

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078811.D
 Acq On : 11 Apr 2024 13:05
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 06:46:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	262913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	664949	95.591	ug/L	0.00
7) Chloroethane-d5	2.799	69	654218	99.842	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	133761	104.696	ug/L	0.00
21) 2-Butanone-d5	6.987	46	158774	241.427	ug/L	0.00
24) Chloroform-d	7.569	84	705096	114.374	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	358314	114.402	ug/L	0.00
32) Benzene-d6	8.199	84	1473205	109.966	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	414040	107.404	ug/L	0.00
41) Toluene-d8	10.269	98	1478352	117.015	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	203530	115.680	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	151953	243.985	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	406154	111.723	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	565764	115.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	351932	96.846	ug/L	98
3) Chloromethane	2.146	50	481922	92.562	ug/L	99
5) Vinyl chloride	2.281	62	784929	100.261	ug/L	99
6) Bromomethane	2.687	94	655497	115.204	ug/L	98
8) Chloroethane	2.834	64	574837	100.635	ug/L	94
9) Trichlorofluoromethane	3.169	101	571559	99.801	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	369600	99.812	ug/L #	89
12) 1,1-Dichloroethene	4.116	96	101	0.031	ug/L	75
13) Acetone	4.022	43	189366	222.011	ug/L	98
14) Carbon disulfide	4.269	76	1145149	101.883	ug/L	99
15) Methyl Acetate	4.563	43	136490	108.063	ug/L	96
16) Methylene chloride	4.799	84	382856	87.503	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	395056	107.035	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	855196	121.116	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	590749	100.462	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	441003	109.907	ug/L	95
22) 2-Butanone	7.081	43	239977	229.469	ug/L	94
23) Bromochloromethane	7.428	128	206463	104.294	ug/L	92
25) Chloroform	7.593	83	692202	99.893	ug/L	95
27) 1,2-Dichloroethane	8.328	62	412130	105.821	ug/L	100
29) Cyclohexane	7.881	56	494927	110.806	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	572622	96.836	ug/L	98
31) Carbon tetrachloride	7.993	117	520626	98.205	ug/L	99
33) Benzene	8.252	78	1592813	106.847	ug/L	100
34) Trichloroethene	9.028	95	408792	102.794	ug/L	95
35) Methylcyclohexane	9.275	83	666381	112.796	ug/L	97
37) 1,2-Dichloropropane	9.304	63	381380	99.774	ug/L	100
38) Bromodichloromethane	9.587	83	523155	99.475	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	663737	113.051	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	392665	224.902	ug/L	97
42) Toluene	10.334	91	1836453	111.282	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	580464	112.824	ug/L	97

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 Quant Title : SFAM01.0
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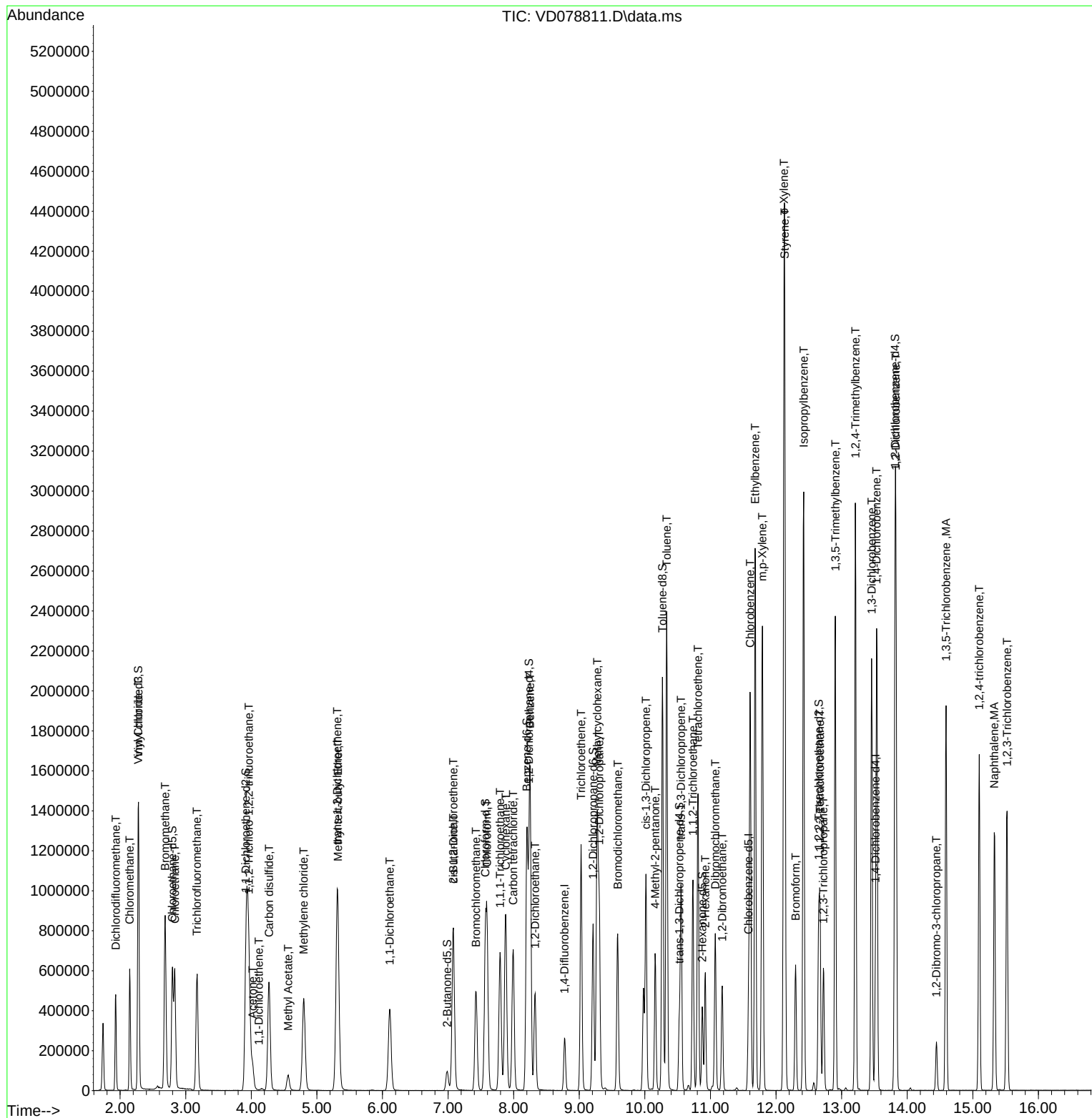
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	349602	104.739	ug/L	99
46) Tetrachloroethene	10.810	164	354738	106.526	ug/L	92
48) 2-Hexanone	10.922	43	333940	243.025	ug/L	97
49) Dibromochloromethane	11.075	129	417700	108.073	ug/L	98
50) 1,2-Dibromoethane	11.181	107	343264	105.824	ug/L	97
51) Chlorobenzene	11.604	112	1181267	106.126	ug/L	99
52) Ethylbenzene	11.681	91	1983704	114.323	ug/L	99
53) m,p-Xylene	11.793	106	792113	115.887	ug/L	94
54) o-Xylene	12.122	106	809653	122.544	ug/L	94
55) Styrene	12.134	104	1471481	124.269	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	406562	105.513	ug/L	99
59) Bromoform	12.298	173	288005	102.629	ug/L	99
60) Isopropylbenzene	12.422	105	2020327	111.517	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	252962	95.730	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1274639	116.059	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1587588	117.798	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	953776	105.777	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	988381	103.652	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	917290	107.989	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	56233	93.469	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	628247	108.345	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	543814	111.209	ug/L	98
71) Naphthalene	15.328	128	1171756	123.453	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	506915	113.219	ug/L	98

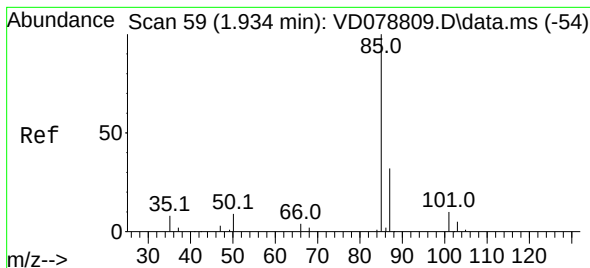
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#2

Dichlorodifluoromethane

Concen: 96.846 ug/L

RT: 1.934 min Scan# 50

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

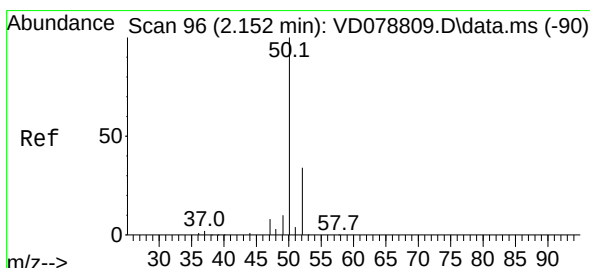
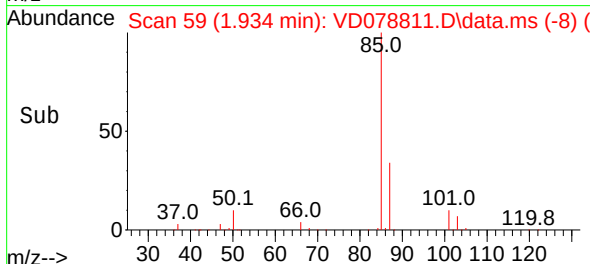
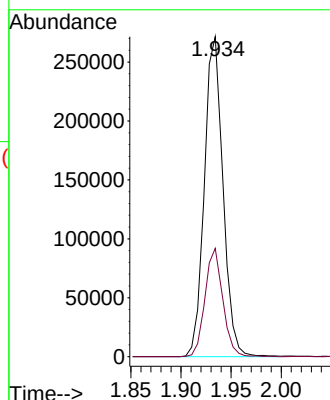
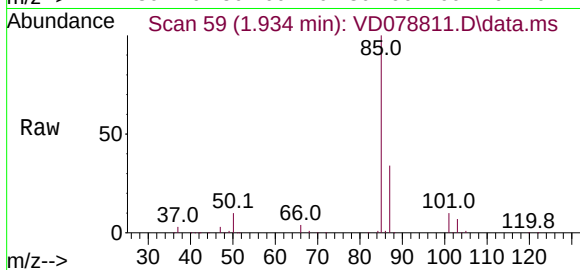
ClientSampleId :

Tgt Ion: 85 Resp: 351932

Ion Ratio Lower Upper

85 100

87 32.2 26.5 39.7



#3

Chloromethane

Concen: 92.562 ug/L

RT: 2.146 min Scan# 95

Delta R.T. -0.006 min

Lab File: VD078811.D

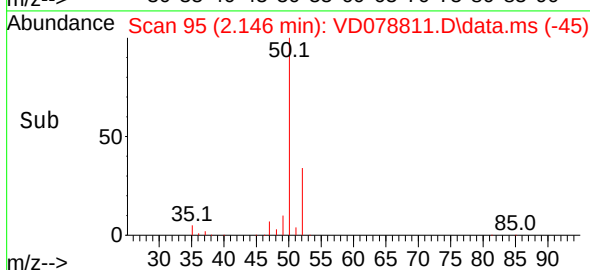
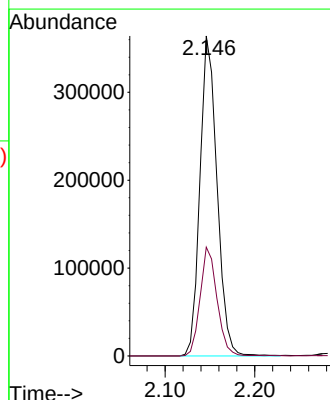
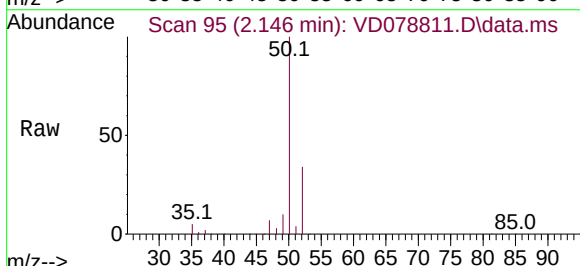
Acq: 11 Apr 2024 13:05

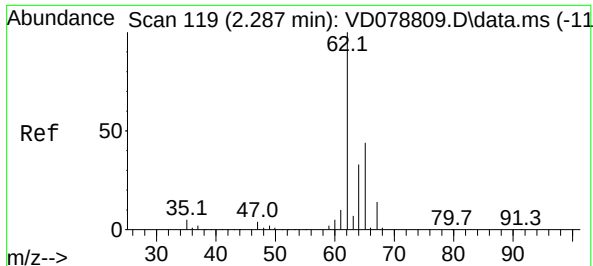
Tgt Ion: 50 Resp: 481922

Ion Ratio Lower Upper

50 100

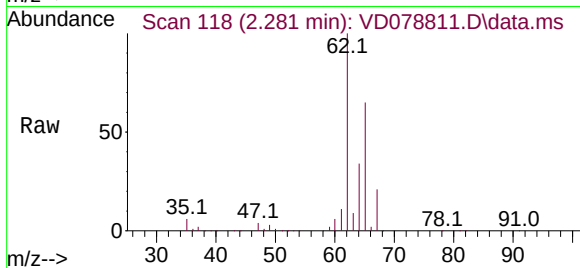
52 34.0 23.6 43.8



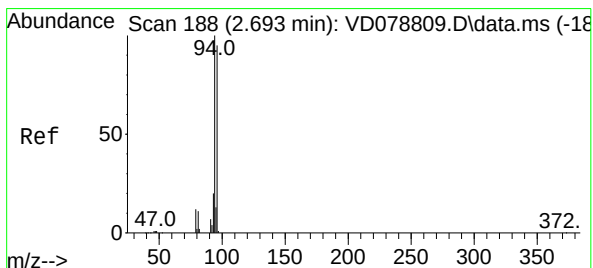
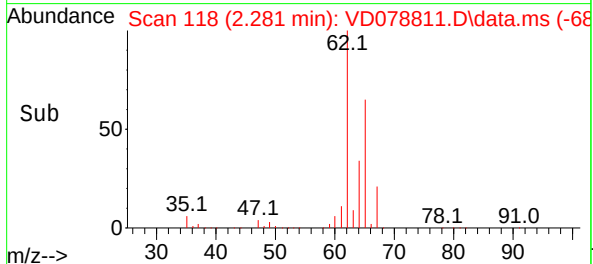
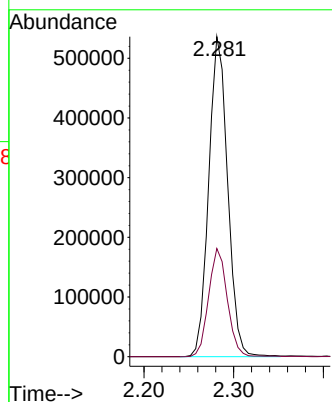


#5
 Vinyl chloride
 Concen: 100.261 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078811.D
 Acq: 11 Apr 2024 13:05

Instrument :
 MSVOA_D
 ClientSampleId :

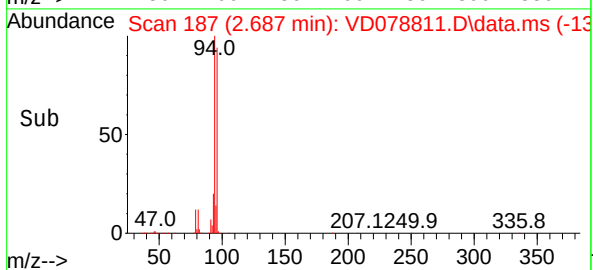
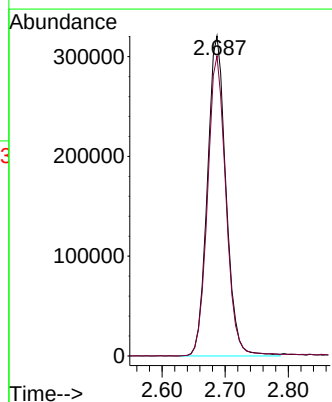
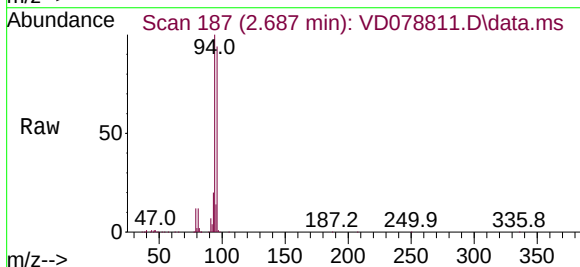


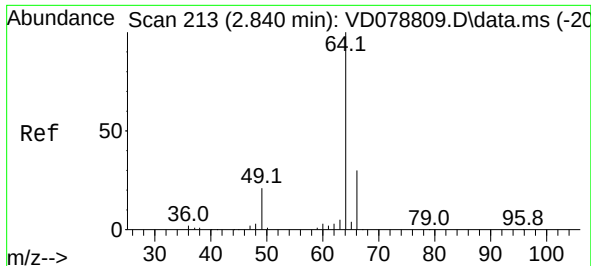
Tgt Ion: 62 Resp: 784929
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 115.204 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD078811.D
 Acq: 11 Apr 2024 13:05

Tgt Ion: 94 Resp: 655497
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.9 124.3

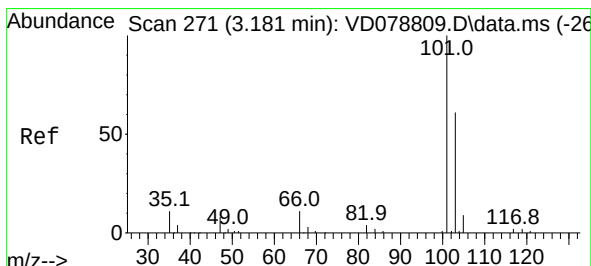
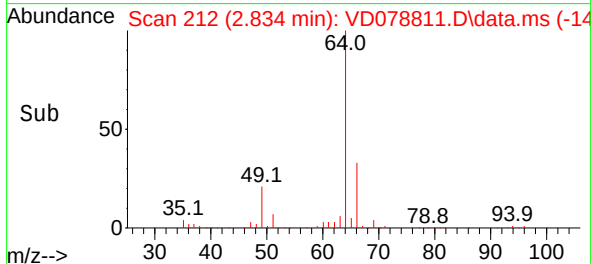
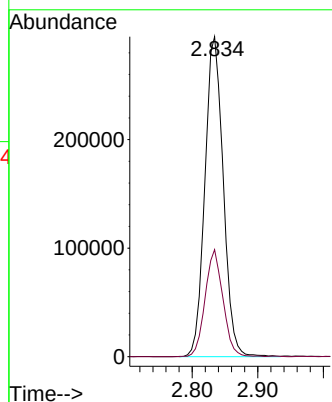
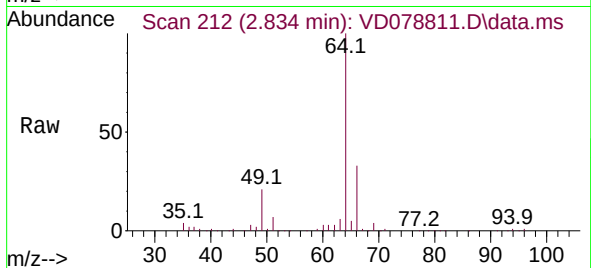




#8
Chloroethane
Concen: 100.635 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

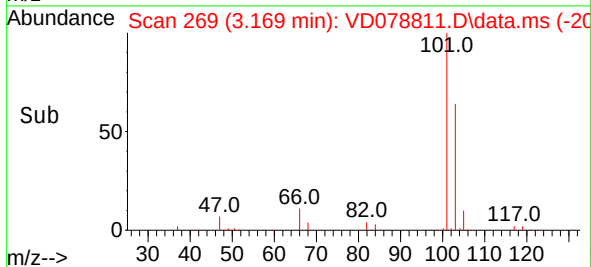
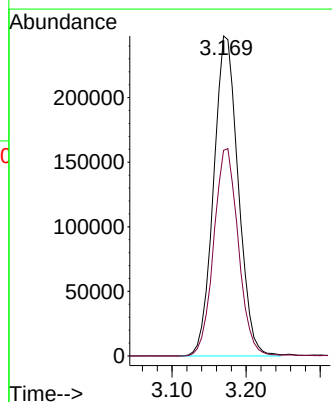
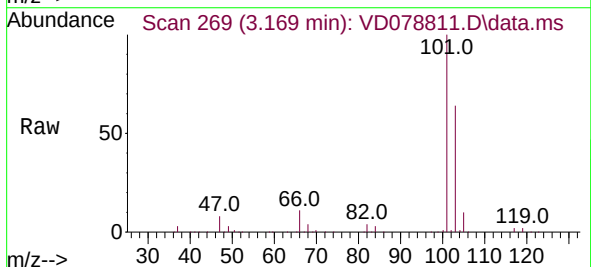
Instrument :
MSVOA_D
ClientSampleId :

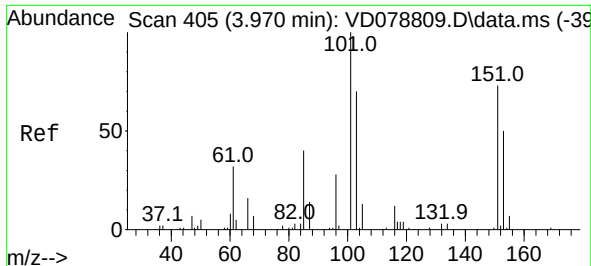
Tgt Ion: 64 Resp: 574837
Ion Ratio Lower Upper
64 100
66 33.5 21.0 39.0



#9
Trichlorofluoromethane
Concen: 99.801 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.012 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion:101 Resp: 571559
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

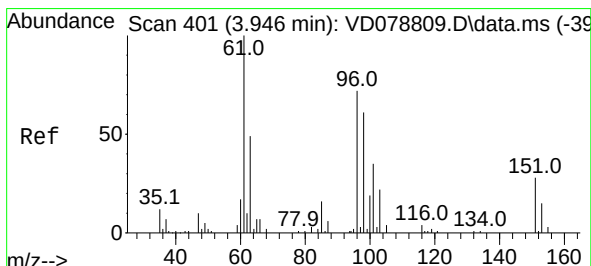
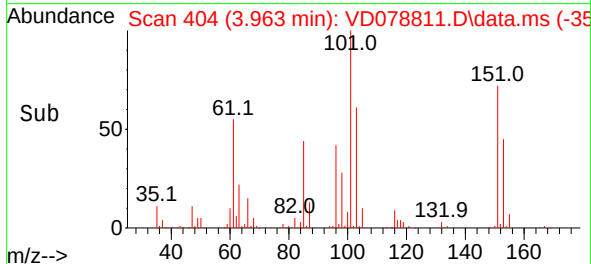
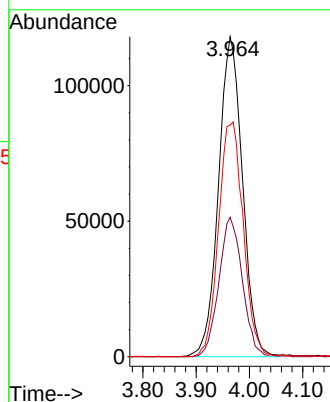
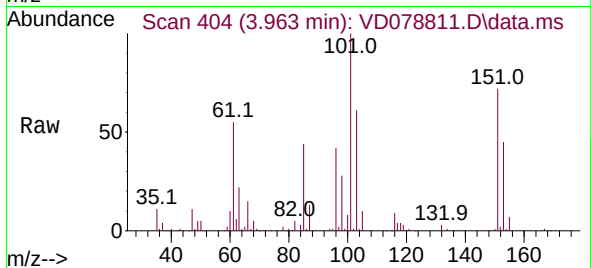




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 99.812 ug/L
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

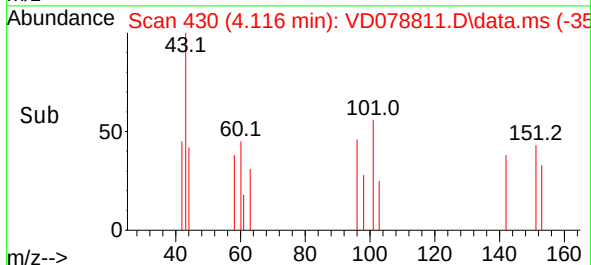
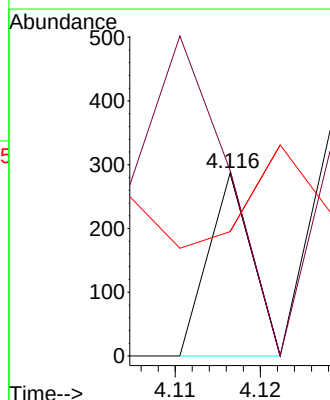
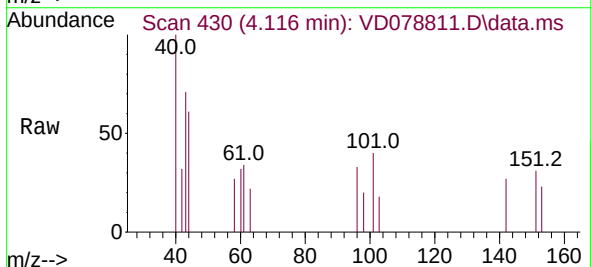
Instrument :
MSVOA_D
ClientSampleId :

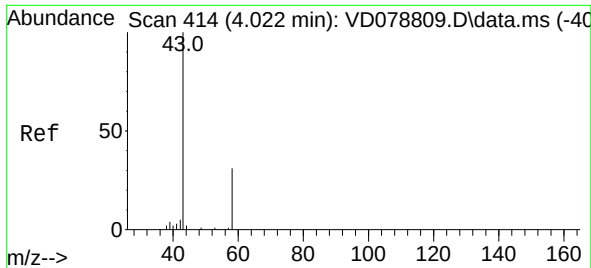
Tgt Ion:101 Resp: 369600
Ion Ratio Lower Upper
101 100
85 42.5 19.5 29.3#
151 75.3 61.9 92.9



#12
1,1-Dichloroethene
Concen: 0.031 ug/L
RT: 4.116 min Scan# 430
Delta R.T. 0.170 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

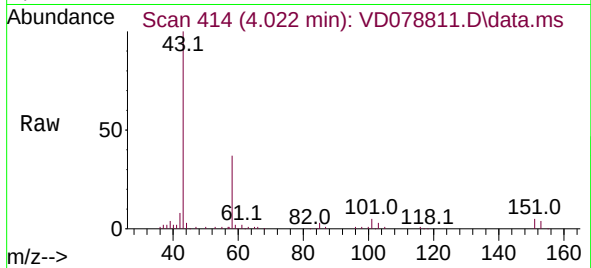
Tgt Ion: 96 Resp: 101
Ion Ratio Lower Upper
96 100
61 101.4 99.0 183.8
63 67.9 55.2 102.6



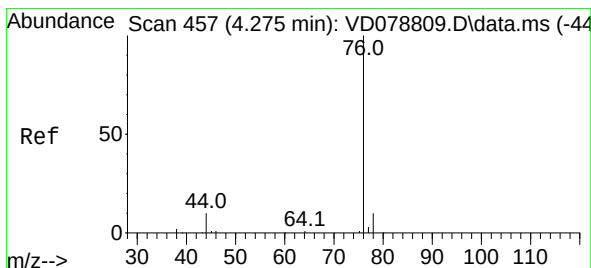
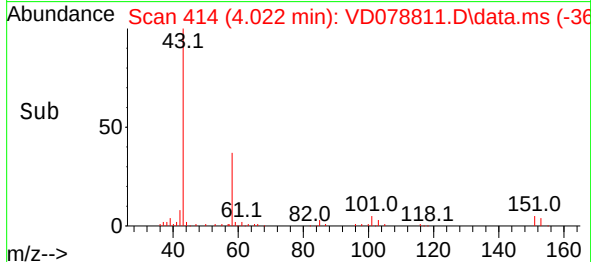
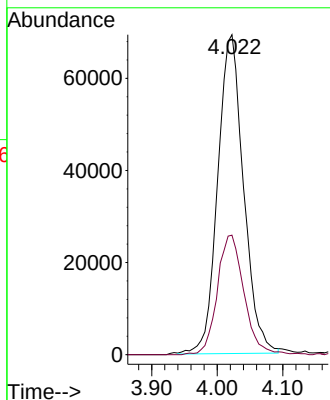


#13
Acetone
Concen: 222.011 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078811.D
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MSVOA_D
ClientSampleId :

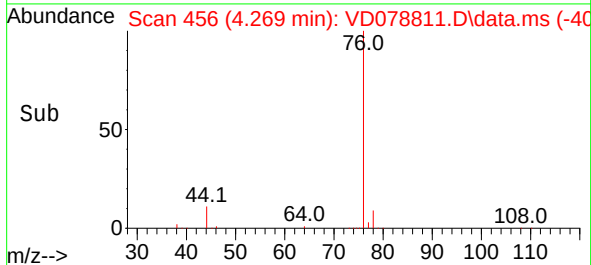
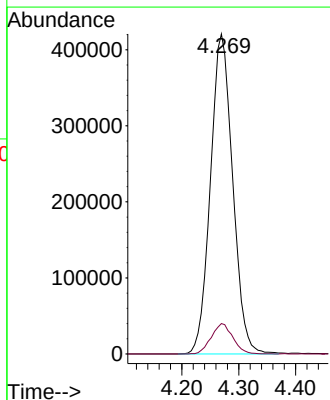
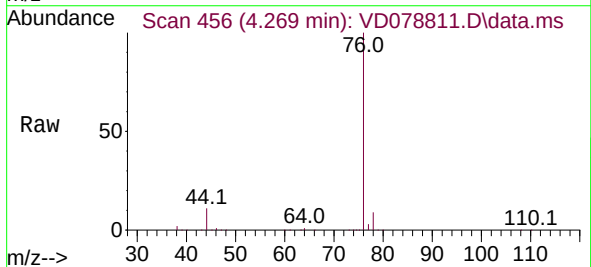


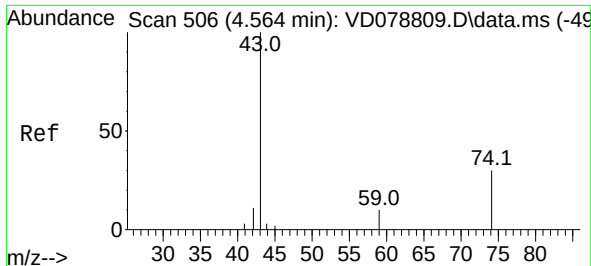
Tgt Ion: 43 Resp: 189366
Ion Ratio Lower Upper
43 100
58 38.1 0.0 78.6



#14
Carbon disulfide
Concen: 101.883 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 76 Resp: 1145149
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6





#15

Methyl Acetate

Concen: 108.063 ug/L

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

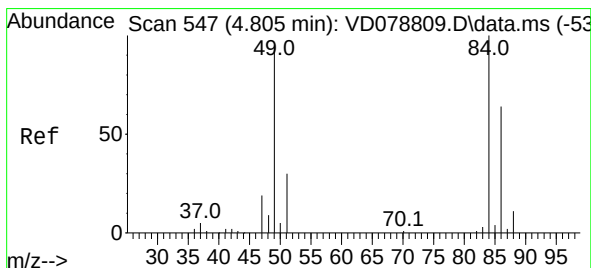
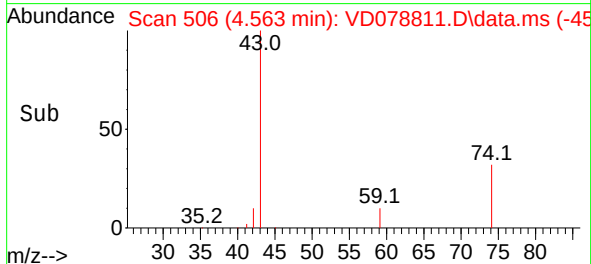
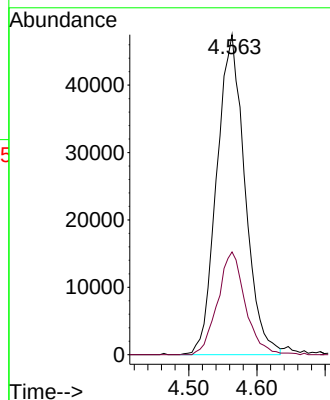
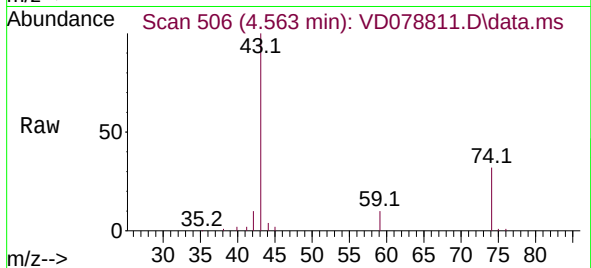
ClientSampleId :

Tgt Ion: 43 Resp: 136490

Ion Ratio Lower Upper

43 100

74 31.3 23.4 35.2



#16

Methylene chloride

Concen: 87.503 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

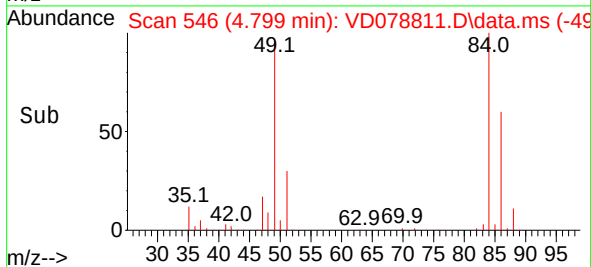
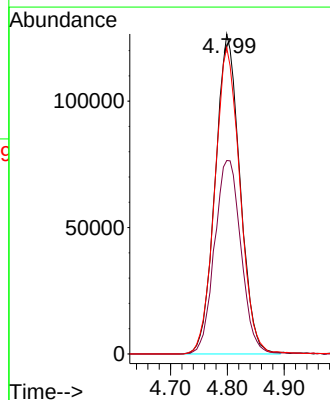
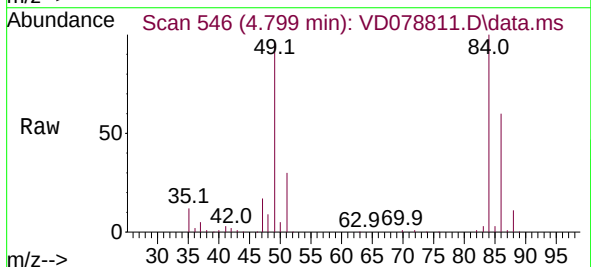
Tgt Ion: 84 Resp: 382856

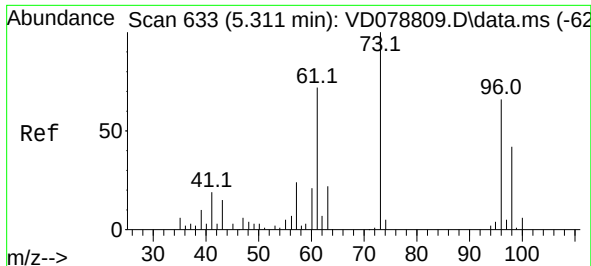
Ion Ratio Lower Upper

84 100

86 60.5 44.7 83.1

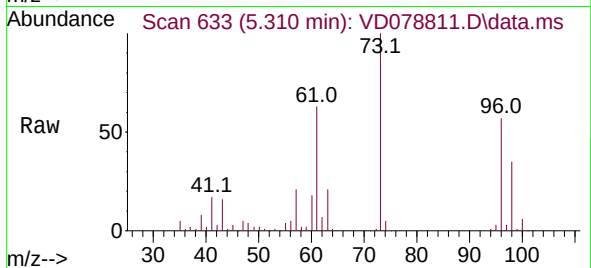
49 95.7 67.1 124.5



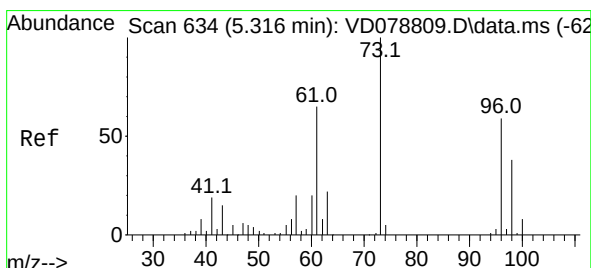
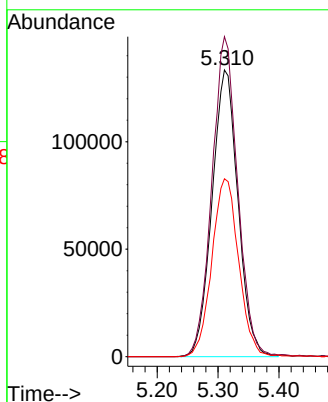
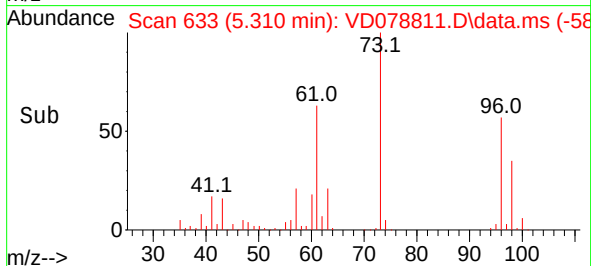


#17
trans-1,2-Dichloroethene
Concen: 107.035 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

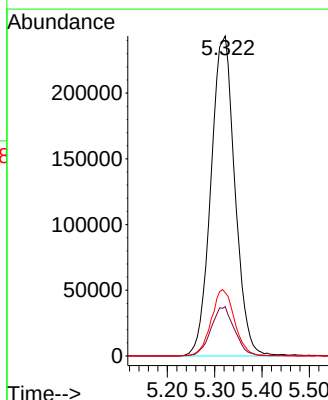
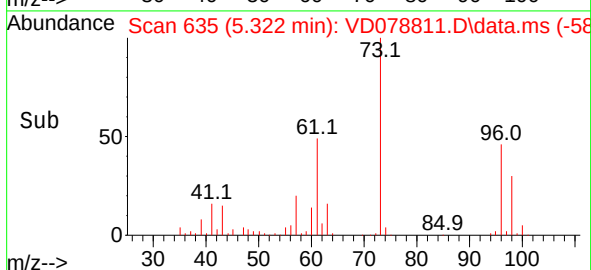
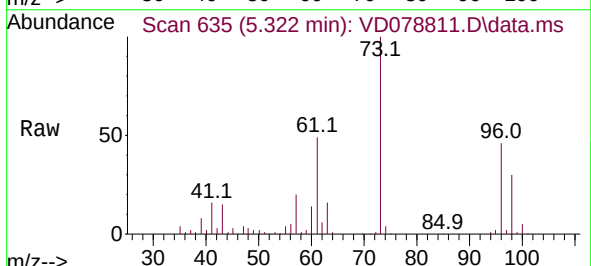


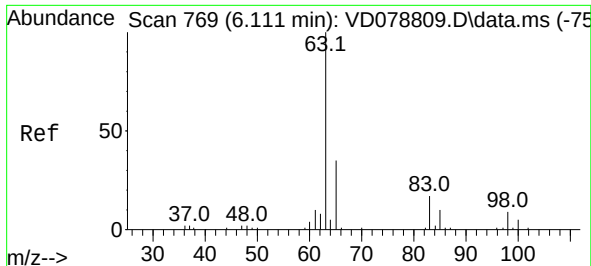
Tgt Ion: 96 Resp: 395056
Ion Ratio Lower Upper
96 100
61 111.6 76.2 141.6
98 62.1 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 121.116 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

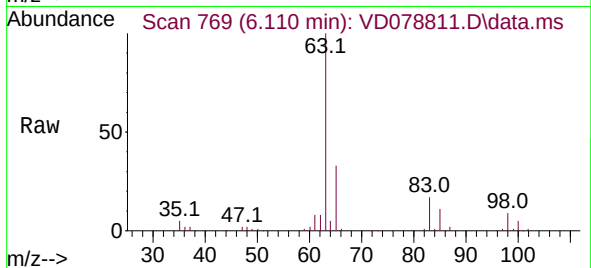
Tgt Ion: 73 Resp: 855196
Ion Ratio Lower Upper
73 100
43 15.2 7.0 10.4#
57 20.2 17.4 26.0



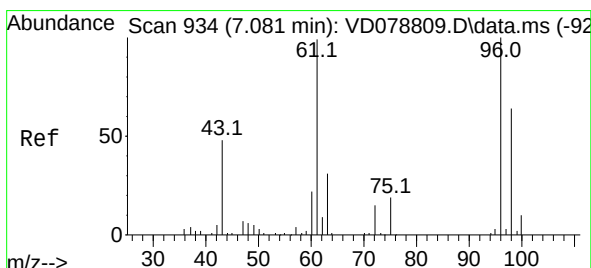
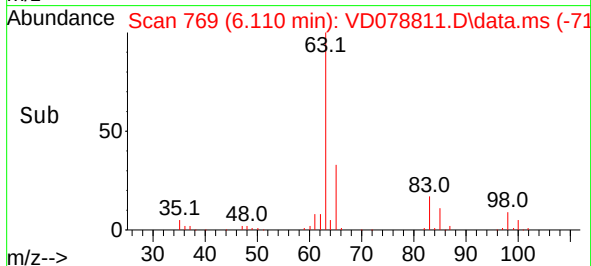
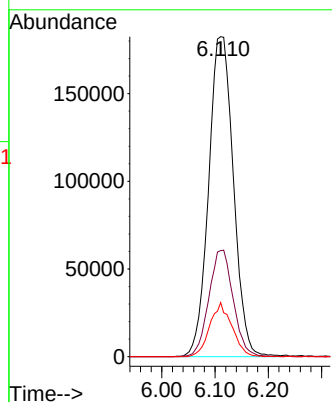


#19
1,1-Dichloroethane
Concen: 100.462 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

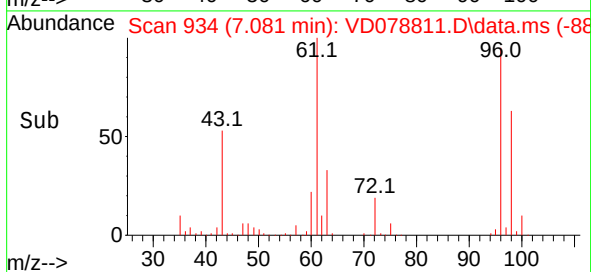
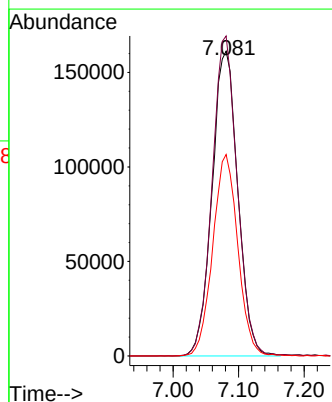
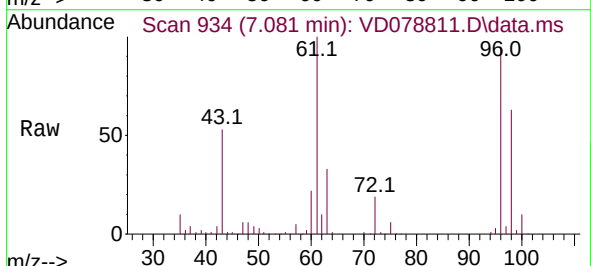


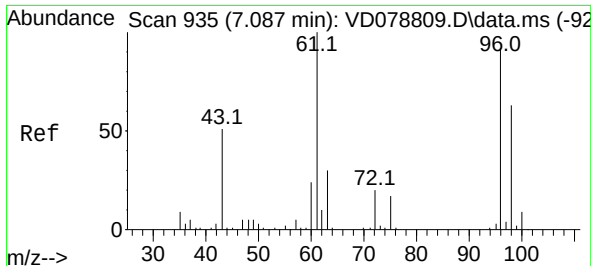
Tgt Ion: 63 Resp: 590749
Ion Ratio Lower Upper
63 100
65 33.1 24.3 45.1
83 16.9 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 109.907 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 96 Resp: 441003
Ion Ratio Lower Upper
96 100
61 105.0 69.0 128.2
98 66.1 44.8 83.2





#22

2-Butanone

Concen: 229.469 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

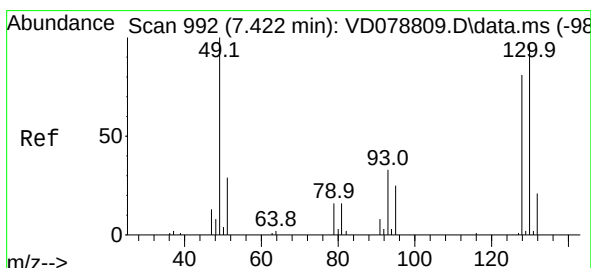
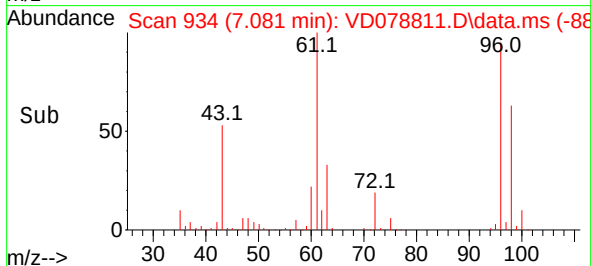
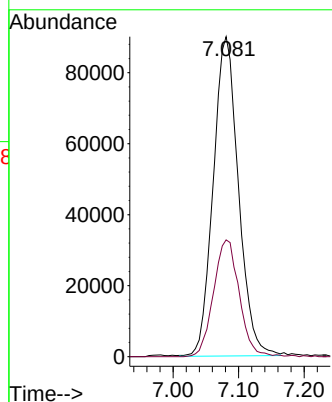
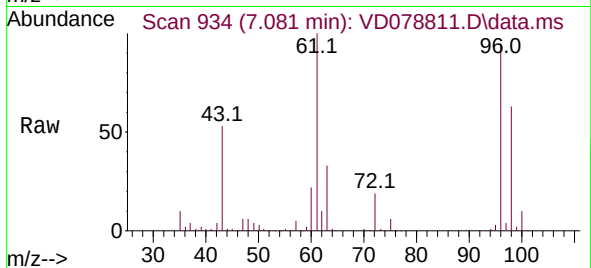
ClientSampleId :

Tgt Ion: 43 Resp: 239977

Ion Ratio Lower Upper

43 100

72 37.2 16.8 50.4



#23

Bromochloromethane

Concen: 104.294 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Tgt Ion:128 Resp: 206463

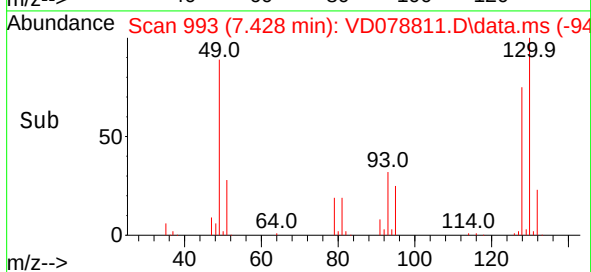
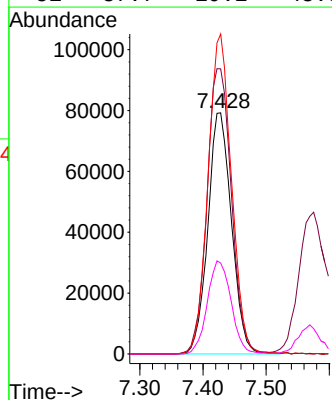
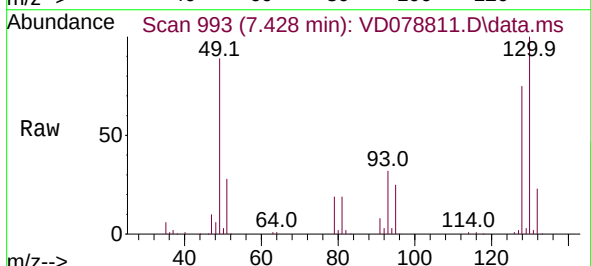
Ion Ratio Lower Upper

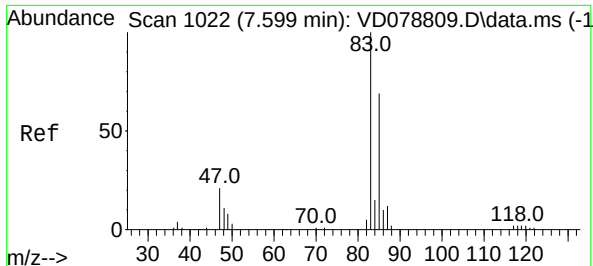
128 100

49 118.2 87.6 162.8

130 132.7 84.5 156.9

51 37.7 29.2 43.8

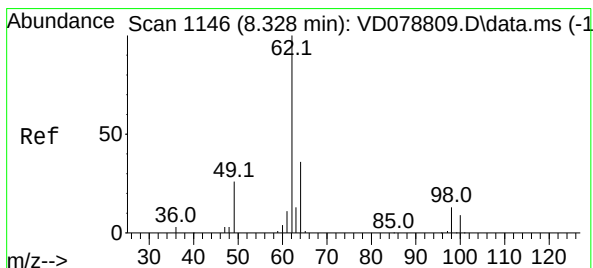
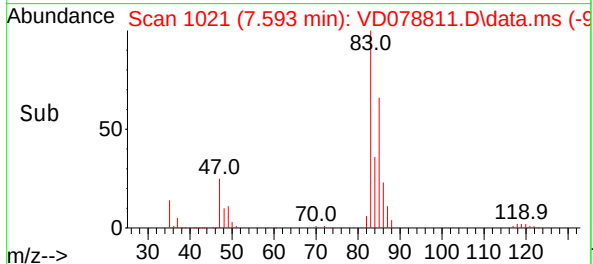
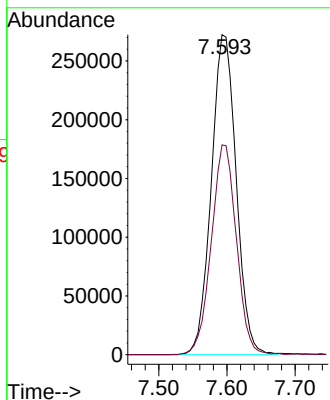
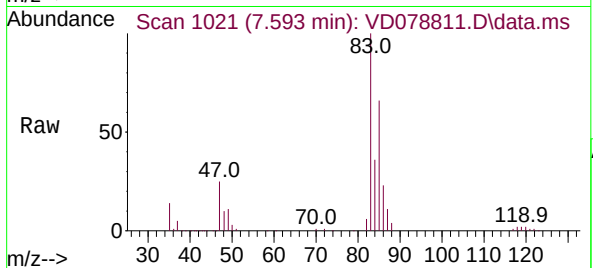




#25
Chloroform
Concen: 99.893 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

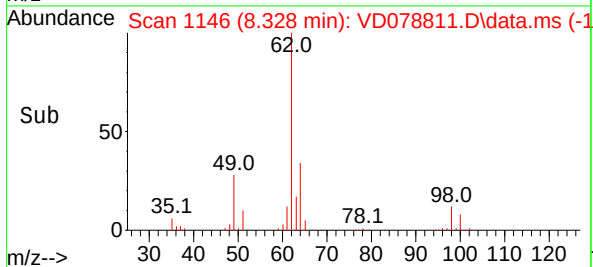
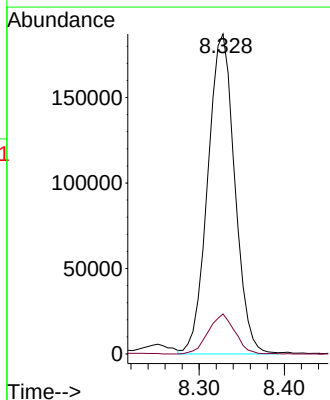
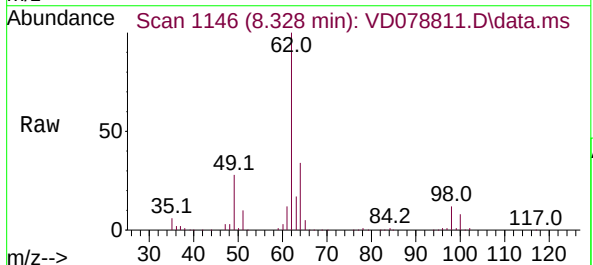
Instrument :
MSVOA_D
ClientSampleId :

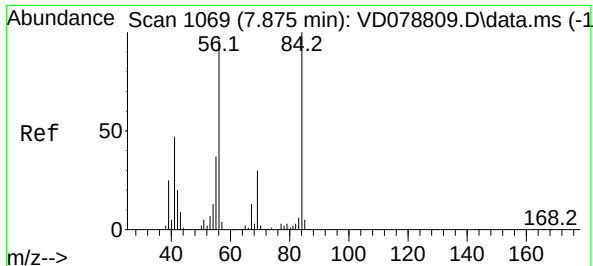
Tgt Ion: 83 Resp: 692202
Ion Ratio Lower Upper
83 100
85 65.6 48.6 90.2



#27
1,2-Dichloroethane
Concen: 105.821 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

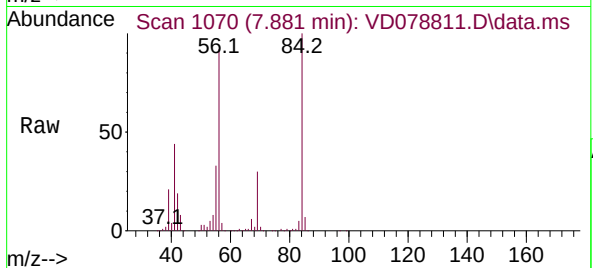
Tgt Ion: 62 Resp: 412130
Ion Ratio Lower Upper
62 100
98 12.5 10.0 15.0



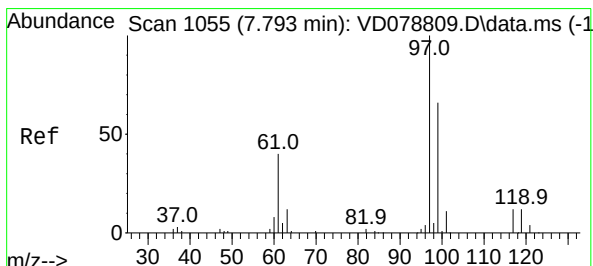
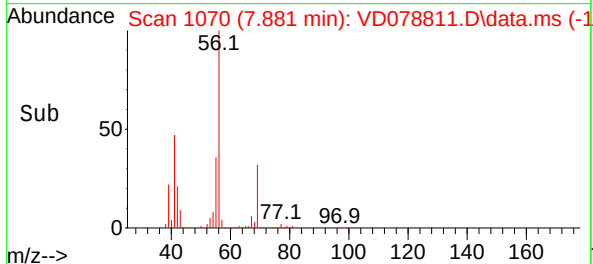
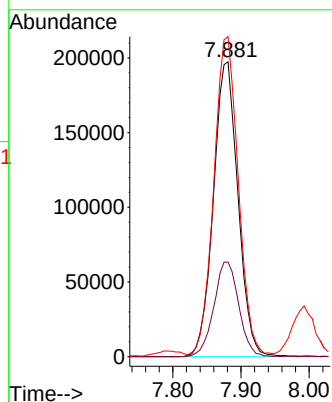


#29
Cyclohexane
Concen: 110.806 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

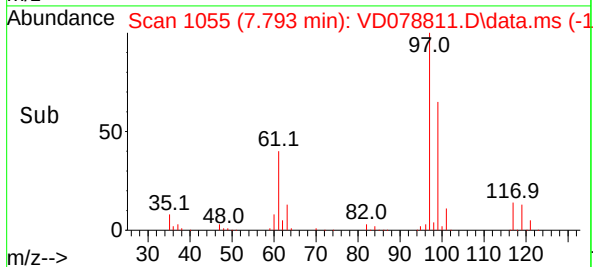
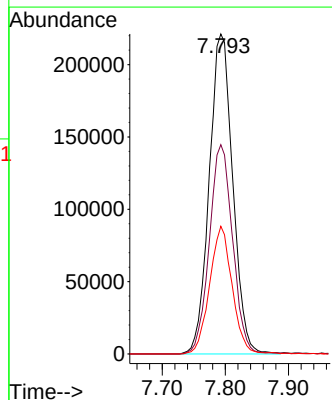
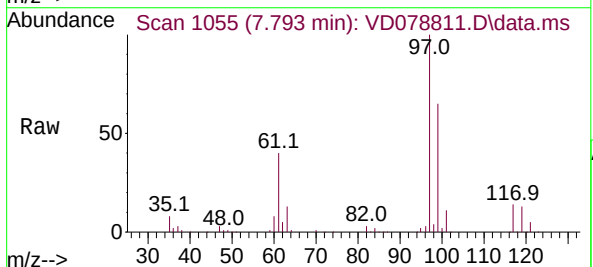


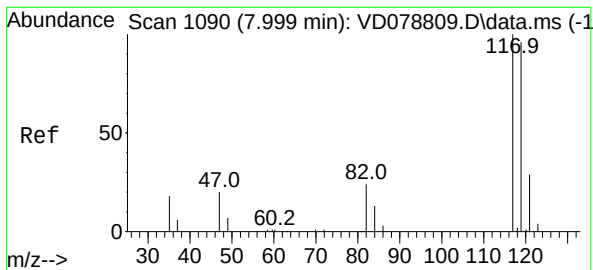
Tgt Ion: 56 Resp: 494927
Ion Ratio Lower Upper
56 100
69 32.5 26.1 39.1
84 107.9 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 96.836 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 97 Resp: 572622
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 38.1 31.5 47.3

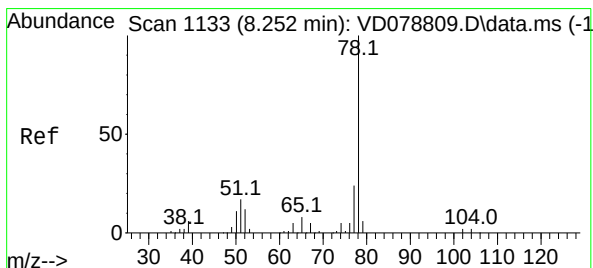
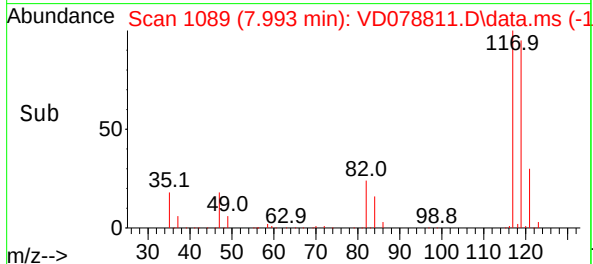
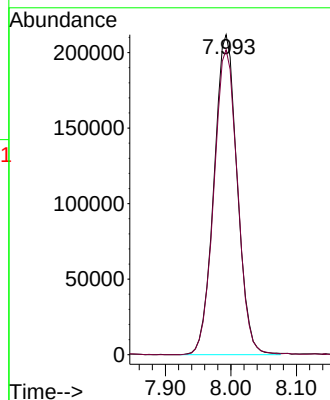
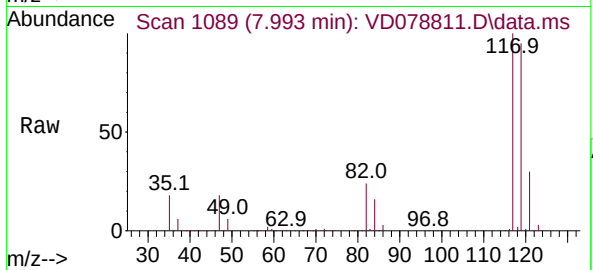




#31
Carbon tetrachloride
Concen: 98.205 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

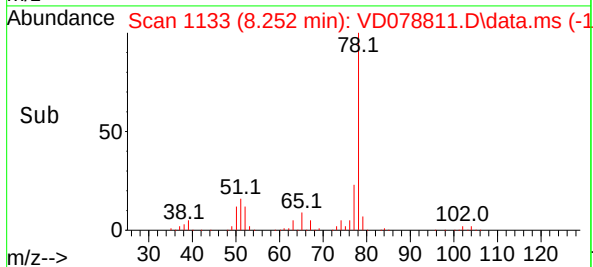
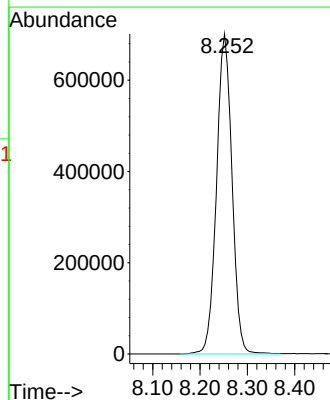
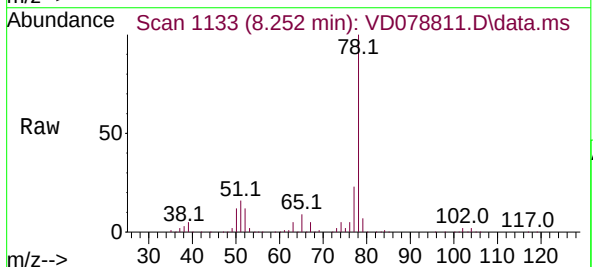
Instrument :
MSVOA_D
ClientSampleId :

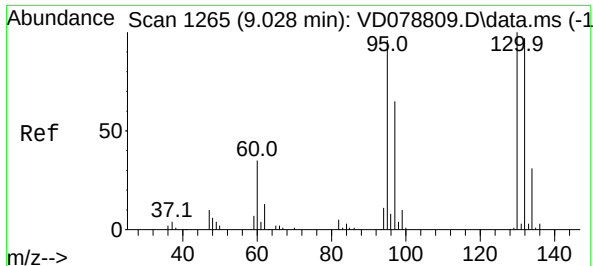
Tgt Ion:117 Resp: 520626
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4



#33
Benzene
Concen: 106.847 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

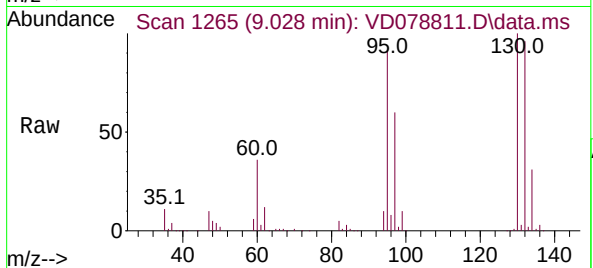
Tgt Ion: 78 Resp: 1592813





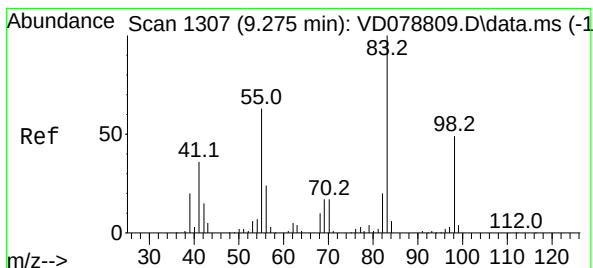
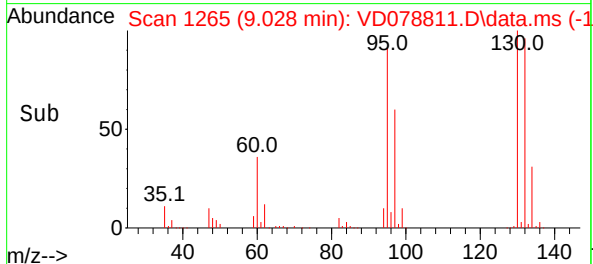
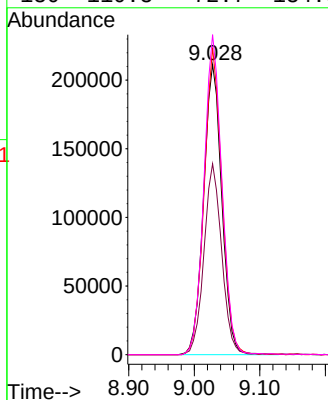
#34
Trichloroethene
Concen: 102.794 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 408792

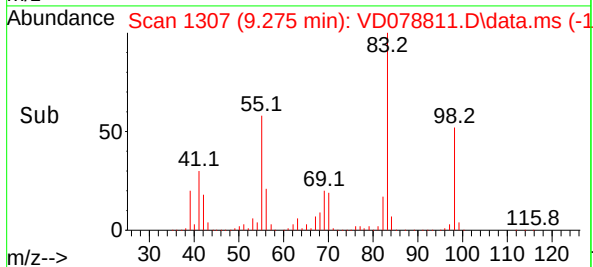
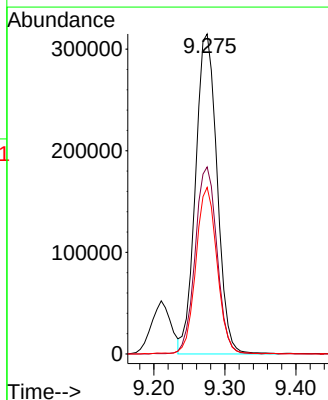
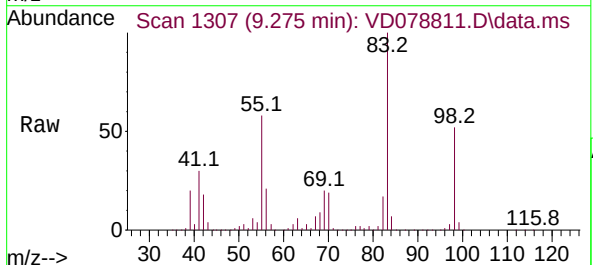
Ion	Ratio	Lower	Upper
95	100		
97	65.8	47.4	88.0
132	105.8	70.8	131.4
130	110.3	72.7	134.9

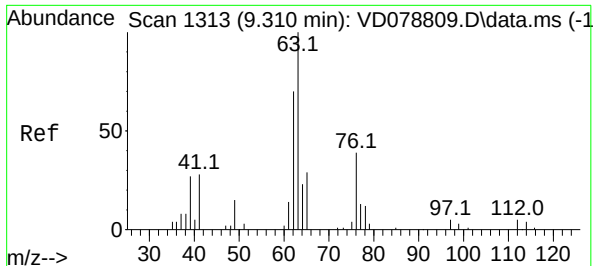


#35
Methylcyclohexane
Concen: 112.796 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 83 Resp: 666381

Ion	Ratio	Lower	Upper
83	100		
55	59.1	50.2	75.2
98	51.2	40.7	61.1

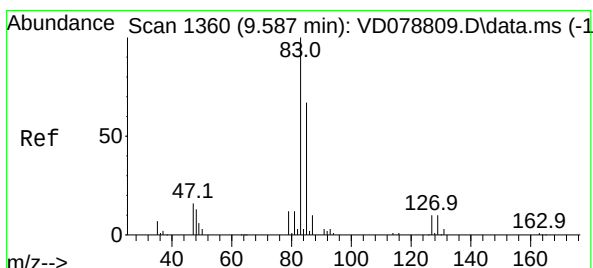
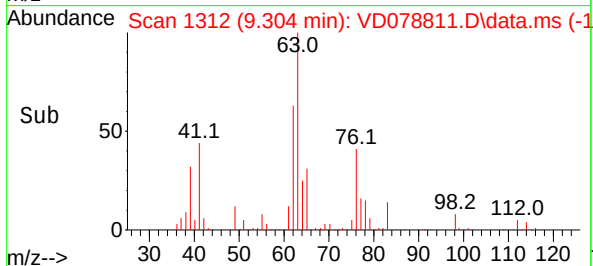
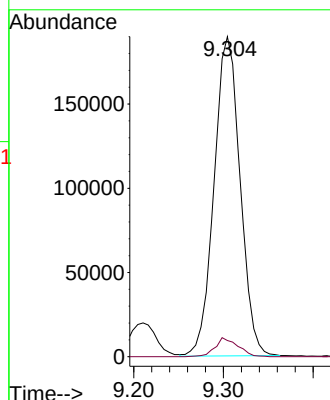
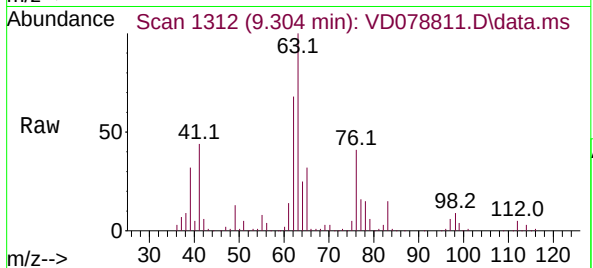




#37
1,2-Dichloropropane
Concen: 99.774 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

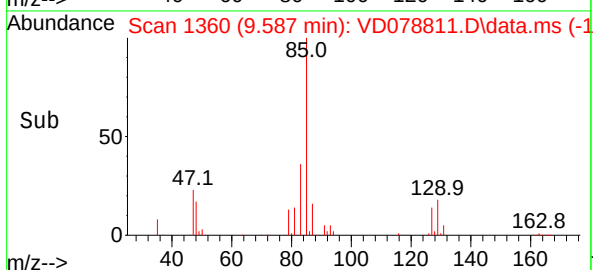
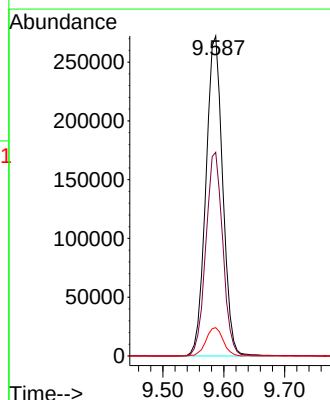
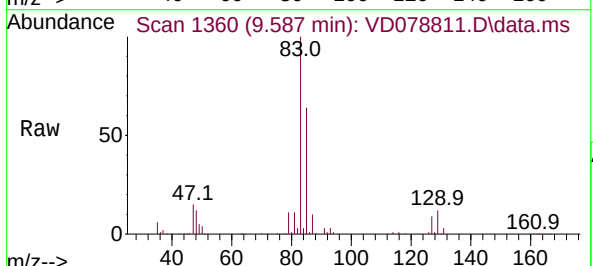
Instrument :
MSVOA_D
ClientSampleId :

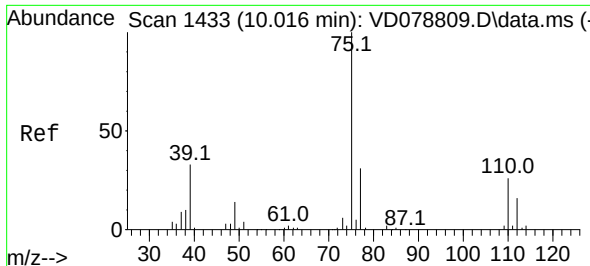
Tgt Ion: 63 Resp: 381380
Ion Ratio Lower Upper
63 100
112 5.2 4.3 6.5



#38
Bromodichloromethane
Concen: 99.475 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 83 Resp: 523155
Ion Ratio Lower Upper
83 100
85 63.6 46.8 87.0
127 8.8 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 113.051 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

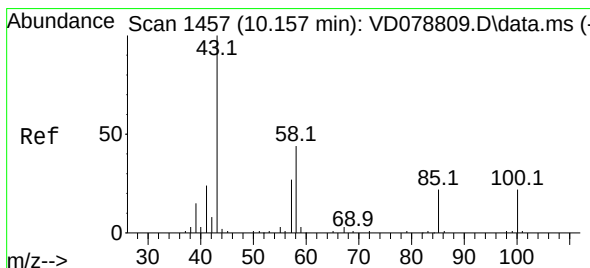
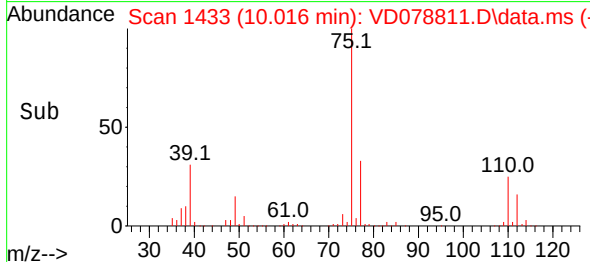
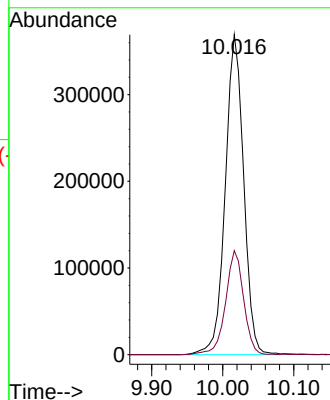
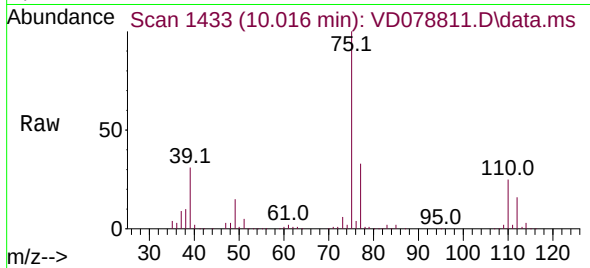
ClientSampleId :

Tgt Ion: 75 Resp: 663737

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 224.902 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

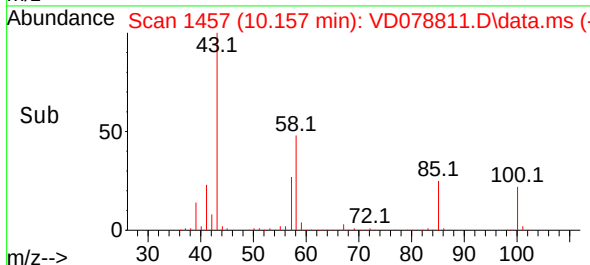
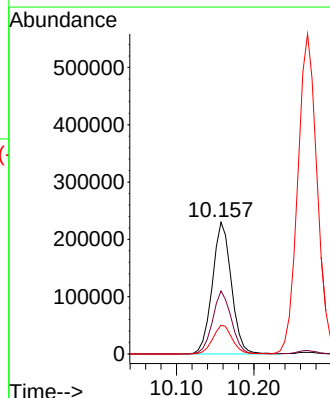
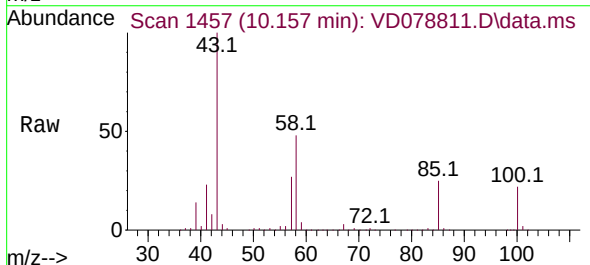
Tgt Ion: 43 Resp: 392665

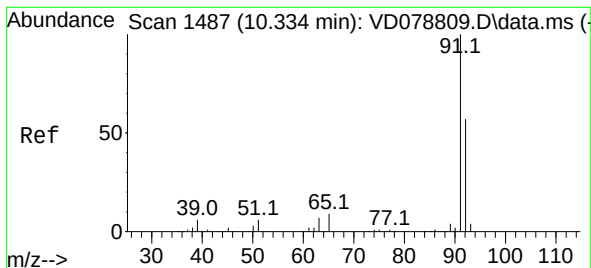
Ion Ratio Lower Upper

43 100

58 47.2 36.2 54.2

100 22.1 18.3 27.5





#42

Toluene

Concen: 111.282 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

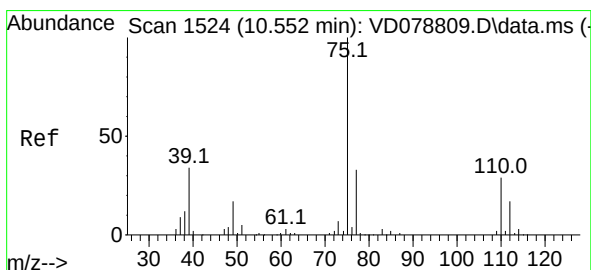
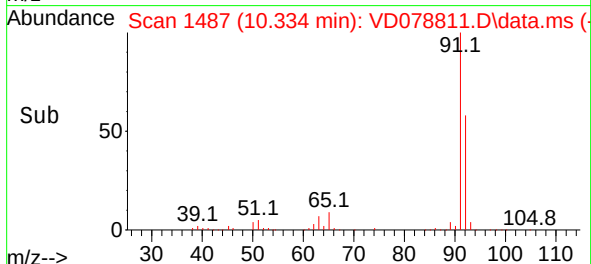
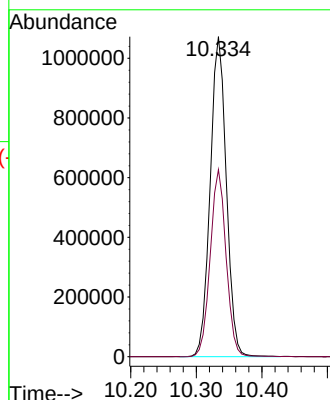
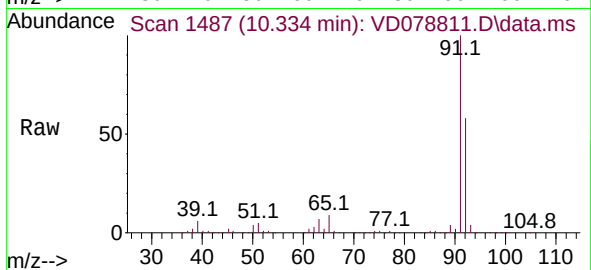
ClientSampleId :

Tgt Ion: 91 Resp: 1836453

Ion Ratio Lower Upper

91 100

92 58.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 112.824 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078811.D

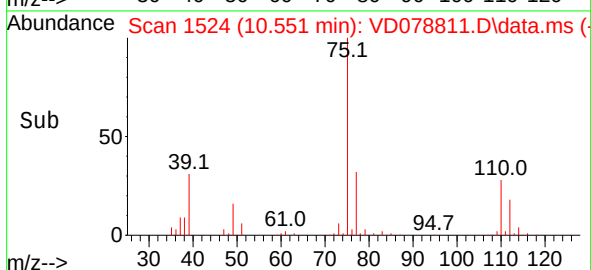
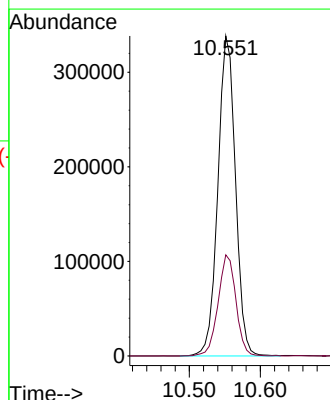
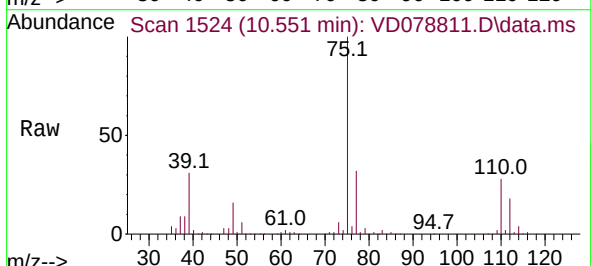
Acq: 11 Apr 2024 13:05

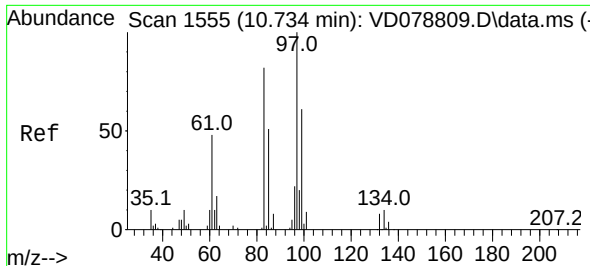
Tgt Ion: 75 Resp: 580464

Ion Ratio Lower Upper

75 100

77 31.6 23.4 43.4

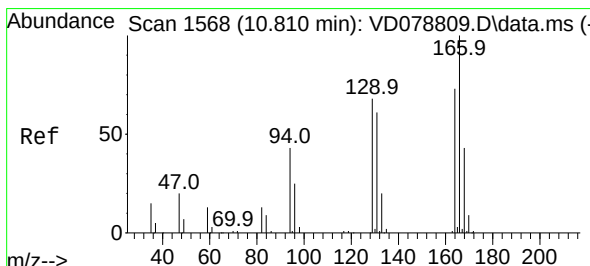
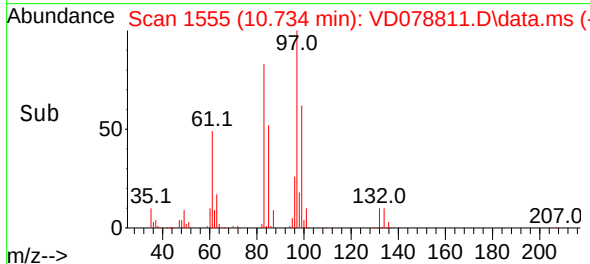
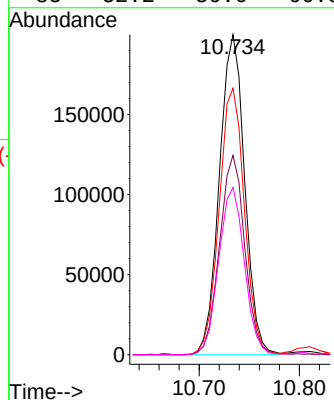
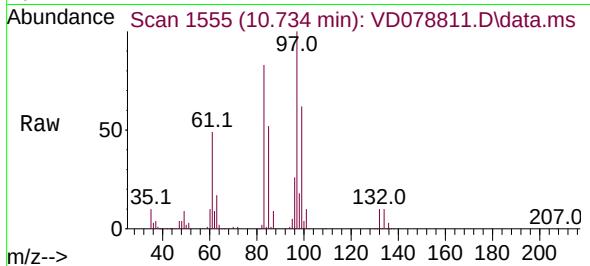




#45
1,1,2-Trichloroethane
Concen: 104.739 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

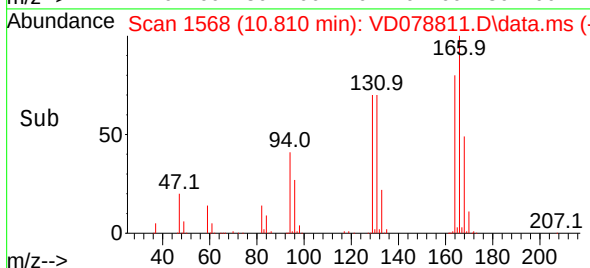
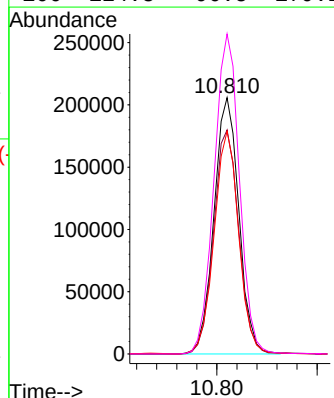
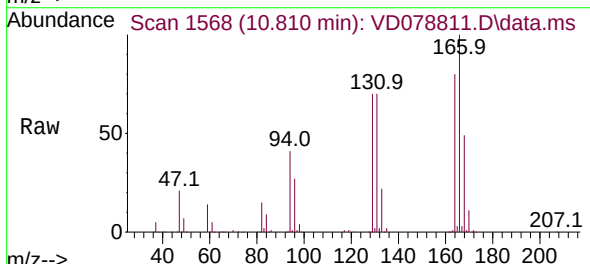
Instrument :
MSVOA_D
ClientSampleId :

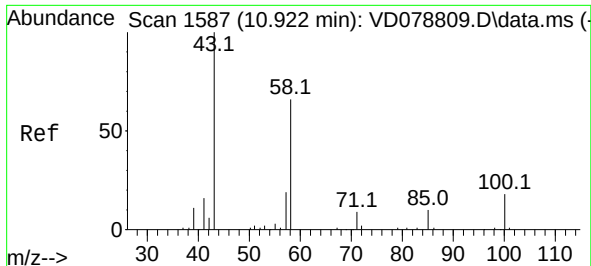
Tgt Ion:	97	Resp:	349602
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.6	79.2
83	83.2	58.0	107.6
85	52.2	36.0	66.8



#46
Tetrachloroethene
Concen: 106.526 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

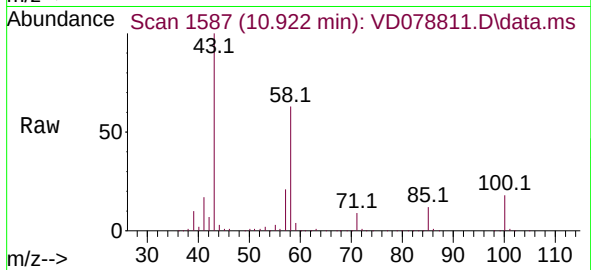
Tgt Ion:	164	Resp:	354738
Ion	Ratio	Lower	Upper
164	100		
129	87.4	65.3	121.3
131	86.9	58.4	108.6
166	124.8	96.5	179.1



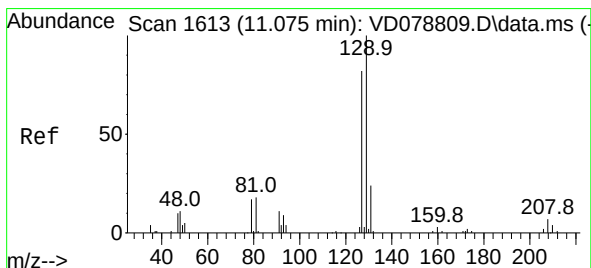
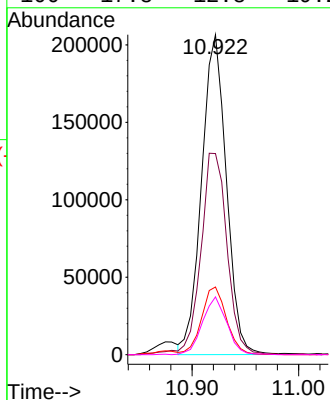
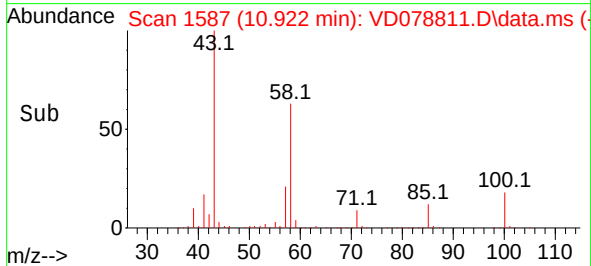


#48
2-Hexanone
Concen: 243.025 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

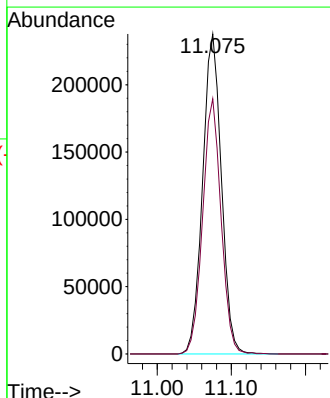
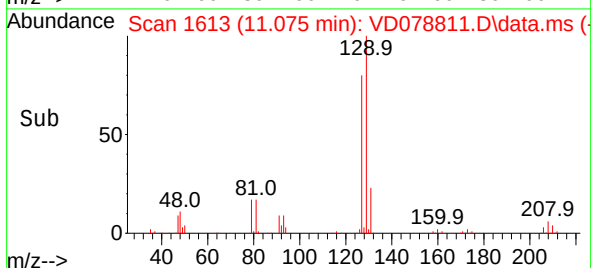
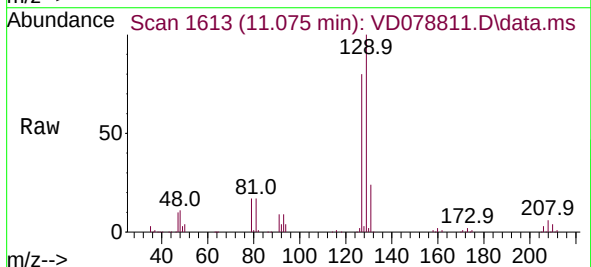


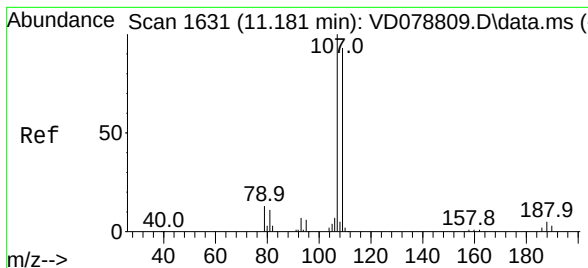
Tgt Ion: 43 Resp: 333940
Ion Ratio Lower Upper
43 100
58 65.7 50.3 75.5
57 21.3 16.5 24.7
100 17.8 12.8 19.2



#49
Dibromochloromethane
Concen: 108.073 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 129 Resp: 417700
Ion Ratio Lower Upper
129 100
127 79.8 57.1 106.1





#50

1,2-Dibromoethane

Concen: 105.824 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :

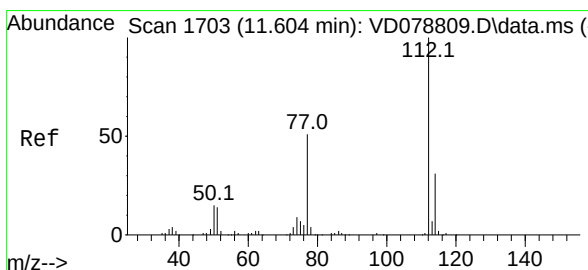
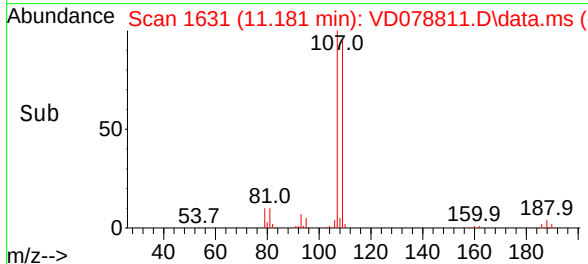
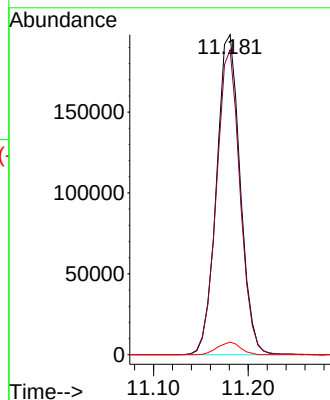
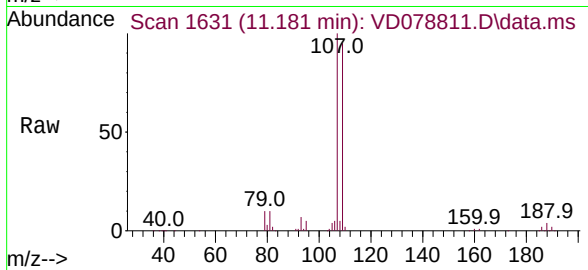
Tgt Ion:107 Resp: 343264

Ion Ratio Lower Upper

107 100

109 95.3 64.8 120.4

188 4.0 3.6 5.4



#51

Chlorobenzene

Concen: 106.126 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

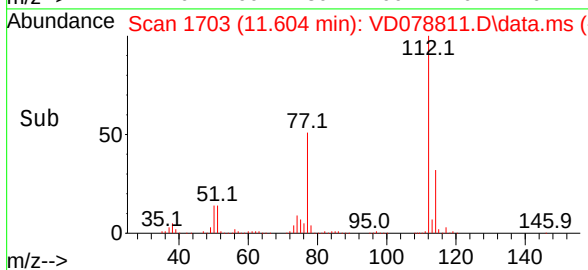
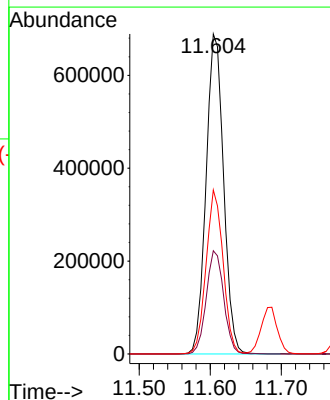
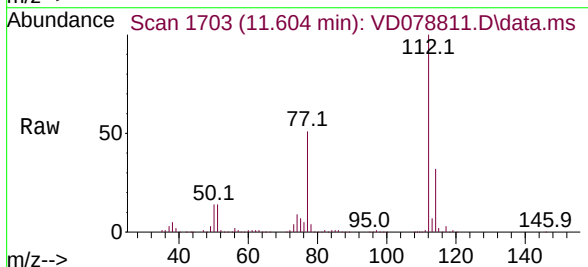
Tgt Ion:112 Resp: 1181267

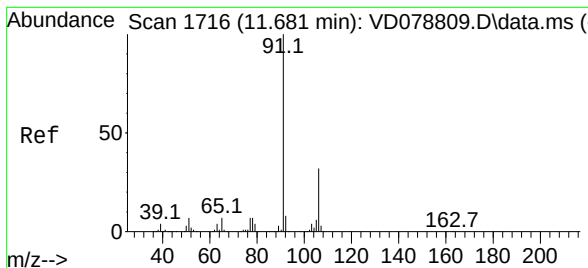
Ion Ratio Lower Upper

112 100

114 32.2 21.7 40.3

77 51.2 41.0 61.6





#52

Ethylbenzene

Concen: 114.323 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

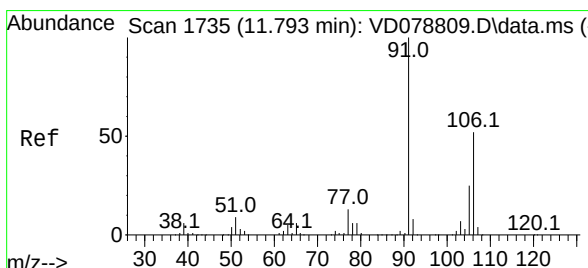
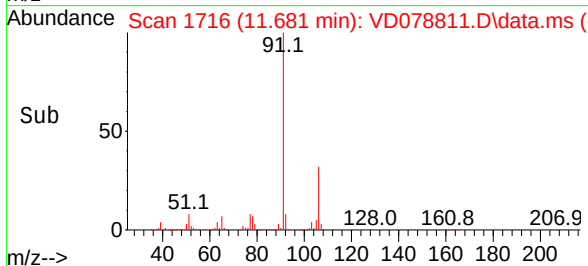
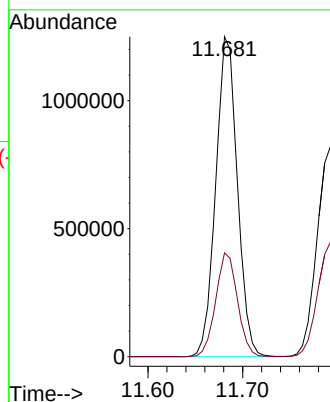
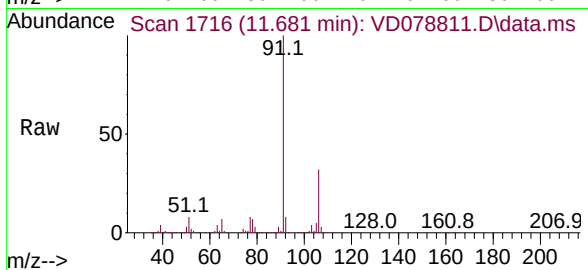
ClientSampleId :

Tgt Ion: 91 Resp: 1983704

Ion Ratio Lower Upper

91 100

106 32.5 22.3 41.3



#53

m,p-Xylene

Concen: 115.887 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078811.D

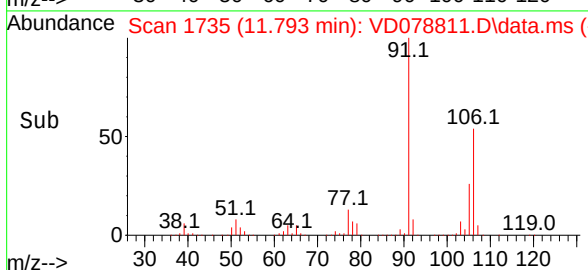
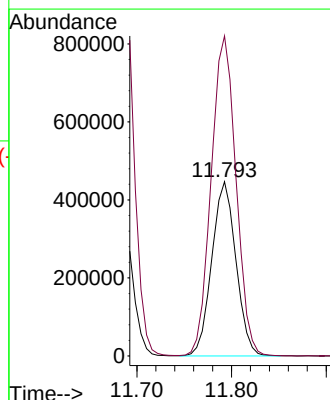
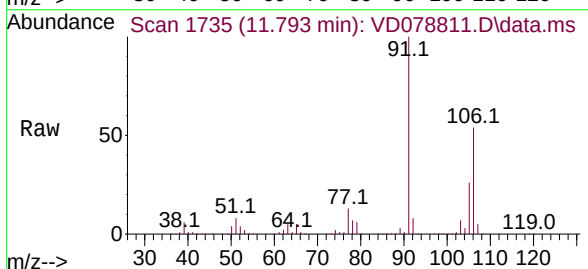
Acq: 11 Apr 2024 13:05

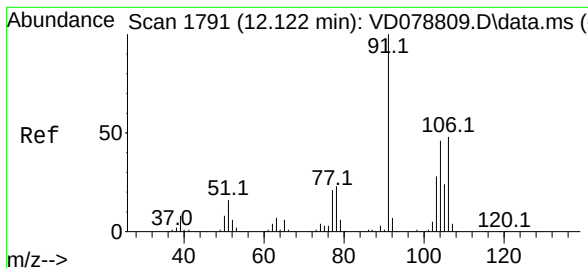
Tgt Ion:106 Resp: 792113

Ion Ratio Lower Upper

106 100

91 183.7 134.4 249.6

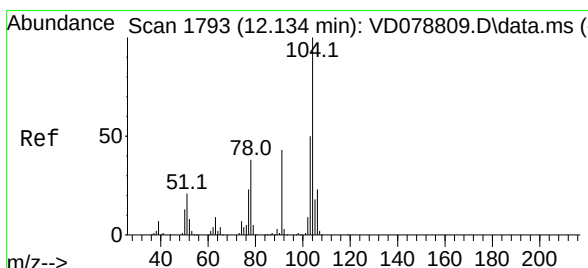
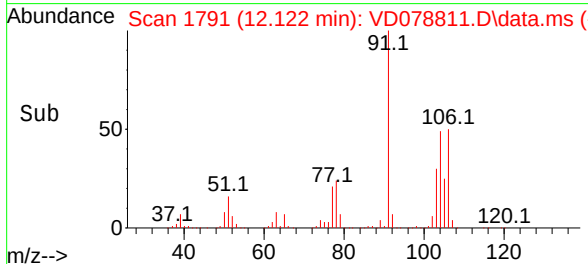
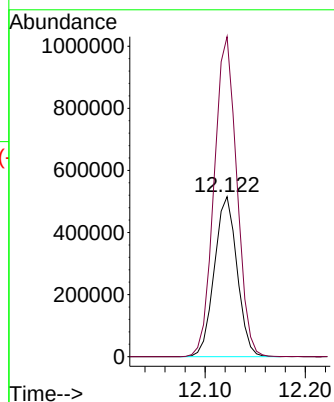
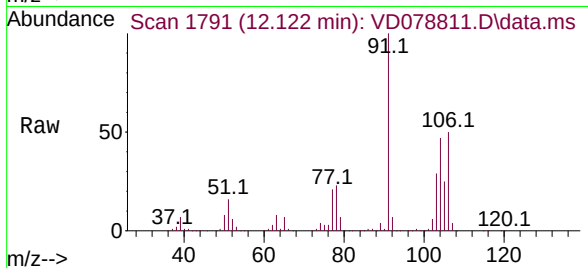




#54
o-Xylene
Concen: 122.544 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

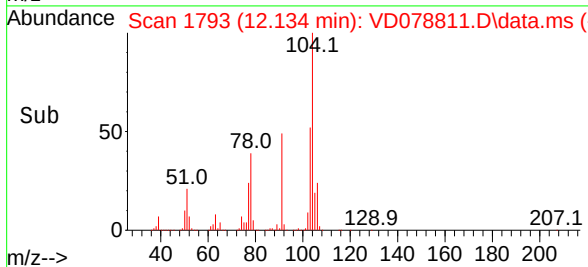
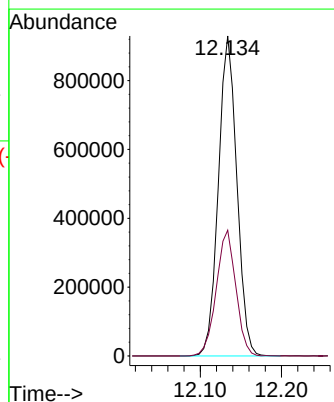
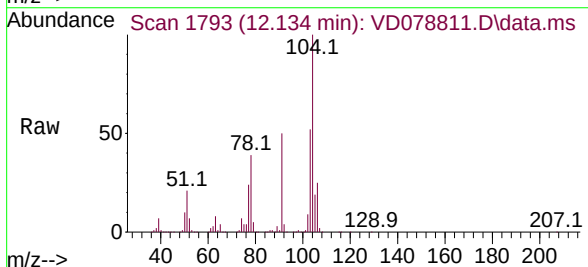
Instrument :
MSVOA_D
ClientSampleId :

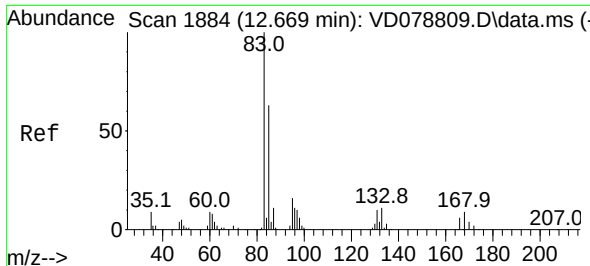
Tgt Ion:106 Resp: 809653
Ion Ratio Lower Upper
106 100
91 200.0 146.2 271.6



#55
Styrene
Concen: 124.269 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion:104 Resp: 1471481
Ion Ratio Lower Upper
104 100
78 39.3 26.4 49.0

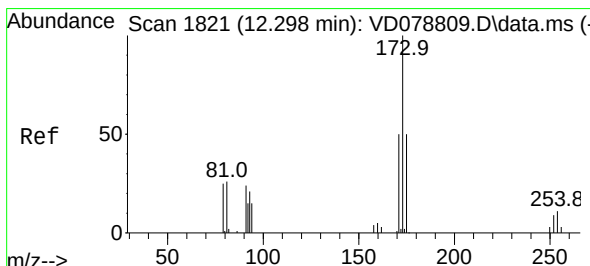
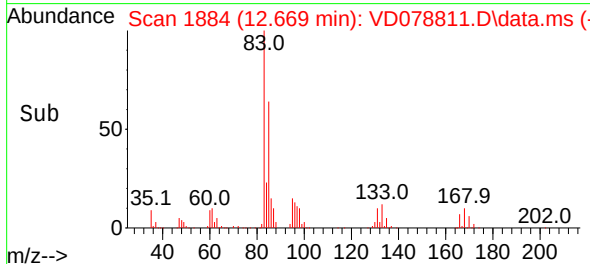
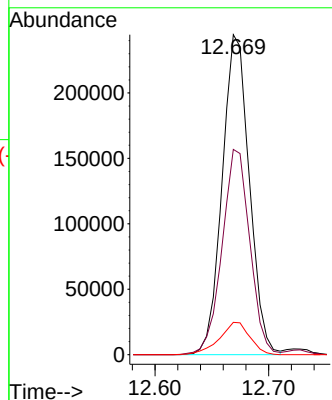
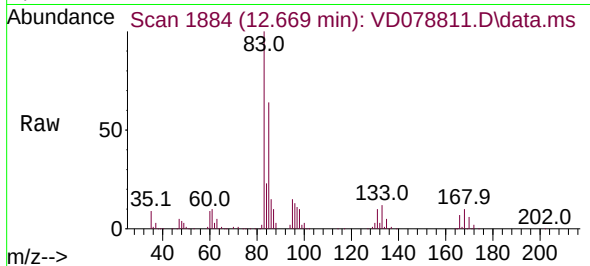




#57
1,1,2,2-Tetrachloroethane
Concen: 105.513 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

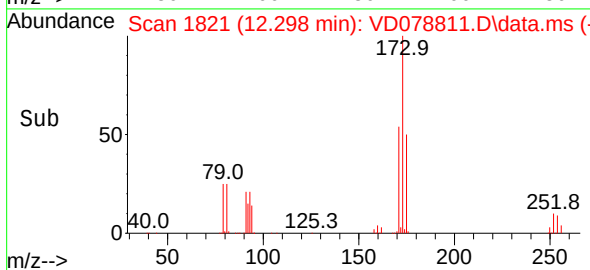
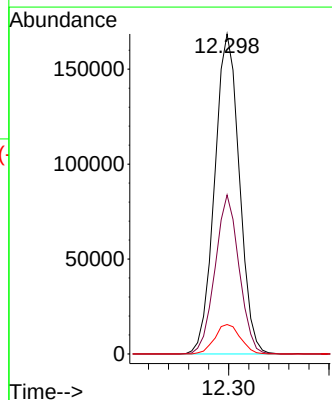
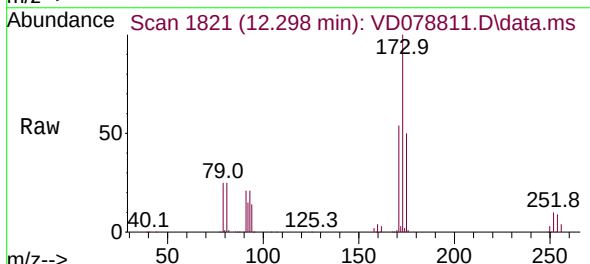
Instrument :
MSVOA_D
ClientSampleId :

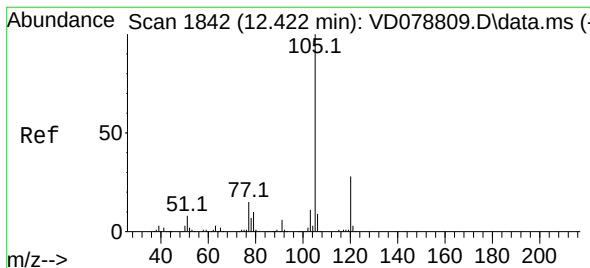
Tgt Ion: 83 Resp: 406562
Ion Ratio Lower Upper
83 100
85 64.2 44.5 82.7
131 10.1 8.1 12.1



#59
Bromoform
Concen: 102.629 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion:173 Resp: 288005
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.6
254 9.5 7.7 11.5





#60

Isopropylbenzene

Concen: 111.517 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :

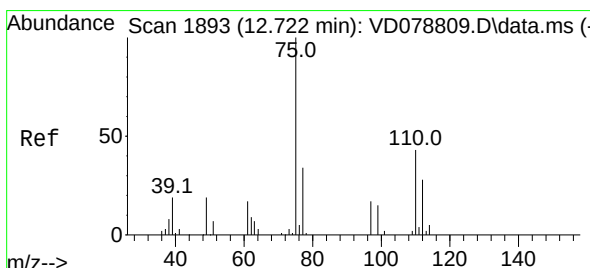
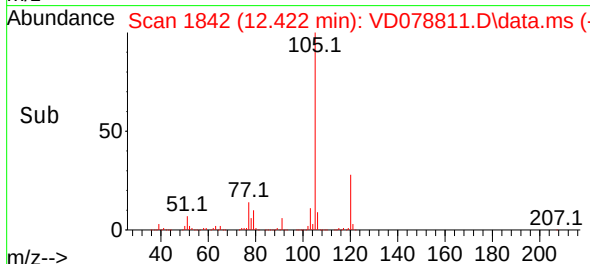
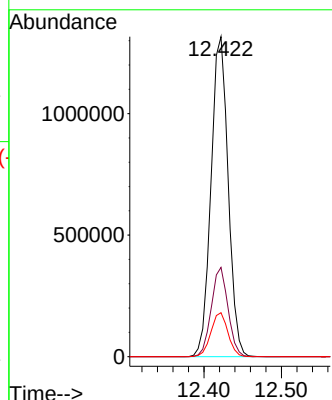
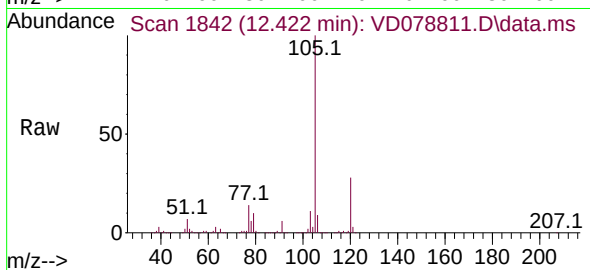
Tgt Ion:105 Resp: 2020327

Ion Ratio Lower Upper

105 100

120 27.3 21.6 32.4

77 13.7 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 95.730 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

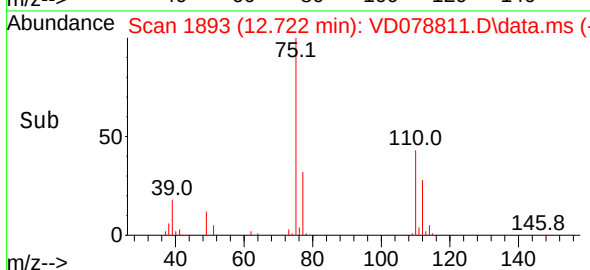
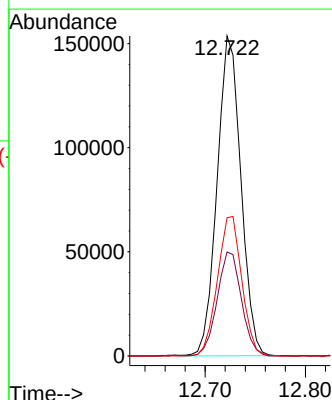
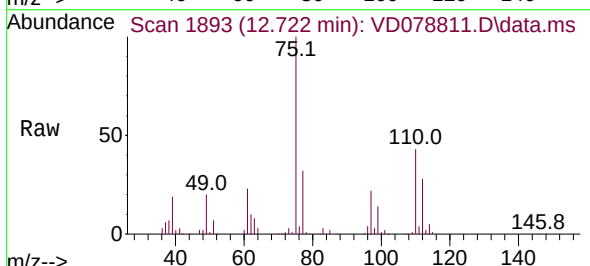
Tgt Ion: 75 Resp: 252962

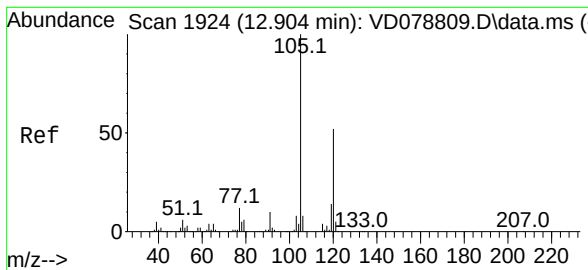
Ion Ratio Lower Upper

75 100

77 33.2 26.9 40.3

110 44.7 34.6 51.8

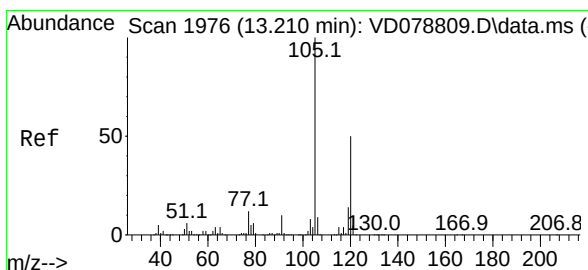
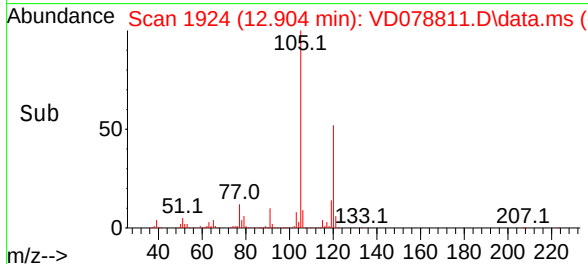
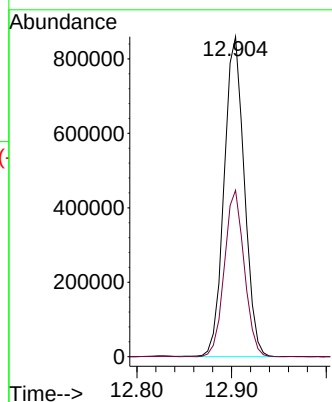
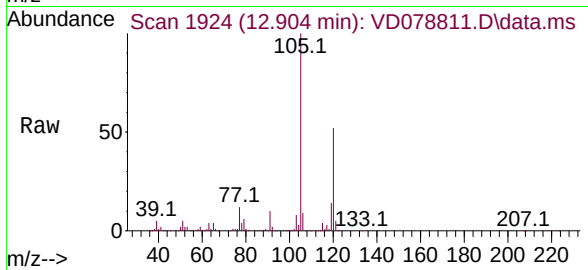




#62
1,3,5-Trimethylbenzene
Concen: 116.059 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

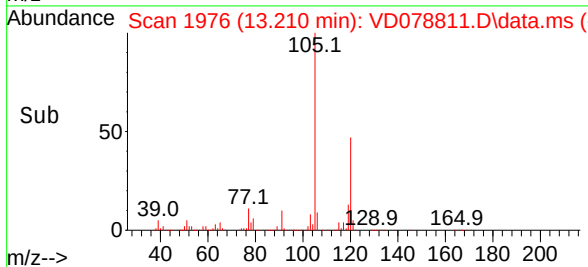
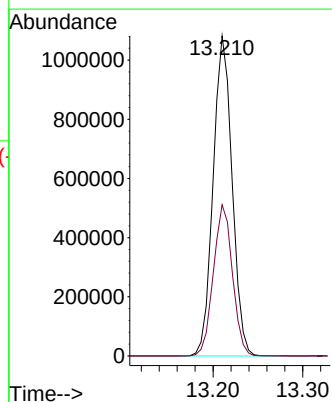
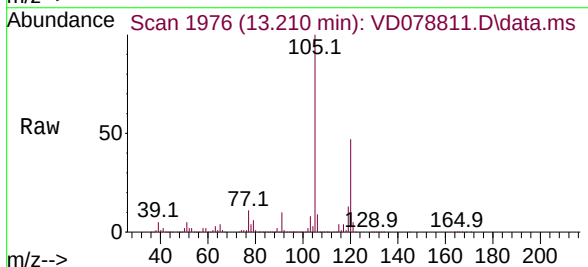
Instrument :
MSVOA_D
ClientSampleId :

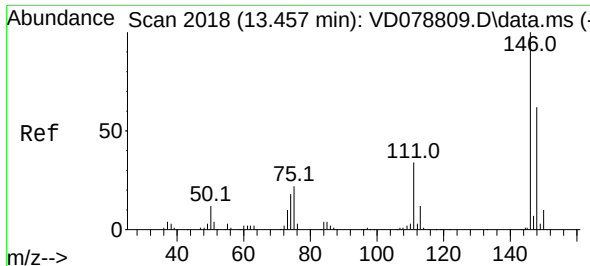
Tgt Ion:105 Resp: 1274639
Ion Ratio Lower Upper
105 100
120 51.2 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 117.798 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

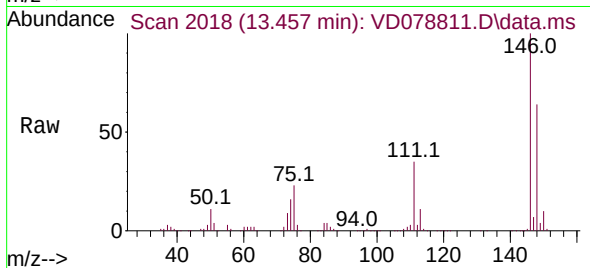
Tgt Ion:105 Resp: 1587588
Ion Ratio Lower Upper
105 100
120 47.5 38.6 57.8



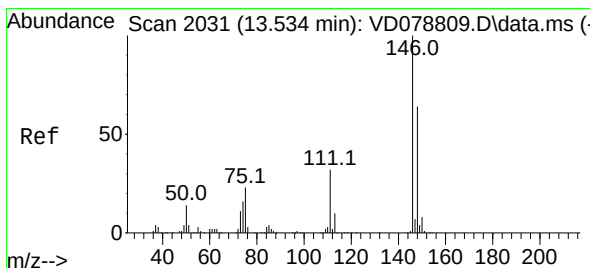
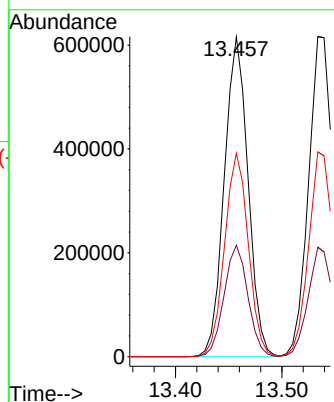
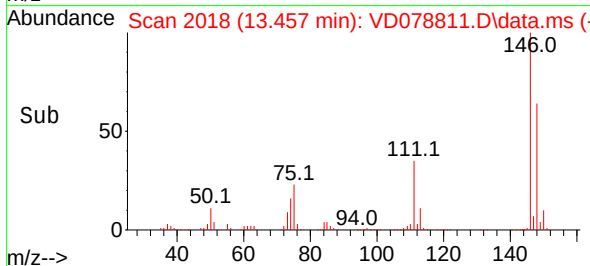


#64
1,3-Dichlorobenzene
Concen: 105.777 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

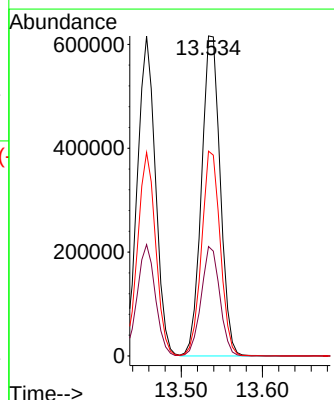
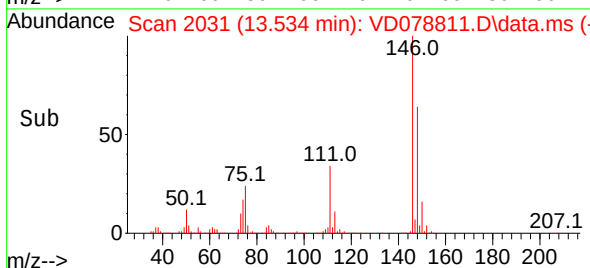
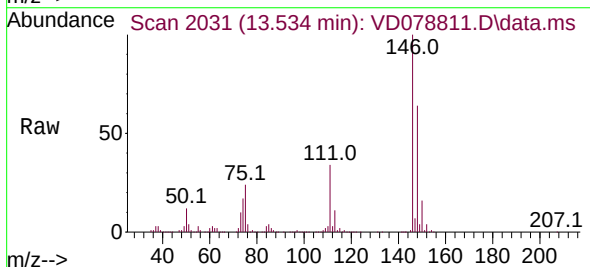


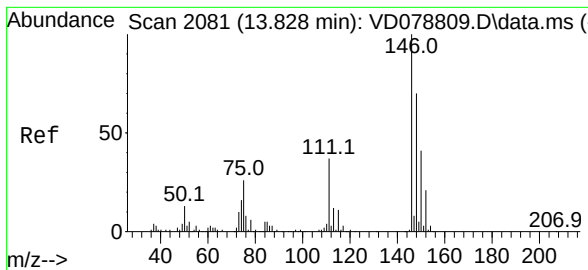
Tgt Ion:146 Resp: 953776
Ion Ratio Lower Upper
146 100
111 34.8 23.7 44.1
148 63.6 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 103.652 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion:146 Resp: 988381
Ion Ratio Lower Upper
146 100
111 34.2 22.7 42.3
148 64.0 44.9 83.5

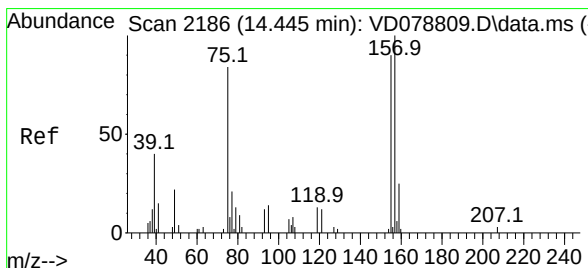
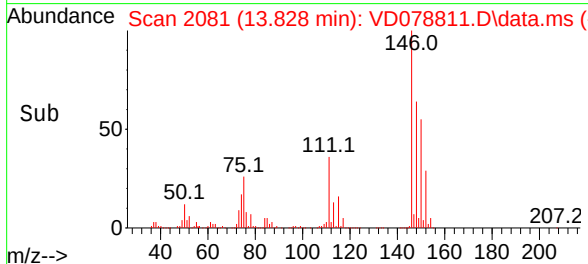
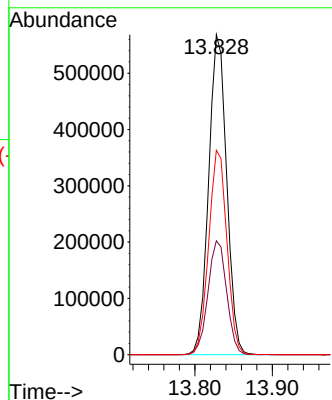
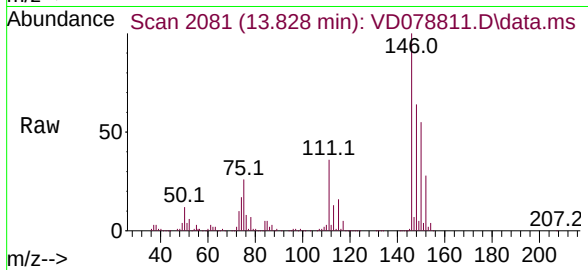




#67
1,2-Dichlorobenzene
Concen: 107.989 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

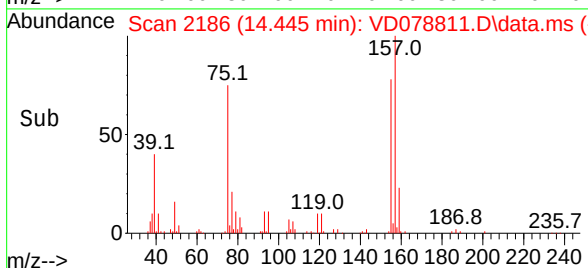
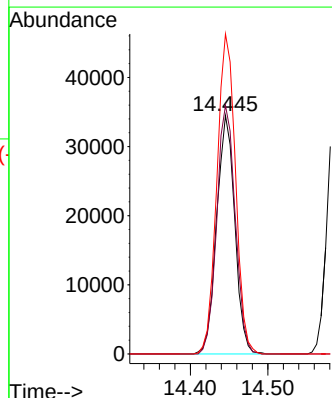
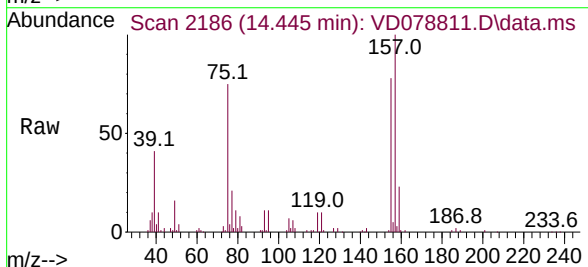
Instrument :
MSVOA_D
ClientSampleId :

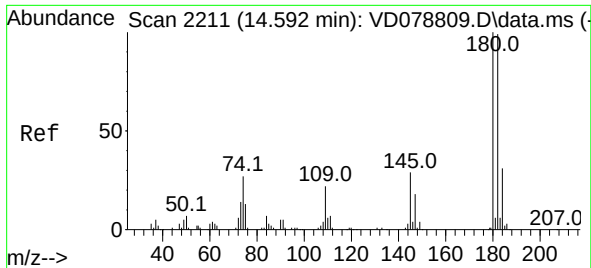
Tgt Ion:146 Resp: 917290
Ion Ratio Lower Upper
146 100
111 35.6 29.5 44.3
148 63.9 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 93.469 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion: 75 Resp: 56233
Ion Ratio Lower Upper
75 100
155 104.2 85.3 127.9
157 134.2 94.7 142.1





#69

1,3,5-Trichlorobenzene

Concen: 108.345 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

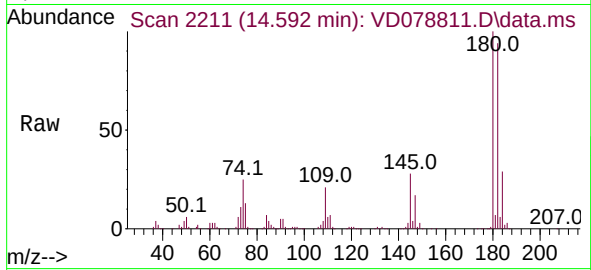
Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 628247

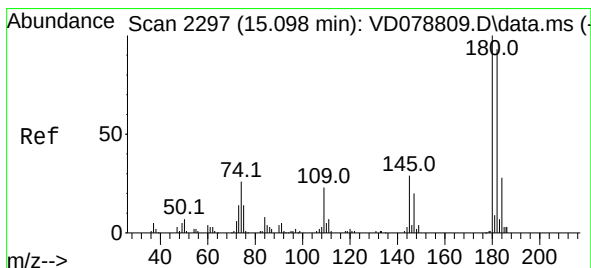
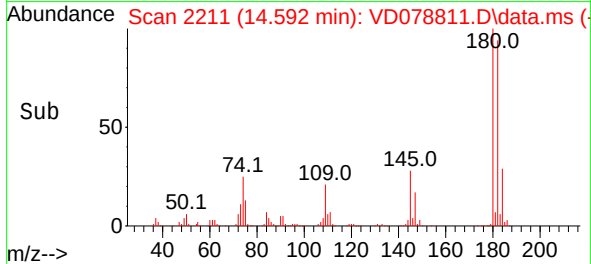
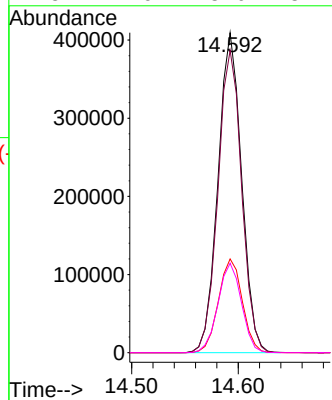
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 29.7 24.5 36.7

145 27.9 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 111.209 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078811.D

Acq: 11 Apr 2024 13:05

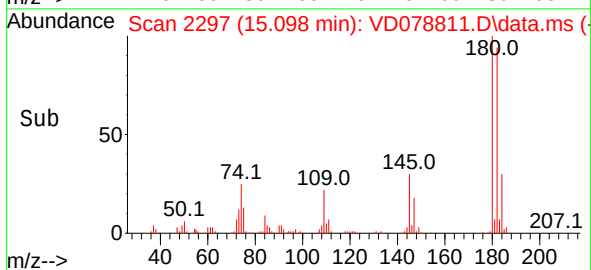
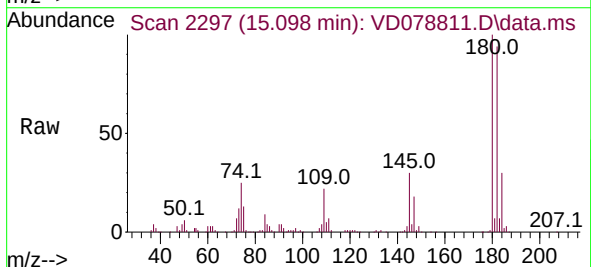
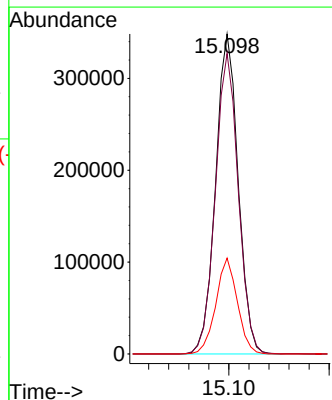
Tgt Ion:180 Resp: 543814

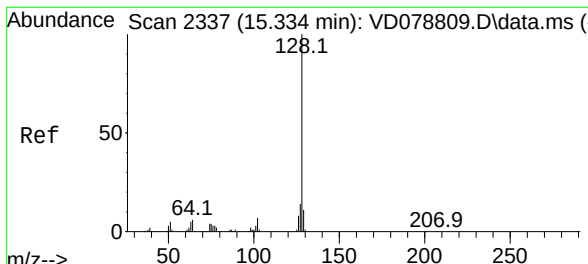
Ion Ratio Lower Upper

180 100

182 95.3 74.7 112.1

145 28.5 22.6 33.8



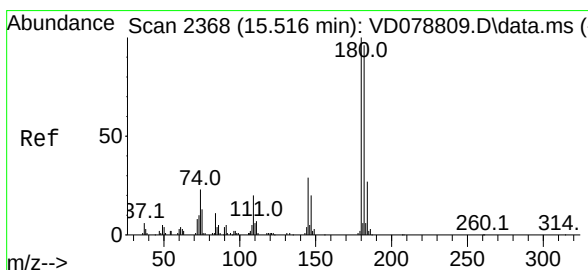
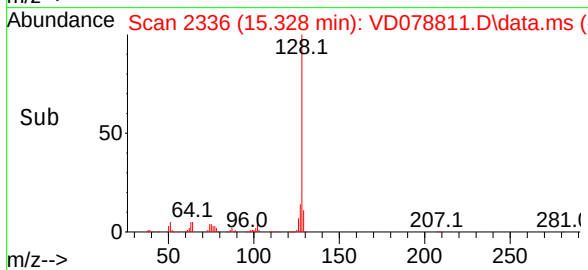
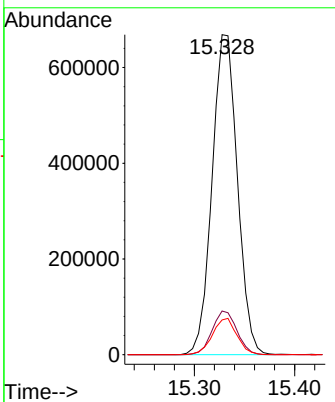
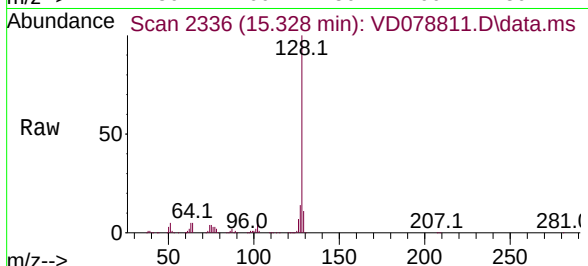


#71
Naphthalene
Concen: 123.453 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1171756

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 113.219 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078811.D
Acq: 11 Apr 2024 13:05

Tgt Ion:180 Resp: 506915

Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.1	117.1
145	30.1	24.4	36.6

