

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077526.D
 Acq On : 09 Nov 2023 09:46
 Operator : JC/SY
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:04:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	374687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	339200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	161639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	201926	21.185	ug/L	0.00
7) Chloroethane-d5	2.811	69	166945	22.296	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	63883	21.675	ug/L	0.00
21) 2-Butanone-d5	6.987	46	72522	45.407	ug/L	0.00
24) Chloroform-d	7.569	84	249658	23.066	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	129803	22.545	ug/L	0.00
32) Benzene-d6	8.205	84	512099	23.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	166383	23.202	ug/L	0.00
41) Toluene-d8	10.269	98	457621	23.003	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	70824	22.906	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	58137	45.320	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107085	22.539	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	133667	23.245	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	138145	22.893	ug/L	100
3) Chloromethane	2.152	50	201811	23.246	ug/L	100
5) Vinyl chloride	2.287	62	228236	23.293	ug/L	100
6) Bromomethane	2.699	94	122521	23.486	ug/L	100
8) Chloroethane	2.846	64	144132	23.660	ug/L	100
9) Trichlorofluoromethane	3.181	101	210090	23.560	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	127316	23.201	ug/L	100
12) 1,1-Dichloroethene	3.946	96	124075	23.163	ug/L	100
13) Acetone	4.028	43	80649	46.502	ug/L	100
14) Carbon disulfide	4.275	76	442952	23.087	ug/L	100
15) Methyl Acetate	4.569	43	63074	22.102	ug/L	100
16) Methylene chloride	4.811	84	137091	21.657	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	131622	23.483	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	303072	23.038	ug/L	100
19) 1,1-Dichloroethane	6.116	63	263989	23.475	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	143619	23.585	ug/L	100
22) 2-Butanone	7.081	43	90479	42.855	ug/L	100
23) Bromochloromethane	7.434	128	55926	22.857	ug/L	100
25) Chloroform	7.599	83	246150	23.827	ug/L	100
27) 1,2-Dichloroethane	8.328	62	158731	23.178	ug/L	100
29) Cyclohexane	7.881	56	259296	23.544	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	209878	23.635	ug/L	100
31) Carbon tetrachloride	7.999	117	182262	23.883	ug/L	100
33) Benzene	8.252	78	563309	23.948	ug/L	100
34) Trichloroethene	9.028	95	139779	23.982	ug/L	100
35) Methylcyclohexane	9.275	83	250113	23.790	ug/L	100
37) 1,2-Dichloropropane	9.305	63	152863	23.377	ug/L	100
38) Bromodichloromethane	9.587	83	177399	23.651	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	236429	23.529	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	179615	45.074	ug/L	100
42) Toluene	10.334	91	590717	23.919	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	195816	23.584	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

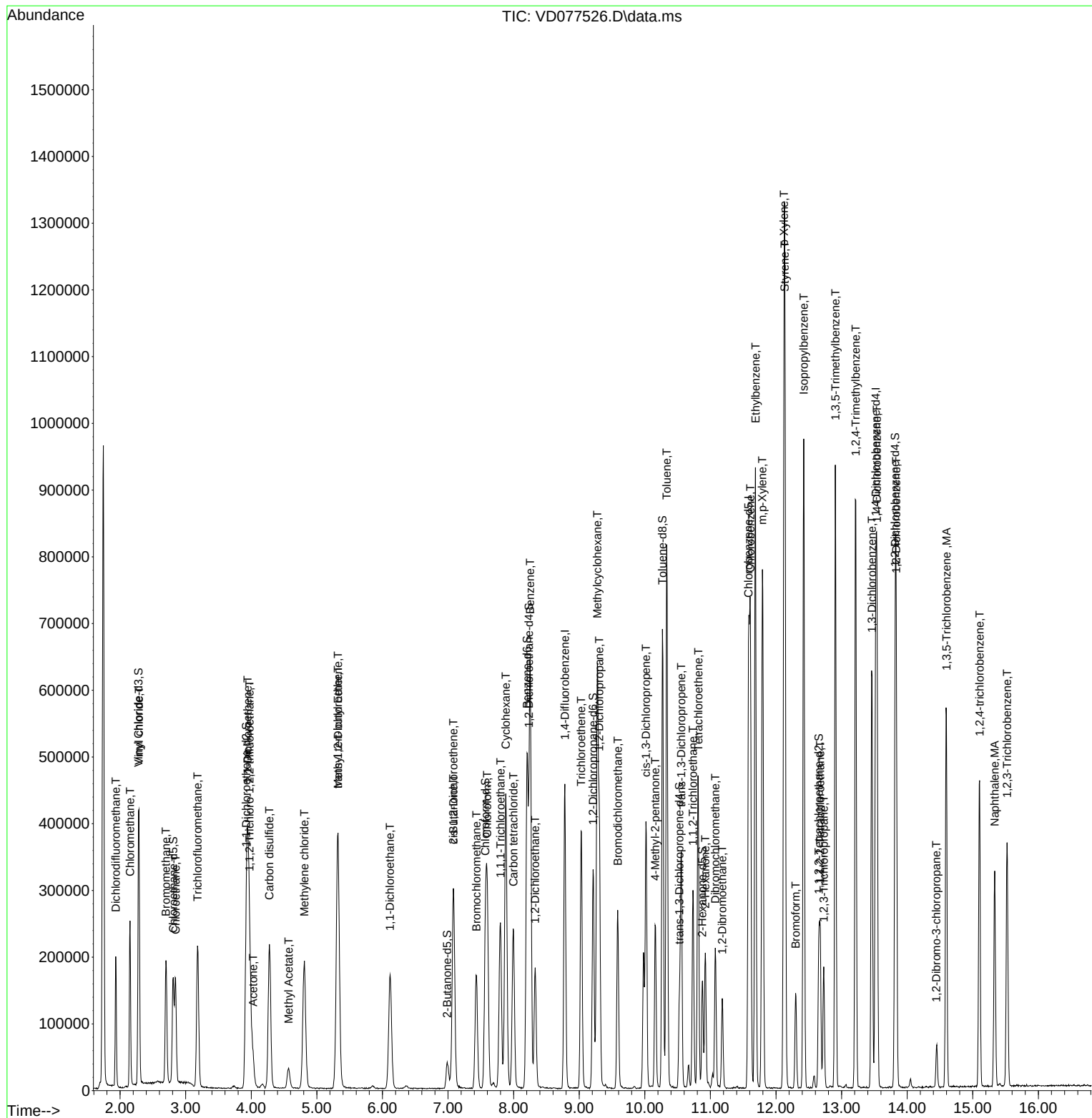
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	93148	23.303	ug/L	100
46) Tetrachloroethene	10.816	164	103401	24.111	ug/L	100
48) 2-Hexanone	10.922	43	143936	45.569	ug/L	100
49) Dibromochloromethane	11.075	129	104340	22.980	ug/L	100
50) 1,2-Dibromoethane	11.181	107	87123	22.792	ug/L	100
51) Chlorobenzene	11.610	112	345713	23.894	ug/L	100
52) Ethylbenzene	11.687	91	656100	24.145	ug/L	100
53) m,p-Xylene	11.793	106	239249	24.195	ug/L	100
54) o-Xylene	12.122	106	225416	23.802	ug/L	100
55) Styrene	12.134	104	394407	23.852	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	108654	23.075	ug/L	100
59) Bromoform	12.298	173	63186	22.928	ug/L	100
60) Isopropylbenzene	12.422	105	624704	23.893	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	75066	21.802	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	478652	24.122	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	482426	24.001	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	254363	23.714	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	255534	23.606	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	219811	23.179	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	16173	21.595	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	171983	23.548	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	142014	23.072	ug/L	100
71) Naphthalene	15.334	128	260370	22.445	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	120290	22.919	ug/L	100

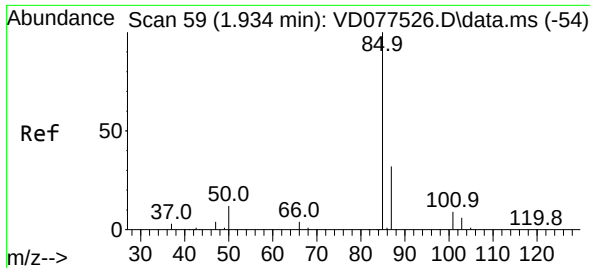
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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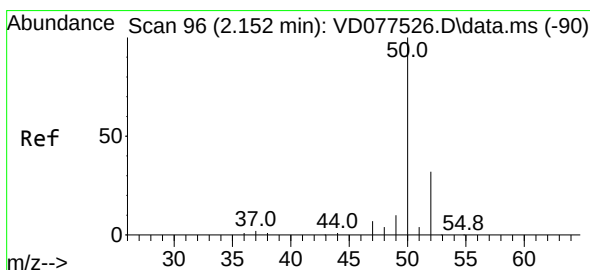
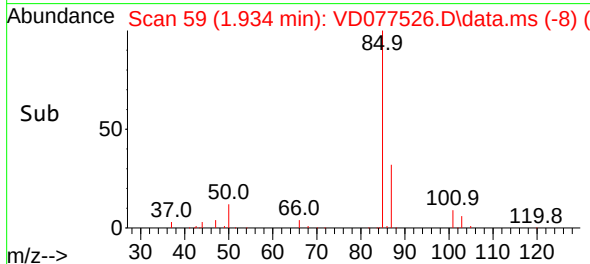
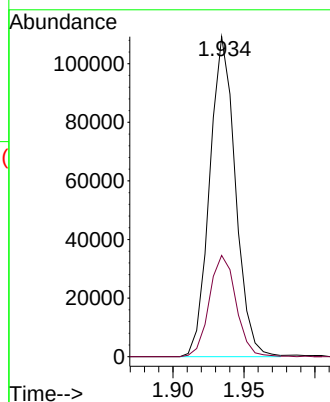
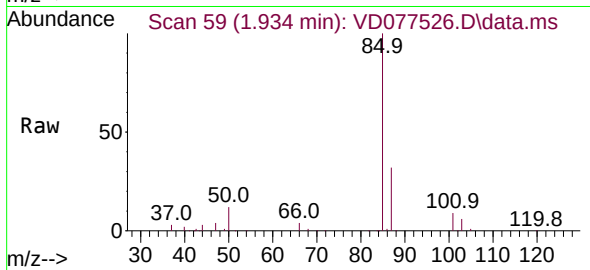




#2
Dichlorodifluoromethane
Concen: 22.893 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

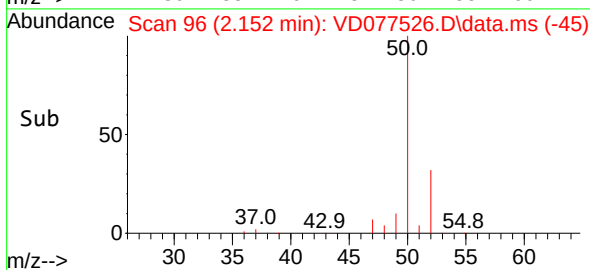
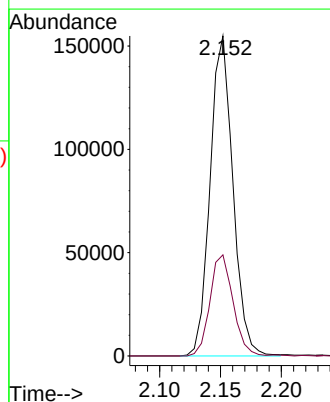
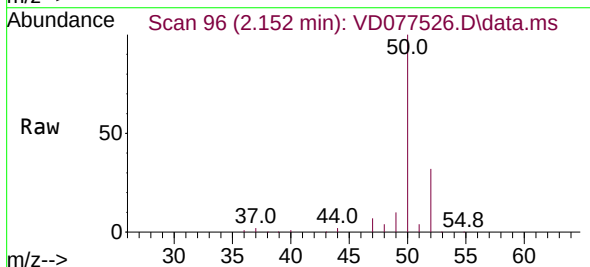
Instrument :
MSVOA_D
ClientSampleId :

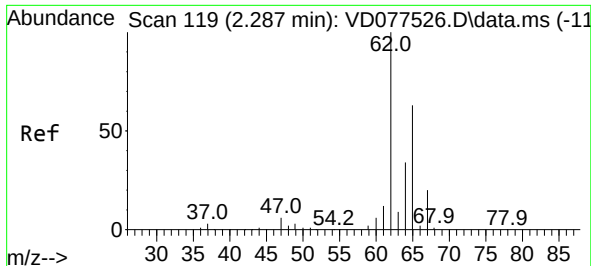
Tgt Ion: 85 Resp: 138145
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 23.246 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 50 Resp: 201811
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1

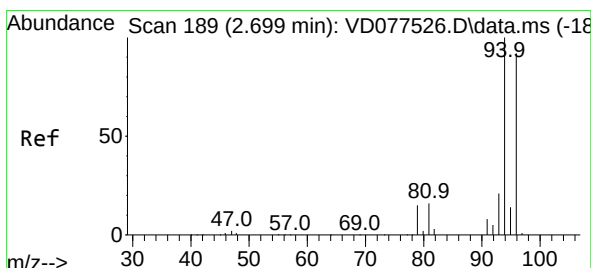
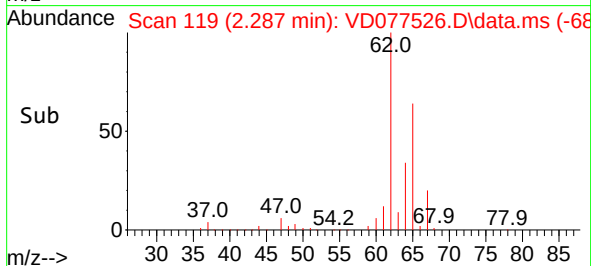
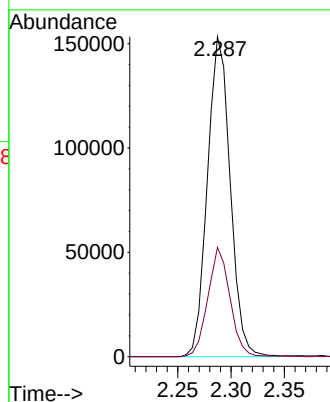
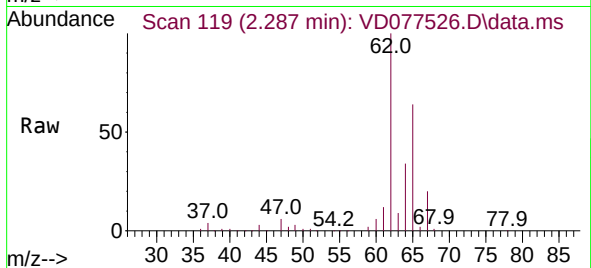




#5
 Vinyl chloride
 Concen: 23.293 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD077526.D
 Acq: 09 Nov 2023 09:46

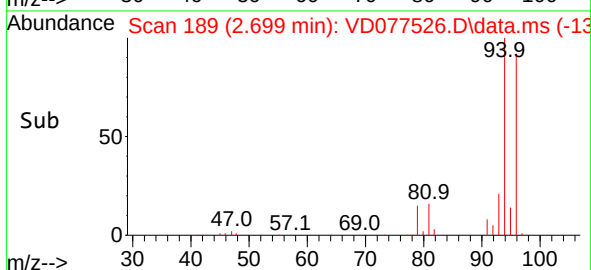
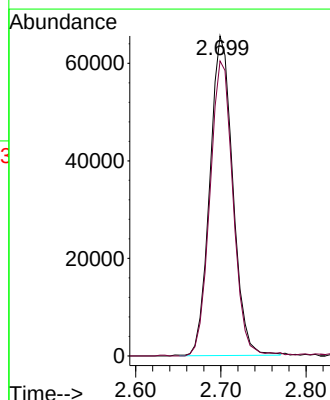
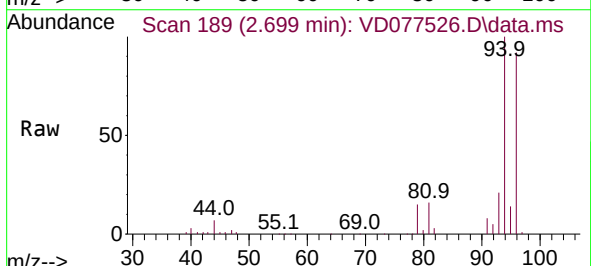
Instrument :
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 ClientSampleId :

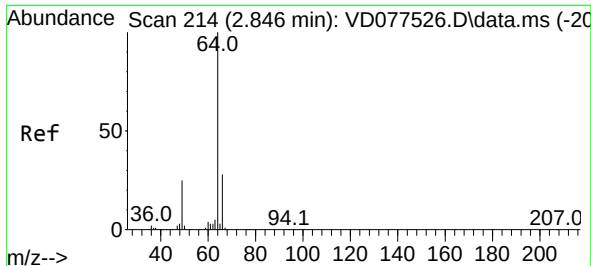
Tgt Ion: 62 Resp: 228236
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.9 44.5



#6
 Bromomethane
 Concen: 23.486 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD077526.D
 Acq: 09 Nov 2023 09:46

Tgt Ion: 94 Resp: 122521
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.5 119.9

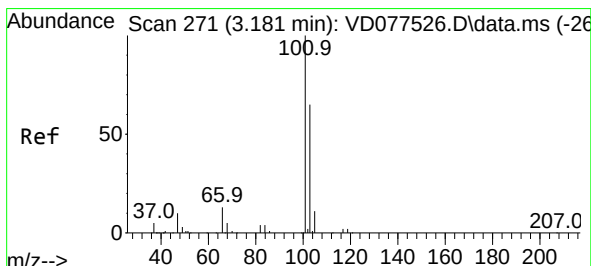
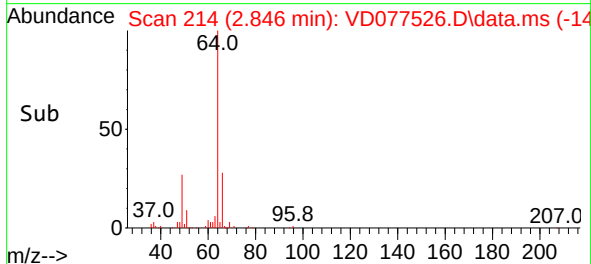
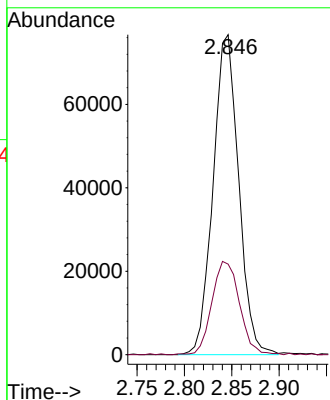
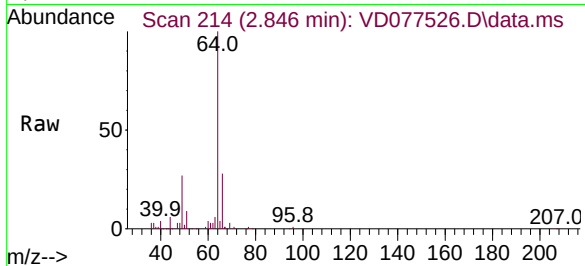




#8
Chloroethane
Concen: 23.660 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

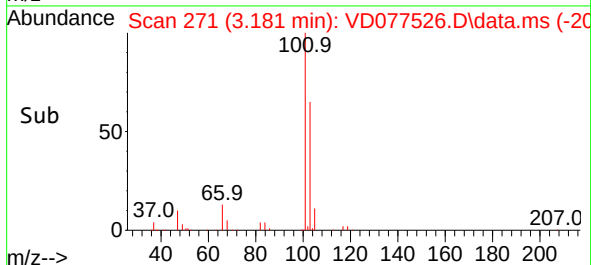
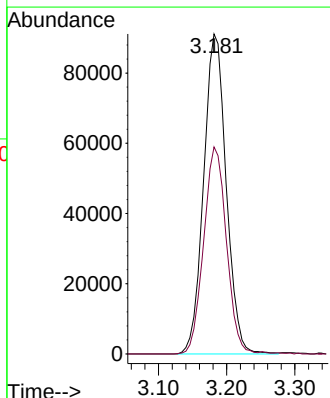
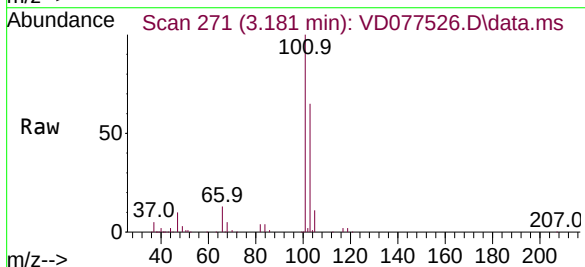
Instrument :
MSVOA_D
ClientSampleId :

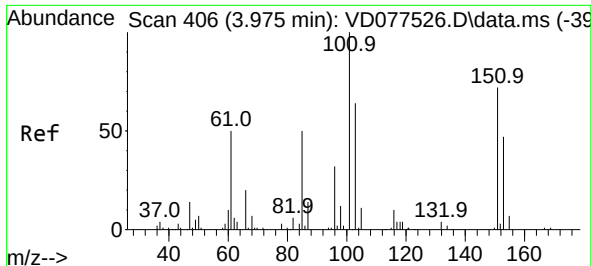
Tgt Ion: 64 Resp: 144132
Ion Ratio Lower Upper
64 100
66 28.3 19.8 36.8



#9
Trichlorofluoromethane
Concen: 23.560 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion:101 Resp: 210090
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

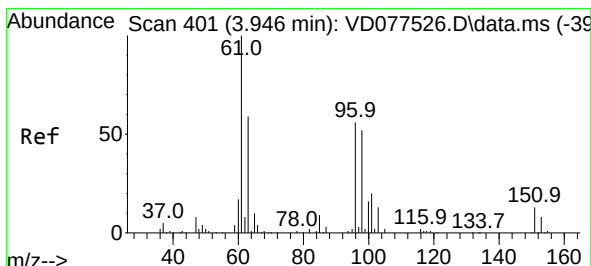
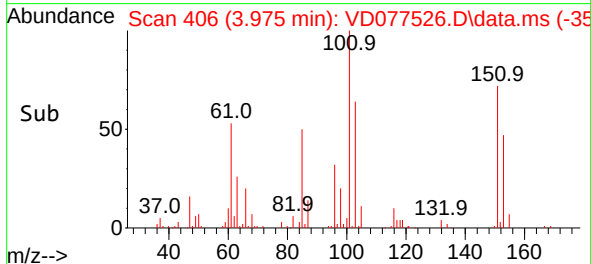
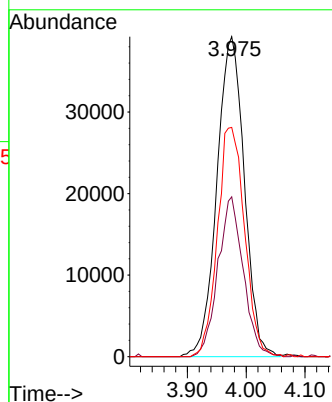
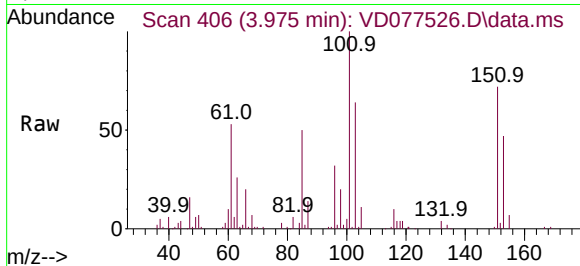




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.201 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VD077526.D
 Acq: 09 Nov 2023 09:46

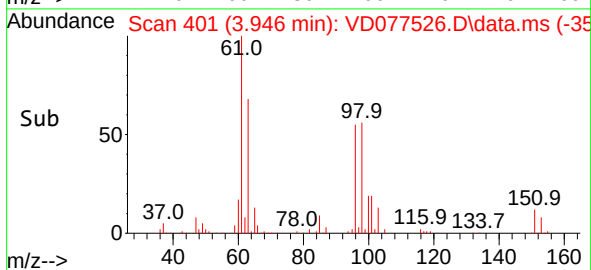
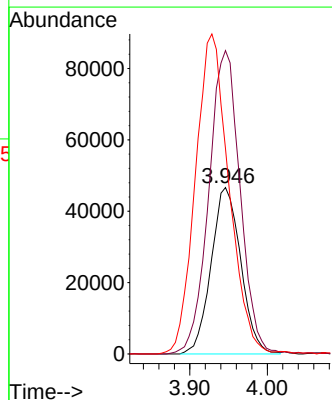
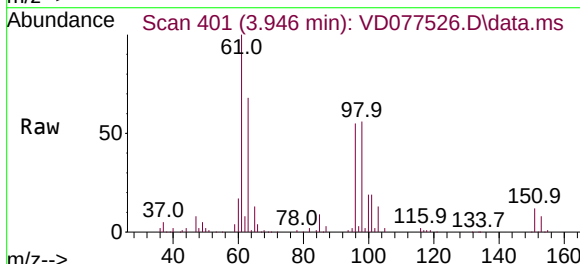
Instrument :
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 ClientSampleId :

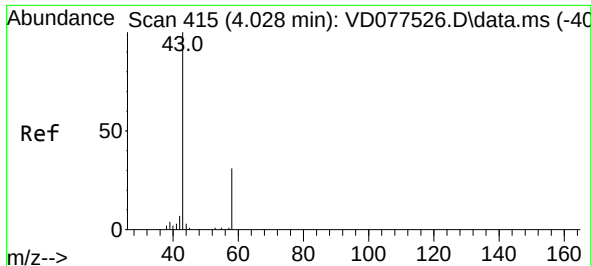
Tgt Ion:101 Resp: 127316
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.8 55.2
 151 70.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 23.163 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD077526.D
 Acq: 09 Nov 2023 09:46

Tgt Ion: 96 Resp: 124075
 Ion Ratio Lower Upper
 96 100
 61 182.2 127.5 236.9
 63 123.4 86.4 160.4





#13

Acetone

Concen: 46.502 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

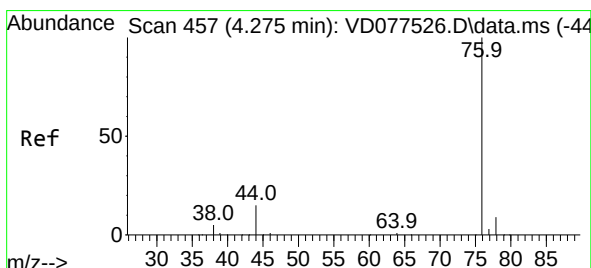
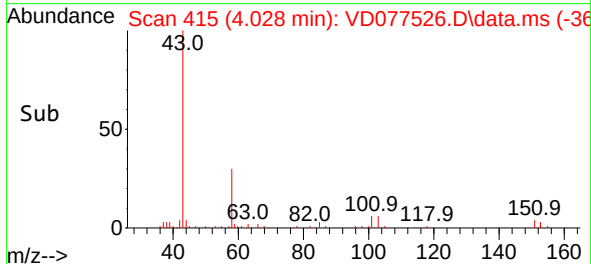
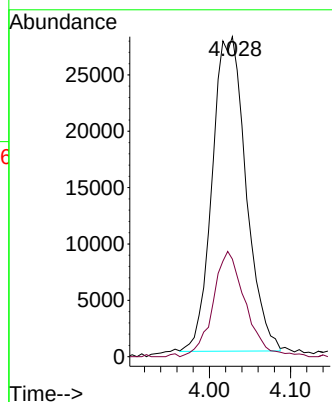
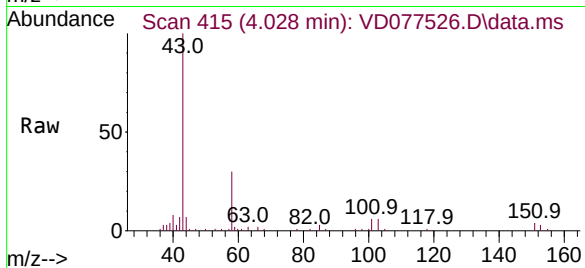
ClientSampleId :

Tgt Ion: 43 Resp: 80649

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.0



#14

Carbon disulfide

Concen: 23.087 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD077526.D

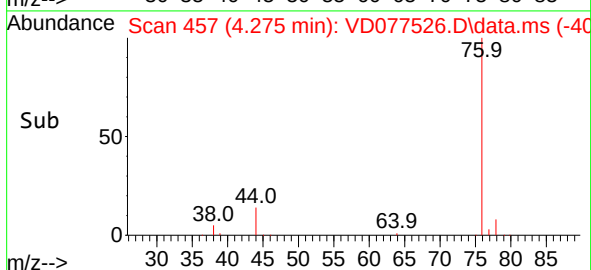
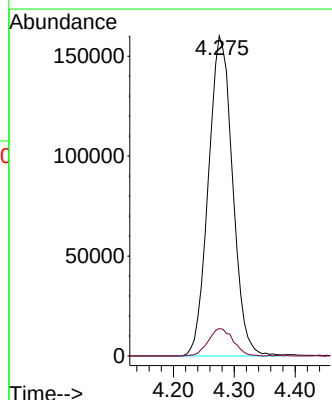
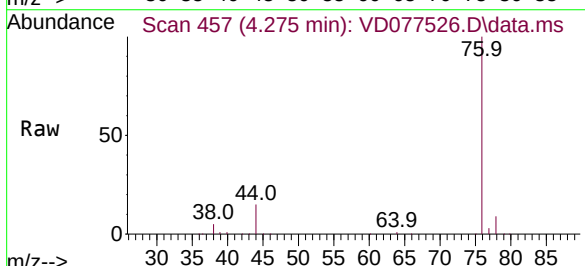
Acq: 09 Nov 2023 09:46

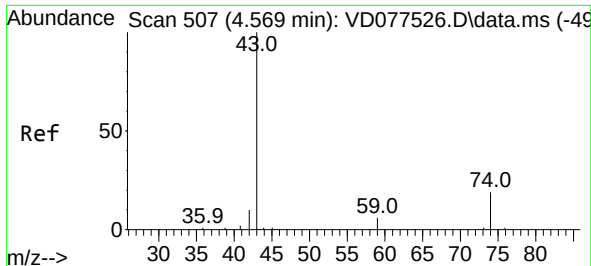
Tgt Ion: 76 Resp: 442952

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3

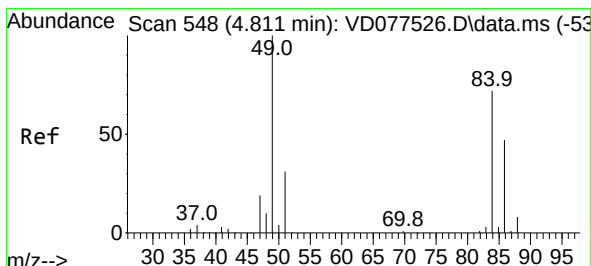
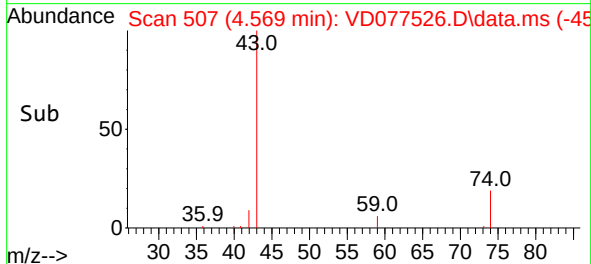
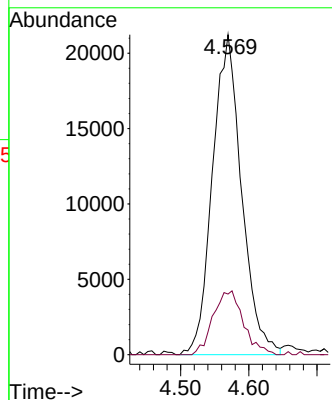
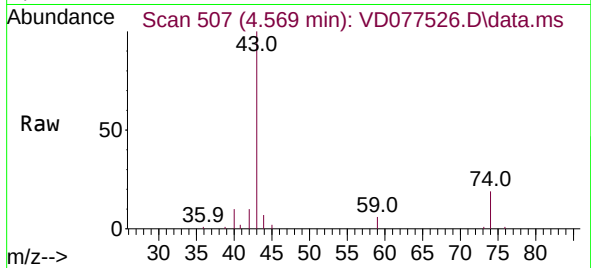




#15
Methyl Acetate
Concen: 22.102 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

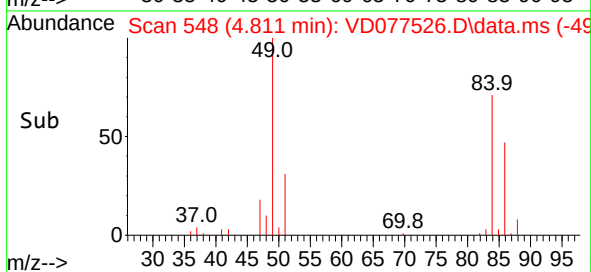
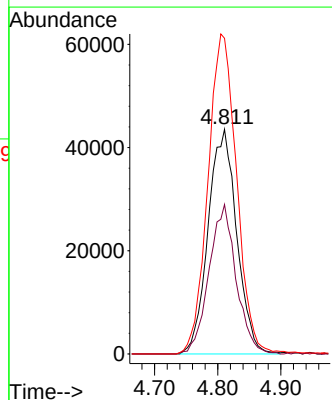
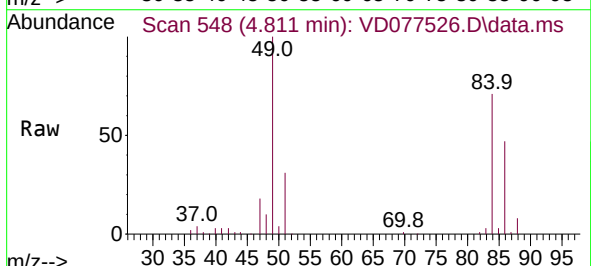
Instrument :
MSVOA_D
ClientSampleId :

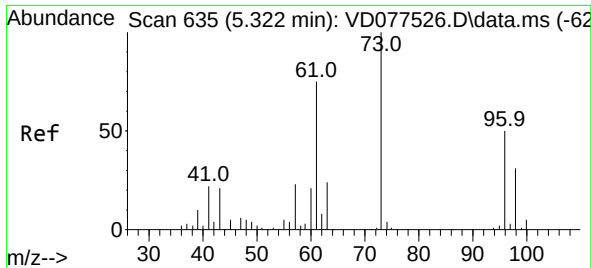
Tgt Ion: 43 Resp: 63074
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 21.657 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 84 Resp: 137091
Ion Ratio Lower Upper
84 100
86 66.5 46.5 86.5
49 140.5 98.3 182.7

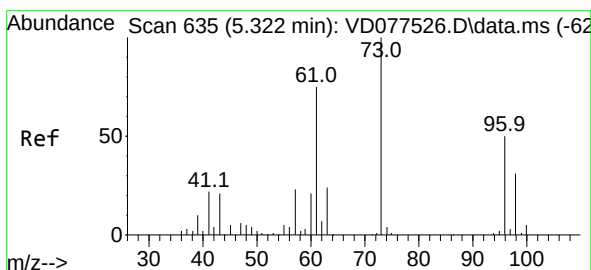
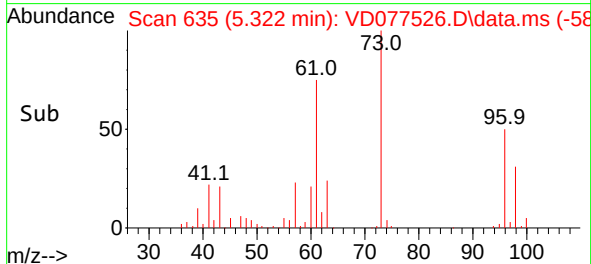
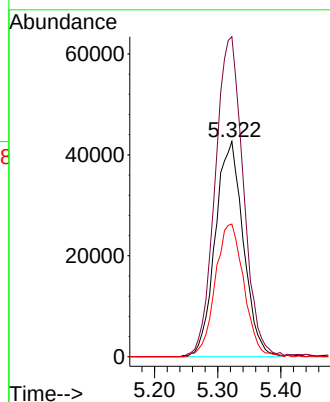
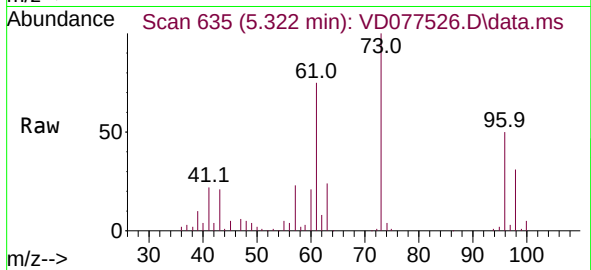




#17
trans-1,2-Dichloroethene
Concen: 23.483 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

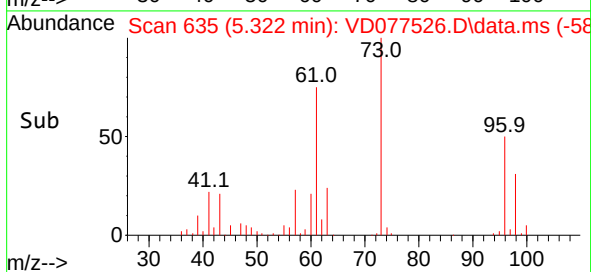
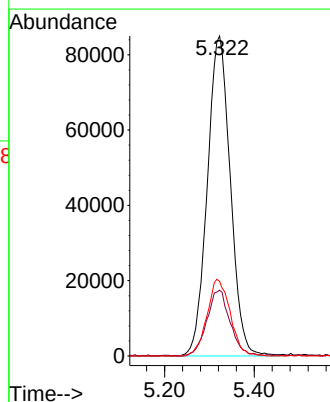
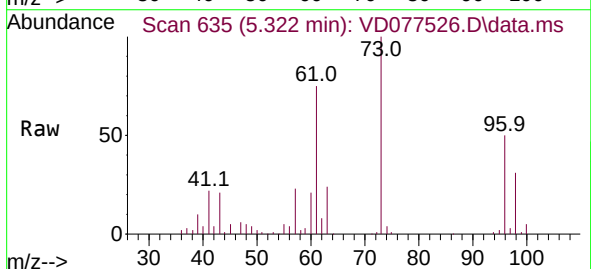
Instrument :
MSVOA_D
ClientSampleId :

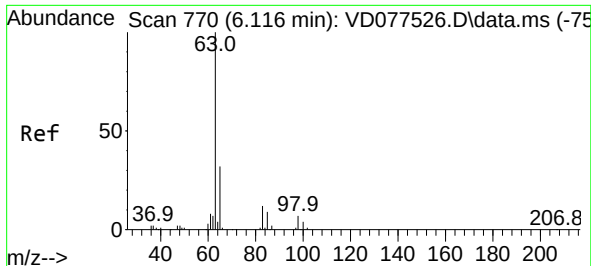
Tgt Ion: 96 Resp: 131622
Ion Ratio Lower Upper
96 100
61 148.6 104.0 193.2
98 61.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 23.038 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 73 Resp: 303072
Ion Ratio Lower Upper
73 100
43 20.5 16.4 24.6
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.475 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

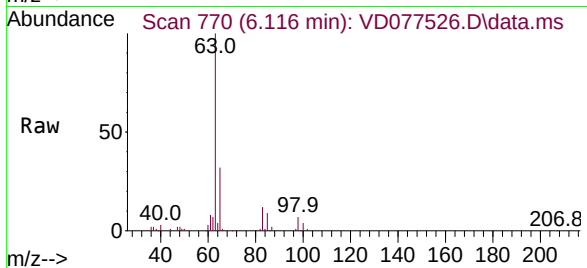
Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :



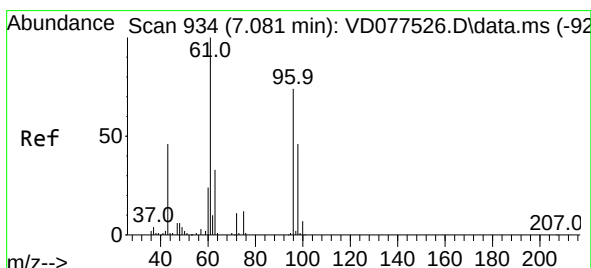
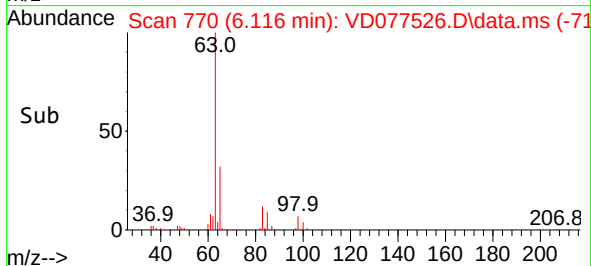
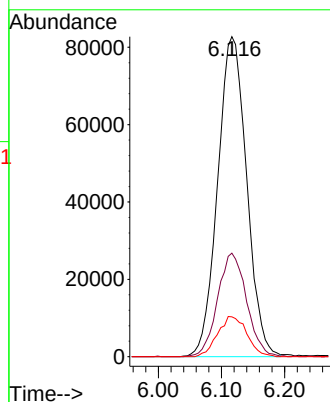
Tgt Ion: 63 Resp: 263989

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 12.5 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 23.585 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

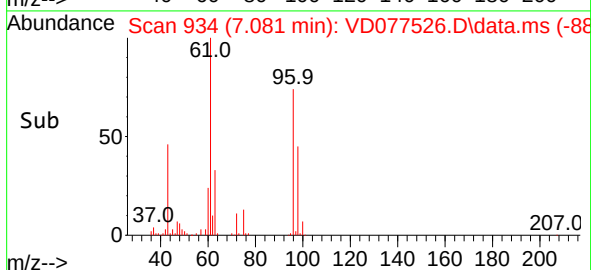
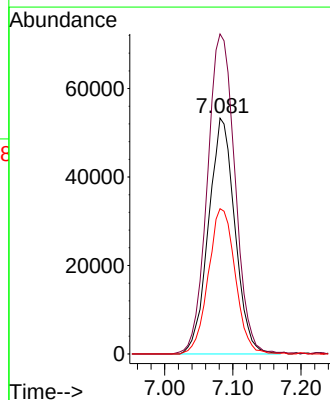
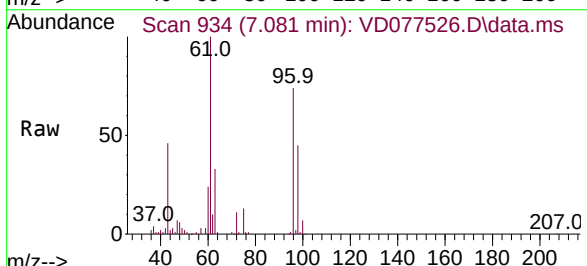
Tgt Ion: 96 Resp: 143619

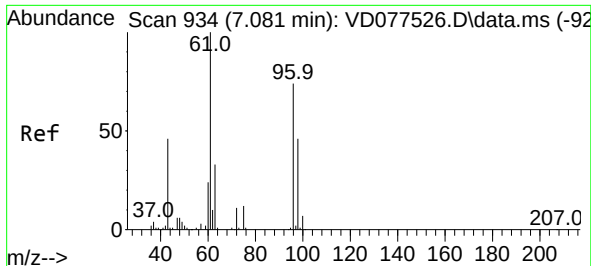
Ion Ratio Lower Upper

96 100

61 135.7 95.0 176.4

98 61.6 43.1 80.1

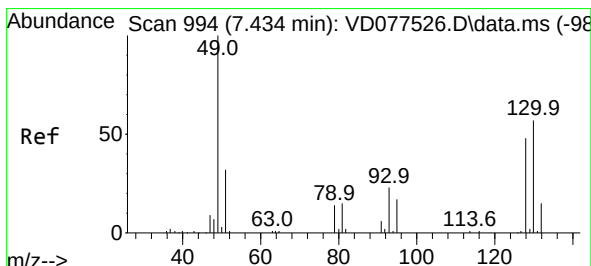
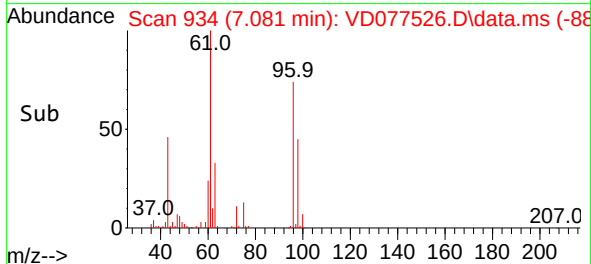
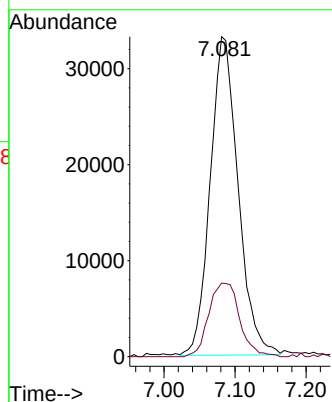
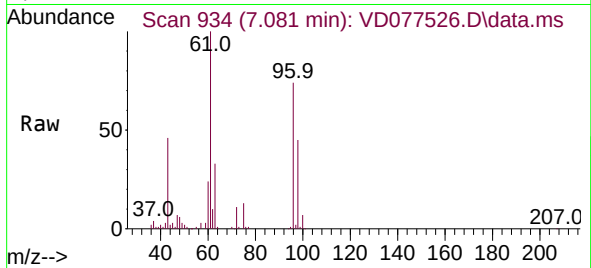




#22
2-Butanone
Concen: 42.855 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

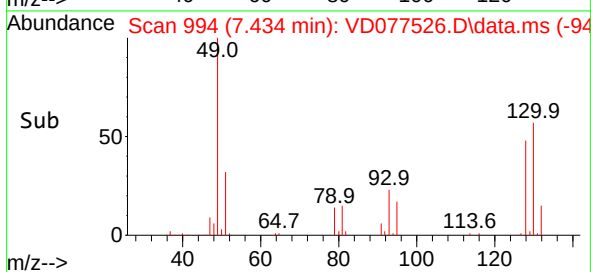
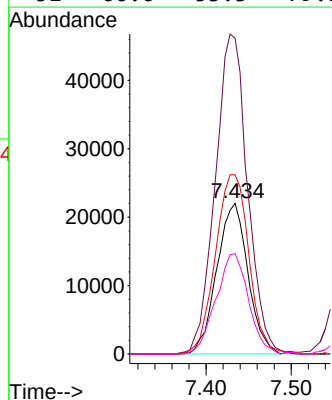
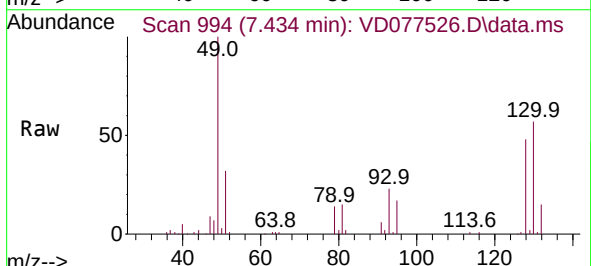
Instrument :
MSVOA_D
ClientSampleId :

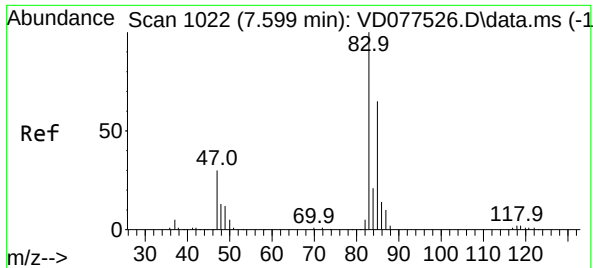
Tgt Ion: 43 Resp: 90479
Ion Ratio Lower Upper
43 100
72 25.6 12.8 38.4



#23
Bromochloromethane
Concen: 22.857 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 128 Resp: 55926
Ion Ratio Lower Upper
128 100
49 209.6 146.7 272.5
130 118.9 83.2 154.6
51 66.6 53.3 79.9





#25

Chloroform

Concen: 23.827 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

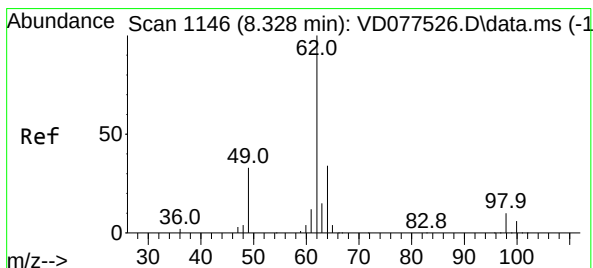
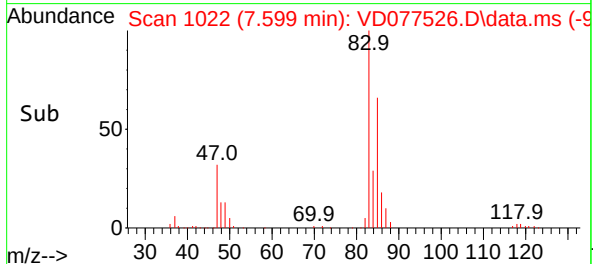
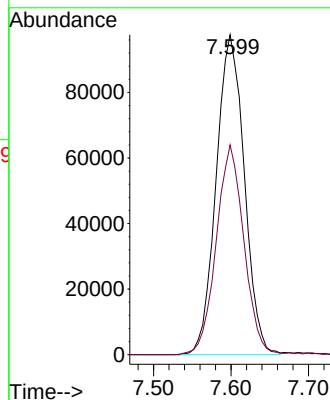
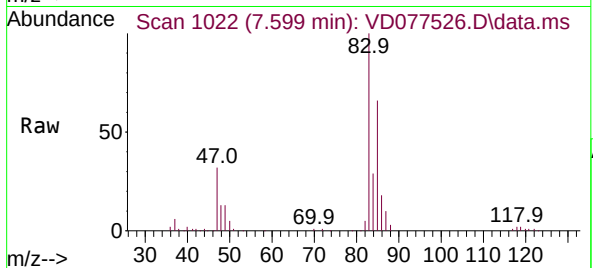
ClientSampleId :

Tgt Ion: 83 Resp: 246150

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3



#27

1,2-Dichloroethane

Concen: 23.178 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077526.D

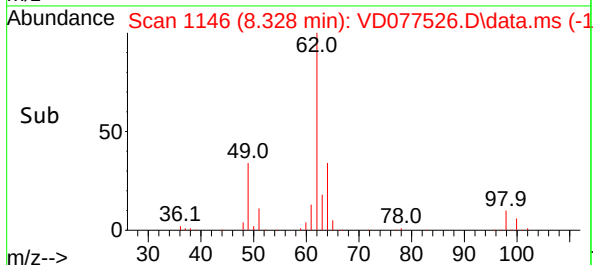
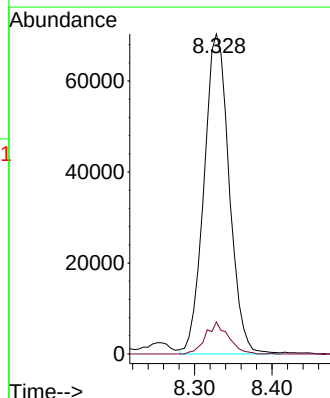
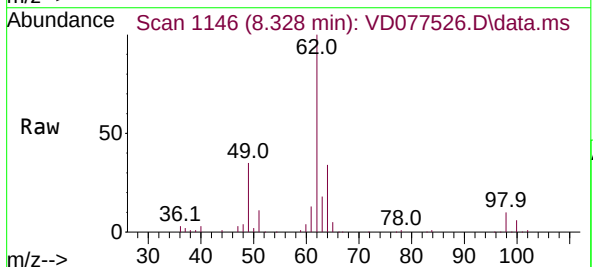
Acq: 09 Nov 2023 09:46

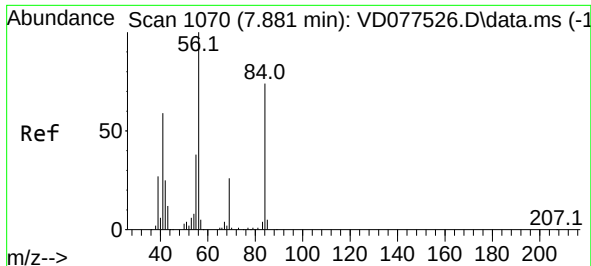
Tgt Ion: 62 Resp: 158731

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 23.544 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

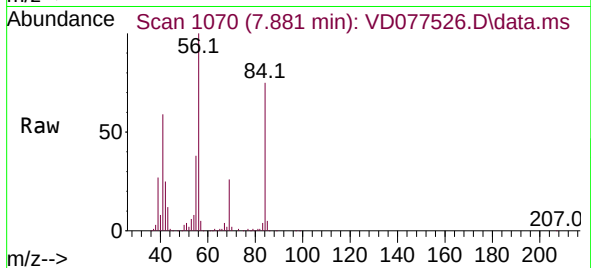
Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

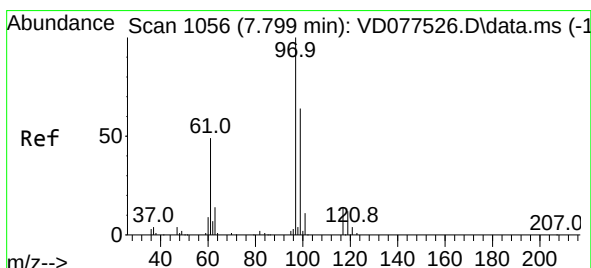
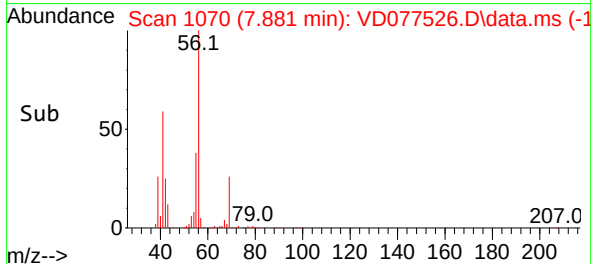
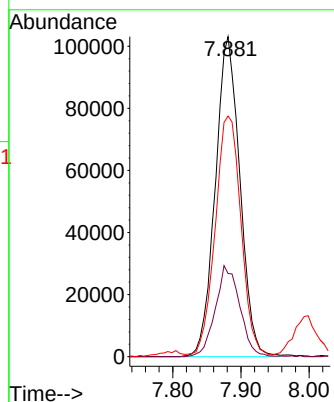
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	259296
Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.6	33.8
84	79.1	63.3	94.9



#30

1,1,1-Trichloroethane

Concen: 23.635 ug/L

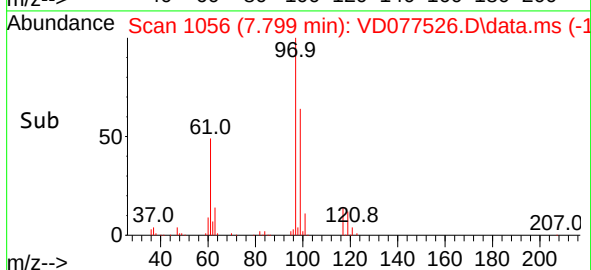
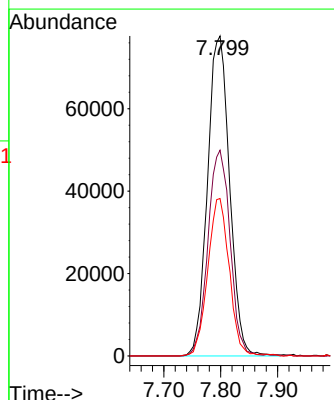
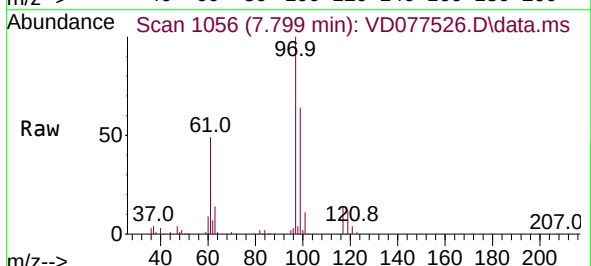
RT: 7.799 min Scan# 1056

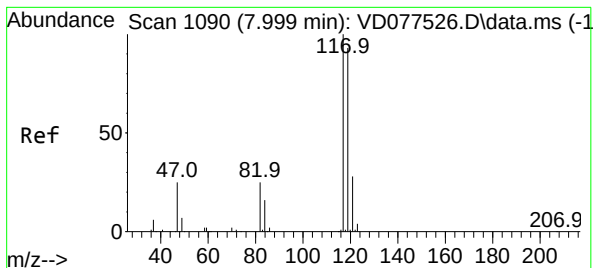
Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Tgt Ion:	97	Resp:	209878
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	47.6	38.1	57.1





#31

Carbon tetrachloride

Concen: 23.883 ug/L

RT: 7.999 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

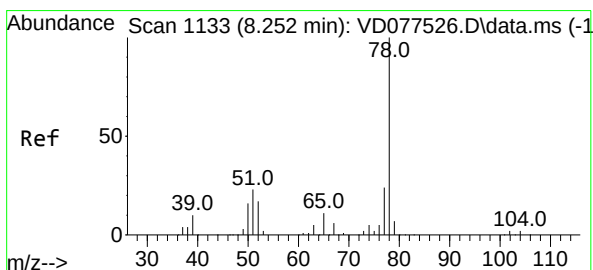
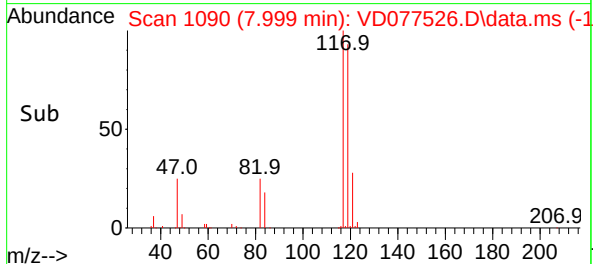
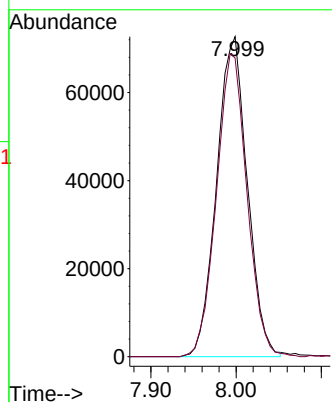
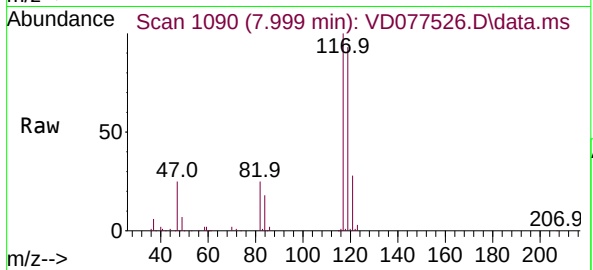
ClientSampleId :

Tgt Ion:117 Resp: 182262

Ion Ratio Lower Upper

117 100

119 94.2 75.4 113.0



#33

Benzene

Concen: 23.948 ug/L

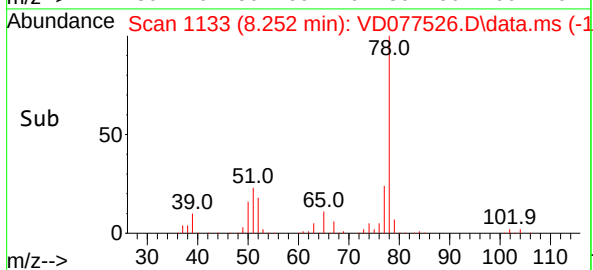
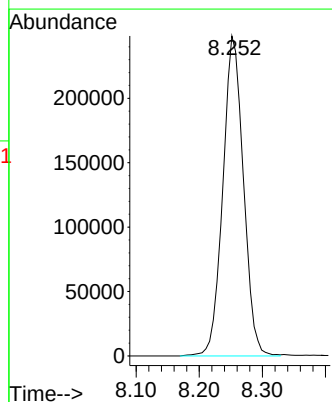
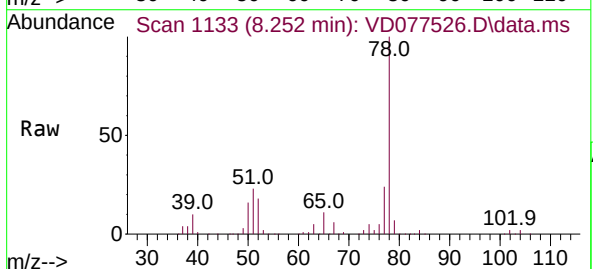
RT: 8.252 min Scan# 1133

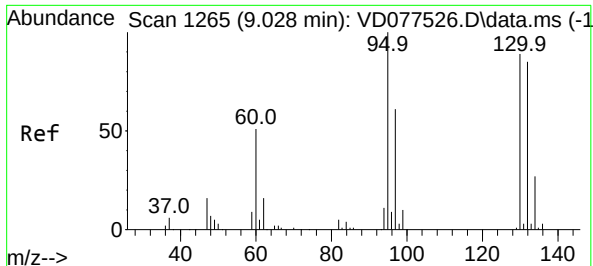
Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Tgt Ion: 78 Resp: 563309

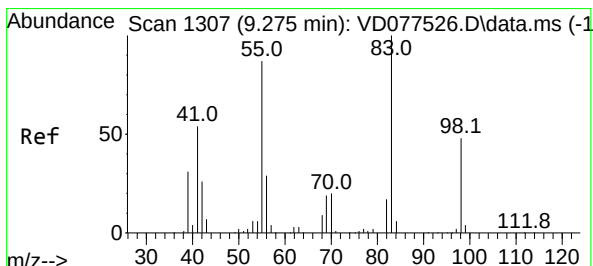
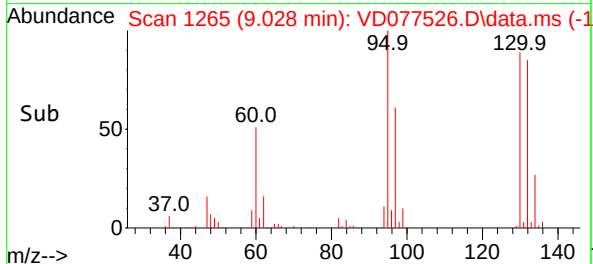
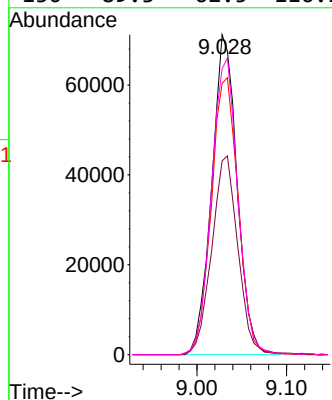
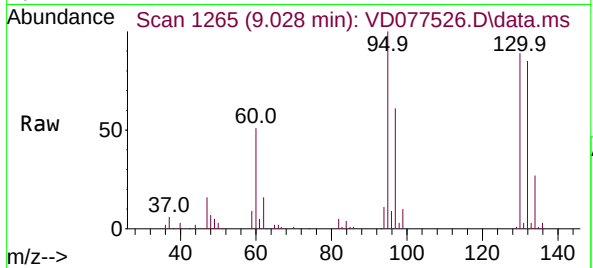




#34
Trichloroethene
Concen: 23.982 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

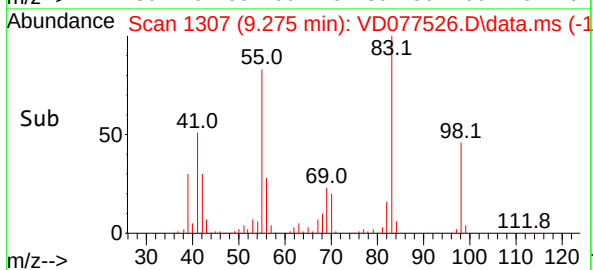
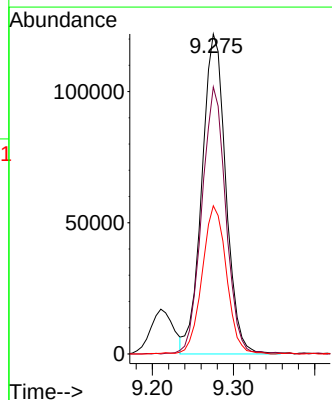
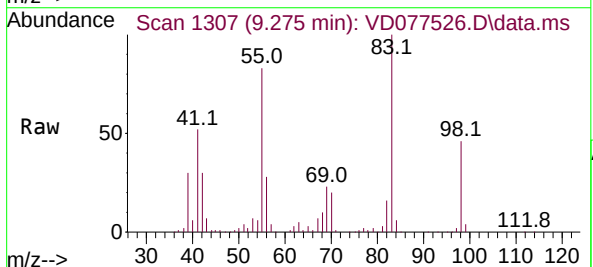
Instrument :
MSVOA_D
ClientSampleId :

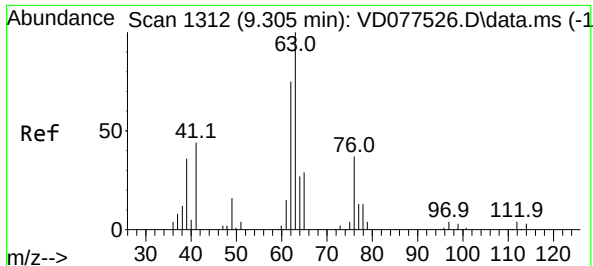
Tgt Ion: 95 Resp: 139779
Ion Ratio Lower Upper
95 100
97 60.5 42.4 78.6
132 84.8 59.4 110.2
130 89.3 62.5 116.1



#35
Methylcyclohexane
Concen: 23.790 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 83 Resp: 250113
Ion Ratio Lower Upper
83 100
55 83.1 66.5 99.7
98 46.8 37.4 56.2





#37

1,2-Dichloropropane

Concen: 23.377 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

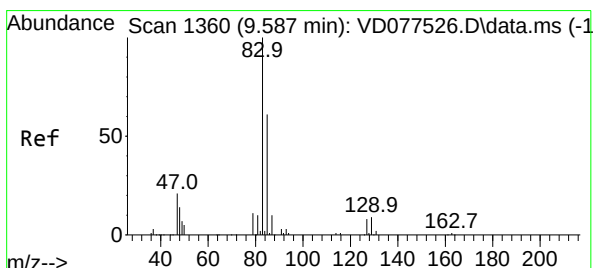
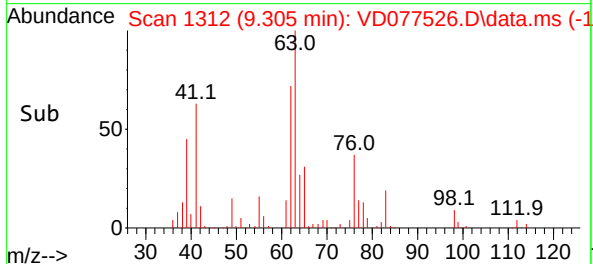
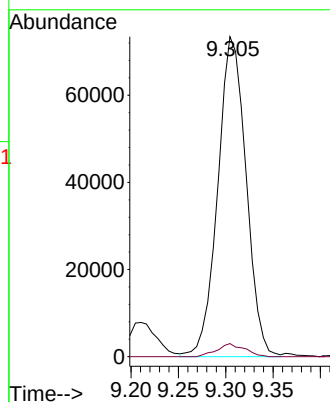
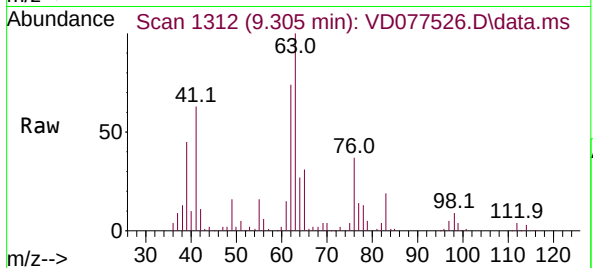
ClientSampleId :

Tgt Ion: 63 Resp: 152863

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 23.651 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

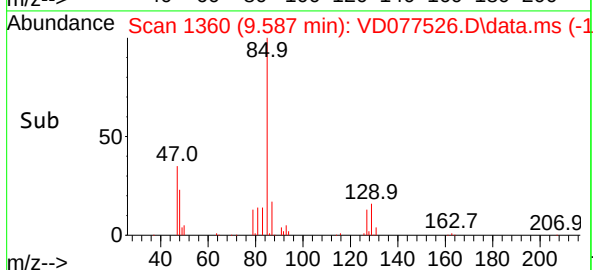
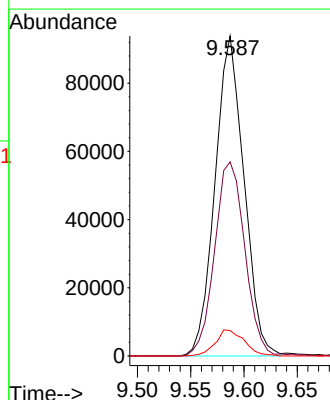
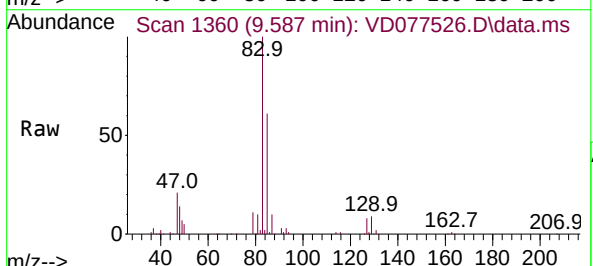
Tgt Ion: 83 Resp: 177399

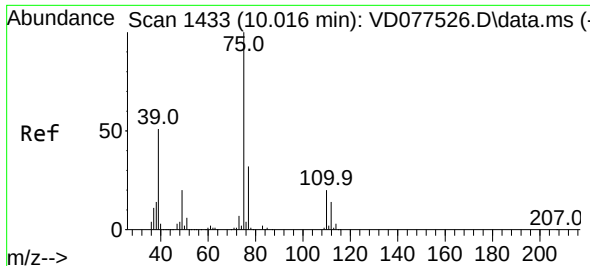
Ion Ratio Lower Upper

83 100

85 60.6 42.4 78.8

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 23.529 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

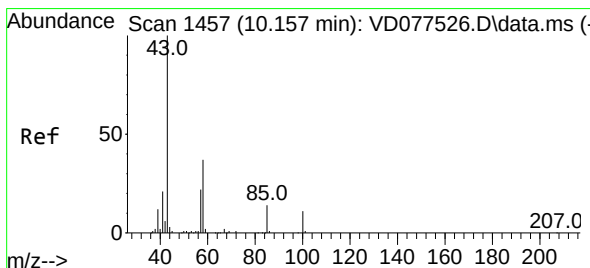
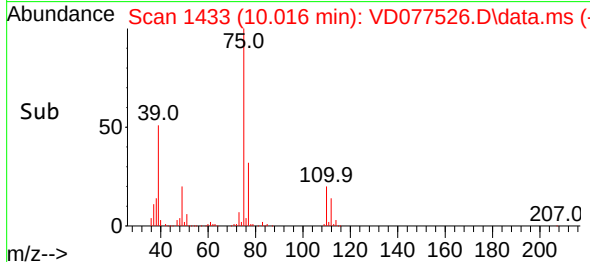
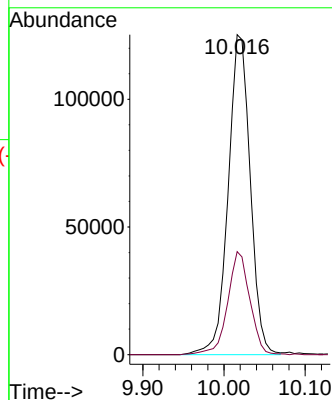
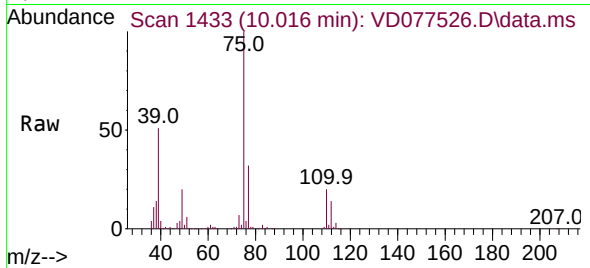
ClientSampleId :

Tgt Ion: 75 Resp: 236429

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 45.074 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

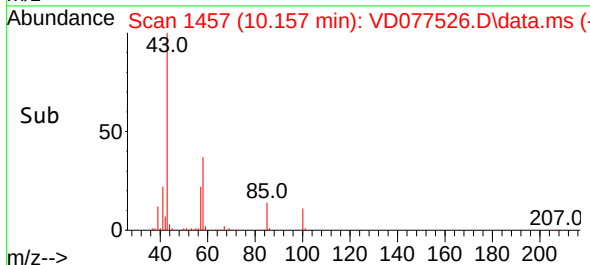
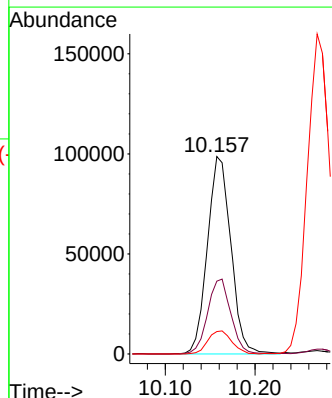
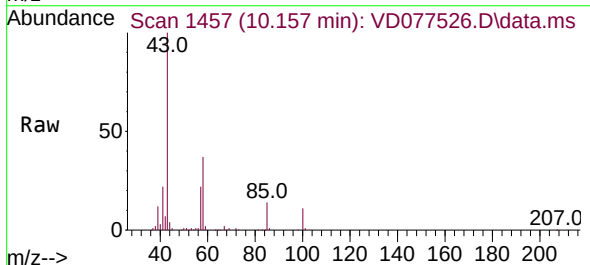
Tgt Ion: 43 Resp: 179615

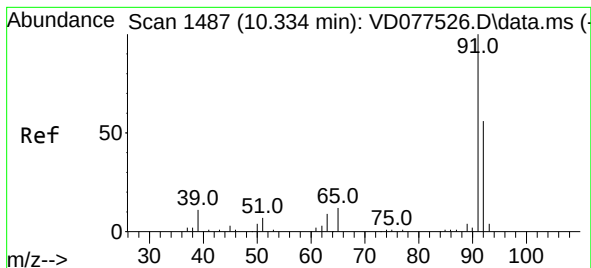
Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8

100 11.9 9.5 14.3





#42

Toluene

Concen: 23.919 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

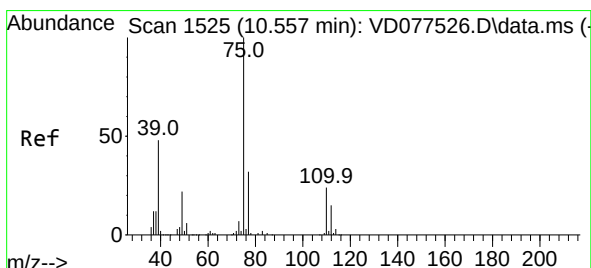
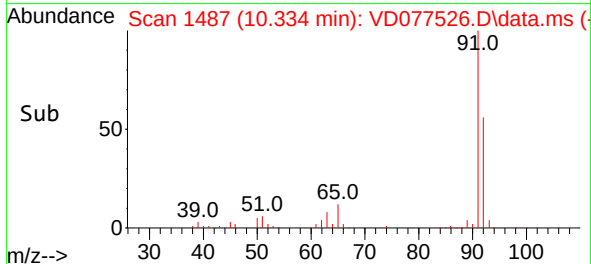
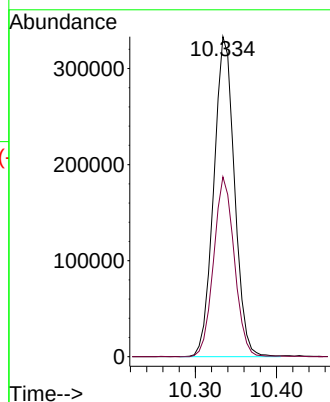
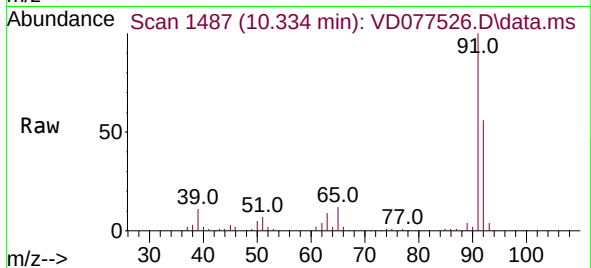
ClientSampleId :

Tgt Ion: 91 Resp: 590717

Ion Ratio Lower Upper

91 100

92 56.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.584 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD077526.D

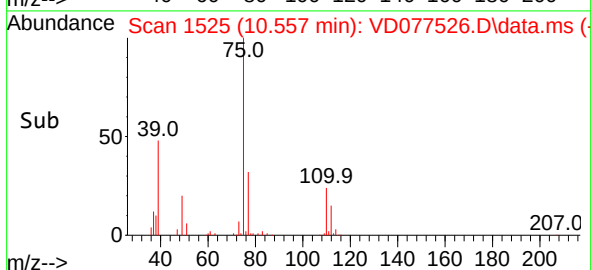
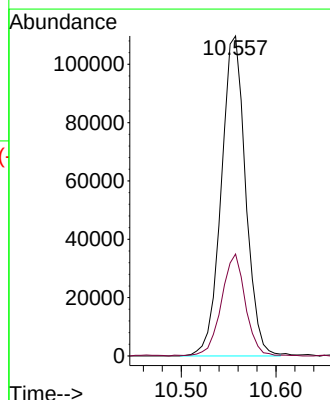
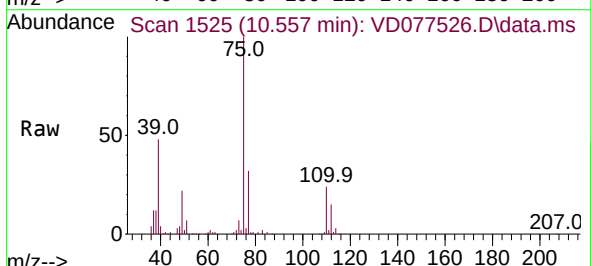
Acq: 09 Nov 2023 09:46

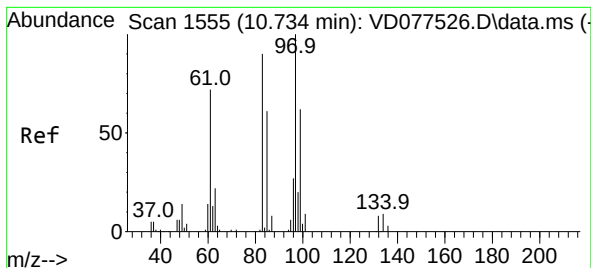
Tgt Ion: 75 Resp: 195816

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 23.303 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 93148

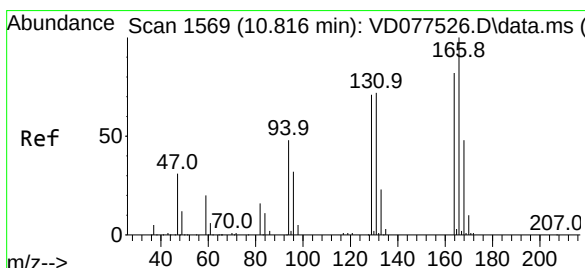
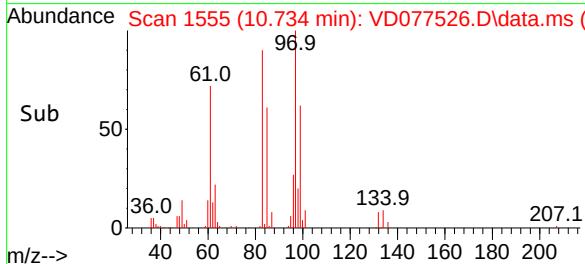
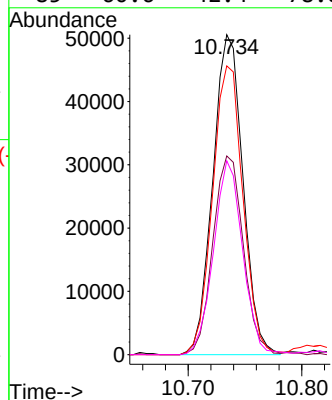
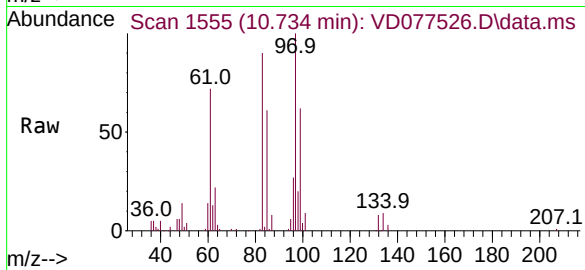
Ion Ratio Lower Upper

97 100

99 62.1 43.5 80.7

83 90.2 63.1 117.3

85 60.6 42.4 78.8



#46

Tetrachloroethene

Concen: 24.111 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Tgt Ion: 164 Resp: 103401

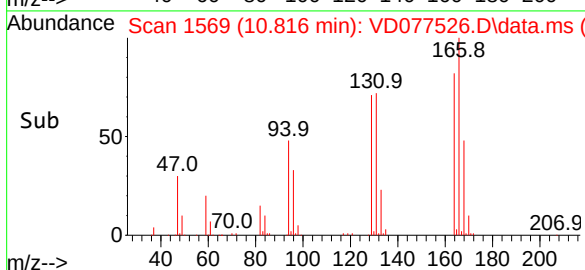
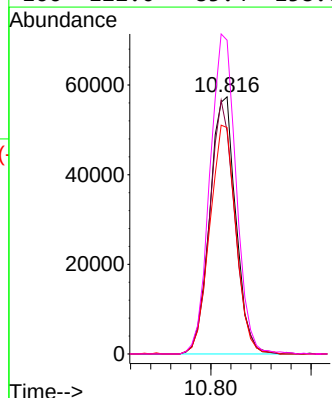
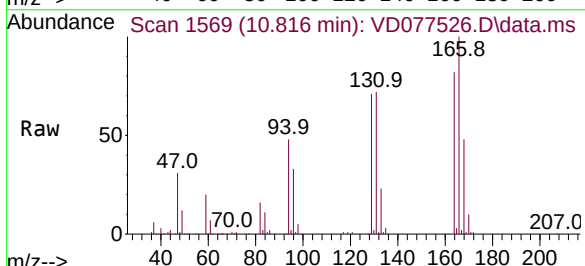
Ion Ratio Lower Upper

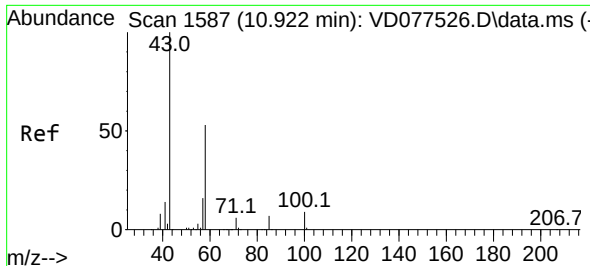
164 100

129 86.6 60.6 112.6

131 88.0 61.6 114.4

166 122.0 85.4 158.6

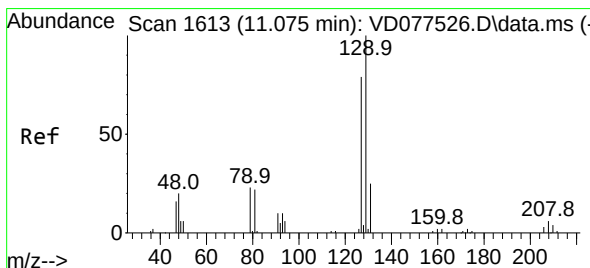
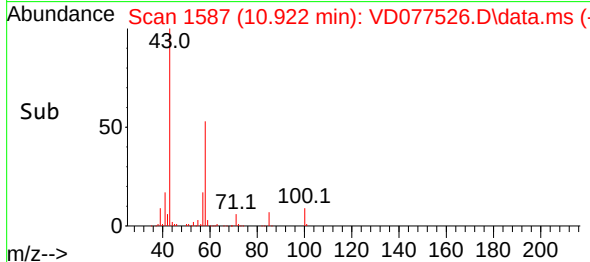
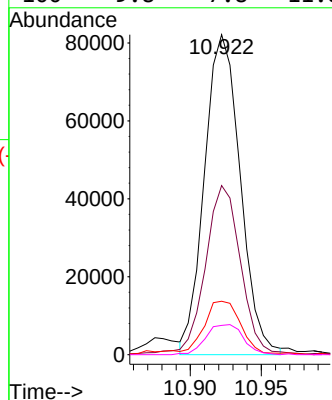
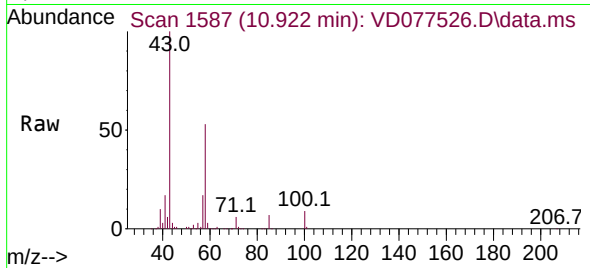




#48
2-Hexanone
Concen: 45.569 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

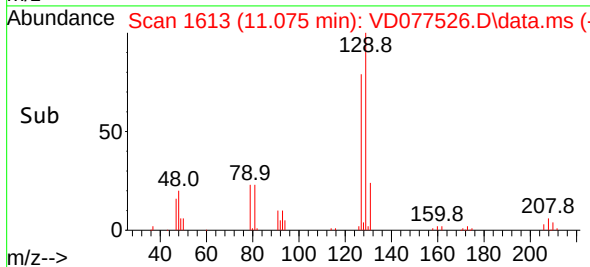
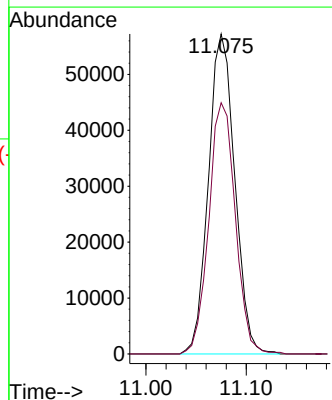
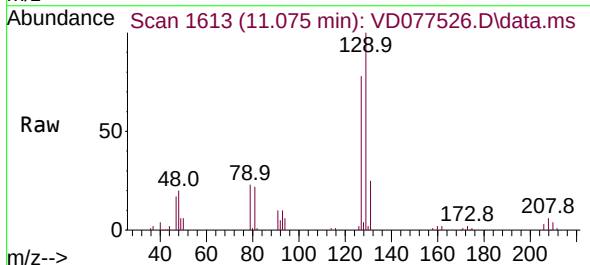
Instrument :
MSVOA_D
ClientSampleId :

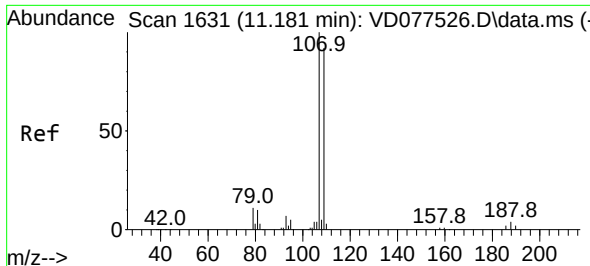
Tgt Ion: 43 Resp: 143936
Ion Ratio Lower Upper
43 100
58 51.0 40.8 61.2
57 17.1 13.7 20.5
100 9.8 7.8 11.8



#49
Dibromochloromethane
Concen: 22.980 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 129 Resp: 104340
Ion Ratio Lower Upper
129 100
127 78.5 54.9 102.1

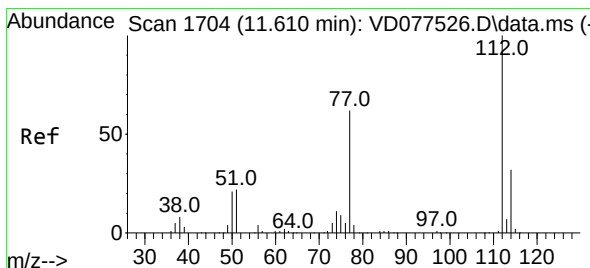
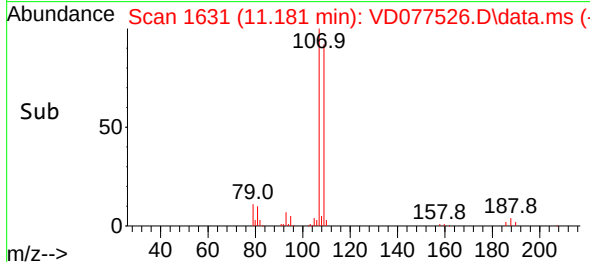
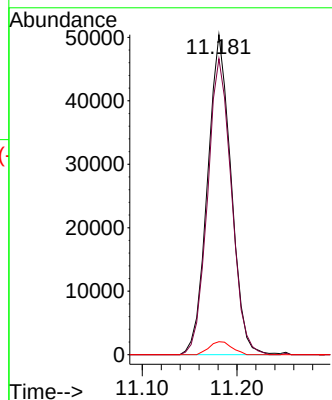
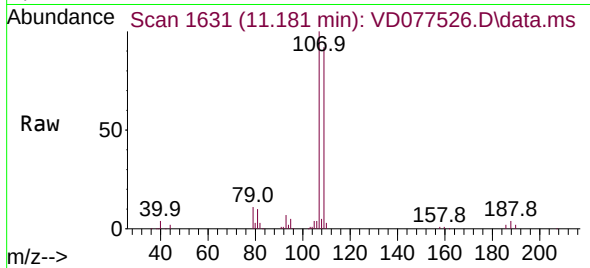




#50
1,2-Dibromoethane
Concen: 22.792 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

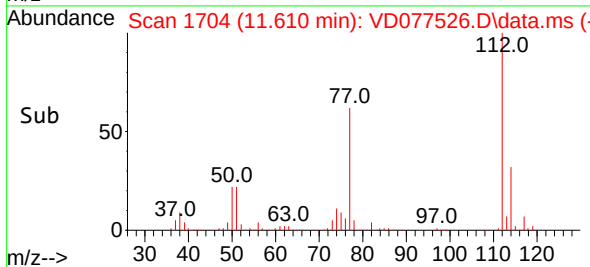
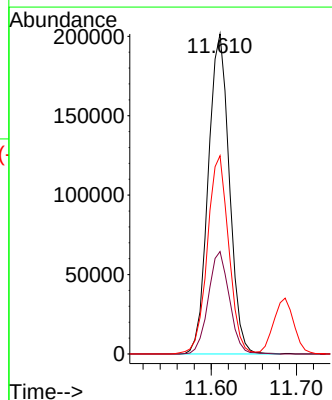
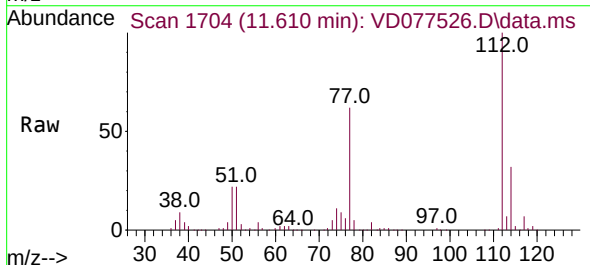
Instrument :
MSVOA_D
ClientSampleId :

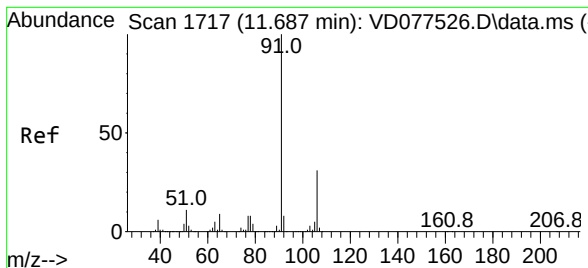
Tgt Ion:107 Resp: 87123
Ion Ratio Lower Upper
107 100
109 92.5 64.8 120.3
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 23.894 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion:112 Resp: 345713
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 62.0 49.6 74.4

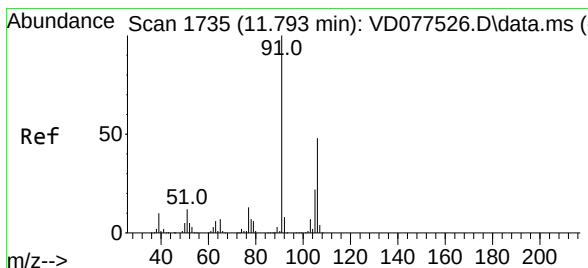
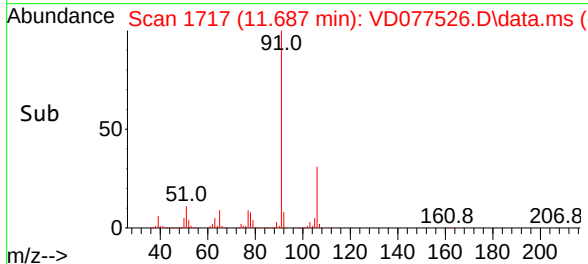
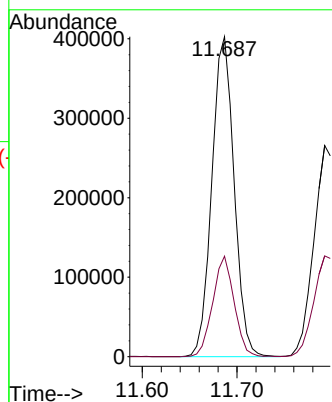
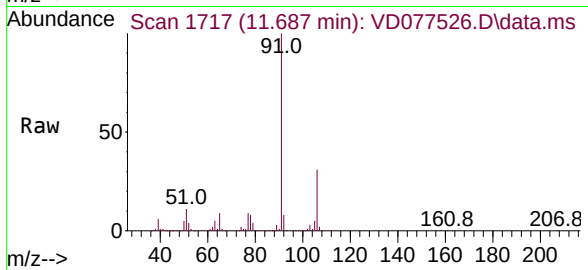




#52
Ethylbenzene
Concen: 24.145 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

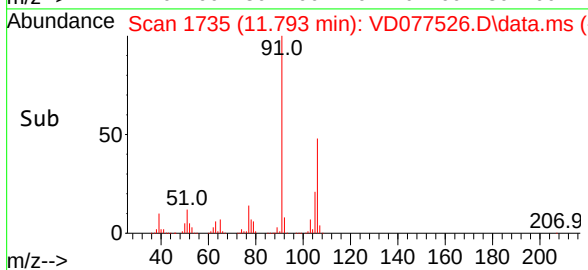
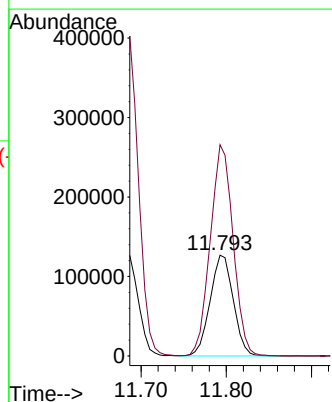
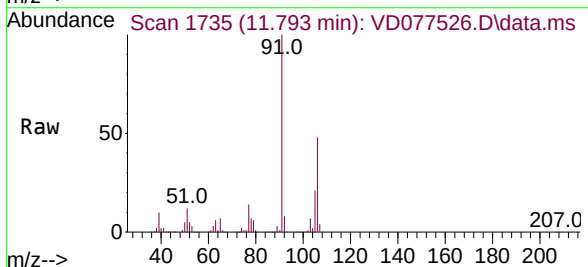
Instrument :
MSVOA_D
ClientSampleId :

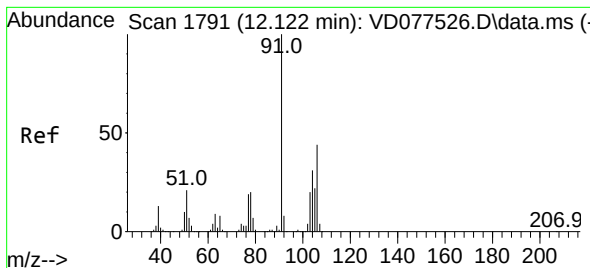
Tgt Ion: 91 Resp: 656100
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 24.195 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion: 106 Resp: 239249
Ion Ratio Lower Upper
106 100
91 209.5 146.7 272.4





#54

o-Xylene

Concen: 23.802 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

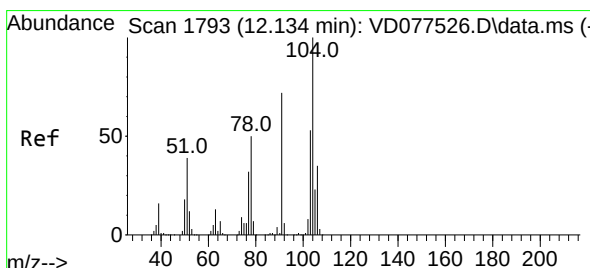
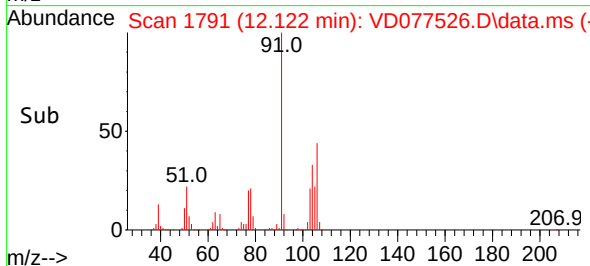
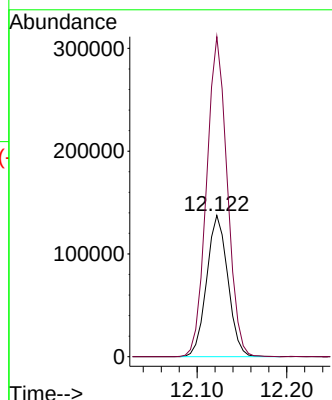
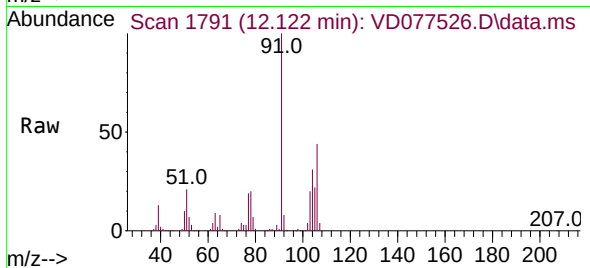
ClientSampleId :

Tgt Ion:106 Resp: 225416

Ion Ratio Lower Upper

106 100

91 226.5 158.5 294.4



#55

Styrene

Concen: 23.852 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077526.D

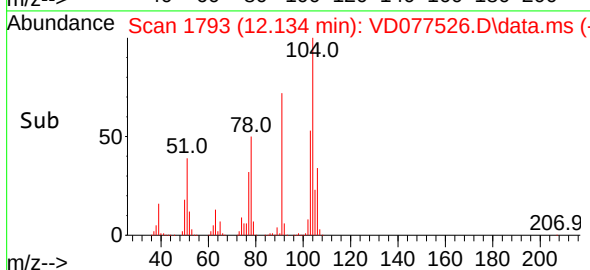
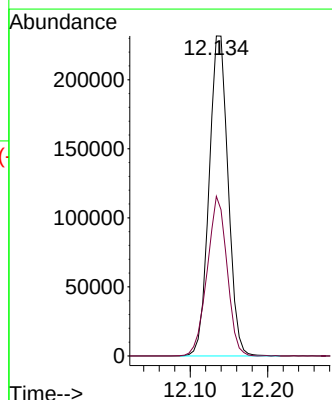
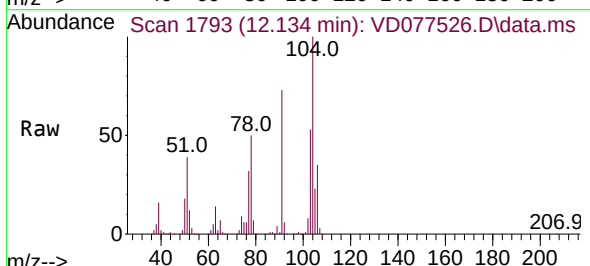
Acq: 09 Nov 2023 09:46

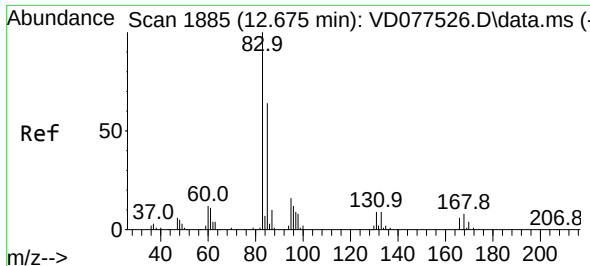
Tgt Ion:104 Resp: 394407

Ion Ratio Lower Upper

104 100

78 49.9 34.9 64.9

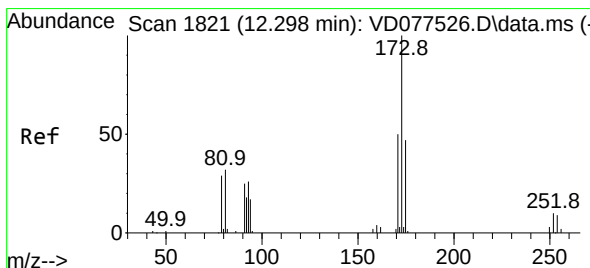
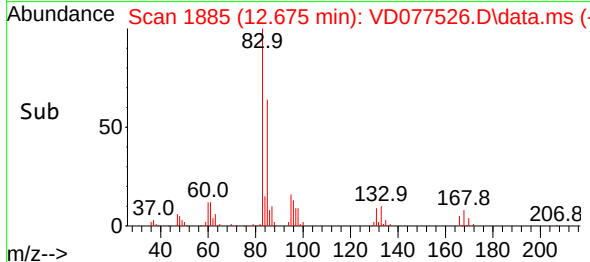
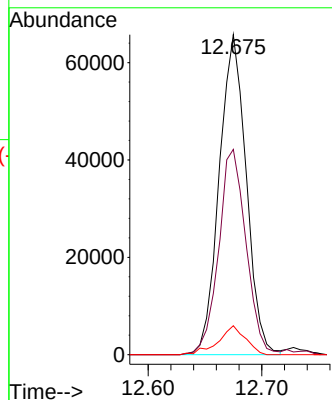
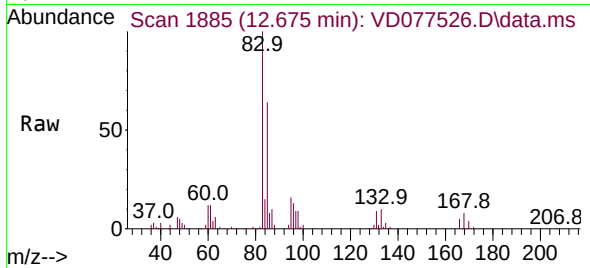




#57
1,1,2,2-Tetrachloroethane
Concen: 23.075 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

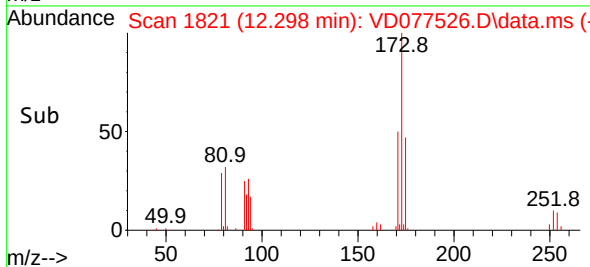
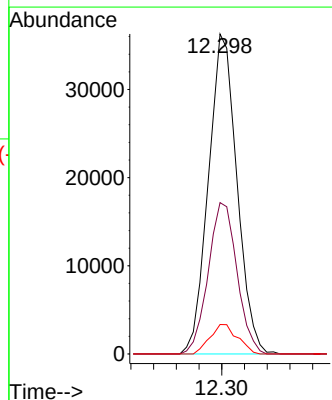
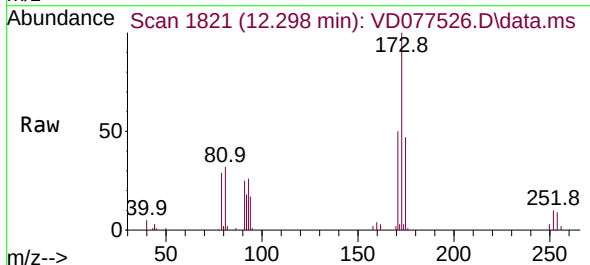
Instrument :
MSVOA_D
ClientSampleId :

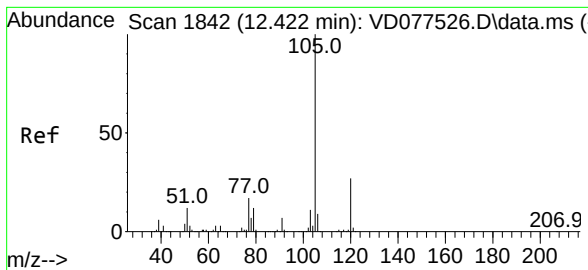
Tgt Ion: 83 Resp: 108654
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
131 9.0 7.2 10.8



#59
Bromoform
Concen: 22.928 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion:173 Resp: 63186
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 8.9 7.1 10.7

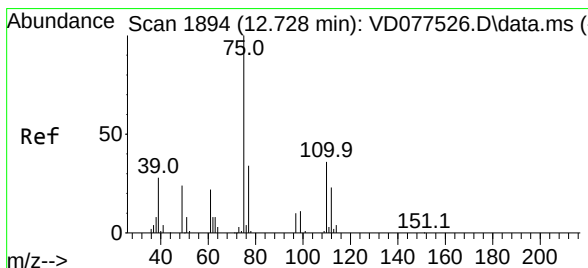
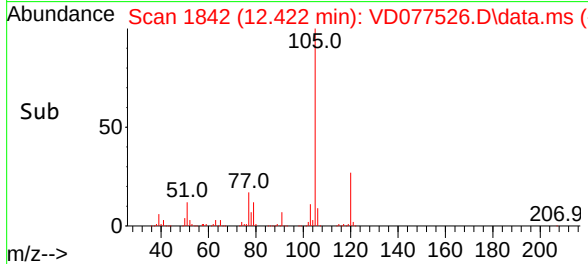
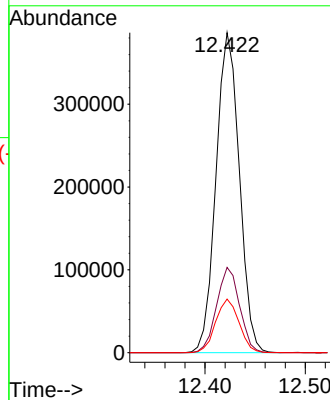
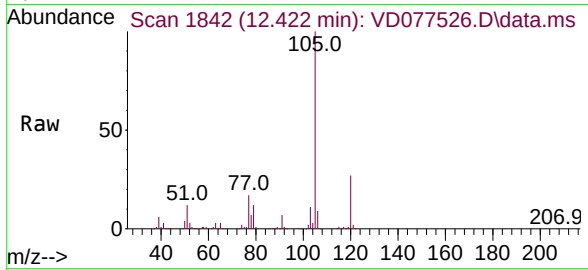




#60
Isopropylbenzene
Concen: 23.893 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

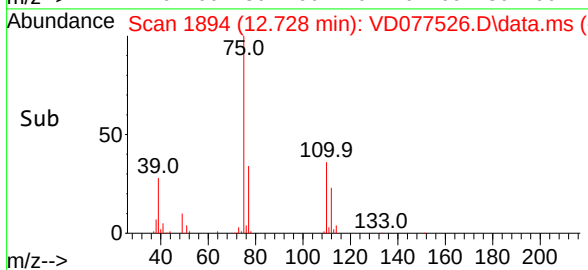
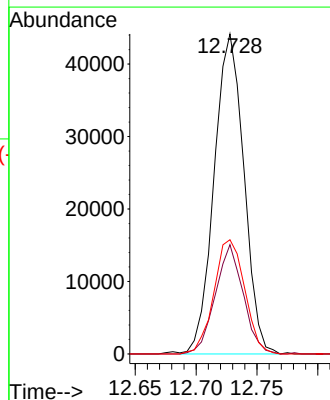
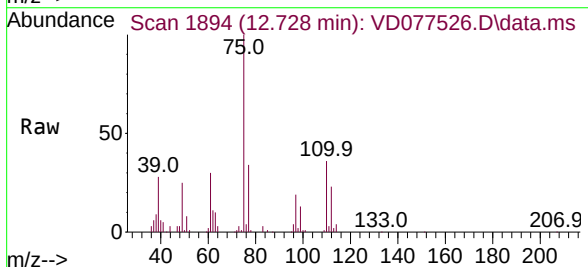
Instrument :
MSVOA_D
ClientSampleId :

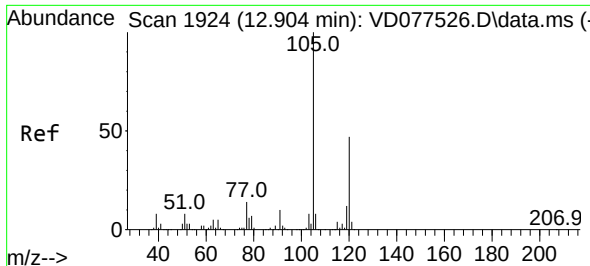
Tgt Ion:	105	Resp:	624704
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.4
77	16.8	13.4	20.2



#61
1,2,3-Trichloropropane
Concen: 21.802 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion:	75	Resp:	75066
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
110	37.0	29.6	44.4

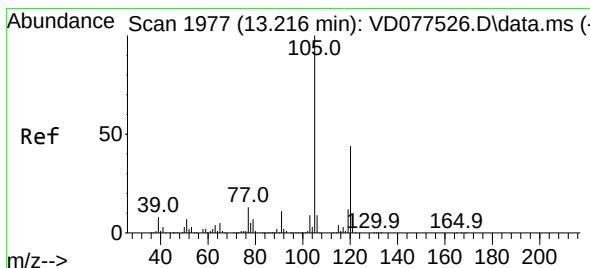
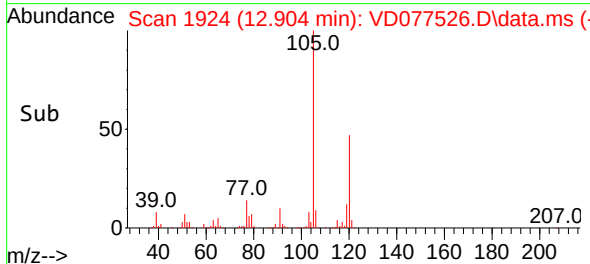
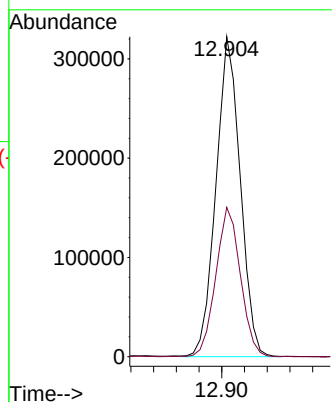
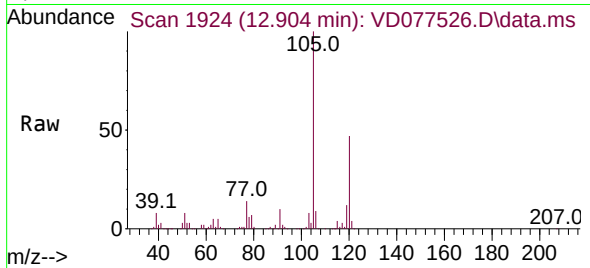




#62
1,3,5-Trimethylbenzene
Concen: 24.122 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

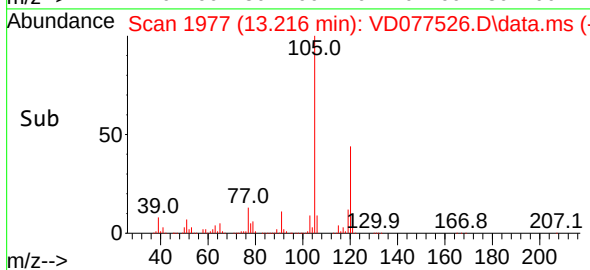
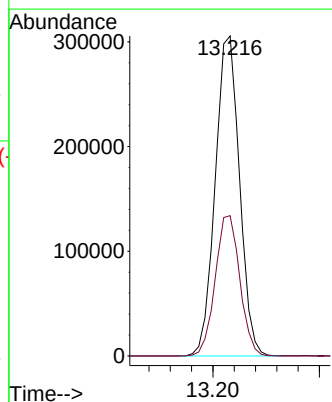
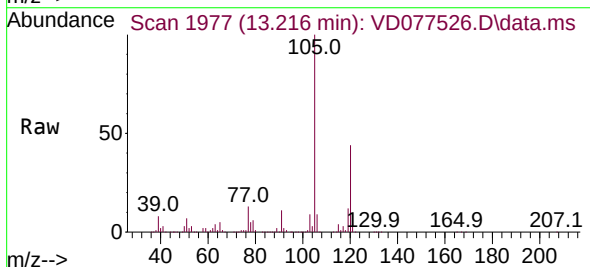
Instrument :
MSVOA_D
ClientSampleId :

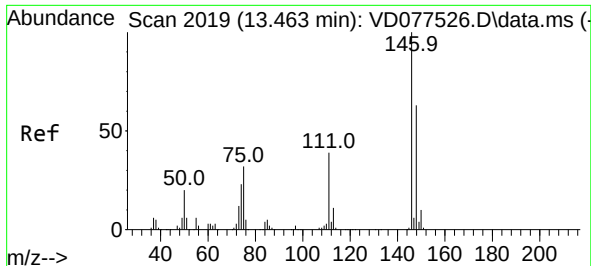
Tgt Ion:105 Resp: 478652
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 24.001 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion:105 Resp: 482426
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

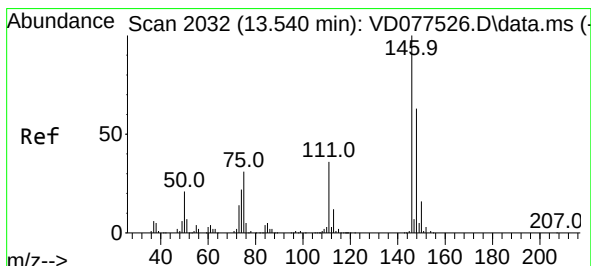
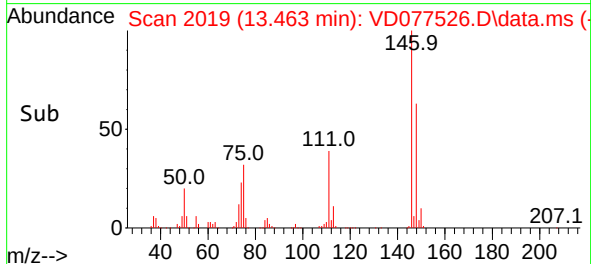
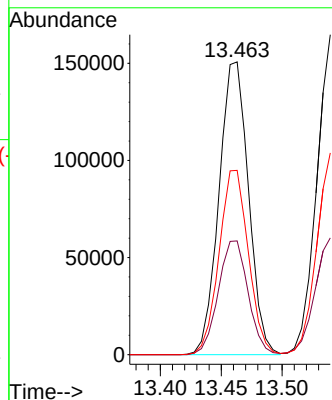
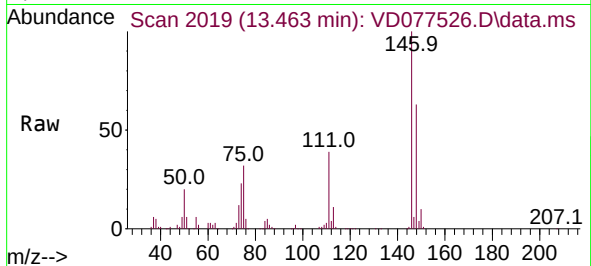




#64
1,3-Dichlorobenzene
Concen: 23.714 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

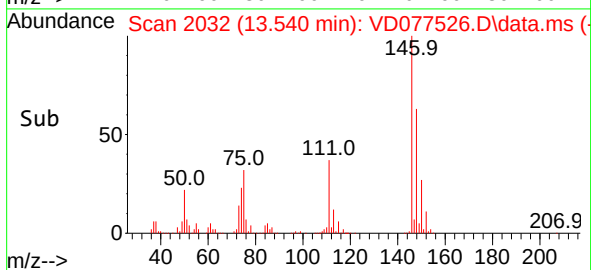
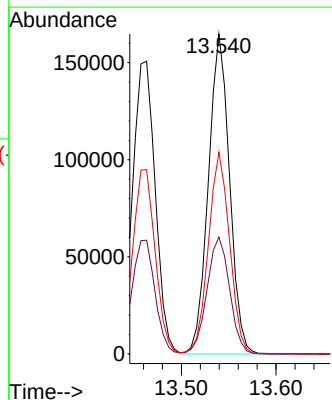
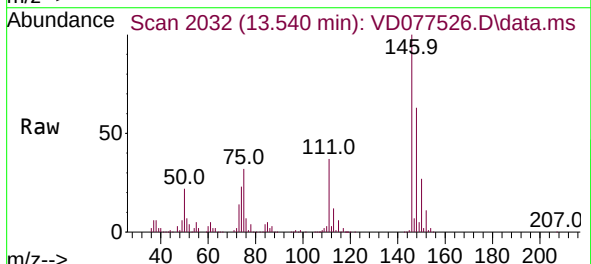
Instrument :
MSVOA_D
ClientSampleId :

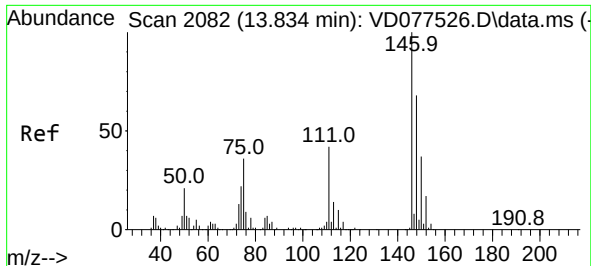
Tgt Ion:146 Resp: 254363
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.6
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 23.606 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077526.D
Acq: 09 Nov 2023 09:46

Tgt Ion:146 Resp: 255534
Ion Ratio Lower Upper
146 100
111 36.5 25.6 47.4
148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 23.179 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

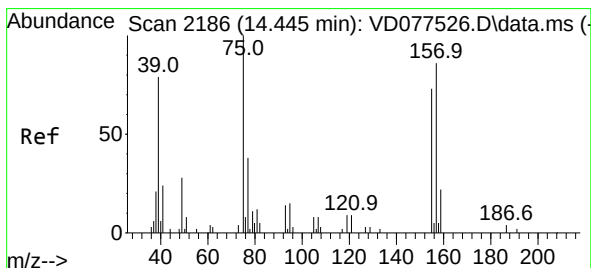
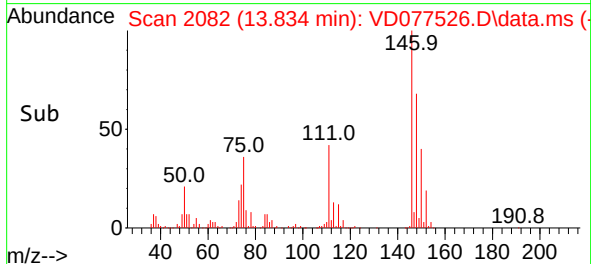
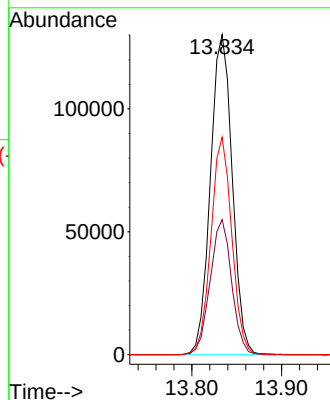
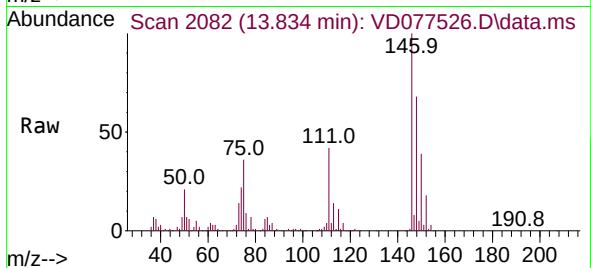
Tgt Ion:146 Resp: 219811

Ion Ratio Lower Upper

146 100

111 42.2 33.8 50.6

148 67.9 54.3 81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.595 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

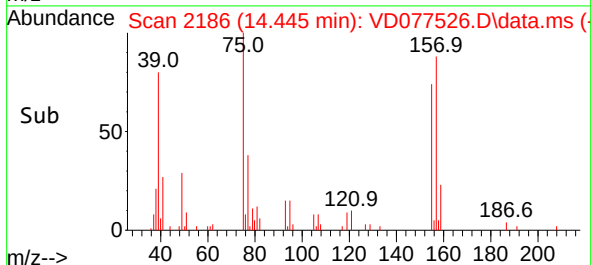
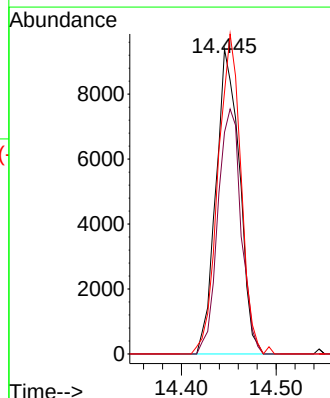
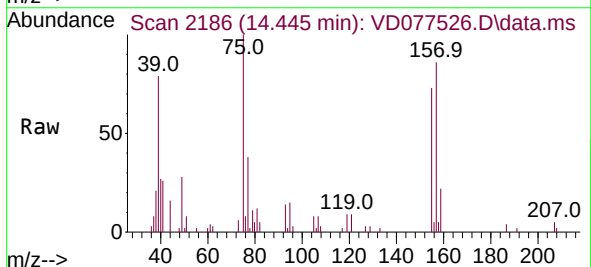
Tgt Ion: 75 Resp: 16173

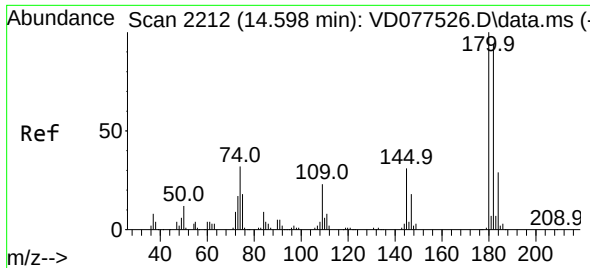
Ion Ratio Lower Upper

75 100

155 72.7 58.2 87.2

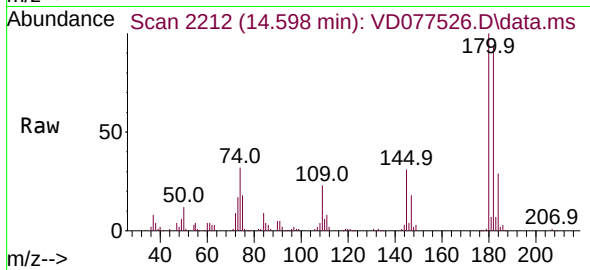
157 85.9 68.7 103.1



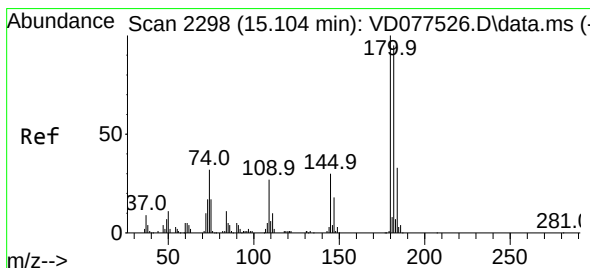
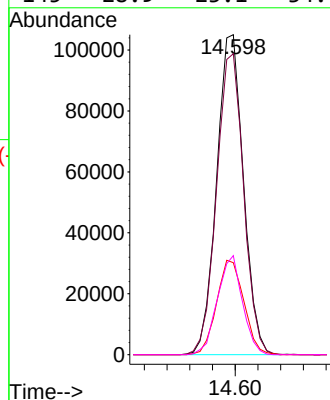
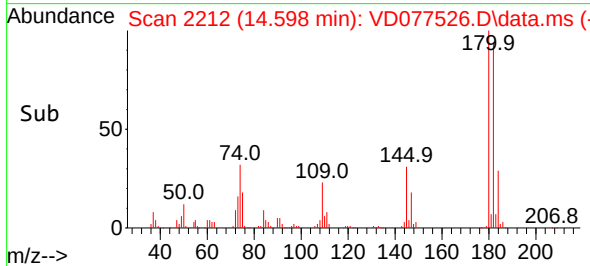


#69
 1,3,5-Trichlorobenzene
 Concen: 23.548 ug/L
 RT: 14.598 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD077526.D
 Acq: 09 Nov 2023 09:46

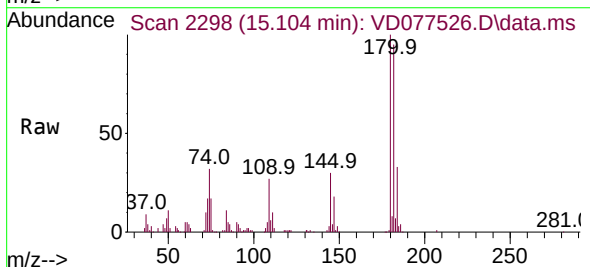
Instrument :
 MSVOA_D
 ClientSampleId :



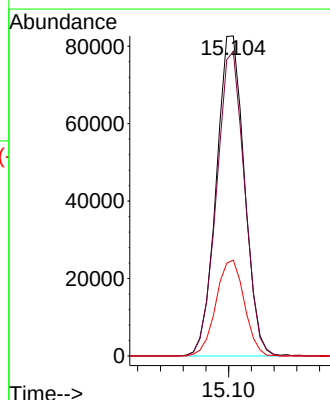
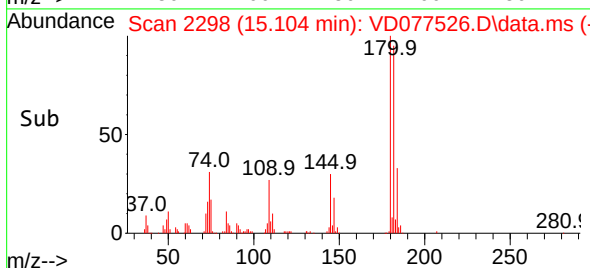
Tgt Ion:180 Resp: 171983
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 184 30.0 24.0 36.0
 145 28.9 23.1 34.7

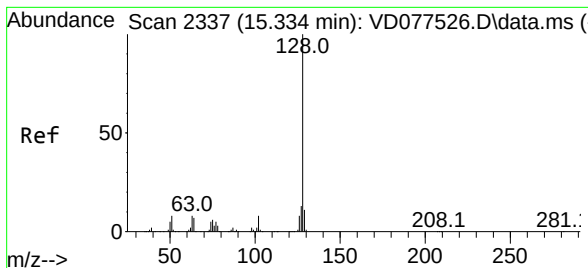


#70
 1,2,4-trichlorobenzene
 Concen: 23.072 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD077526.D
 Acq: 09 Nov 2023 09:46



Tgt Ion:180 Resp: 142014
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.6
 145 30.1 24.1 36.1





#71

Naphthalene

Concen: 22.445 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

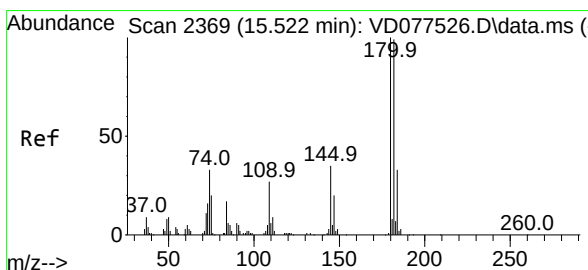
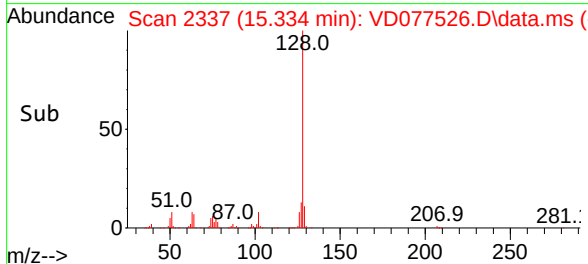
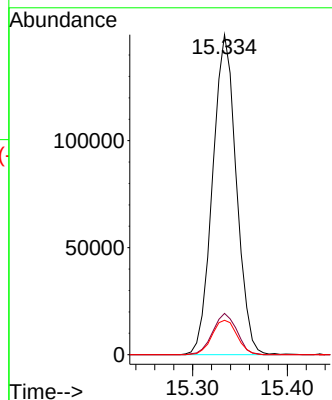
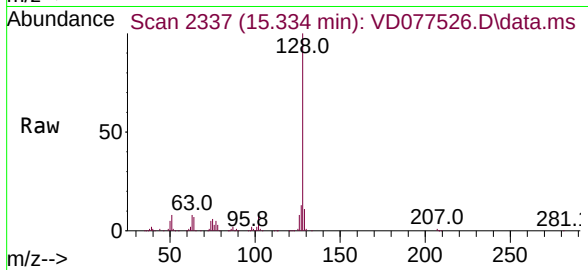
Tgt Ion:128 Resp: 260370

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.3 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 22.919 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077526.D

Acq: 09 Nov 2023 09:46

Tgt Ion:180 Resp: 120290

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 32.5 26.0 39.0

