

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078960.D
 Acq On : 17 May 2024 11:28
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:33:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	154453	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	164758	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	383018	101.158	ug/L	0.00
7) Chloroethane-d5	2.793	69	391249	96.531	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	71273	97.820	ug/L	0.00
21) 2-Butanone-d5	6.987	46	110467	206.123	ug/L	0.00
24) Chloroform-d	7.569	84	438869	95.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	208210	95.352	ug/L	0.00
32) Benzene-d6	8.205	84	830978	98.847	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	240246	93.791	ug/L	0.00
41) Toluene-d8	10.269	98	782826	101.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	112822	95.617	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	111228	216.663	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	271345	93.122	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	331852	100.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	291496	94.326	ug/L	99
3) Chloromethane	2.146	50	343280	90.531	ug/L	92
5) Vinyl chloride	2.281	62	647953	104.438	ug/L	97
6) Bromomethane	2.687	94	465617	104.946	ug/L	96
8) Chloroethane	2.834	64	469365	97.959	ug/L	96
9) Trichlorofluoromethane	3.170	101	466504	96.413	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	304993	100.429	ug/L	96
12) 1,1-Dichloroethene	3.940	96	270538	101.302	ug/L	88
13) Acetone	4.023	43	120638	182.203	ug/L	96
14) Carbon disulfide	4.270	76	667477	86.249	ug/L #	94
15) Methyl Acetate	4.558	43	103365	94.595	ug/L	95
16) Methylene chloride	4.799	84	308242	84.249	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	298518	109.779	ug/L	97
18) Methyl tert-butyl Ether	5.317	73	710344	122.523	ug/L #	94
19) 1,1-Dichloroethane	6.111	63	488766	107.014	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	360061	116.087	ug/L	96
22) 2-Butanone	7.075	43	165943	222.948	ug/L	94
23) Bromochloromethane	7.428	128	168885	108.972	ug/L #	92
25) Chloroform	7.593	83	583210	106.236	ug/L	93
27) 1,2-Dichloroethane	8.328	62	336174	105.727	ug/L	98
29) Cyclohexane	7.875	56	366160	115.634	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	484893	106.375	ug/L	98
31) Carbon tetrachloride	7.993	117	438404	104.452	ug/L	99
33) Benzene	8.252	78	1253616	111.003	ug/L	100
34) Trichloroethene	9.028	95	315774	108.531	ug/L	96
35) Methylcyclohexane	9.275	83	509825	116.552	ug/L	97
37) 1,2-Dichloropropane	9.305	63	307817	107.551	ug/L	99
38) Bromodichloromethane	9.581	83	439243	108.530	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	531214	118.316	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	330419	228.557	ug/L	98
42) Toluene	10.334	91	1468863	118.300	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	468594	118.055	ug/L	99

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 Response via : Initial Calibration

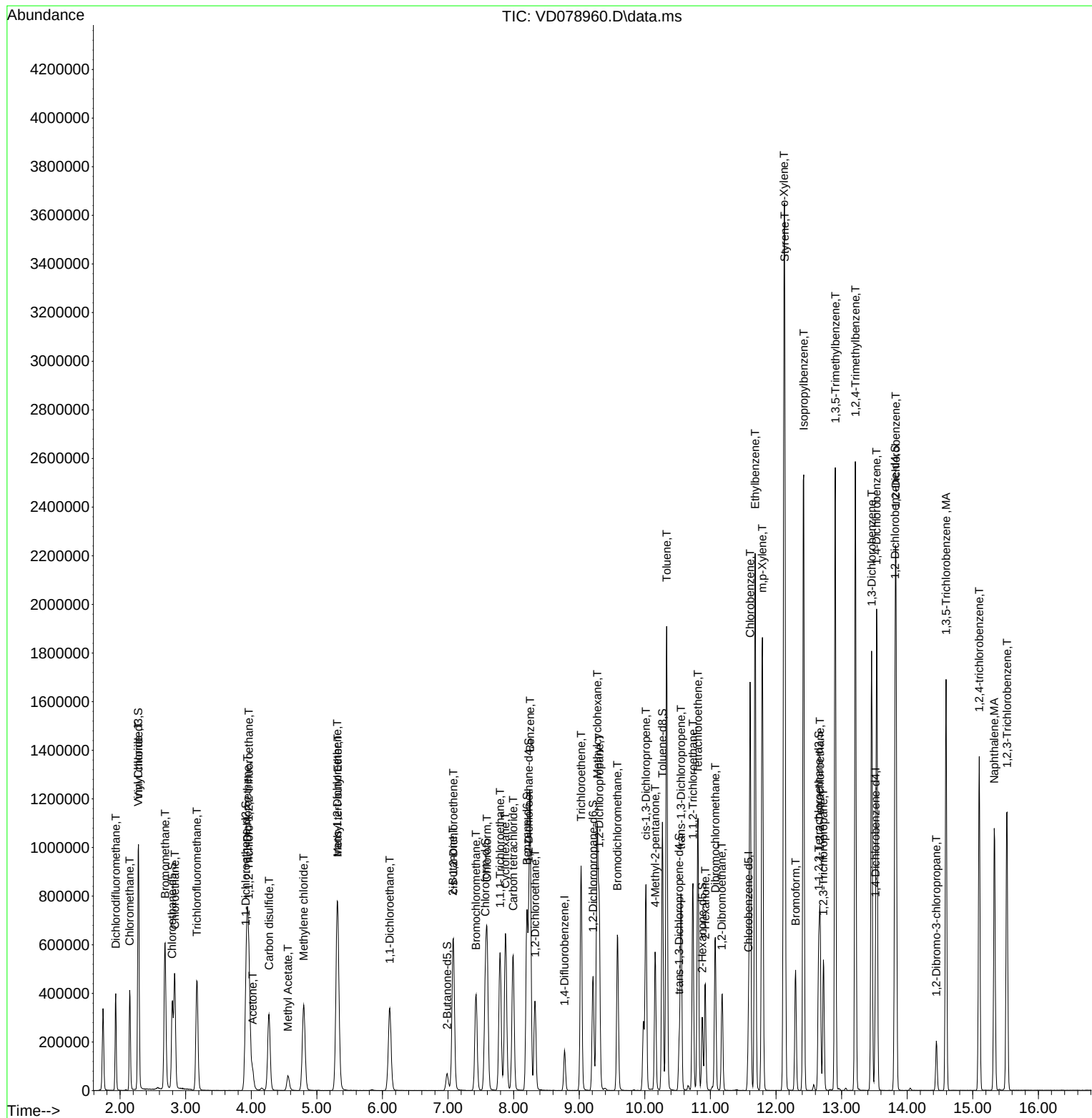
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	286253	109.377	ug/L	90
46) Tetrachloroethene	10.810	164	270747	108.155	ug/L	97
48) 2-Hexanone	10.922	43	255565	228.041	ug/L	99
49) Dibromochloromethane	11.075	129	347089	109.086	ug/L	99
50) 1,2-Dibromoethane	11.175	107	271798	109.942	ug/L	96
51) Chlorobenzene	11.604	112	983519	112.120	ug/L	100
52) Ethylbenzene	11.681	91	1634574	121.976	ug/L	96
53) m,p-Xylene	11.793	106	651738	121.570	ug/L	99
54) o-Xylene	12.122	106	687210	131.612	ug/L	98
55) Styrene	12.134	104	1225489	132.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	342513	107.904	ug/L	95
59) Bromoform	12.299	173	228238	103.750	ug/L	97
60) Isopropylbenzene	12.422	105	1744213	121.377	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	219007	98.296	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1399282	131.734	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	1378682	127.733	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	798955	114.478	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	824041	109.517	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	760240	115.093	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	47164	101.620	ug/L	89
69) 1,3,5-Trichlorobenzene	14.593	180	535904	118.231	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	459755	119.815	ug/L	99
71) Naphthalene	15.328	128	982077	125.441	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	422849	117.896	ug/L	98

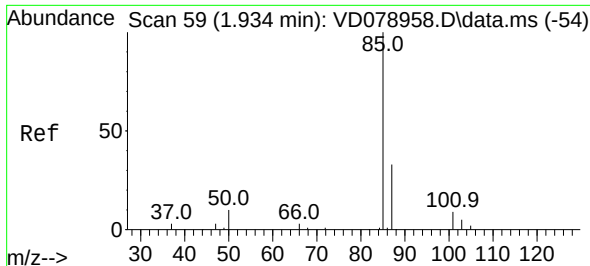
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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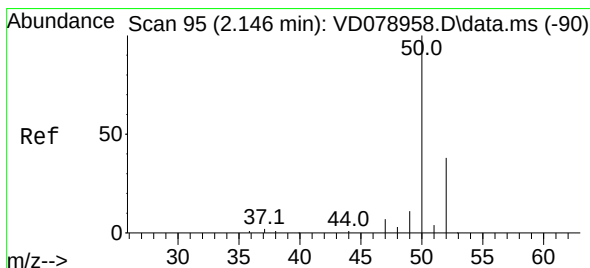
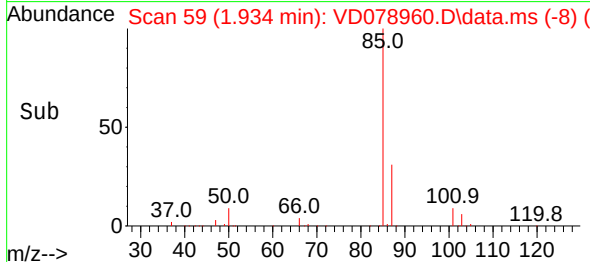
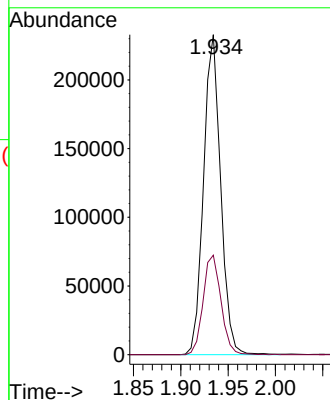
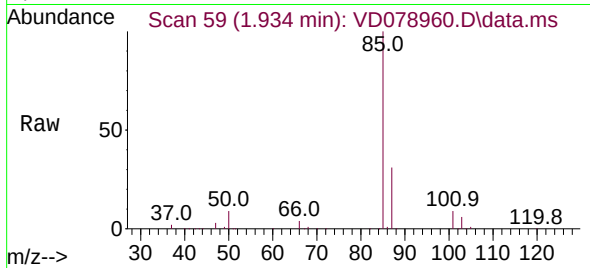




#2
 Dichlorodifluoromethane
 Concen: 94.326 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078960.D
 Acq: 17 May 2024 11:28

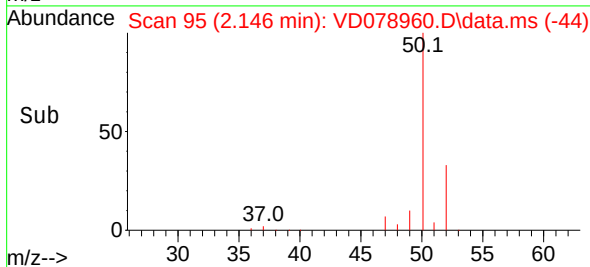
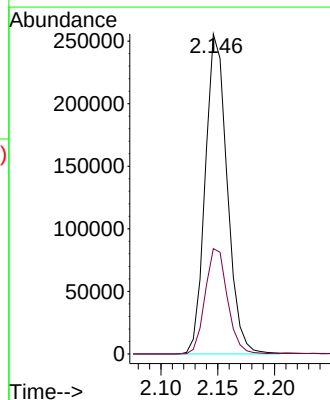
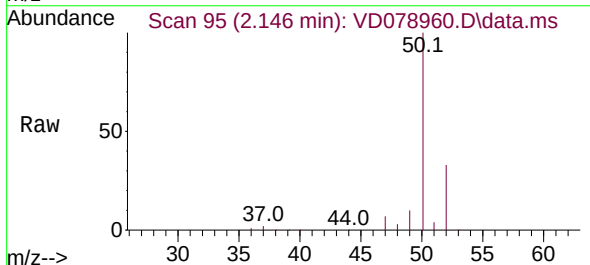
Instrument :
 MSVOA_D
 ClientSampleId :

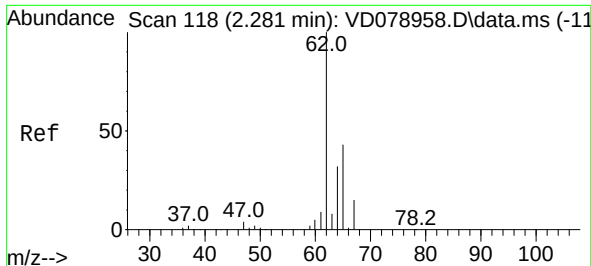
Tgt Ion: 85 Resp: 291496
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.3 39.5



#3
 Chloromethane
 Concen: 90.531 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD078960.D
 Acq: 17 May 2024 11:28

Tgt Ion: 50 Resp: 343280
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.5 49.3

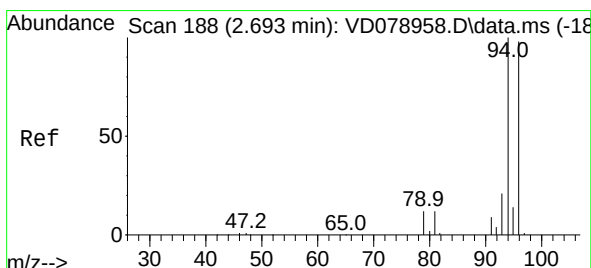
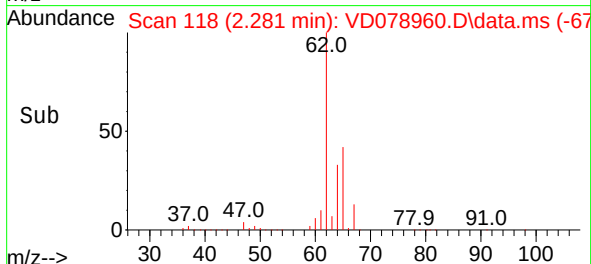
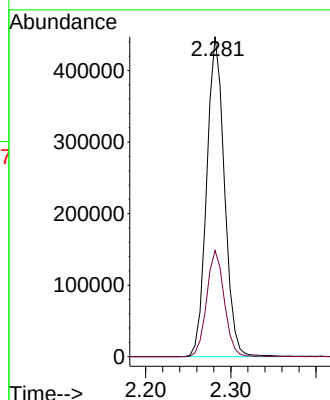
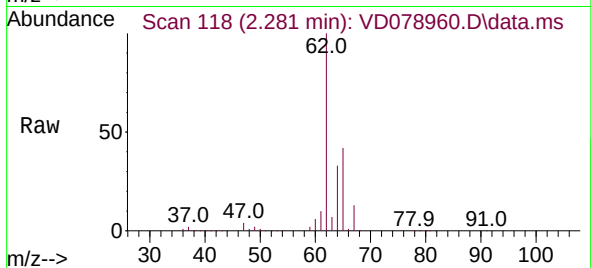




#5
 Vinyl chloride
 Concen: 104.438 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078960.D
 Acq: 17 May 2024 11:28

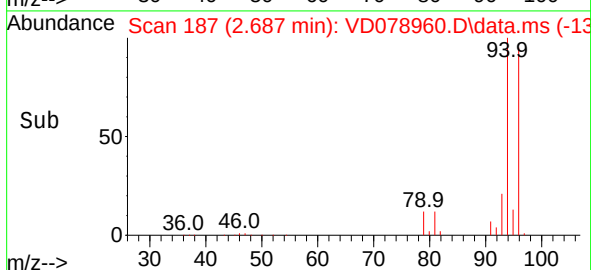
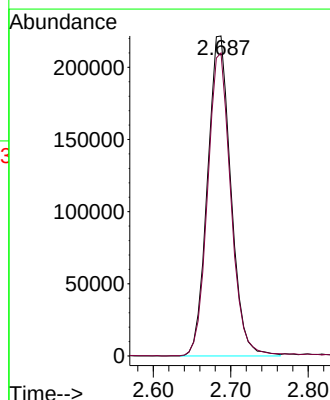
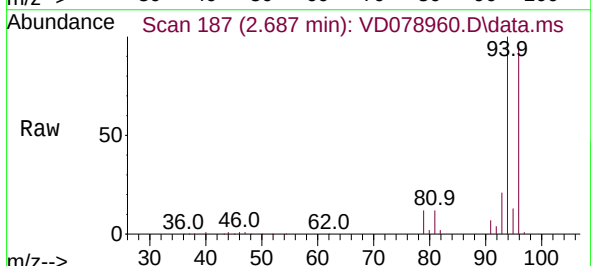
Instrument :
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 ClientSampleId :

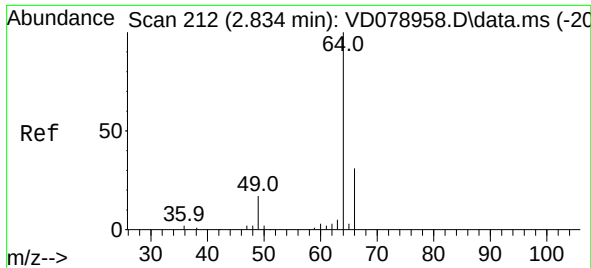
Tgt Ion: 62 Resp: 647953
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.3 41.3



#6
 Bromomethane
 Concen: 104.946 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD078960.D
 Acq: 17 May 2024 11:28

Tgt Ion: 94 Resp: 465617
 Ion Ratio Lower Upper
 94 100
 96 94.7 69.0 128.1

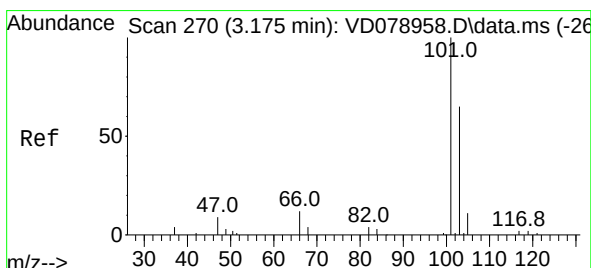
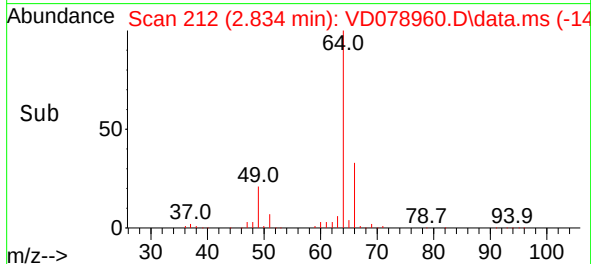
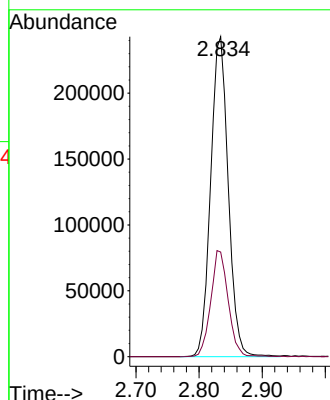
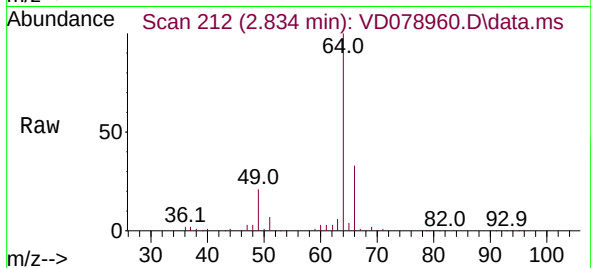




#8
Chloroethane
Concen: 97.959 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

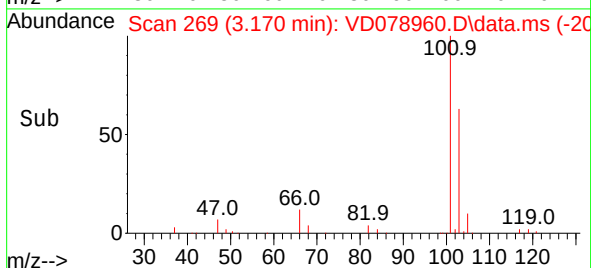
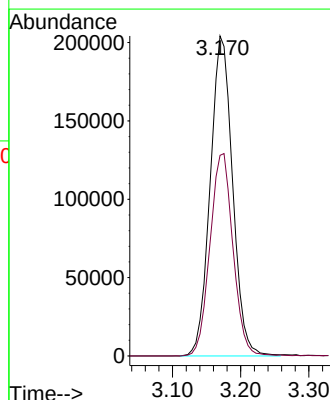
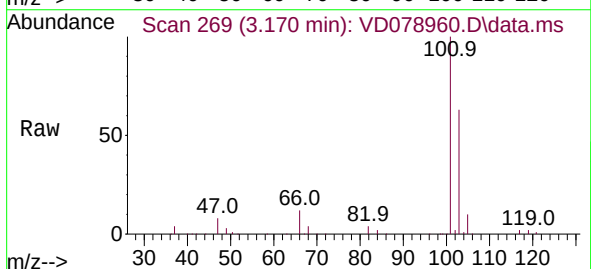
Instrument :
MSVOA_D
ClientSampleId :

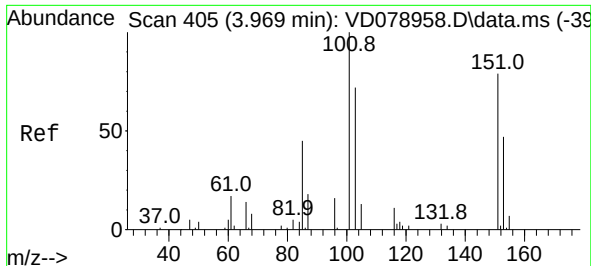
Tgt Ion: 64 Resp: 469365
Ion Ratio Lower Upper
64 100
66 32.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 96.413 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:101 Resp: 466504
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9





#10

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

Concen: 100.429 ug/L

RT: 3.964 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :

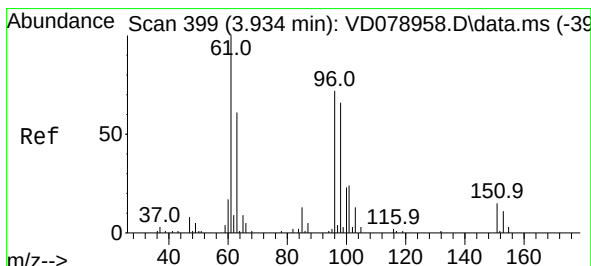
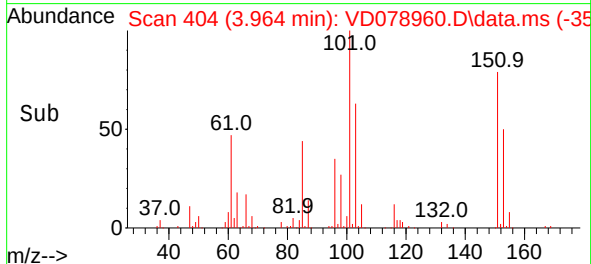
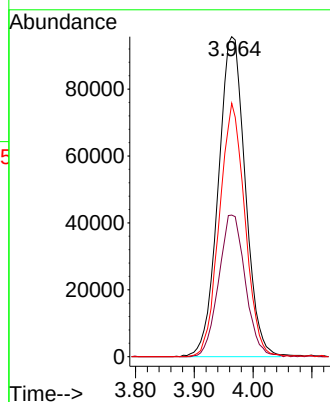
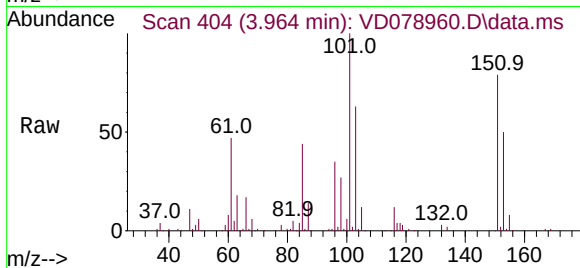
Tgt Ion:101 Resp: 304993

Ion Ratio Lower Upper

101 100

85 43.6 36.2 54.2

151 75.0 62.9 94.3



#12

1,1-Dichloroethene

Concen: 101.302 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

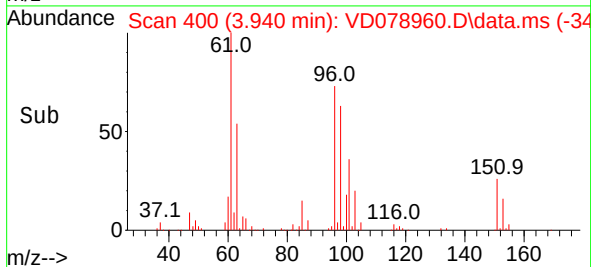
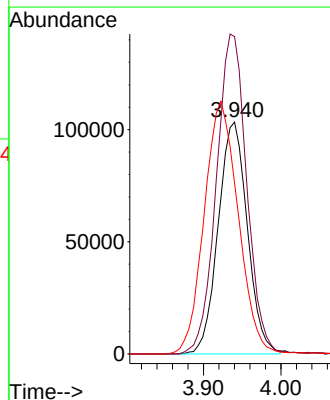
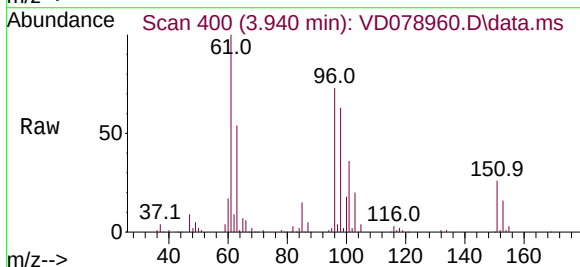
Tgt Ion: 96 Resp: 270538

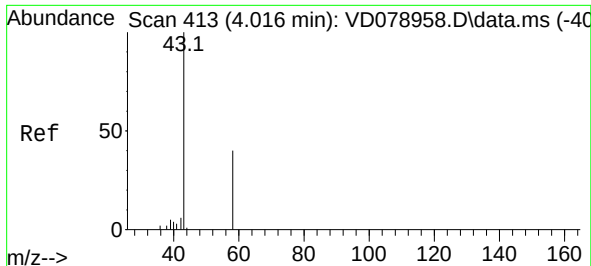
Ion Ratio Lower Upper

96 100

61 136.9 98.6 183.0

63 73.6 68.3 126.8





#13

Acetone

Concen: 182.203 ug/L

RT: 4.023 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

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MSVOA_D

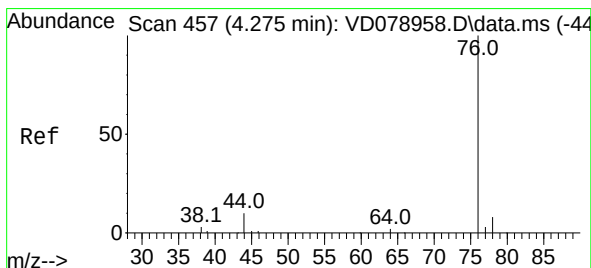
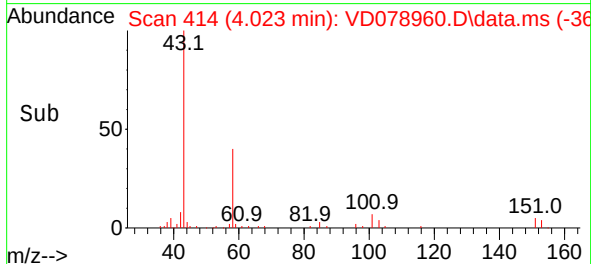
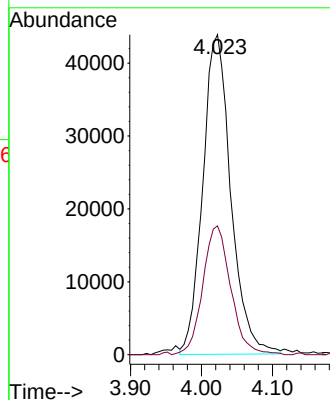
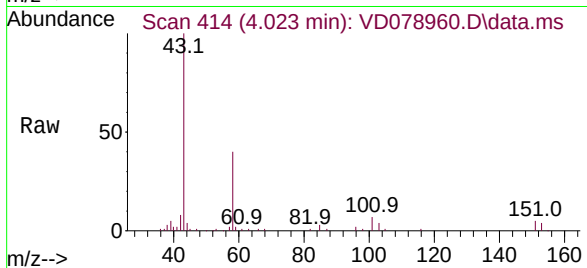
ClientSampleId :

Tgt Ion: 43 Resp: 120638

Ion Ratio Lower Upper

43 100

58 40.1 0.0 75.0



#14

Carbon disulfide

Concen: 86.249 ug/L

RT: 4.270 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078960.D

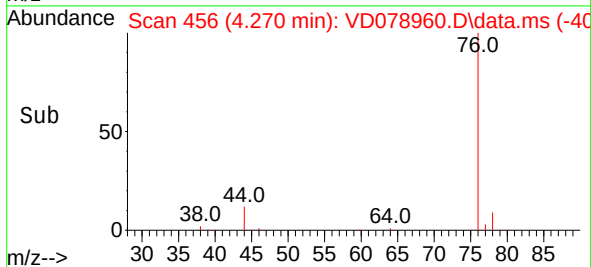
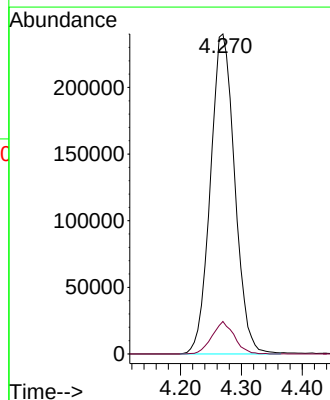
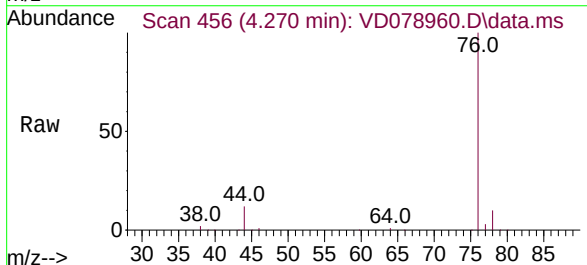
Acq: 17 May 2024 11:28

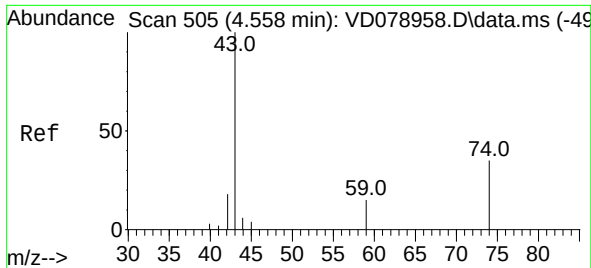
Tgt Ion: 76 Resp: 667477

Ion Ratio Lower Upper

76 100

78 10.2 6.5 9.7#

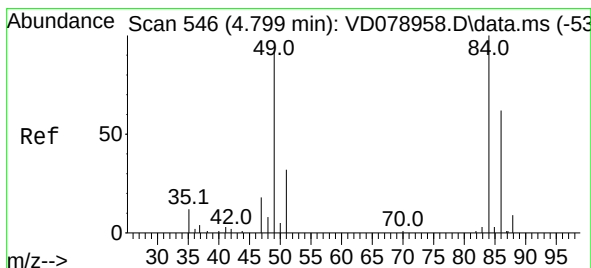
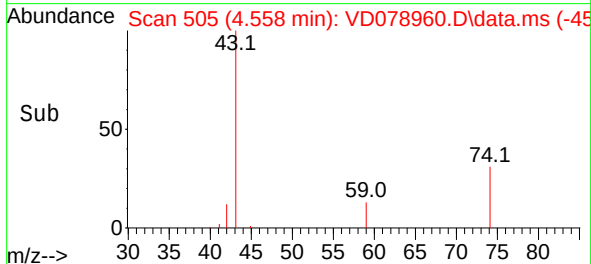
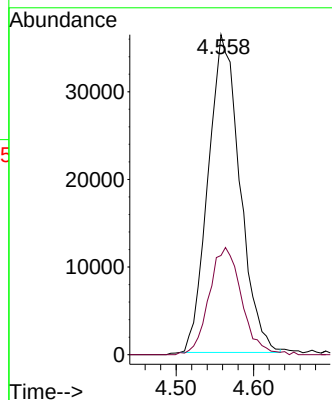
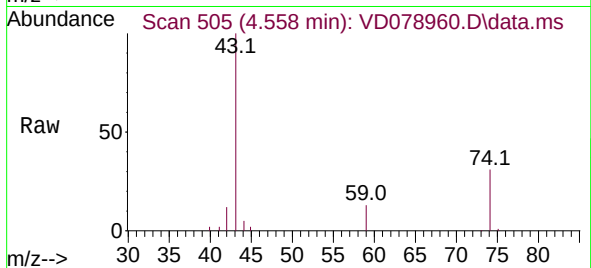




#15
Methyl Acetate
Concen: 94.595 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

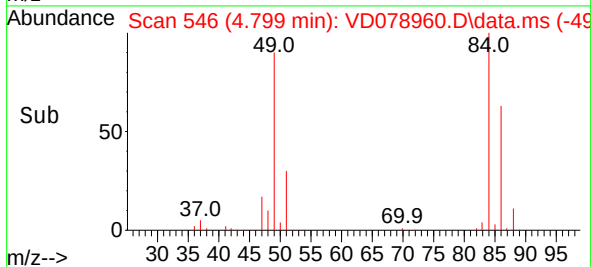
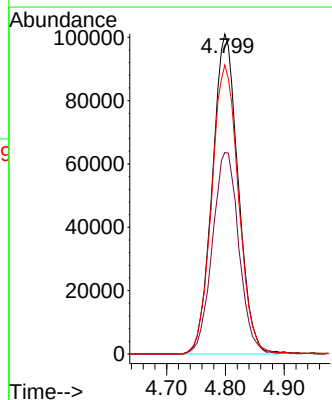
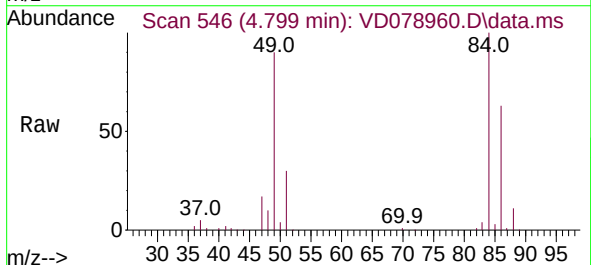
Instrument :
MSVOA_D
ClientSampleId :

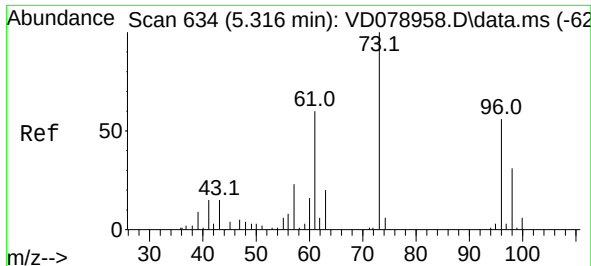
Tgt Ion: 43 Resp: 103365
Ion Ratio Lower Upper
43 100
74 34.3 25.1 37.7



#16
Methylene chloride
Concen: 84.249 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

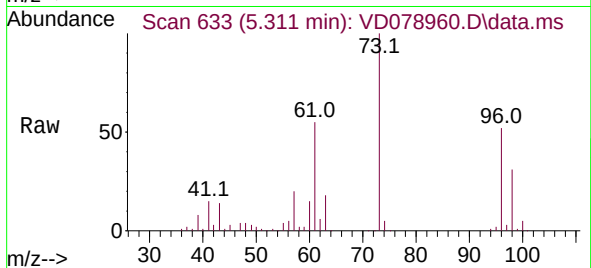
Tgt Ion: 84 Resp: 308242
Ion Ratio Lower Upper
84 100
86 62.9 43.7 81.1
49 90.3 64.0 119.0



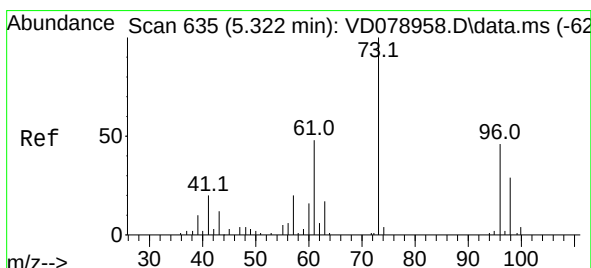
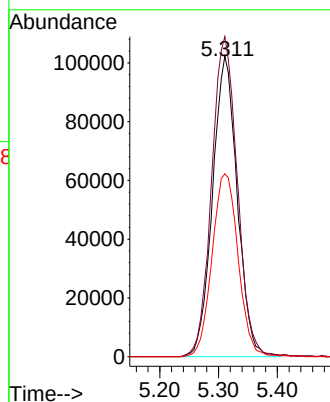
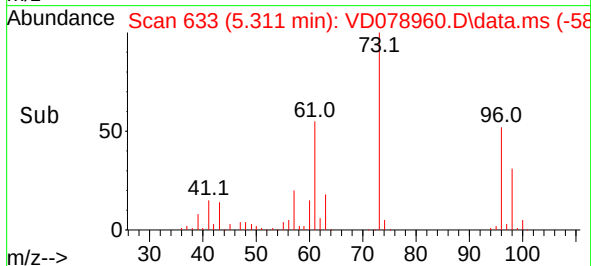


#17
trans-1,2-Dichloroethene
Concen: 109.779 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

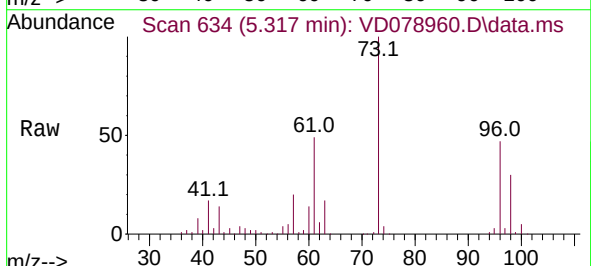
Instrument :
MSVOA_D
ClientSampleId :



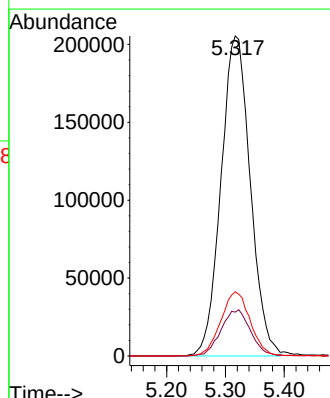
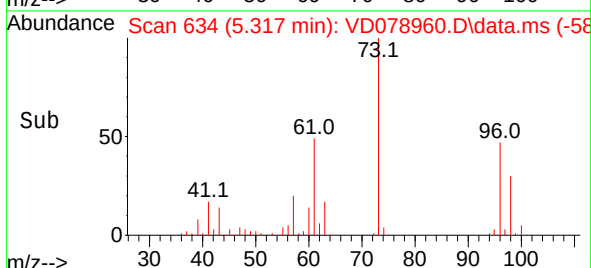
Tgt Ion: 96 Resp: 298518
Ion Ratio Lower Upper
96 100
61 106.5 75.5 140.1
98 60.9 39.1 72.7

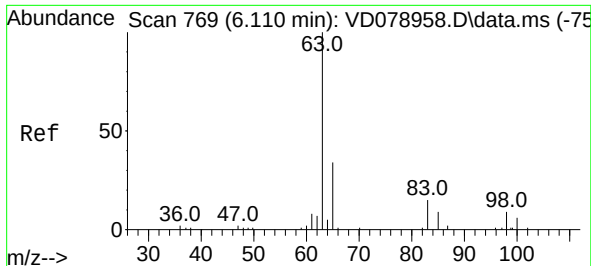


#18
Methyl tert-butyl Ether
Concen: 122.523 ug/L
RT: 5.317 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28



Tgt Ion: 73 Resp: 710344
Ion Ratio Lower Upper
73 100
43 14.5 6.7 10.1#
57 20.1 16.8 25.2





#19

1,1-Dichloroethane

Concen: 107.014 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

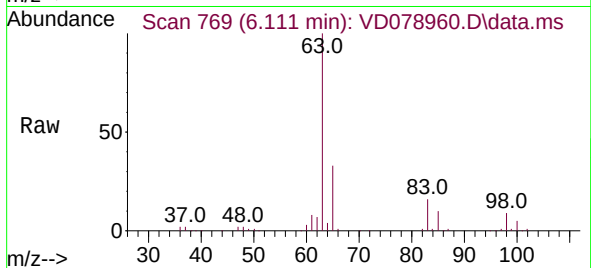
Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :



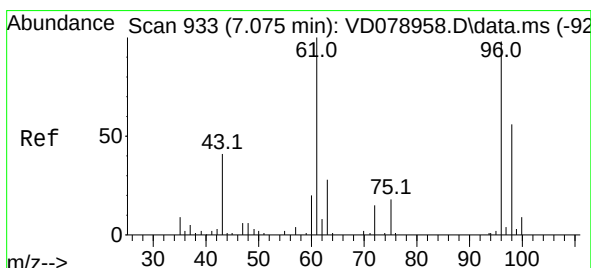
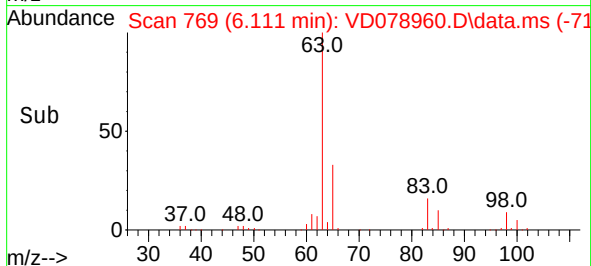
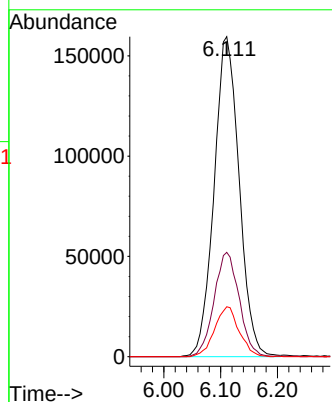
Tgt Ion: 63 Resp: 488766

Ion Ratio Lower Upper

63 100

65 32.6 23.5 43.7

83 15.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 116.087 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

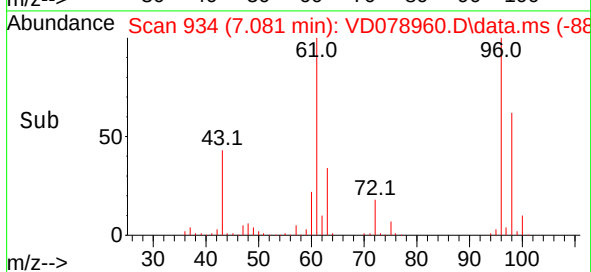
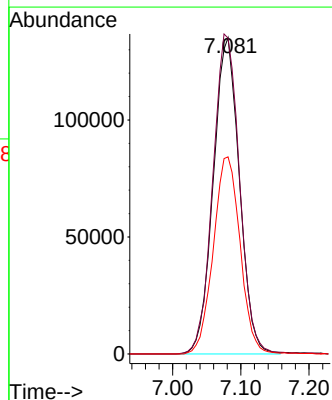
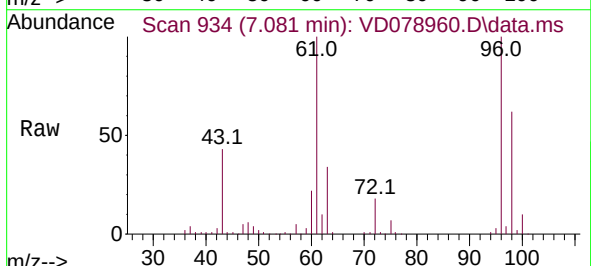
Tgt Ion: 96 Resp: 360061

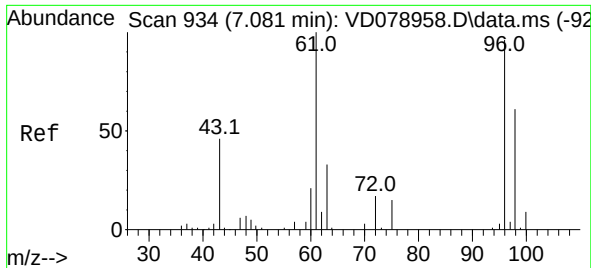
Ion Ratio Lower Upper

96 100

61 99.9 71.6 133.0

98 62.3 40.1 74.5





#22

2-Butanone

Concen: 222.948 ug/L

RT: 7.075 min Scan# 90

Delta R.T. -0.006 min MSVOA_D

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

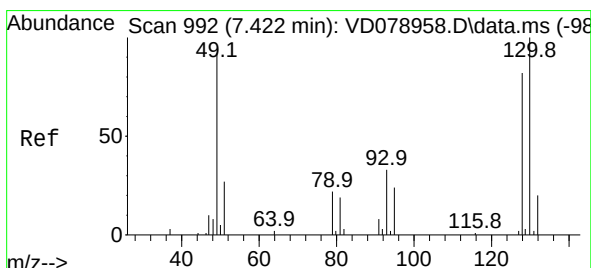
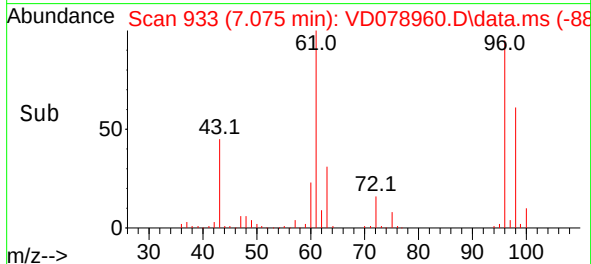
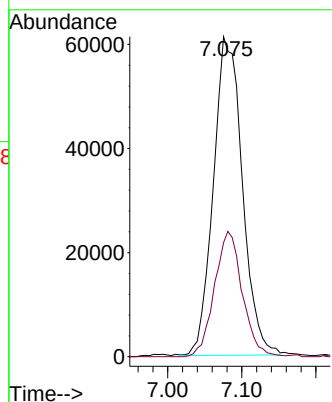
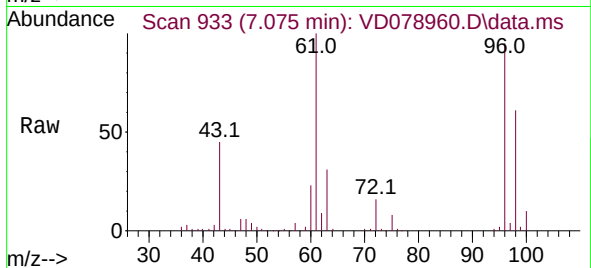
ClientSampleId :

Tgt Ion: 43 Resp: 165943

Ion Ratio Lower Upper

43 100

72 37.8 17.1 51.2



#23

Bromochloromethane

Concen: 108.972 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Tgt Ion:128 Resp: 168885

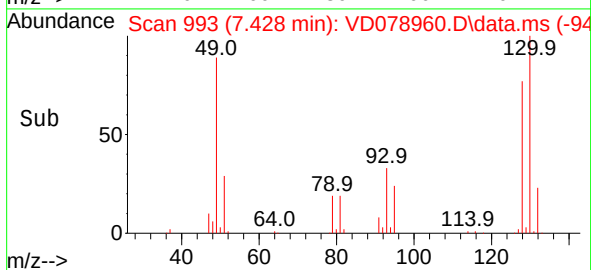
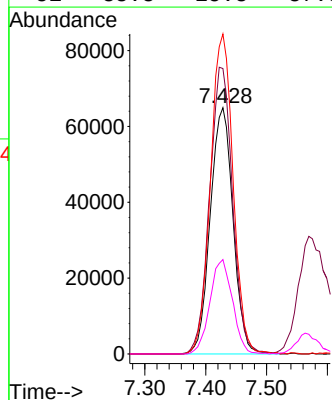
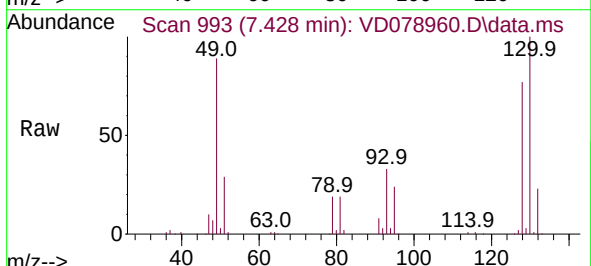
Ion Ratio Lower Upper

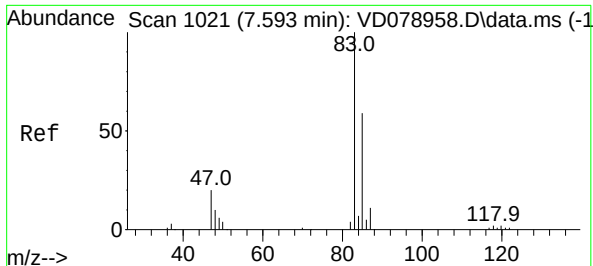
128 100

49 115.9 77.3 143.5

130 129.9 83.4 154.8

51 38.3 25.3 37.9#

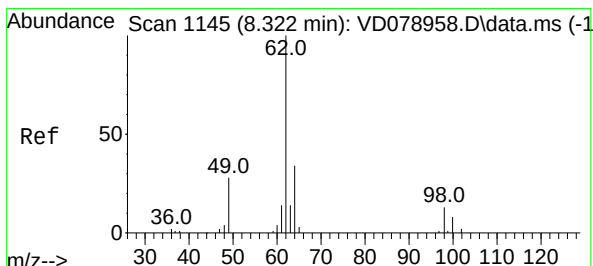
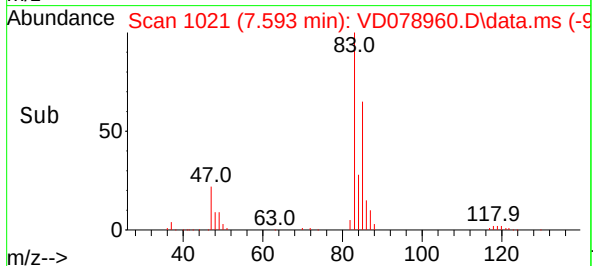
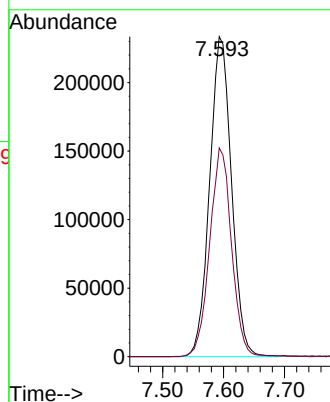
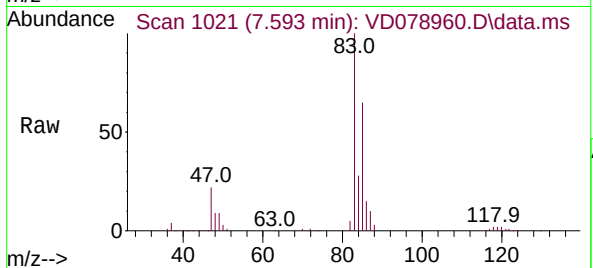




#25
Chloroform
Concen: 106.236 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

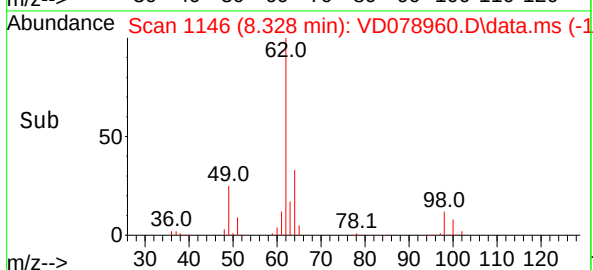
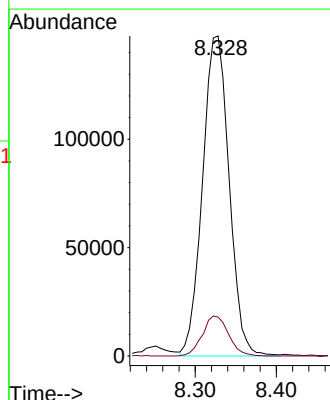
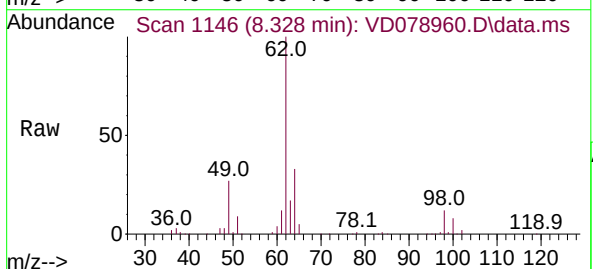
Instrument :
MSVOA_D
ClientSampleId :

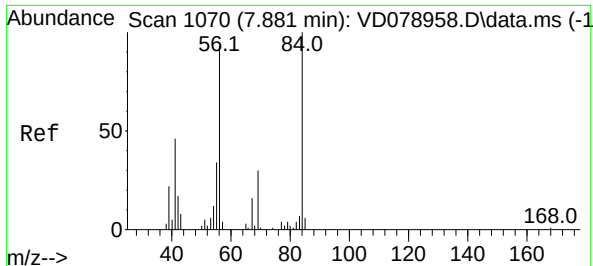
Tgt Ion: 83 Resp: 583210
Ion Ratio Lower Upper
83 100
85 65.2 41.8 77.6



#27
1,2-Dichloroethane
Concen: 105.727 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion: 62 Resp: 336174
Ion Ratio Lower Upper
62 100
98 12.1 10.2 15.4





#29

Cyclohexane

Concen: 115.634 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

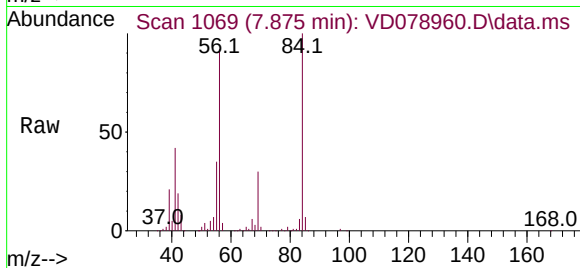
Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :



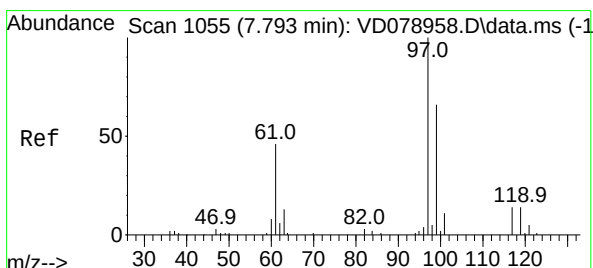
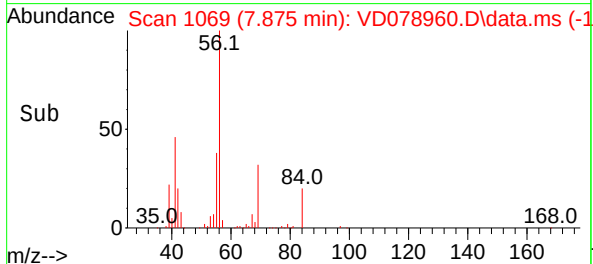
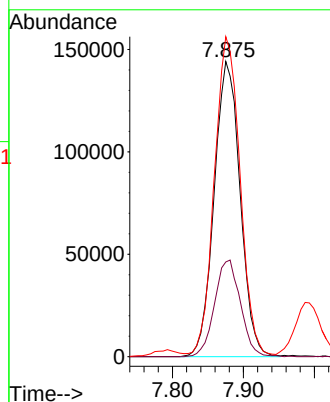
Tgt Ion: 56 Resp: 366160

Ion Ratio Lower Upper

56 100

69 32.5 25.2 37.8

84 107.5 83.4 125.2



#30

1,1,1-Trichloroethane

Concen: 106.375 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

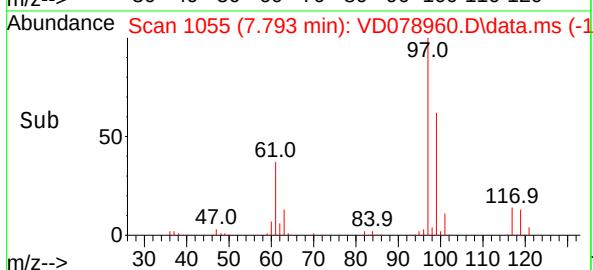
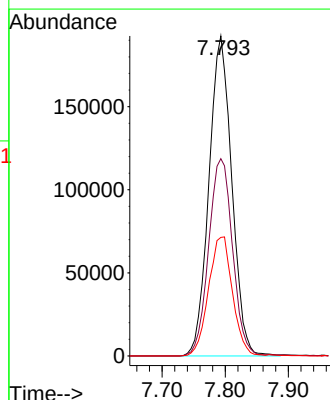
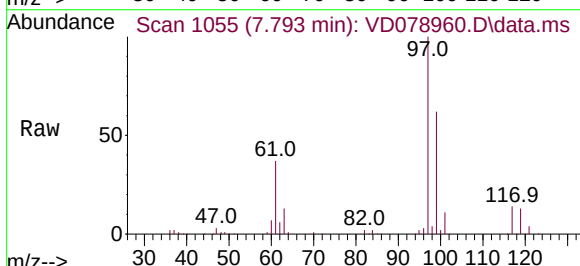
Tgt Ion: 97 Resp: 484893

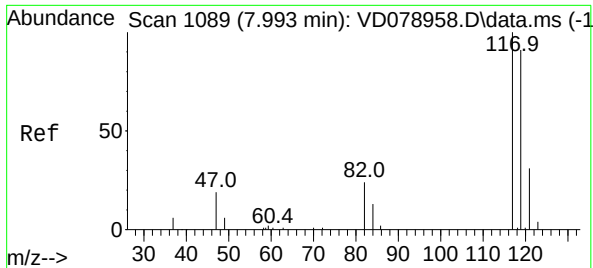
Ion Ratio Lower Upper

97 100

99 64.4 52.6 78.8

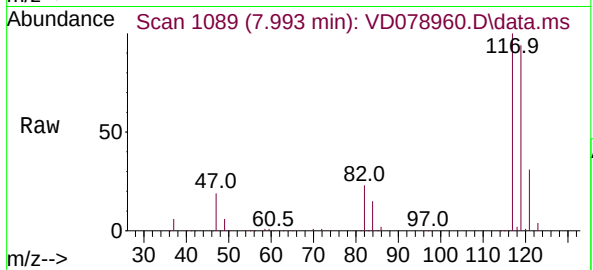
61 39.0 32.6 48.8



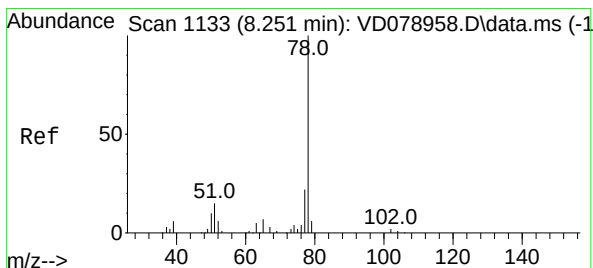
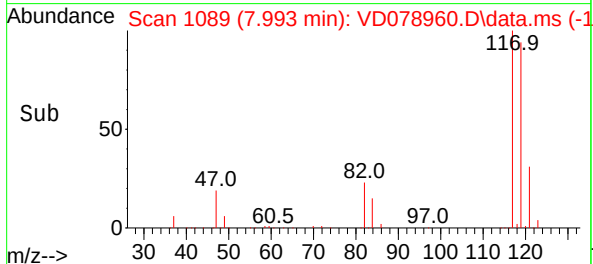
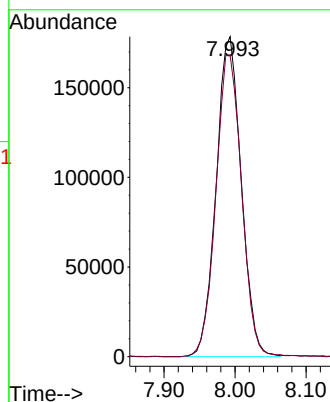


#31
Carbon tetrachloride
Concen: 104.452 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Instrument :
MSVOA_D
ClientSampleId :

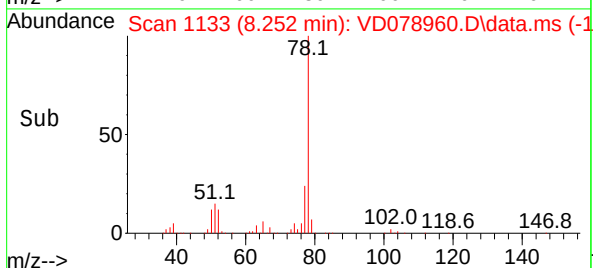
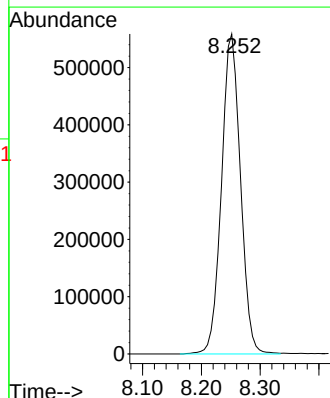
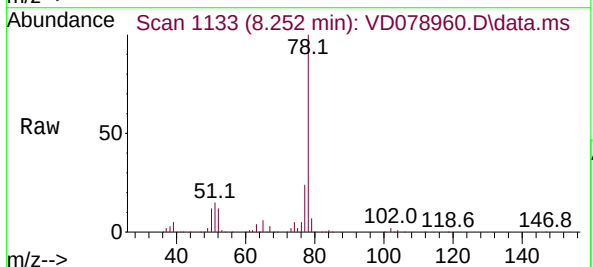


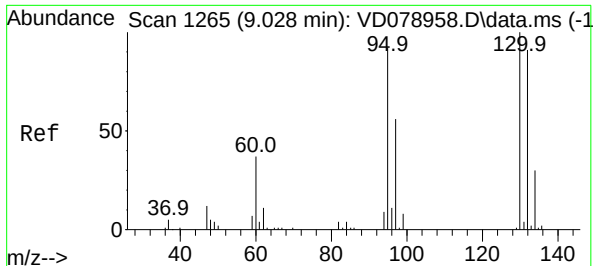
Tgt Ion:117 Resp: 438404
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5



#33
Benzene
Concen: 111.003 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion: 78 Resp: 1253616

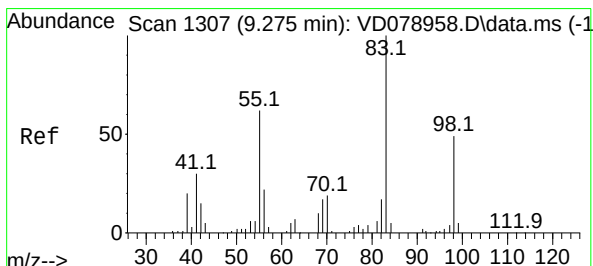
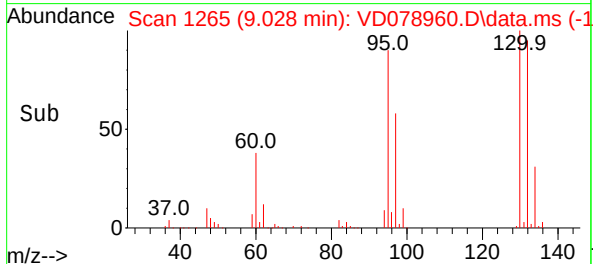
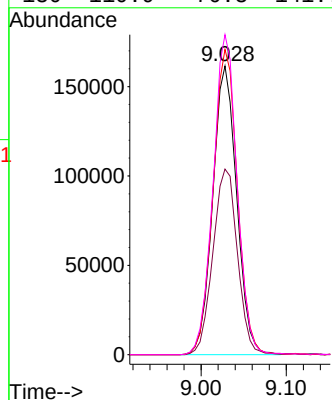
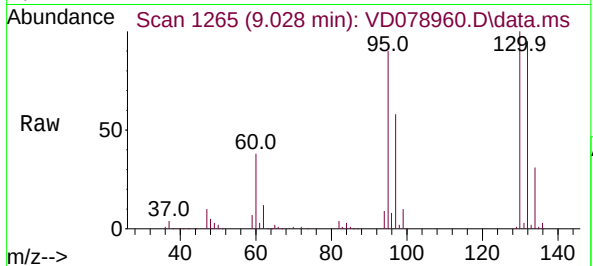




#34
Trichloroethene
Concen: 108.531 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

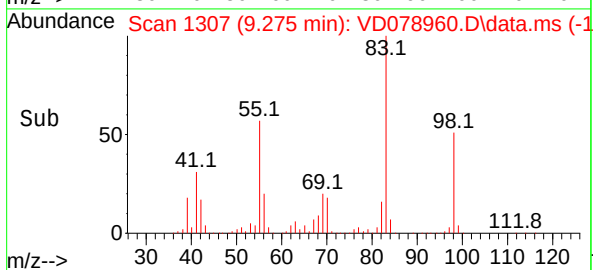
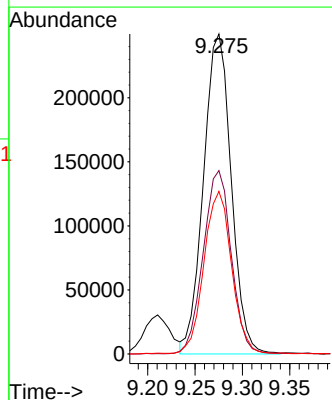
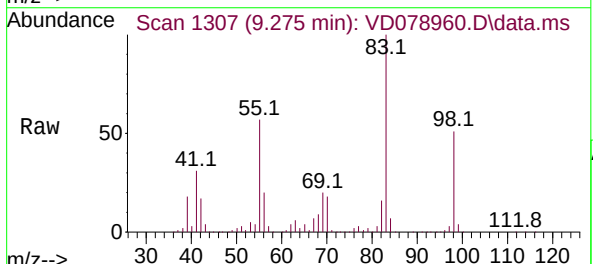
Instrument :
MSVOA_D
ClientSampleId :

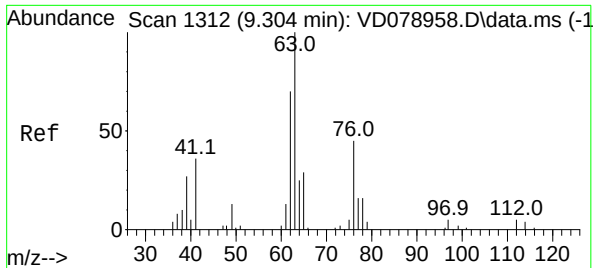
Tgt Ion: 95 Resp: 315774
Ion Ratio Lower Upper
95 100
97 64.3 42.6 79.2
132 105.8 69.5 129.1
130 110.9 76.3 141.7



#35
Methylcyclohexane
Concen: 116.552 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion: 83 Resp: 509825
Ion Ratio Lower Upper
83 100
55 58.1 49.0 73.6
98 50.9 40.1 60.1

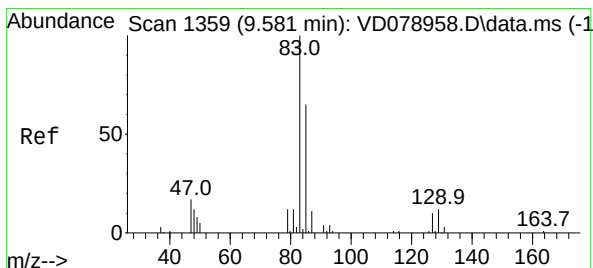
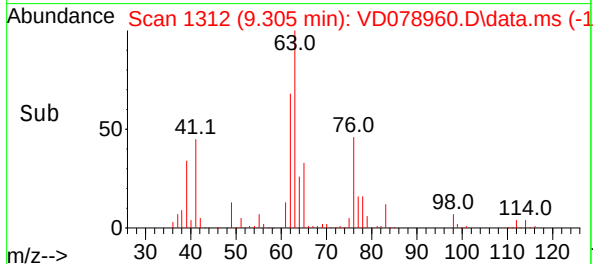
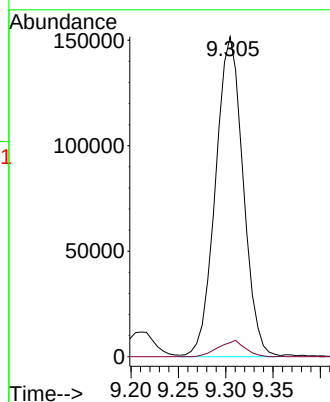
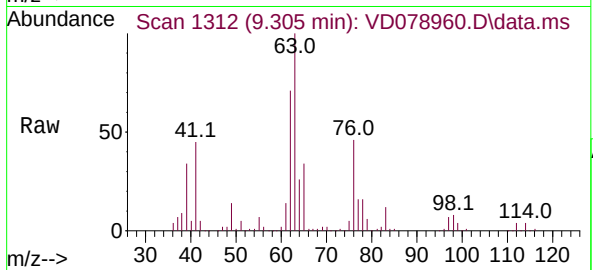




#37
1,2-Dichloropropane
Concen: 107.551 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

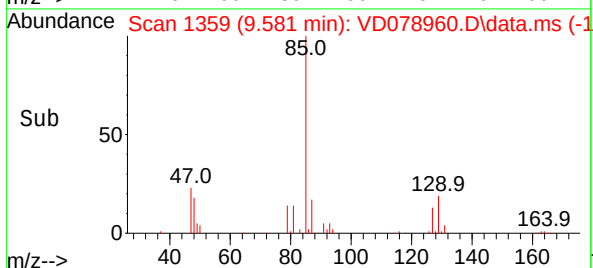
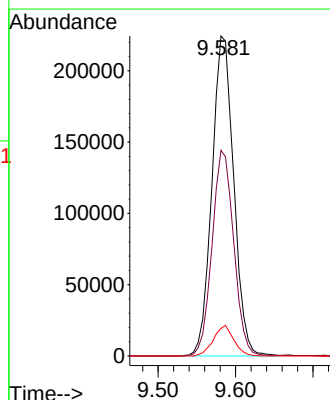
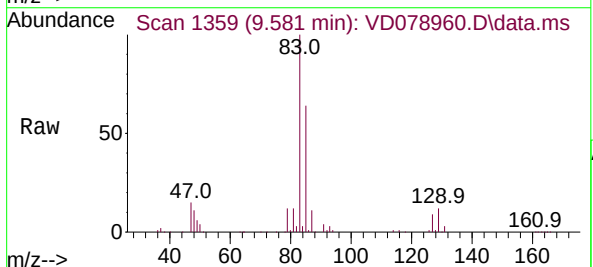
Instrument :
MSVOA_D
ClientSampleId :

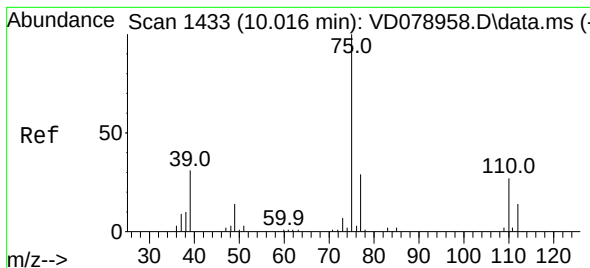
Tgt Ion: 63 Resp: 307817
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1



#38
Bromodichloromethane
Concen: 108.530 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion: 83 Resp: 439243
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.4
127 8.6 7.6 11.4

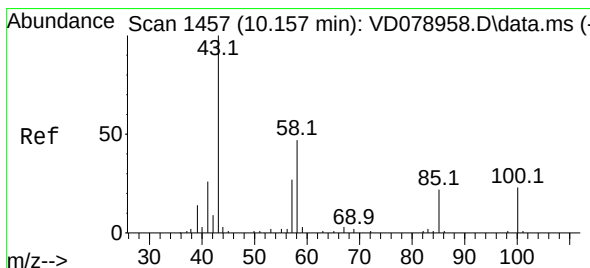
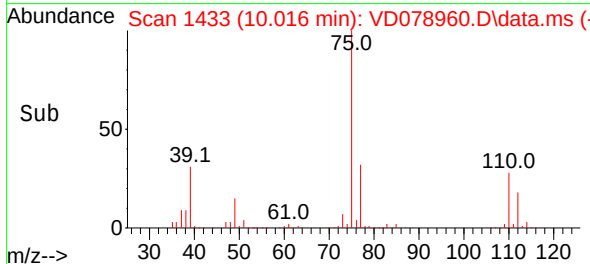
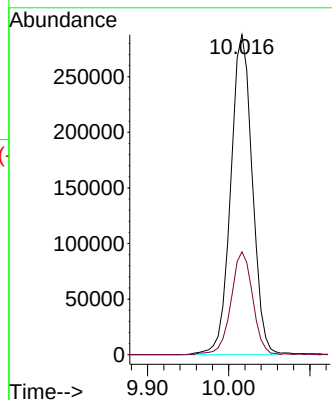
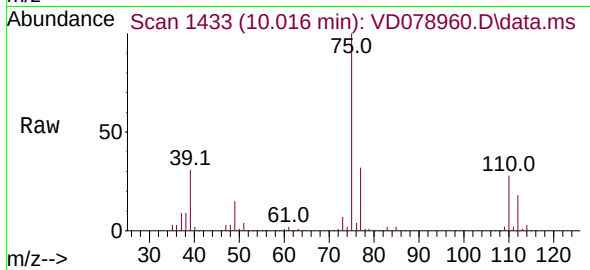




#39
 cis-1,3-Dichloropropene
 Concen: 118.316 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078960.D
 Acq: 17 May 2024 11:28

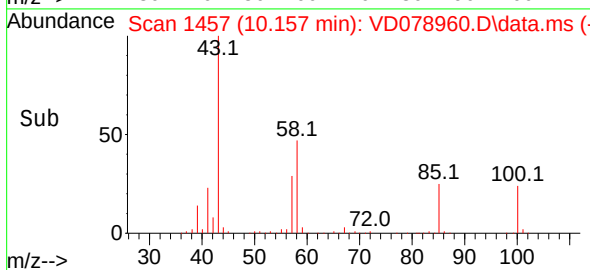
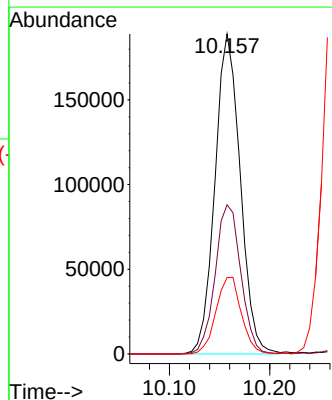
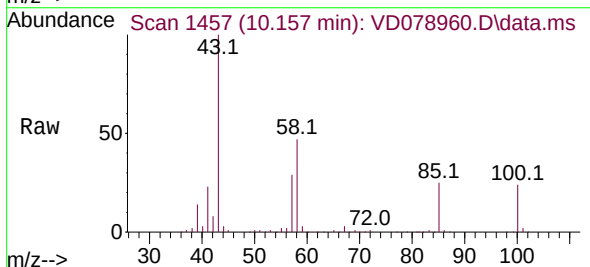
Instrument :
 MSVOA_D
 ClientSampleId :

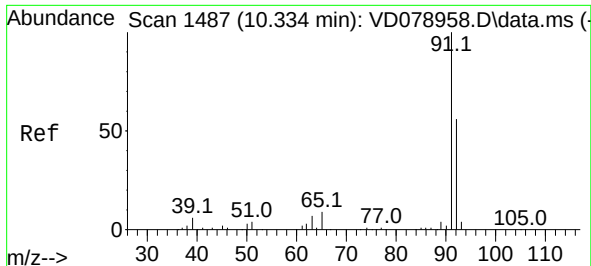
Tgt Ion: 75 Resp: 531214
 Ion Ratio Lower Upper
 75 100
 77 32.2 20.0 37.2



#40
 4-Methyl-2-pentanone
 Concen: 228.557 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD078960.D
 Acq: 17 May 2024 11:28

Tgt Ion: 43 Resp: 330419
 Ion Ratio Lower Upper
 43 100
 58 47.3 38.0 57.0
 100 24.1 17.3 25.9





#42

Toluene

Concen: 118.300 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

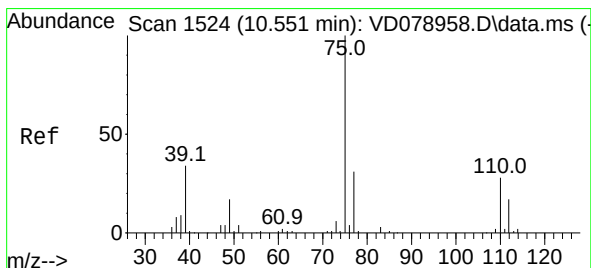
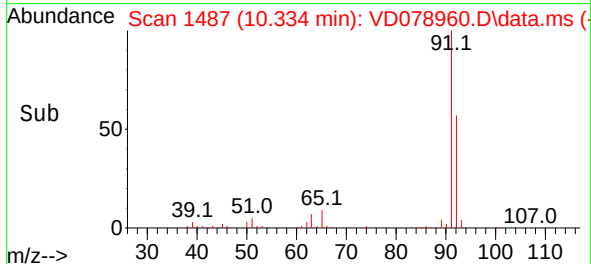
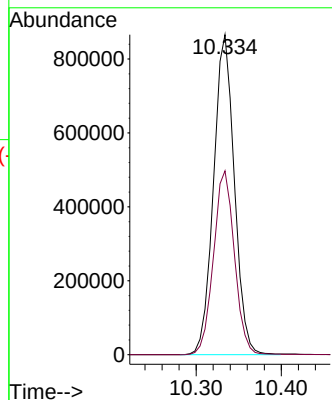
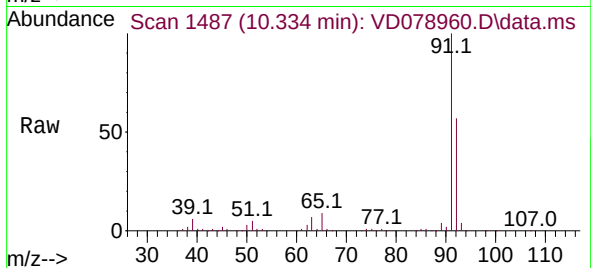
ClientSampleId :

Tgt Ion: 91 Resp: 1468863

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 118.055 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078960.D

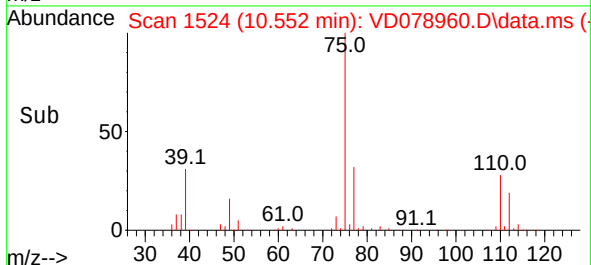
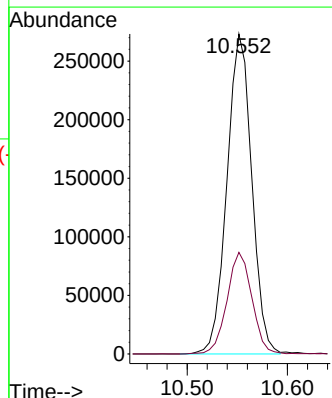
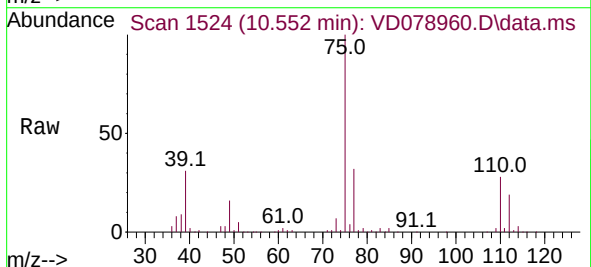
Acq: 17 May 2024 11:28

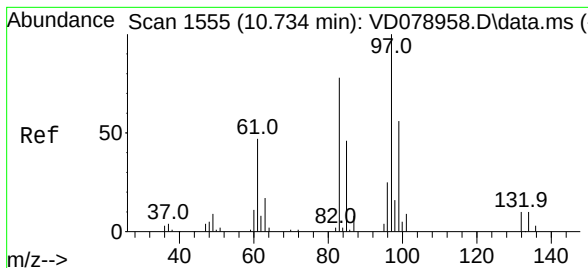
Tgt Ion: 75 Resp: 468594

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 109.377 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 286253

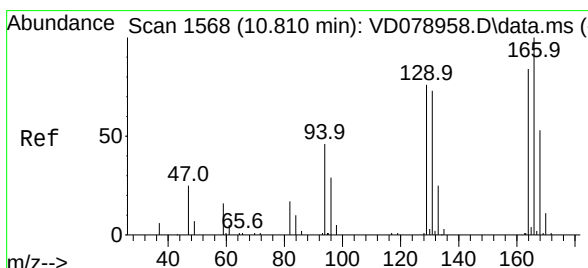
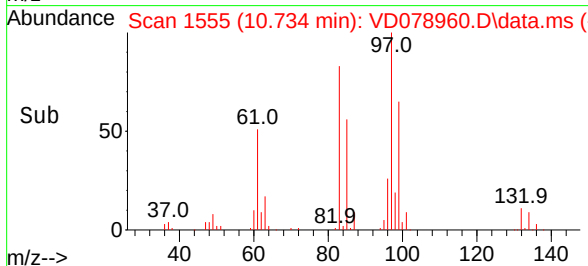
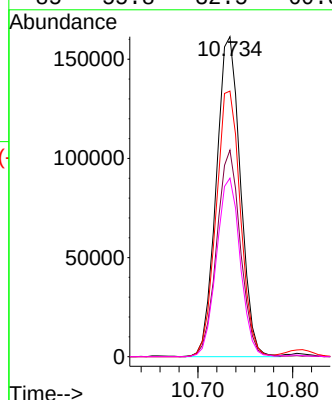
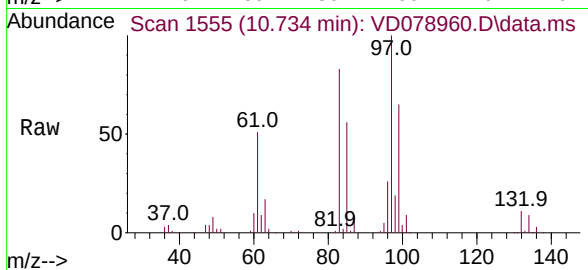
Ion Ratio Lower Upper

97 100

99 64.5 39.1 72.7

83 83.0 54.6 101.4

85 55.8 32.5 60.3



#46

Tetrachloroethene

Concen: 108.155 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Tgt Ion:164 Resp: 270747

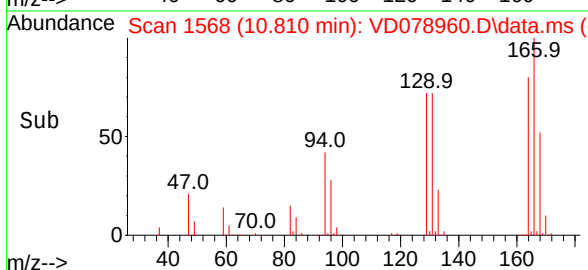
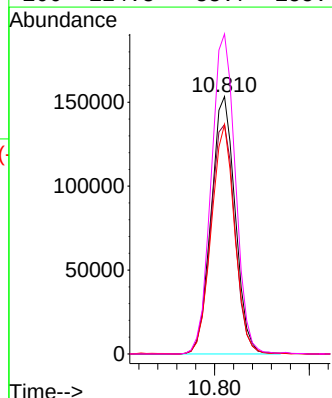
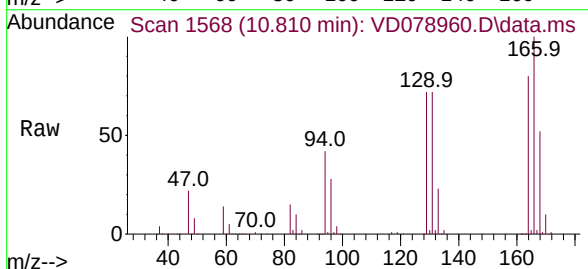
Ion Ratio Lower Upper

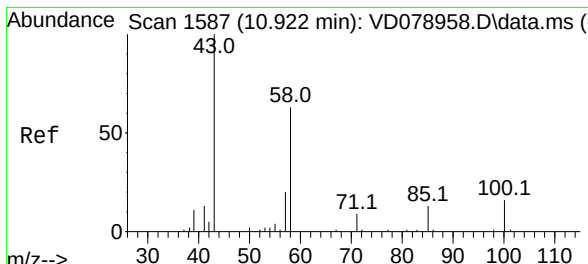
164 100

129 89.1 63.3 117.7

131 89.1 60.8 112.8

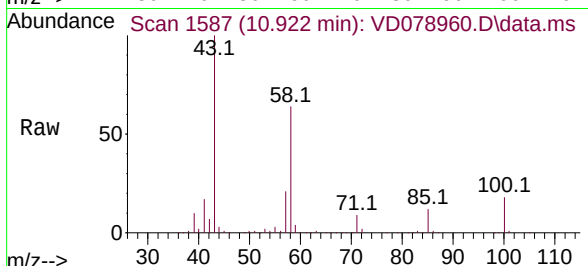
166 124.3 83.7 155.4





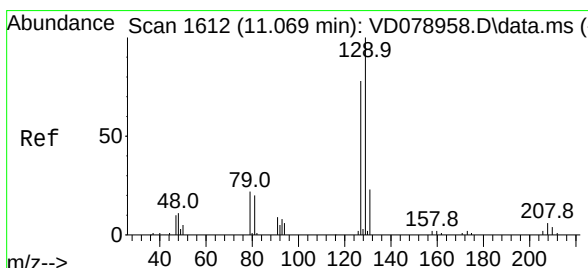
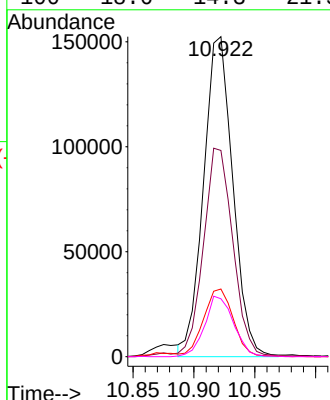
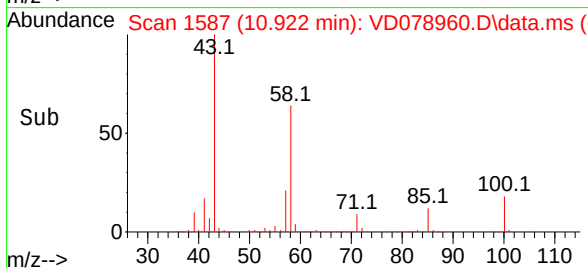
#48
2-Hexanone
Concen: 228.041 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 255565

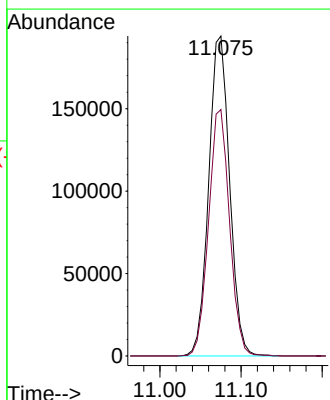
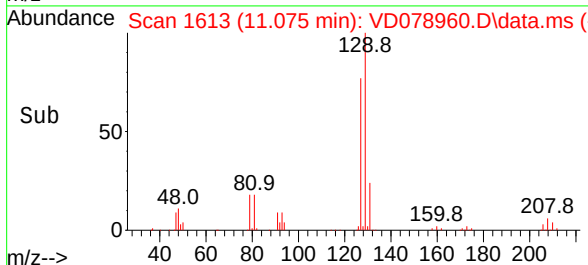
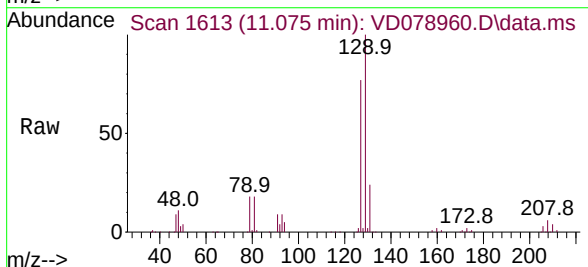
Ion	Ratio	Lower	Upper
43	100		
58	65.5	53.4	80.2
57	21.6	17.0	25.4
100	18.6	14.3	21.5

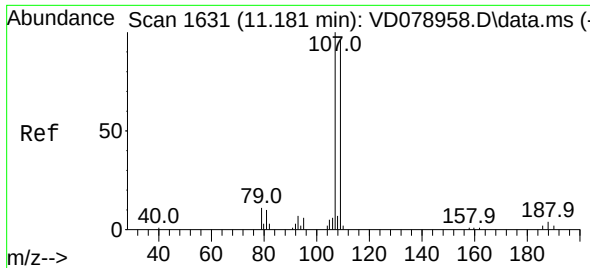


#49
Dibromochloromethane
Concen: 109.086 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion: 129 Resp: 347089

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.8	101.8

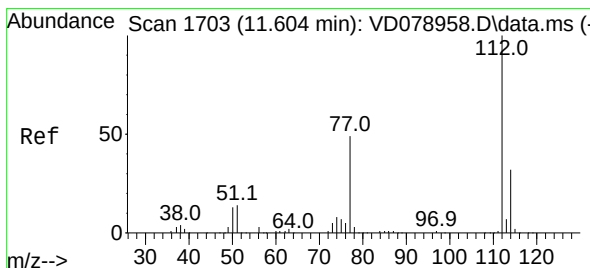
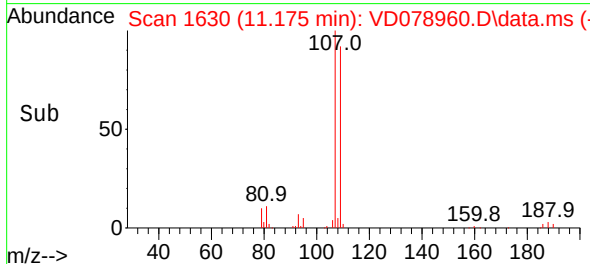
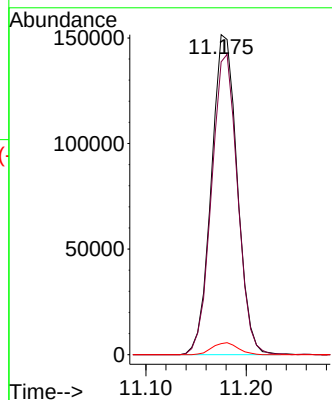
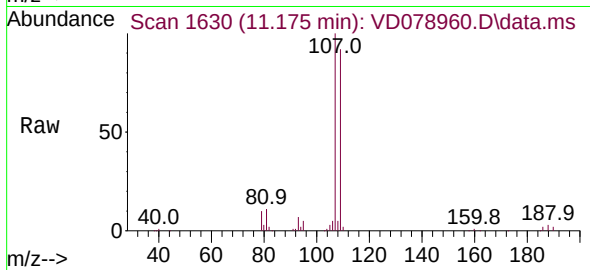




#50
1,2-Dibromoethane
Concen: 109.942 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

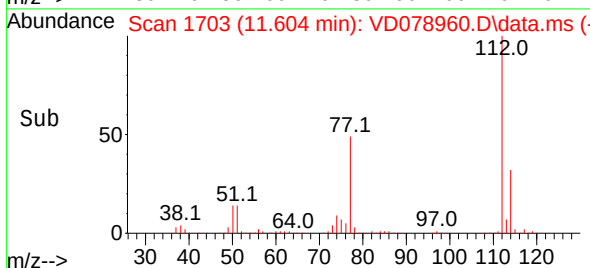
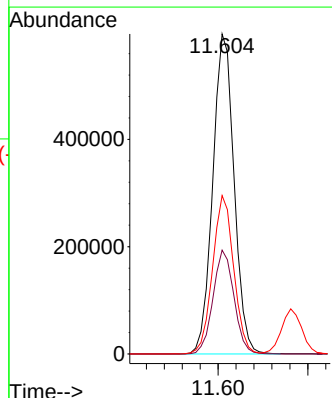
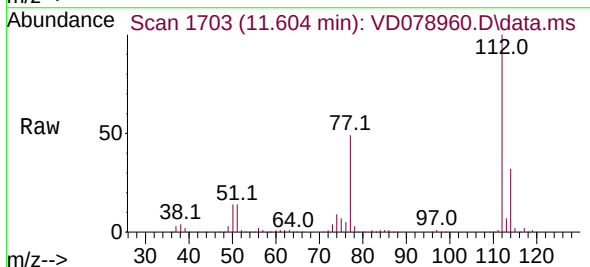
Instrument :
MSVOA_D
ClientSampleId :

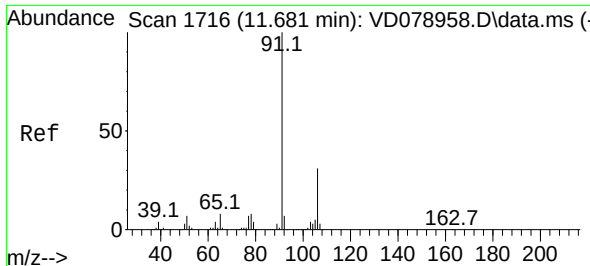
Tgt Ion:107 Resp: 271798
Ion Ratio Lower Upper
107 100
109 91.5 67.0 124.4
188 3.5 3.4 5.2



#51
Chlorobenzene
Concen: 112.120 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:112 Resp: 983519
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.9
77 49.5 39.4 59.0

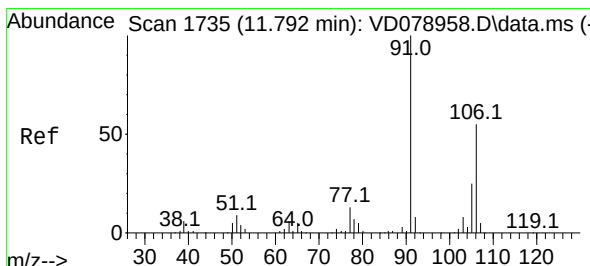
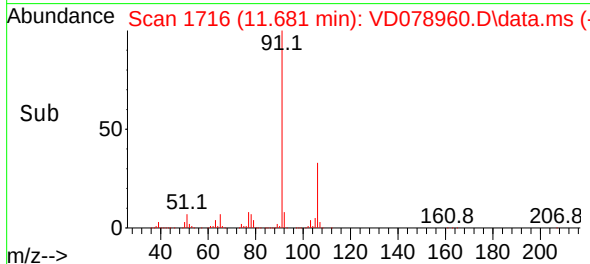
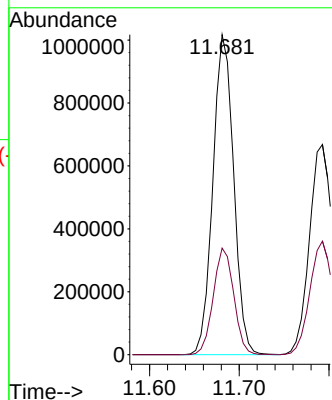
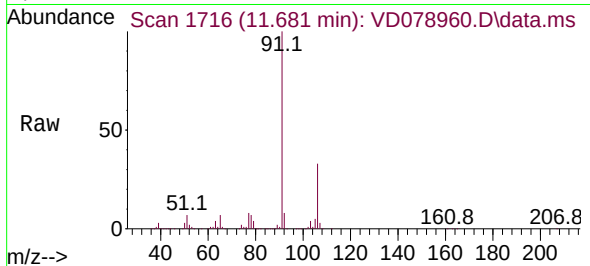




#52
Ethylbenzene
Concen: 121.976 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

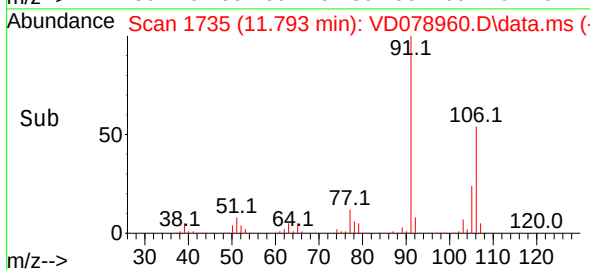
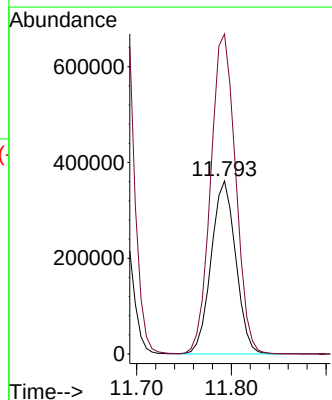
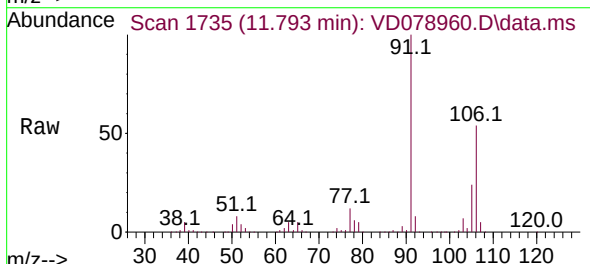
Instrument :
MSVOA_D
ClientSampleId :

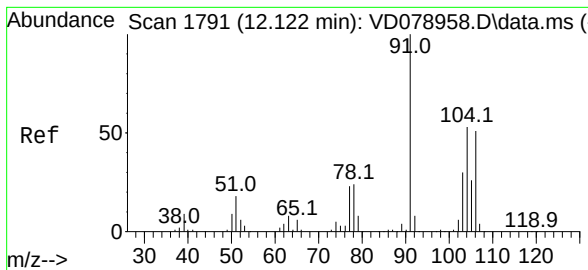
Tgt Ion: 91 Resp: 1634574
Ion Ratio Lower Upper
91 100
106 33.3 21.6 40.2



#53
m,p-Xylene
Concen: 121.570 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:106 Resp: 651738
Ion Ratio Lower Upper
106 100
91 185.0 128.3 238.3

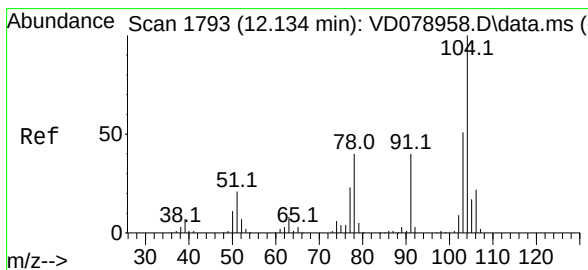
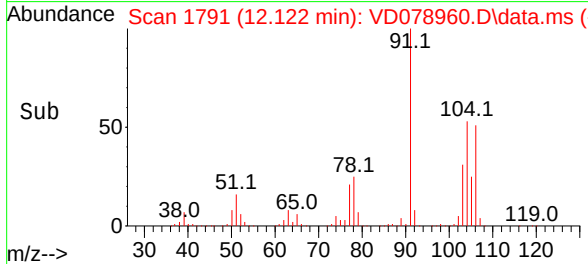
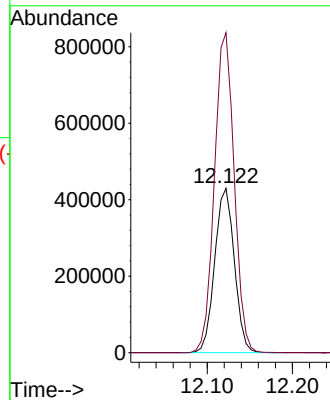
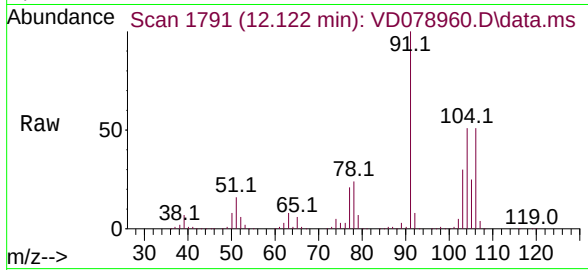




#54
o-Xylene
Concen: 131.612 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

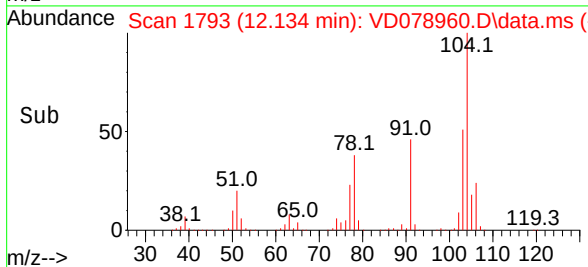
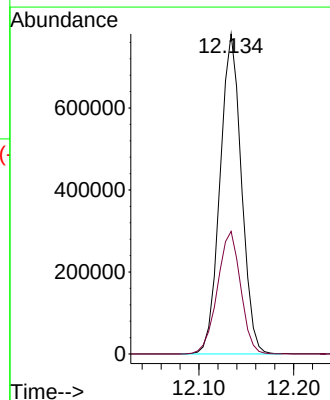
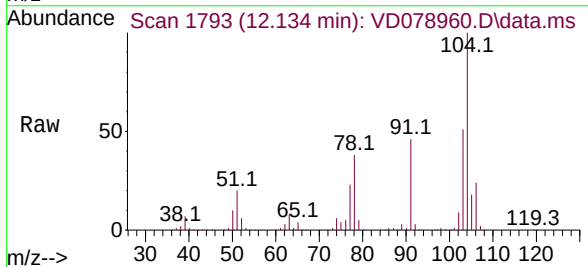
Instrument :
MSVOA_D
ClientSampleId :

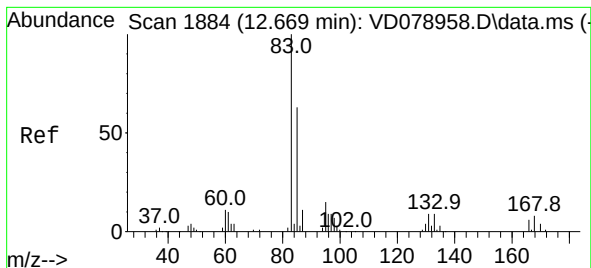
Tgt Ion:106 Resp: 687210
Ion Ratio Lower Upper
106 100
91 194.7 138.3 256.9



#55
Styrene
Concen: 132.814 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:104 Resp: 1225489
Ion Ratio Lower Upper
104 100
78 38.3 27.8 51.6

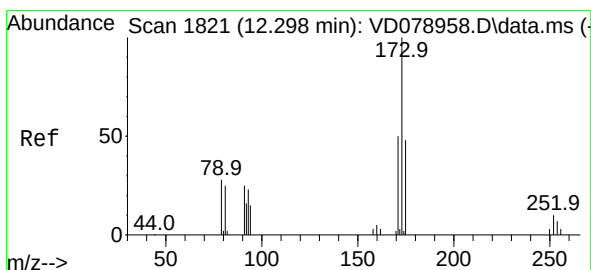
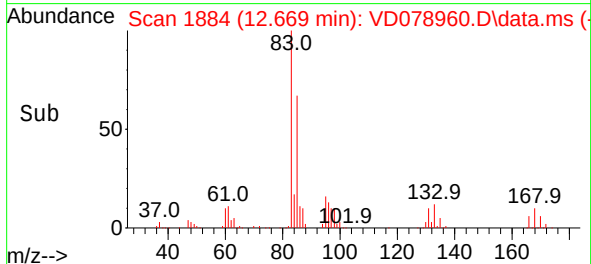
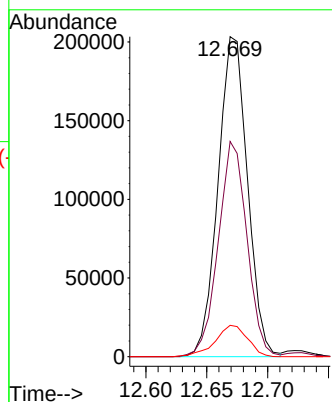
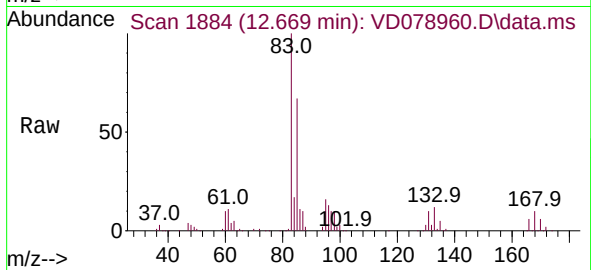




#57
1,1,2,2-Tetrachloroethane
Concen: 107.904 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

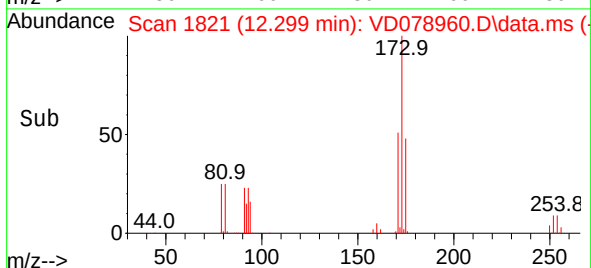
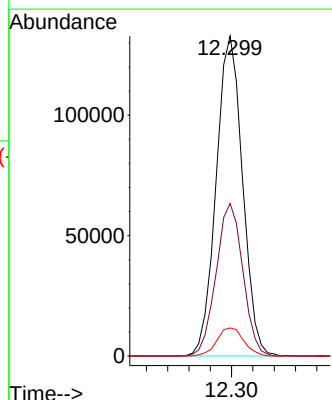
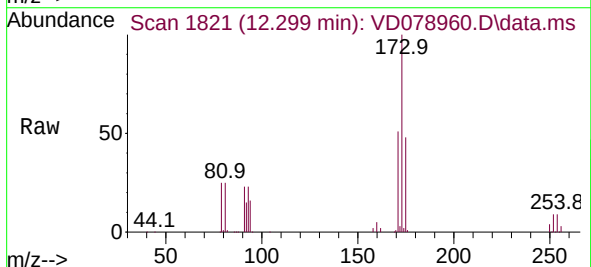
Instrument :
MSVOA_D
ClientSampleId :

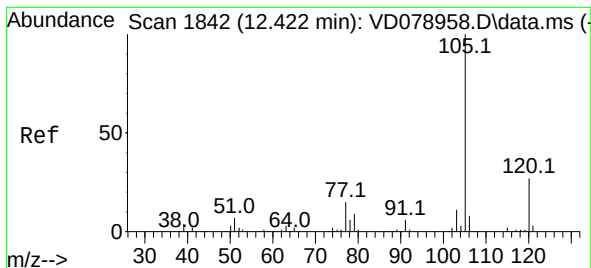
Tgt Ion: 83 Resp: 342513
Ion Ratio Lower Upper
83 100
85 67.2 44.3 82.3
131 9.8 7.5 11.3



#59
Bromoform
Concen: 103.750 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:173 Resp: 228238
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 9.0 6.3 9.5





#60

Isopropylbenzene

Concen: 121.377 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :

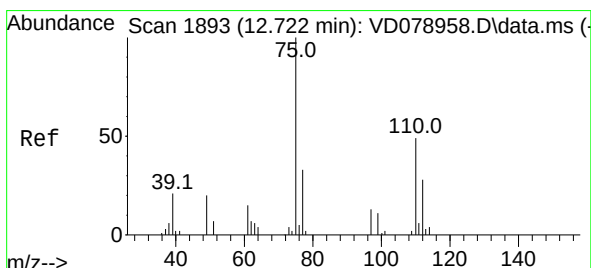
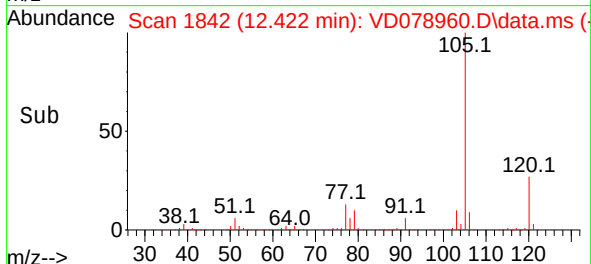
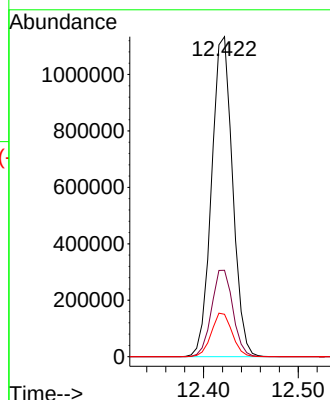
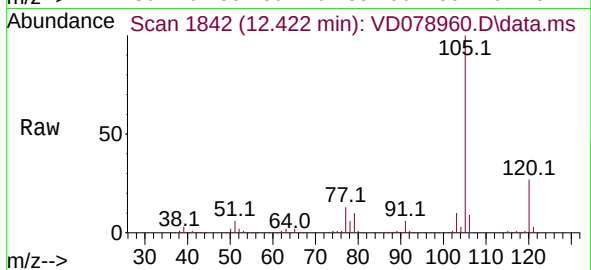
Tgt Ion:105 Resp: 1744213

Ion Ratio Lower Upper

105 100

120 27.5 21.8 32.8

77 13.5 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 98.296 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

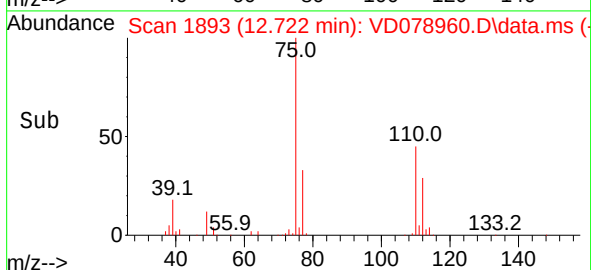
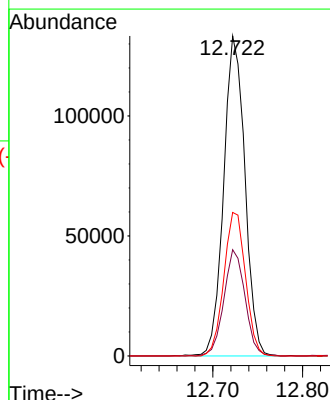
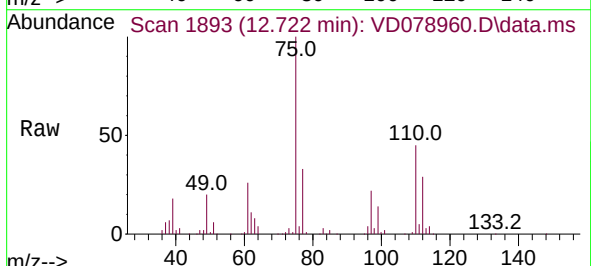
Tgt Ion: 75 Resp: 219007

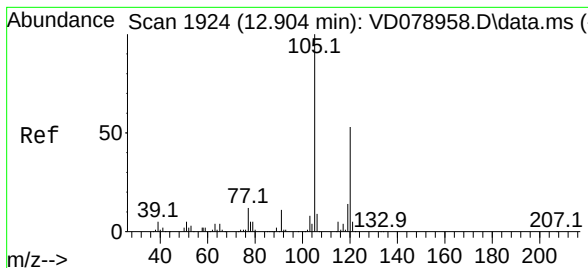
Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

110 45.7 37.1 55.7

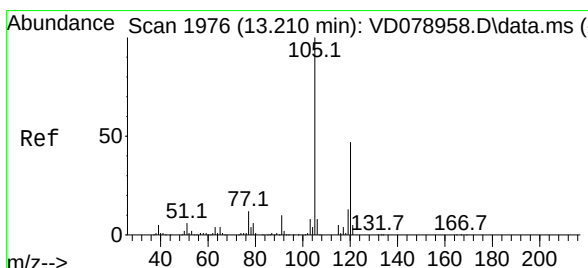
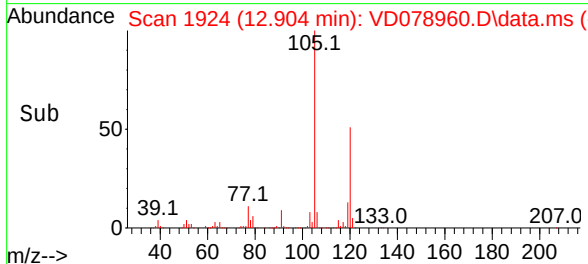
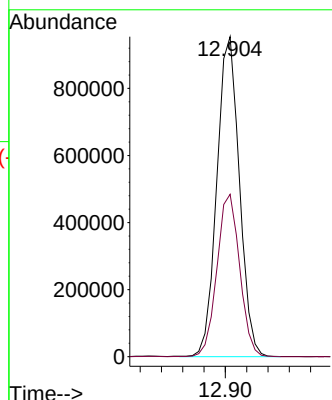
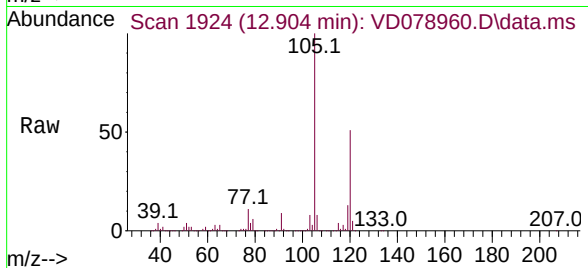




#62
1,3,5-Trimethylbenzene
Concen: 131.734 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

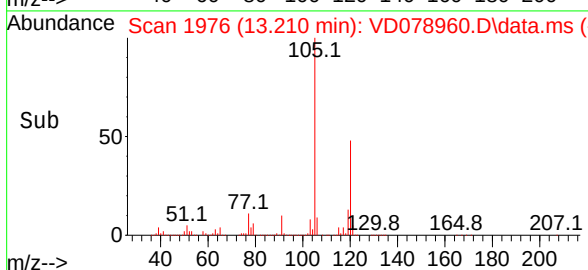
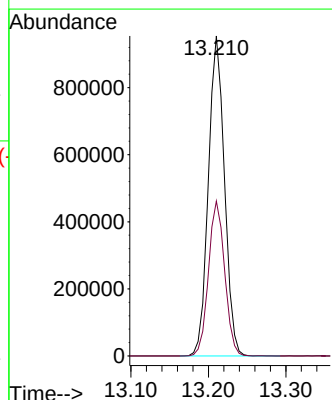
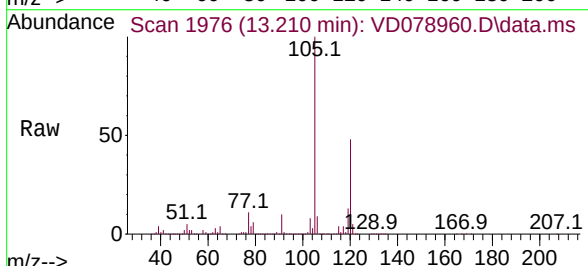
Instrument :
MSVOA_D
ClientSampleId :

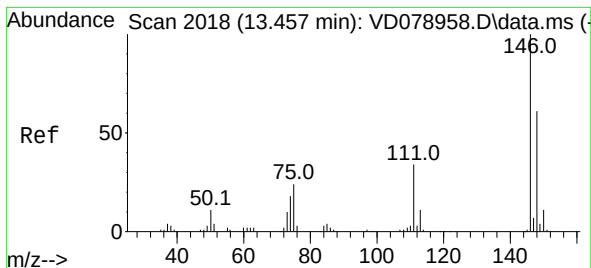
Tgt Ion:105 Resp: 1399282
Ion Ratio Lower Upper
105 100
120 51.2 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 127.733 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:105 Resp: 1378682
Ion Ratio Lower Upper
105 100
120 48.6 38.8 58.2





#64

1,3-Dichlorobenzene

Concen: 114.478 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

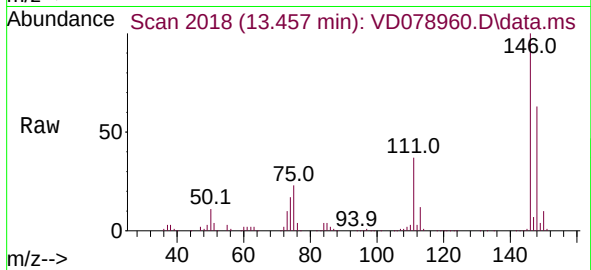
Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :



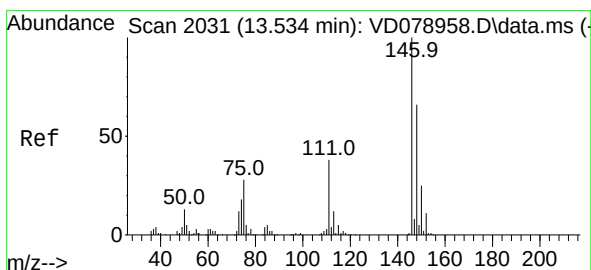
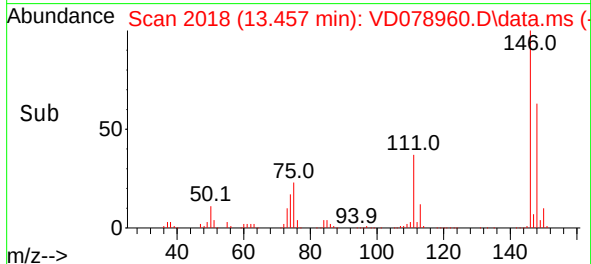
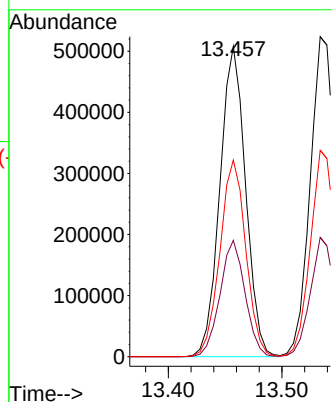
Tgt Ion:146 Resp: 798955

Ion Ratio Lower Upper

146 100

111 37.5 24.0 44.6

148 63.4 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 109.517 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

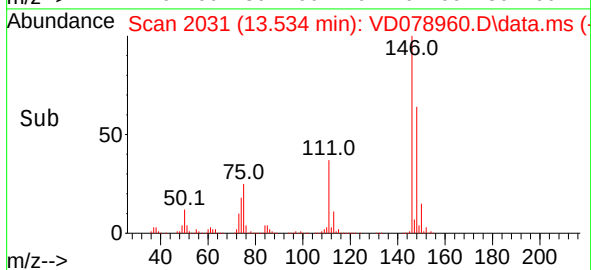
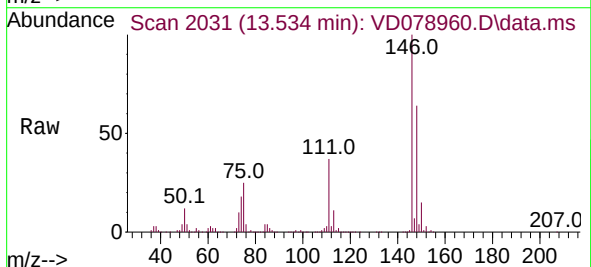
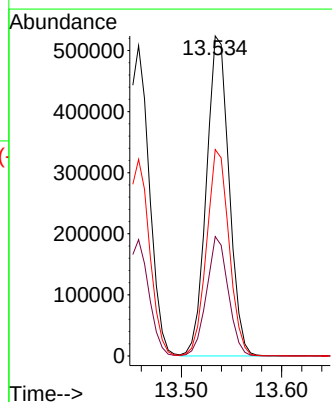
Tgt Ion:146 Resp: 824041

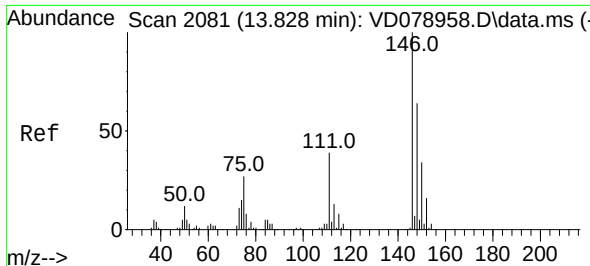
Ion Ratio Lower Upper

146 100

111 37.3 26.9 50.1

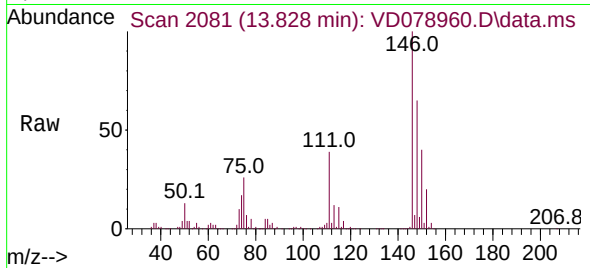
148 64.5 46.4 86.2



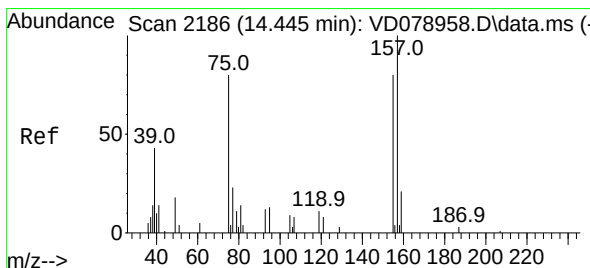
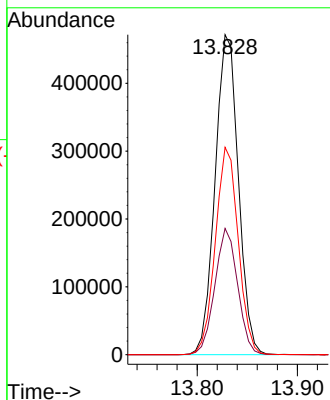
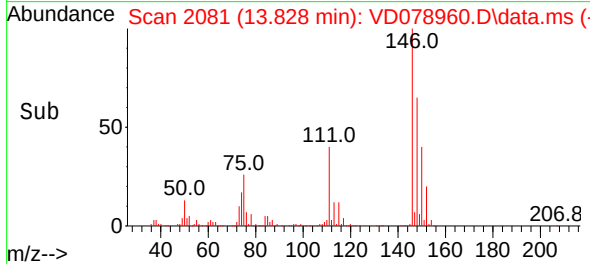


#67
1,2-Dichlorobenzene
Concen: 115.093 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Instrument :
MSVOA_D
ClientSampleId :

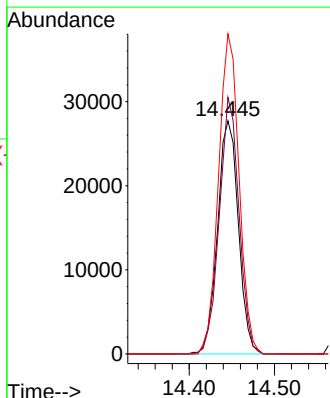
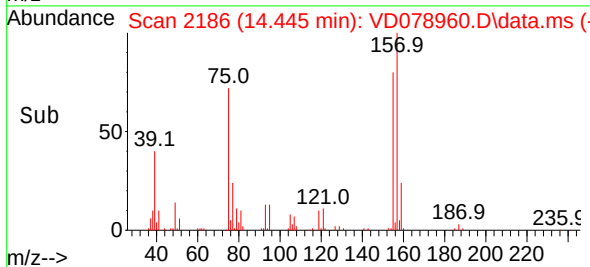
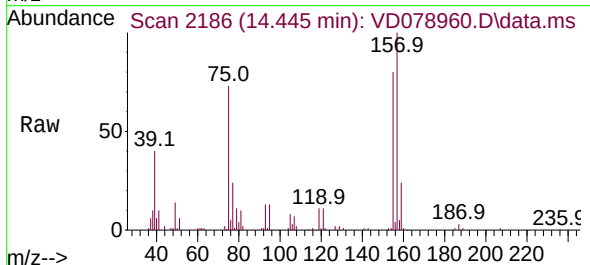


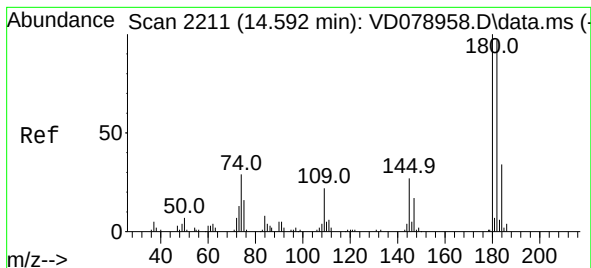
Tgt Ion:146 Resp: 760240
Ion Ratio Lower Upper
146 100
111 39.4 30.9 46.3
148 64.8 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 101.620 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion: 75 Resp: 47164
Ion Ratio Lower Upper
75 100
155 110.0 79.8 119.6
157 137.3 99.9 149.9





#69

1,3,5-Trichlorobenzene

Concen: 118.231 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 535904

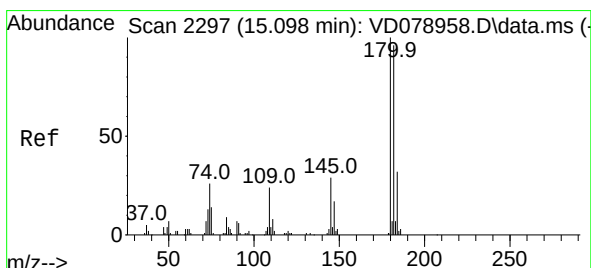
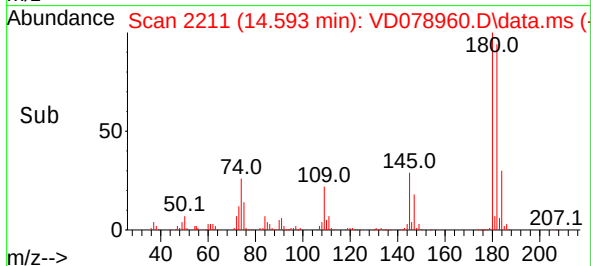
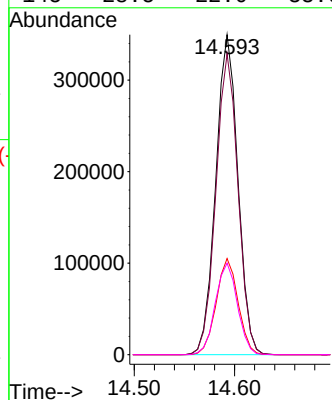
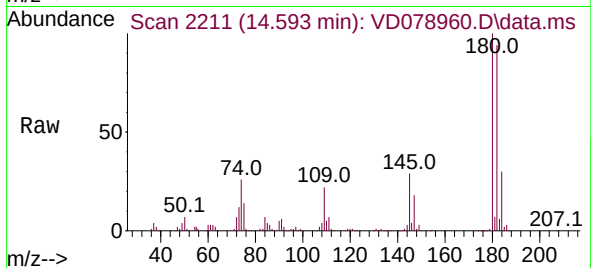
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.2

184 29.7 24.9 37.3

145 28.5 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 119.815 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078960.D

Acq: 17 May 2024 11:28

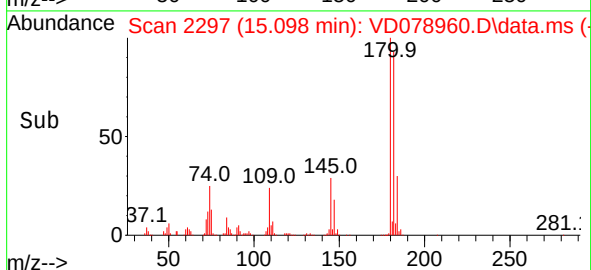
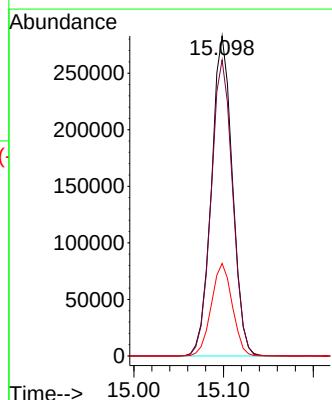
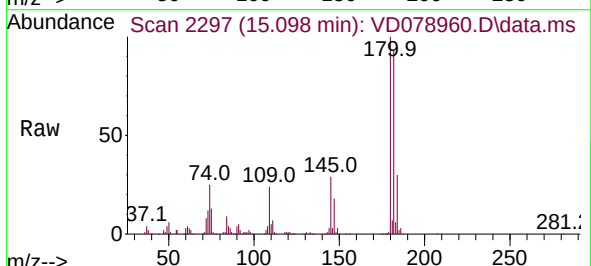
Tgt Ion:180 Resp: 459755

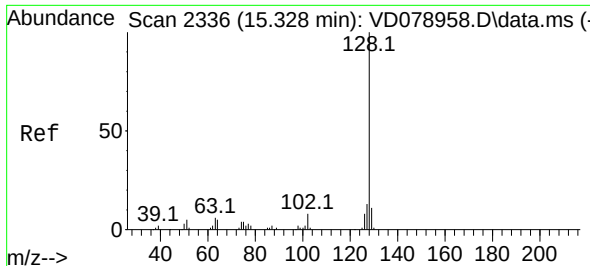
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 28.8 22.8 34.2

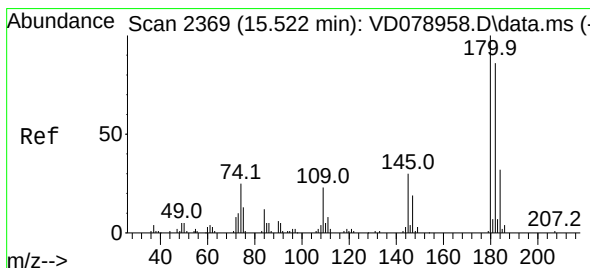
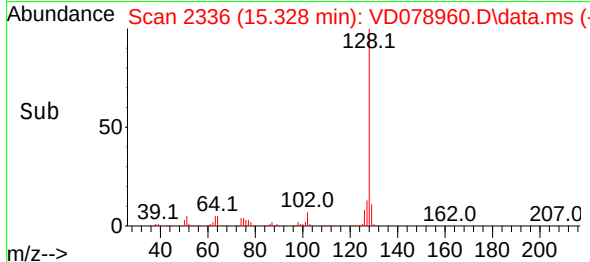
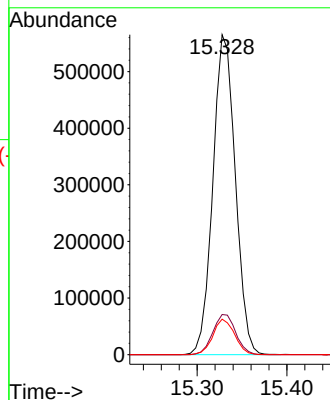
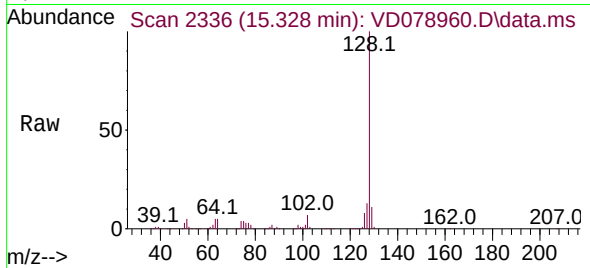




#71
Naphthalene
Concen: 125.441 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 982077
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 117.896 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078960.D
Acq: 17 May 2024 11:28

Tgt Ion:180 Resp: 422849
Ion Ratio Lower Upper
180 100
182 94.0 77.2 115.8
145 30.3 24.4 36.6

