

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077706.D
 Acq On : 30 Nov 2023 09:54
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 22:55:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 00:14:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	324686	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	298370	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	153383	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	209506	23.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
7) Chloroethane-d5	2.811	69	165962	23.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.080%
11) 1,1-Dichloroethene-d2	3.928	65	54961	23.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.760%
21) 2-Butanone-d5	6.993	46	53271	47.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.200%
24) Chloroform-d	7.575	84	221599	25.323	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	8.234	65	110858	25.003	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.204	84	456946	25.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.720%
36) 1,2-Dichloropropane-d6	9.210	67	139049	25.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	10.269	98	427956	25.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	10.528	79	61185	25.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.960%
47) 2-Hexanone-d5	10.881	63	45827	48.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	98511	24.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	133371	24.306	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	126576	24.420	ug/L	99
3) Chloromethane	2.152	50	172019	23.100	ug/L	98
5) Vinyl chloride	2.293	62	212495	22.909	ug/L	99
6) Bromomethane	2.705	94	125725	25.587	ug/L	97
8) Chloroethane	2.846	64	134665	23.259	ug/L	95
9) Trichlorofluoromethane	3.187	101	183669	23.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	109650	23.495	ug/L	98
12) 1,1-Dichloroethene	3.952	96	103859	23.515	ug/L #	83
13) Acetone	4.022	43	74069	51.660	ug/L	97
14) Carbon disulfide	4.281	76	378424	24.178	ug/L	98
15) Methyl Acetate	4.575	43	46353	22.584	ug/L	98
16) Methylene chloride	4.810	84	114679	19.892	ug/L	93
17) trans-1,2-Dichloroethene	5.322	96	111178	24.143	ug/L	99
18) Methyl tert-butyl Ether	5.328	73	237517	23.398	ug/L	99
19) 1,1-Dichloroethane	6.122	63	204008	23.506	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	118537	23.165	ug/L	94
22) 2-Butanone	7.087	43	71445	44.273	ug/L #	66
23) Bromochloromethane	7.428	128	50939	23.911	ug/L	95
25) Chloroform	7.599	83	200767	23.497	ug/L	90

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 Response via : Initial Calibration

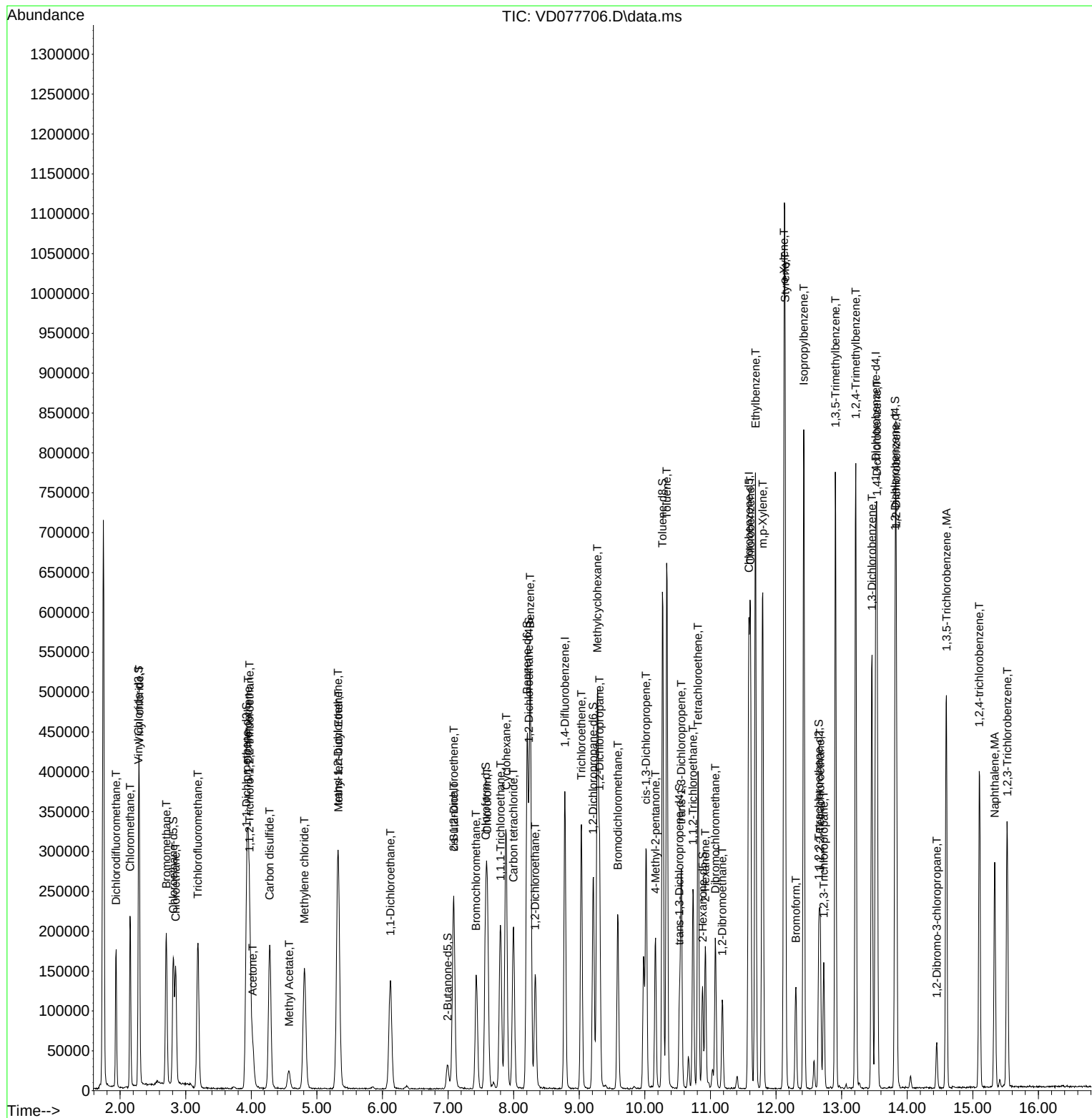
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	128294	24.005	ug/L	96
29) Cyclohexane	7.887	56	189634	24.086	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	174092	23.845	ug/L	100
31) Carbon tetrachloride	7.998	117	156296	24.343	ug/L	100
33) Benzene	8.251	78	455868	23.474	ug/L	100
34) Trichloroethene	9.034	95	117207	24.313	ug/L	96
35) Methylcyclohexane	9.275	83	207949	24.298	ug/L	98
37) 1,2-Dichloropropane	9.310	63	122725	24.238	ug/L	99
38) Bromodichloromethane	9.587	83	144512	23.470	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	189257	23.935	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	129045	46.185	ug/L	100
42) Toluene	10.334	91	499626	24.222	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	155373	23.525	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	81911	24.087	ug/L	96
46) Tetrachloroethene	10.810	164	90488	23.278	ug/L	91
48) 2-Hexanone	10.922	43	112229	47.256	ug/L	95
49) Dibromochloromethane	11.075	129	96545	23.877	ug/L	99
50) 1,2-Dibromoethane	11.181	107	74219	22.631	ug/L #	96
51) Chlorobenzene	11.610	112	303223	23.707	ug/L	98
52) Ethylbenzene	11.687	91	549250	24.020	ug/L	98
53) m,p-Xylene	11.798	106	207134	23.973	ug/L	98
54) o-Xylene	12.122	106	199416	24.116	ug/L	100
55) Styrene	12.139	104	354271	24.485	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	94062	23.344	ug/L	100
59) Bromoform	12.304	173	57438	22.632	ug/L #	97
60) Isopropylbenzene	12.422	105	537073	23.460	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	63722	22.586	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	404504	23.525	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	416956	23.916	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	230424	23.273	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	232526	22.633	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	204378	22.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	13429	20.186	ug/L	97
69) 1,3,5-Trichlorobenzene	14.598	180	154664	22.941	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	131062	22.899	ug/L	97
71) Naphthalene	15.333	128	239995	22.936	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	115192	22.958	ug/L	96

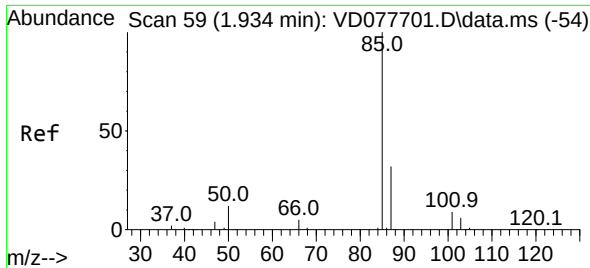
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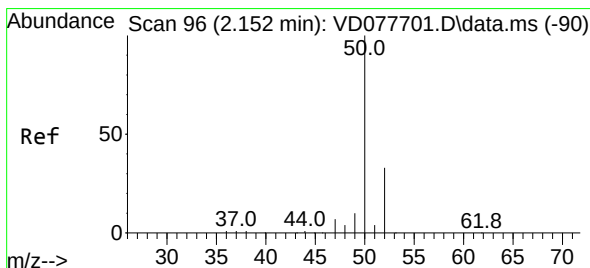
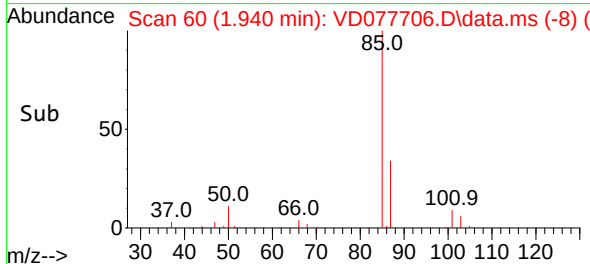
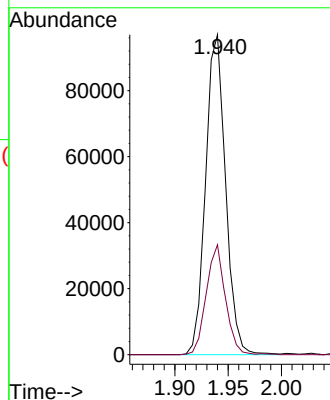
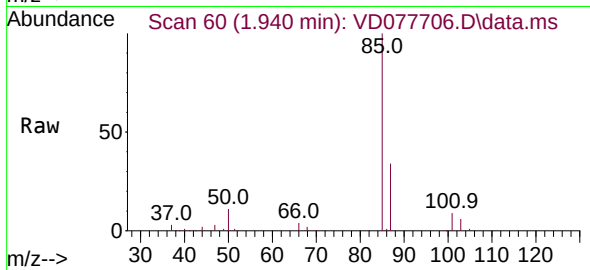




#2
Dichlorodifluoromethane
Concen: 24.420 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

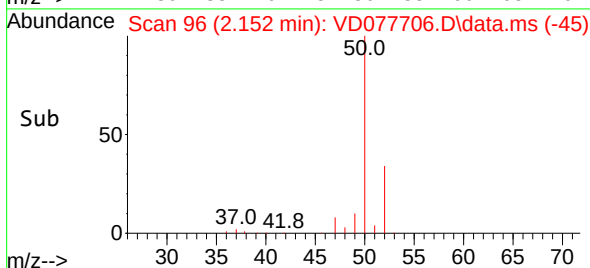
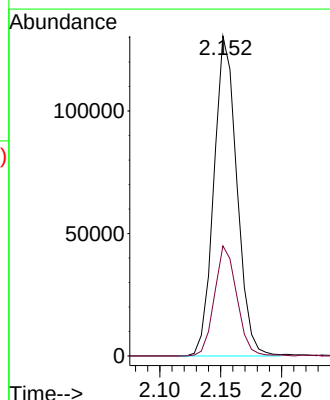
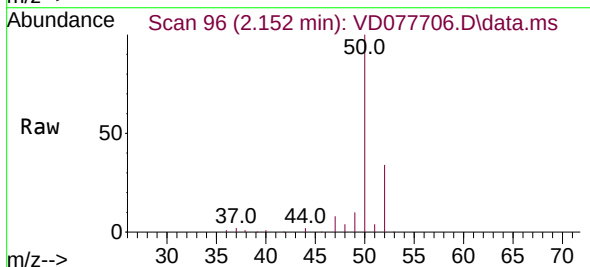
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ClientSampleId :

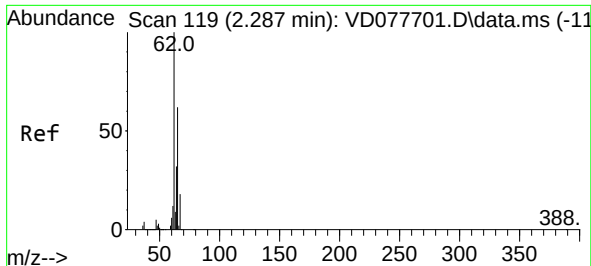
Tgt Ion: 85 Resp: 126576
Ion Ratio Lower Upper
85 100
87 32.7 25.6 38.4



#3
Chloromethane
Concen: 23.100 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion: 50 Resp: 172019
Ion Ratio Lower Upper
50 100
52 34.4 23.2 43.2

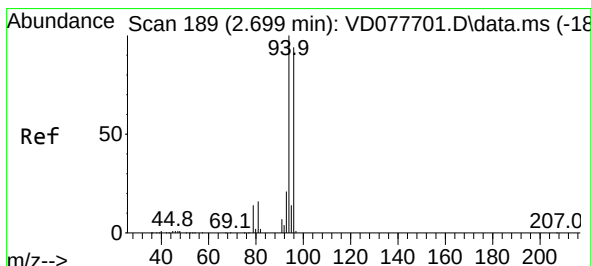
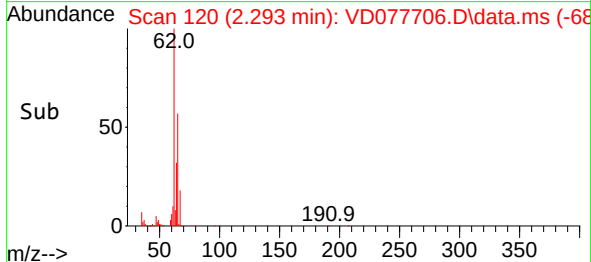
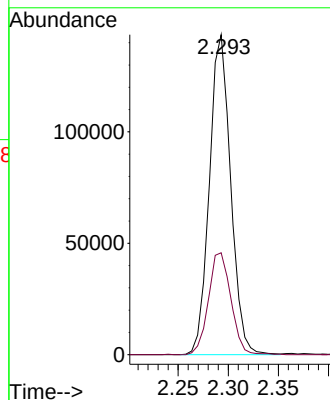
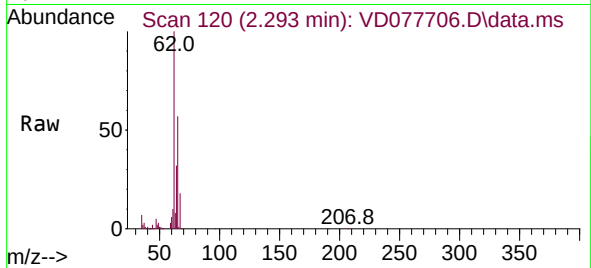




#5
 Vinyl chloride
 Concen: 22.909 ug/L
 RT: 2.293 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD077706.D
 Acq: 30 Nov 2023 09:54

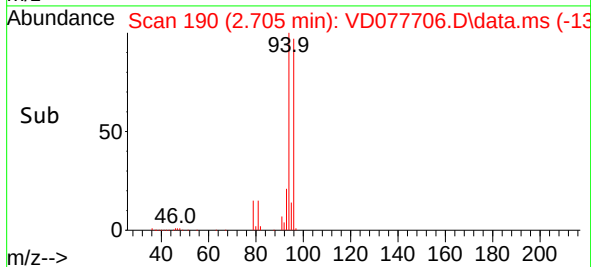
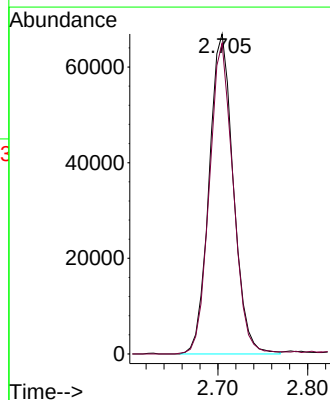
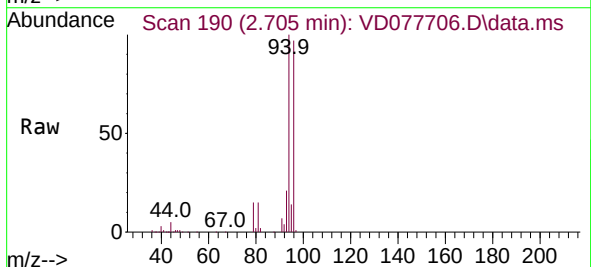
Instrument :
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 ClientSampleId :

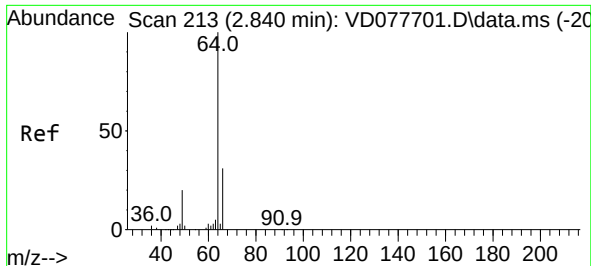
Tgt Ion: 62 Resp: 212495
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.6 42.0



#6
 Bromomethane
 Concen: 25.587 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077706.D
 Acq: 30 Nov 2023 09:54

Tgt Ion: 94 Resp: 125725
 Ion Ratio Lower Upper
 94 100
 96 97.1 66.0 122.6

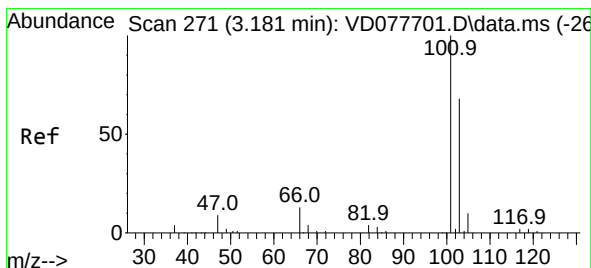
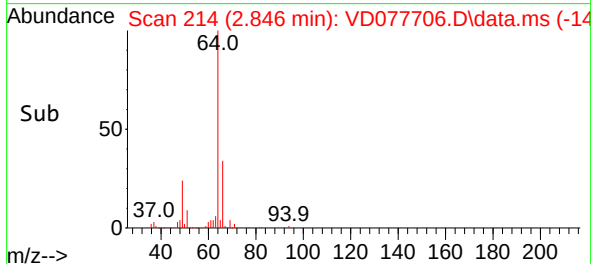
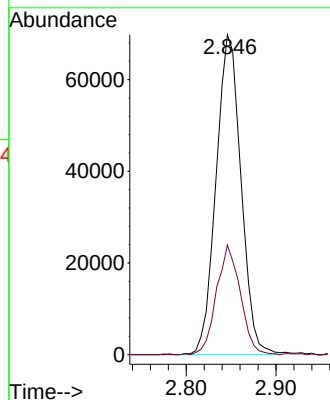
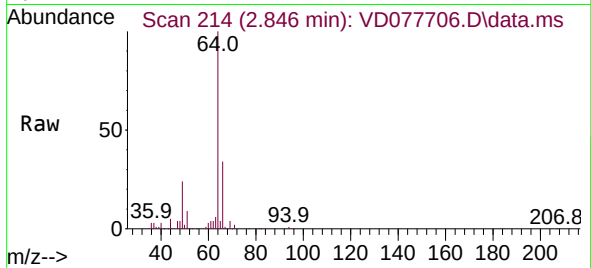




#8
Chloroethane
Concen: 23.259 ug/L
RT: 2.846 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

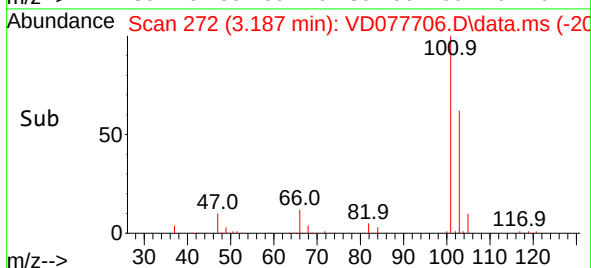
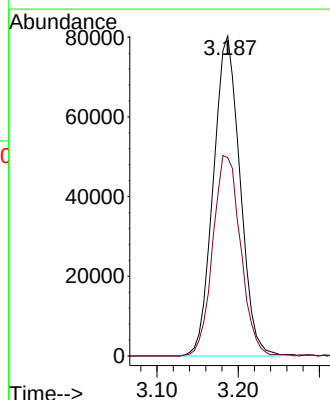
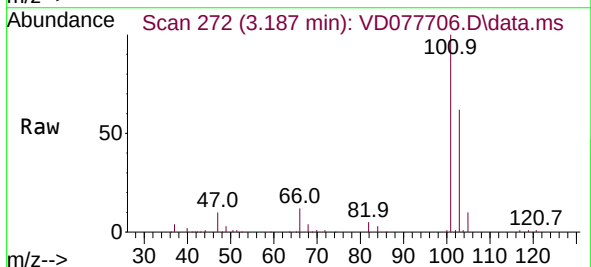
Instrument :
MSVOA_D
ClientSampleId :

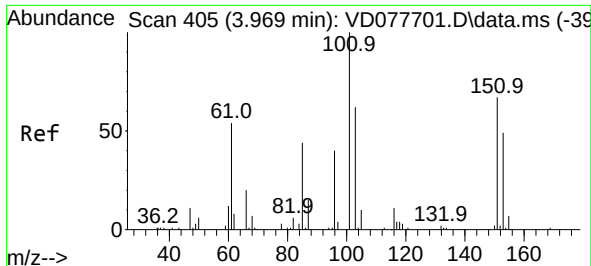
Tgt Ion: 64 Resp: 134665
Ion Ratio Lower Upper
64 100
66 34.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.217 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:101 Resp: 183669
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

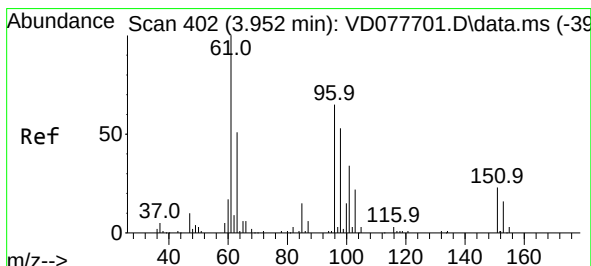
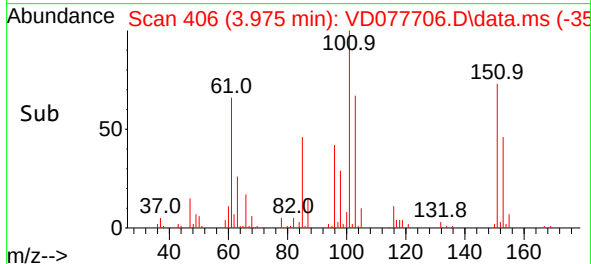
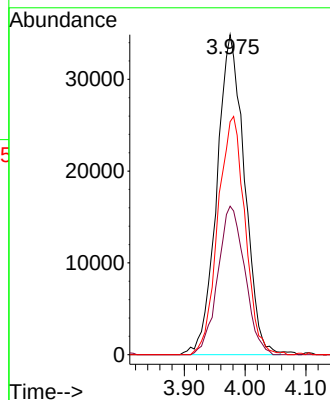
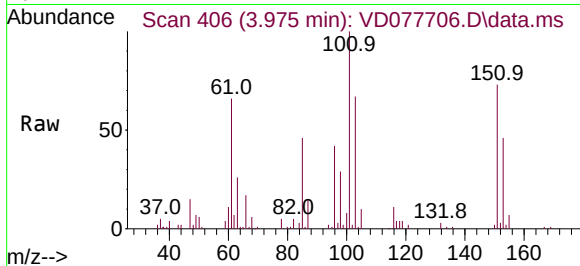




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.495 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD077706.D
 Acq: 30 Nov 2023 09:54

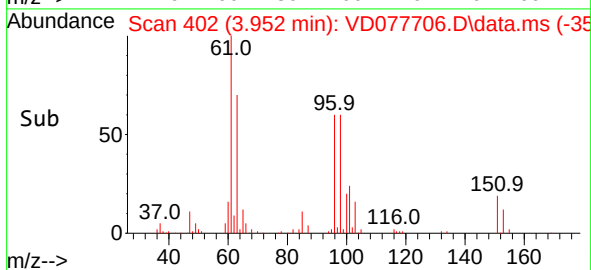
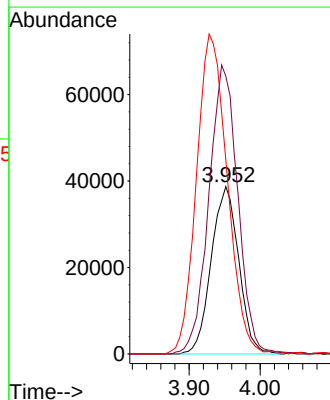
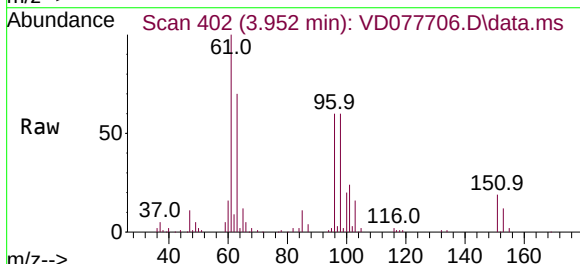
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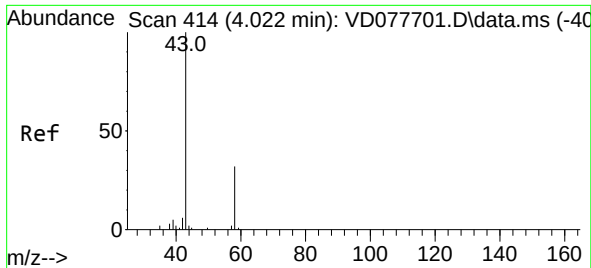
Tgt Ion:101 Resp: 109650
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.8 53.6
 151 73.2 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 23.515 ug/L
 RT: 3.952 min Scan# 402
 Delta R.T. -0.000 min
 Lab File: VD077706.D
 Acq: 30 Nov 2023 09:54

Tgt Ion: 96 Resp: 103859
 Ion Ratio Lower Upper
 96 100
 61 166.0 108.6 201.6
 63 116.1 60.3 111.9#





#13

Acetone

Concen: 51.660 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

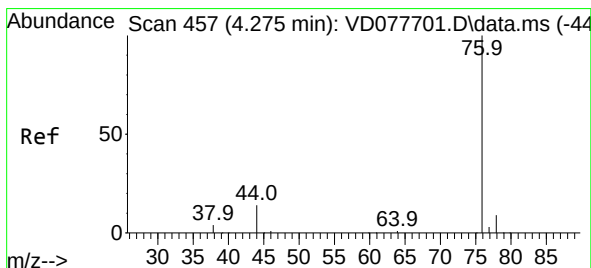
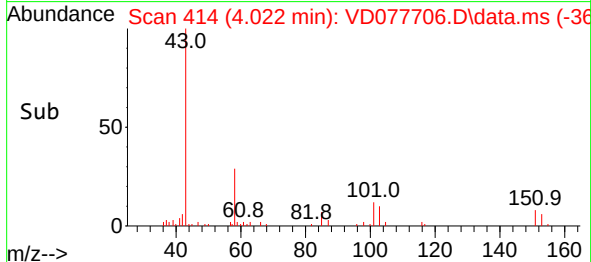
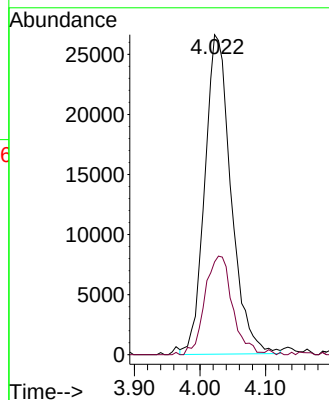
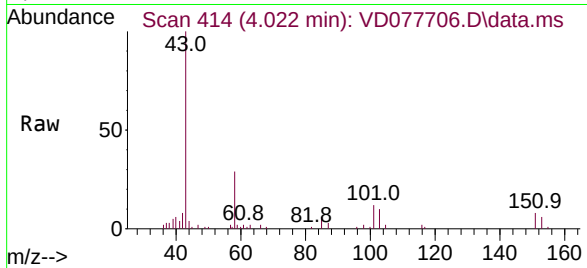
ClientSampleId :

Tgt Ion: 43 Resp: 74069

Ion Ratio Lower Upper

43 100

58 32.2 0.0 67.2



#14

Carbon disulfide

Concen: 24.178 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD077706.D

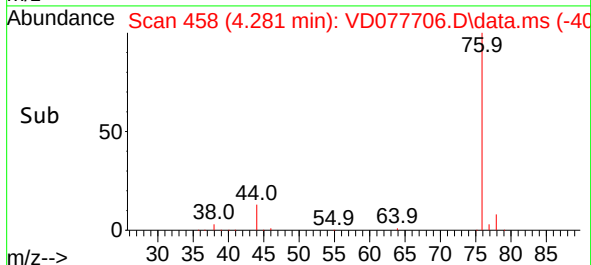
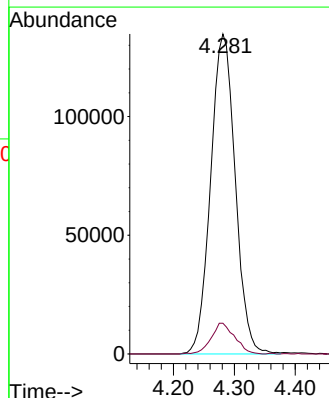
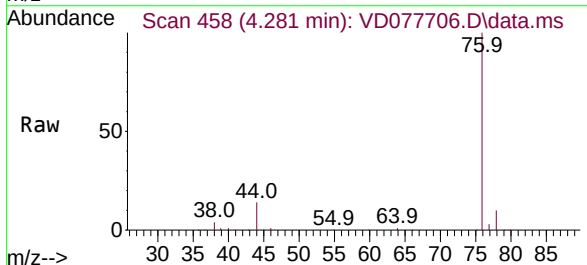
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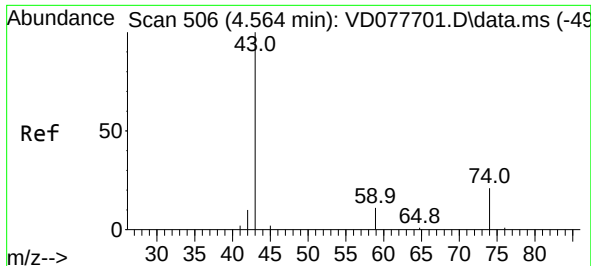
Tgt Ion: 76 Resp: 378424

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

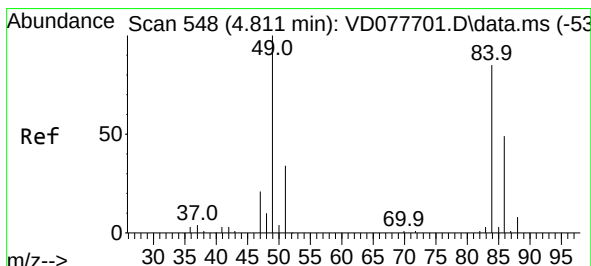
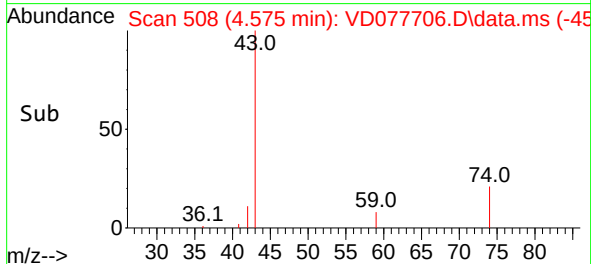
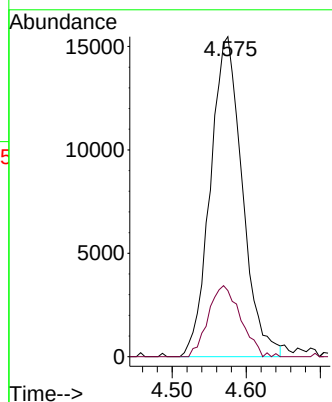
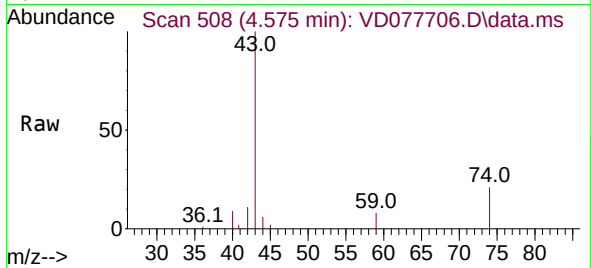




#15
Methyl Acetate
Concen: 22.584 ug/L
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

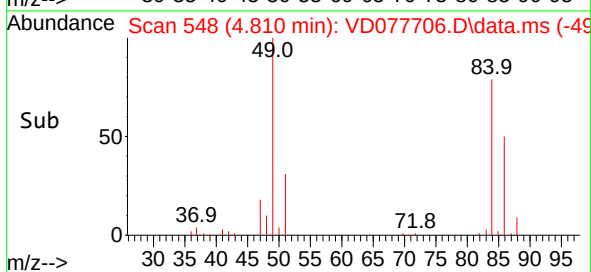
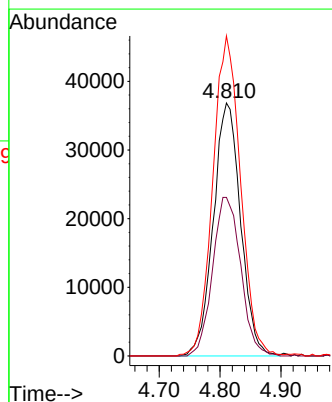
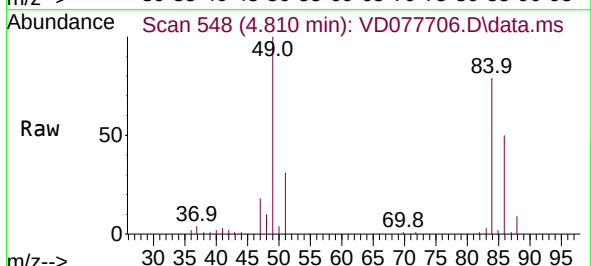
Instrument :
MSVOA_D
ClientSampleId :

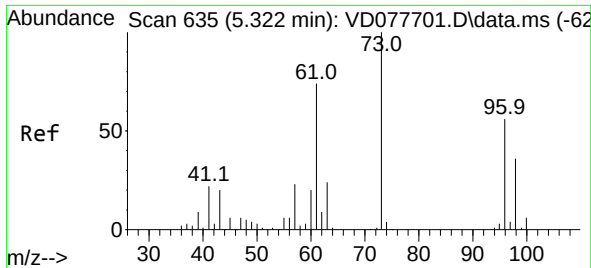
Tgt Ion: 43 Resp: 46353
Ion Ratio Lower Upper
43 100
74 22.2 18.6 27.8



#16
Methylene chloride
Concen: 19.892 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

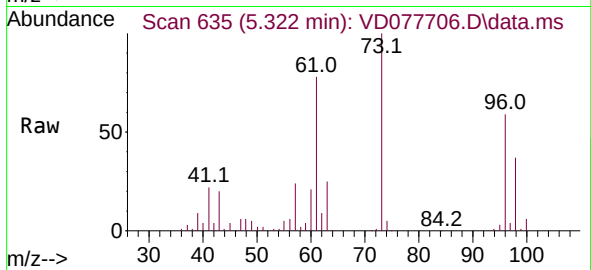
Tgt Ion: 84 Resp: 114679
Ion Ratio Lower Upper
84 100
86 62.7 40.1 74.5
49 126.5 83.2 154.6





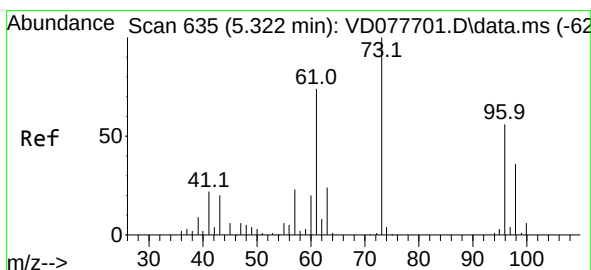
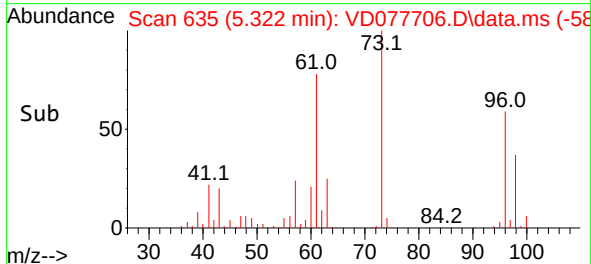
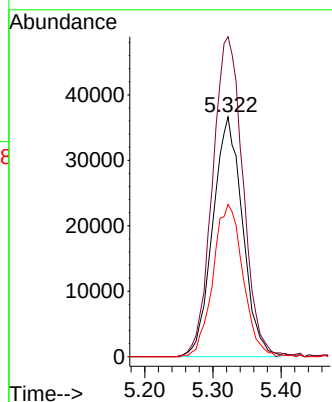
#17
trans-1,2-Dichloroethene
Concen: 24.143 ug/L
RT: 5.322 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 111178

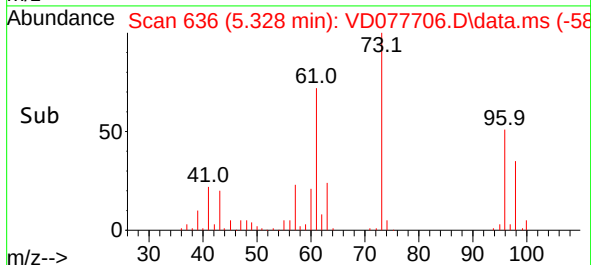
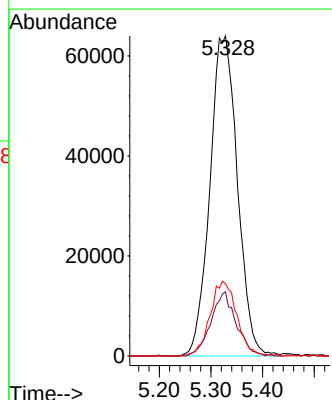
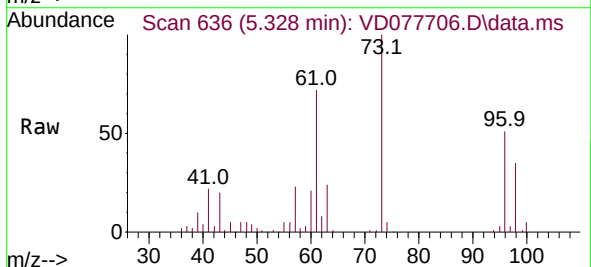
Ion	Ratio	Lower	Upper
96	100		
61	133.5	92.3	171.3
98	63.6	44.7	82.9

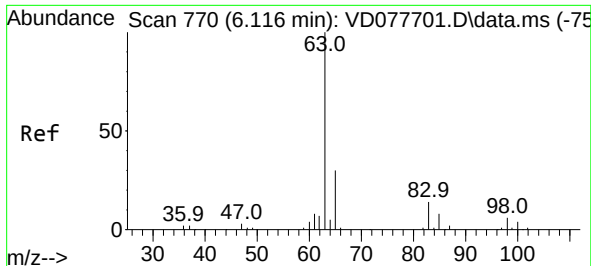


#18
Methyl tert-butyl Ether
Concen: 23.398 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion: 73 Resp: 237517

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.0	22.4
57	22.3	18.1	27.1





#19

1,1-Dichloroethane

Concen: 23.506 ug/L

RT: 6.122 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

ClientSampleId :

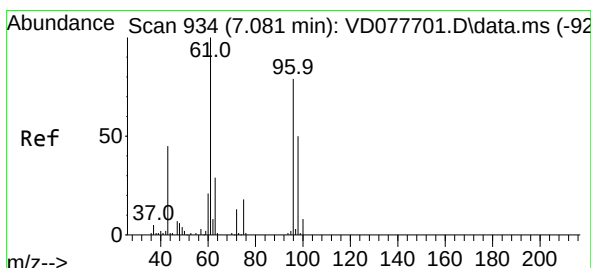
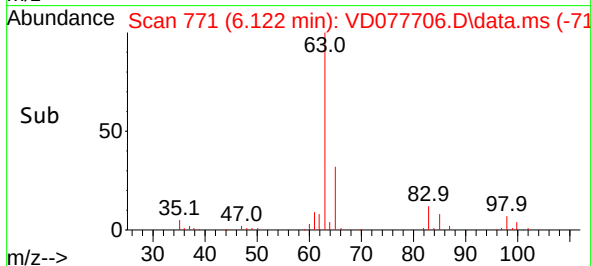
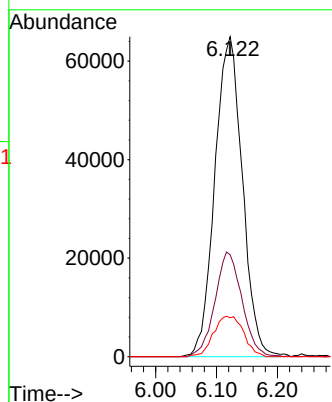
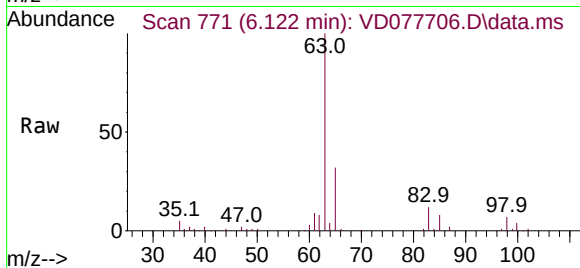
Tgt Ion: 63 Resp: 204008

Ion Ratio Lower Upper

63 100

65 31.9 20.9 38.9

83 12.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.165 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

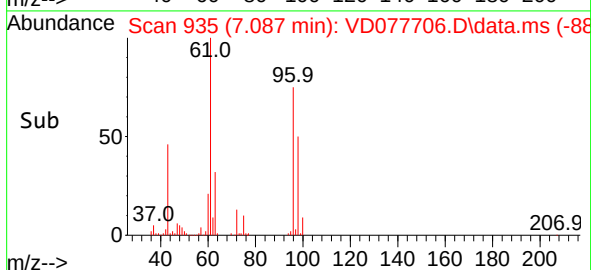
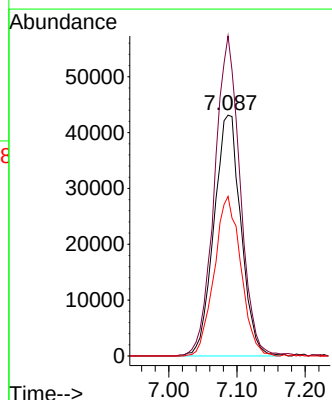
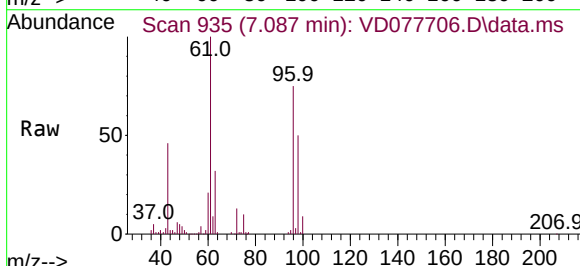
Tgt Ion: 96 Resp: 118537

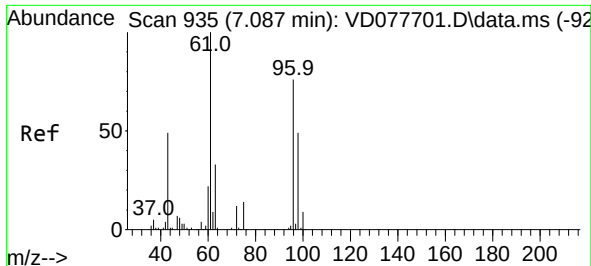
Ion Ratio Lower Upper

96 100

61 132.9 88.1 163.5

98 66.2 44.1 81.9

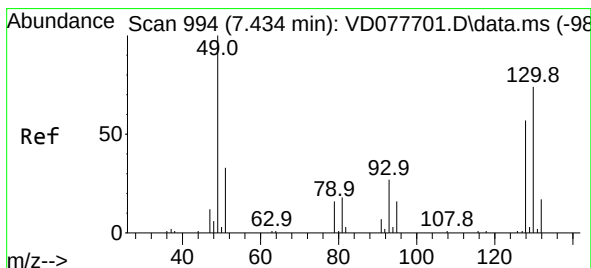
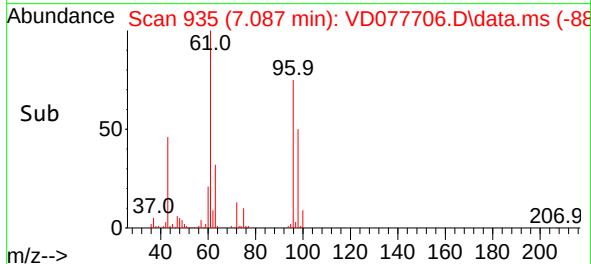
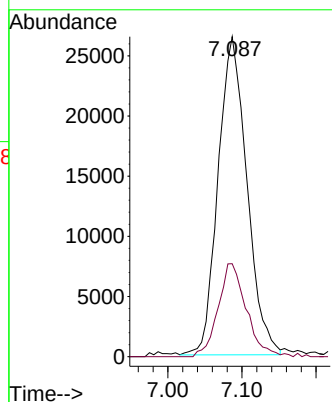
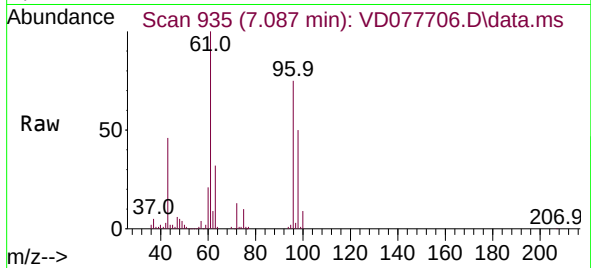




#22
2-Butanone
Concen: 44.273 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

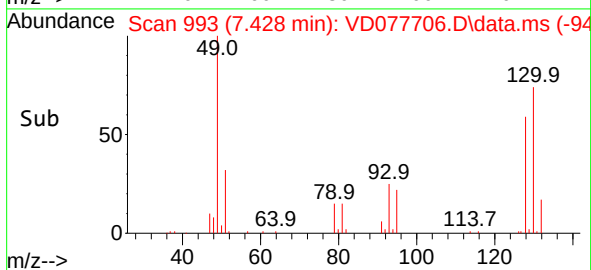
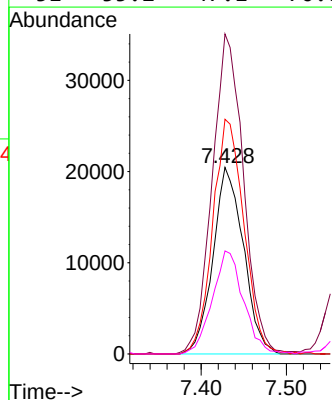
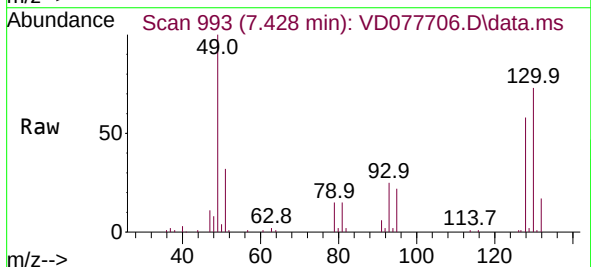
Instrument :
MSVOA_D
ClientSampleId :

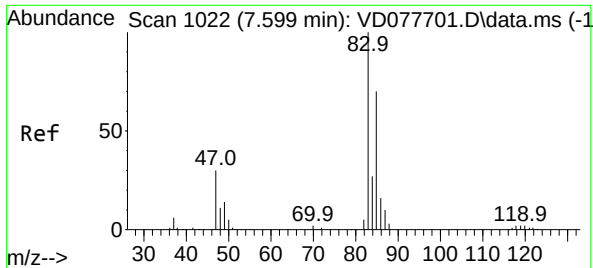
Tgt Ion: 43 Resp: 71445
Ion Ratio Lower Upper
43 100
72 28.4 7.2 21.6#



#23
Bromochloromethane
Concen: 23.911 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:128 Resp: 50939
Ion Ratio Lower Upper
128 100
49 171.6 124.7 231.5
130 125.9 92.3 171.3
51 55.2 47.1 70.7

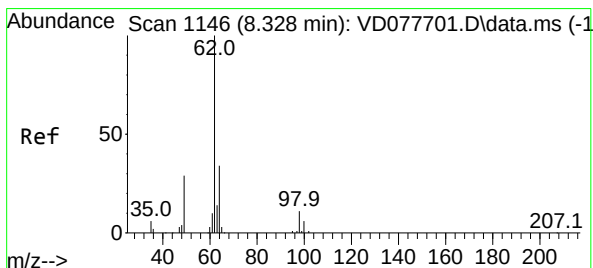
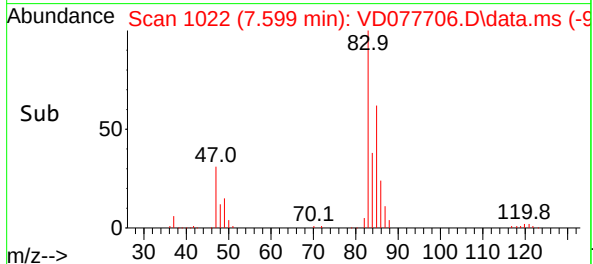
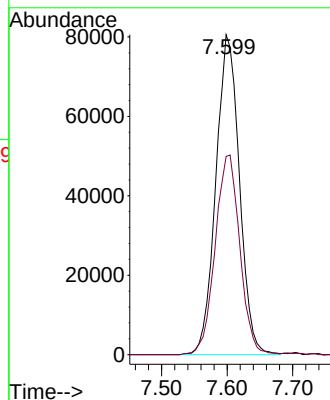
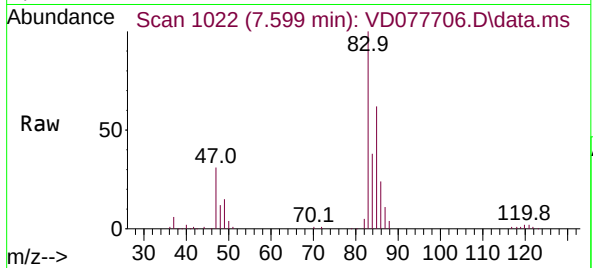




#25
Chloroform
Concen: 23.497 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

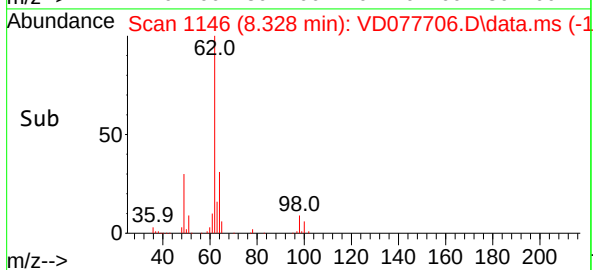
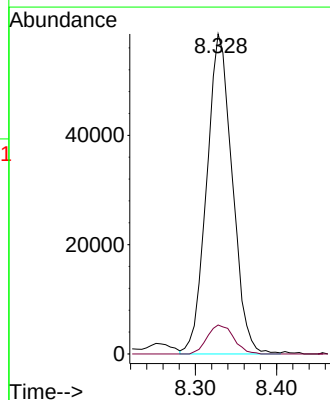
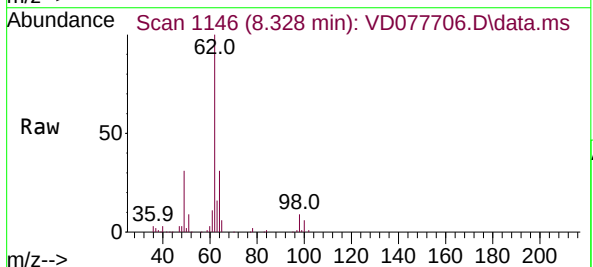
Instrument :
MSVOA_D
ClientSampleId :

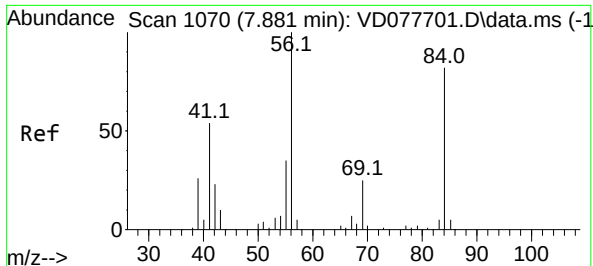
Tgt Ion: 83 Resp: 200767
Ion Ratio Lower Upper
83 100
85 61.9 48.9 90.9



#27
1,2-Dichloroethane
Concen: 24.005 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion: 62 Resp: 128294
Ion Ratio Lower Upper
62 100
98 9.1 8.4 12.6





#29

Cyclohexane

Concen: 24.086 ug/L

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

ClientSampleId :

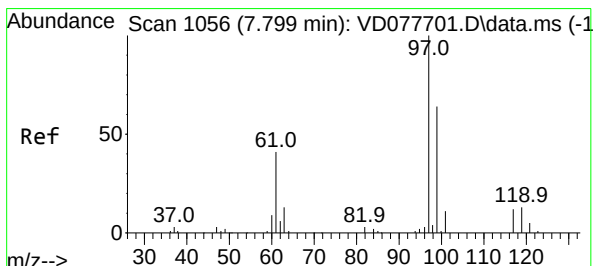
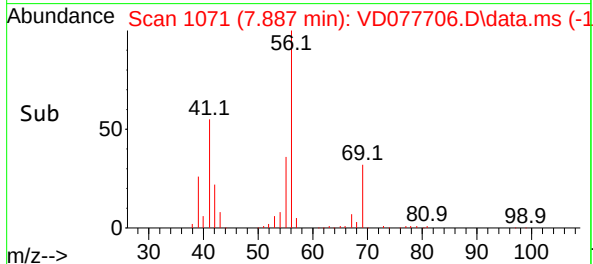
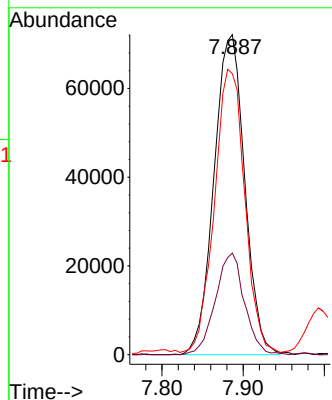
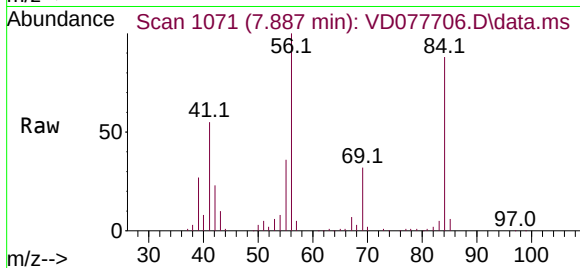
Tgt Ion: 56 Resp: 189634

Ion Ratio Lower Upper

56 100

69 30.0 22.2 33.4

84 88.8 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 23.845 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

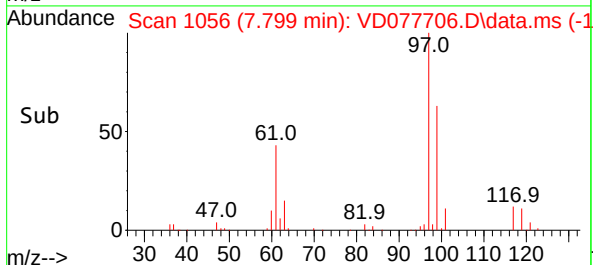
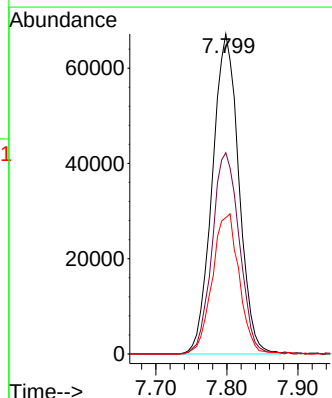
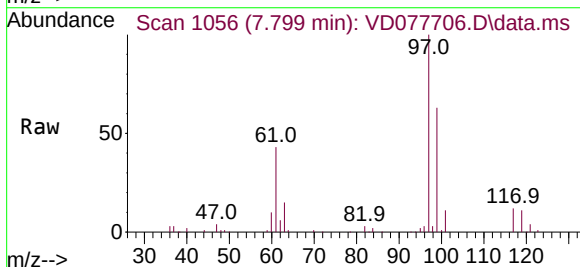
Tgt Ion: 97 Resp: 174092

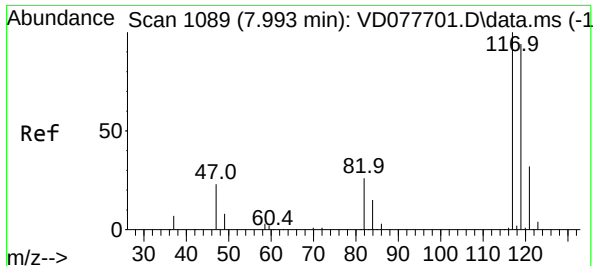
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 44.3 35.4 53.2

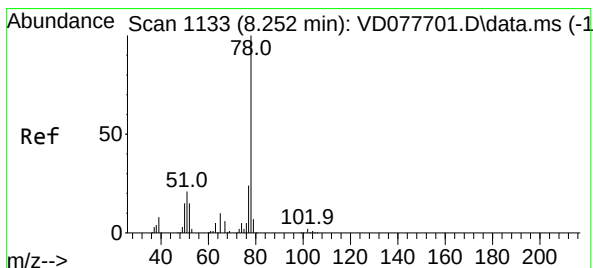
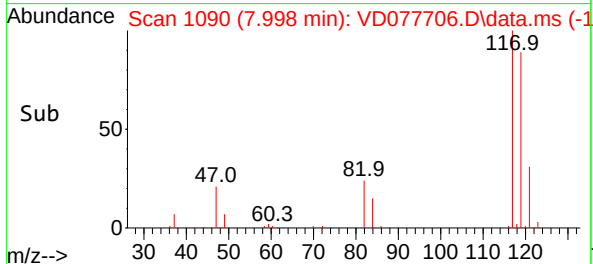
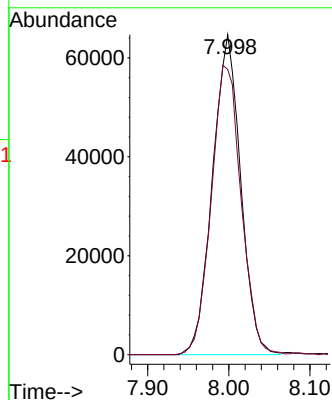
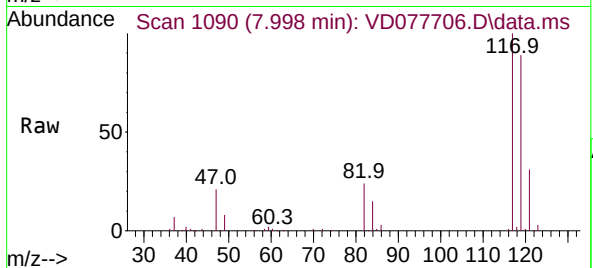




#31
Carbon tetrachloride
Concen: 24.343 ug/L
RT: 7.998 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

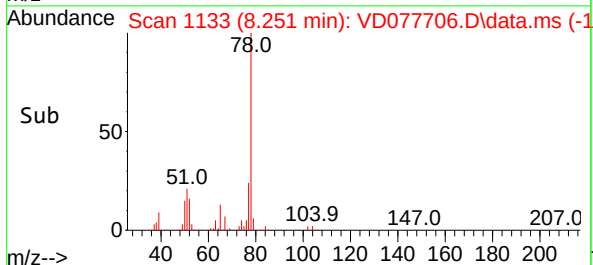
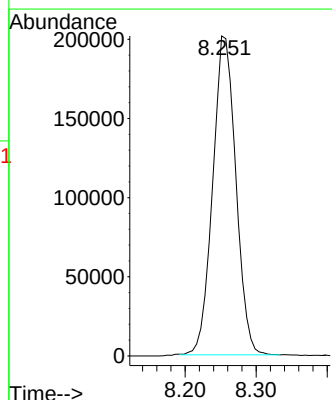
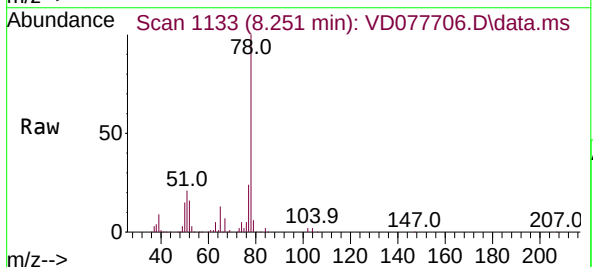
Instrument :
MSVOA_D
ClientSampleId :

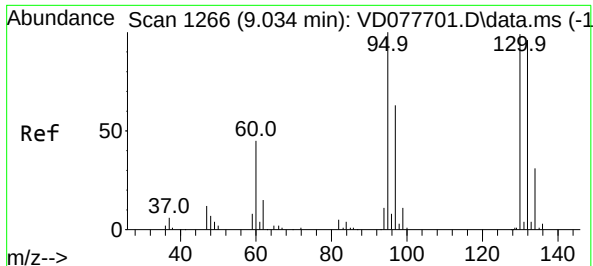
Tgt Ion:117 Resp: 156296
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 23.474 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

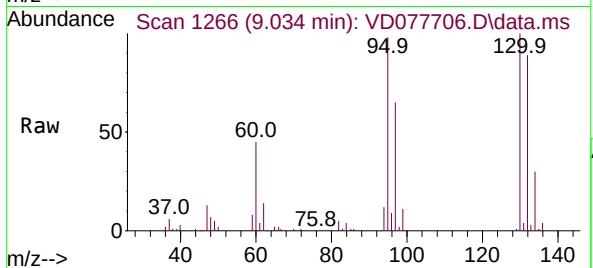
Tgt Ion: 78 Resp: 455868





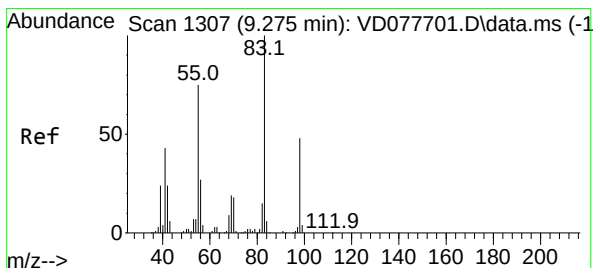
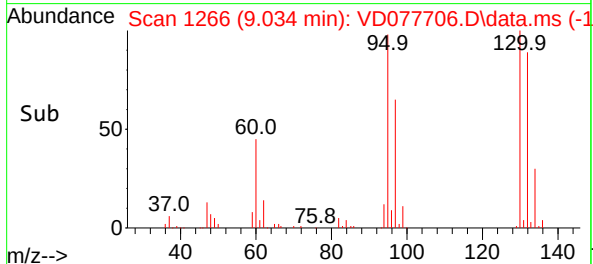
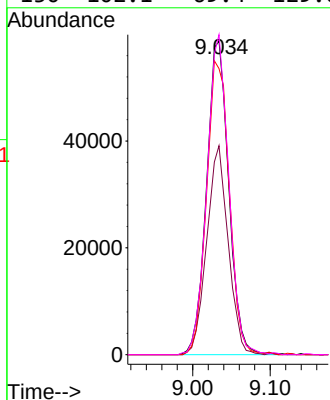
#34
Trichloroethene
Concen: 24.313 ug/L
RT: 9.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 117207

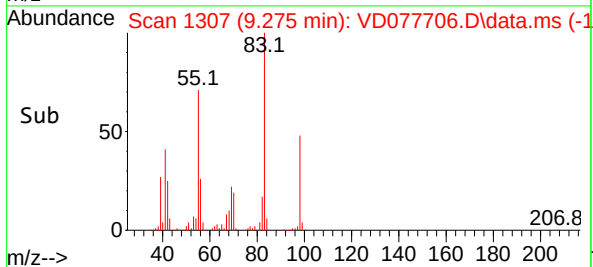
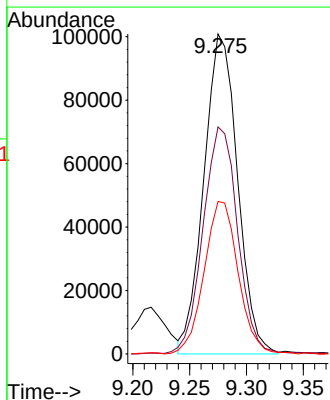
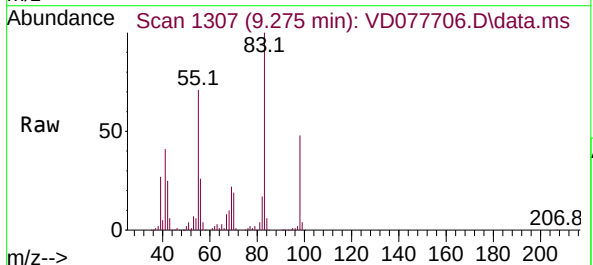
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.2	82.0
132	91.3	67.5	125.3
130	102.1	69.4	129.0

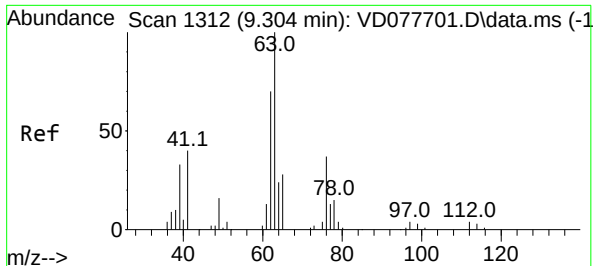


#35
Methylcyclohexane
Concen: 24.298 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion: 83 Resp: 207949

Ion	Ratio	Lower	Upper
83	100		
55	72.6	59.8	89.6
98	48.2	38.5	57.7





#37

1,2-Dichloropropane

Concen: 24.238 ug/L

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

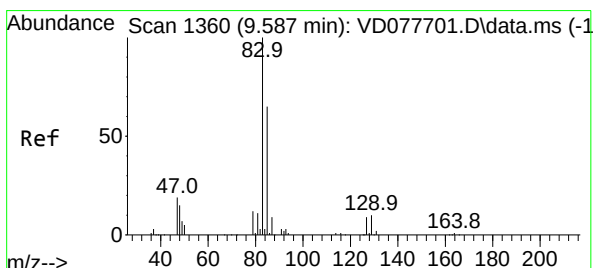
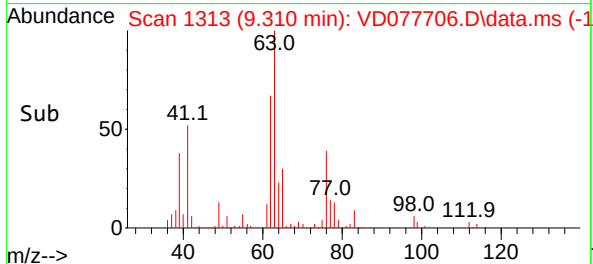
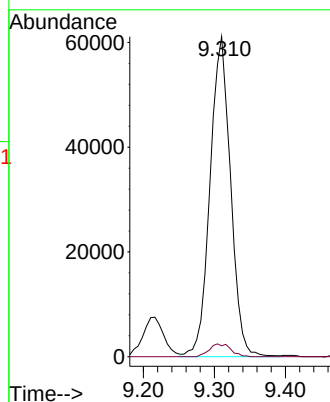
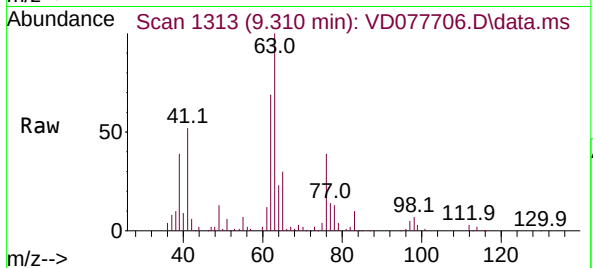
ClientSampleId :

Tgt Ion: 63 Resp: 122725

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 23.470 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

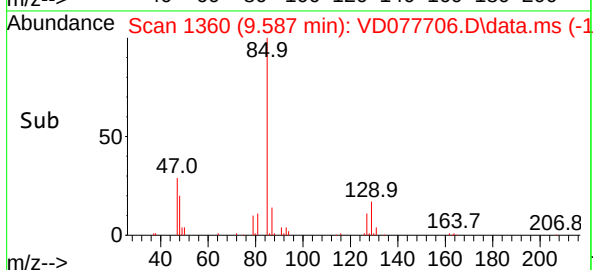
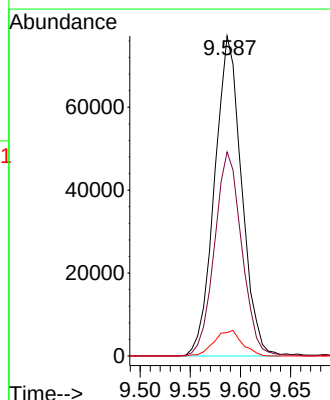
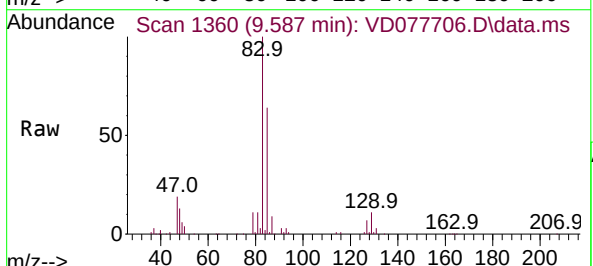
Tgt Ion: 83 Resp: 144512

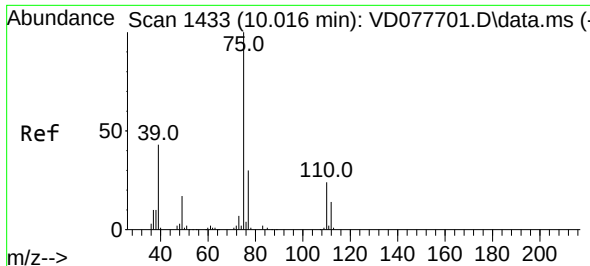
Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5

127 7.3 7.4 11.2#





#39

cis-1,3-Dichloropropene

Concen: 23.935 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

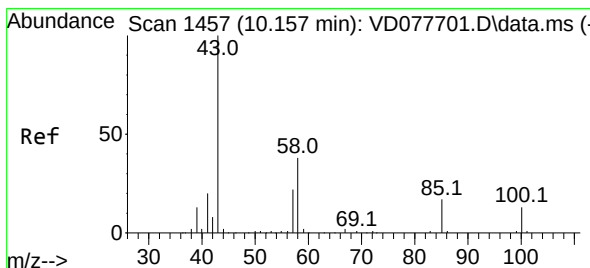
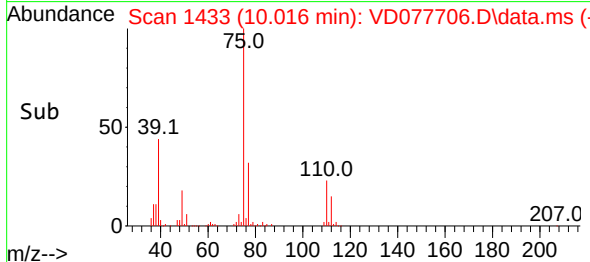
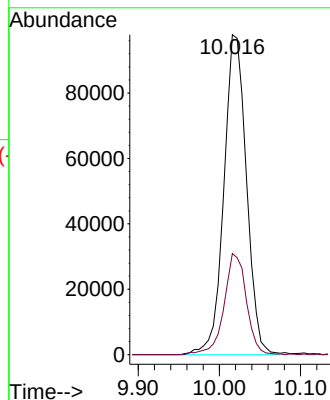
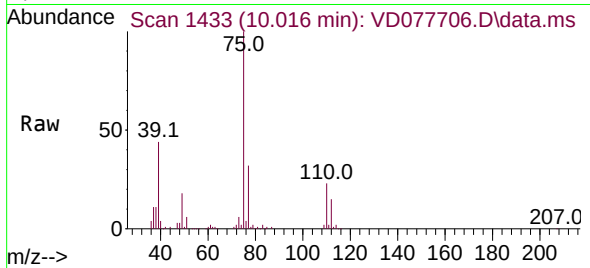
ClientSampleId :

Tgt Ion: 75 Resp: 189257

Ion Ratio Lower Upper

75 100

77 31.6 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 46.185 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

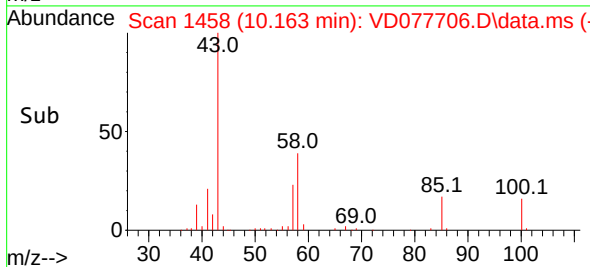
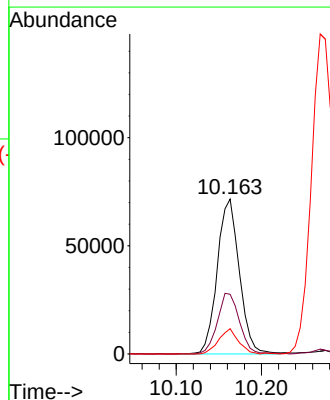
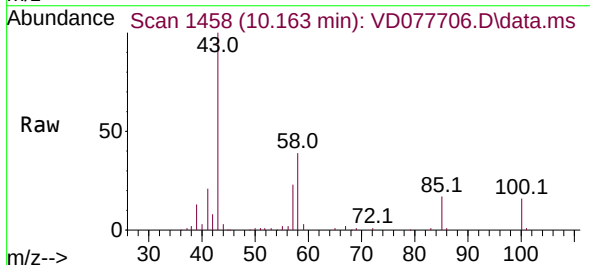
Tgt Ion: 43 Resp: 129045

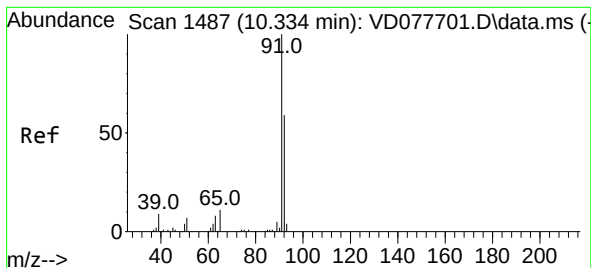
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 14.5 11.9 17.9





#42

Toluene

Concen: 24.222 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

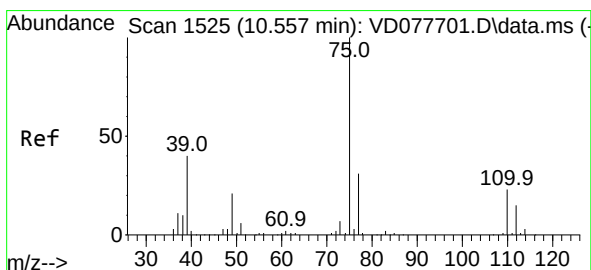
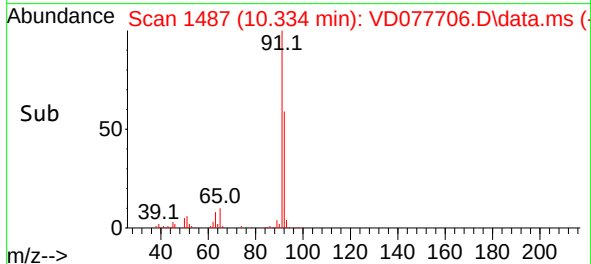
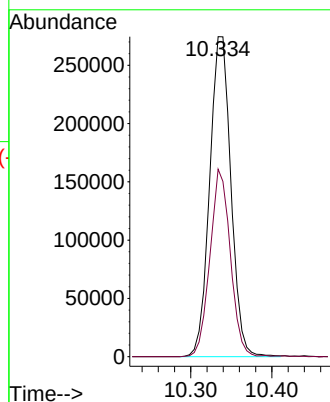
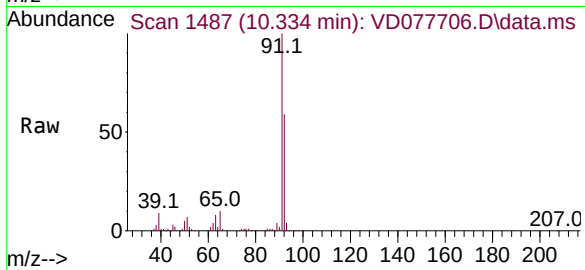
ClientSampleId :

Tgt Ion: 91 Resp: 499626

Ion Ratio Lower Upper

91 100

92 58.6 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 23.525 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD077706.D

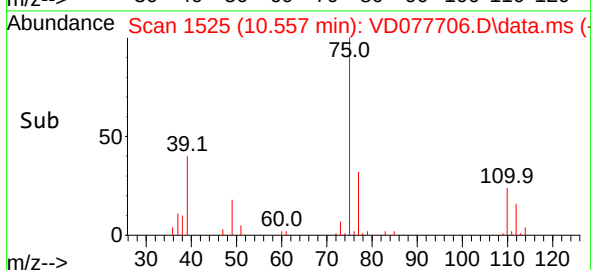
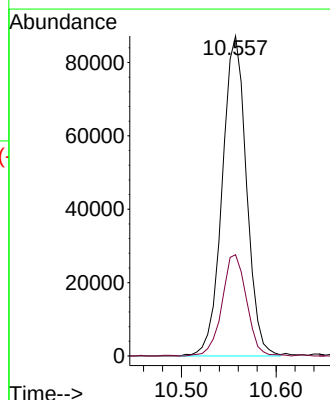
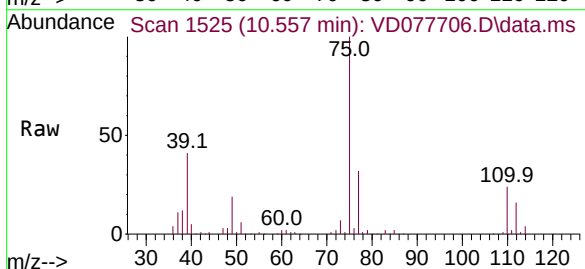
Acq: 30 Nov 2023 09:54

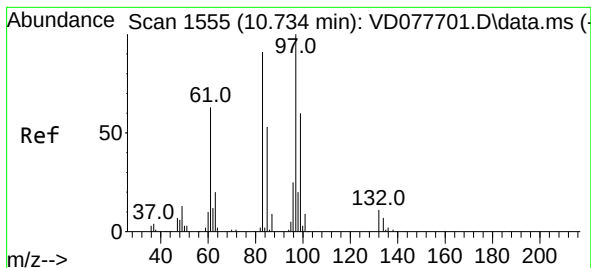
Tgt Ion: 75 Resp: 155373

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.087 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 81911

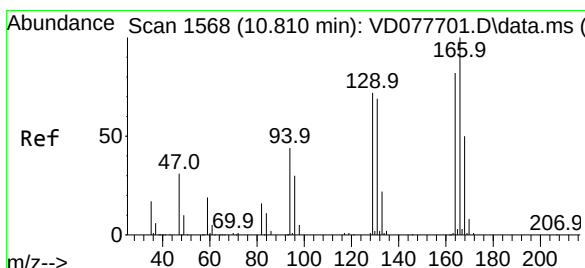
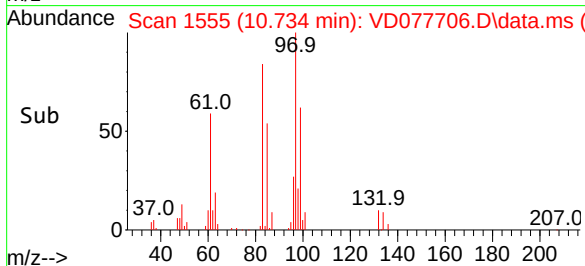
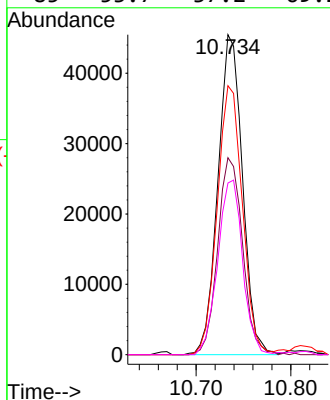
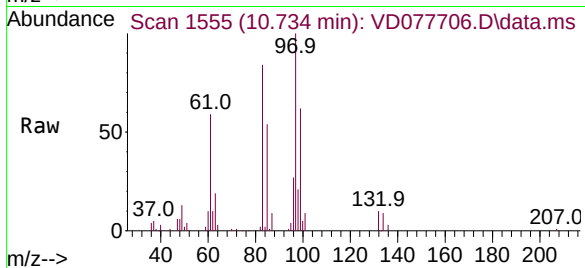
Ion Ratio Lower Upper

97 100

99 61.6 41.7 77.5

83 84.0 63.6 118.2

85 53.7 37.2 69.2



#46

Tetrachloroethene

Concen: 23.278 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Tgt Ion:164 Resp: 90488

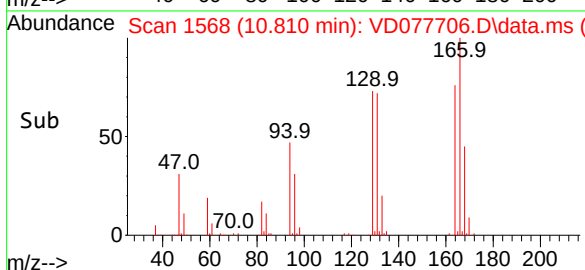
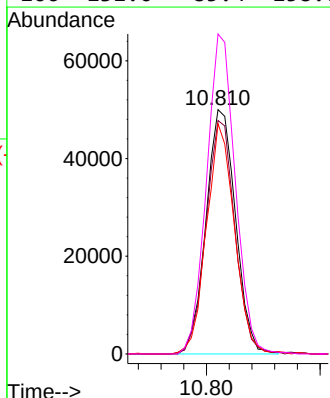
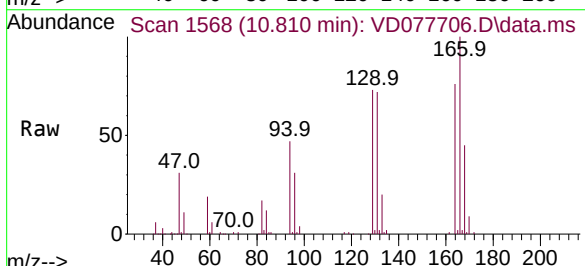
Ion Ratio Lower Upper

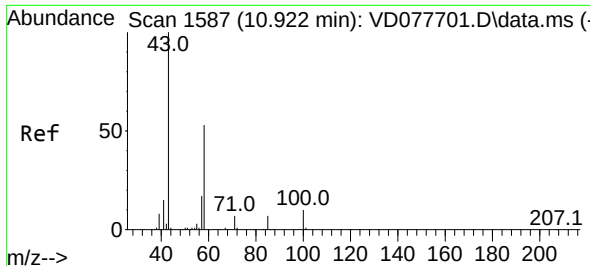
164 100

129 95.5 61.5 114.3

131 94.2 59.1 109.9

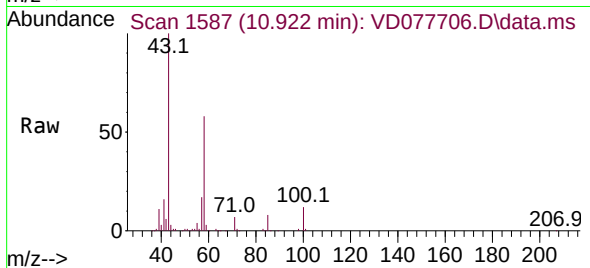
166 131.0 85.4 158.6





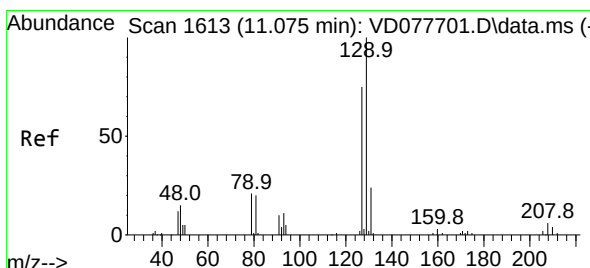
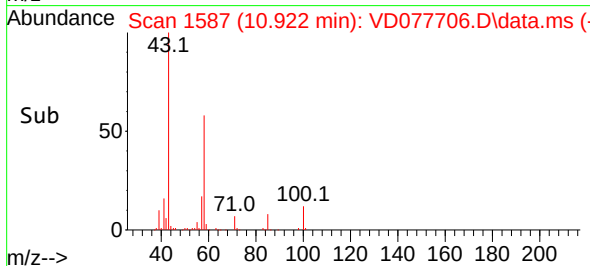
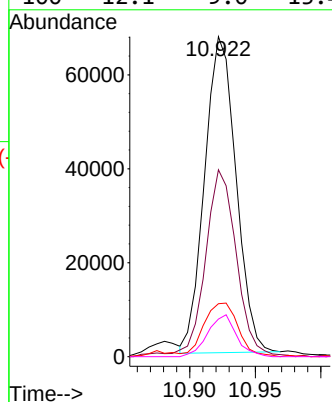
#48
2-Hexanone
Concen: 47.256 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 112229

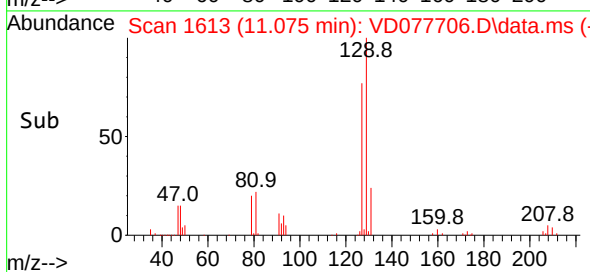
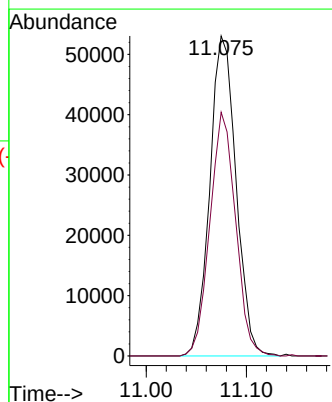
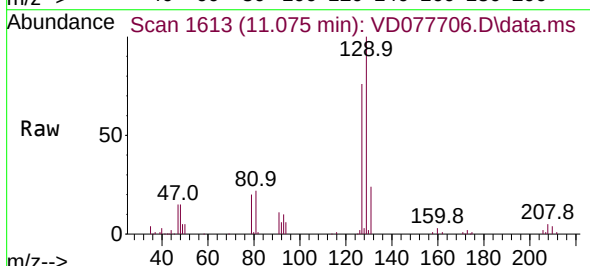
Ion	Ratio	Lower	Upper
43	100		
58	58.0	43.0	64.6
57	18.5	13.8	20.8
100	12.1	9.0	13.4

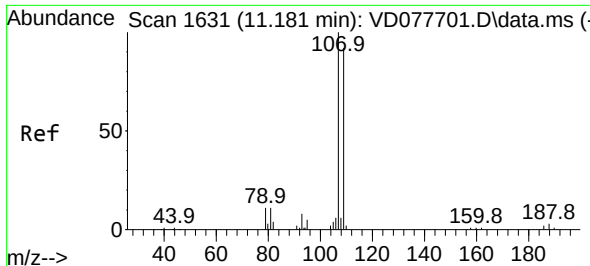


#49
Dibromochloromethane
Concen: 23.877 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion: 129 Resp: 96545

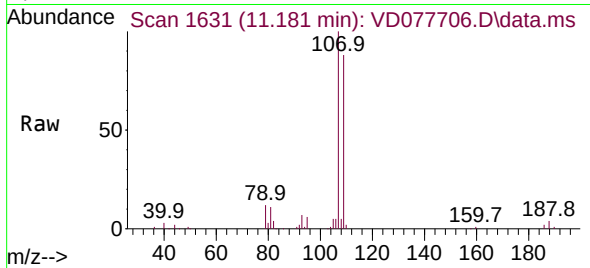
Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.8	98.2



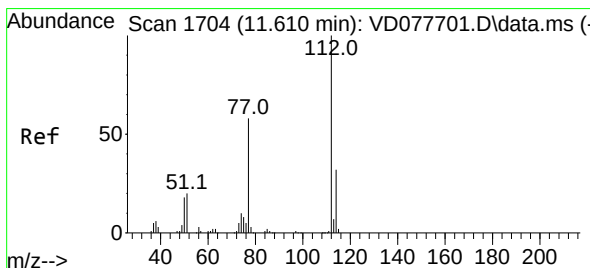
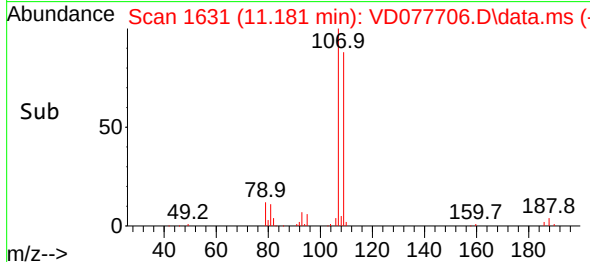
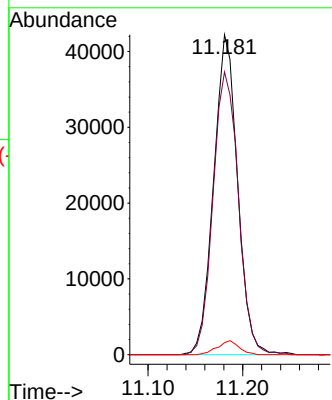


#50
1,2-Dibromoethane
Concen: 22.631 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Instrument :
MSVOA_D
ClientSampleId :

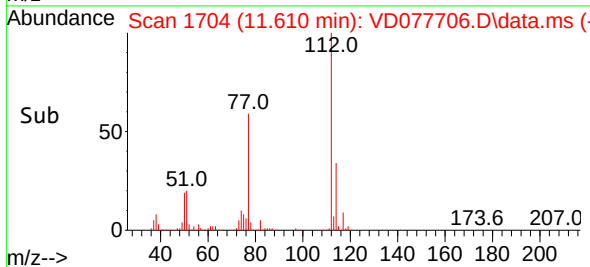
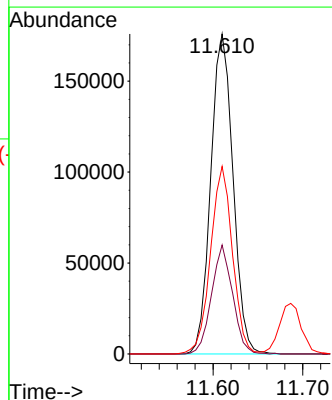
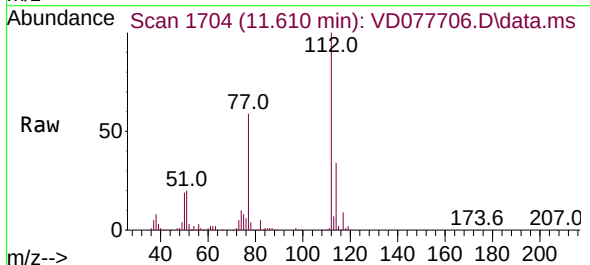


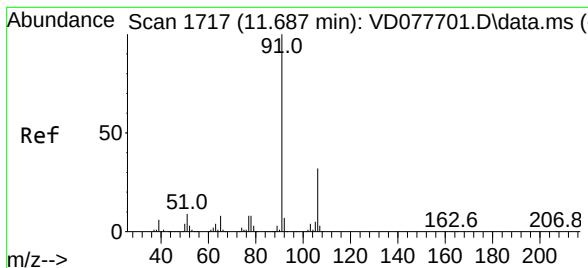
Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.3	64.2	119.2
188	3.7	2.3	3.5



#51
Chlorobenzene
Concen: 23.707 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.5	41.9
77	58.6	46.4	69.6

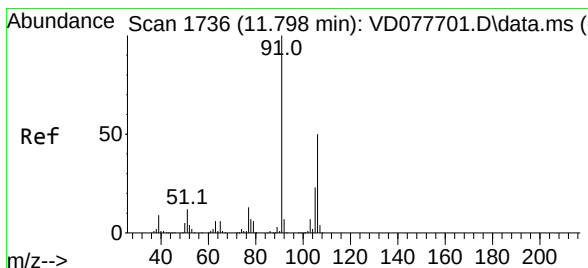
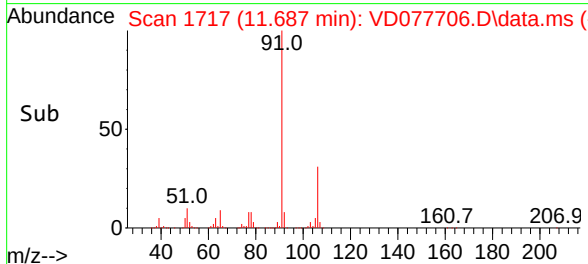
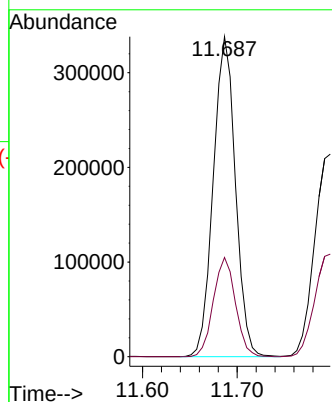
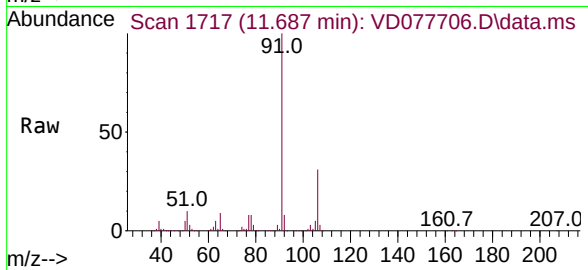




#52
Ethylbenzene
Concen: 24.020 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

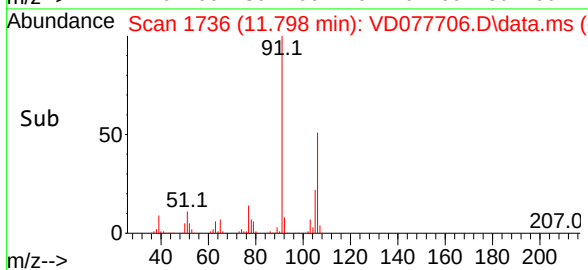
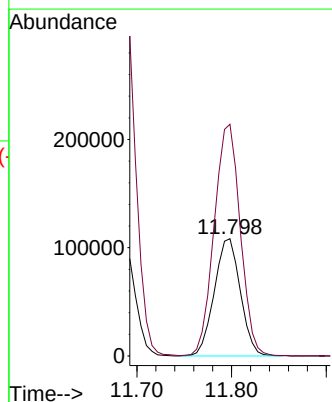
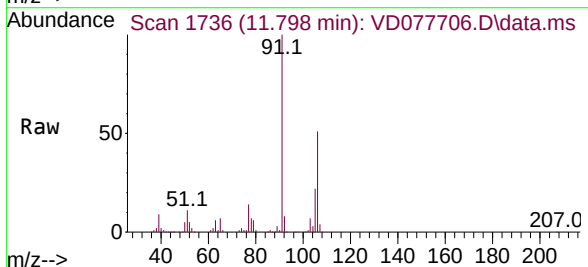
Instrument :
MSVOA_D
ClientSampleId :

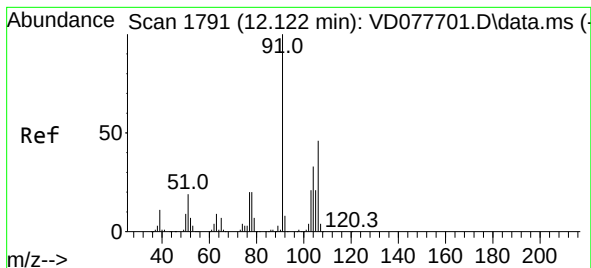
Tgt Ion: 91 Resp: 549250
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 23.973 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:106 Resp: 207134
Ion Ratio Lower Upper
106 100
91 197.5 140.8 261.6

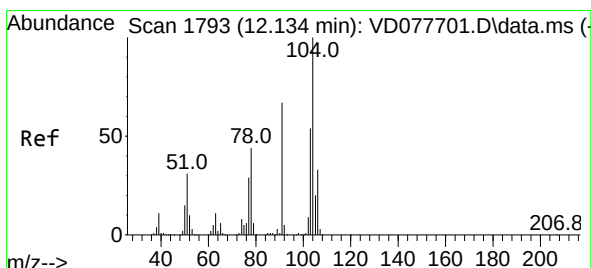
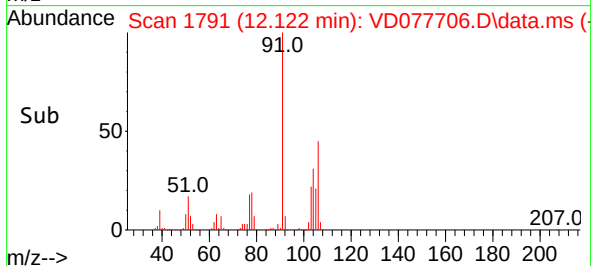
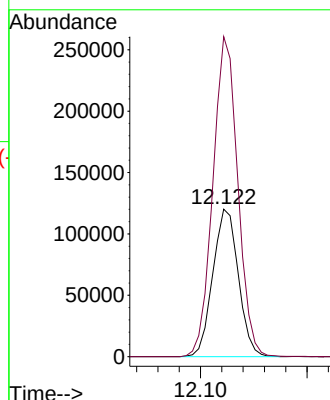
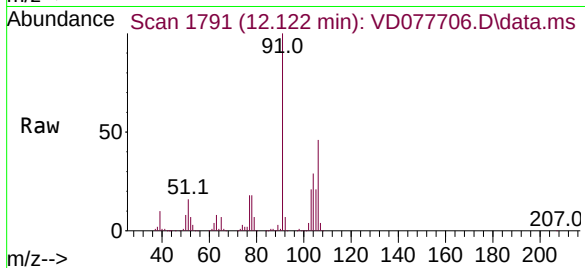




#54
o-Xylene
Concen: 24.116 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

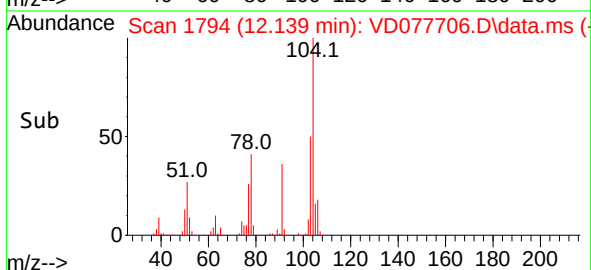
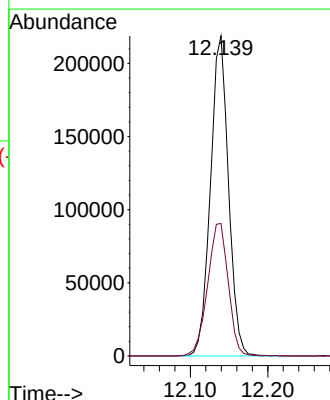
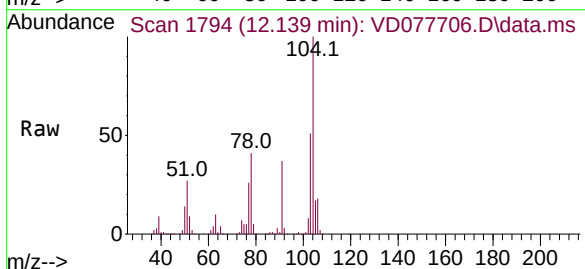
Instrument :
MSVOA_D
ClientSampleId :

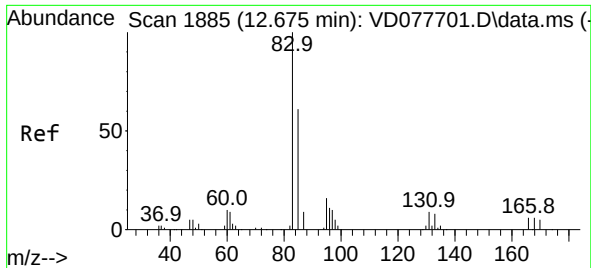
Tgt Ion:106 Resp: 199416
Ion Ratio Lower Upper
106 100
91 216.9 152.2 282.7



#55
Styrene
Concen: 24.485 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:104 Resp: 354271
Ion Ratio Lower Upper
104 100
78 41.4 30.9 57.5

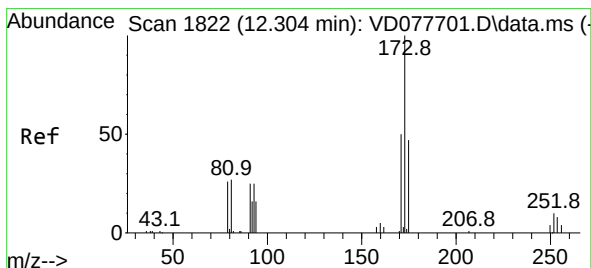
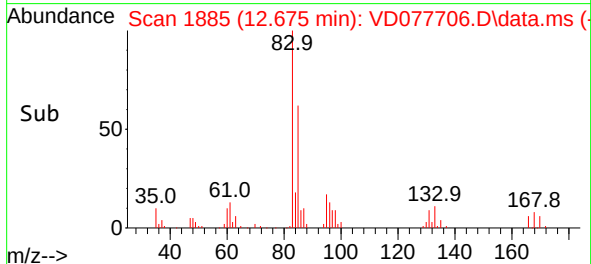
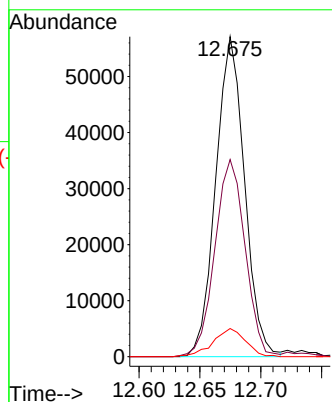
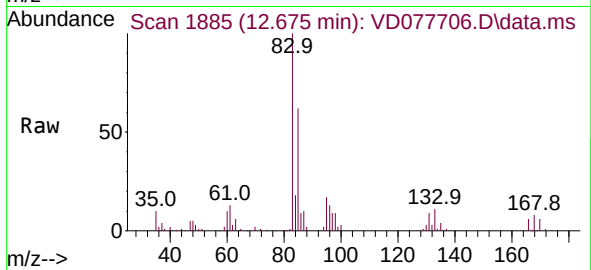




#57
1,1,2,2-Tetrachloroethane
Concen: 23.344 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

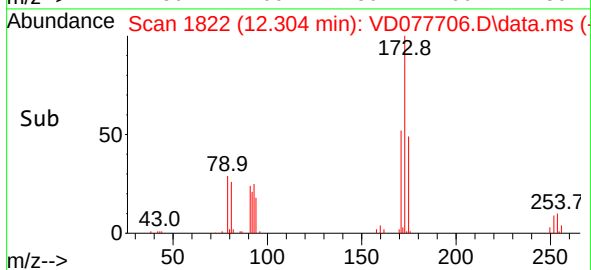
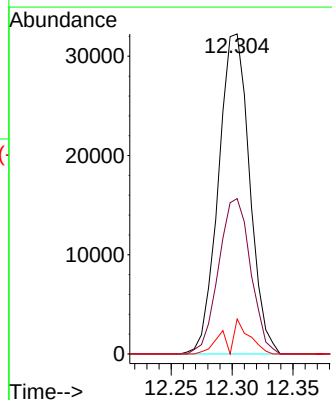
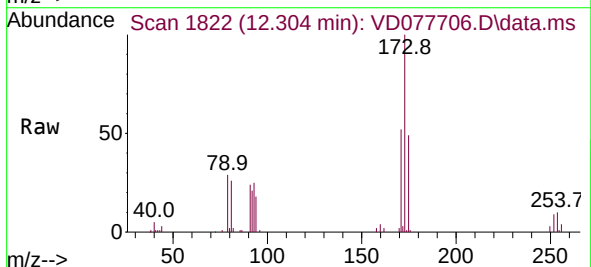
Instrument :
MSVOA_D
ClientSampleId :

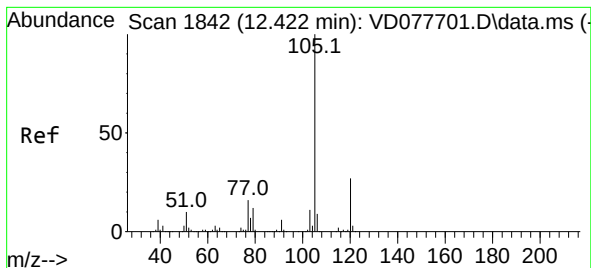
Tgt Ion: 83 Resp: 94062
Ion Ratio Lower Upper
83 100
85 61.6 43.3 80.5
131 8.8 7.3 10.9



#59
Bromoform
Concen: 22.632 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:173 Resp: 57438
Ion Ratio Lower Upper
173 100
175 49.9 38.7 58.1
254 5.2 1.8 2.8#





#60

Isopropylbenzene

Concen: 23.460 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

ClientSampleId :

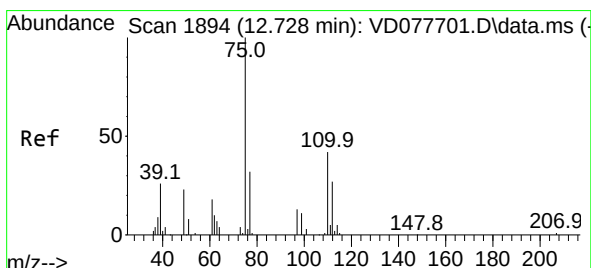
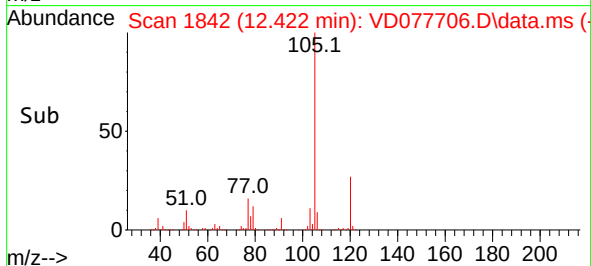
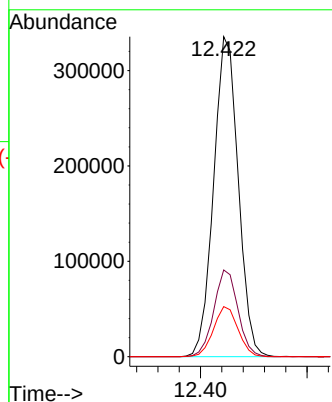
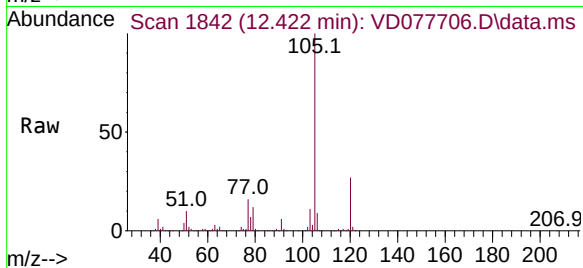
Tgt Ion:105 Resp: 537073

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 22.586 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

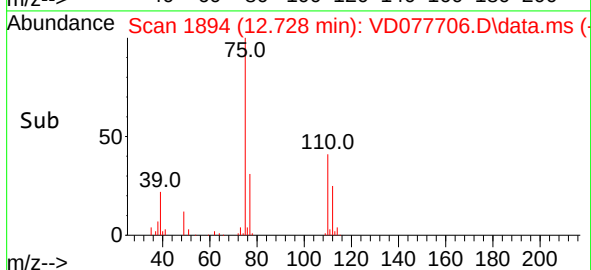
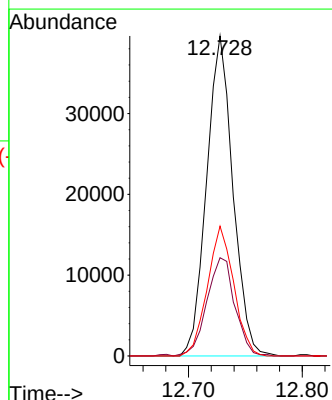
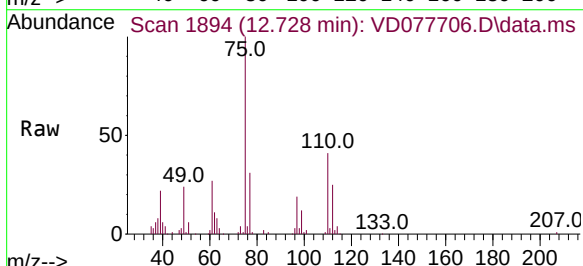
Tgt Ion: 75 Resp: 63722

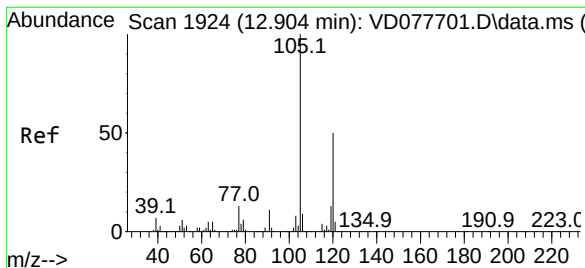
Ion Ratio Lower Upper

75 100

77 32.6 26.8 40.2

110 40.5 33.4 50.2

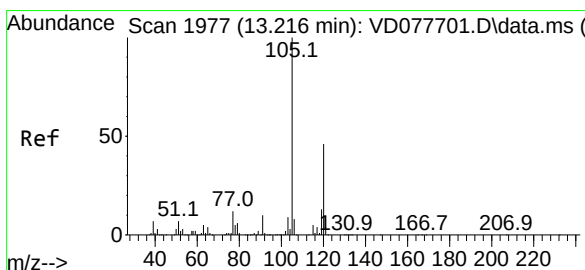
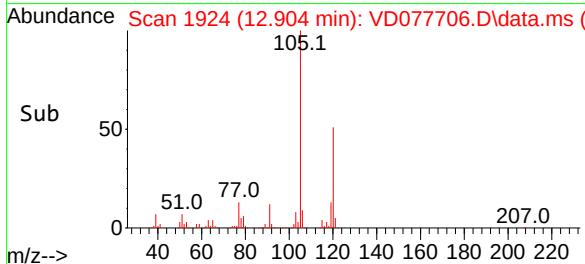
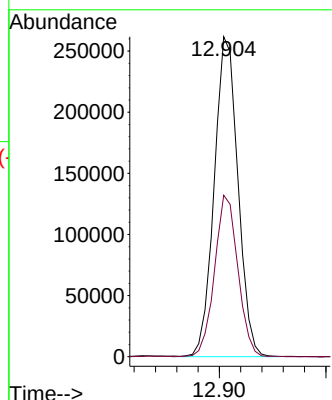
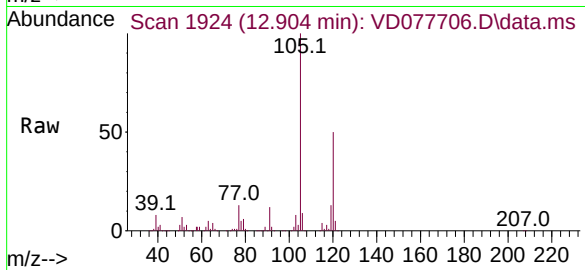




#62
1,3,5-Trimethylbenzene
Concen: 23.525 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

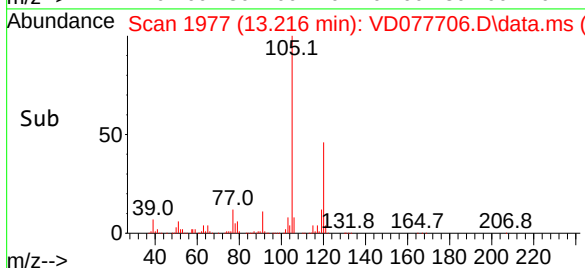
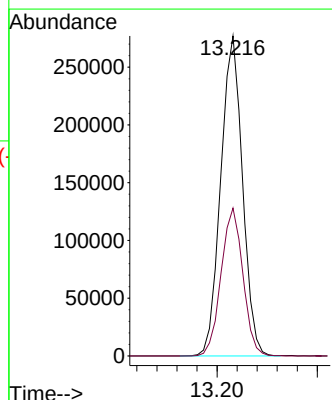
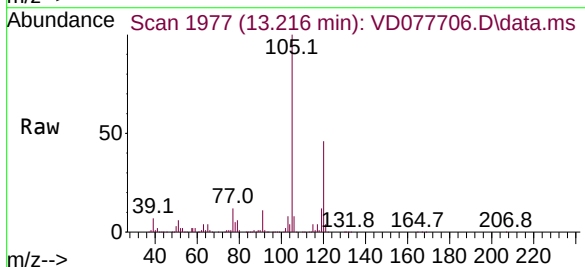
Instrument :
MSVOA_D
ClientSampleId :

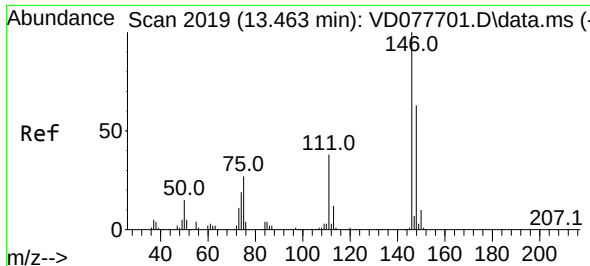
Tgt Ion:105 Resp: 404504
Ion Ratio Lower Upper
105 100
120 49.5 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 23.916 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:105 Resp: 416956
Ion Ratio Lower Upper
105 100
120 46.3 37.1 55.7

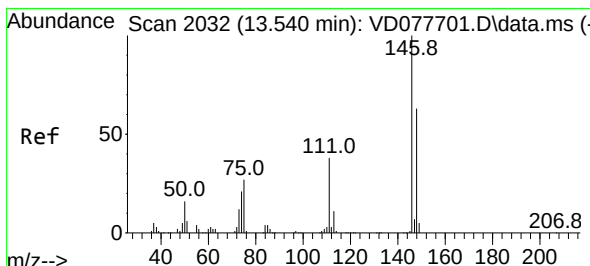
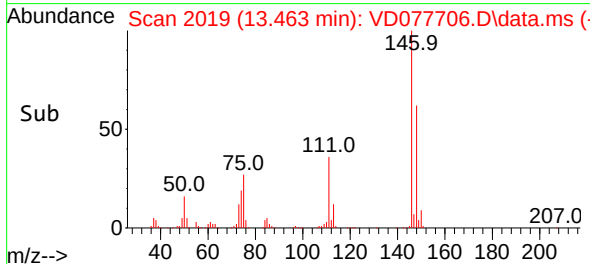
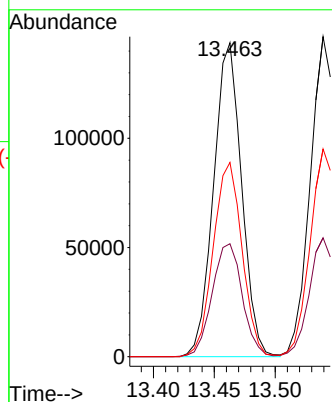
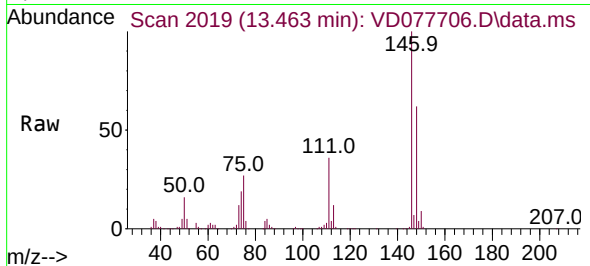




#64
1,3-Dichlorobenzene
Concen: 23.273 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

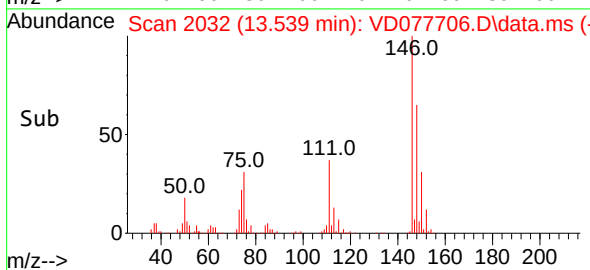
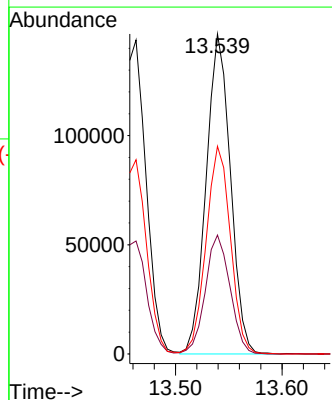
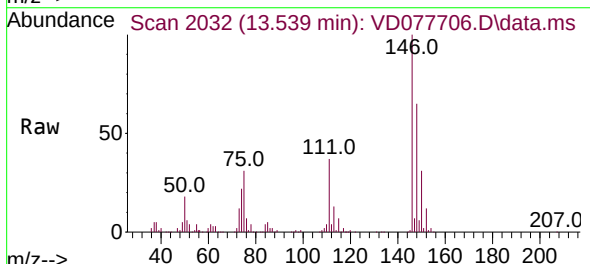
Instrument :
MSVOA_D
ClientSampleId :

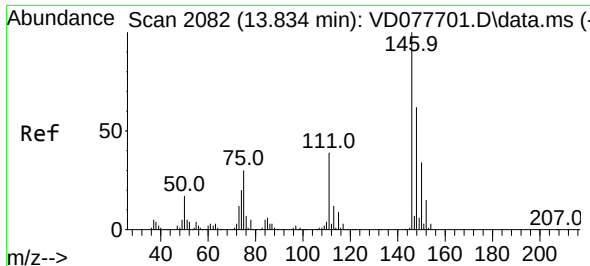
Tgt Ion:146 Resp: 230424
Ion Ratio Lower Upper
146 100
111 36.0 26.6 49.4
148 61.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 22.633 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion:146 Resp: 232526
Ion Ratio Lower Upper
146 100
111 37.2 26.4 49.0
148 64.9 44.0 81.8

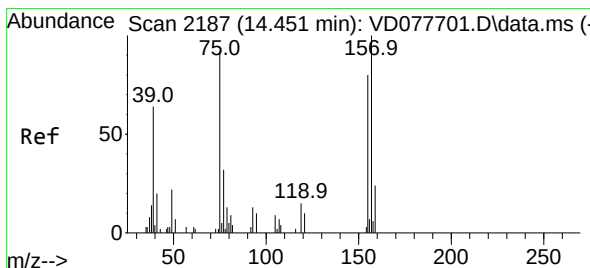
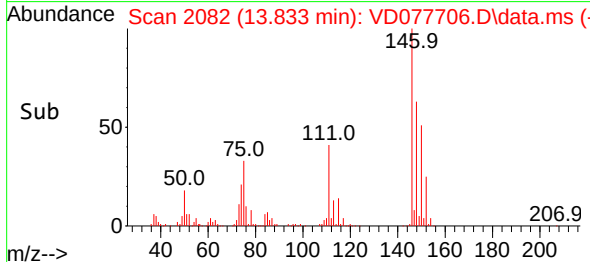
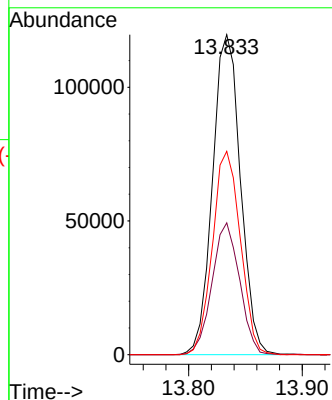
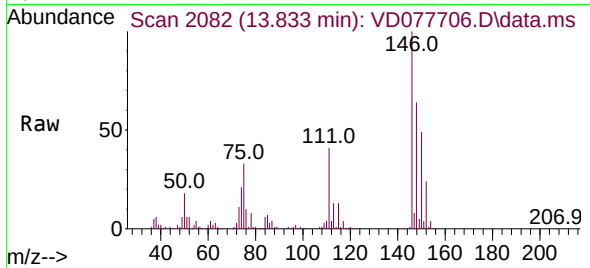




#67
1,2-Dichlorobenzene
Concen: 22.940 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

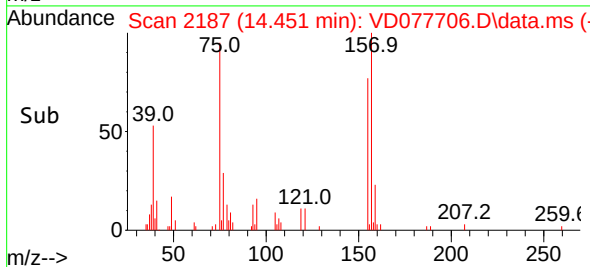
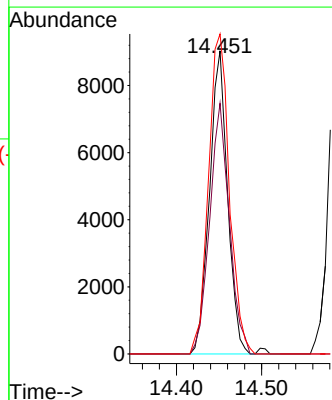
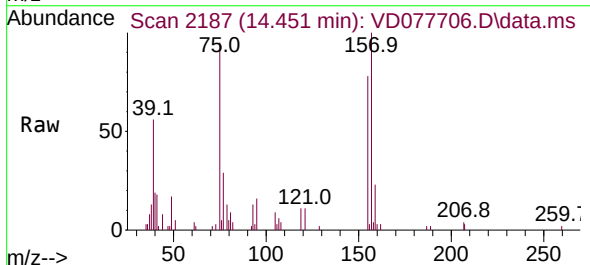
Instrument :
MSVOA_D
ClientSampleId :

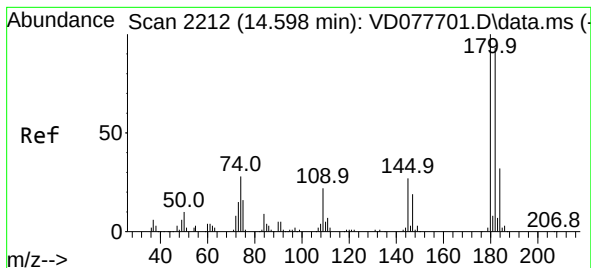
Tgt Ion:146 Resp: 204378
Ion Ratio Lower Upper
146 100
111 41.2 31.4 47.2
148 63.6 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 20.186 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077706.D
Acq: 30 Nov 2023 09:54

Tgt Ion: 75 Resp: 13429
Ion Ratio Lower Upper
75 100
155 82.7 69.2 103.8
157 105.5 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 22.941 ug/L

RT: 14.598 min Scan# 21

Delta R.T. -0.000 min

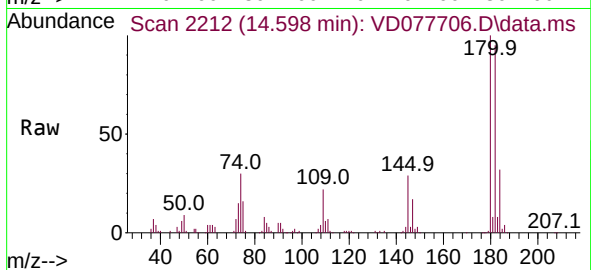
Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 154664

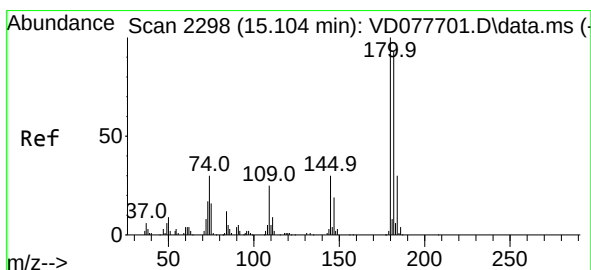
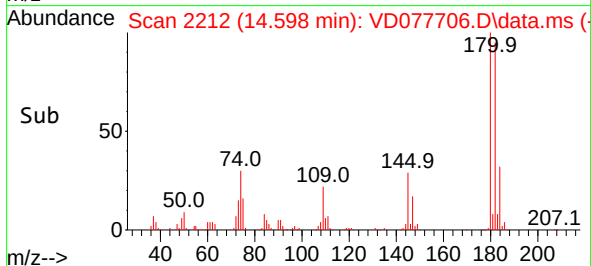
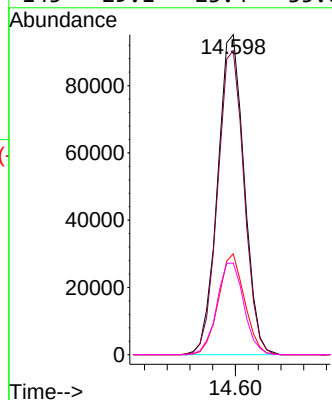
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

184 30.9 24.3 36.5

145 29.1 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 22.899 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

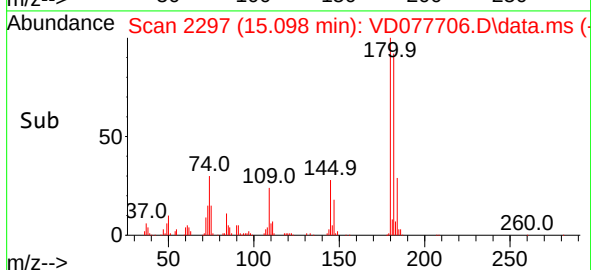
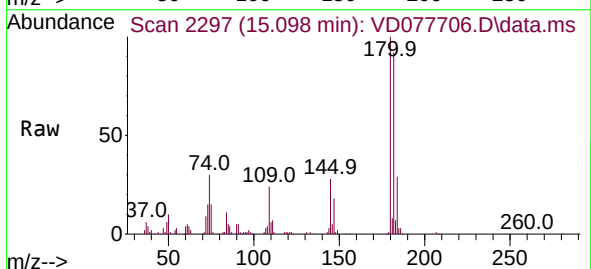
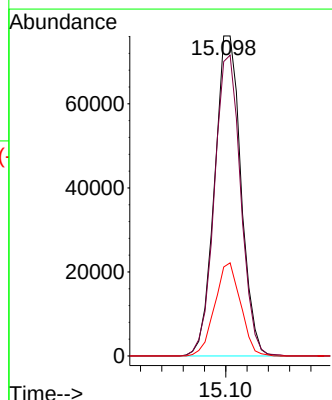
Tgt Ion:180 Resp: 131062

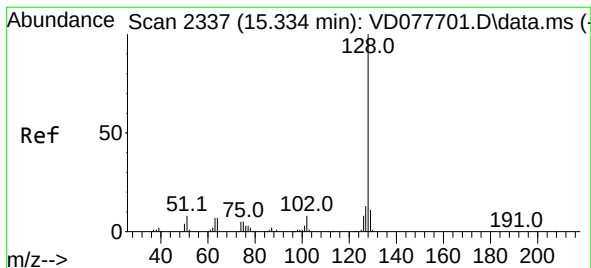
Ion Ratio Lower Upper

180 100

182 93.5 77.0 115.6

145 28.5 23.9 35.9





#71

Naphthalene

Concen: 22.936 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Instrument :

MSVOA_D

ClientSampleId :

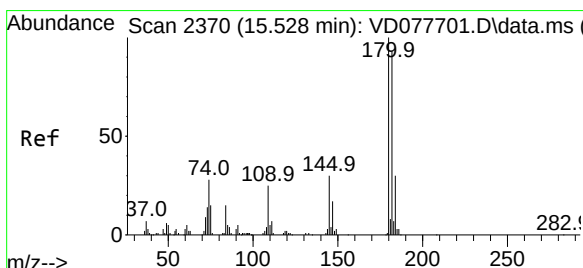
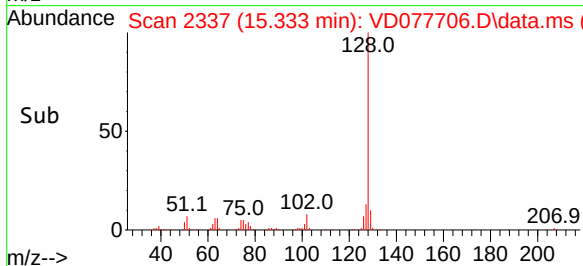
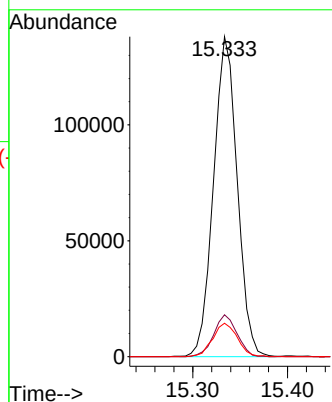
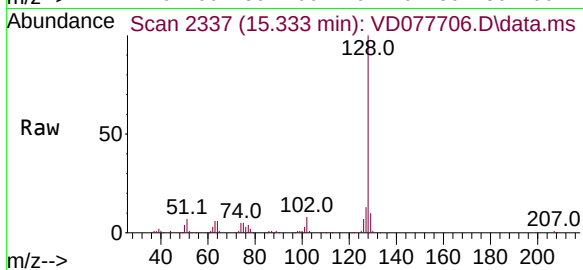
Tgt Ion:128 Resp: 239995

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.958 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD077706.D

Acq: 30 Nov 2023 09:54

Tgt Ion:180 Resp: 115192

Ion Ratio Lower Upper

180 100

182 92.3 77.3 115.9

145 29.4 25.2 37.8

