

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120523\
 Data File : VD077746.D
 Acq On : 05 Dec 2023 09:10
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 00:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 05 00:04:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	296221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	270930	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	137736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	148975	18.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.760%
7) Chloroethane-d5	2.811	69	133863	20.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	3.922	65	43313	20.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.720%
21) 2-Butanone-d5	6.987	46	42147	41.282	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.560%
24) Chloroform-d	7.575	84	193692	24.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.234	65	91318	22.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.320%
32) Benzene-d6	8.205	84	395458	24.236	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.210	67	117288	23.558	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.275	98	368634	24.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.528	79	50444	22.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.875	63	39730	46.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85591	23.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	120875	24.531	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	120606	25.504	ug/L	100
3) Chloromethane	2.152	50	152499	22.447	ug/L	99
5) Vinyl chloride	2.293	62	202134	23.887	ug/L	99
6) Bromomethane	2.705	94	110045	24.548	ug/L	94
8) Chloroethane	2.846	64	133853	25.340	ug/L	98
9) Trichlorofluoromethane	3.187	101	189183	26.212	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	114232	26.829	ug/L	96
12) 1,1-Dichloroethene	3.952	96	107067	26.571	ug/L	98
13) Acetone	4.028	43	58561	44.768	ug/L	98
14) Carbon disulfide	4.281	76	370437	25.942	ug/L	97
15) Methyl Acetate	4.564	43	37896	20.238	ug/L	94
16) Methylene chloride	4.811	84	108131	20.558	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	112351	26.743	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	219028	23.650	ug/L	99
19) 1,1-Dichloroethane	6.122	63	199835	25.238	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	120205	25.748	ug/L	98
23) Bromochloromethane	7.434	128	51192	26.338	ug/L	88
25) Chloroform	7.599	83	203834	26.148	ug/L	89
27) 1,2-Dichloroethane	8.328	62	117856	24.171	ug/L	98

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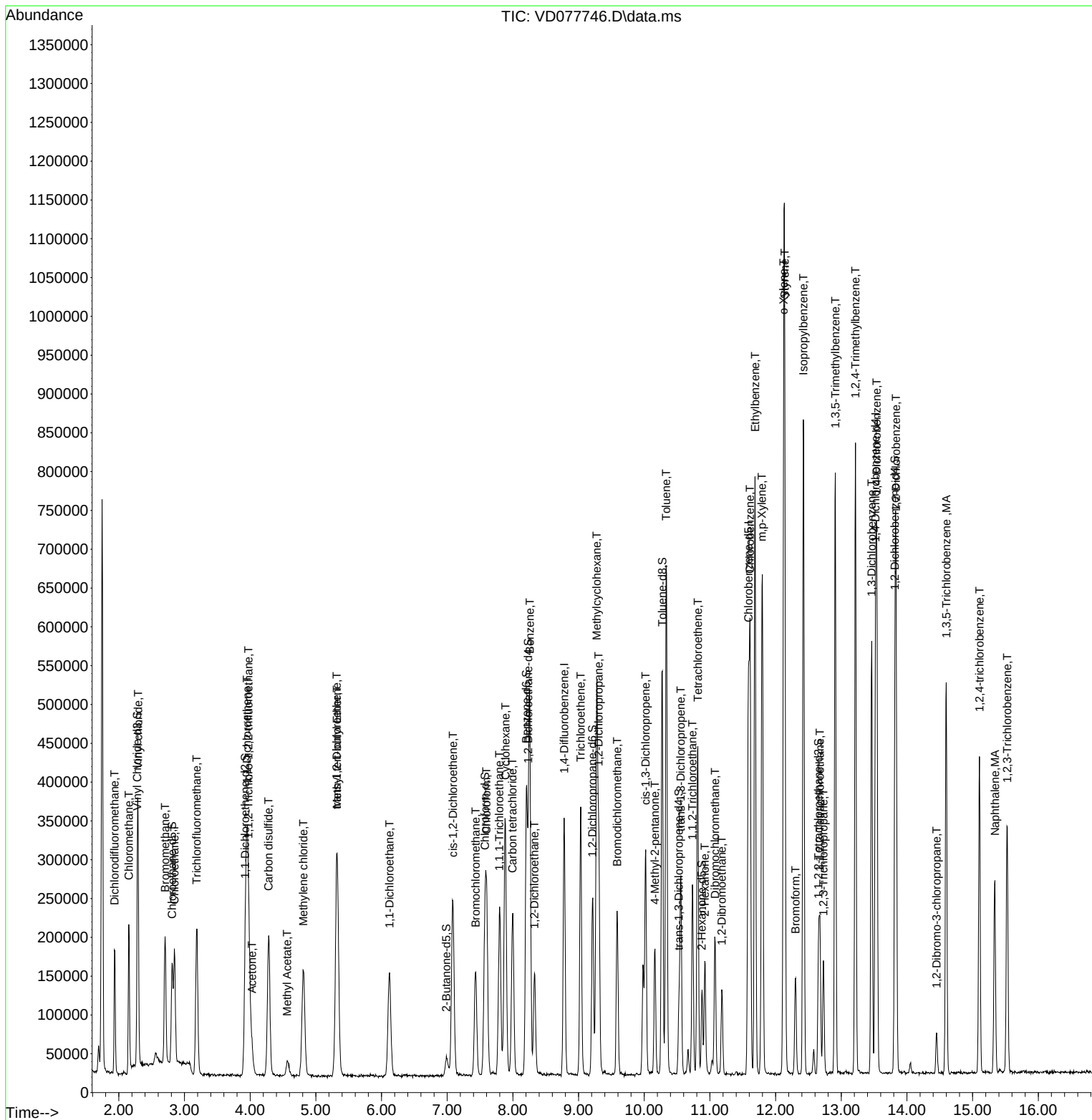
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 MSVOA_D
 ClientSampleId :

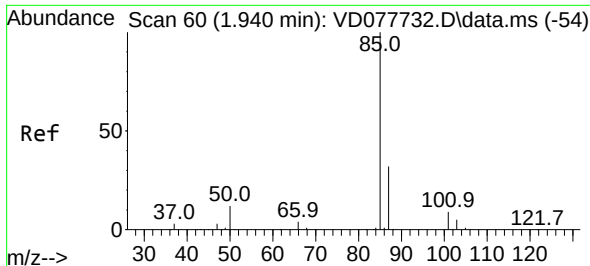
Quant Time: Dec 06 00:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 05 00:04:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.887	56	183663	25.690	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	178652	26.948	ug/L	99
31) Carbon tetrachloride	7.993	117	162978	27.955	ug/L	97
33) Benzene	8.257	78	467888	26.533	ug/L	100
34) Trichloroethene	9.034	95	117931	26.941	ug/L	95
35) Methylcyclohexane	9.275	83	213308	27.449	ug/L	96
37) 1,2-Dichloropropane	9.304	63	115202	25.056	ug/L	99
38) Bromodichloromethane	9.587	83	143075	25.590	ug/L	96
39) cis-1,3-Dichloropropene	10.022	75	179306	24.973	ug/L	94
40) 4-Methyl-2-pentanone	10.163	43	110865	43.697	ug/L	96
42) Toluene	10.334	91	510464	27.253	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	149630	24.950	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	79373	25.705	ug/L	96
46) Tetrachloroethene	10.816	164	98717	27.967	ug/L	98
48) 2-Hexanone	10.922	43	94324	43.739	ug/L	97
49) Dibromochloromethane	11.081	129	94382	25.706	ug/L	96
50) 1,2-Dibromoethane	11.181	107	72318	24.285	ug/L	96
51) Chlorobenzene	11.610	112	309576	26.655	ug/L	94
52) Ethylbenzene	11.687	91	553264	26.646	ug/L	99
53) m,p-Xylene	11.793	106	212898	27.136	ug/L	98
54) o-Xylene	12.122	106	204408	27.224	ug/L	93
55) Styrene	12.140	104	353877	26.934	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	86841	23.735	ug/L	97
59) Bromoform	12.304	173	56377	24.738	ug/L #	98
60) Isopropylbenzene	12.422	105	564097	27.439	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	60598	23.918	ug/L	97
62) 1,3,5-Trimethylbenzene	12.910	105	416436	26.970	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	424914	27.141	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	237644	26.729	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	244373	26.488	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	210511	26.313	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12751	21.344	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	160834	26.566	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	129843	25.263	ug/L	99
71) Naphthalene	15.339	128	220797	23.499	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	111860	24.827	ug/L	98

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

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Quant Title : SFAM01.0
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Response via : Initial Calibration

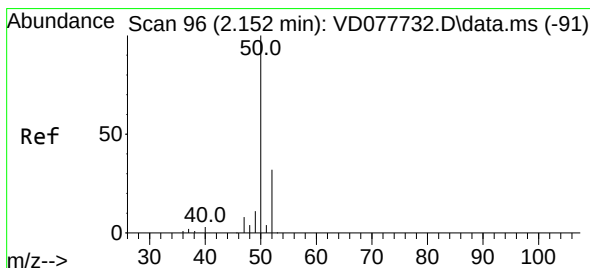
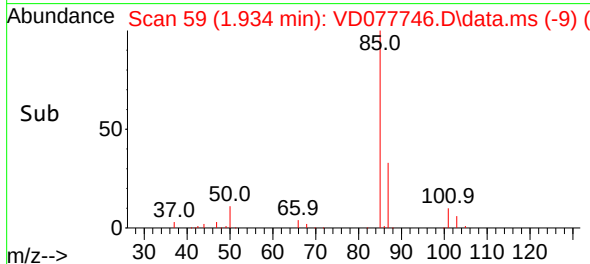
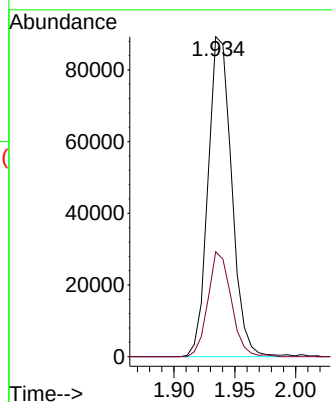
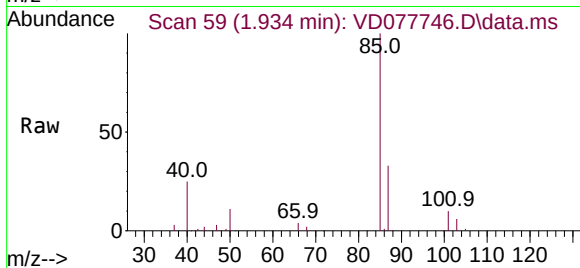




#2
Dichlorodifluoromethane
Concen: 25.504 ug/L
RT: 1.934 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

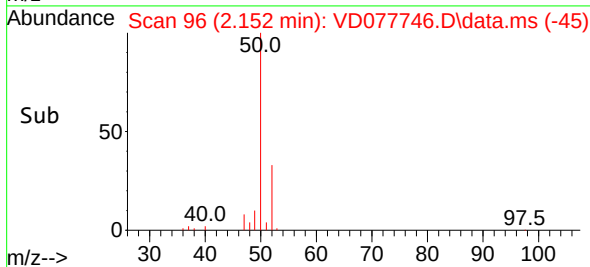
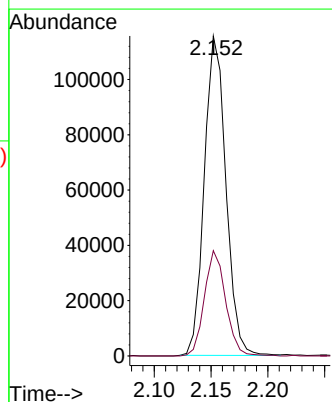
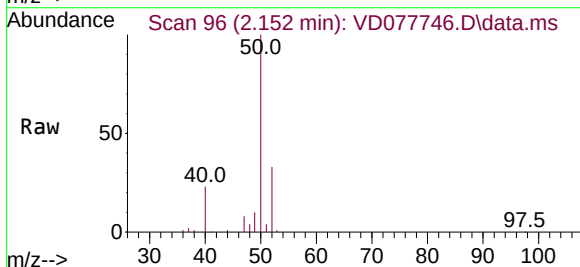
Instrument :
MSVOA_D
ClientSampleId :

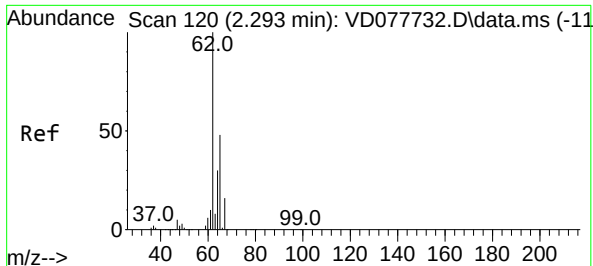
Tgt Ion: 85 Resp: 120606
Ion Ratio Lower Upper
85 100
87 32.2 25.6 38.4



#3
Chloromethane
Concen: 22.447 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 50 Resp: 152499
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

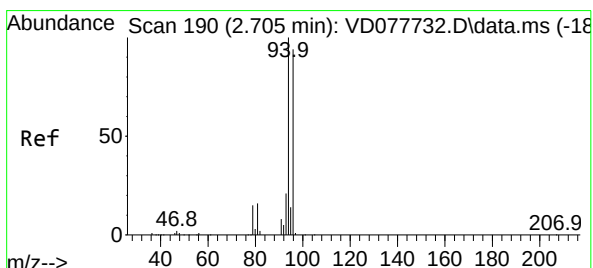
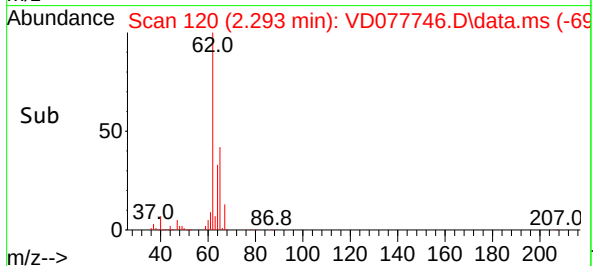
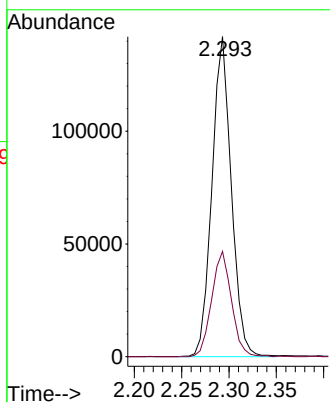
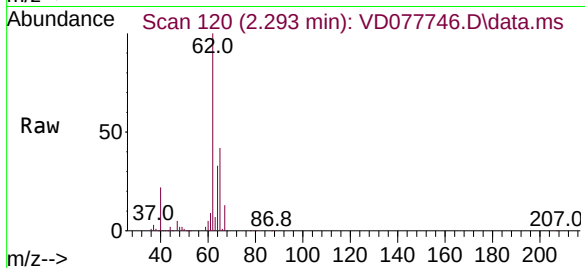




#5
 Vinyl chloride
 Concen: 23.887 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077746.D
 Acq: 05 Dec 2023 09:10

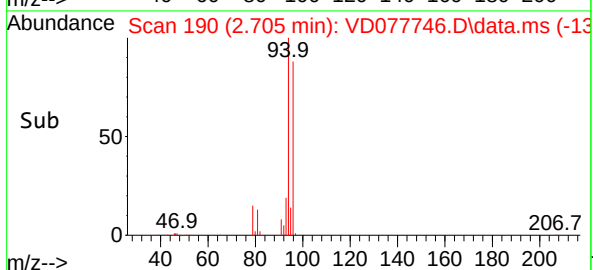
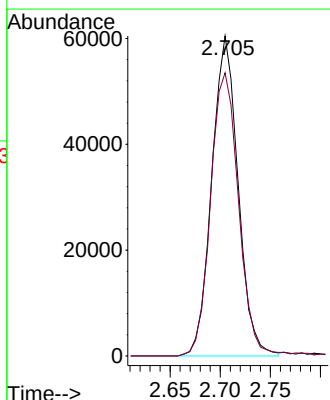
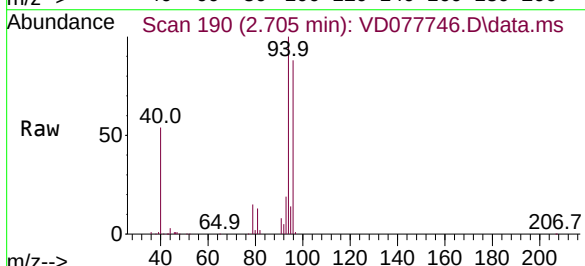
Instrument :
 MSVOA_D
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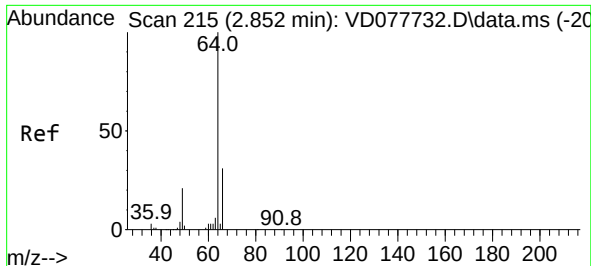
Tgt Ion: 62 Resp: 202134
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.6 42.0



#6
 Bromomethane
 Concen: 24.548 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.000 min
 Lab File: VD077746.D
 Acq: 05 Dec 2023 09:10

Tgt Ion: 94 Resp: 110045
 Ion Ratio Lower Upper
 94 100
 96 88.5 66.0 122.6

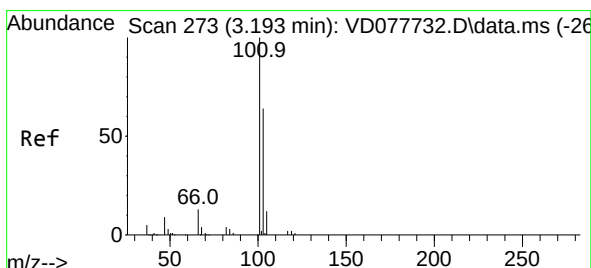
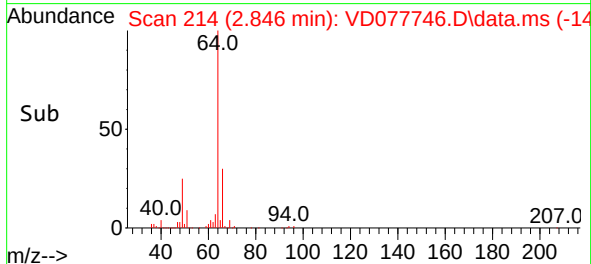
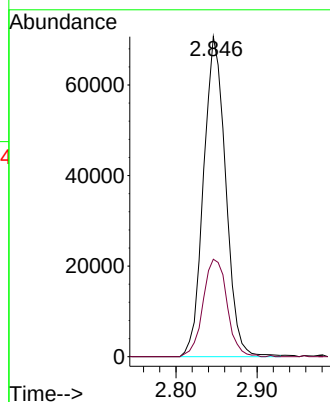
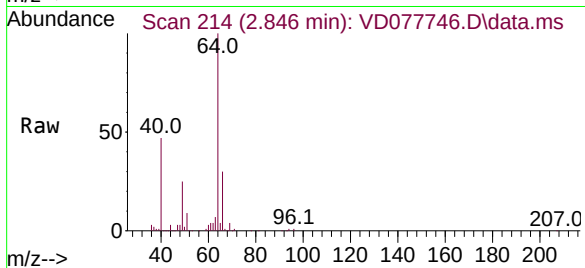




#8
Chloroethane
Concen: 25.340 ug/L
RT: 2.846 min Scan# 215
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

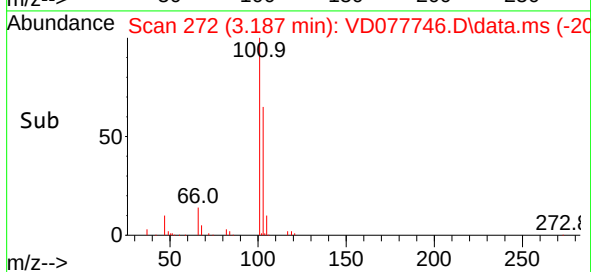
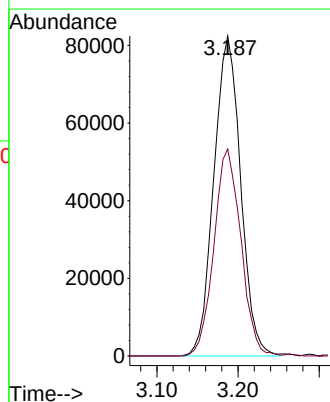
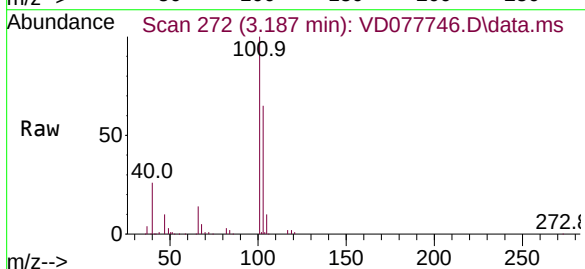
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MSVOA_D
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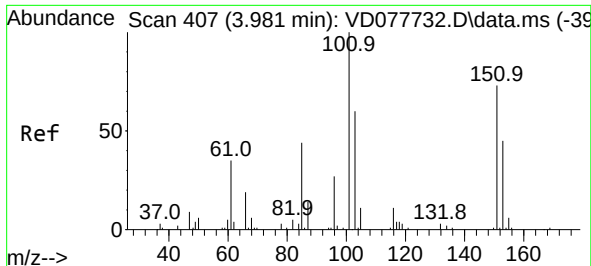
Tgt Ion: 64 Resp: 133853
Ion Ratio Lower Upper
64 100
66 30.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 26.212 ug/L
RT: 3.187 min Scan# 272
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion:101 Resp: 189183
Ion Ratio Lower Upper
101 100
103 64.9 52.5 78.7





#10

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

Concen: 26.829 ug/L

RT: 3.975 min Scan# 407

Delta R.T. -0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

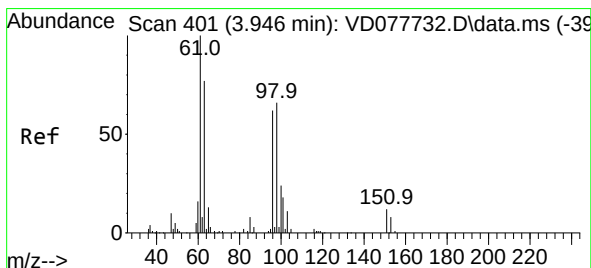
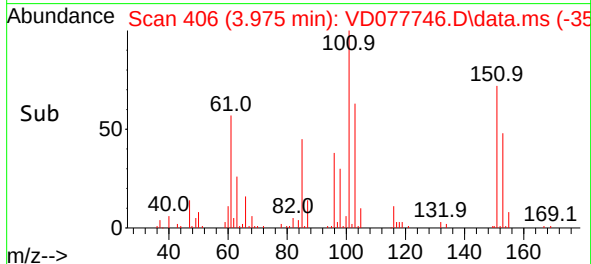
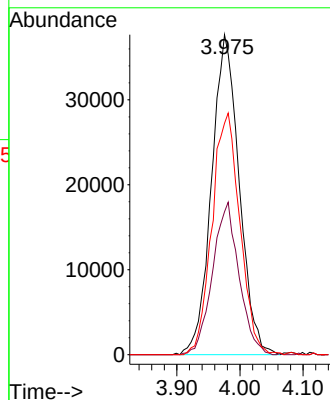
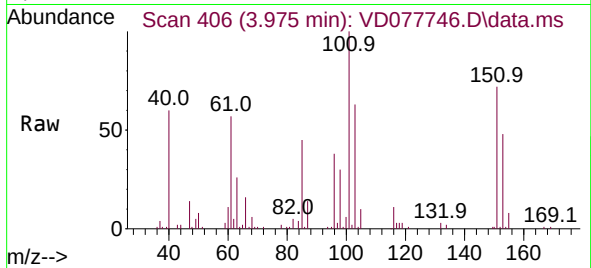
Tgt Ion:101 Resp: 114232

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.6

151 76.2 57.0 85.6



#12

1,1-Dichloroethene

Concen: 26.571 ug/L

RT: 3.952 min Scan# 402

Delta R.T. 0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

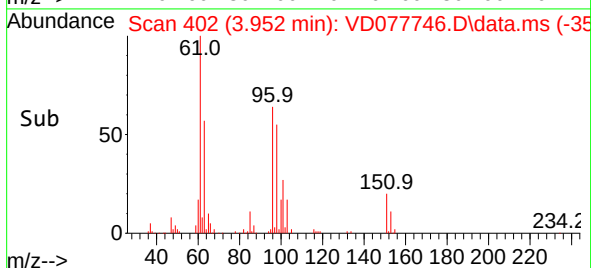
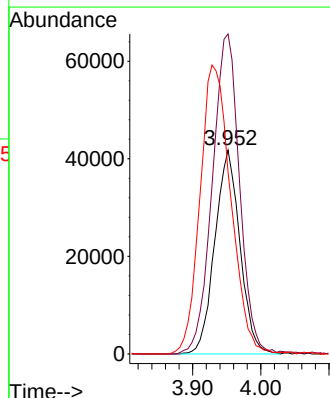
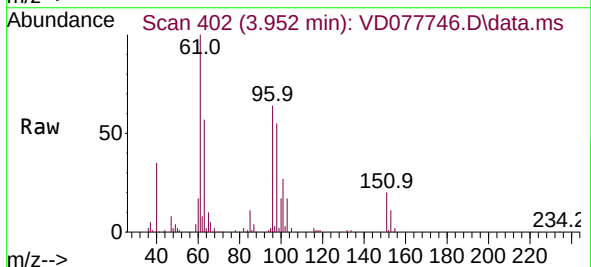
Tgt Ion: 96 Resp: 107067

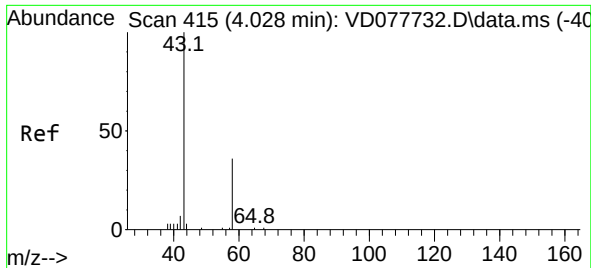
Ion Ratio Lower Upper

96 100

61 157.0 108.6 201.6

63 89.3 60.3 111.9





#13

Acetone

Concen: 44.768 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

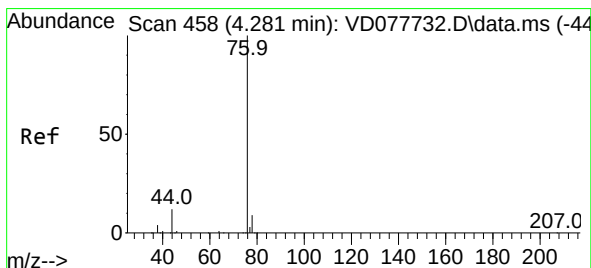
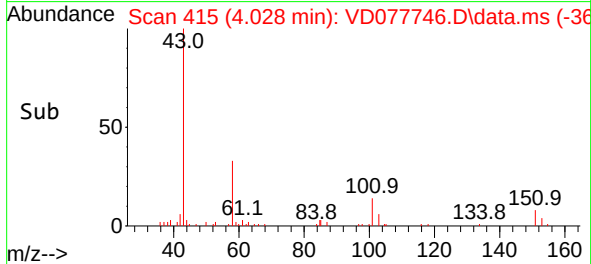
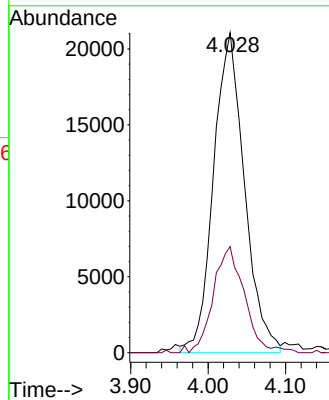
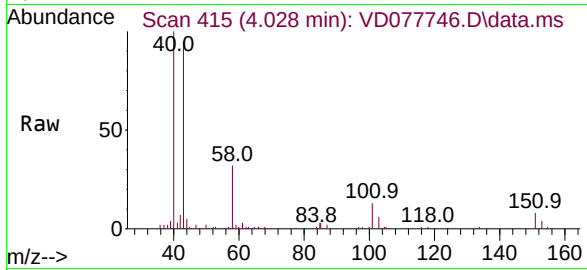
ClientSampleId :

Tgt Ion: 43 Resp: 58561

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.2



#14

Carbon disulfide

Concen: 25.942 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.000 min

Lab File: VD077746.D

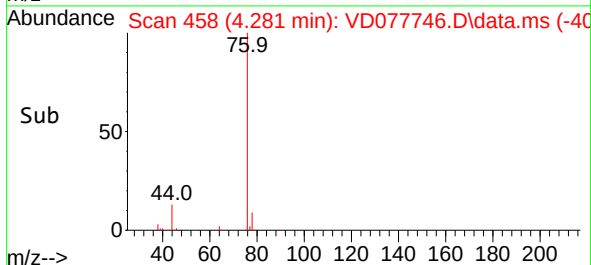
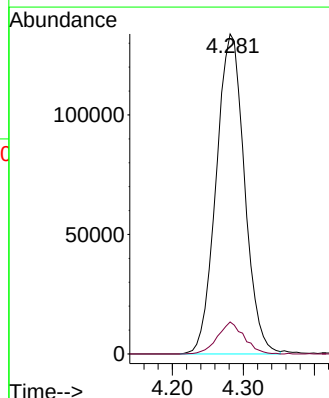
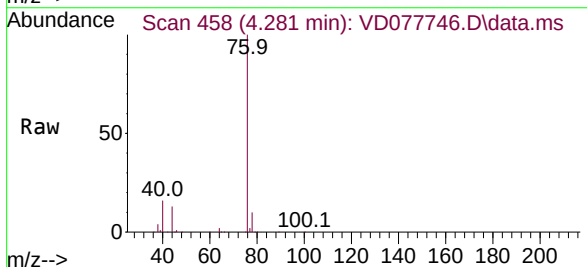
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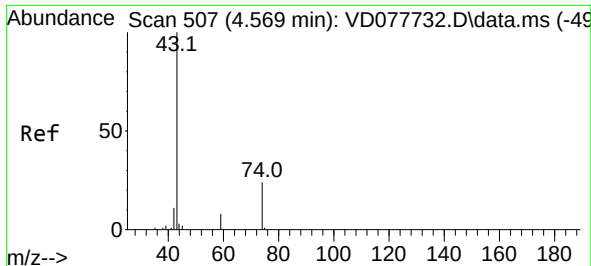
Tgt Ion: 76 Resp: 370437

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8

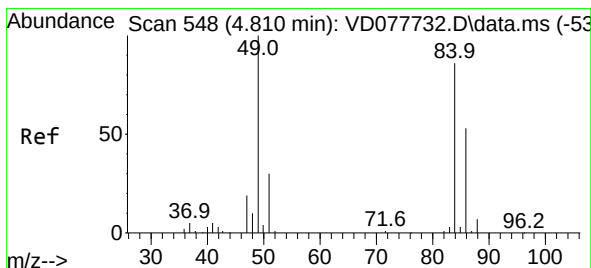
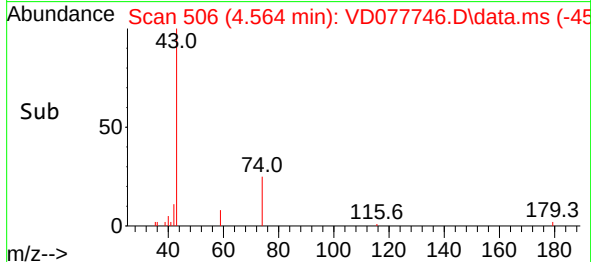
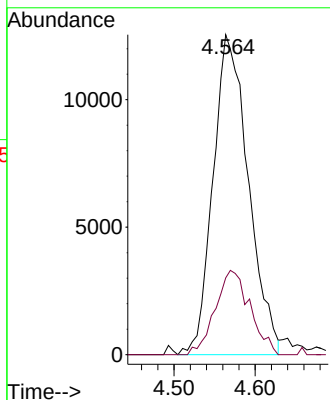
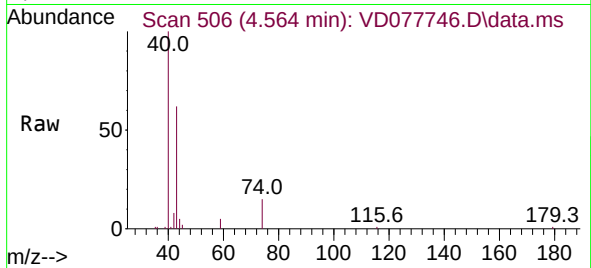




#15
Methyl Acetate
Concen: 20.238 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

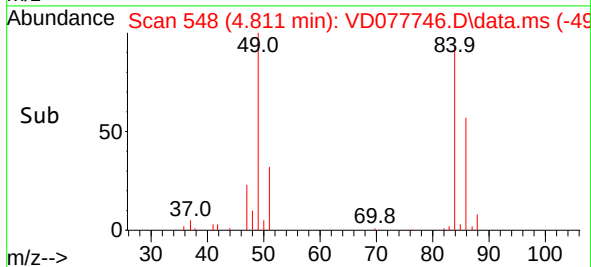
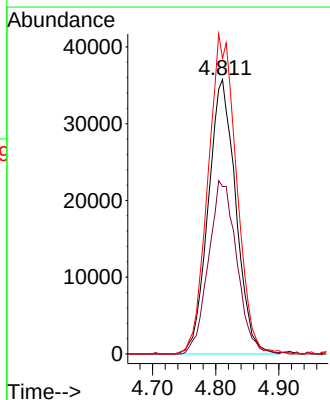
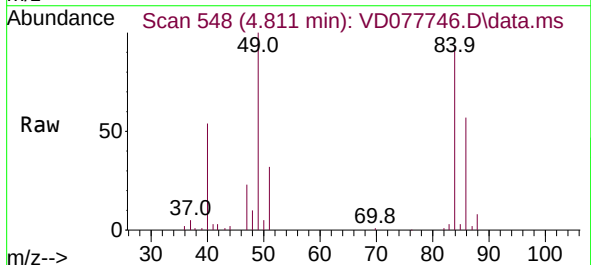
Instrument :
MSVOA_D
ClientSampleId :

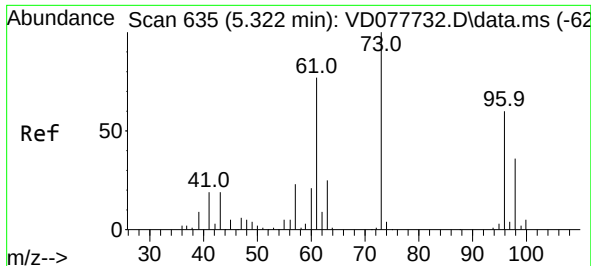
Tgt Ion: 43 Resp: 37896
Ion Ratio Lower Upper
43 100
74 26.0 18.6 27.8



#16
Methylene chloride
Concen: 20.558 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 84 Resp: 108131
Ion Ratio Lower Upper
84 100
86 61.1 40.1 74.5
49 107.7 83.2 154.6





#17

trans-1,2-Dichloroethene

Concen: 26.743 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

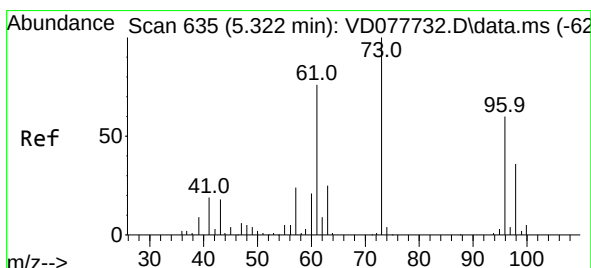
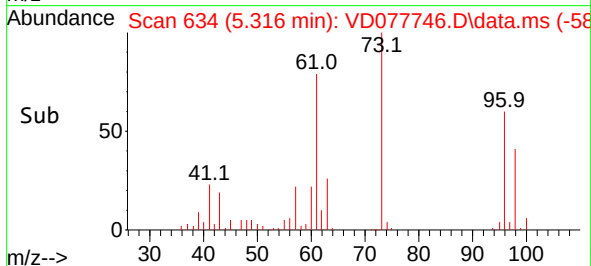
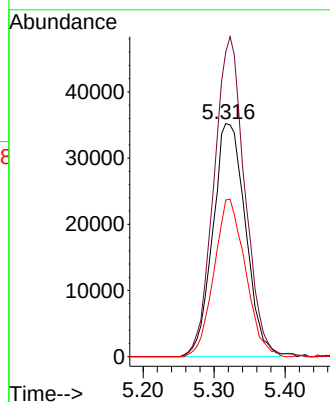
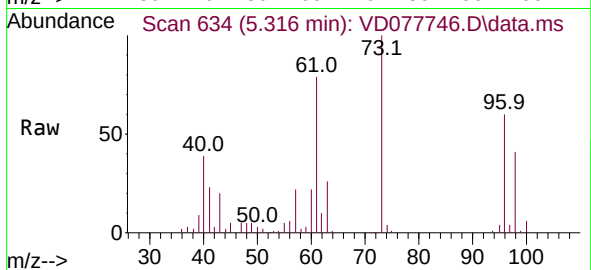
Tgt Ion: 96 Resp: 112351

Ion Ratio Lower Upper

96 100

61 130.8 92.3 171.3

98 67.2 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 23.650 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

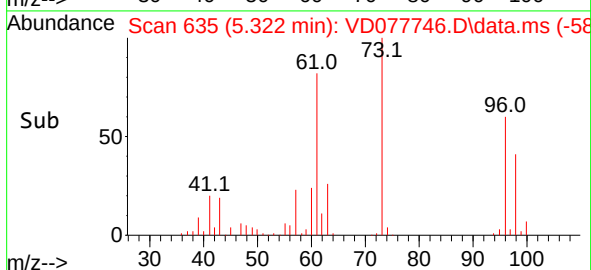
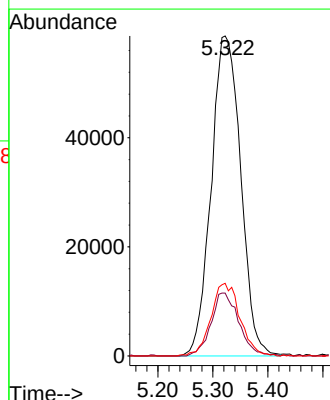
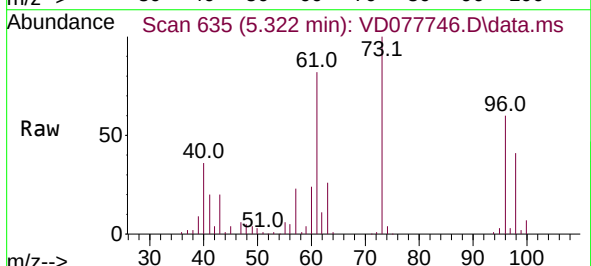
Tgt Ion: 73 Resp: 219028

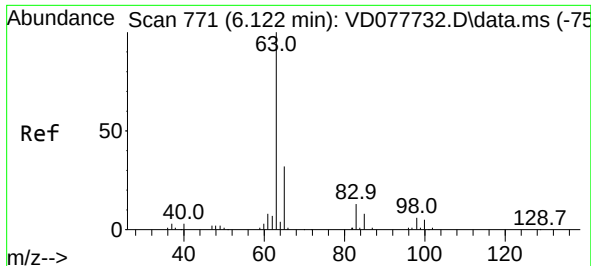
Ion Ratio Lower Upper

73 100

43 18.4 15.0 22.4

57 22.0 18.1 27.1

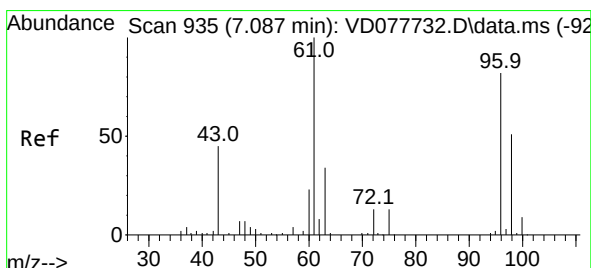
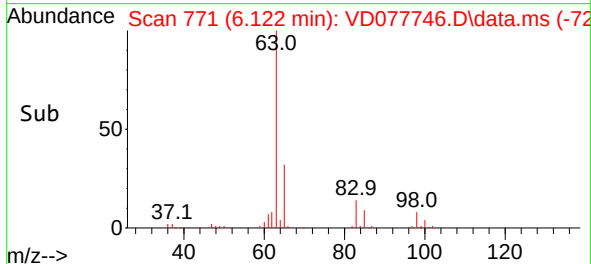
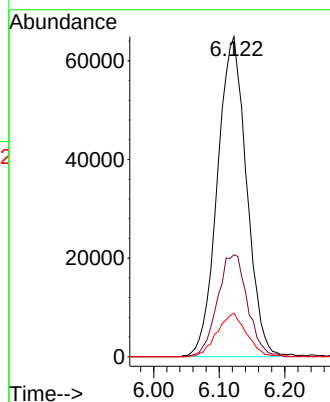
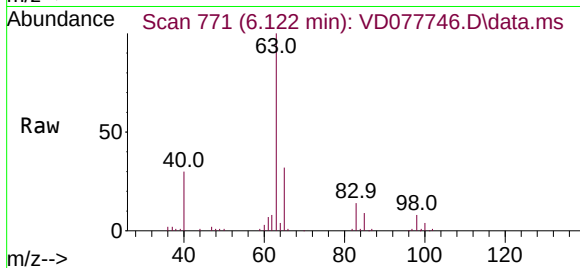




#19
1,1-Dichloroethane
Concen: 25.238 ug/L
RT: 6.122 min Scan# 771
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

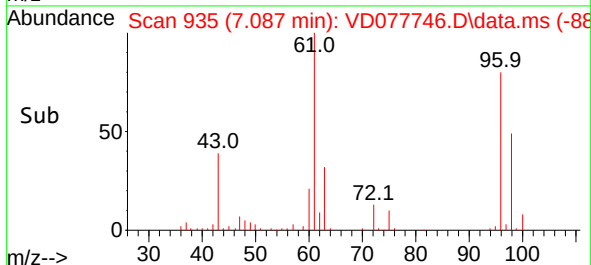
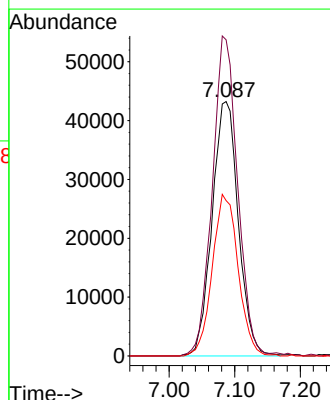
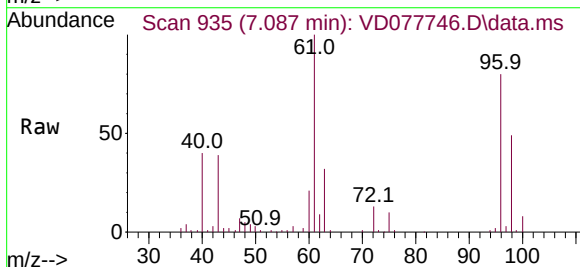
Instrument :
MSVOA_D
ClientSampleId :

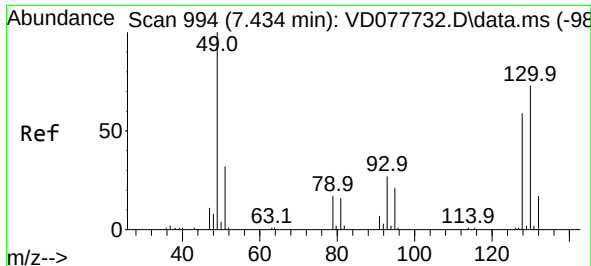
Tgt Ion: 63 Resp: 199835
Ion Ratio Lower Upper
63 100
65 31.9 20.9 38.9
83 13.6 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.748 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

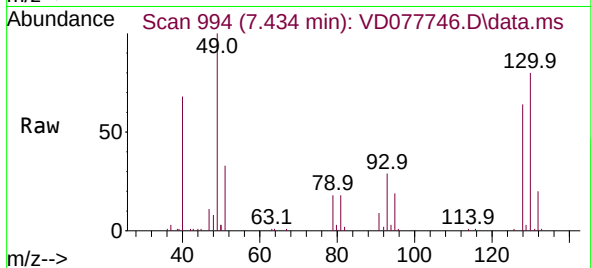
Tgt Ion: 96 Resp: 120205
Ion Ratio Lower Upper
96 100
61 124.3 88.1 163.5
98 61.1 44.1 81.9



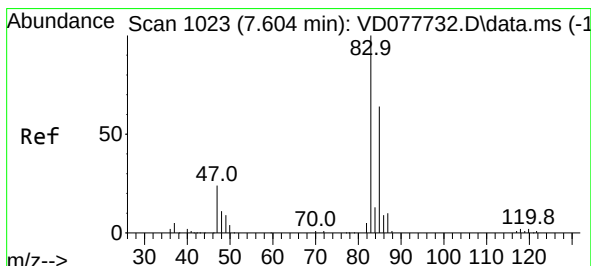
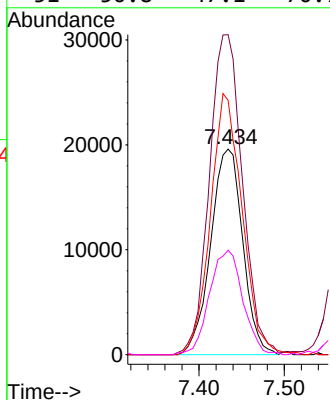
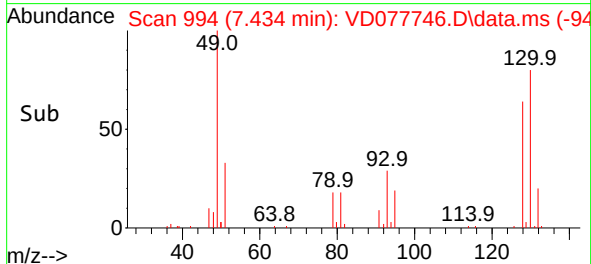


#23
Bromochloromethane
Concen: 26.338 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Instrument :
MSVOA_D
ClientSampleId :

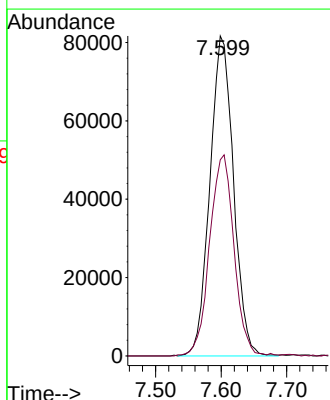
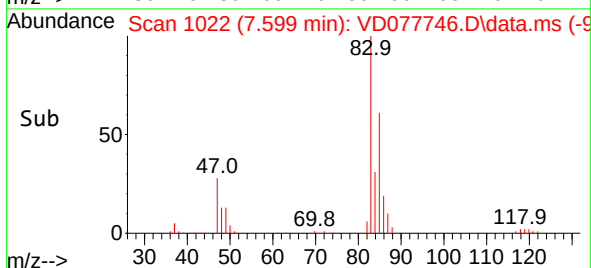
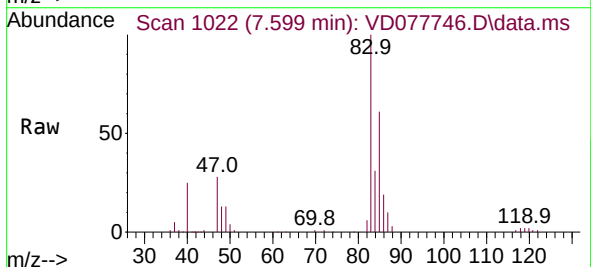


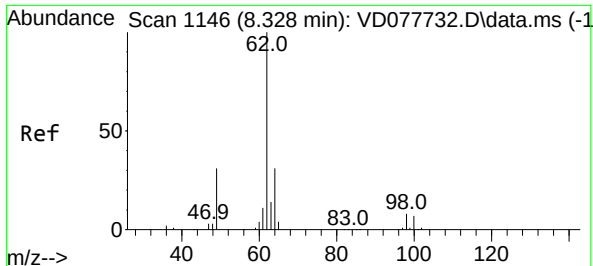
Tgt Ion:128 Resp: 51192
Ion Ratio Lower Upper
128 100
49 155.7 124.7 231.5
130 123.8 92.3 171.3
51 50.8 47.1 70.7



#25
Chloroform
Concen: 26.148 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 83 Resp: 203834
Ion Ratio Lower Upper
83 100
85 61.3 48.9 90.9





#27

1,2-Dichloroethane

Concen: 24.171 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

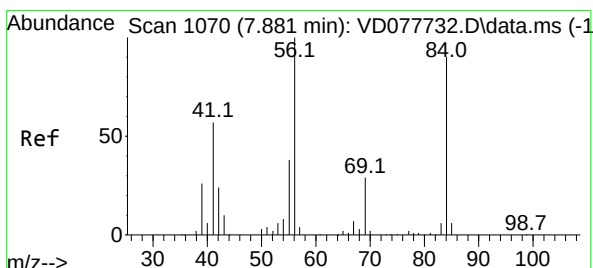
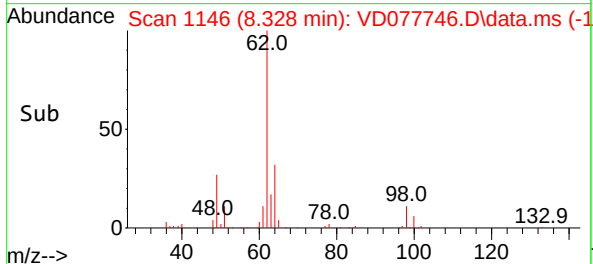
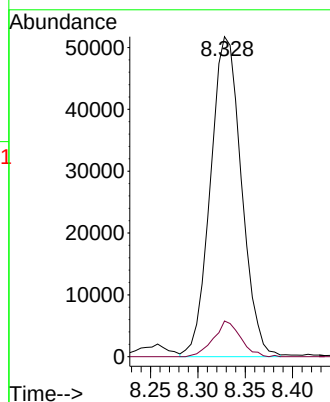
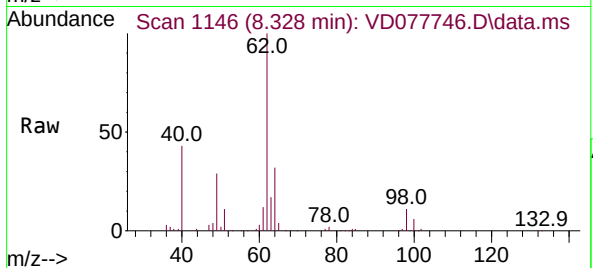
ClientSampleId :

Tgt Ion: 62 Resp: 117856

Ion Ratio Lower Upper

62 100

98 11.2 8.4 12.6



#29

Cyclohexane

Concen: 25.690 ug/L

RT: 7.887 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

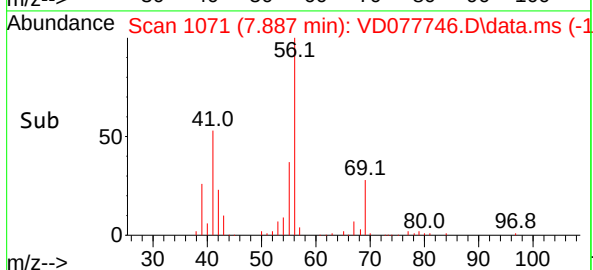
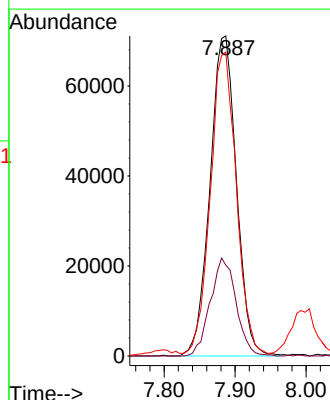
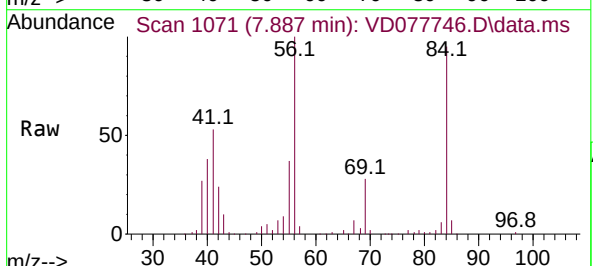
Tgt Ion: 56 Resp: 183663

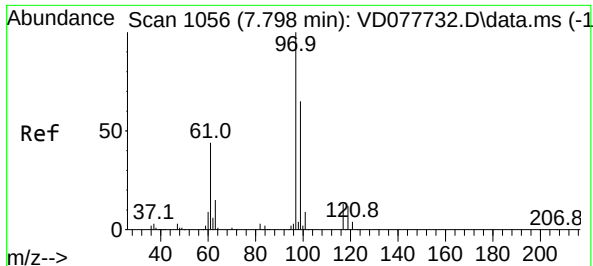
Ion Ratio Lower Upper

56 100

69 29.8 22.2 33.4

84 91.6 68.5 102.7





#30

1,1,1-Trichloroethane

Concen: 26.948 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

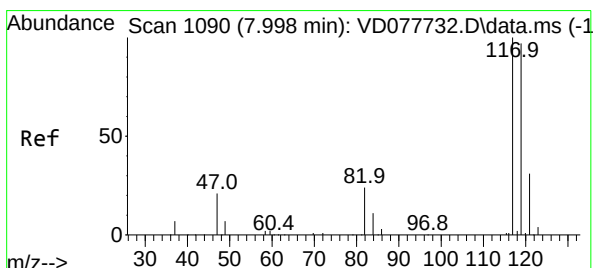
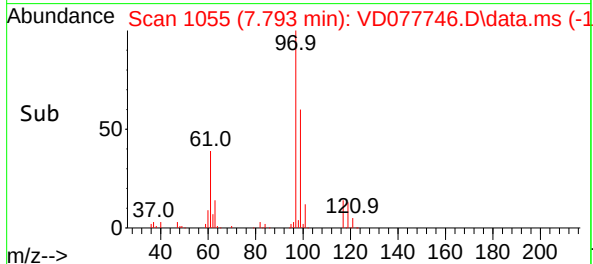
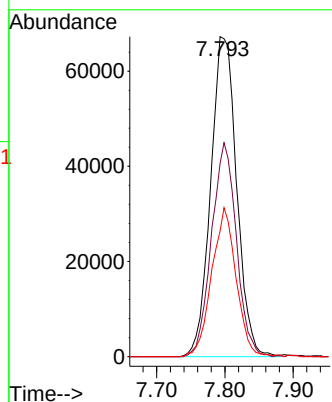
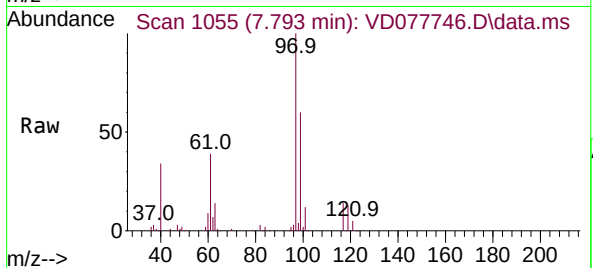
Tgt Ion: 97 Resp: 178652

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 43.5 35.4 53.2



#31

Carbon tetrachloride

Concen: 27.955 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD077746.D

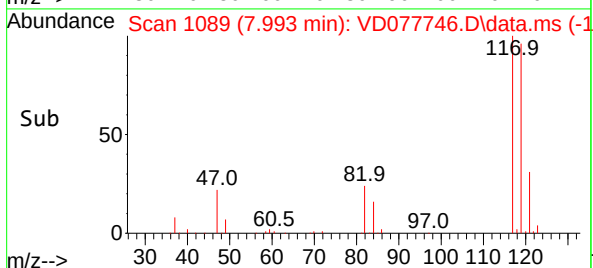
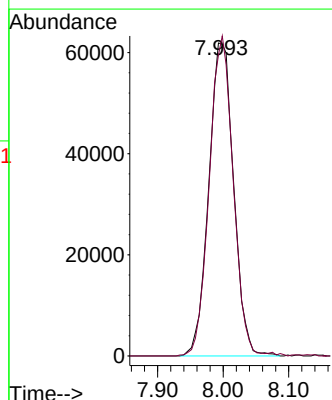
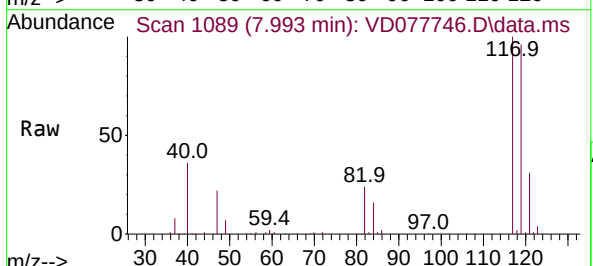
Acq: 05 Dec 2023 09:10

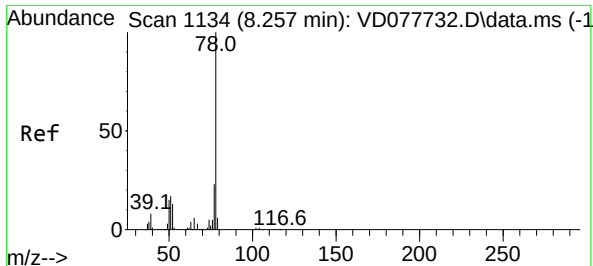
Tgt Ion: 117 Resp: 162978

Ion Ratio Lower Upper

117 100

119 97.9 76.3 114.5

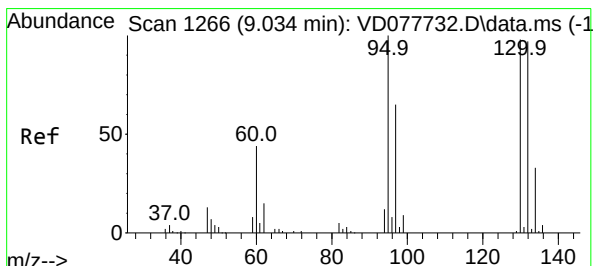
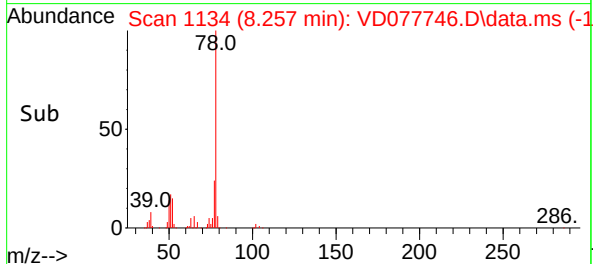
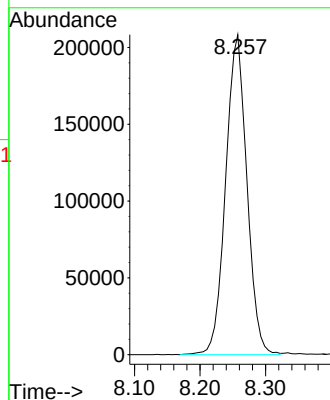
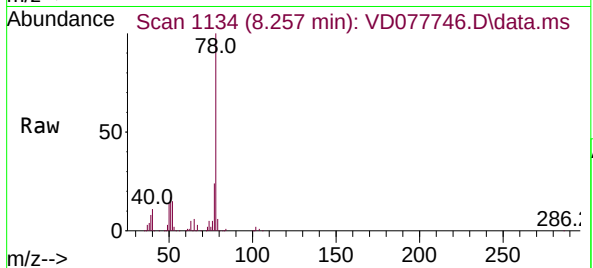




#33
Benzene
Concen: 26.533 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Instrument :
MSVOA_D
ClientSampleId :

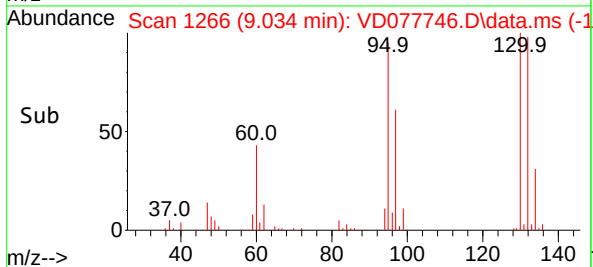
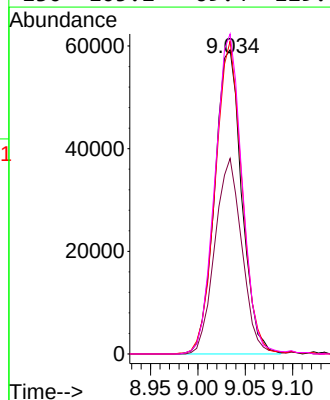
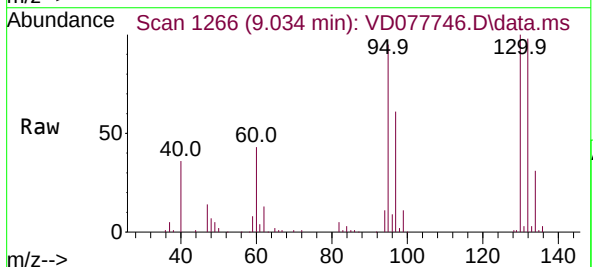
Tgt Ion: 78 Resp: 467888

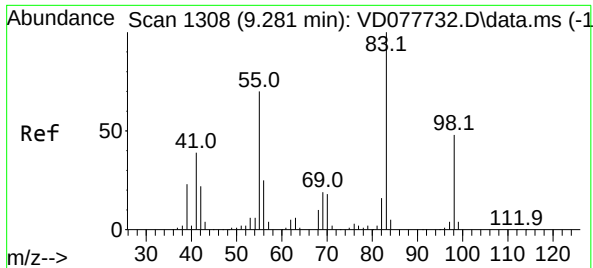


#34
Trichloroethene
Concen: 26.941 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 95 Resp: 117931

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.2	82.0
132	102.9	67.5	125.3
130	105.2	69.4	129.0





#35

Methylcyclohexane

Concen: 27.449 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

ClientSampleId :

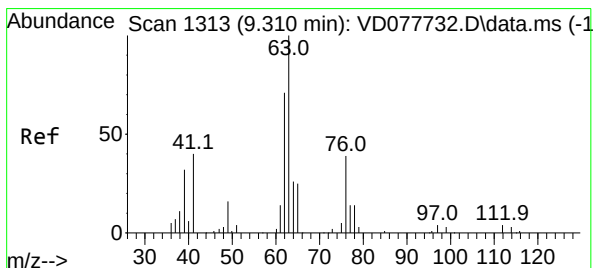
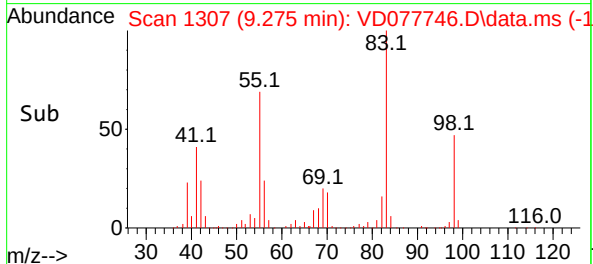
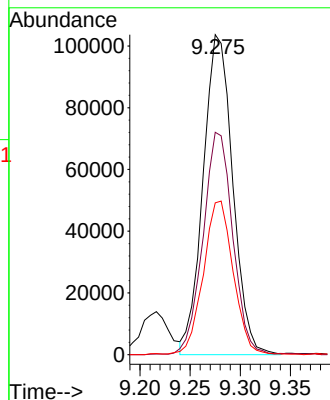
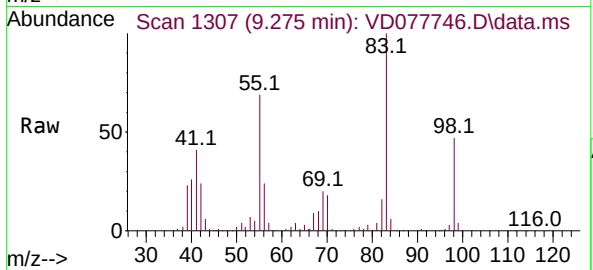
Tgt Ion: 83 Resp: 213308

Ion Ratio Lower Upper

83 100

55 69.4 59.8 89.6

98 48.5 38.5 57.7



#37

1,2-Dichloropropane

Concen: 25.056 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD077746.D

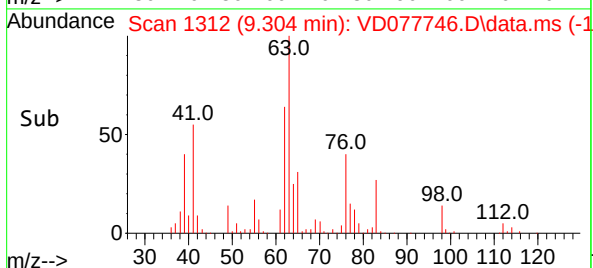
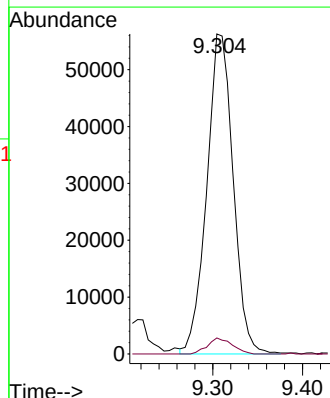
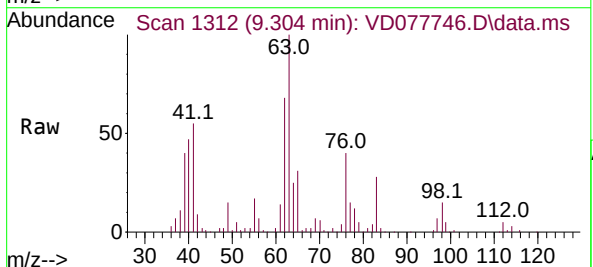
Acq: 05 Dec 2023 09:10

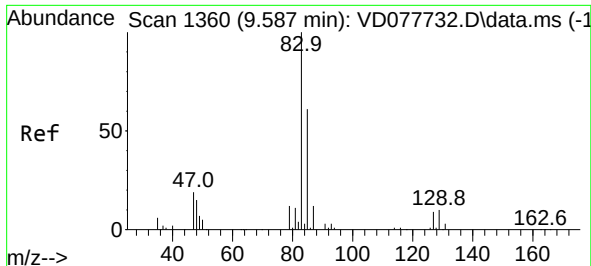
Tgt Ion: 63 Resp: 115202

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3

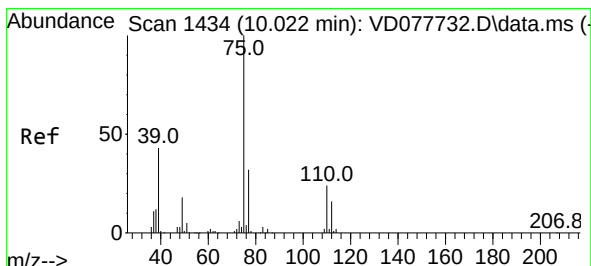
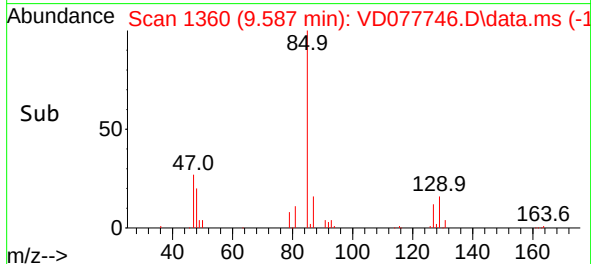
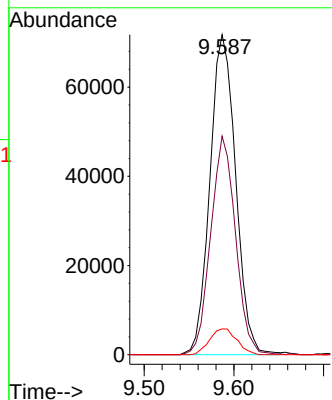
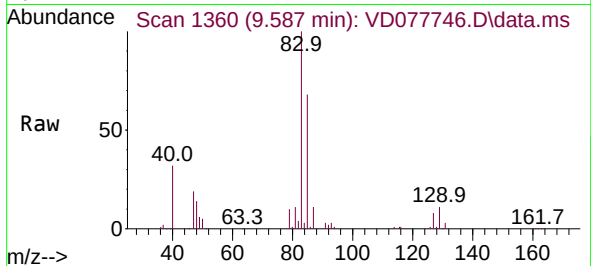




#38
Bromodichloromethane
Concen: 25.590 ug/L
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

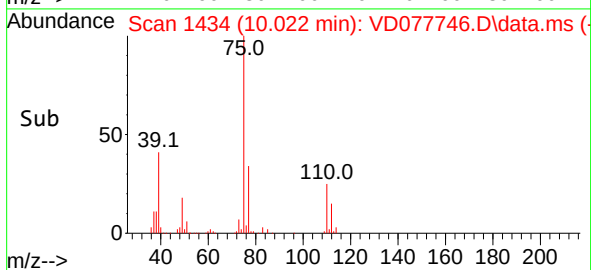
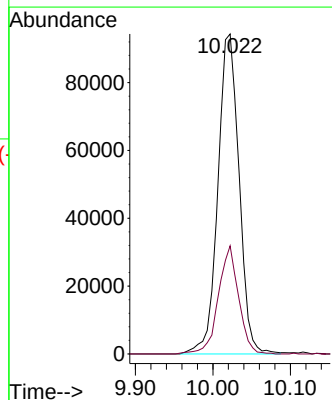
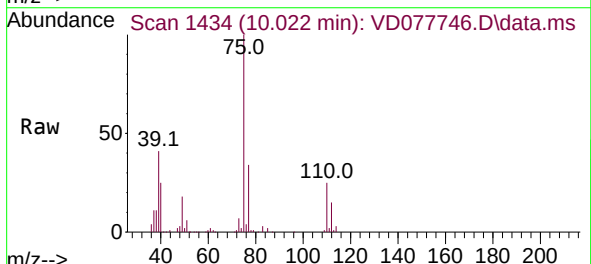
Instrument :
MSVOA_D
ClientSampleId :

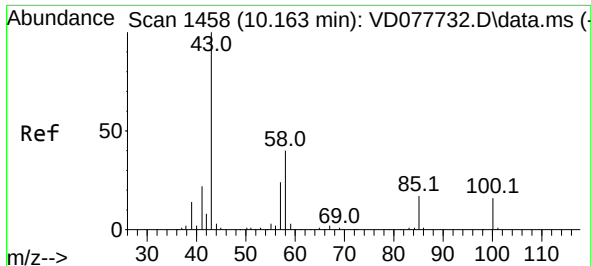
Tgt Ion: 83 Resp: 143075
Ion Ratio Lower Upper
83 100
85 68.3 45.5 84.5
127 8.1 7.4 11.2



#39
cis-1,3-Dichloropropene
Concen: 24.973 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 75 Resp: 179306
Ion Ratio Lower Upper
75 100
77 33.8 21.2 39.4

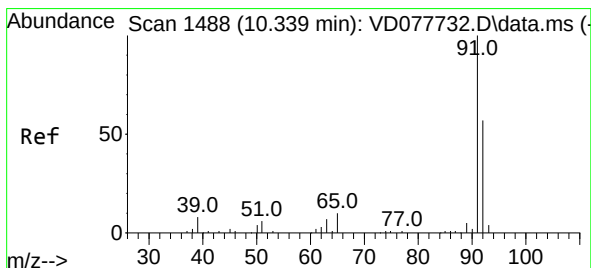
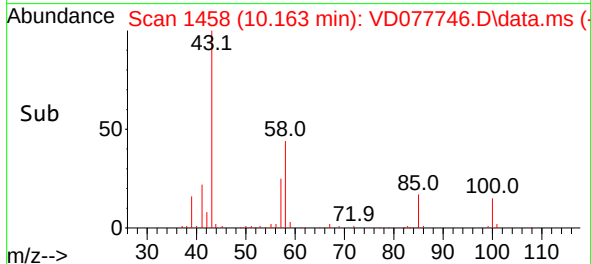
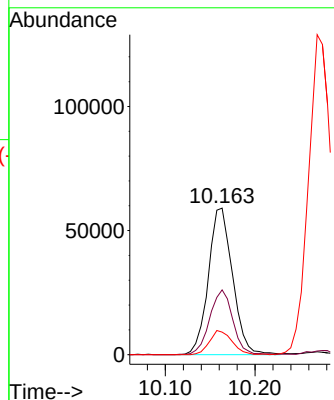
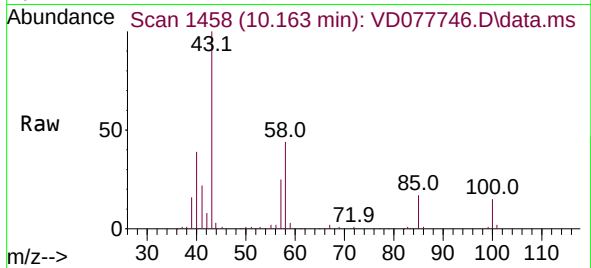




#40
4-Methyl-2-pentanone
Concen: 43.697 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

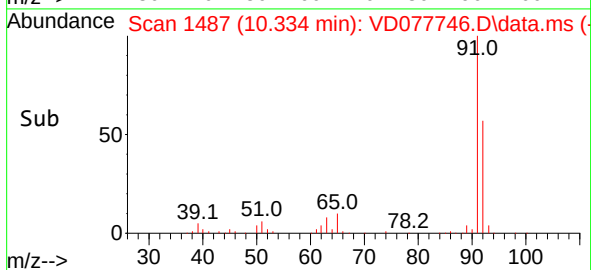
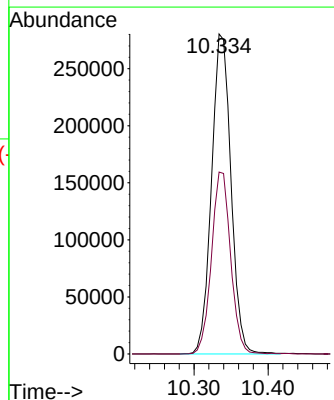
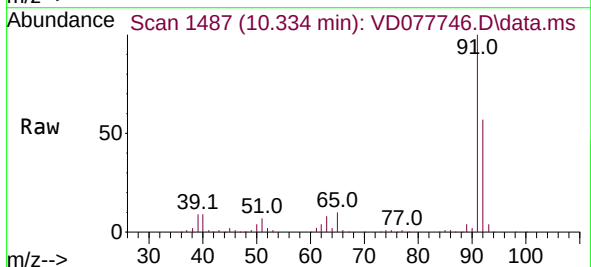
Instrument :
MSVOA_D
ClientSampleId :

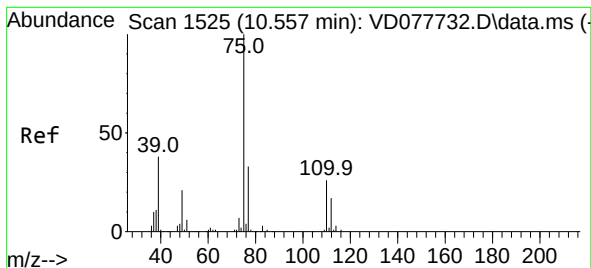
Tgt Ion: 43 Resp: 110865
Ion Ratio Lower Upper
43 100
58 42.1 31.0 46.4
100 15.2 11.9 17.9



#42
Toluene
Concen: 27.253 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 91 Resp: 510464
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.3





#44

trans-1,3-Dichloropropene

Concen: 24.950 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

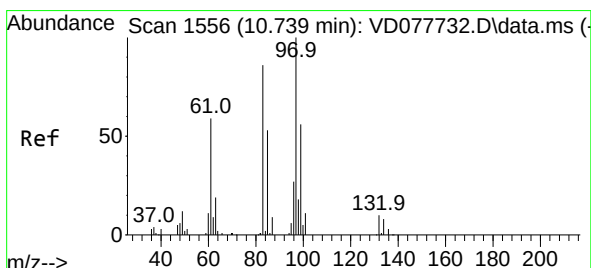
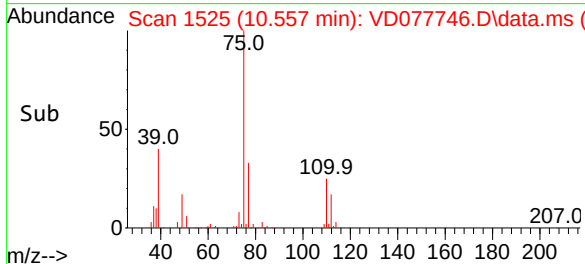
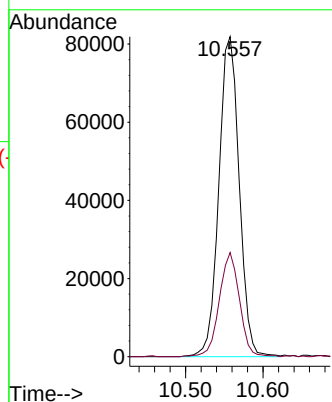
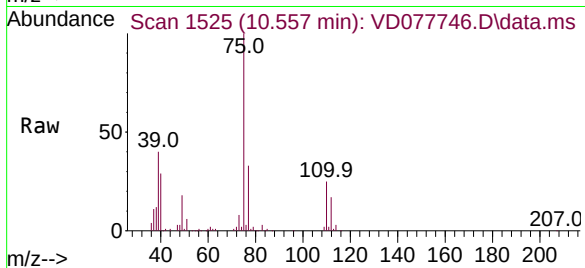
ClientSampleId :

Tgt Ion: 75 Resp: 149630

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 25.705 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Tgt Ion: 97 Resp: 79373

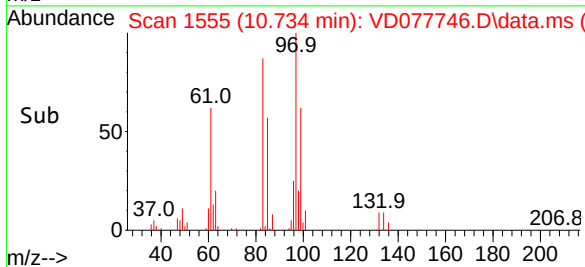
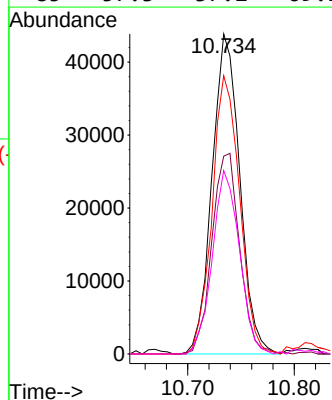
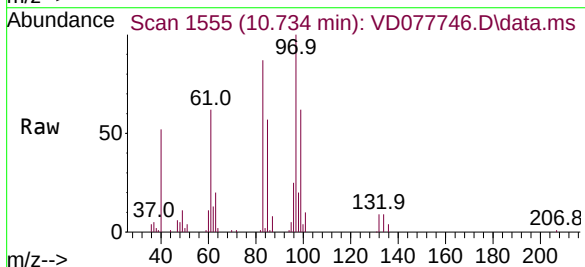
Ion Ratio Lower Upper

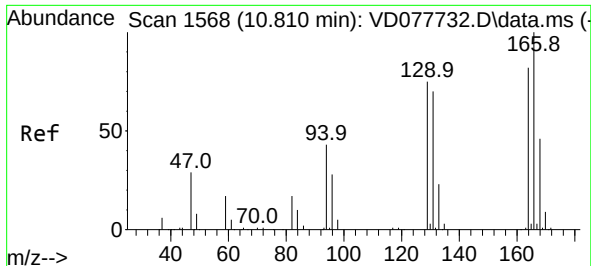
97 100

99 61.8 41.7 77.5

83 86.9 63.6 118.2

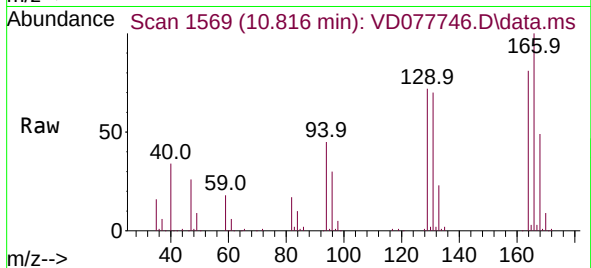
85 57.3 37.2 69.2



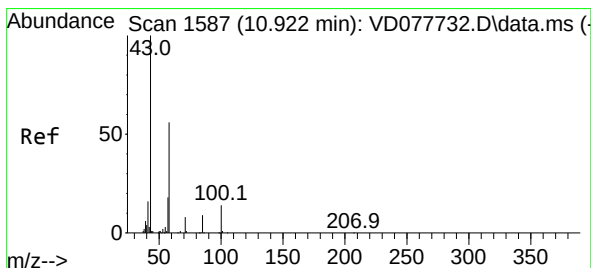
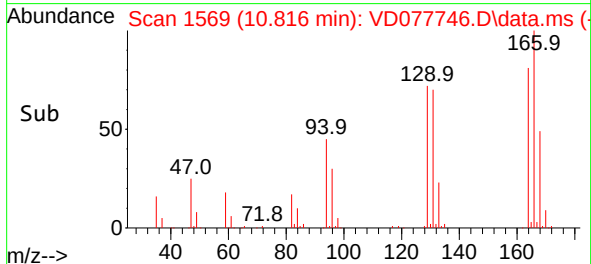
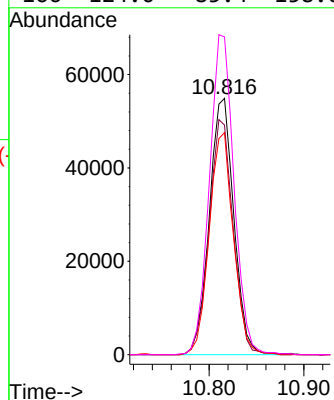


#46
Tetrachloroethene
Concen: 27.967 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Instrument :
MSVOA_D
ClientSampleId :

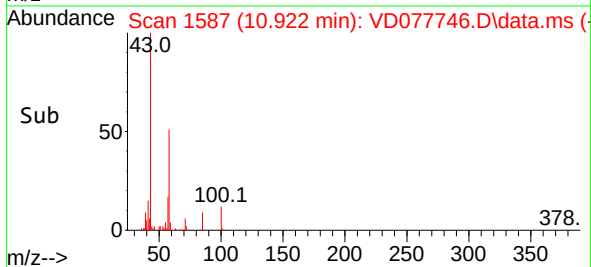
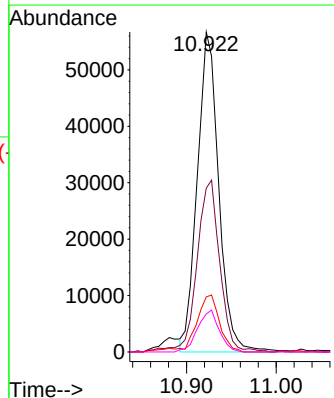
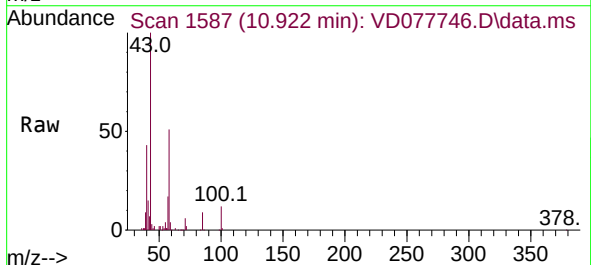


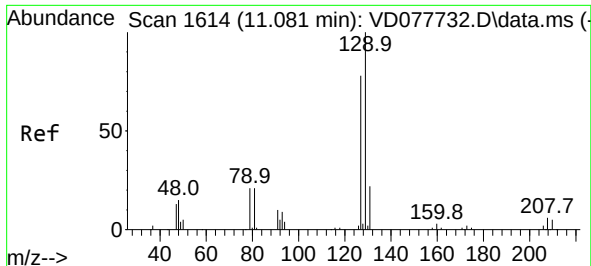
Tgt Ion:164 Resp: 98717
Ion Ratio Lower Upper
164 100
129 89.6 61.5 114.3
131 86.7 59.1 109.9
166 124.0 85.4 158.6



#48
2-Hexanone
Concen: 43.739 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 43 Resp: 94324
Ion Ratio Lower Upper
43 100
58 56.4 43.0 64.6
57 18.1 13.8 20.8
100 13.1 9.0 13.4





#49

Dibromochloromethane

Concen: 25.706 ug/L

RT: 11.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

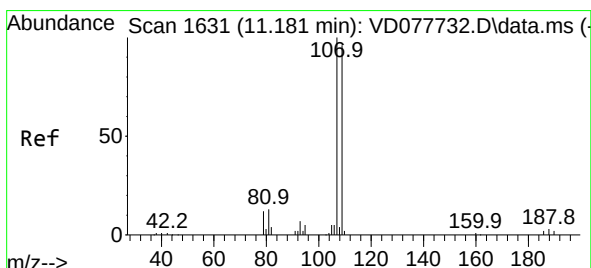
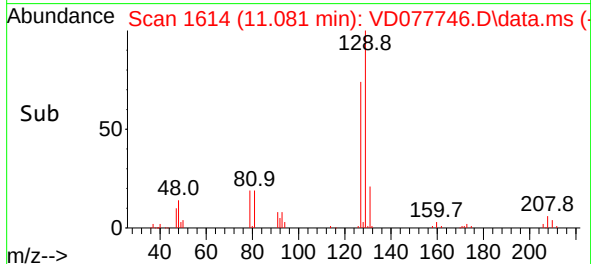
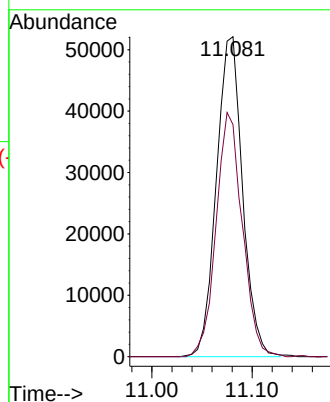
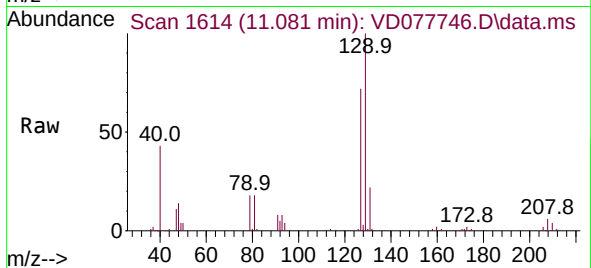
ClientSampleId :

Tgt Ion:129 Resp: 94382

Ion Ratio Lower Upper

129 100

127 72.5 52.8 98.2



#50

1,2-Dibromoethane

Concen: 24.285 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

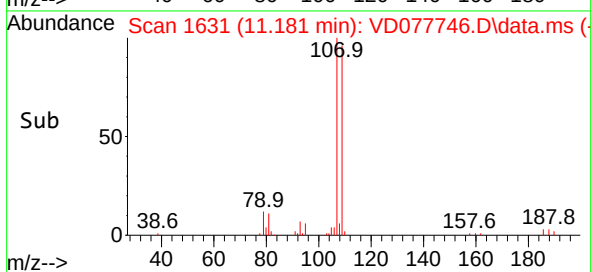
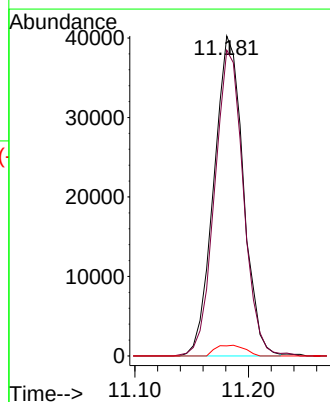
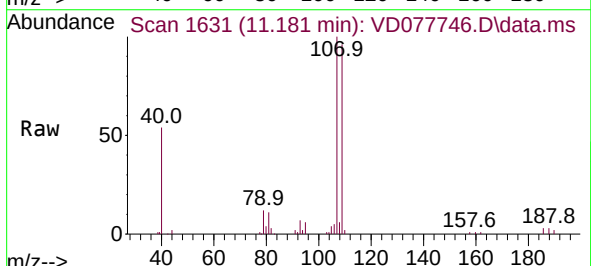
Tgt Ion:107 Resp: 72318

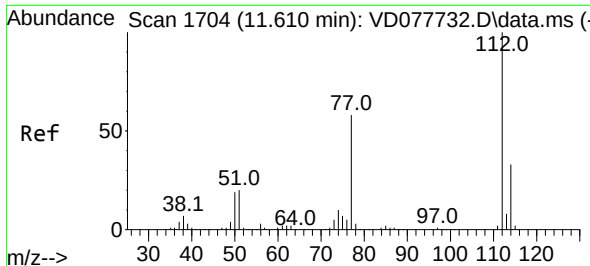
Ion Ratio Lower Upper

107 100

109 95.5 64.2 119.2

188 3.2 2.3 3.5

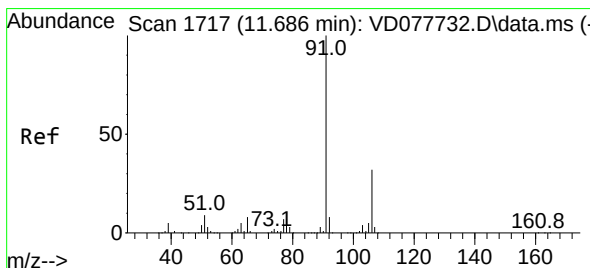
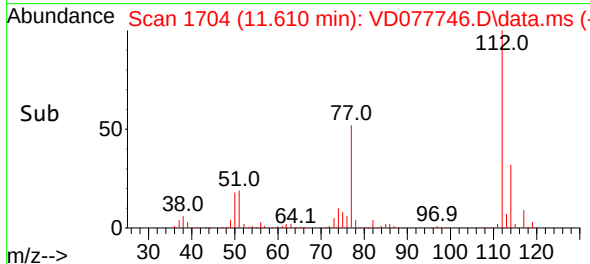
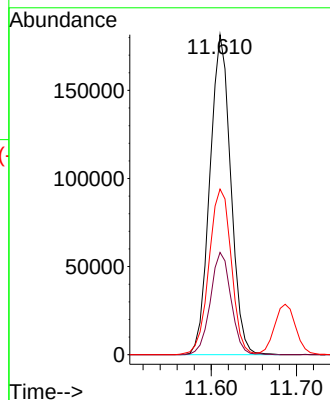
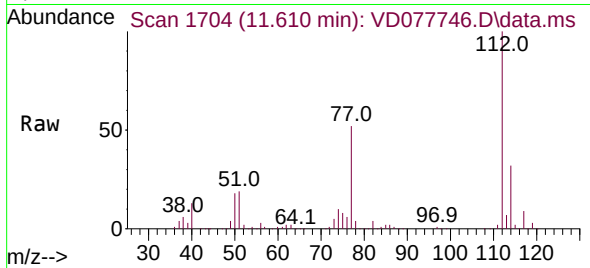




#51
Chlorobenzene
Concen: 26.655 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

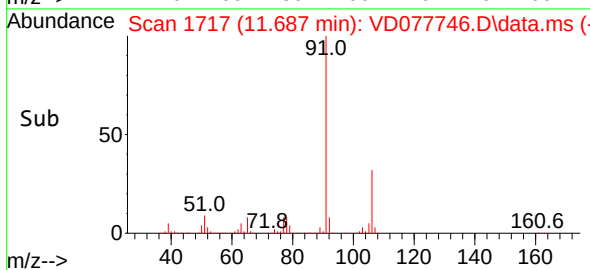
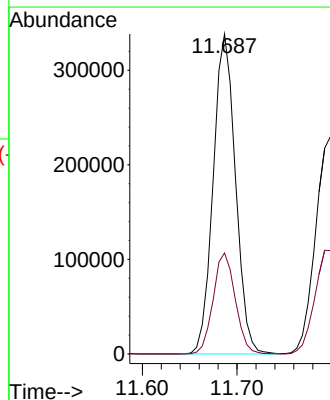
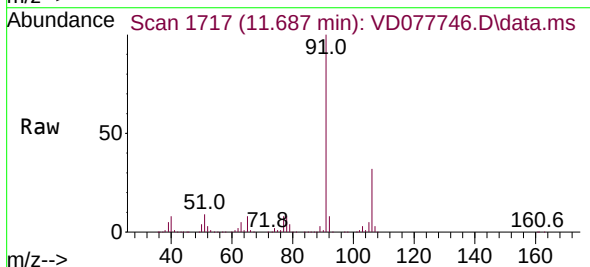
Instrument :
MSVOA_D
ClientSampleId :

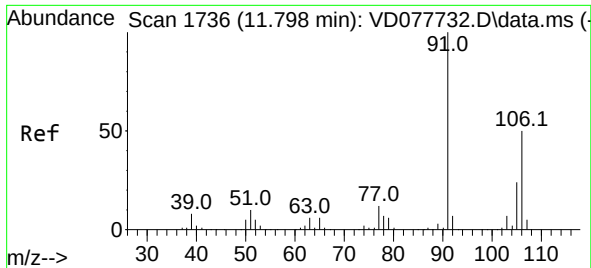
Tgt Ion:112 Resp: 309576
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 51.8 46.4 69.6



#52
Ethylbenzene
Concen: 26.646 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion: 91 Resp: 553264
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6

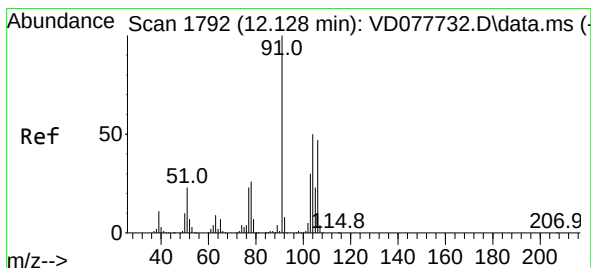
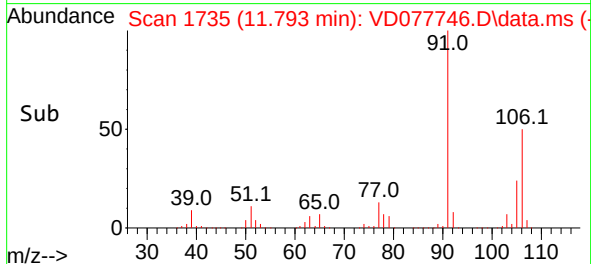
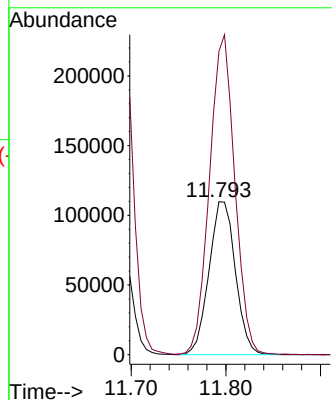
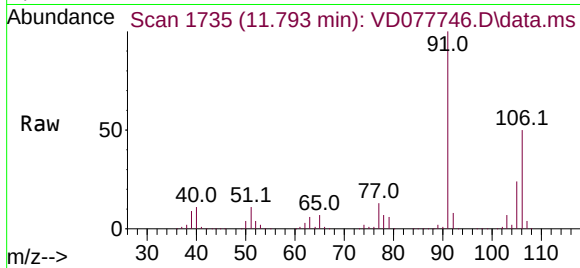




#53
m,p-Xylene
Concen: 27.136 ug/L
RT: 11.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

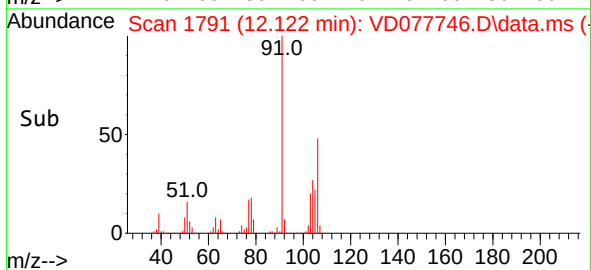
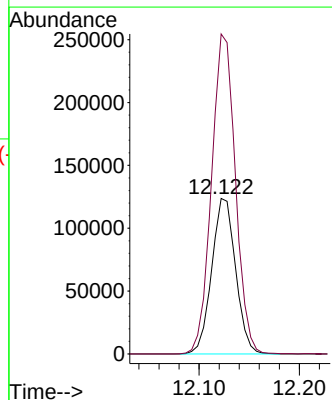
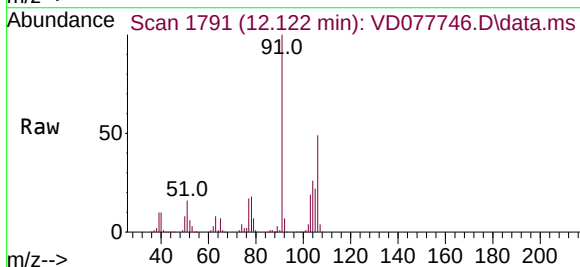
Instrument :
MSVOA_D
ClientSampleId :

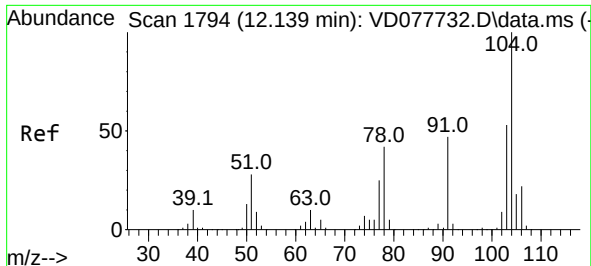
Tgt Ion:106 Resp: 212898
Ion Ratio Lower Upper
106 100
91 198.3 140.8 261.6



#54
o-Xylene
Concen: 27.224 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion:106 Resp: 204408
Ion Ratio Lower Upper
106 100
91 205.8 152.2 282.7

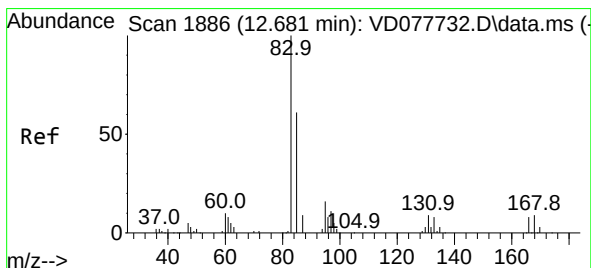
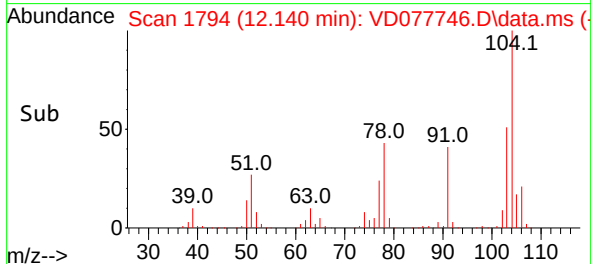
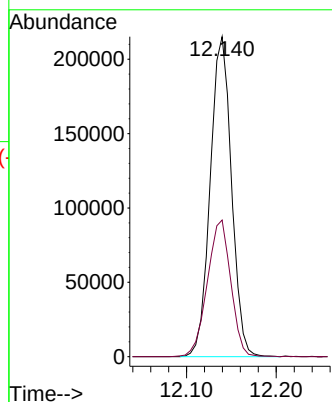
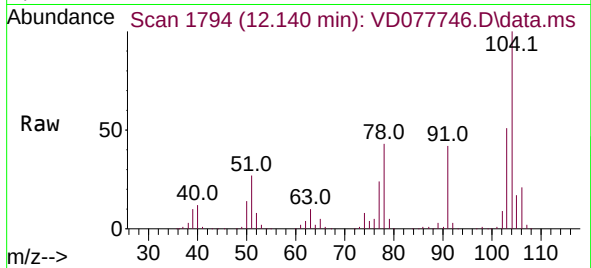




#55
Styrene
Concen: 26.934 ug/L
RT: 12.140 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

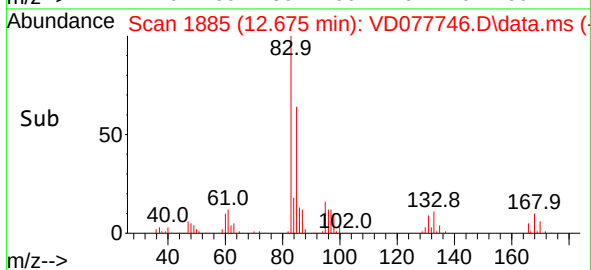
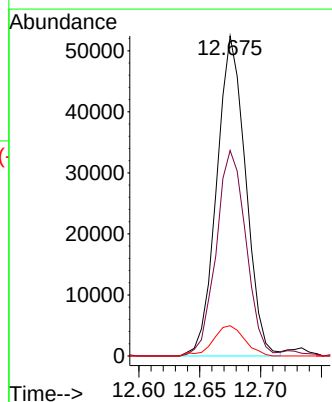
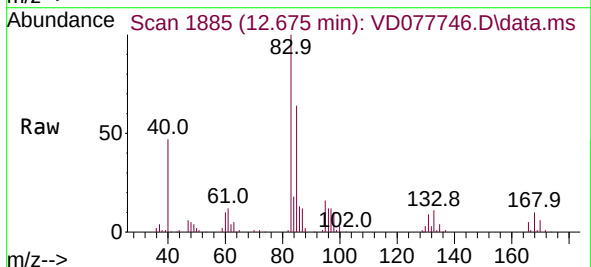
Instrument :
MSVOA_D
ClientSampleId :

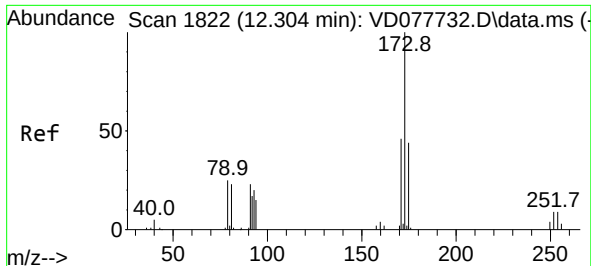
Tgt Ion:104 Resp: 353877
Ion Ratio Lower Upper
104 100
78 42.7 30.9 57.5



#57
1,1,2,2-Tetrachloroethane
Concen: 23.735 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

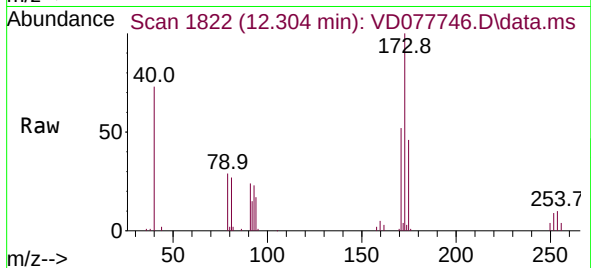
Tgt Ion: 83 Resp: 86841
Ion Ratio Lower Upper
83 100
85 64.2 43.3 80.5
131 9.5 7.3 10.9



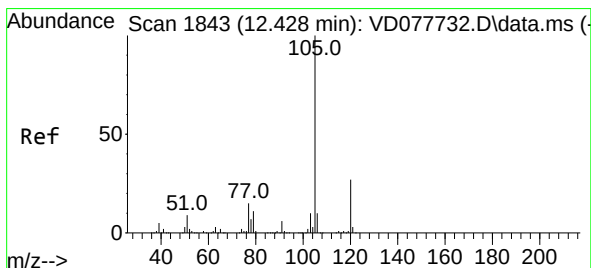
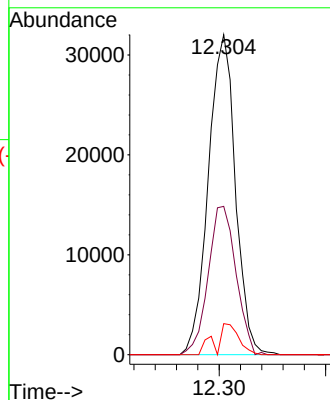
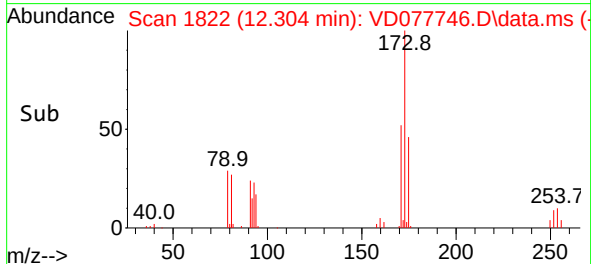


#59
Bromoform
Concen: 24.738 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Instrument :
MSVOA_D
ClientSampleId :

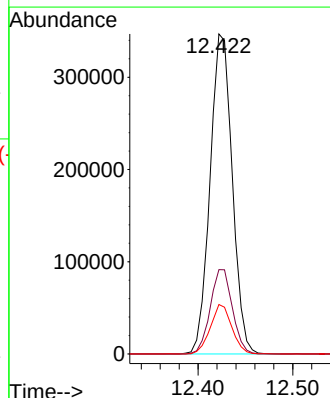
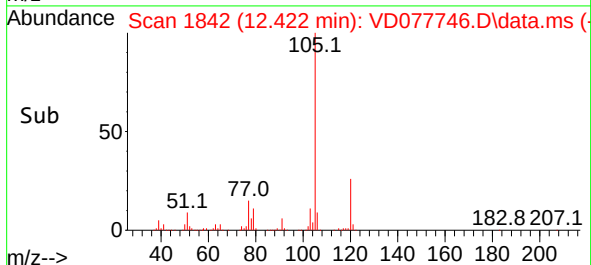
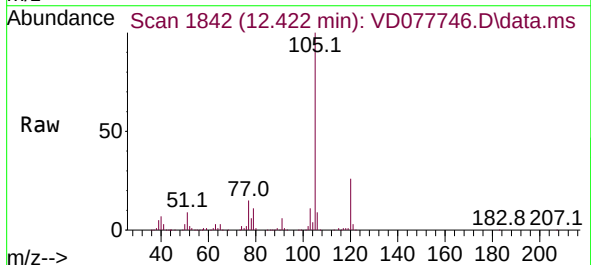


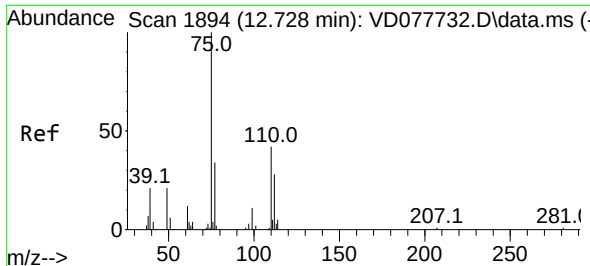
Tgt Ion:173 Resp: 56377
Ion Ratio Lower Upper
173 100
175 47.6 38.7 58.1
254 6.2 1.8 2.8#



#60
Isopropylbenzene
Concen: 27.439 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion:105 Resp: 564097
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 14.9 12.6 18.8

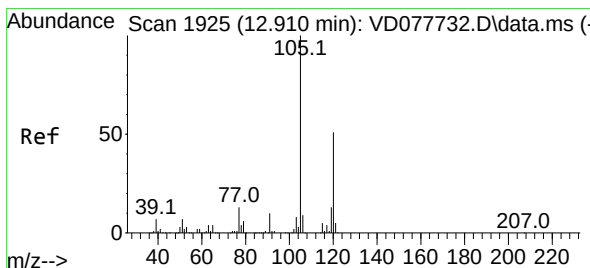
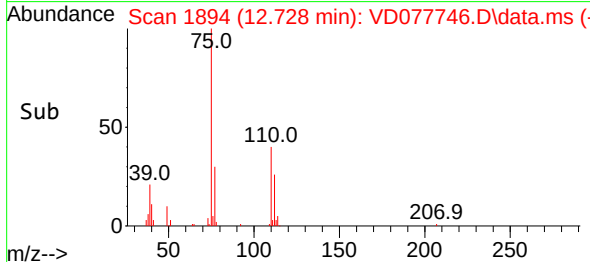
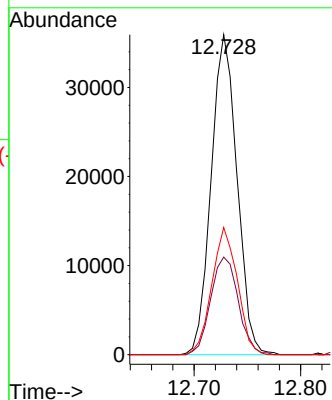
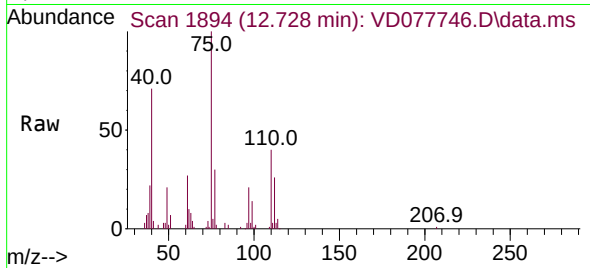




#61
1,2,3-Trichloropropane
Concen: 23.918 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

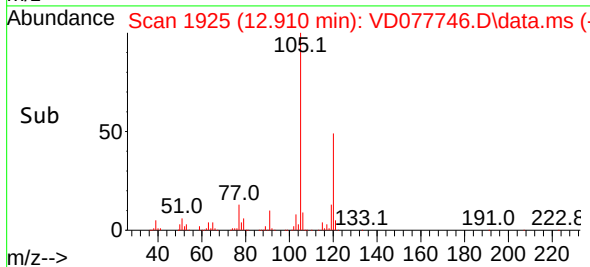
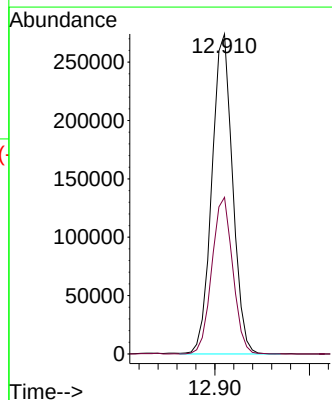
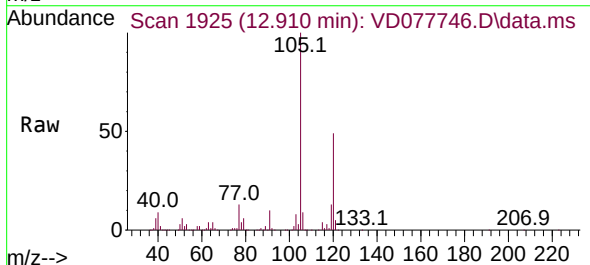
Instrument :
MSVOA_D
ClientSampleId :

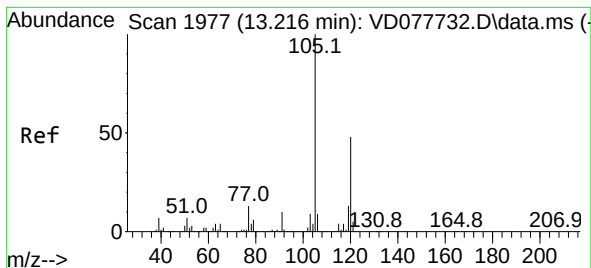
Tgt Ion: 75 Resp: 60598
Ion Ratio Lower Upper
75 100
77 32.5 26.8 40.2
110 39.3 33.4 50.2



#62
1,3,5-Trimethylbenzene
Concen: 26.970 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion:105 Resp: 416436
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3





#63

1,2,4-Trimethylbenzene

Concen: 27.141 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

Instrument :

MSVOA_D

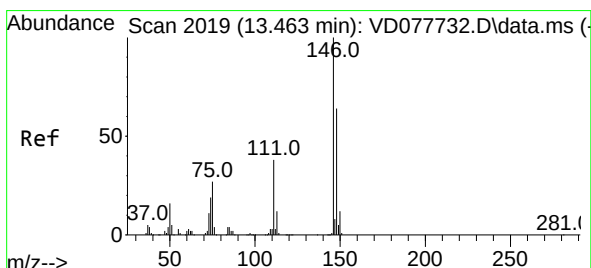
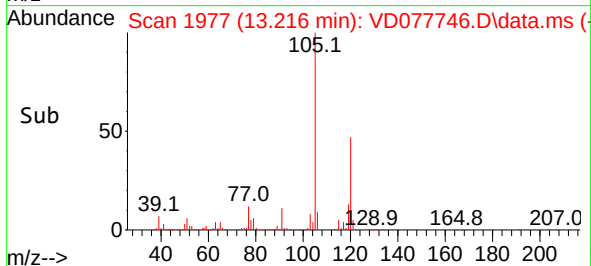
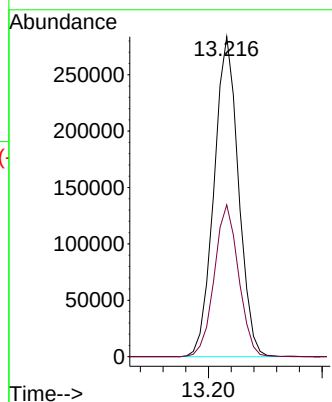
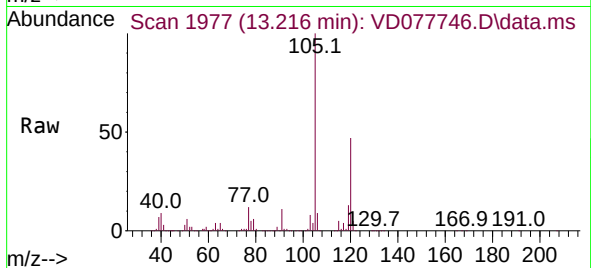
ClientSampleId :

Tgt Ion:105 Resp: 424914

Ion Ratio Lower Upper

105 100

120 47.0 37.1 55.7



#64

1,3-Dichlorobenzene

Concen: 26.729 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077746.D

Acq: 05 Dec 2023 09:10

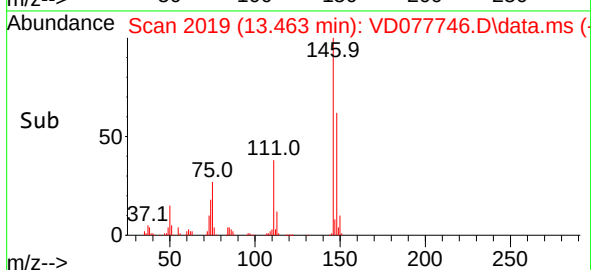
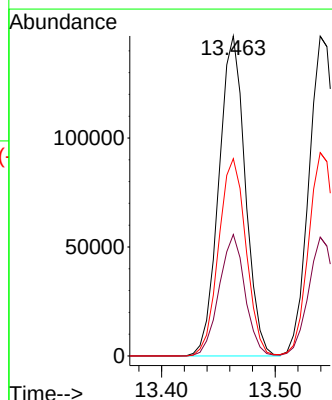
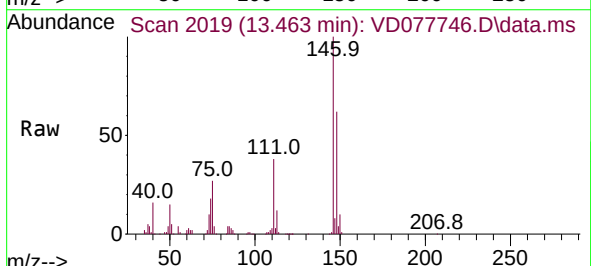
Tgt Ion:146 Resp: 237644

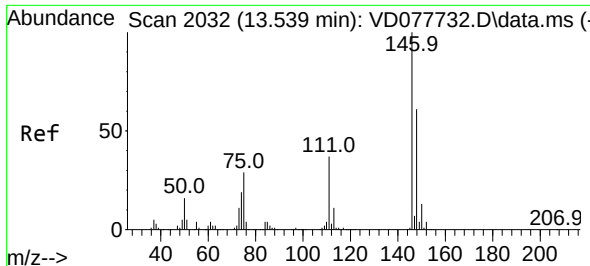
Ion Ratio Lower Upper

146 100

111 38.0 26.6 49.4

148 61.6 44.0 81.6

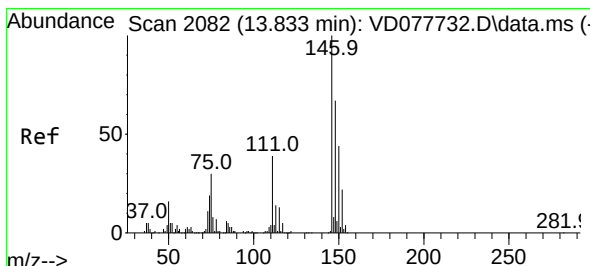
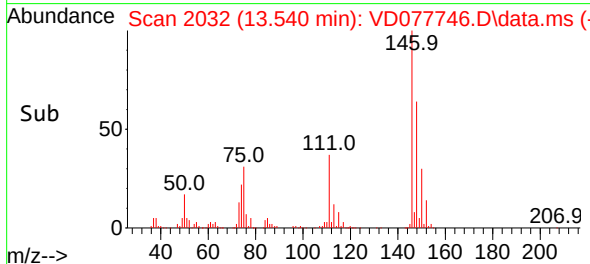
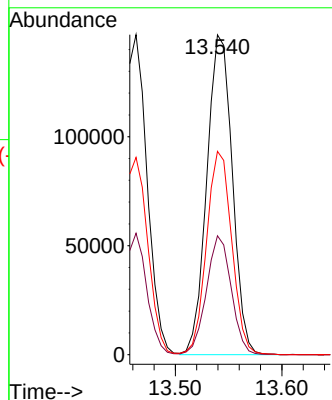
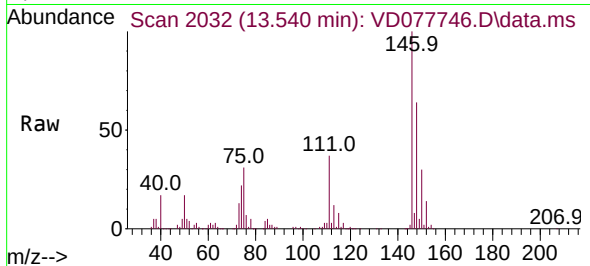




#65
1,4-Dichlorobenzene
Concen: 26.488 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

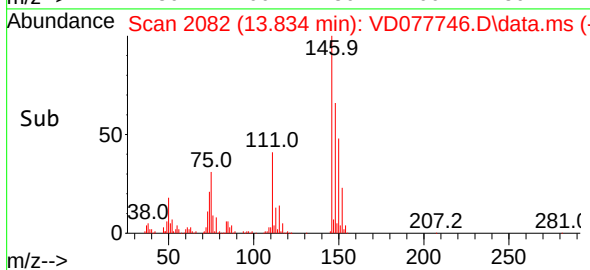
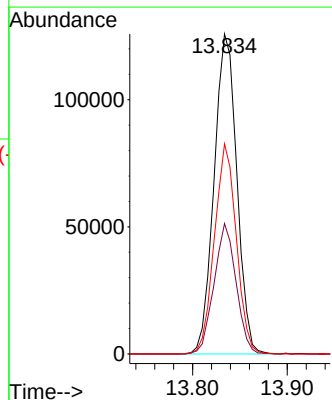
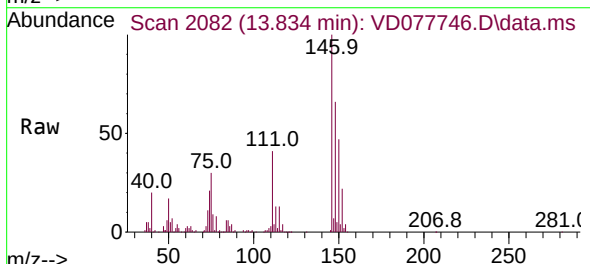
Instrument :
MSVOA_D
ClientSampleId :

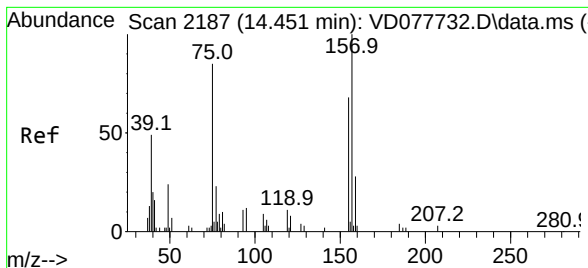
Tgt Ion:146 Resp: 244373
Ion Ratio Lower Upper
146 100
111 37.2 26.4 49.0
148 63.6 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 26.313 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

Tgt Ion:146 Resp: 210511
Ion Ratio Lower Upper
146 100
111 40.8 31.4 47.2
148 65.6 50.2 75.2

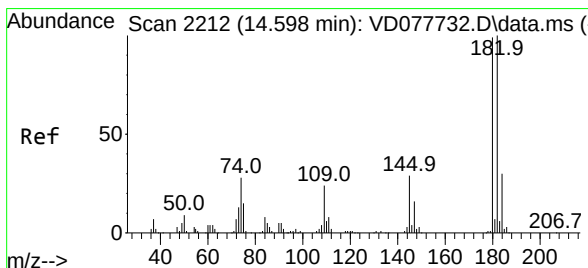
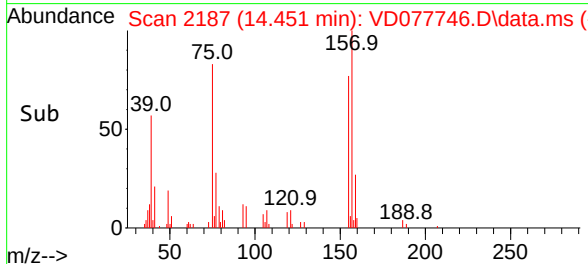
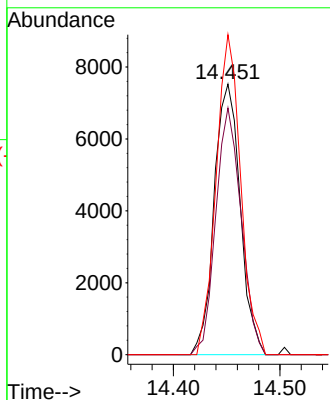
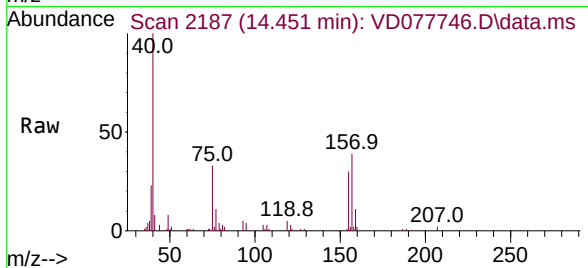




#68
 1,2-Dibromo-3-chloropropane
 Concen: 21.344 ug/L
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD077746.D
 Acq: 05 Dec 2023 09:10

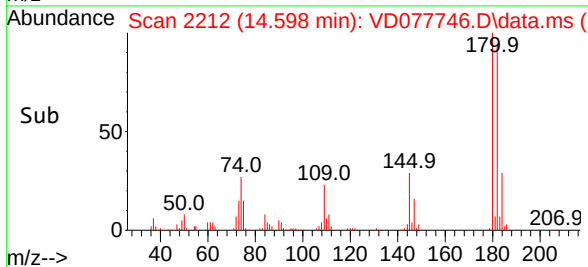
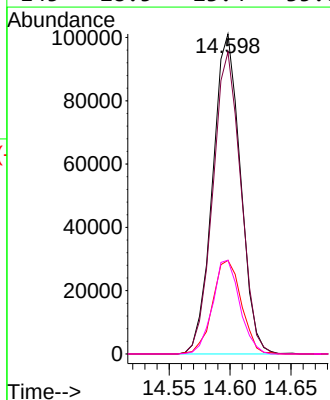
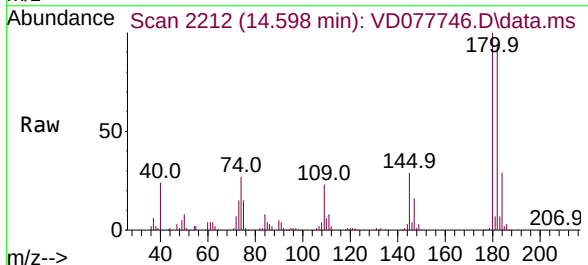
Instrument :
 MSVOA_D
 ClientSampleId :

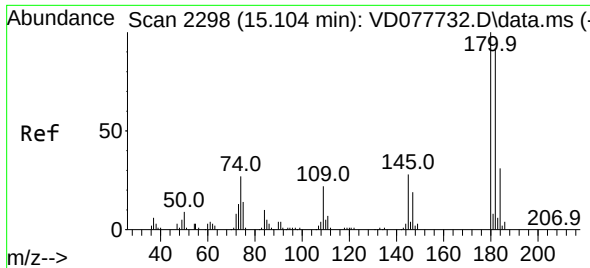
Tgt Ion: 75 Resp: 12751
 Ion Ratio Lower Upper
 75 100
 155 91.2 69.2 103.8
 157 118.3 86.6 130.0



#69
 1,3,5-Trichlorobenzene
 Concen: 26.566 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD077746.D
 Acq: 05 Dec 2023 09:10

Tgt Ion: 180 Resp: 160834
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.0 115.4
 184 30.2 24.3 36.5
 145 28.5 23.4 35.0

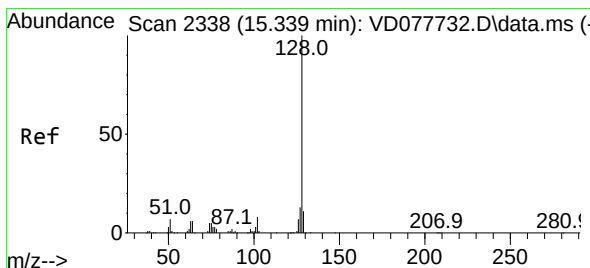
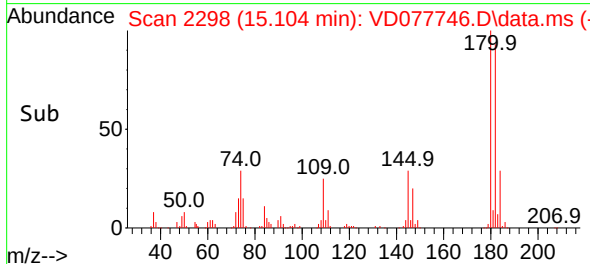
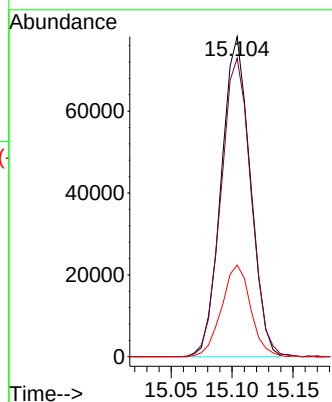
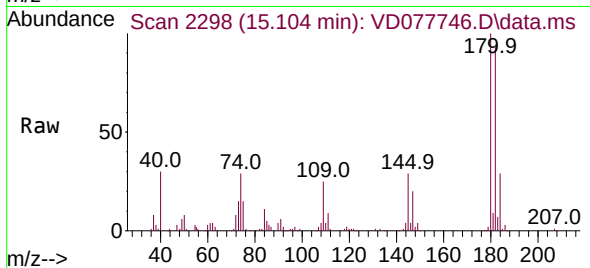




#70
1,2,4-trichlorobenzene
Concen: 25.263 ug/L
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

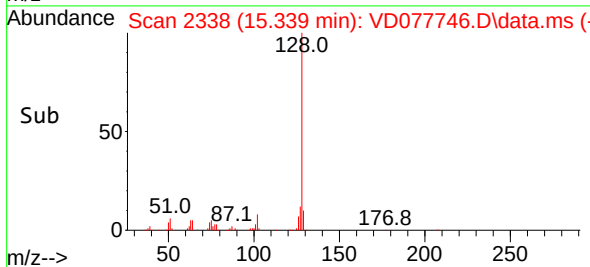
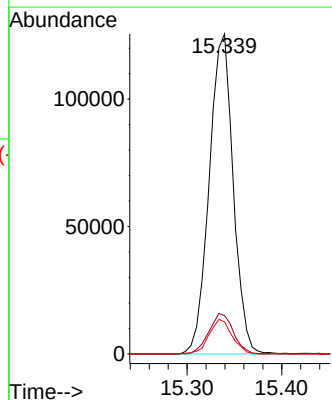
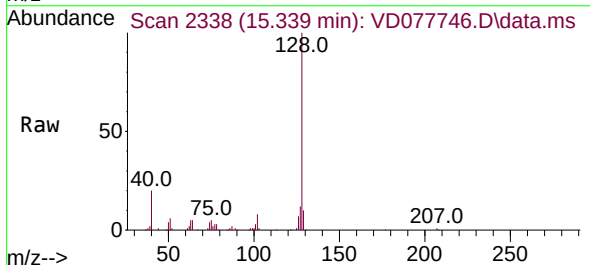
Instrument :
MSVOA_D
ClientSampleId :

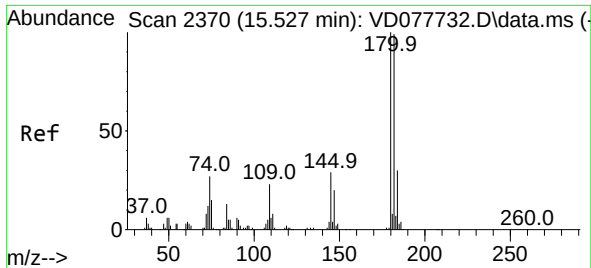
Tgt Ion:180 Resp: 129843
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.6
145 28.5 23.9 35.9



#71
Naphthalene
Concen: 23.499 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VD077746.D
Acq: 05 Dec 2023 09:10

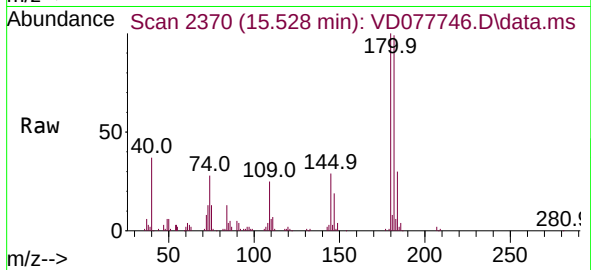
Tgt Ion:128 Resp: 220797
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.3 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 24.827 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077746.D
 Acq: 05 Dec 2023 09:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	111860
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.3	115.9
145	29.5	25.2	37.8

