

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079812.D
 Acq On : 10 Sep 2024 13:24
 Operator : RP/MD
 Sample : VSTD10041
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 05:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201564	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95949	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	829890	93.739	ug/L	0.00
7) Chloroethane-d5	2.793	69	650094	92.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	166083	103.324	ug/L	0.00
21) 2-Butanone-d5	6.987	46	170375	207.129	ug/L	0.00
24) Chloroform-d	7.563	84	669097	99.976	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	352384	100.691	ug/L	0.00
32) Benzene-d6	8.199	84	1441457	101.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	430137	98.693	ug/L	0.00
41) Toluene-d8	10.269	98	1347399	107.601	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	191210	102.046	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	162000	228.021	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	318240	99.368	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	383456	105.973	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	367759	94.729	ug/L	98
3) Chloromethane	2.146	50	629154	92.449	ug/L	99
5) Vinyl chloride	2.281	62	812201	97.394	ug/L	99
6) Bromomethane	2.687	94	463480	111.086	ug/L	97
8) Chloroethane	2.828	64	524385	95.177	ug/L	97
9) Trichlorofluoromethane	3.169	101	553295	92.276	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	318524	95.972	ug/L	98
12) 1,1-Dichloroethene	3.934	96	321107	103.876	ug/L	99
13) Acetone	4.022	43	219427	218.806	ug/L	96
14) Carbon disulfide	4.269	76	933279	92.813	ug/L	100
15) Methyl Acetate	4.563	43	158195	99.031	ug/L #	80
16) Methylene chloride	4.799	84	354333	88.077	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	338777	102.778	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	859722	115.944	ug/L	99
19) 1,1-Dichloroethane	6.110	63	651288	99.477	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	397633	109.565	ug/L	93
22) 2-Butanone	7.081	43	267415	227.321	ug/L	94
23) Bromochloromethane	7.428	128	154277	100.159	ug/L	97
25) Chloroform	7.593	83	665781	97.690	ug/L	96
27) 1,2-Dichloroethane	8.322	62	410352	98.514	ug/L	99
29) Cyclohexane	7.875	56	540610	108.433	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	533482	97.097	ug/L	99
31) Carbon tetrachloride	7.987	117	475413	97.662	ug/L	99
33) Benzene	8.252	78	1550953	103.336	ug/L	100
34) Trichloroethene	9.028	95	353274	101.681	ug/L	94
35) Methylcyclohexane	9.269	83	606997	108.458	ug/L	98
37) 1,2-Dichloropropane	9.304	63	419462	102.479	ug/L #	100
38) Bromodichloromethane	9.581	83	478276	100.281	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	656341	114.190	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	487314	227.437	ug/L	100
42) Toluene	10.334	91	1689421	106.860	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	562372	111.020	ug/L	98

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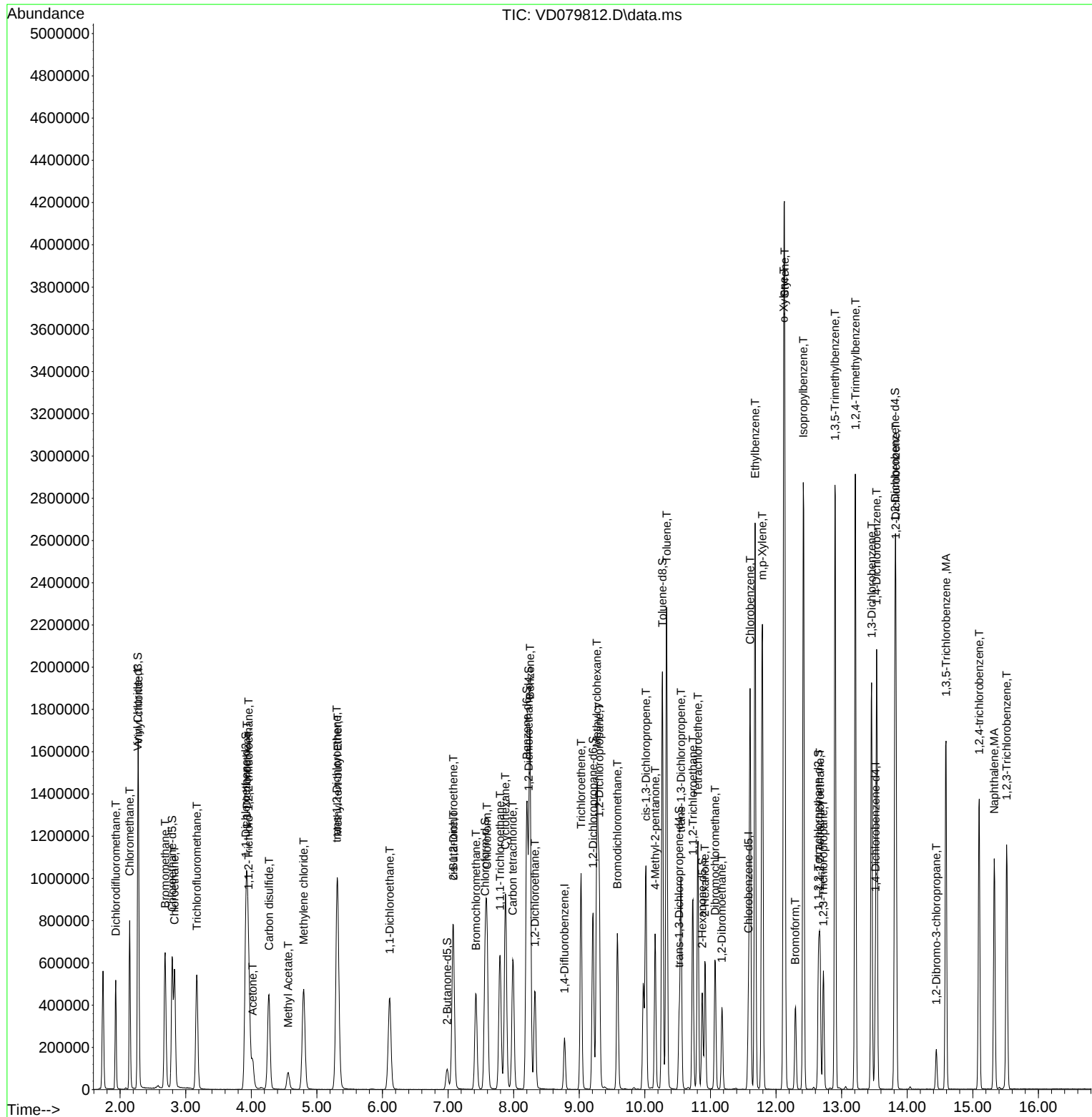
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	285093	101.947	ug/L	96
46) Tetrachloroethene	10.810	164	240068	101.964	ug/L	92
48) 2-Hexanone	10.916	43	395571	226.968	ug/L	99
49) Dibromochloromethane	11.069	129	313712	102.776	ug/L	98
50) 1,2-Dibromoethane	11.175	107	247999	102.676	ug/L	95
51) Chlorobenzene	11.604	112	984082	103.721	ug/L	99
52) Ethylbenzene	11.681	91	1837763	110.654	ug/L	100
53) m,p-Xylene	11.793	106	688304	109.419	ug/L	95
54) o-Xylene	12.116	106	712996	115.599	ug/L	99
55) Styrene	12.134	104	1263569	116.566	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	335714	102.416	ug/L	95
59) Bromoform	12.293	173	158707	95.819	ug/L	99
60) Isopropylbenzene	12.416	105	1822719	110.031	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	229637	97.367	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	1491534	123.114	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1493599	117.561	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	728345	106.393	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	739714	103.017	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	683911	110.531	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	49225	102.008	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	454323	109.451	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	386278	110.526	ug/L	99
71) Naphthalene	15.328	128	890710	114.107	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	344288	110.131	ug/L	98

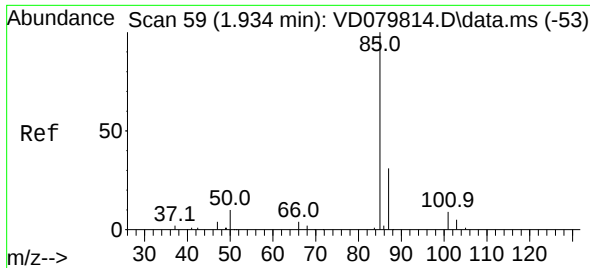
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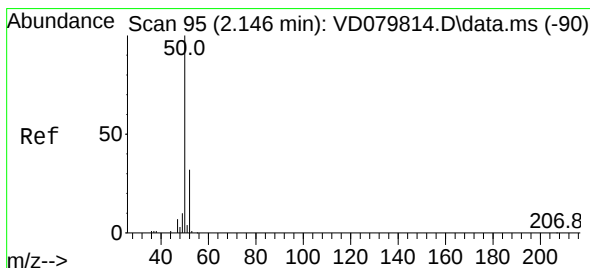
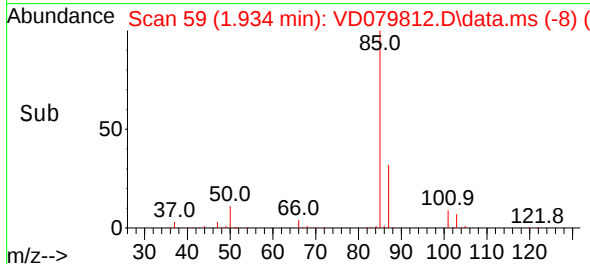
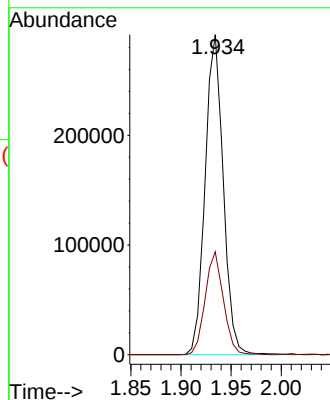
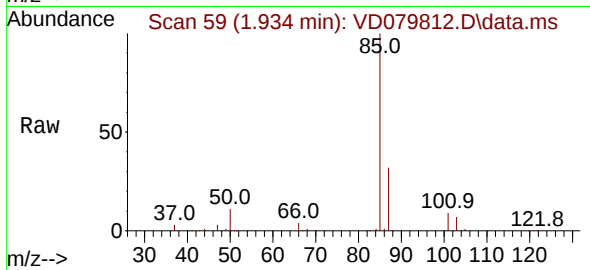




#2
 Dichlorodifluoromethane
 Concen: 94.729 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079812.D
 Acq: 10 Sep 2024 13:24

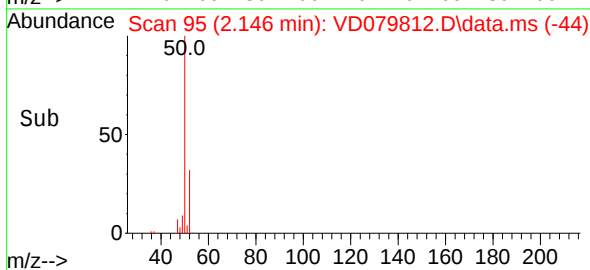
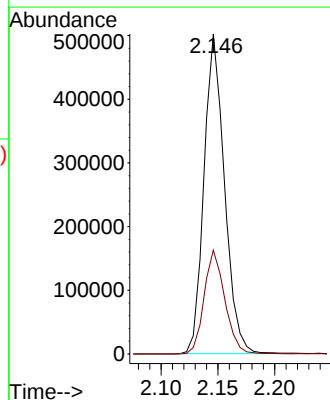
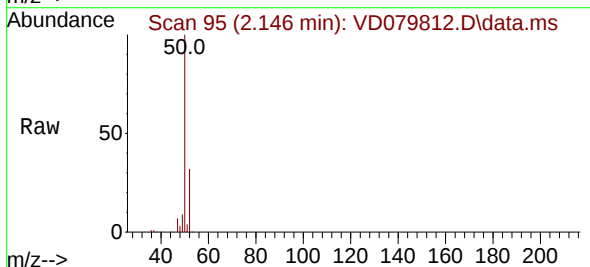
Instrument :
 MSVOA_D
 ClientSampleId :

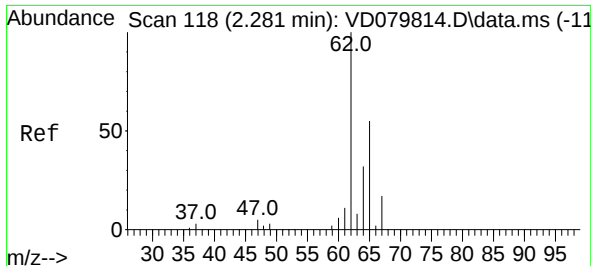
Tgt Ion: 85 Resp: 367759
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.6



#3
 Chloromethane
 Concen: 92.449 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079812.D
 Acq: 10 Sep 2024 13:24

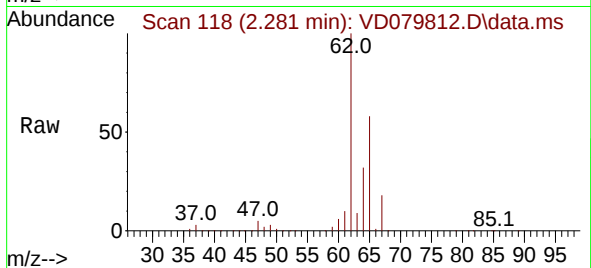
Tgt Ion: 50 Resp: 629154
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.4 41.6



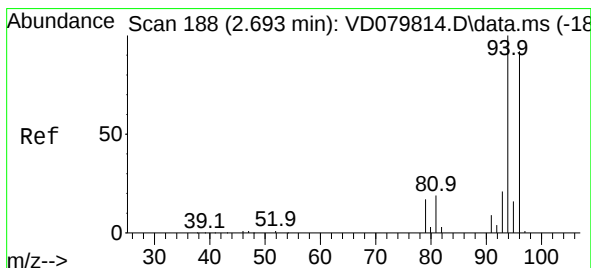
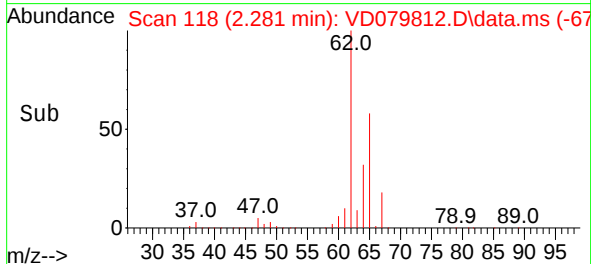
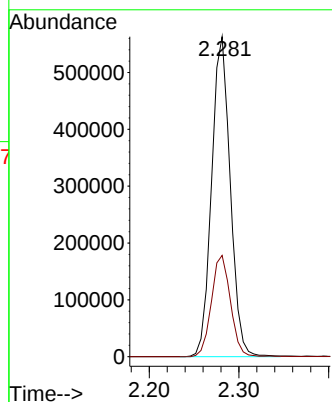


#5
Vinyl chloride
Concen: 97.394 ug/L
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Instrument :
MSVOA_D
ClientSampleId :

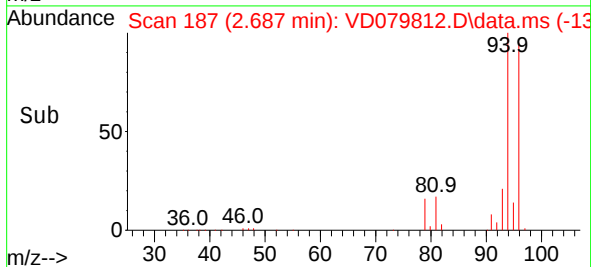
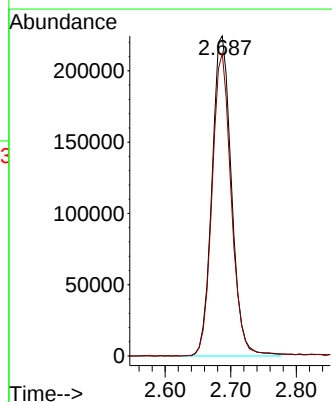
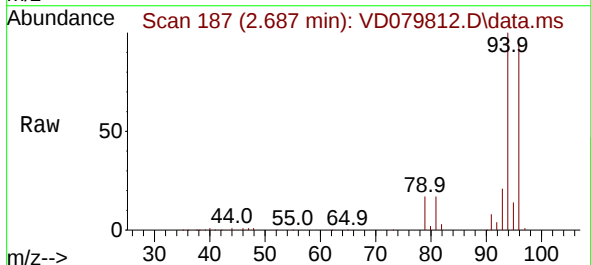


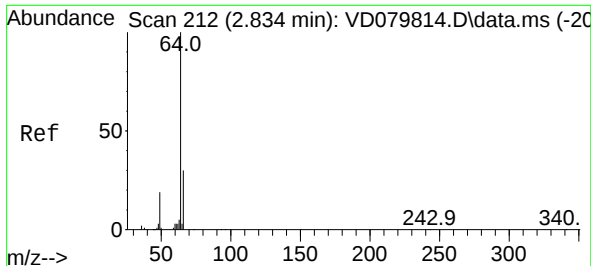
Tgt Ion: 62 Resp: 812201
Ion Ratio Lower Upper
62 100
64 31.6 22.6 42.0



#6
Bromomethane
Concen: 111.086 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 94 Resp: 463480
Ion Ratio Lower Upper
94 100
96 94.6 64.3 119.5





#8

Chloroethane

Concen: 95.177 ug/L

RT: 2.828 min Scan# 211

Delta R.T. -0.006 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

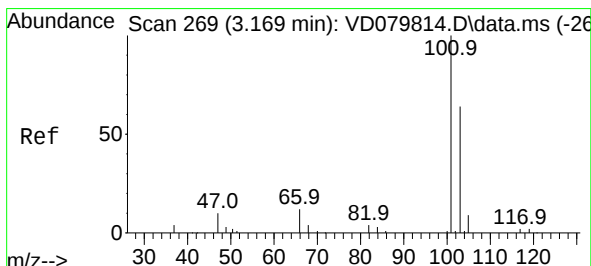
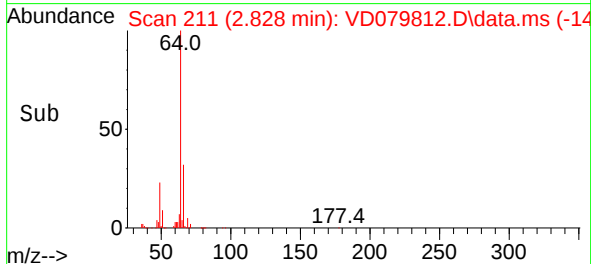
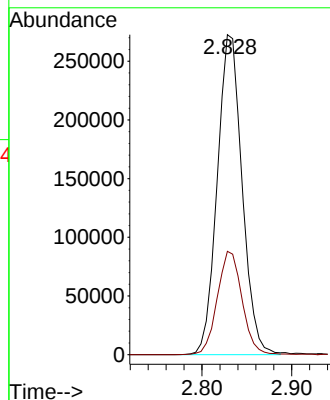
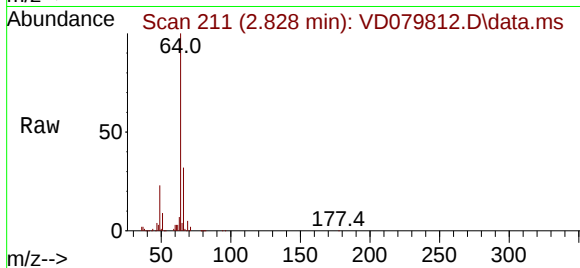
ClientSampleId :

Tgt Ion: 64 Resp: 524385

Ion Ratio Lower Upper

64 100

66 32.3 21.3 39.6



#9

Trichlorofluoromethane

Concen: 92.276 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.000 min

Lab File: VD079812.D

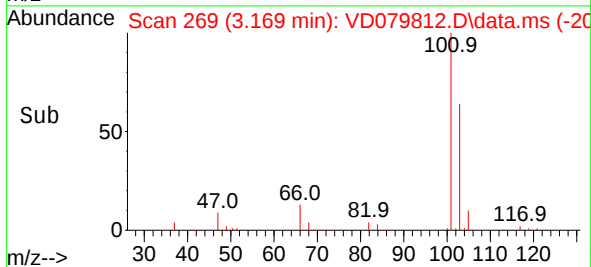
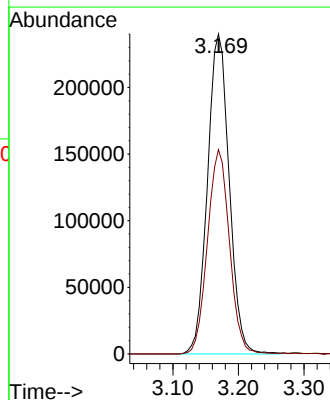
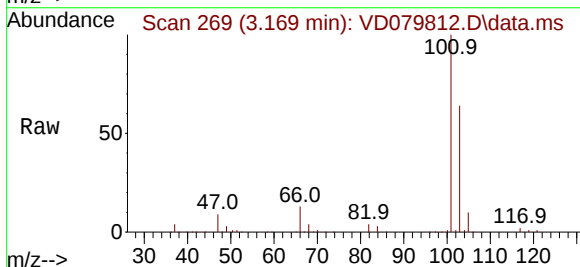
Acq: 10 Sep 2024 13:24

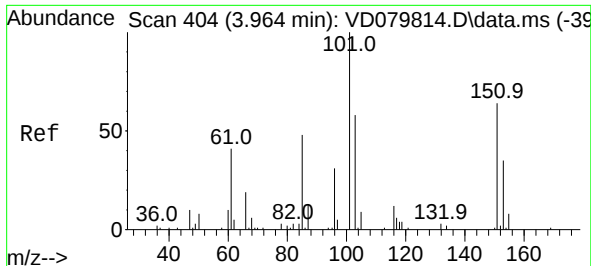
Tgt Ion:101 Resp: 553295

Ion Ratio Lower Upper

101 100

103 64.5 50.5 75.7





#10

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

Concen: 95.972 ug/L

RT: 3.958 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :

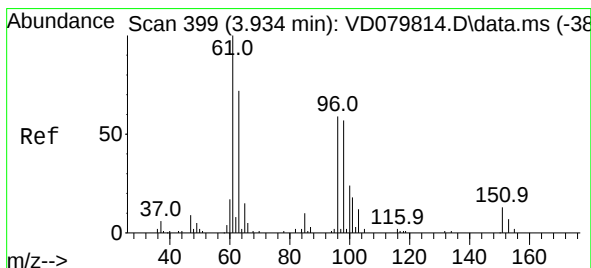
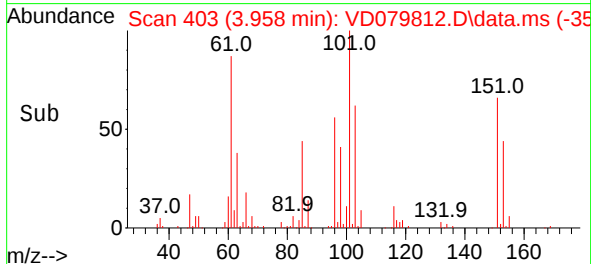
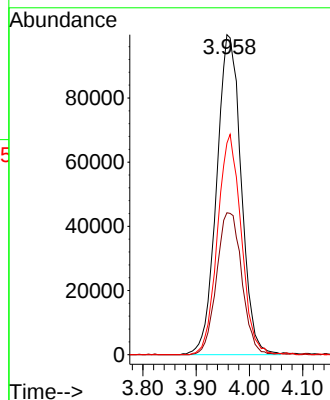
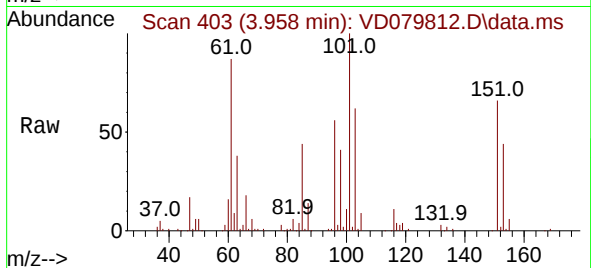
Tgt Ion:101 Resp: 318524

Ion Ratio Lower Upper

101 100

85 45.5 37.8 56.8

151 66.5 54.2 81.4



#12

1,1-Dichloroethene

Concen: 103.876 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

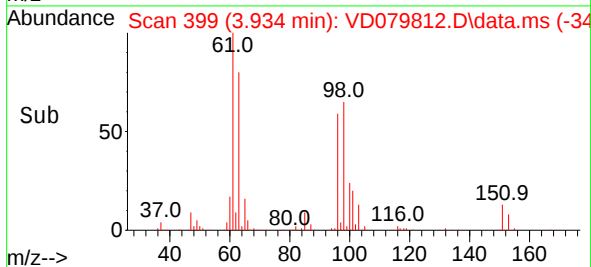
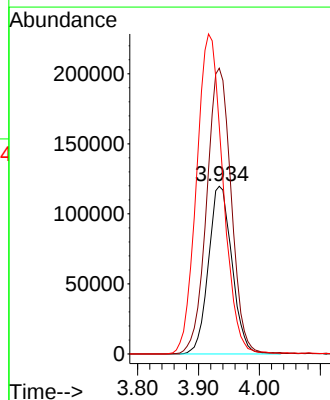
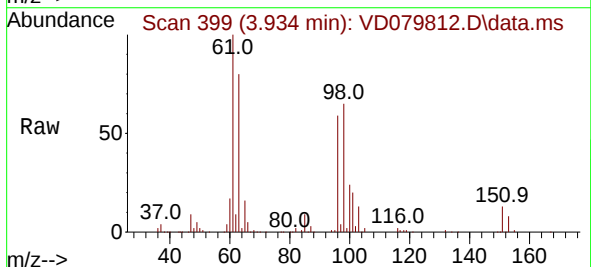
Tgt Ion: 96 Resp: 321107

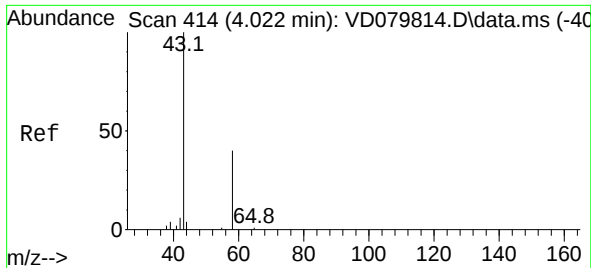
Ion Ratio Lower Upper

96 100

61 170.5 119.8 222.4

63 136.1 93.9 174.3





#13

Acetone

Concen: 218.806 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

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MSVOA_D

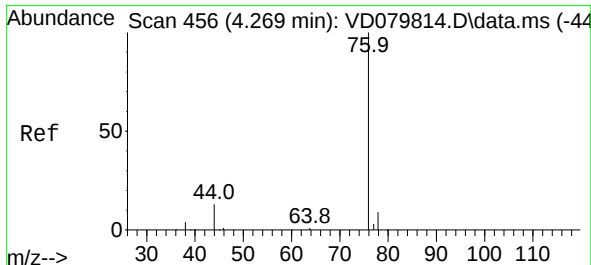
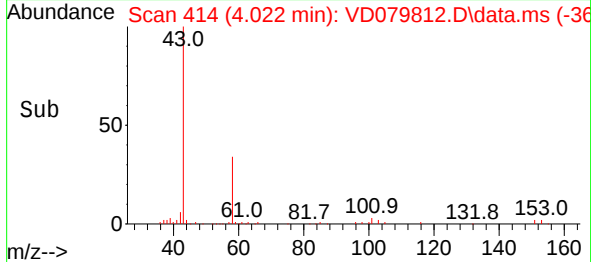
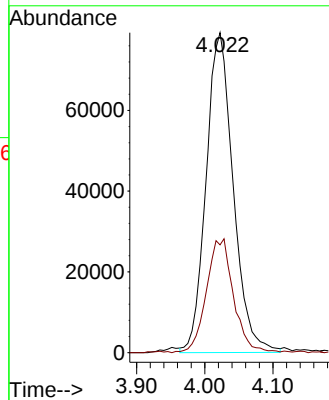
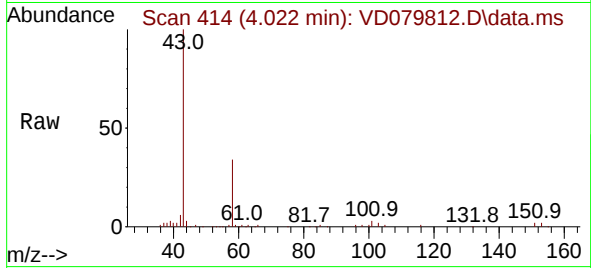
ClientSampleId :

Tgt Ion: 43 Resp: 219427

Ion Ratio Lower Upper

43 100

58 35.4 0.0 75.8



#14

Carbon disulfide

Concen: 92.813 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079812.D

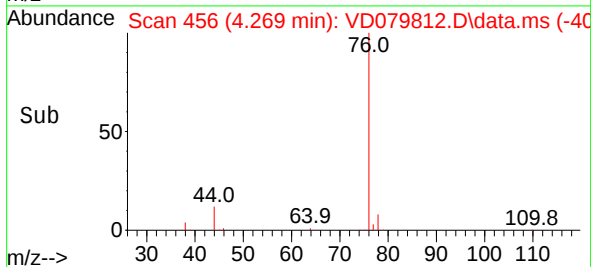
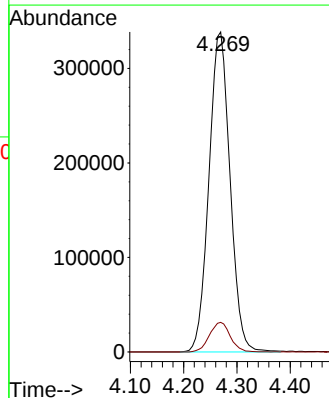
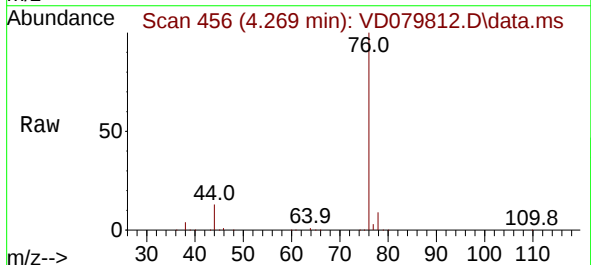
Acq: 10 Sep 2024 13:24

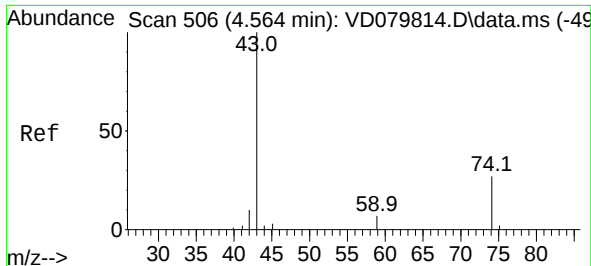
Tgt Ion: 76 Resp: 933279

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

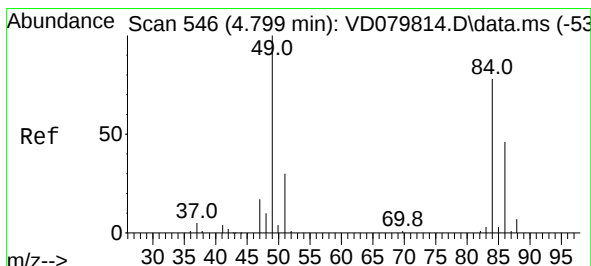
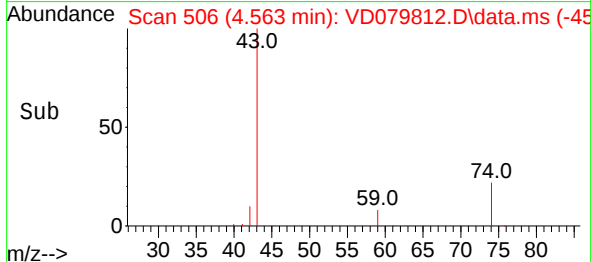
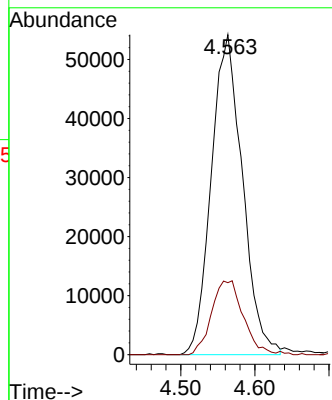
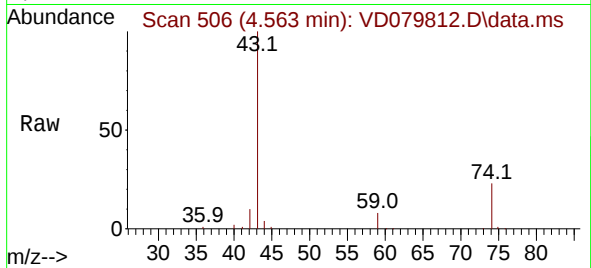




#15
Methyl Acetate
Concen: 99.031 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

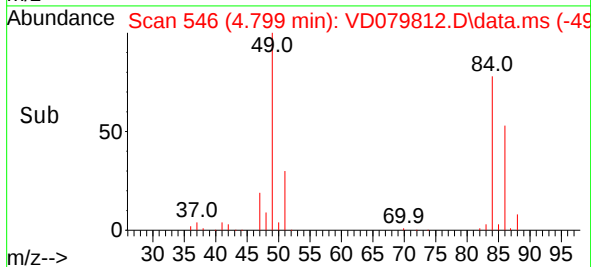
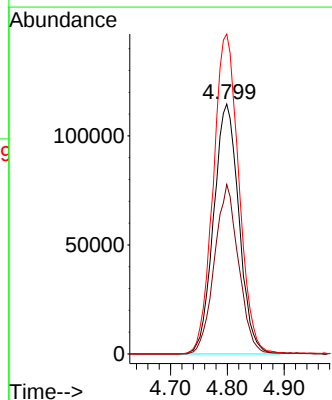
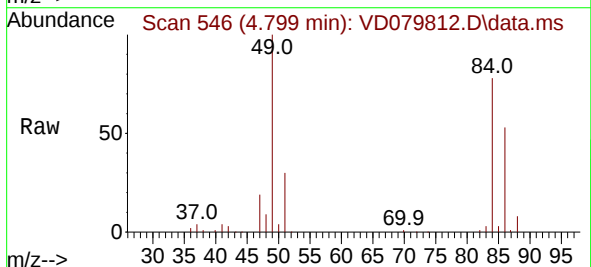
Instrument :
MSVOA_D
ClientSampleId :

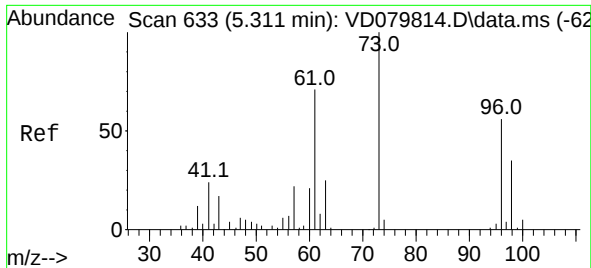
Tgt Ion: 43 Resp: 158195
Ion Ratio Lower Upper
43 100
74 23.4 11.9 17.9#



#16
Methylene chloride
Concen: 88.077 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 84 Resp: 354333
Ion Ratio Lower Upper
84 100
86 67.8 41.0 76.2
49 128.0 90.0 167.2

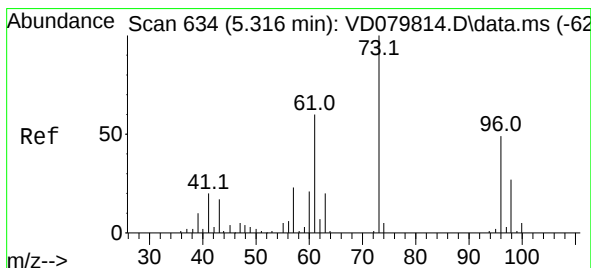
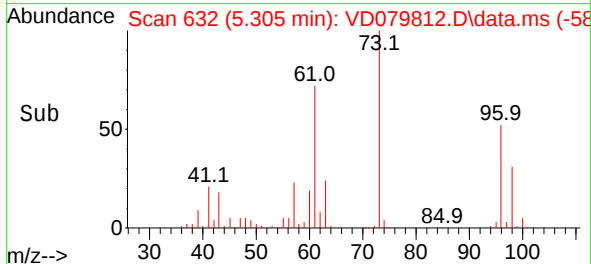
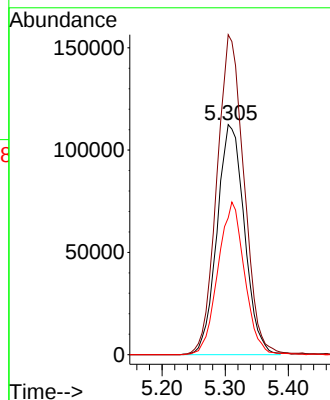
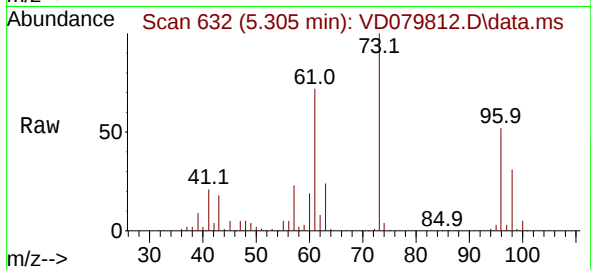




#17
trans-1,2-Dichloroethene
Concen: 102.778 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

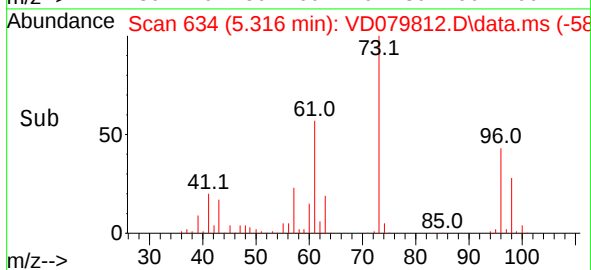
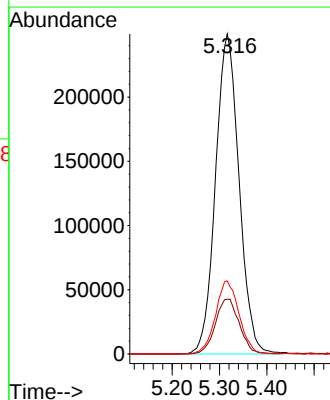
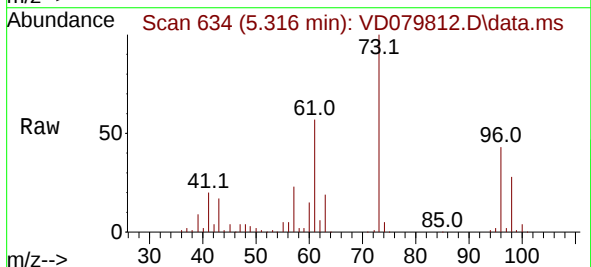
Instrument :
MSVOA_D
ClientSampleId :

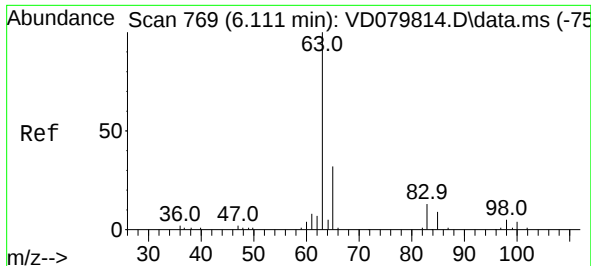
Tgt Ion: 96 Resp: 338777
Ion Ratio Lower Upper
96 100
61 139.0 88.7 164.7
98 59.4 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 115.944 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 73 Resp: 859722
Ion Ratio Lower Upper
73 100
43 17.4 14.5 21.7
57 22.8 18.8 28.2

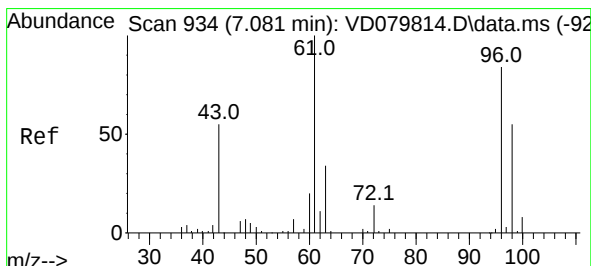
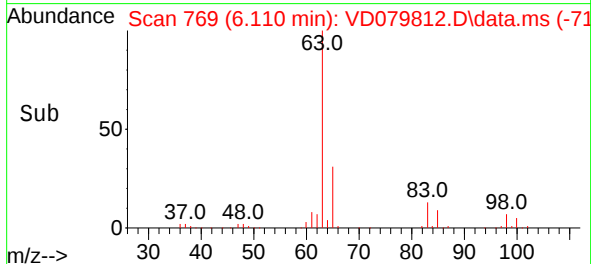
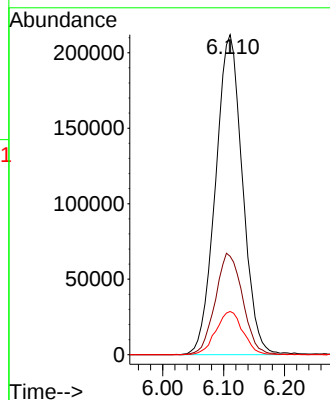
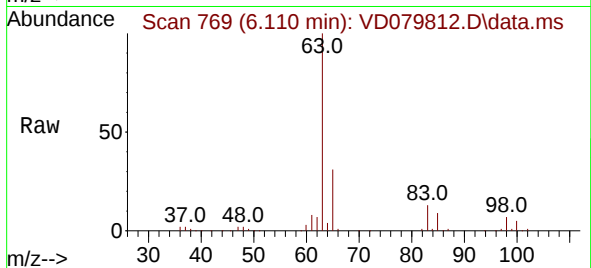




#19
1,1-Dichloroethane
Concen: 99.477 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

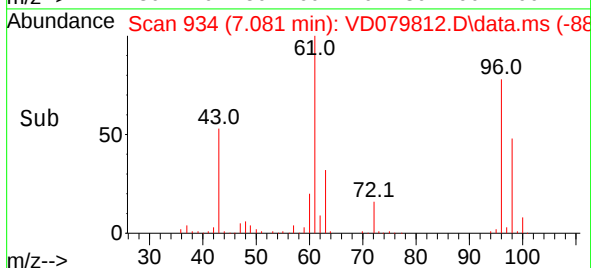
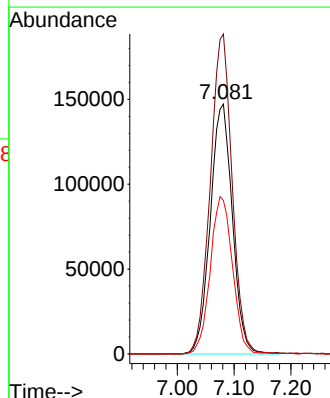
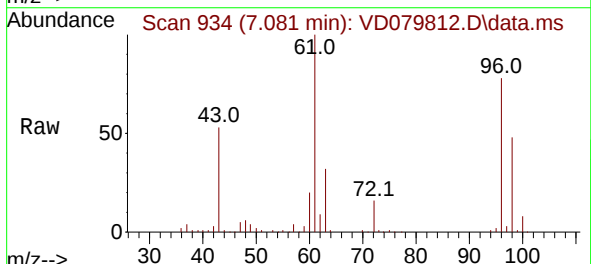
Instrument :
MSVOA_D
ClientSampleId :

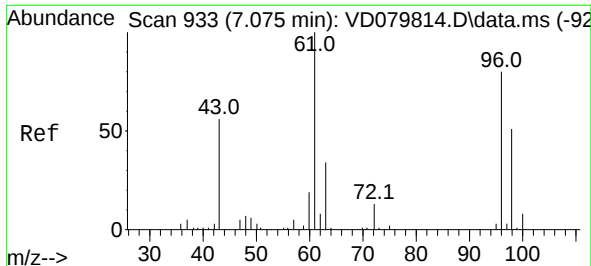
Tgt Ion: 63 Resp: 651288
Ion Ratio Lower Upper
63 100
65 30.8 22.6 42.0
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 109.565 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 96 Resp: 397633
Ion Ratio Lower Upper
96 100
61 128.0 83.8 155.6
98 61.5 45.9 85.3





#22

2-Butanone

Concen: 227.321 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

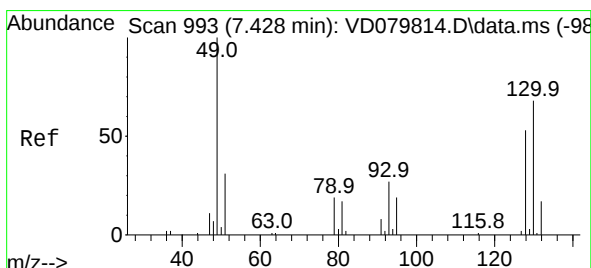
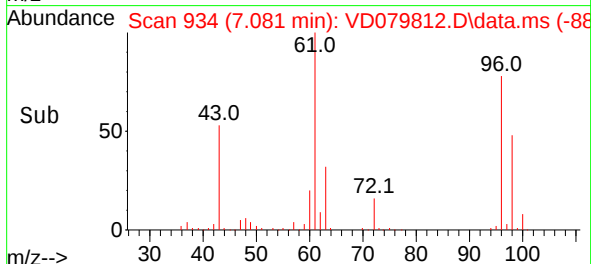
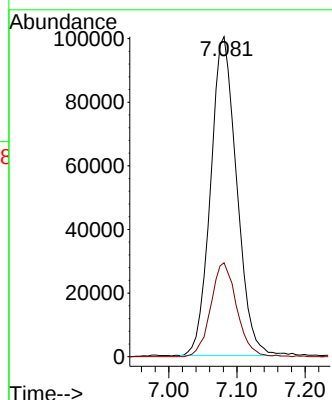
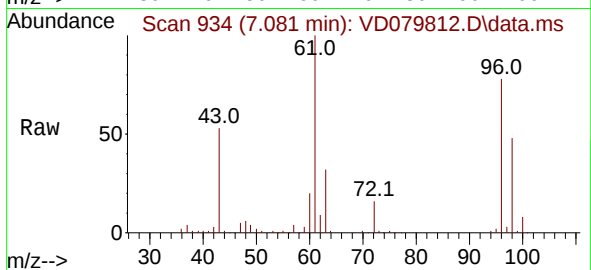
ClientSampleId :

Tgt Ion: 43 Resp: 267415

Ion Ratio Lower Upper

43 100

72 29.1 13.1 39.3



#23

Bromochloromethane

Concen: 100.159 ug/L

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Tgt Ion:128 Resp: 154277

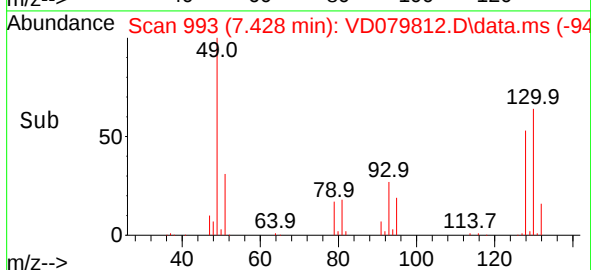
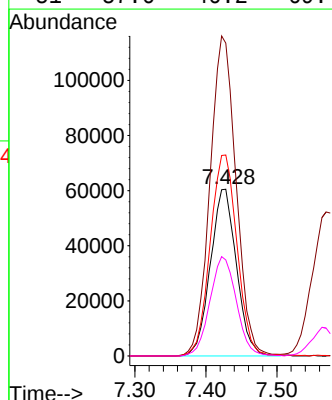
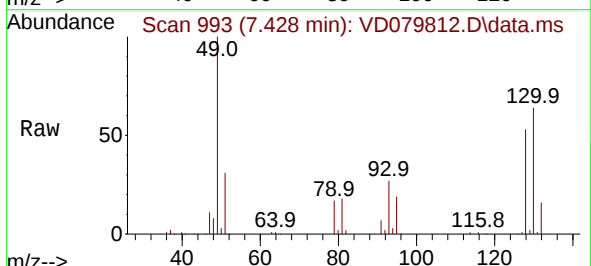
Ion Ratio Lower Upper

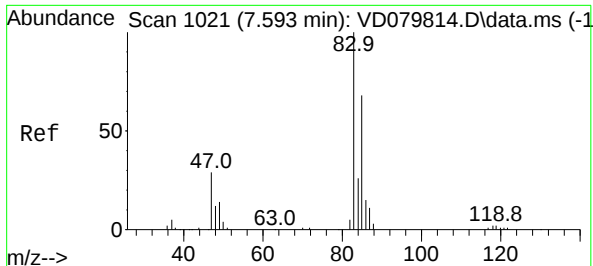
128 100

49 187.6 132.3 245.7

130 120.5 89.4 166.0

51 57.6 46.2 69.4

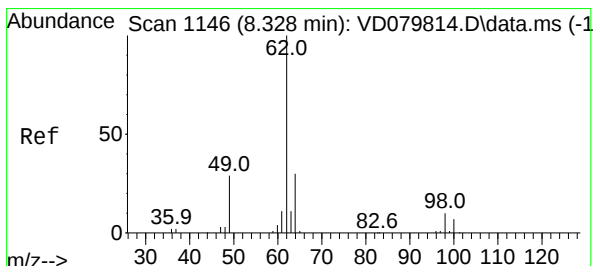
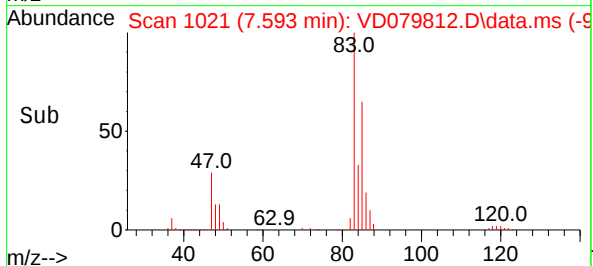
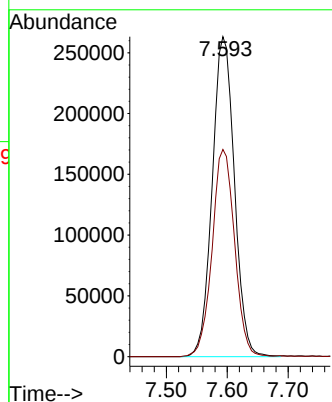
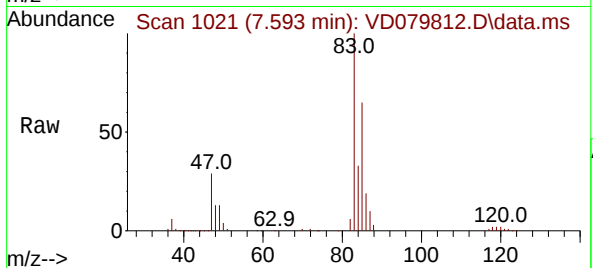




#25
Chloroform
Concen: 97.690 ug/L
RT: 7.593 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

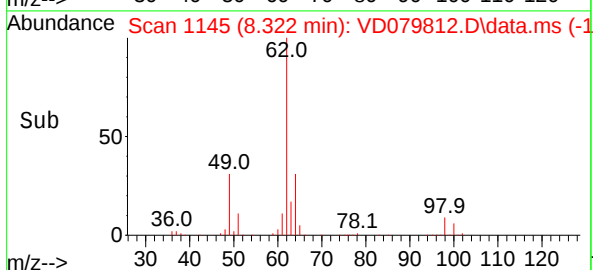
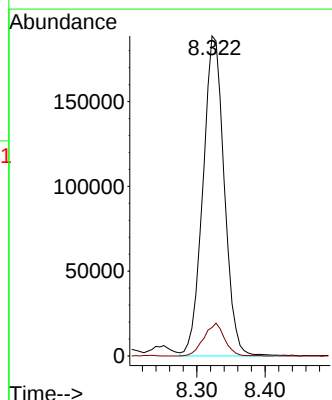
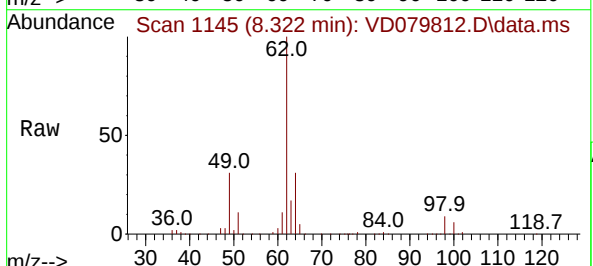
Instrument :
MSVOA_D
ClientSampleId :

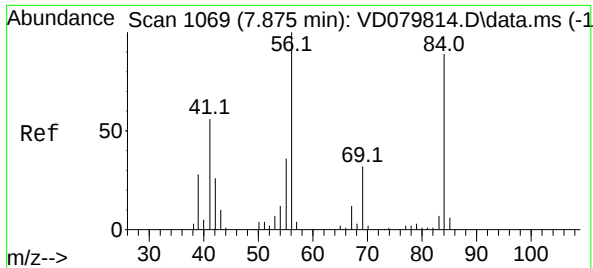
Tgt Ion: 83 Resp: 665781
Ion Ratio Lower Upper
83 100
85 64.8 47.3 87.9



#27
1,2-Dichloroethane
Concen: 98.514 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 62 Resp: 410352
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3

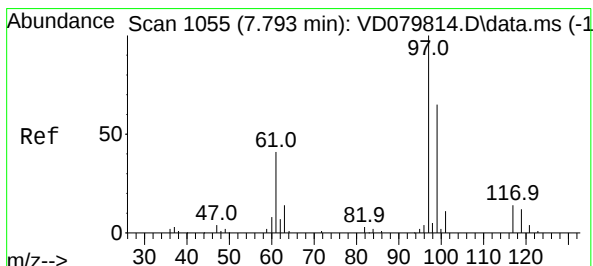
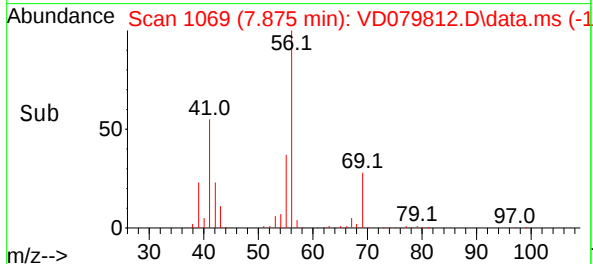
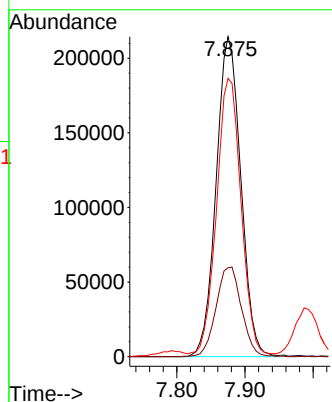
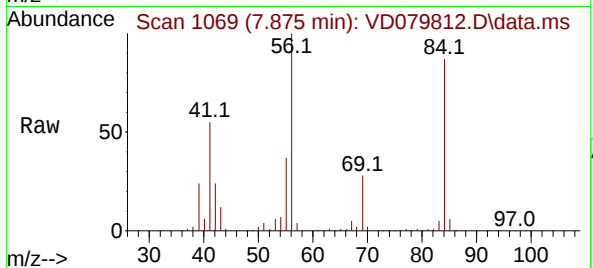




#29
Cyclohexane
Concen: 108.433 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

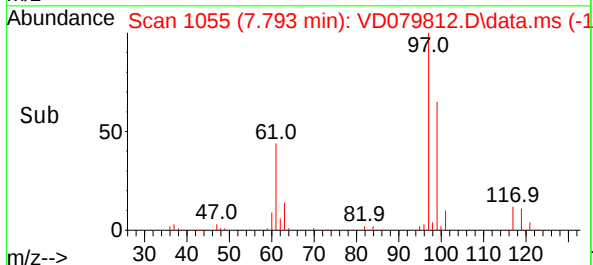
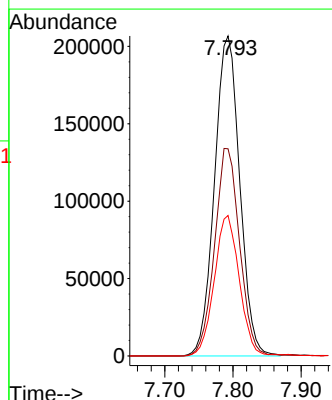
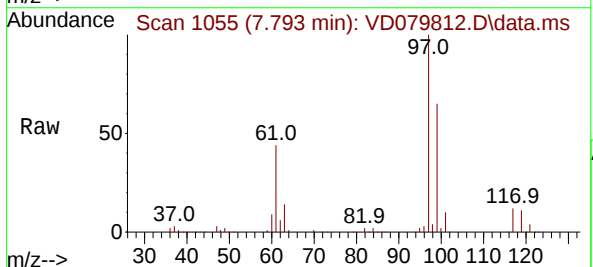
Instrument :
MSVOA_D
ClientSampleId :

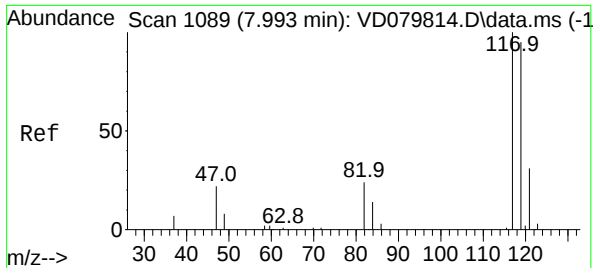
Tgt Ion: 56 Resp: 540610
Ion Ratio Lower Upper
56 100
69 28.8 22.8 34.2
84 86.7 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 97.097 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 97 Resp: 533482
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 43.4 35.4 53.2

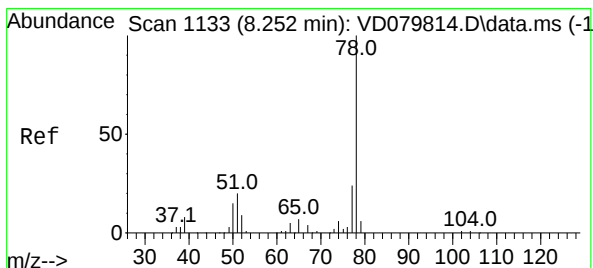
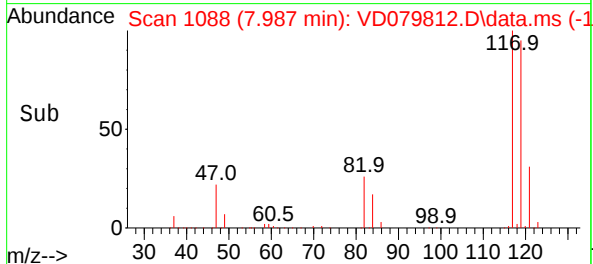
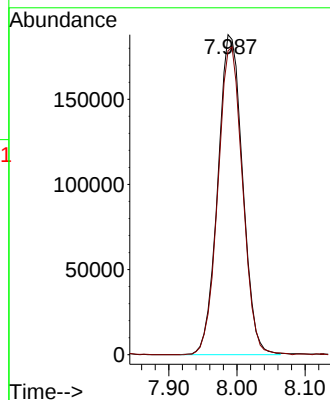
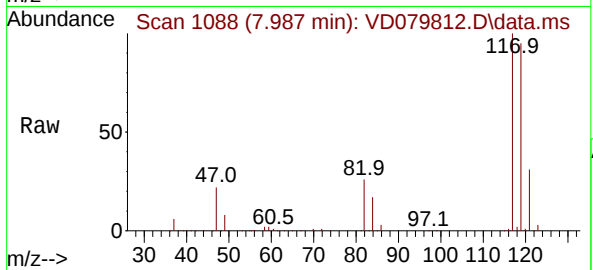




#31
Carbon tetrachloride
Concen: 97.662 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

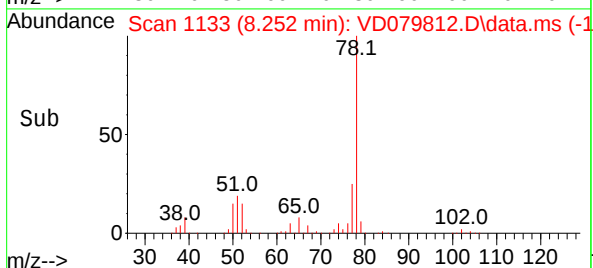
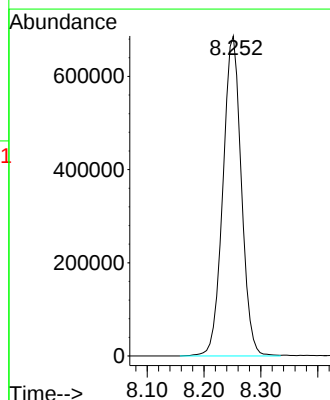
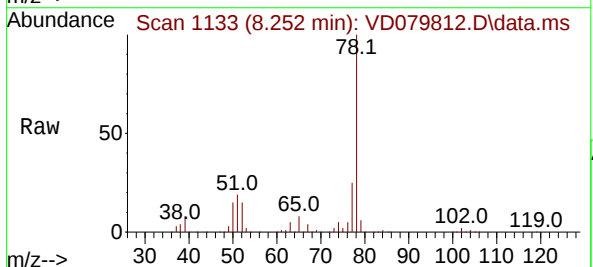
Instrument :
MSVOA_D
ClientSampleId :

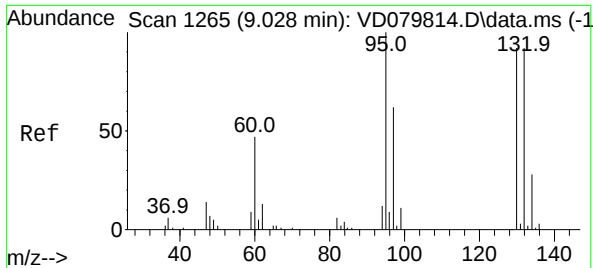
Tgt Ion:117 Resp: 475413
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0



#33
Benzene
Concen: 103.336 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 78 Resp: 1550953

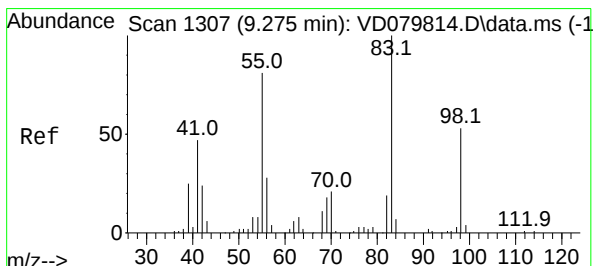
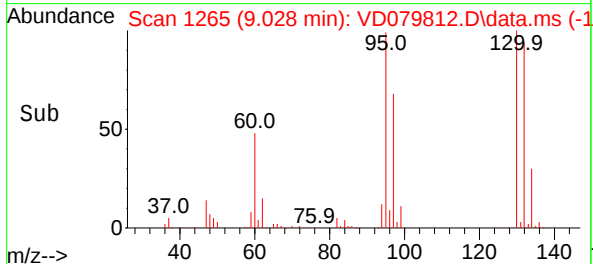
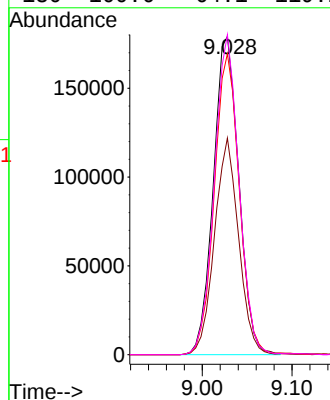
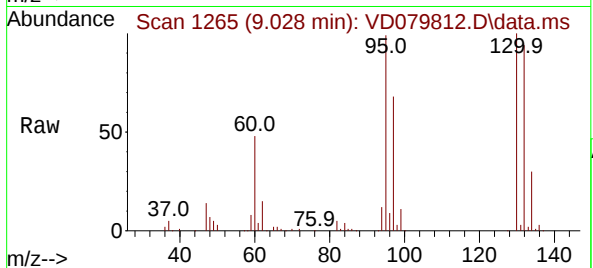




#34
Trichloroethene
Concen: 101.681 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

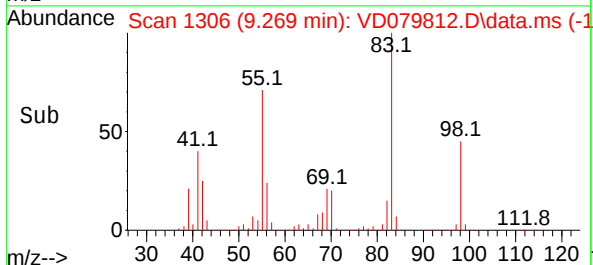
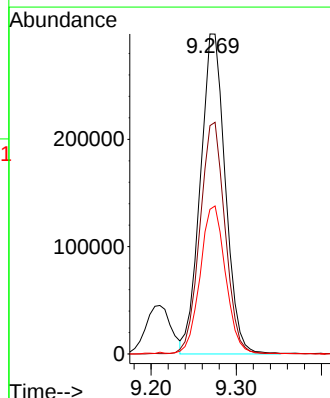
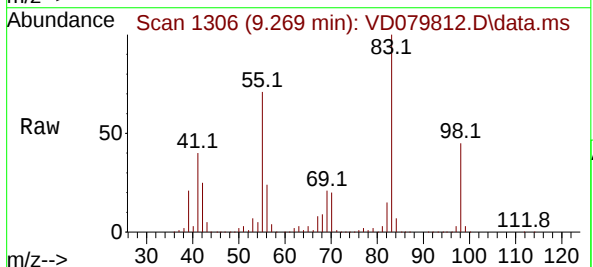
Instrument :
MSVOA_D
ClientSampleId :

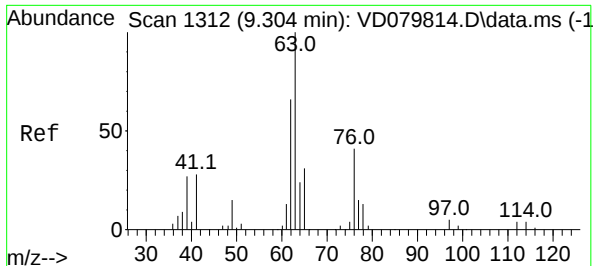
Tgt Ion: 95 Resp: 353274
Ion Ratio Lower Upper
95 100
97 68.1 43.5 80.7
132 94.6 64.5 119.7
130 100.6 64.1 119.1



#35
Methylcyclohexane
Concen: 108.458 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 83 Resp: 606997
Ion Ratio Lower Upper
83 100
55 72.7 58.9 88.3
98 46.6 38.6 58.0

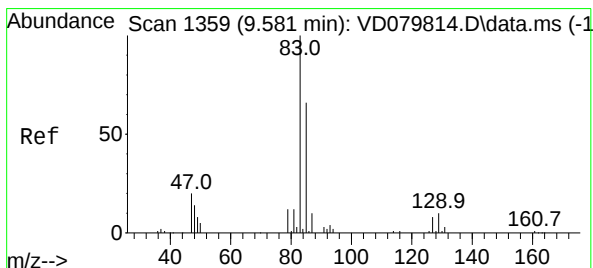
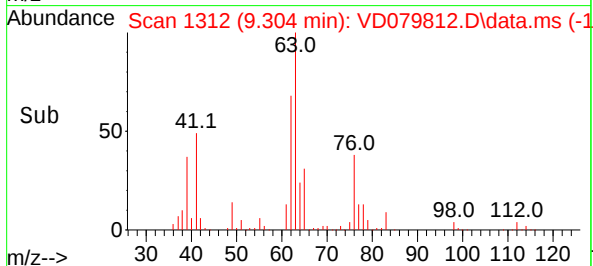
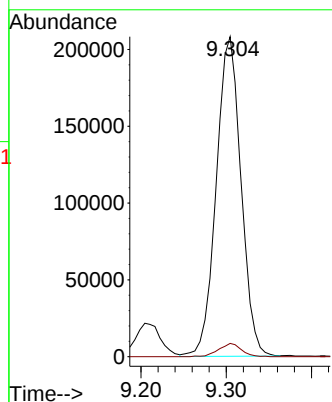
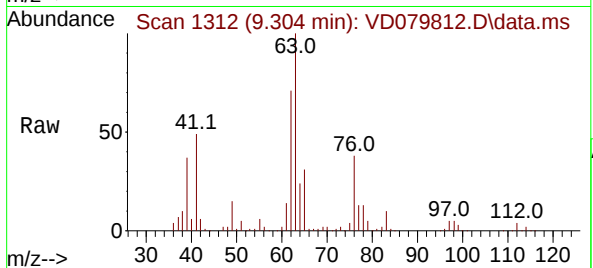




#37
1,2-Dichloropropane
Concen: 102.479 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

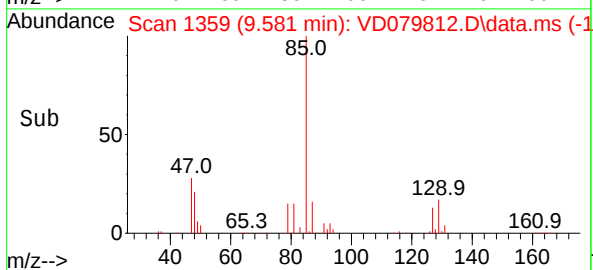
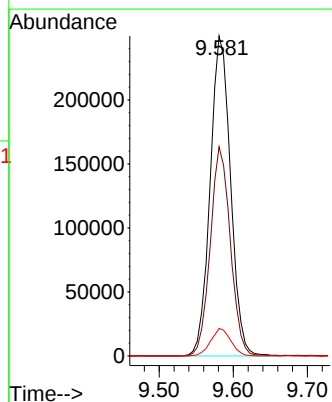
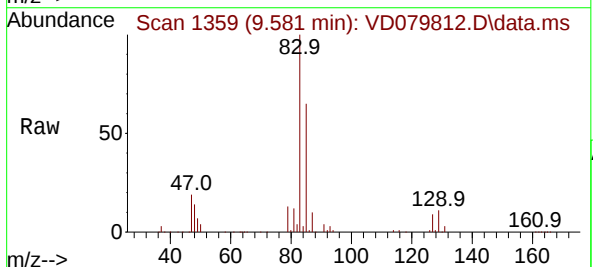
Instrument :
MSVOA_D
ClientSampleId :

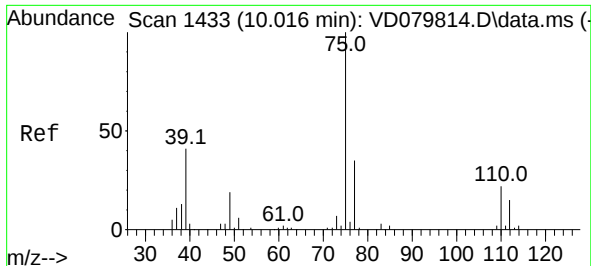
Tgt Ion: 63 Resp: 419462
Ion Ratio Lower Upper
63 100
112 3.8 0.0 0.0#



#38
Bromodichloromethane
Concen: 100.281 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion: 83 Resp: 478276
Ion Ratio Lower Upper
83 100
85 65.3 45.9 85.3
127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 114.190 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

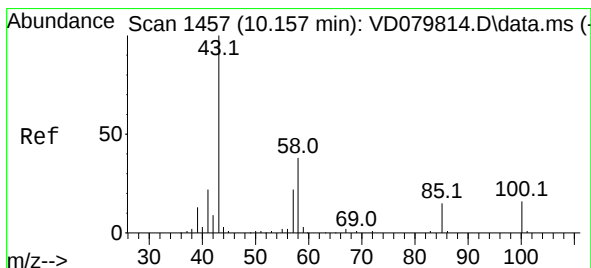
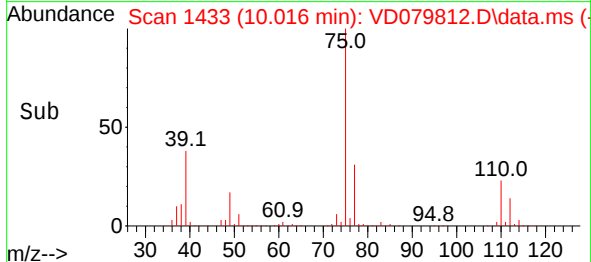
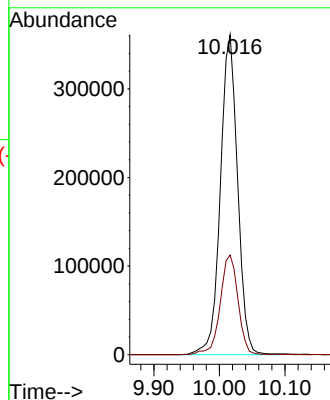
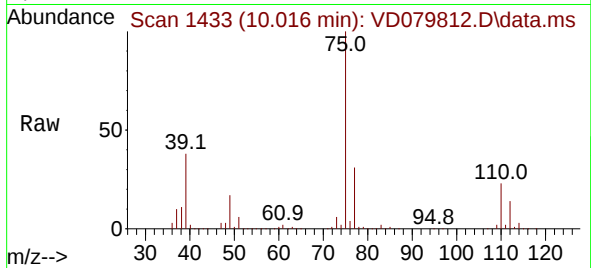
ClientSampleId :

Tgt Ion: 75 Resp: 656341

Ion Ratio Lower Upper

75 100

77 31.1 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 227.437 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

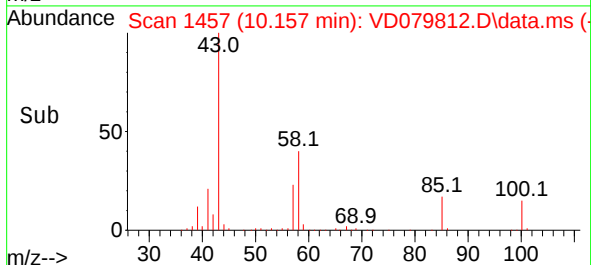
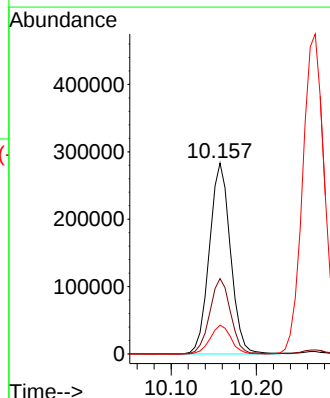
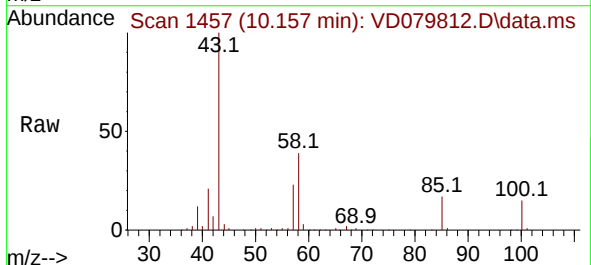
Tgt Ion: 43 Resp: 487314

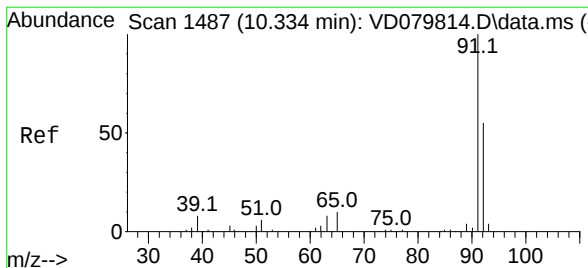
Ion Ratio Lower Upper

43 100

58 39.1 31.1 46.7

100 14.8 11.8 17.6





#42

Toluene

Concen: 106.860 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

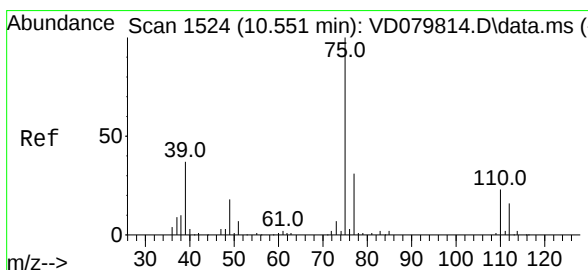
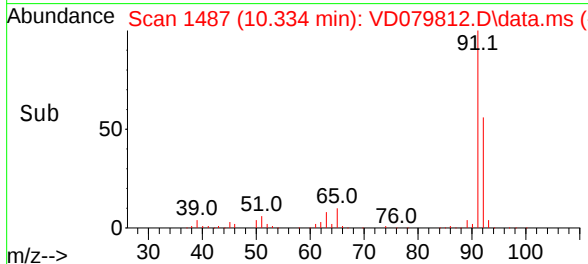
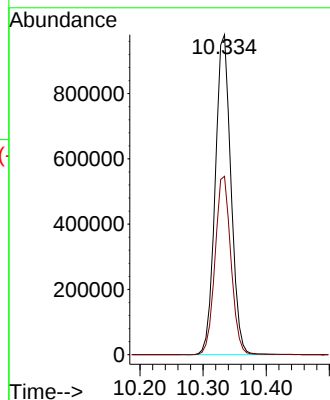
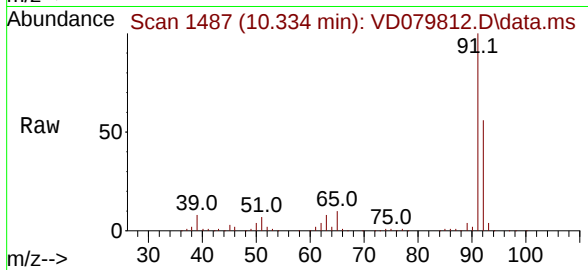
ClientSampleId :

Tgt Ion: 91 Resp: 1689421

Ion Ratio Lower Upper

91 100

92 55.8 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 111.020 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079812.D

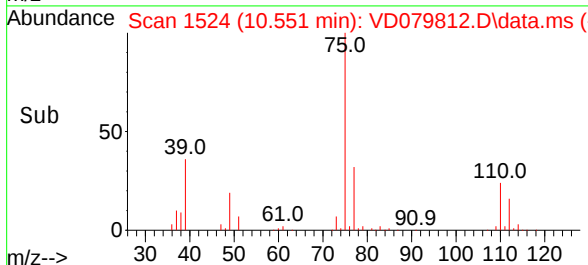
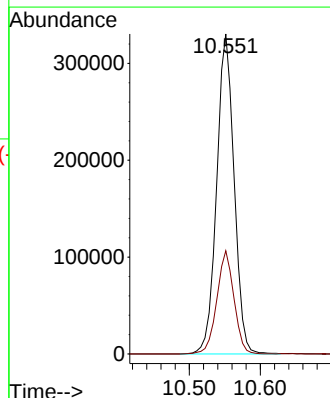
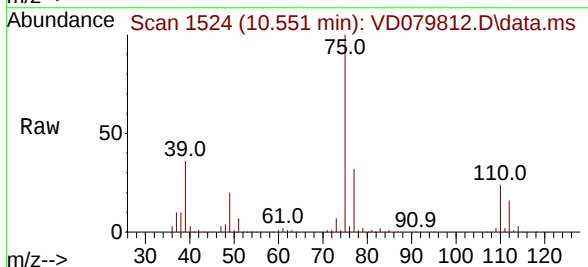
Acq: 10 Sep 2024 13:24

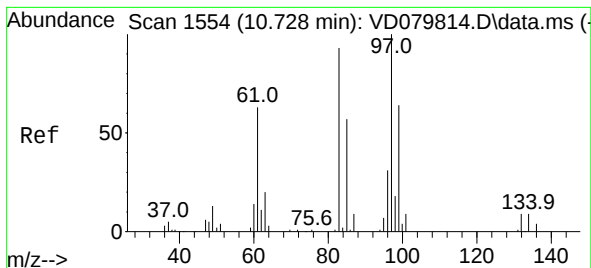
Tgt Ion: 75 Resp: 562372

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 101.947 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

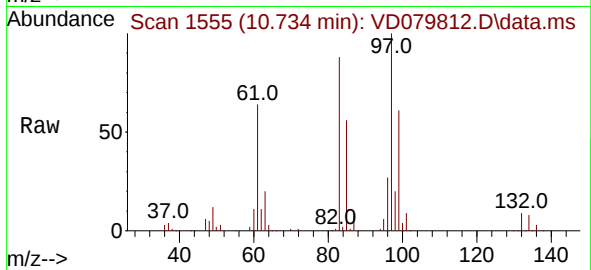
Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 285093

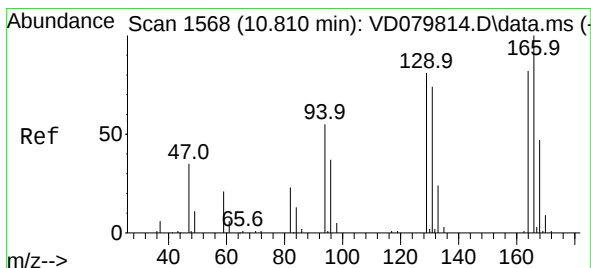
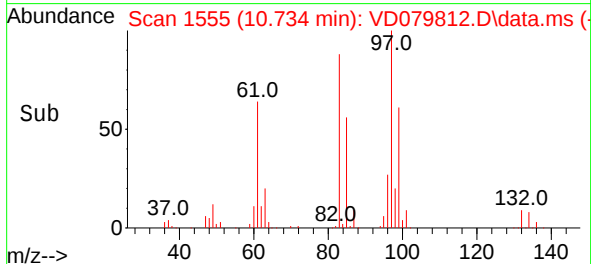
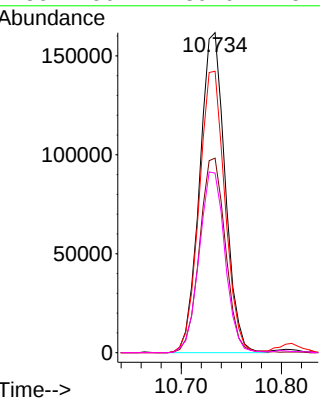
Ion Ratio Lower Upper

97 100

99 60.8 45.1 83.7

83 88.0 65.2 121.0

85 56.1 39.6 73.6



#46

Tetrachloroethene

Concen: 101.964 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Tgt Ion:164 Resp: 240068

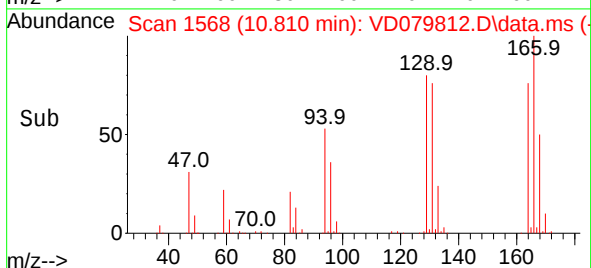
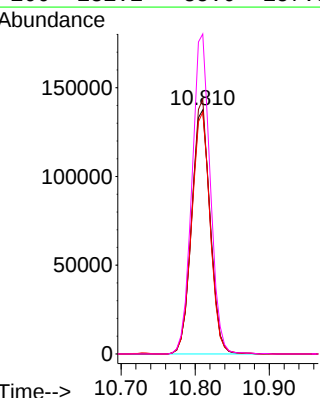
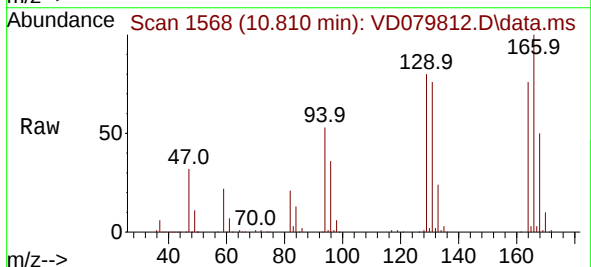
Ion Ratio Lower Upper

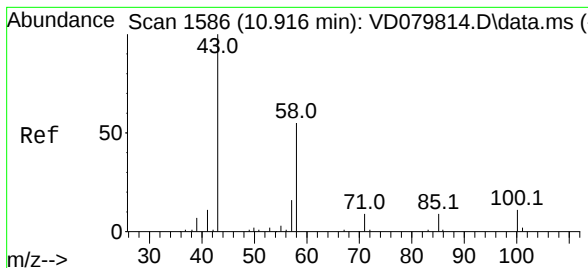
164 100

129 104.4 68.7 127.5

131 99.2 62.5 116.1

166 131.1 85.0 157.8





#48

2-Hexanone

Concen: 226.968 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 395571

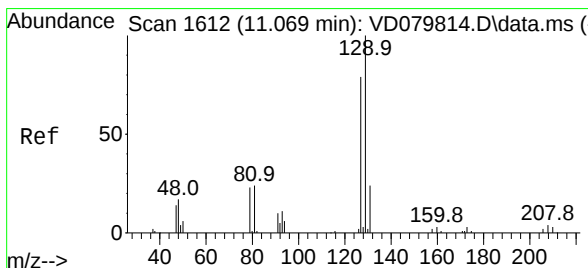
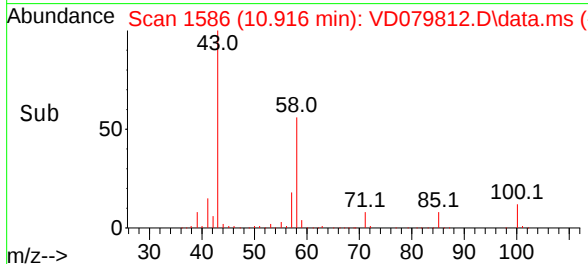
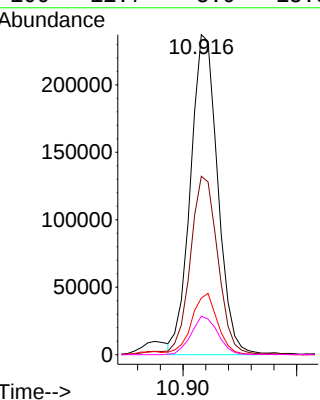
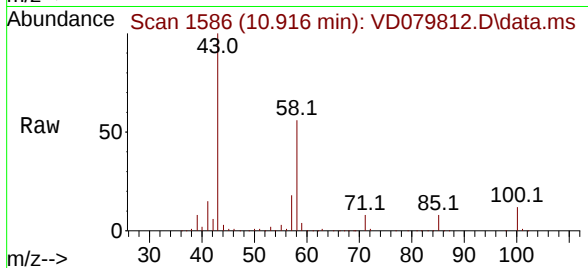
Ion Ratio Lower Upper

43 100

58 56.2 44.7 67.1

57 18.5 13.6 20.4

100 11.7 8.9 13.3



#49

Dibromochloromethane

Concen: 102.776 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079812.D

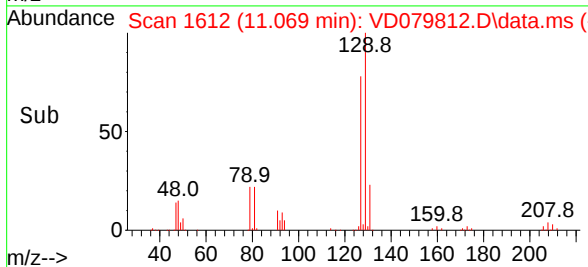
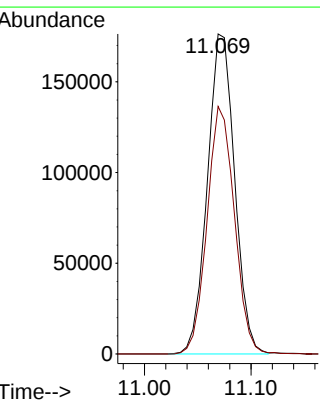
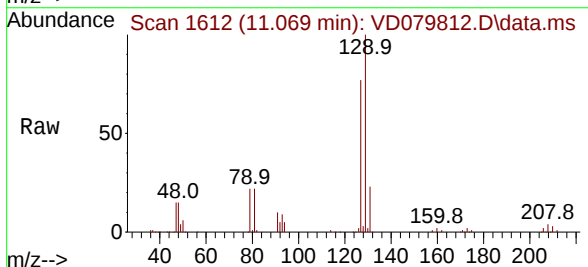
Acq: 10 Sep 2024 13:24

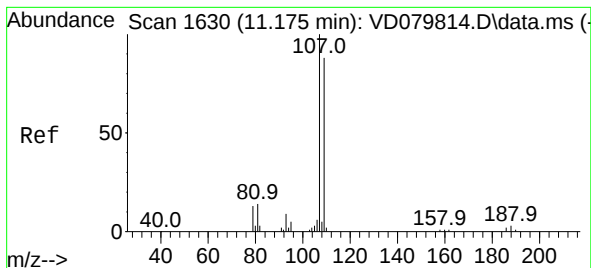
Tgt Ion:129 Resp: 313712

Ion Ratio Lower Upper

129 100

127 77.4 55.2 102.6





#50

1,2-Dibromoethane

Concen: 102.676 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :

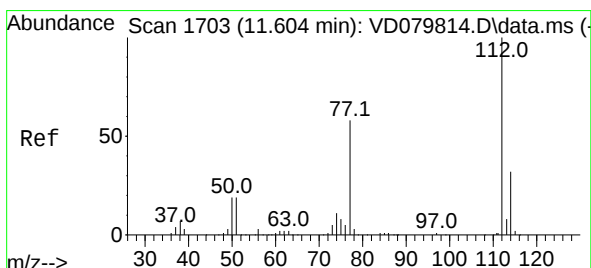
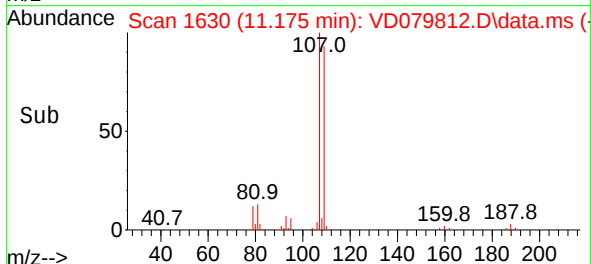
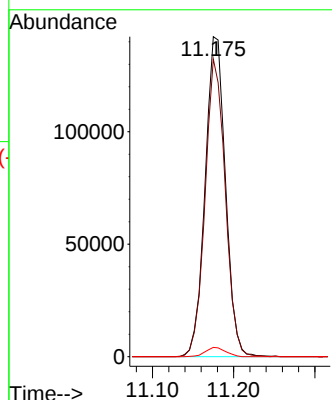
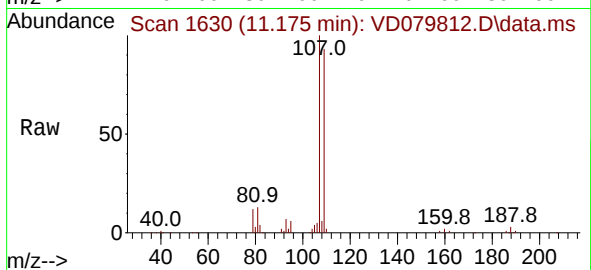
Tgt Ion:107 Resp: 247999

Ion Ratio Lower Upper

107 100

109 93.0 61.5 114.1

188 2.9 2.3 3.5



#51

Chlorobenzene

Concen: 103.721 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

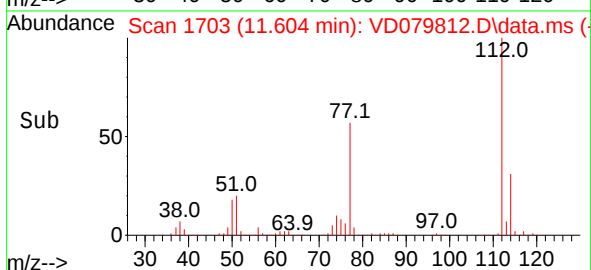
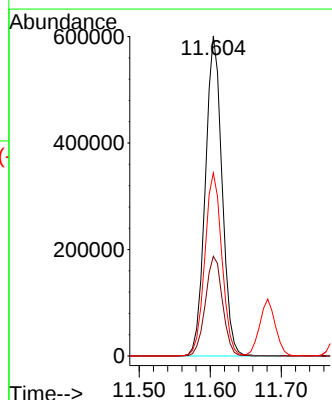
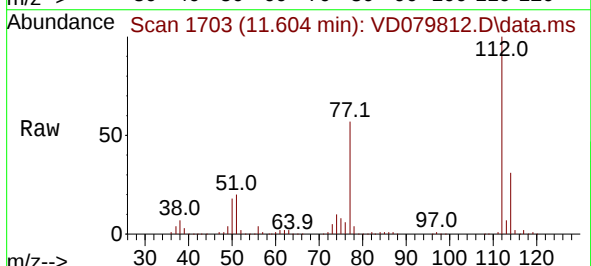
Tgt Ion:112 Resp: 984082

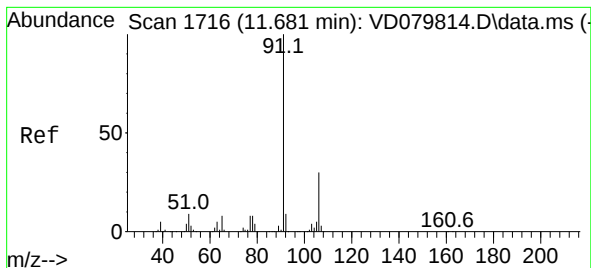
Ion Ratio Lower Upper

112 100

114 31.2 22.0 41.0

77 57.2 46.7 70.1

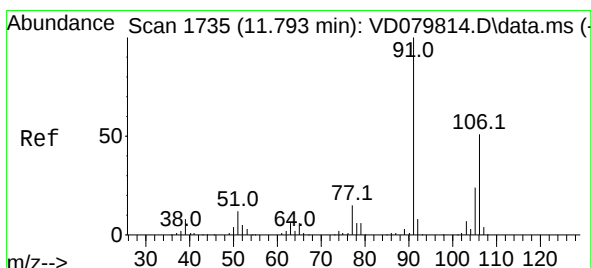
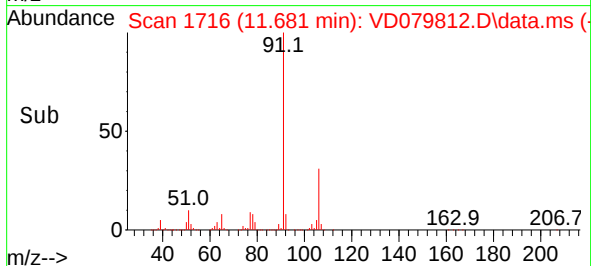
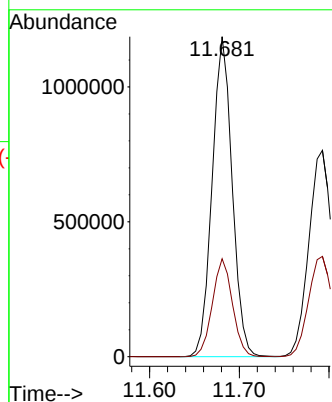
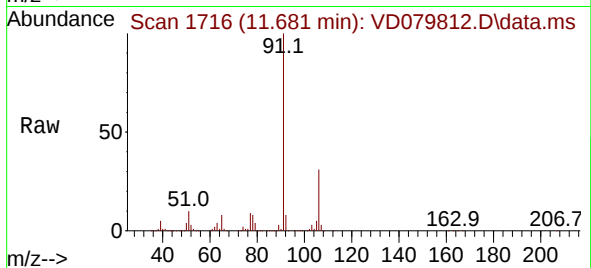




#52
Ethylbenzene
Concen: 110.654 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

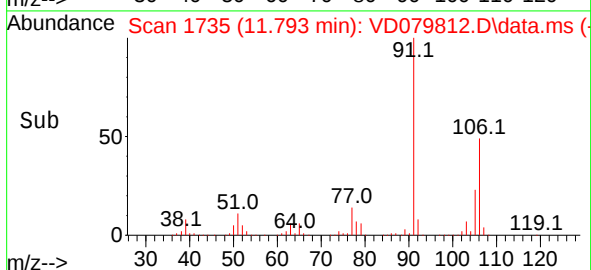
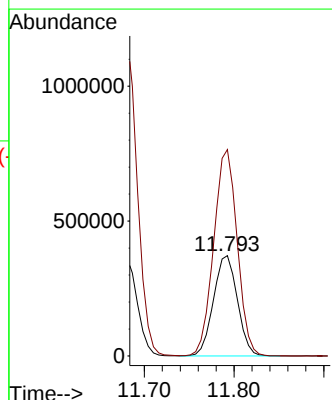
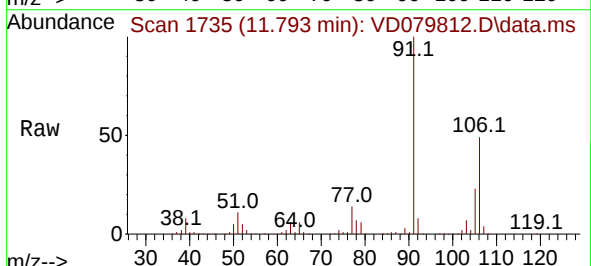
Instrument :
MSVOA_D
ClientSampleId :

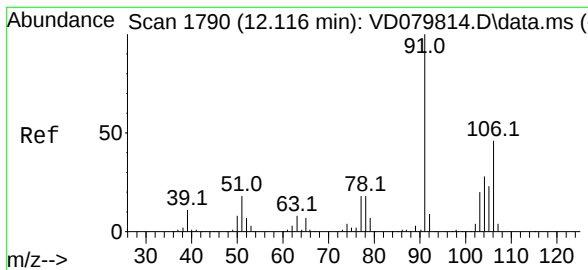
Tgt Ion: 91 Resp: 1837763
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 109.419 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion:106 Resp: 688304
Ion Ratio Lower Upper
106 100
91 205.7 138.3 256.9

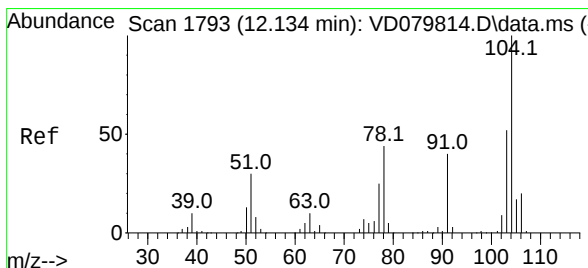
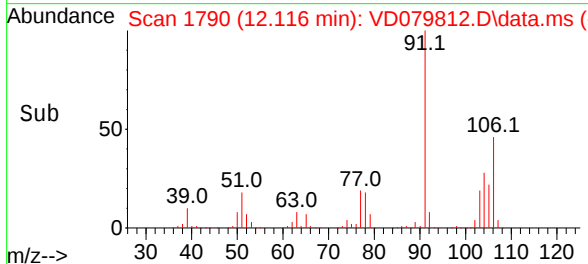
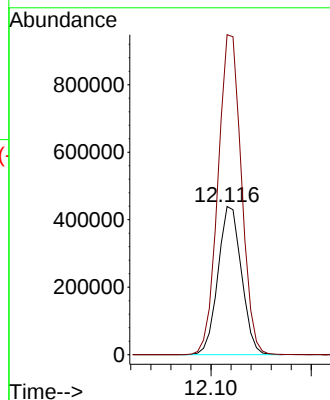
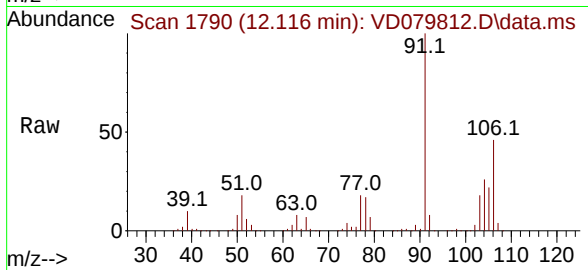




#54
o-Xylene
Concen: 115.599 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

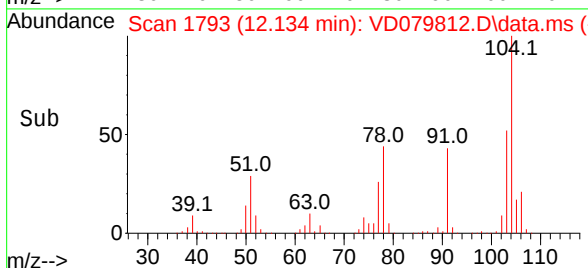
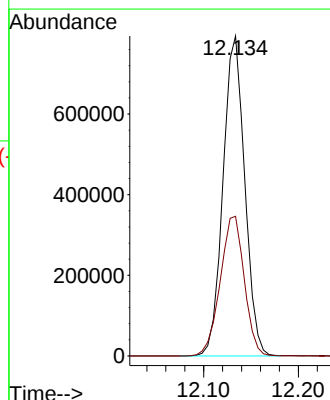
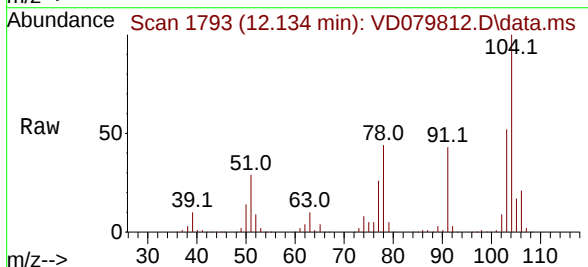
Instrument :
MSVOA_D
ClientSampleId :

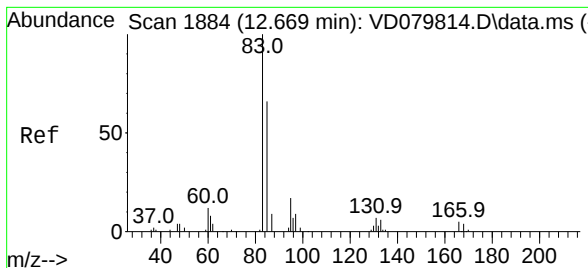
Tgt Ion:106 Resp: 712996
Ion Ratio Lower Upper
106 100
91 215.9 152.6 283.4



#55
Styrene
Concen: 116.566 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion:104 Resp: 1263569
Ion Ratio Lower Upper
104 100
78 43.6 30.7 57.1

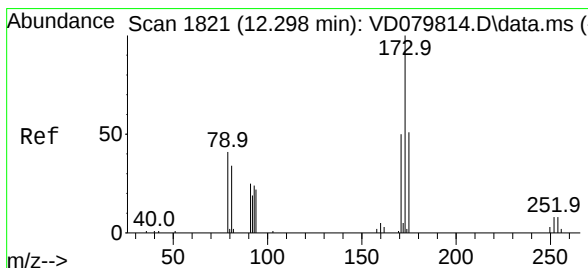
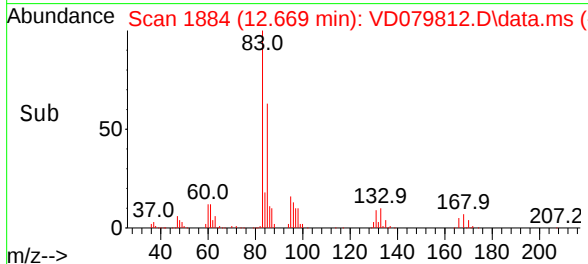
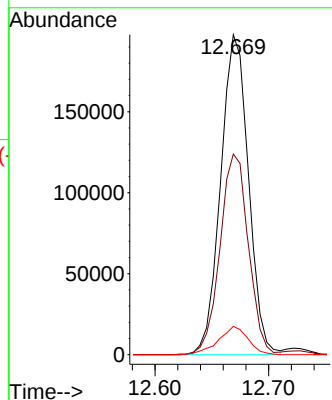
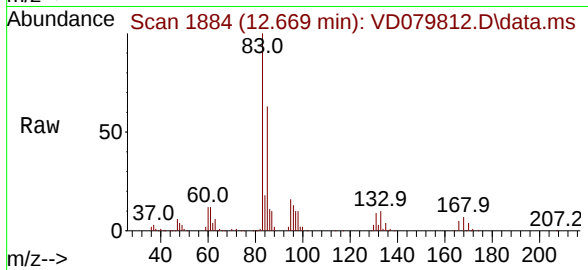




#57
1,1,2,2-Tetrachloroethane
Concen: 102.416 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

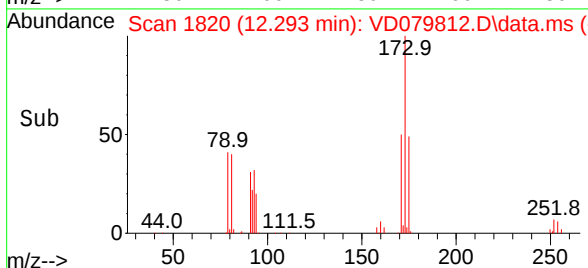
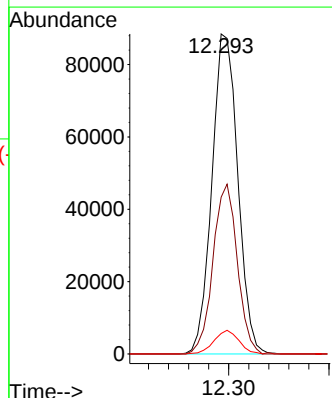
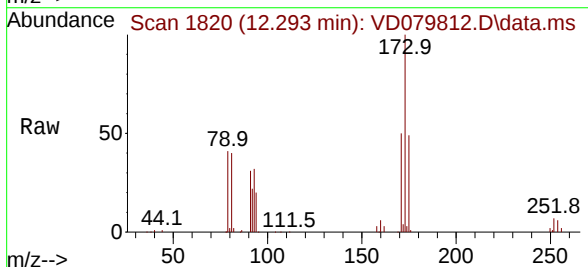
Instrument :
MSVOA_D
ClientSampleId :

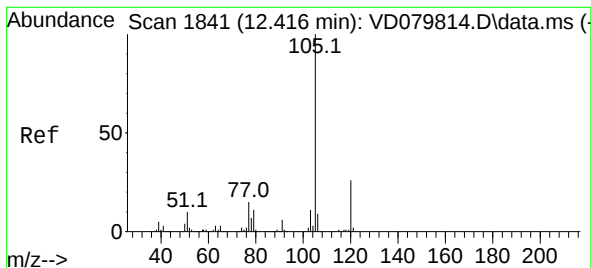
Tgt Ion: 83 Resp: 335714
Ion Ratio Lower Upper
83 100
85 62.7 46.8 87.0
131 8.8 6.5 9.7



#59
Bromoform
Concen: 95.819 ug/L
RT: 12.293 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion:173 Resp: 158707
Ion Ratio Lower Upper
173 100
175 49.7 39.2 58.8
254 7.1 5.5 8.3





#60

Isopropylbenzene

Concen: 110.031 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :

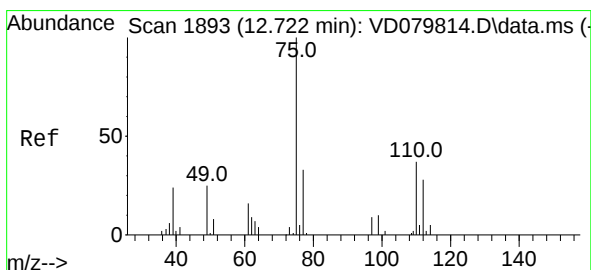
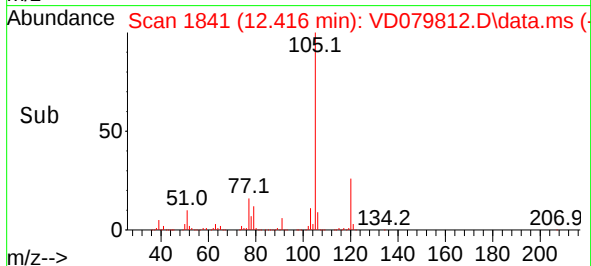
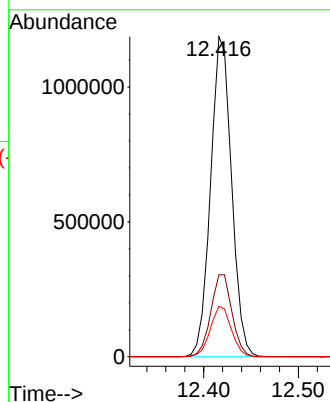
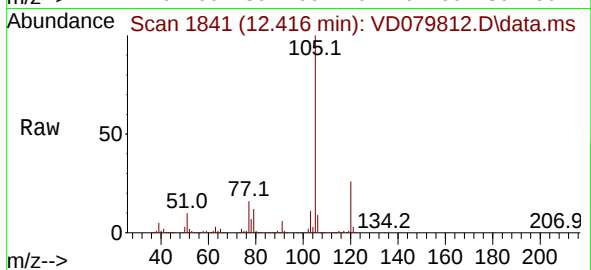
Tgt Ion:105 Resp: 1822719

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 97.367 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

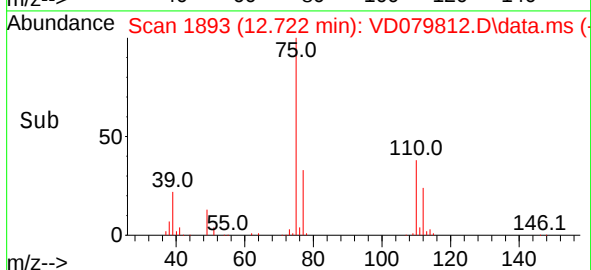
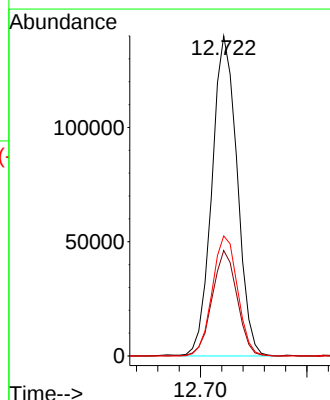
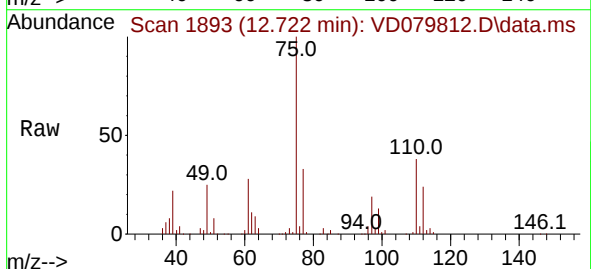
Tgt Ion: 75 Resp: 229637

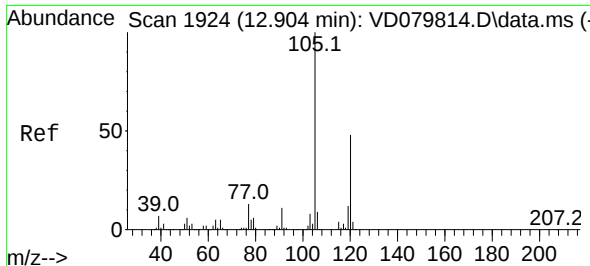
Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

110 37.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 123.114 ug/L

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

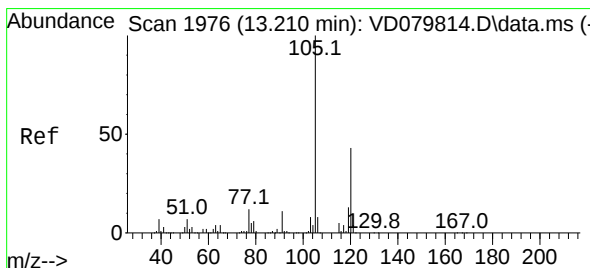
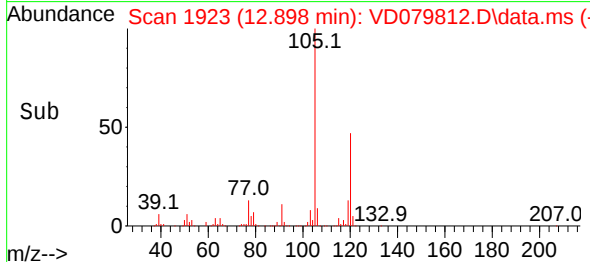
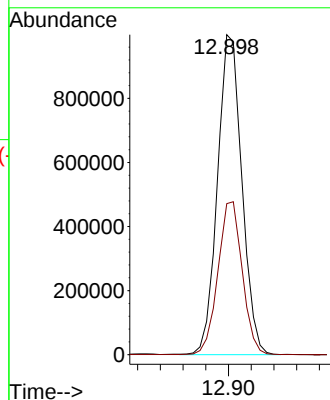
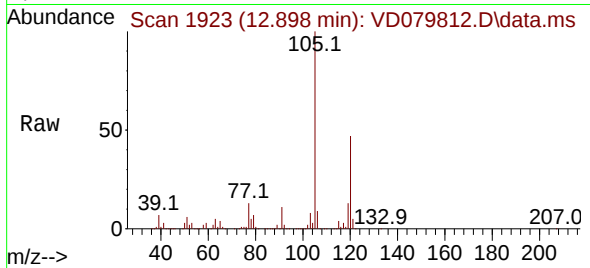
ClientSampleId :

Tgt Ion:105 Resp: 1491534

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 117.561 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079812.D

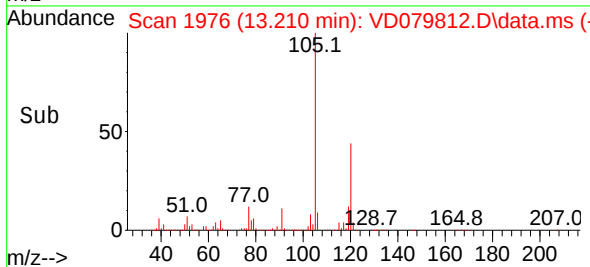
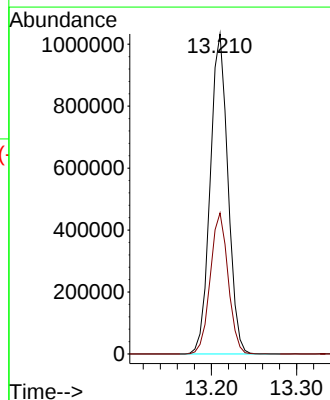
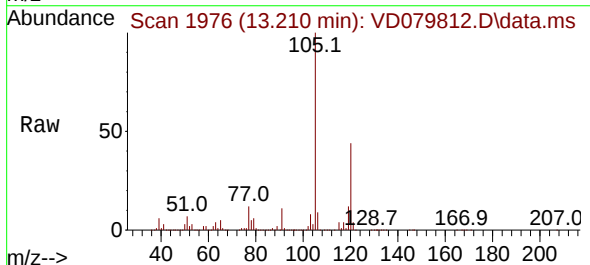
Acq: 10 Sep 2024 13:24

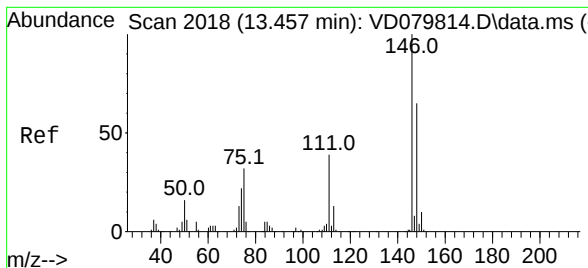
Tgt Ion:105 Resp: 1493599

Ion Ratio Lower Upper

105 100

120 44.3 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 106.393 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :

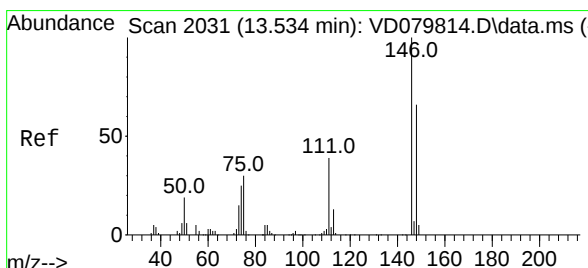
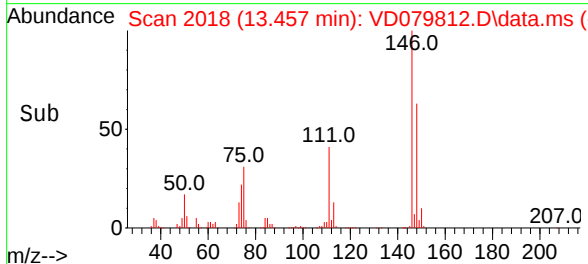
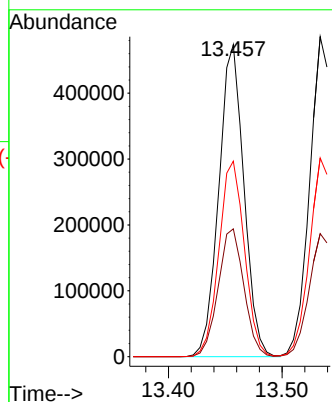
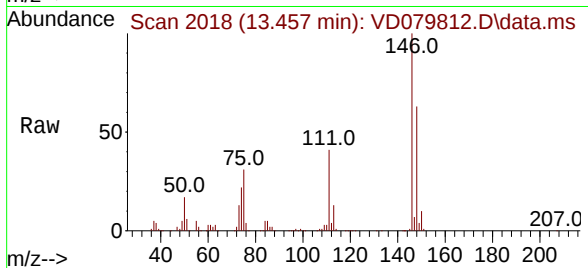
Tgt Ion:146 Resp: 728345

Ion Ratio Lower Upper

146 100

111 41.0 27.4 50.8

148 62.6 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 103.017 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

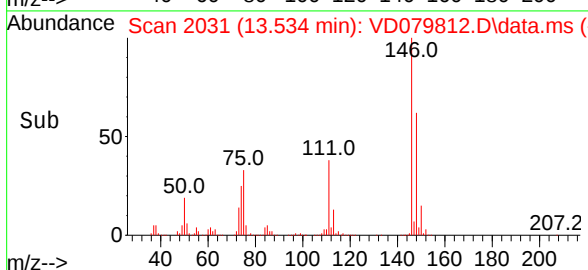
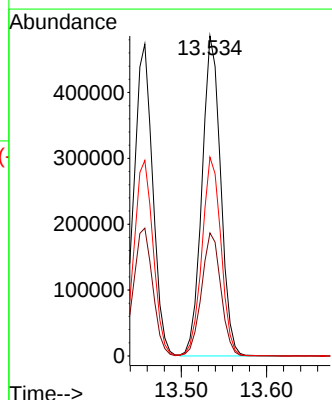
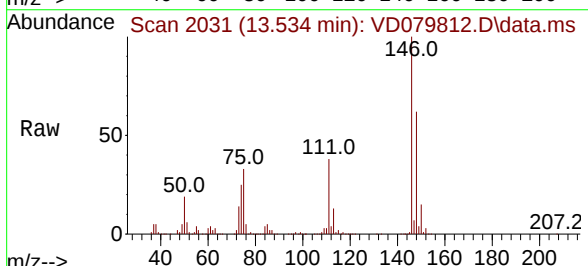
Tgt Ion:146 Resp: 739714

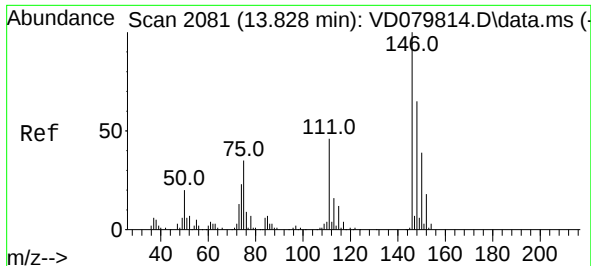
Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.4

148 62.1 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 110.531 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

Instrument :

MSVOA_D

ClientSampleId :

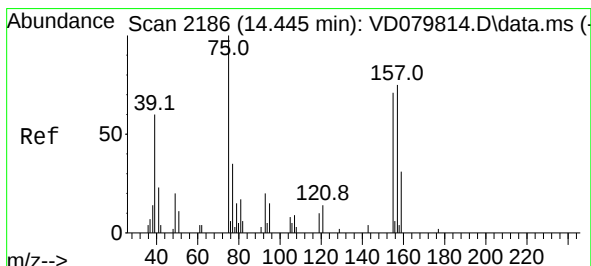
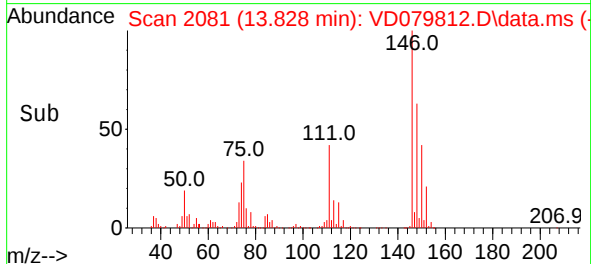
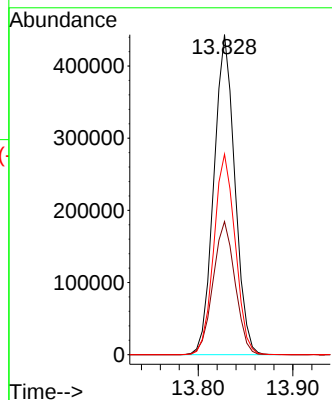
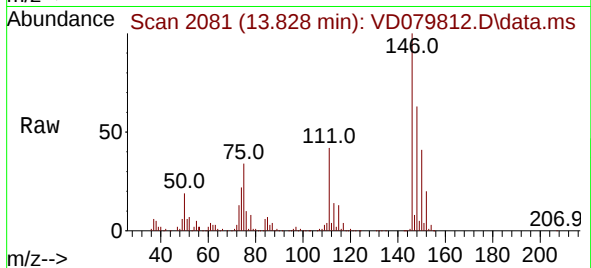
Tgt Ion:146 Resp: 683911

Ion Ratio Lower Upper

146 100

111 41.6 36.9 55.3

148 62.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 102.008 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079812.D

Acq: 10 Sep 2024 13:24

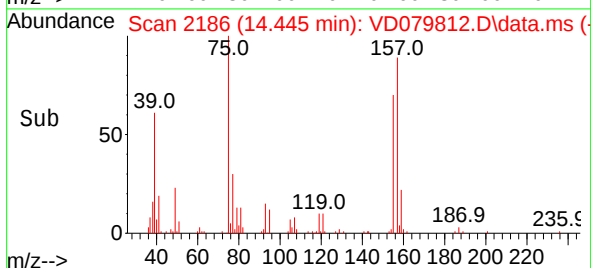
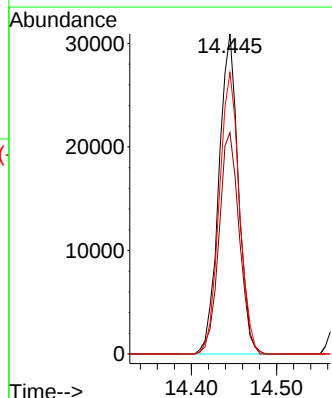
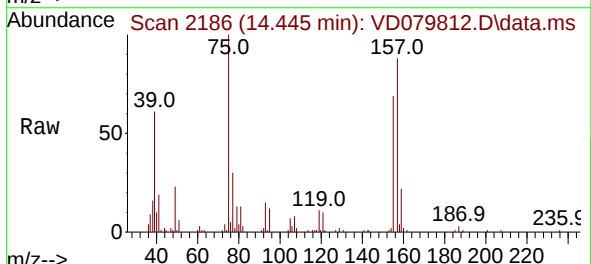
Tgt Ion: 75 Resp: 49225

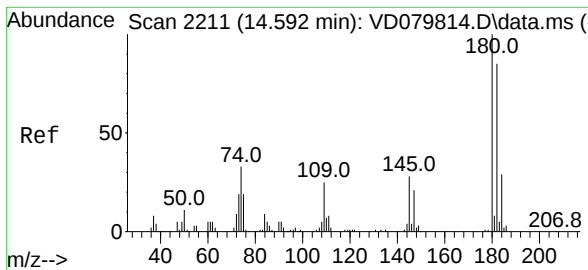
Ion Ratio Lower Upper

75 100

155 69.2 57.2 85.8

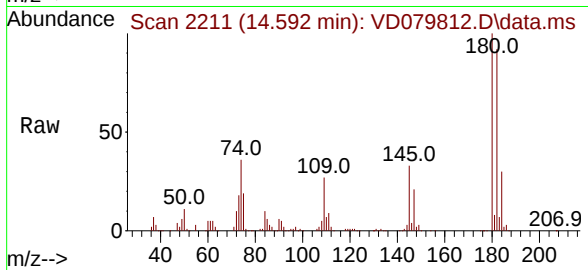
157 88.0 59.7 89.5



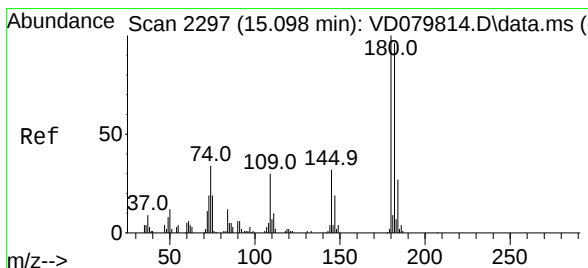
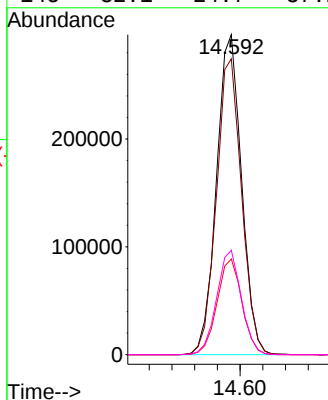
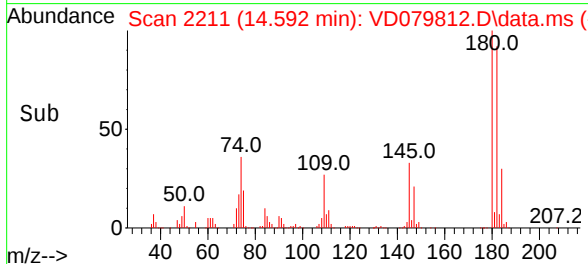


#69
 1,3,5-Trichlorobenzene
 Concen: 109.451 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD079812.D
 Acq: 10 Sep 2024 13:24

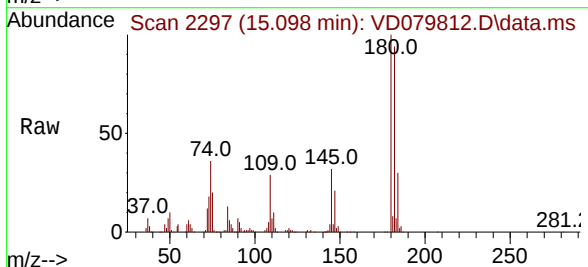
Instrument :
 MSVOA_D
 ClientSampleId :



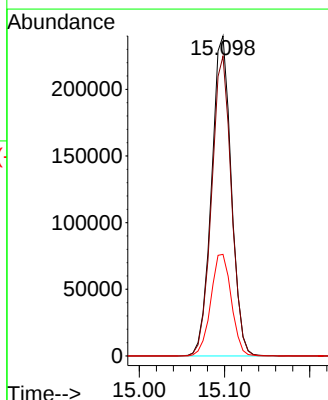
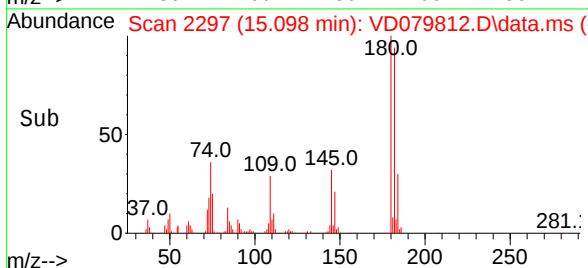
Tgt Ion:180 Resp: 454323
 Ion Ratio Lower Upper
 180 100
 182 93.0 72.6 109.0
 184 29.7 24.2 36.2
 145 32.1 24.7 37.1

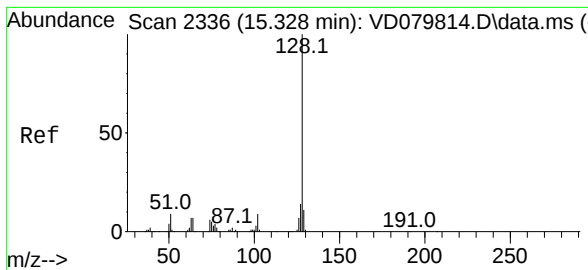


#70
 1,2,4-trichlorobenzene
 Concen: 110.526 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079812.D
 Acq: 10 Sep 2024 13:24



Tgt Ion:180 Resp: 386278
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.9 113.9
 145 33.1 26.6 40.0

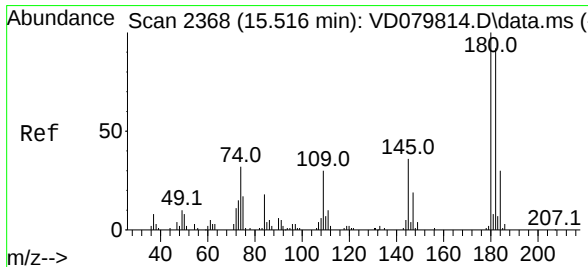
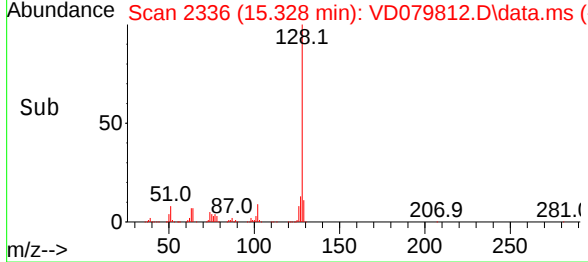
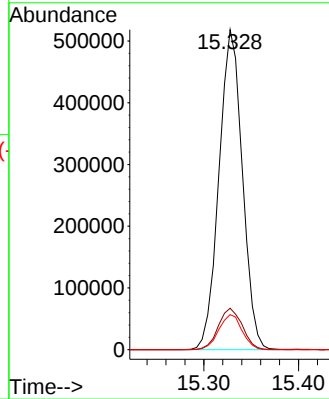
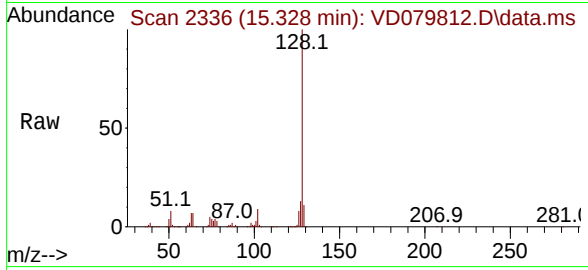




#71
Naphthalene
Concen: 114.107 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 890710
Ion Ratio Lower Upper
128 100
127 13.3 11.2 16.8
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 110.131 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079812.D
Acq: 10 Sep 2024 13:24

Tgt Ion:180 Resp: 344288
Ion Ratio Lower Upper
180 100
182 94.3 74.1 111.1
145 34.8 26.4 39.6

