Concen: 26.669 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

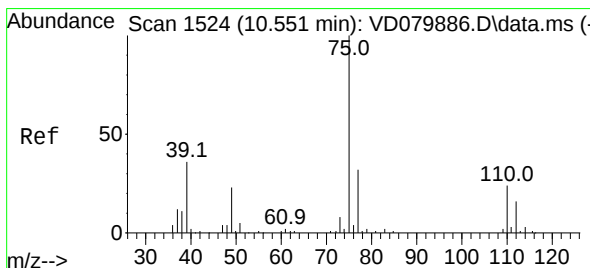
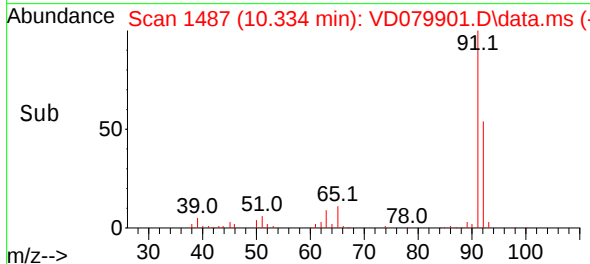
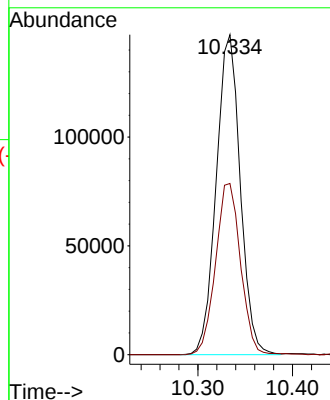
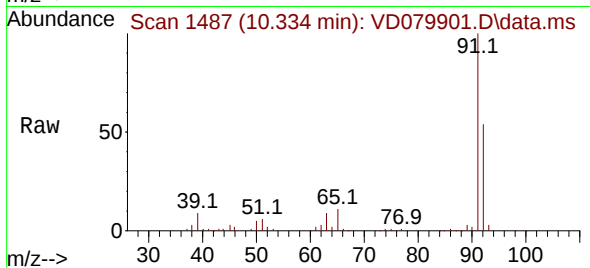
ClientSampleId :

Tgt Ion: 91 Resp: 259275

Ion Ratio Lower Upper

91 100

92 53.5 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.680 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079901.D

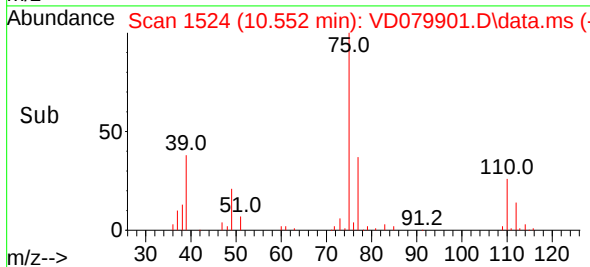
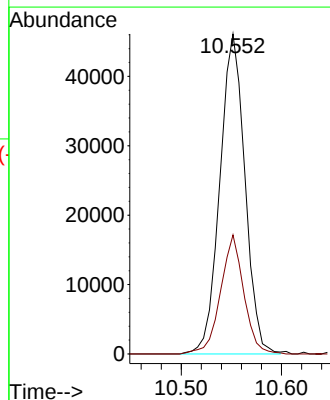
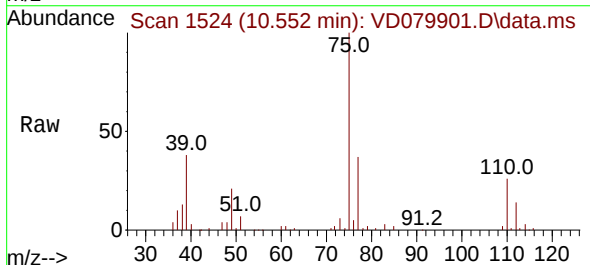
Acq: 25 Sep 2024 19:44

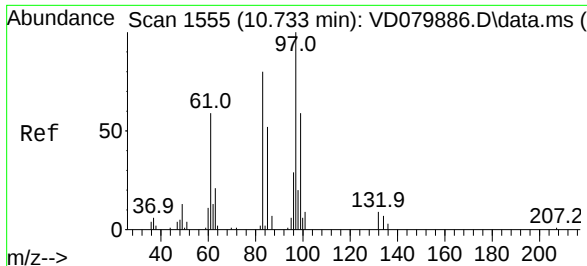
Tgt Ion: 75 Resp: 79992

Ion Ratio Lower Upper

75 100

77 37.2 21.8 40.4

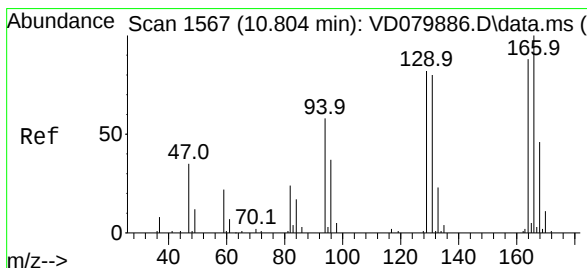
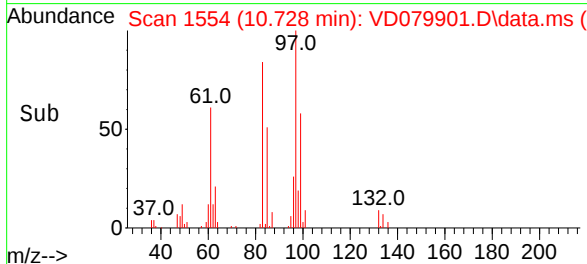
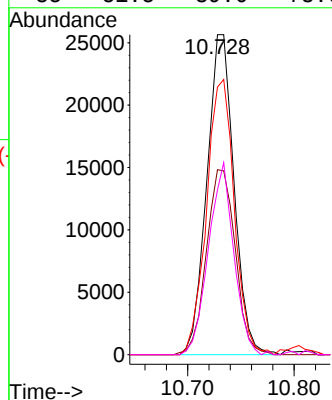
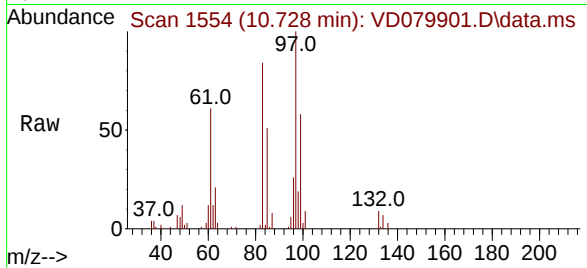




#45
1,1,2-Trichloroethane
Concen: 26.482 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

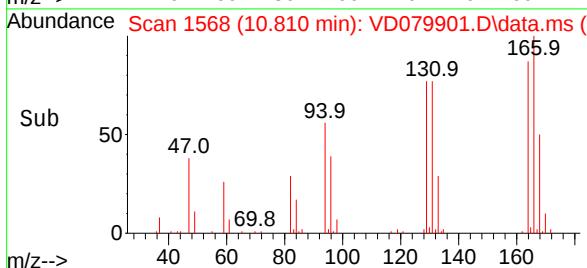
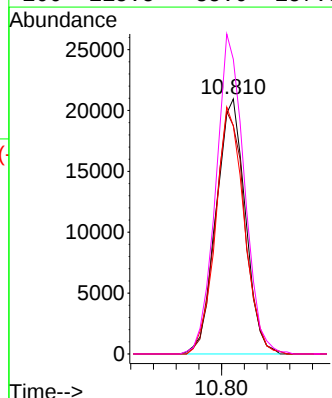
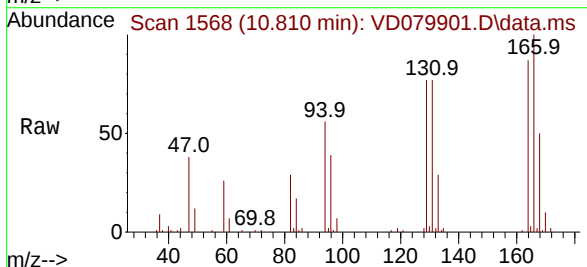
Instrument :
MSVOA_D
ClientSampleId :

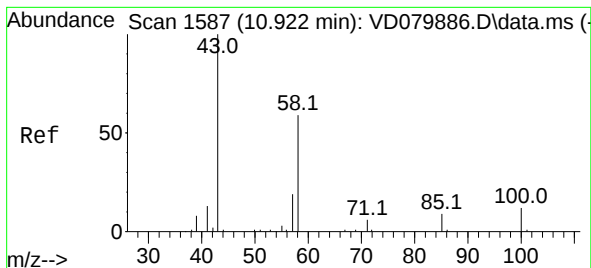
Tgt Ion: 97	Resp: 45540
Ion Ratio	Lower Upper
97	100
99	57.8 45.1 83.7
83	83.6 65.2 121.0
85	51.5 39.6 73.6



#46
Tetrachloroethene
Concen: 25.779 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 164	Resp: 37323
Ion Ratio	Lower Upper
164	100
129	89.5 68.7 127.5
131	89.4 62.5 116.1
166	115.5 85.0 157.8





#48

2-Hexanone

Concen: 48.783 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.005 min

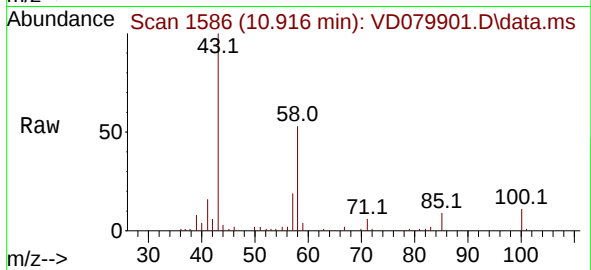
Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 52282

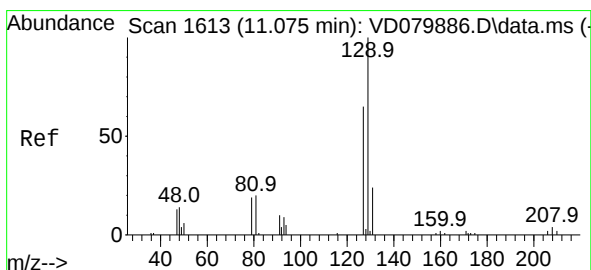
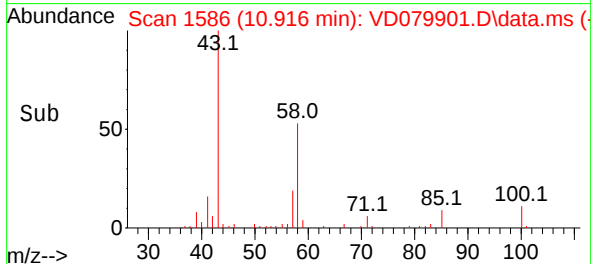
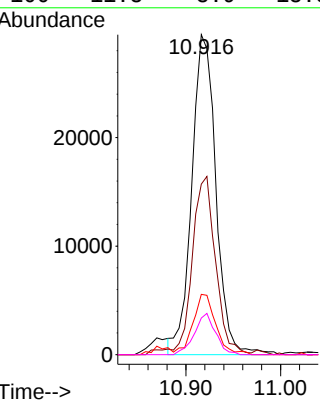
Ion Ratio Lower Upper

43 100

58 53.0 44.7 67.1

57 17.4 13.6 20.4

100 11.3 8.9 13.3



#49

Dibromochloromethane

Concen: 25.814 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.005 min

Lab File: VD079901.D

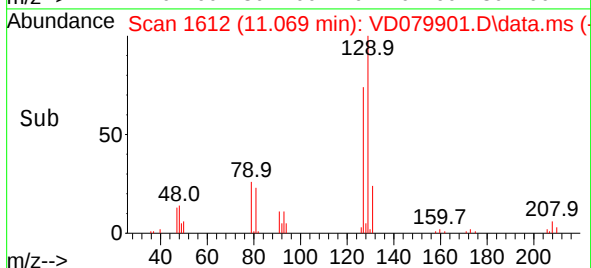
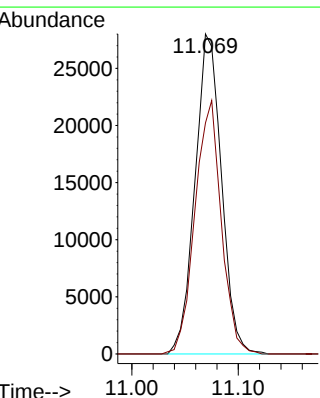
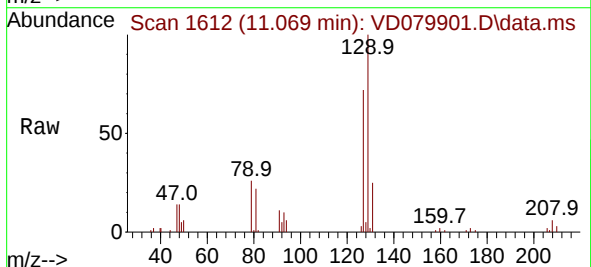
Acq: 25 Sep 2024 19:44

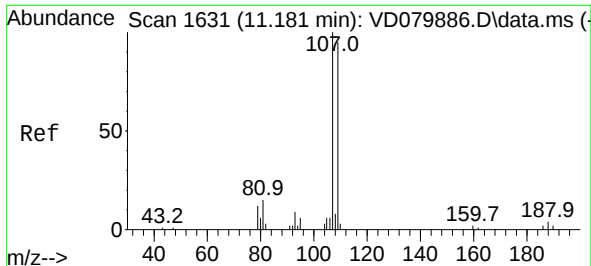
Tgt Ion:129 Resp: 48453

Ion Ratio Lower Upper

129 100

127 72.2 55.2 102.6





#50

1,2-Dibromoethane

Concen: 25.230 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

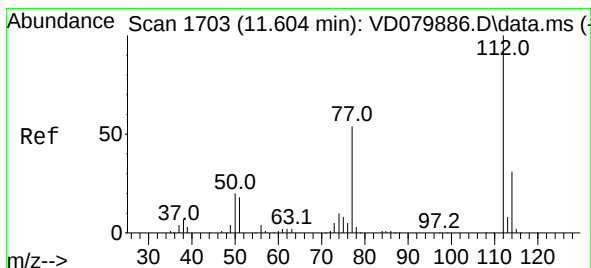
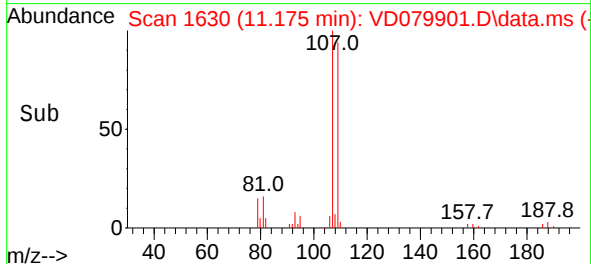
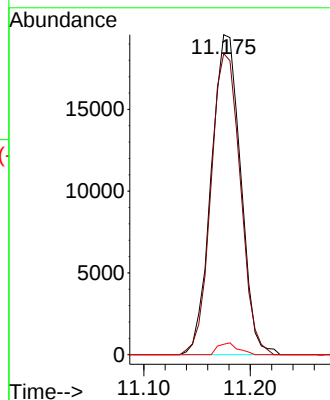
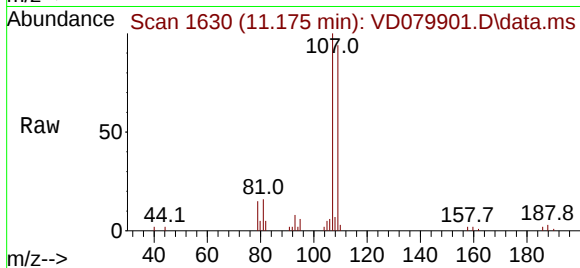
Tgt Ion:107 Resp: 37473

Ion Ratio Lower Upper

107 100

109 94.1 61.5 114.1

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 26.243 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

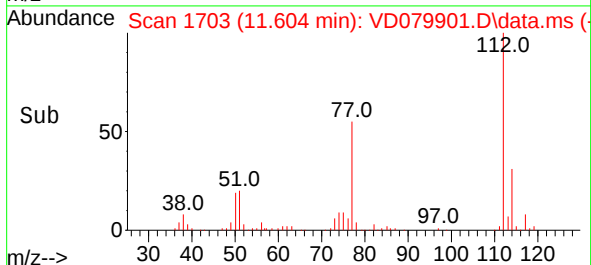
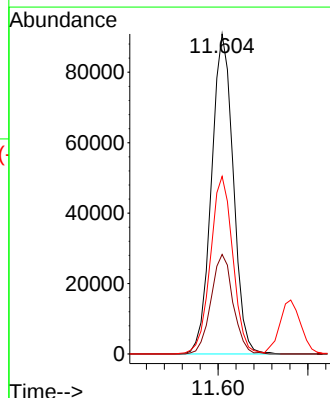
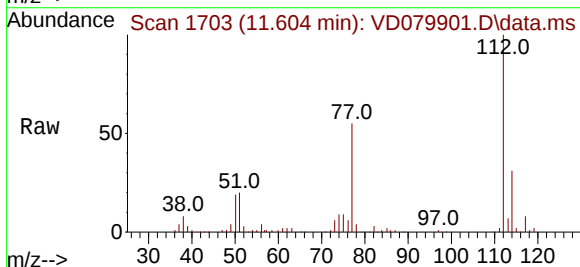
Tgt Ion:112 Resp: 153111

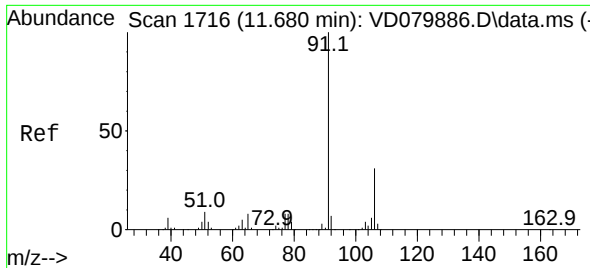
Ion Ratio Lower Upper

112 100

114 31.1 22.0 41.0

77 55.5 46.7 70.1





#52

Ethylbenzene

Concen: 27.257 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

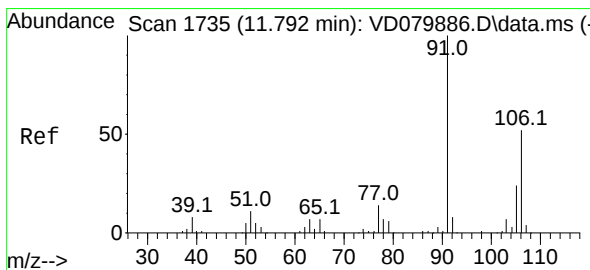
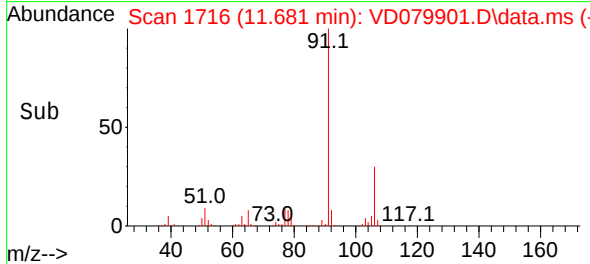
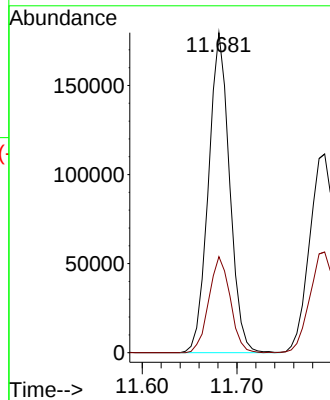
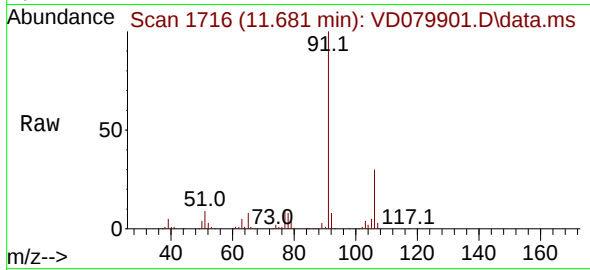
ClientSampleId :

Tgt Ion: 91 Resp: 278368

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.5



#53

m,p-Xylene

Concen: 27.398 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079901.D

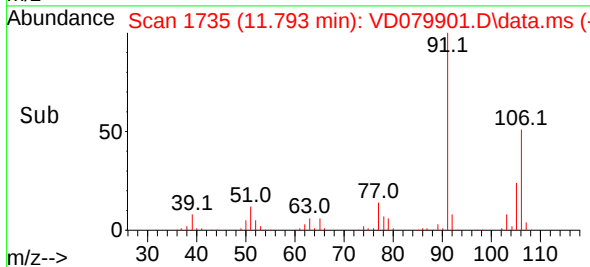
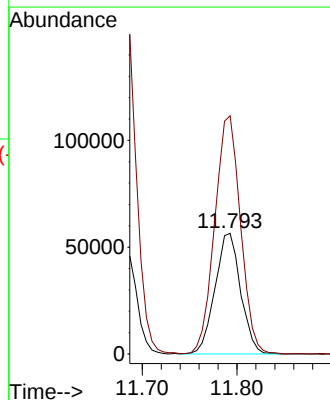
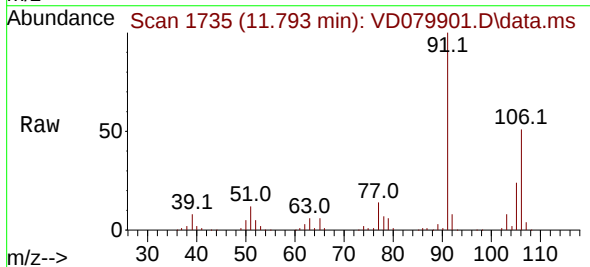
Acq: 25 Sep 2024 19:44

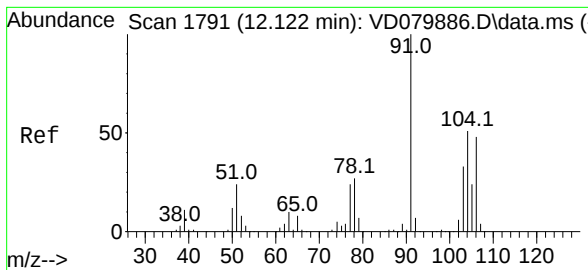
Tgt Ion:106 Resp: 105981

Ion Ratio Lower Upper

106 100

91 197.5 138.3 256.9

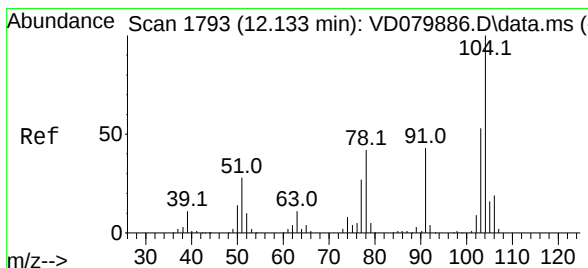
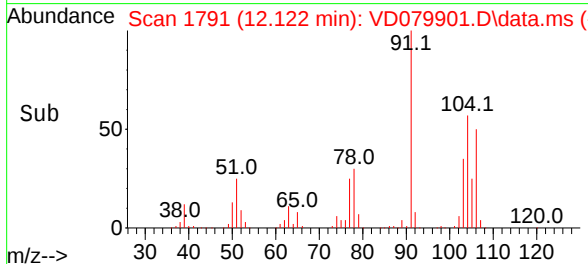
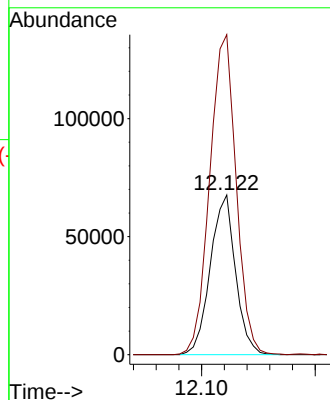
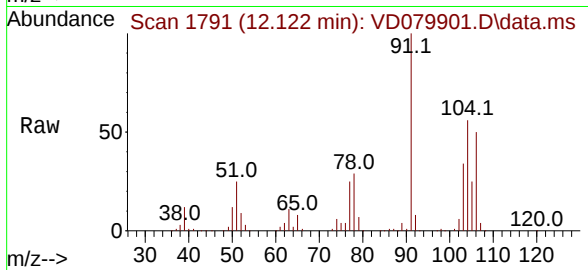




#54
o-Xylene
Concen: 27.459 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

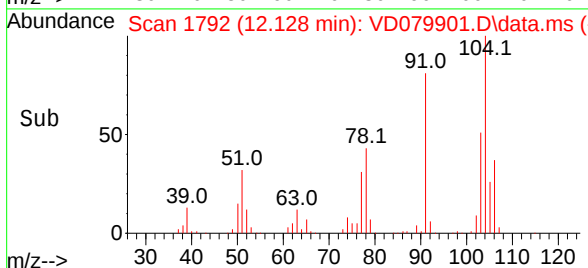
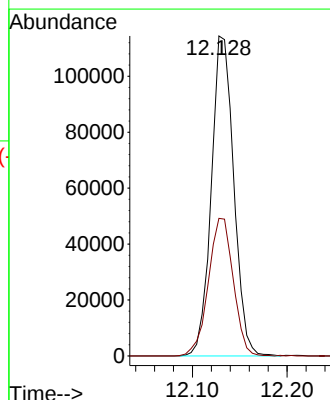
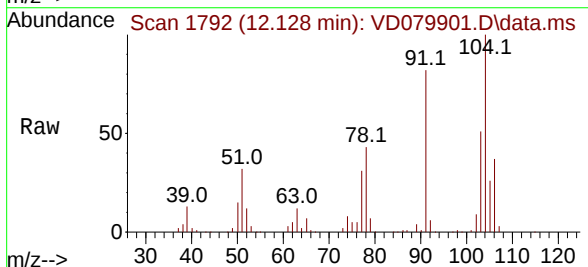
Instrument :
MSVOA_D
ClientSampleId :

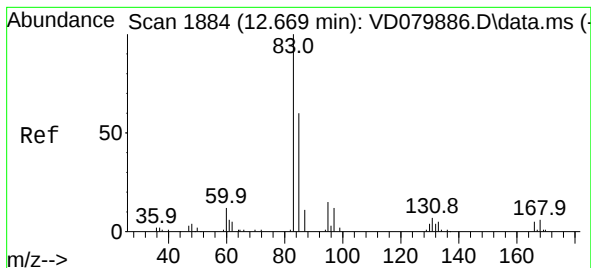
Tgt Ion:106 Resp: 104147
Ion Ratio Lower Upper
106 100
91 200.4 152.6 283.4



#55
Styrene
Concen: 28.230 ug/L
RT: 12.128 min Scan# 1792
Delta R.T. -0.005 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion:104 Resp: 188180
Ion Ratio Lower Upper
104 100
78 43.0 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.148 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

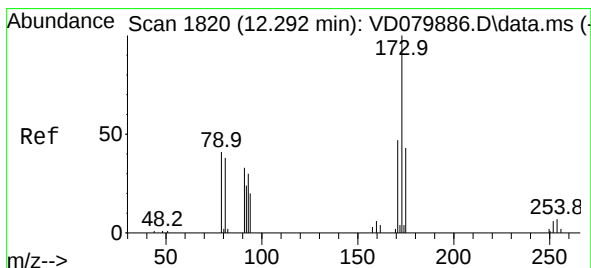
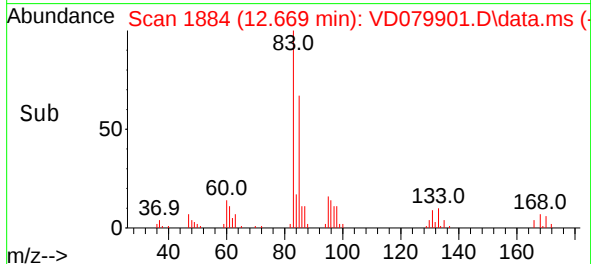
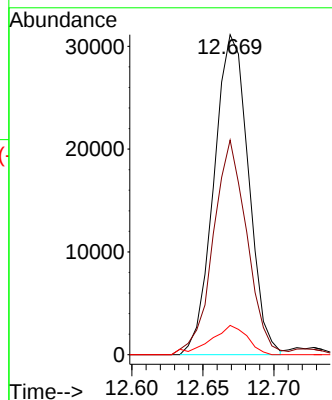
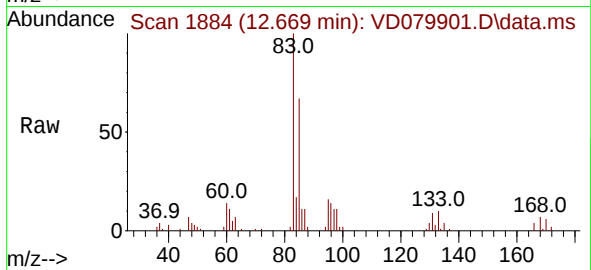
Tgt Ion: 83 Resp: 52706

Ion Ratio Lower Upper

83 100

85 67.0 46.8 87.0

131 9.1 6.5 9.7



#59

Bromoform

Concen: 25.429 ug/L

RT: 12.293 min Scan# 1820

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

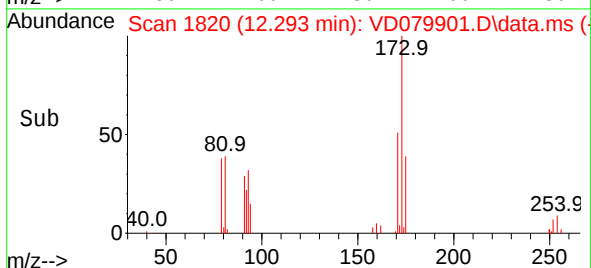
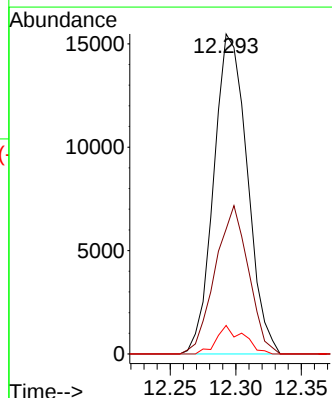
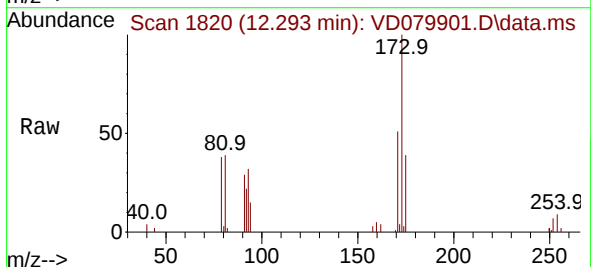
Tgt Ion:173 Resp: 27503

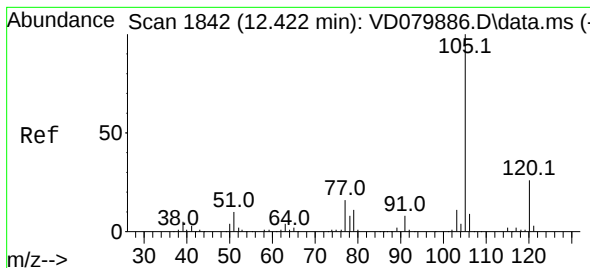
Ion Ratio Lower Upper

173 100

175 46.2 39.2 58.8

254 4.6 5.5 8.3#





#60

Isopropylbenzene

Concen: 25.795 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

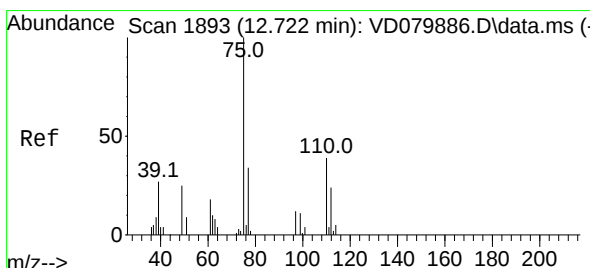
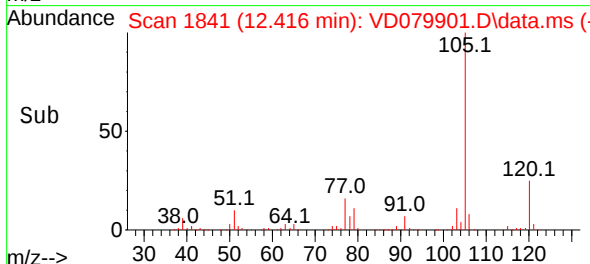
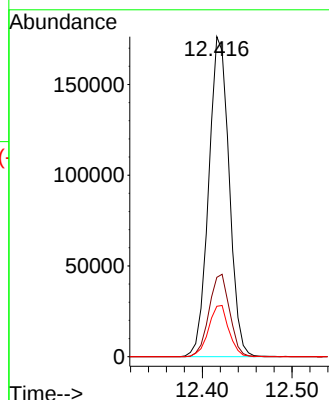
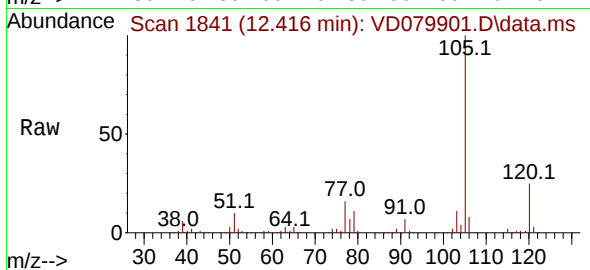
Tgt Ion:105 Resp: 279021

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.282 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

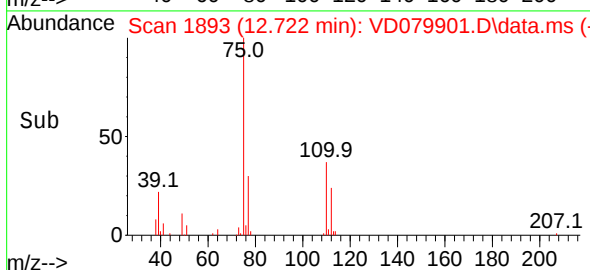
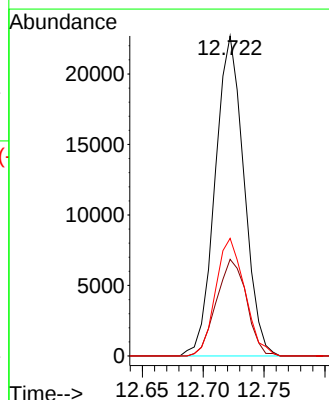
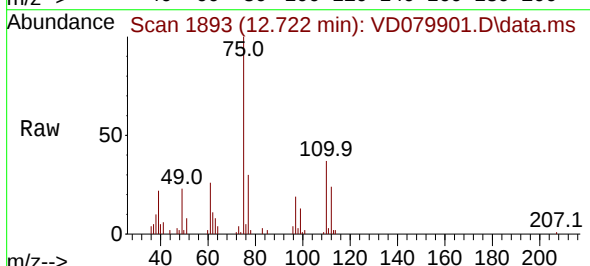
Tgt Ion: 75 Resp: 37395

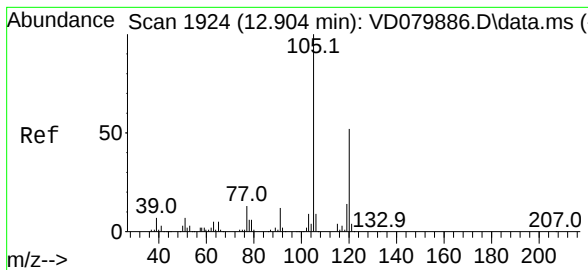
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

110 37.1 30.1 45.1

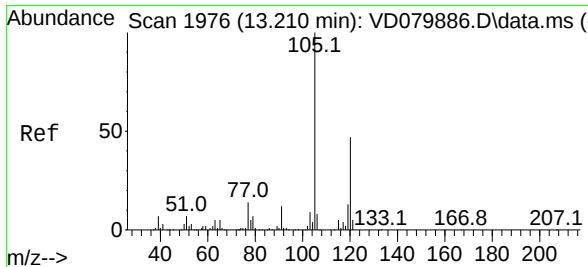
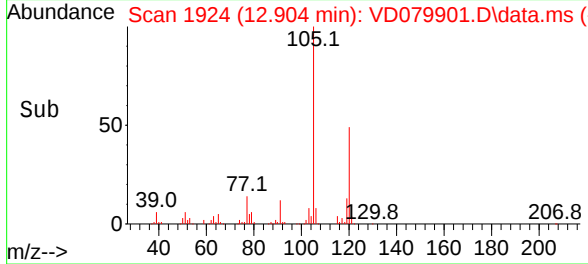
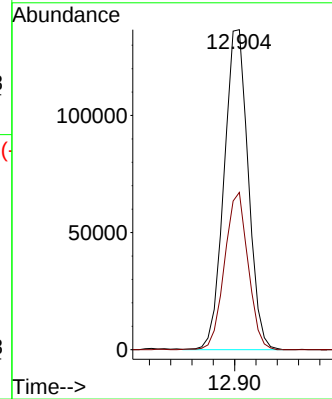
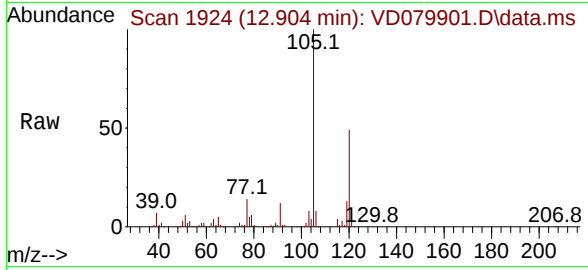




#62
1,3,5-Trimethylbenzene
Concen: 27.208 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

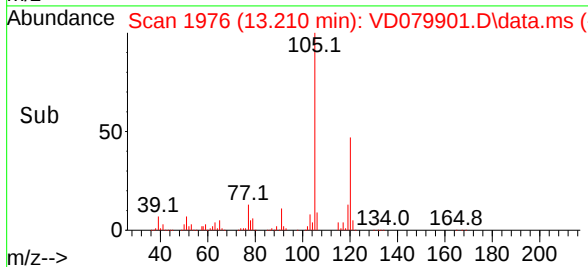
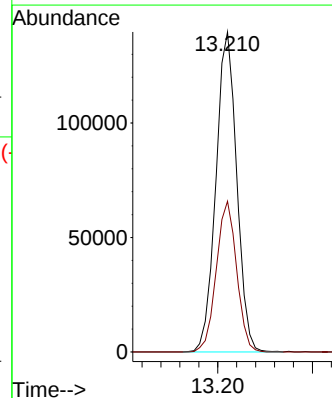
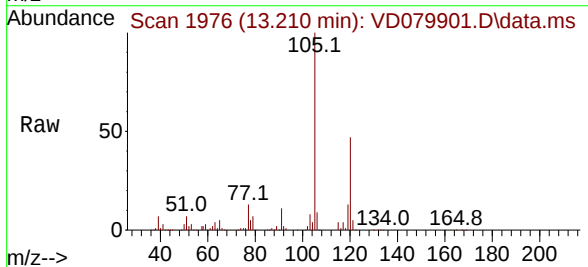
Instrument :
MSVOA_D
ClientSampleId :

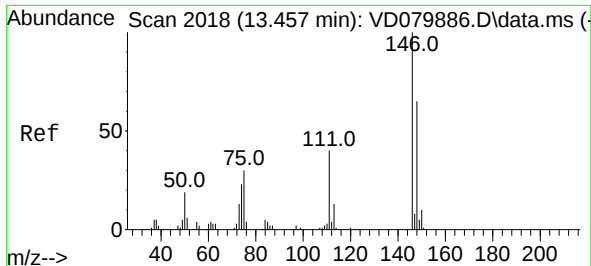
Tgt Ion:105 Resp: 215238
Ion Ratio Lower Upper
105 100
120 47.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 25.764 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion:105 Resp: 213740
Ion Ratio Lower Upper
105 100
120 46.0 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 25.604 ug/L

RT: 13.451 min Scan# 2018

Delta R.T. -0.005 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

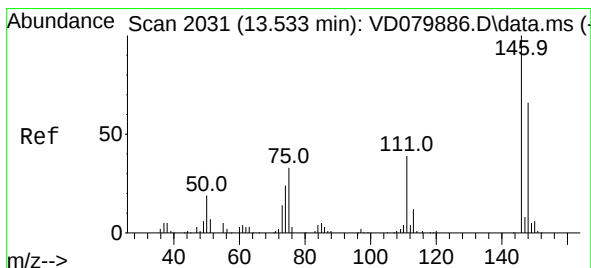
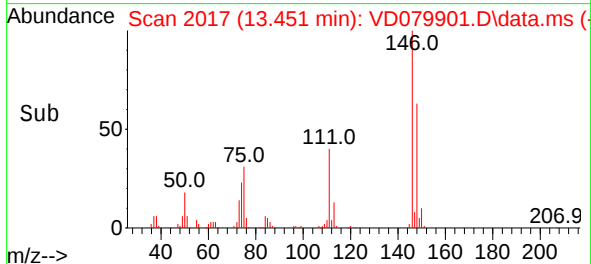
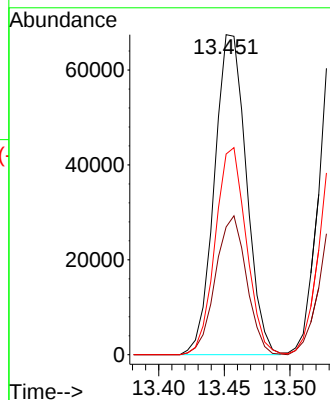
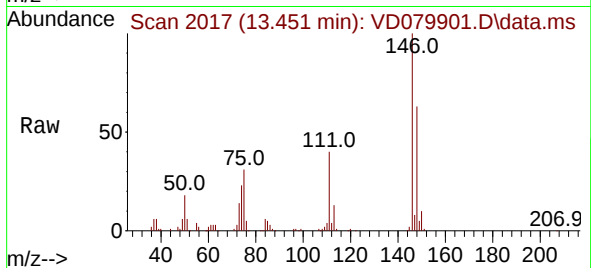
Tgt Ion:146 Resp: 114457

Ion Ratio Lower Upper

146 100

111 39.9 27.4 50.8

148 62.7 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 25.249 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

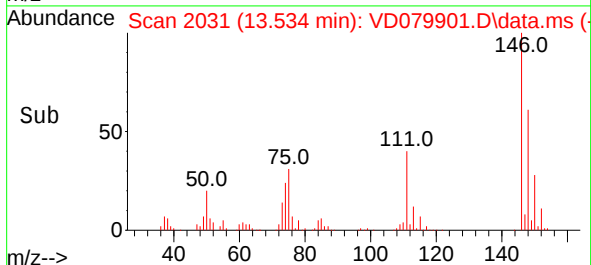
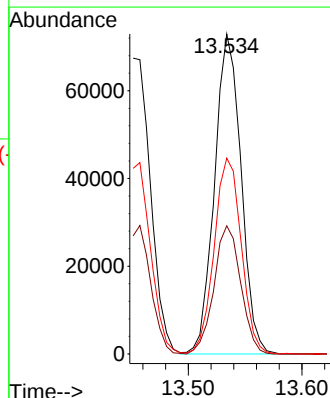
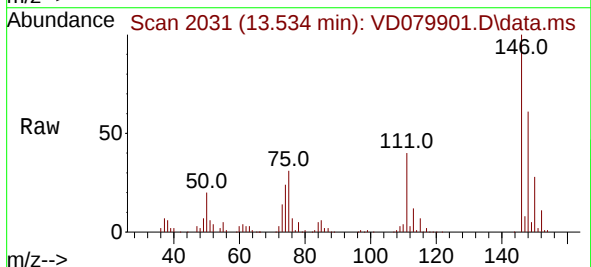
Tgt Ion:146 Resp: 118386

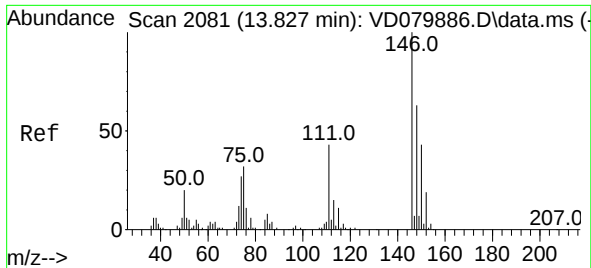
Ion Ratio Lower Upper

146 100

111 40.0 27.6 51.4

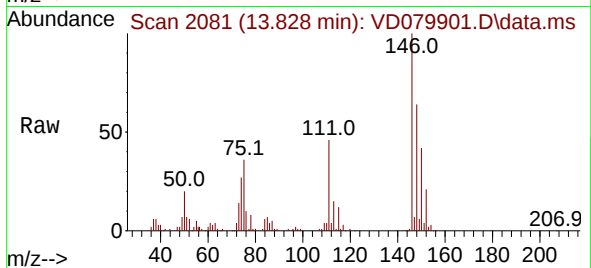
148 61.2 46.1 85.7



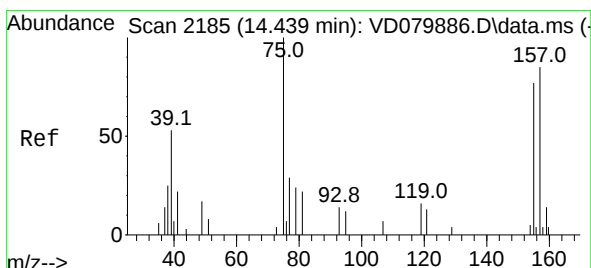
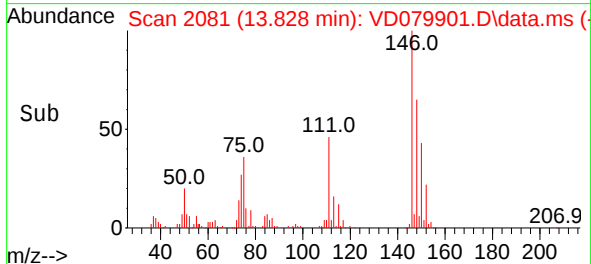
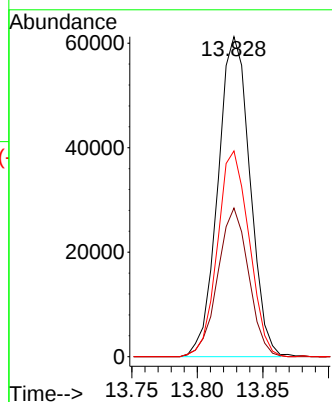


#67
1,2-Dichlorobenzene
Concen: 25.725 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Instrument :
MSVOA_D
ClientSampleId :

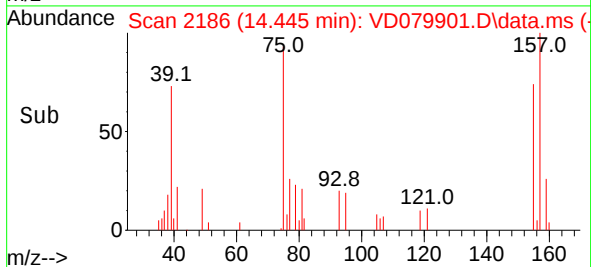
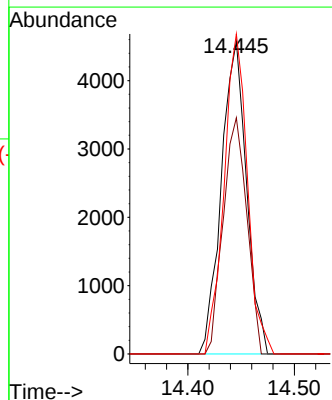
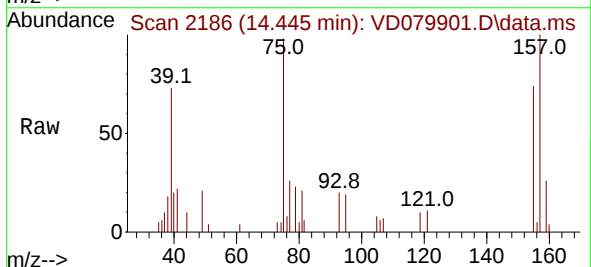


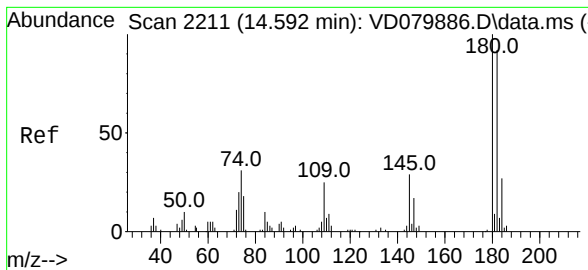
Tgt Ion:146 Resp: 103938
Ion Ratio Lower Upper
146 100
111 46.4 36.9 55.3
148 64.3 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.833 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion: 75 Resp: 7510
Ion Ratio Lower Upper
75 100
155 75.5 57.2 85.8
157 102.3 59.7 89.5#





#69

1,3,5-Trichlorobenzene

Concen: 25.233 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.000 min

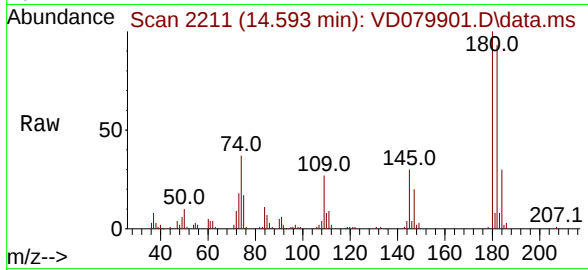
Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 68394

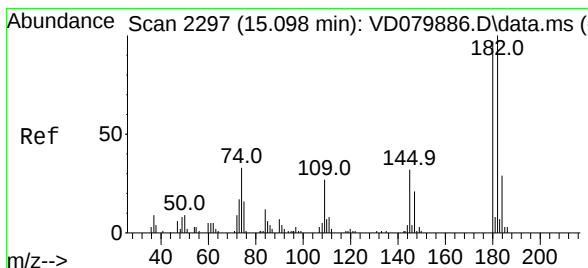
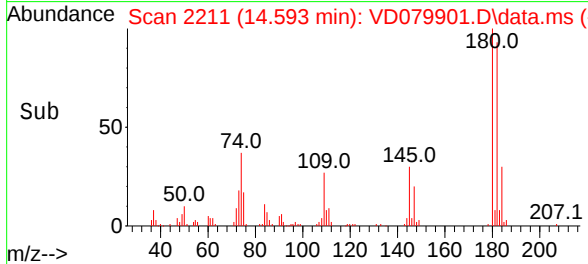
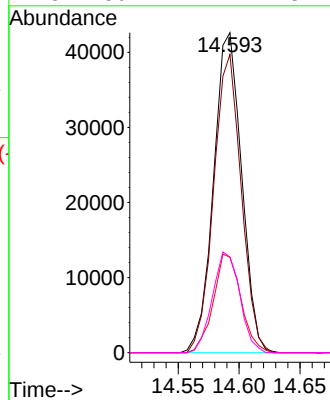
Ion Ratio Lower Upper

180 100

182 91.3 72.6 109.0

184 30.3 24.2 36.2

145 30.7 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.257 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079901.D

Acq: 25 Sep 2024 19:44

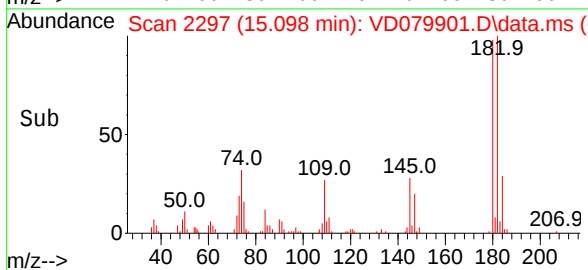
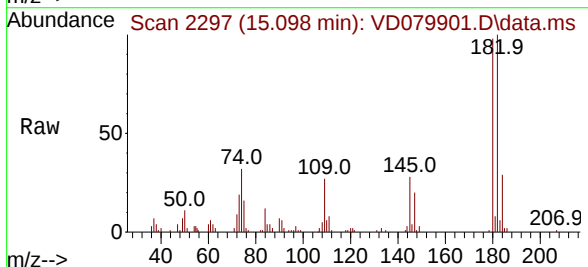
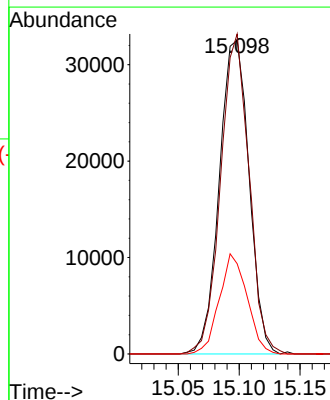
Tgt Ion:180 Resp: 55358

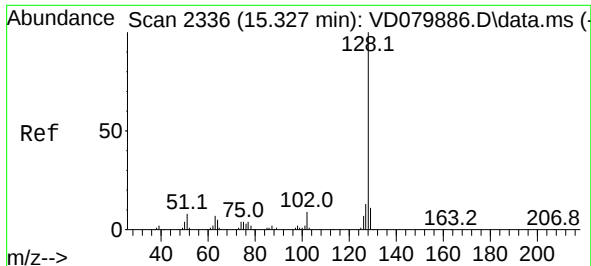
Ion Ratio Lower Upper

180 100

182 97.2 75.9 113.9

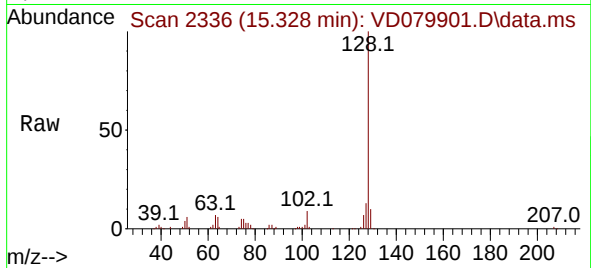
145 29.8 26.6 40.0



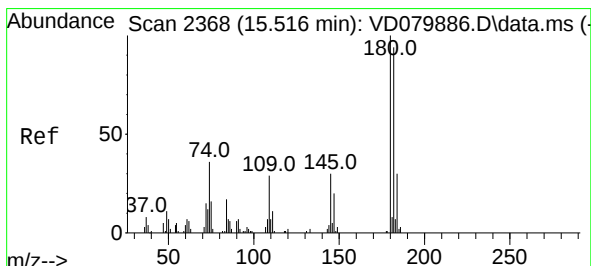
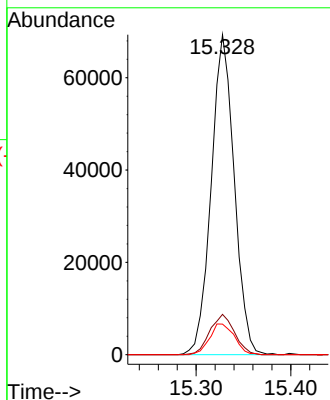
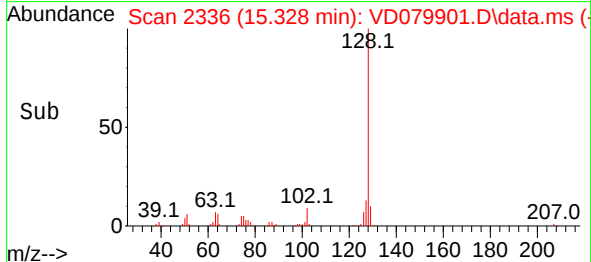


#71
Naphthalene
Concen: 23.032 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 117396
Ion Ratio Lower Upper
128 100
127 13.5 11.2 16.8
129 10.3 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.859 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079901.D
Acq: 25 Sep 2024 19:44

Tgt Ion:180 Resp: 50745
Ion Ratio Lower Upper
180 100
182 95.6 74.1 111.1
145 33.7 26.4 39.6

