

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080102.D
 Acq On : 05 Dec 2024 11:12
 Operator : RP/MD
 Sample : VSTD02552
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 00:47:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	283935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	271605	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145794	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	127037	25.000	ug/L	0.00
7) Chloroethane-d5	2.793	69	99091	25.000	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	41723	25.000	ug/L	0.00
21) 2-Butanone-d5	6.993	46	46230	50.000	ug/L	0.00
24) Chloroform-d	7.569	84	196992	25.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	106358	25.000	ug/L	0.00
32) Benzene-d6	8.205	84	402433	25.000	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	126127	25.000	ug/L	0.00
41) Toluene-d8	10.269	98	387388	25.000	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	54824	25.000	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	39155	50.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108286	25.000	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	130904	25.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	118998	25.000	ug/L	96
3) Chloromethane	2.146	50	111395	25.000	ug/L	95
5) Vinyl chloride	2.281	62	145079	25.000	ug/L	93
6) Bromomethane	2.687	94	72538	25.000	ug/L	96
8) Chloroethane	2.834	64	82859	25.000	ug/L	95
9) Trichlorofluoromethane	3.169	101	174108	25.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	101720	25.000	ug/L	98
12) 1,1-Dichloroethene	3.940	96	91243	25.000	ug/L	92
13) Acetone	4.028	43	68272	50.000	ug/L	97
14) Carbon disulfide	4.264	76	336451	25.000	ug/L	96
15) Methyl Acetate	4.569	43	42803	25.000	ug/L #	80
16) Methylene chloride	4.799	84	107351	25.000	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	102163	25.000	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	207511	25.000	ug/L	98
19) 1,1-Dichloroethane	6.111	63	183546	25.000	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	111272	25.000	ug/L	97
22) 2-Butanone	7.087	43	72462	50.000	ug/L	98
23) Bromochloromethane	7.422	128	50554	25.000	ug/L	94
25) Chloroform	7.599	83	200627	25.000	ug/L	98
27) 1,2-Dichloroethane	8.328	62	120515	25.000	ug/L	97
29) Cyclohexane	7.875	56	152702	25.000	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	158563	25.000	ug/L	99
31) Carbon tetrachloride	7.993	117	142607	25.000	ug/L	98
33) Benzene	8.252	78	430437	25.000	ug/L	100
34) Trichloroethene	9.028	95	105603	25.000	ug/L	96
35) Methylcyclohexane	9.275	83	174799	25.000	ug/L	99
37) 1,2-Dichloropropane	9.304	63	114781	25.000	ug/L	99
38) Bromodichloromethane	9.587	83	139552	25.000	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	168510	25.000	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	122018	50.000	ug/L	99
42) Toluene	10.334	91	475091	25.000	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	148041	25.000	ug/L	95

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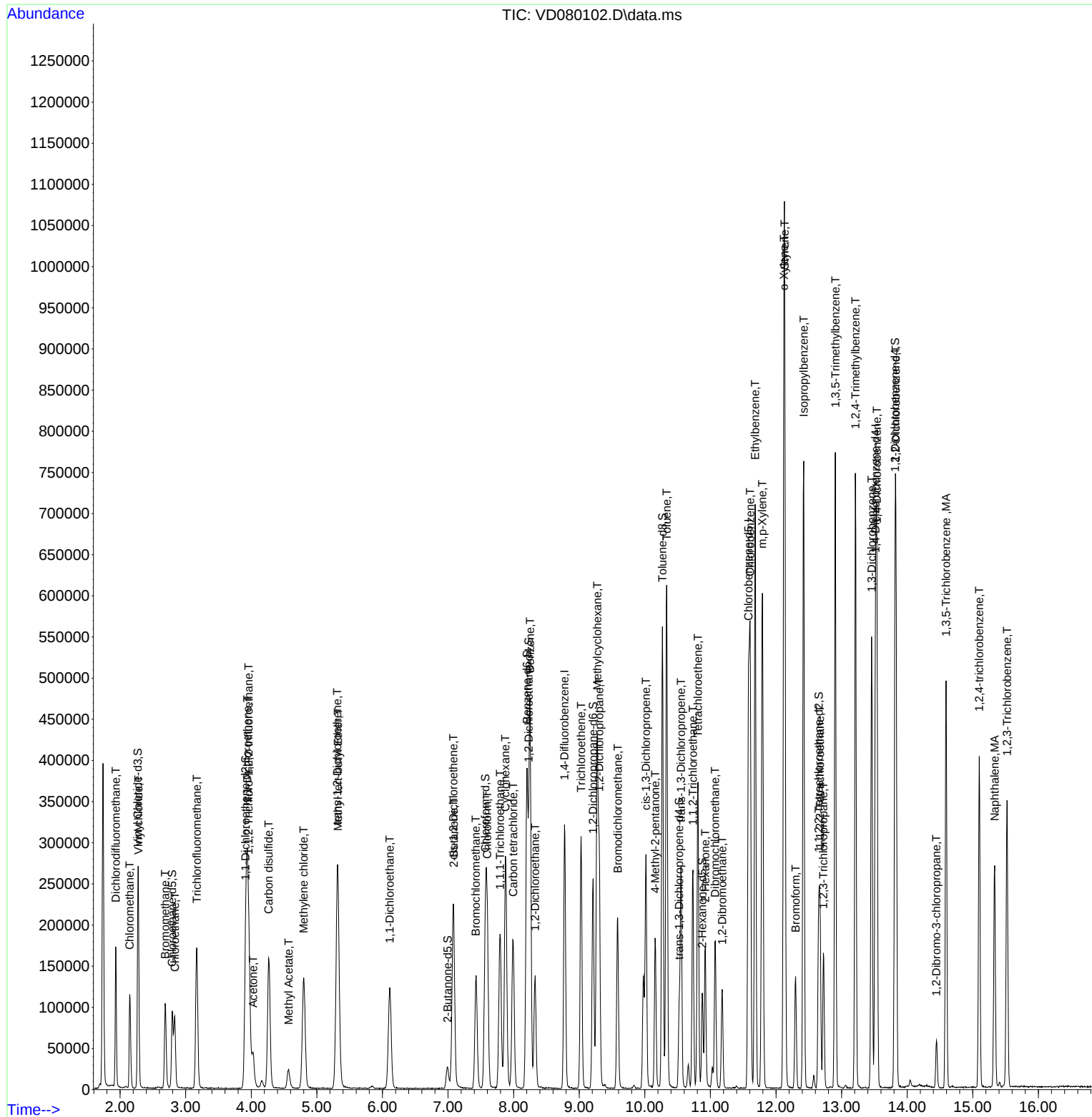
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	84341	25.000	ug/L	98
46) Tetrachloroethene	10.810	164	88998	25.000	ug/L	92
48) 2-Hexanone	10.922	43	110405	50.000	ug/L	99
49) Dibromochloromethane	11.069	129	96373	25.000	ug/L	96
50) 1,2-Dibromoethane	11.181	107	80368	25.000	ug/L #	98
51) Chlorobenzene	11.604	112	290030	25.000	ug/L	97
52) Ethylbenzene	11.681	91	509398	25.000	ug/L	100
53) m,p-Xylene	11.793	106	194115	25.000	ug/L	89
54) o-Xylene	12.122	106	186490	25.000	ug/L	95
55) Styrene	12.134	104	333263	25.000	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	101112	25.000	ug/L	98
59) Bromoform	12.298	173	62073	25.000	ug/L	98
60) Isopropylbenzene	12.422	105	492984	25.000	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	68889	25.000	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	391696	25.000	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	389713	25.000	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	234430	25.000	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	239548	25.000	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	212595	25.000	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	15317	25.000	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	160764	25.000	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	133898	25.000	ug/L	100
71) Naphthalene	15.334	128	239383	25.000	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	121851	25.000	ug/L	100

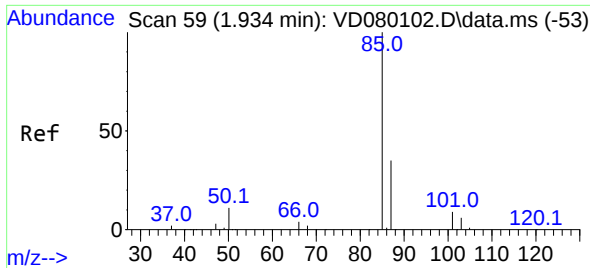
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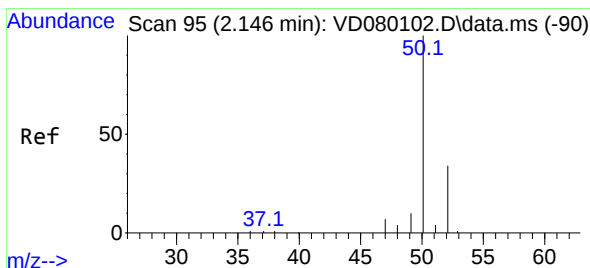
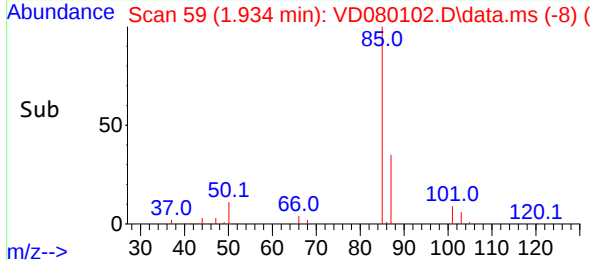
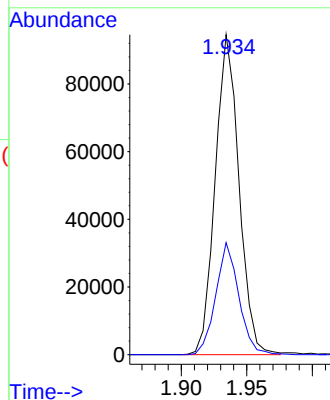
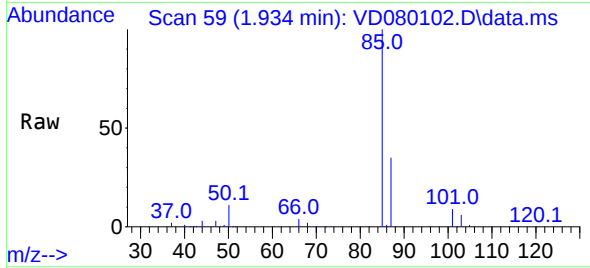




#2
 Dichlorodifluoromethane
 Concen: 25.000 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080102.D
 Acq: 05 Dec 2024 11:12

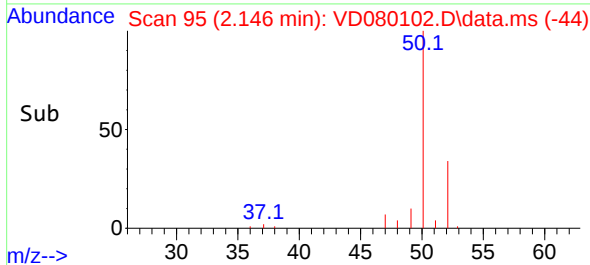
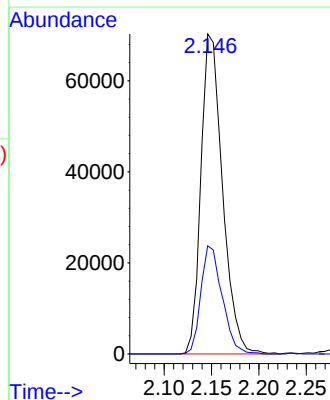
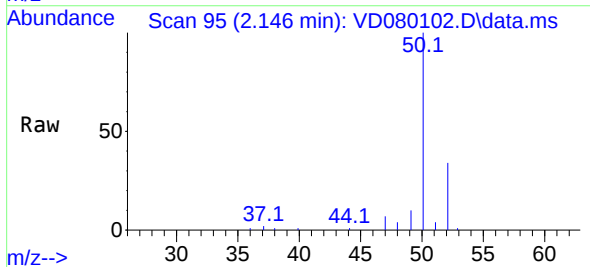
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 85 Resp: 118998
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.4 38.2

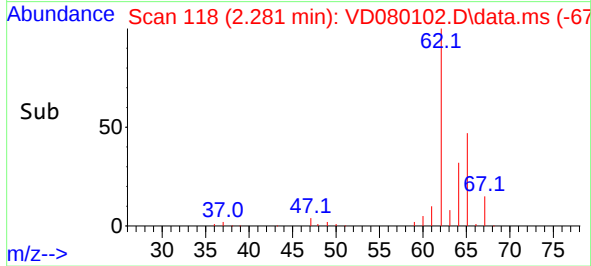
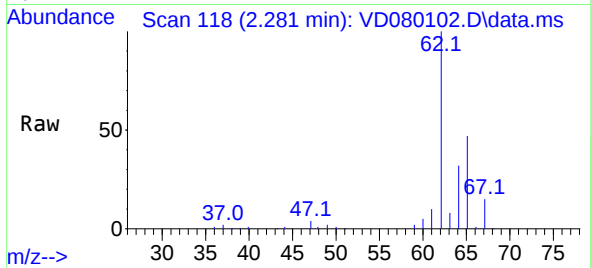
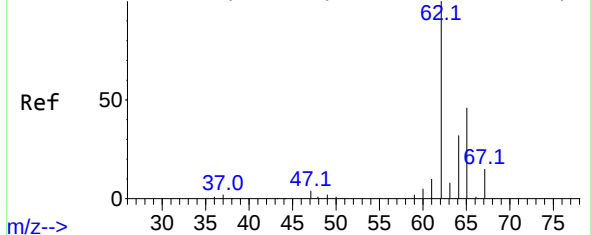


#3
 Chloromethane
 Concen: 25.000 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD080102.D
 Acq: 05 Dec 2024 11:12

Tgt Ion: 50 Resp: 111395
 Ion Ratio Lower Upper
 50 100
 52 33.8 21.6 40.0



Abundance Scan 118 (2.281 min): VD080102.D\data.ms (-11



#5

Vinyl chloride

Concen: 25.000 ug/L

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD080102.D

Acq: 05 Dec 2024 11:12

Instrument :

MSVOA_D

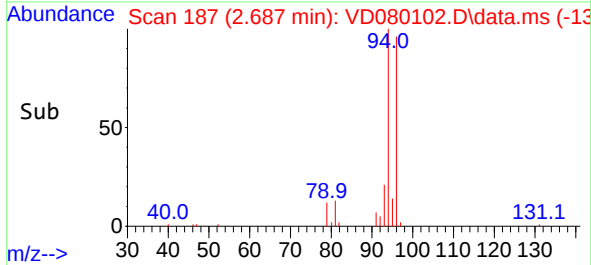
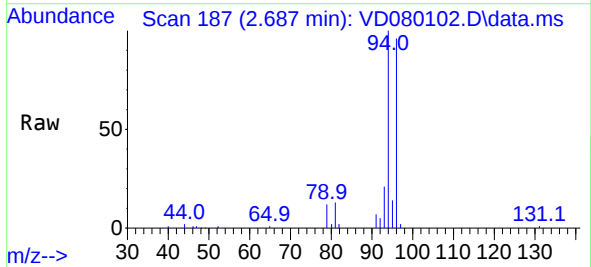
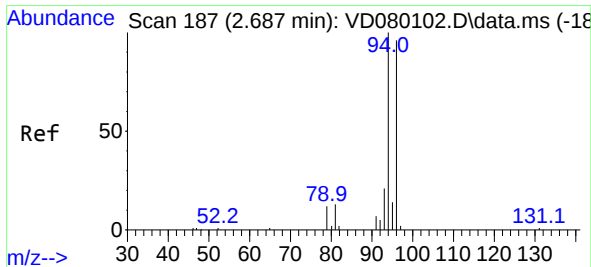
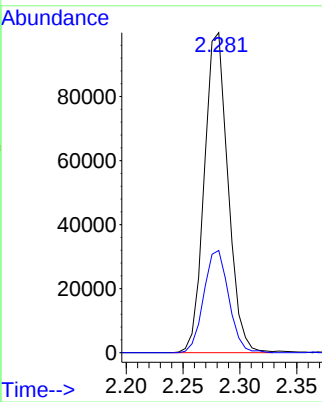
ClientSampleId :

Tgt Ion: 62 Resp: 145079

Ion Ratio Lower Upper

62 100

64 32.0 25.1 46.7



#6

Bromomethane

Concen: 25.000 ug/L

RT: 2.687 min Scan# 187

Delta R.T. 0.000 min

Lab File: VD080102.D

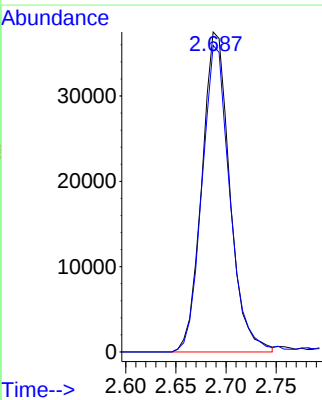
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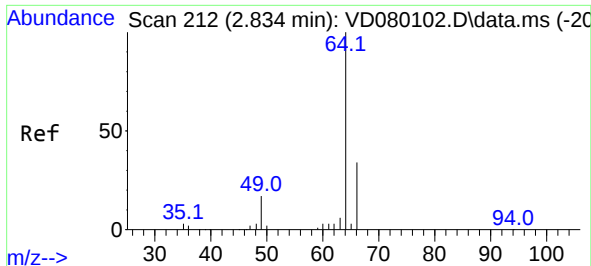
Tgt Ion: 94 Resp: 72538

Ion Ratio Lower Upper

94 100

96 95.8 64.5 119.7

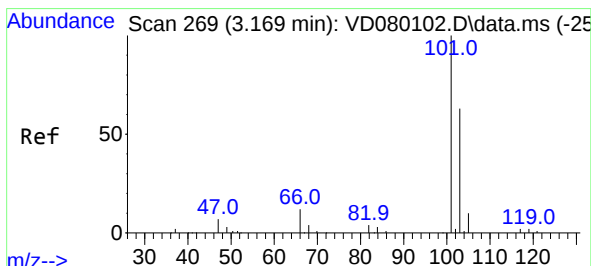
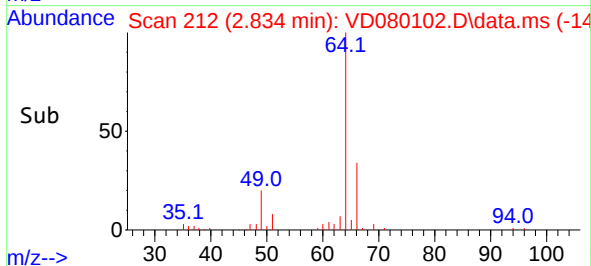
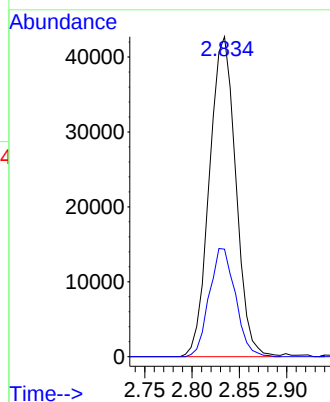
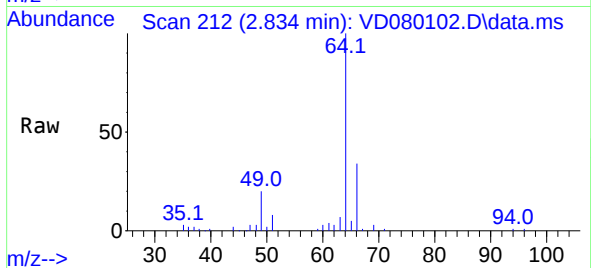




#8
Chloroethane
Concen: 25.000 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

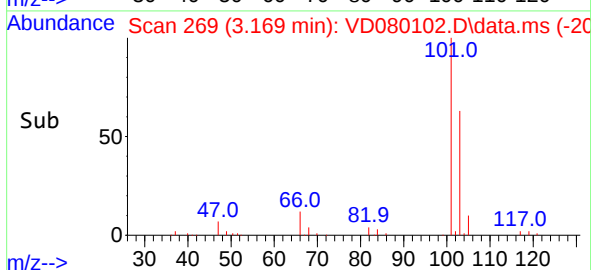
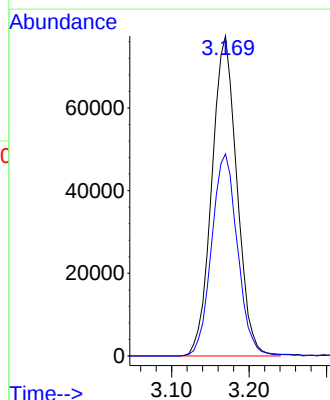
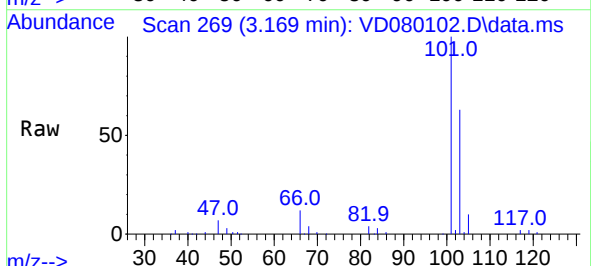
Instrument :
MSVOA_D
ClientSampleId :

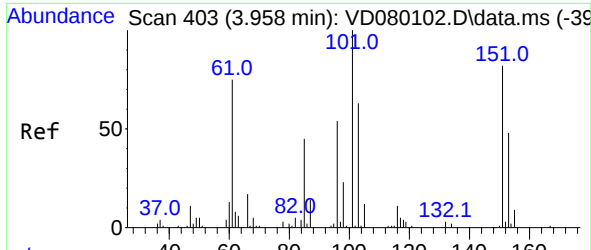
Tgt Ion: 64 Resp: 82859
Ion Ratio Lower Upper
64 100
66 33.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.000 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

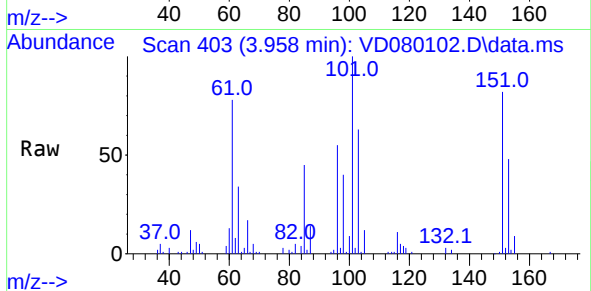
Tgt Ion:101 Resp: 174108
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8



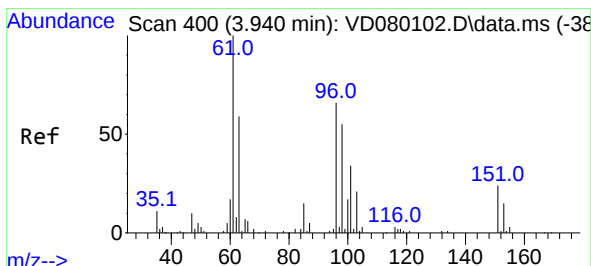
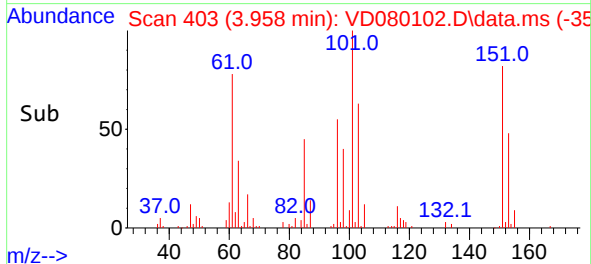
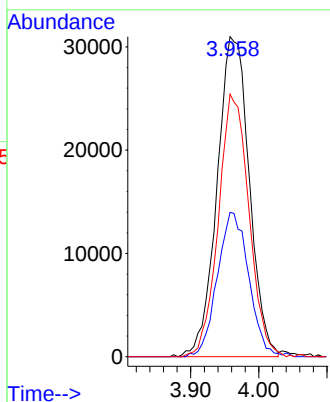


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.000 ug/L
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

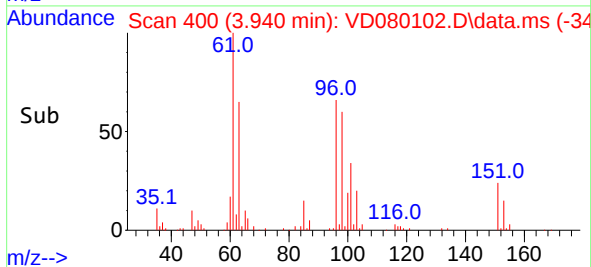
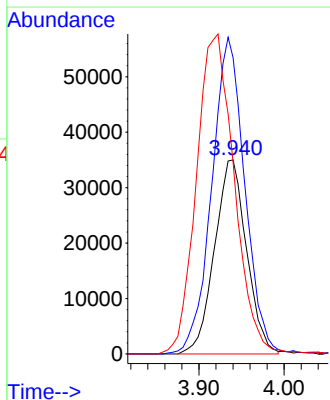
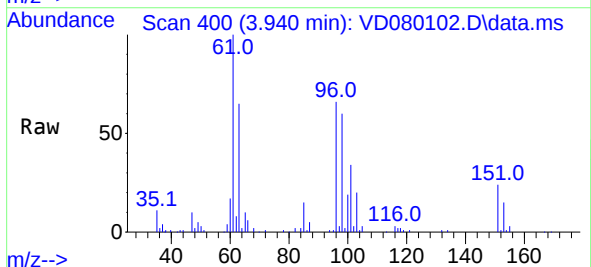


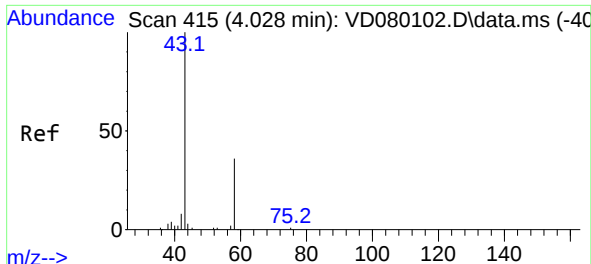
Tgt Ion:101 Resp: 101720
Ion Ratio Lower Upper
101 100
85 43.8 34.9 52.3
151 77.9 60.7 91.1



#12
1,1-Dichloroethene
Concen: 25.000 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 96 Resp: 91243
Ion Ratio Lower Upper
96 100
61 152.6 111.2 206.6
63 98.8 78.9 146.5

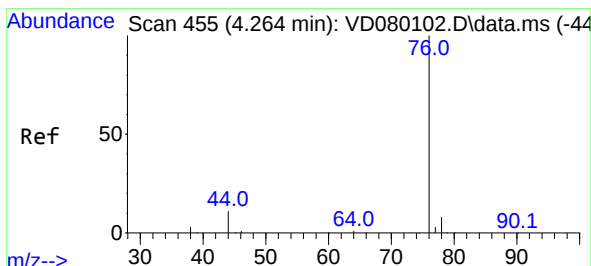
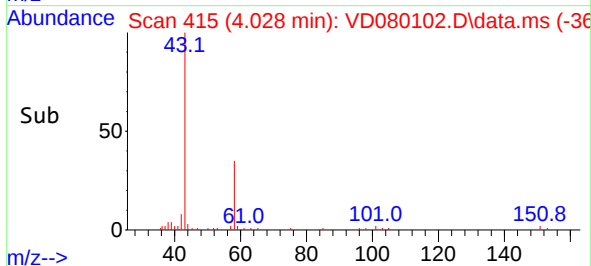
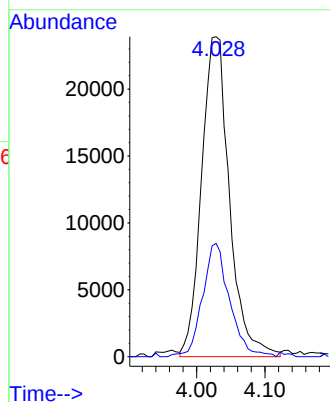
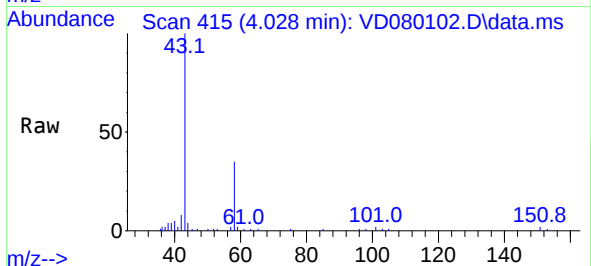




#13
Acetone
Concen: 50.000 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

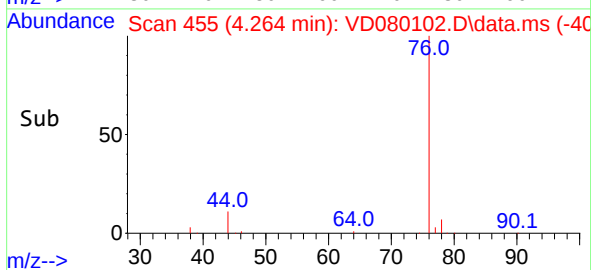
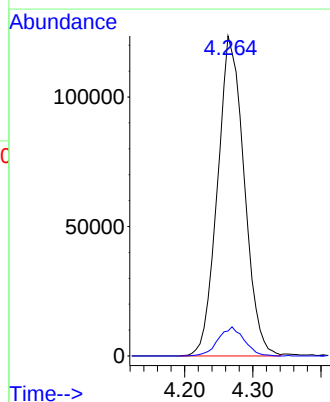
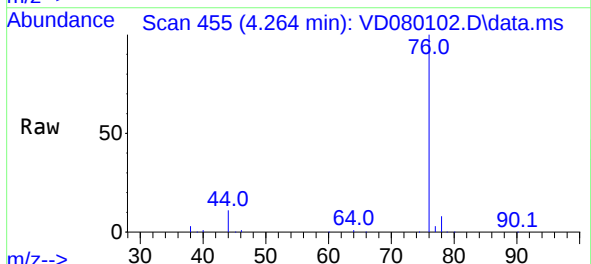
Instrument :
MSVOA_D
ClientSampleId :

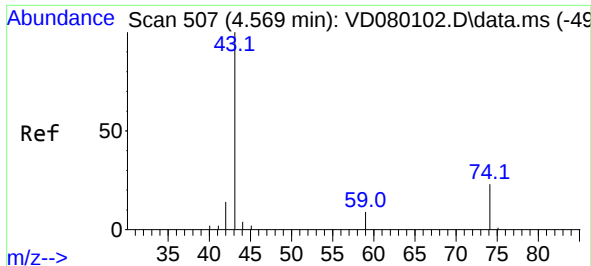
Tgt Ion: 43 Resp: 68272
Ion Ratio Lower Upper
43 100
58 34.1 0.0 71.8



#14
Carbon disulfide
Concen: 25.000 ug/L
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 76 Resp: 336451
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2

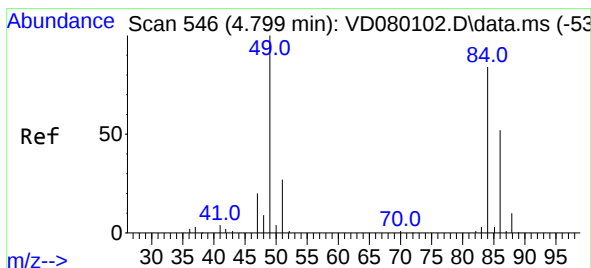
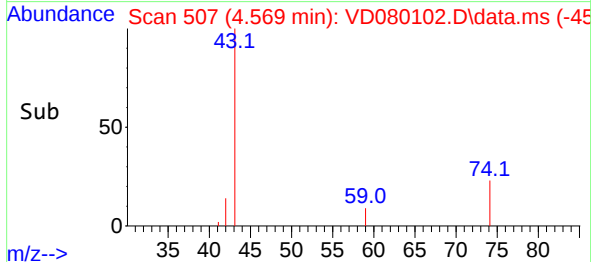
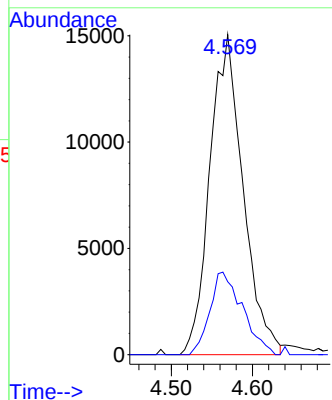
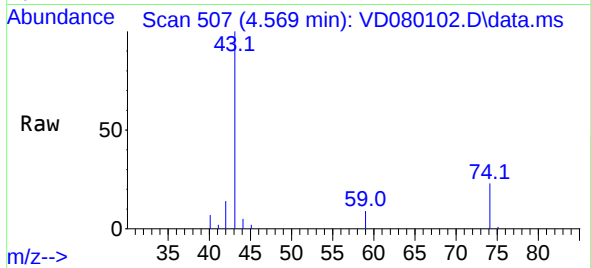




#15
Methyl Acetate
Concen: 25.000 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

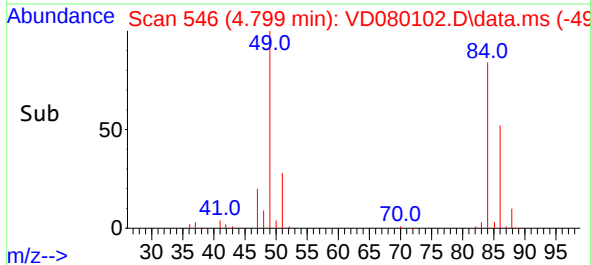
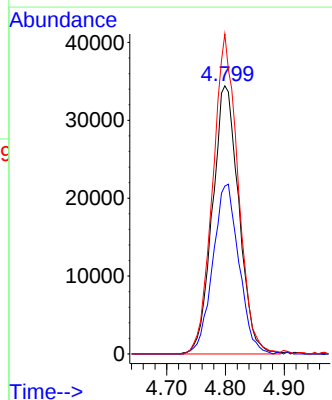
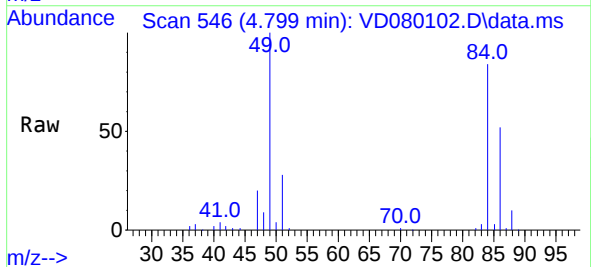
Instrument :
MSVOA_D
ClientSampleId :

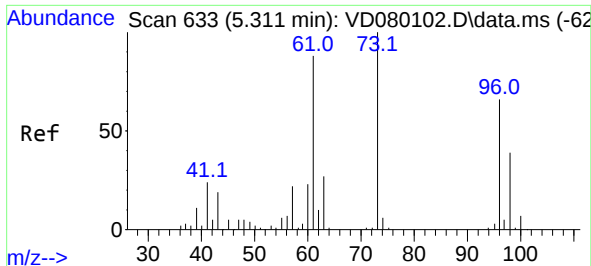
Tgt Ion: 43 Resp: 42803
Ion Ratio Lower Upper
43 100
74 25.3 0.2 0.2#



#16
Methylene chloride
Concen: 25.000 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 84 Resp: 107351
Ion Ratio Lower Upper
84 100
86 62.6 45.4 84.4
49 119.3 77.3 143.7

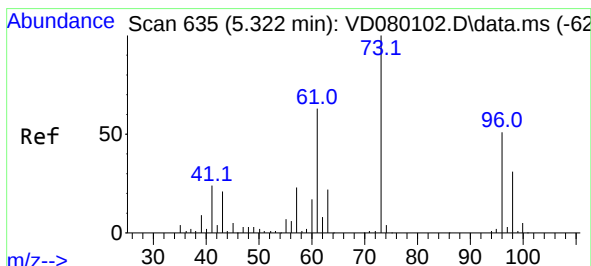
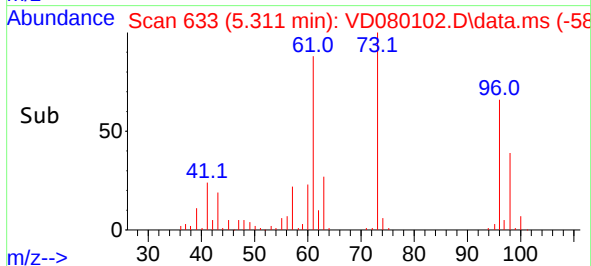
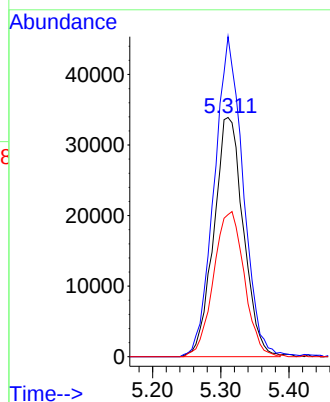
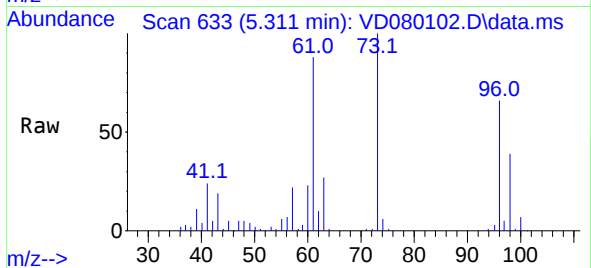




#17
trans-1,2-Dichloroethene
Concen: 25.000 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

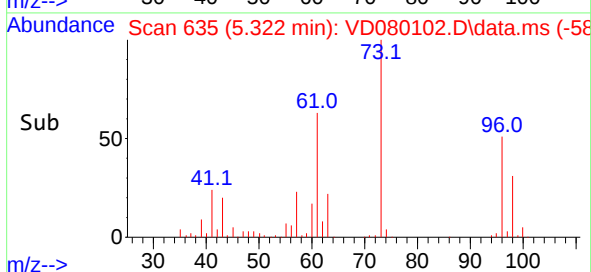
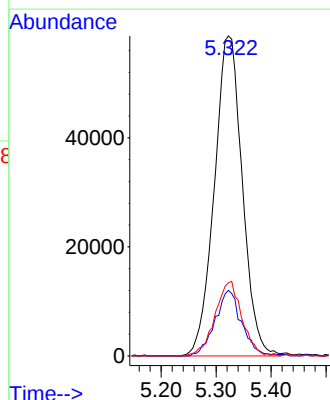
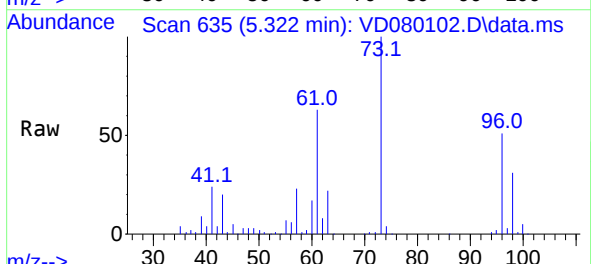
Instrument :
MSVOA_D
ClientSampleId :

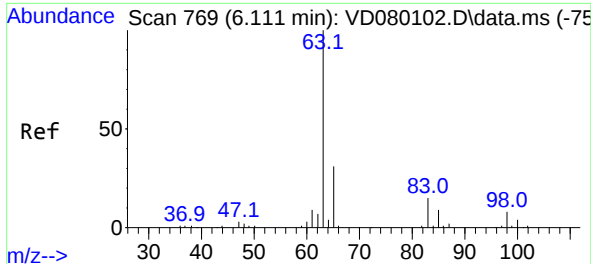
Tgt Ion: 96 Resp: 102163
Ion Ratio Lower Upper
96 100
61 133.8 91.1 169.3
98 59.4 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 25.000 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 73 Resp: 207511
Ion Ratio Lower Upper
73 100
43 19.3 16.1 24.1
57 22.2 18.5 27.7

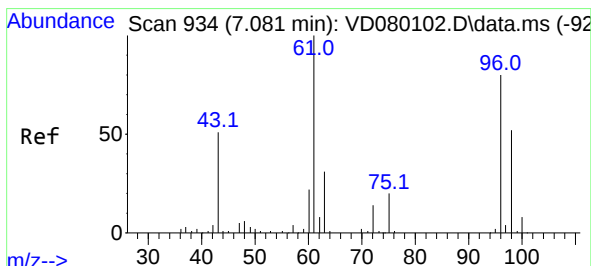
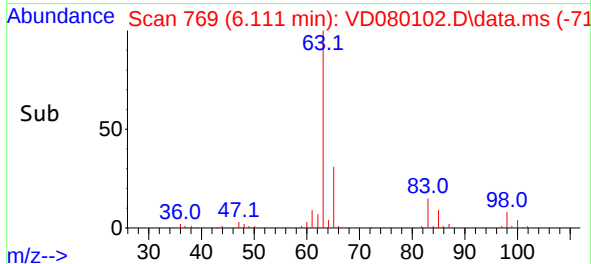
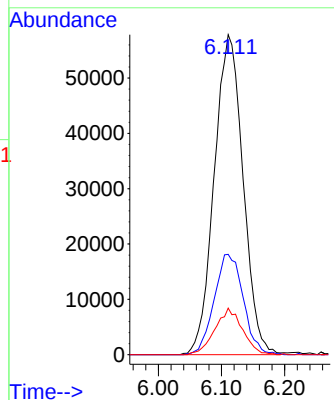
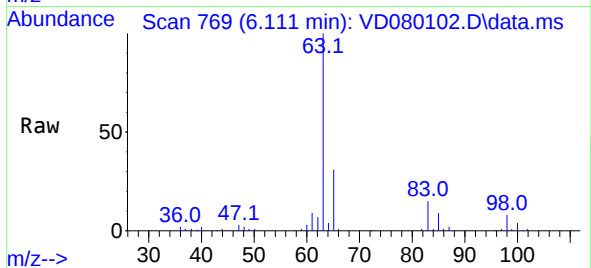




#19
1,1-Dichloroethane
Concen: 25.000 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

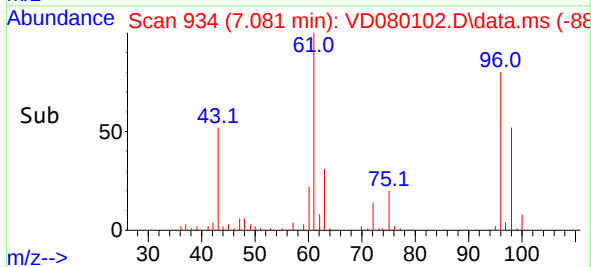
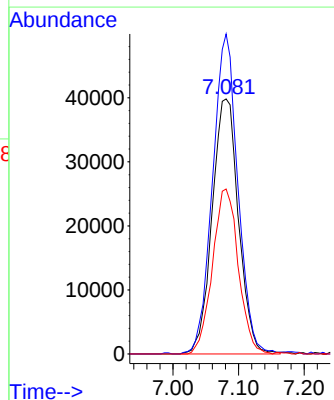
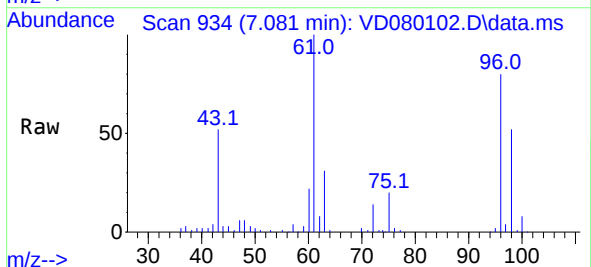
Instrument :
MSVOA_D
ClientSampleId :

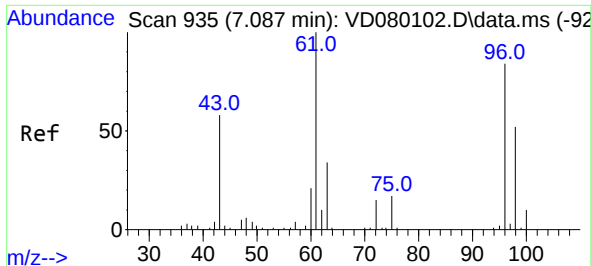
Tgt Ion: 63 Resp: 183546
Ion Ratio Lower Upper
63 100
65 31.4 21.9 40.7
83 14.6 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.000 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 96 Resp: 111272
Ion Ratio Lower Upper
96 100
61 125.4 84.8 157.4
98 64.7 44.4 82.5

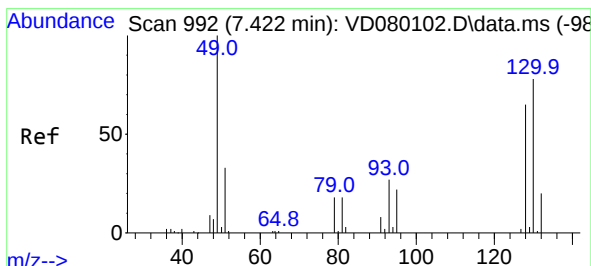
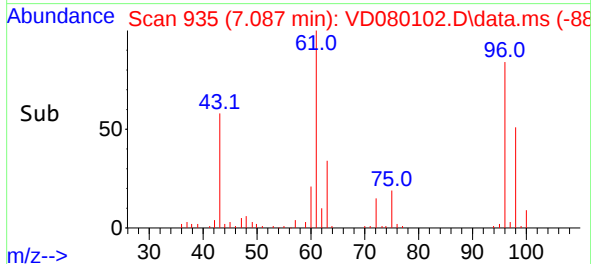
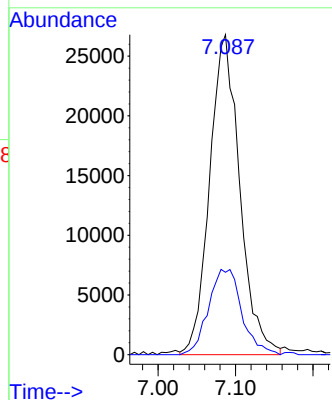
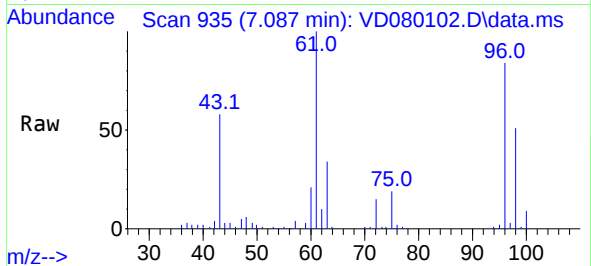




#22
2-Butanone
Concen: 50.000 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

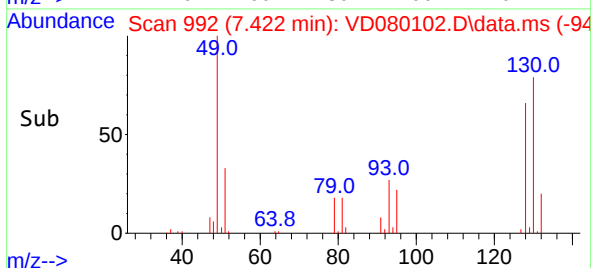
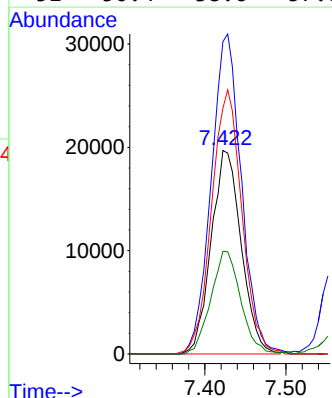
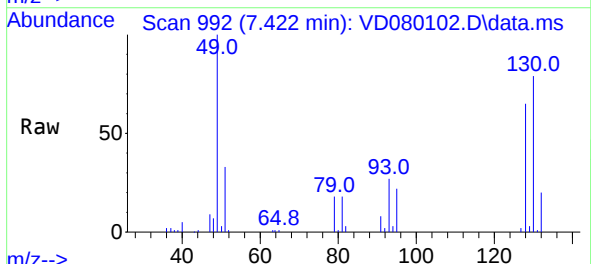
Instrument :
MSVOA_D
ClientSampleId :

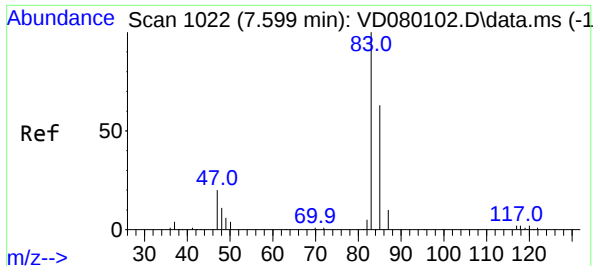
Tgt Ion: 43 Resp: 72462
Ion Ratio Lower Upper
43 100
72 29.5 14.3 42.9



#23
Bromochloromethane
Concen: 25.000 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion:128 Resp: 50554
Ion Ratio Lower Upper
128 100
49 153.5 103.2 191.6
130 120.7 90.6 168.2
51 50.4 38.6 57.8





#25

Chloroform

Concen: 25.000 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD080102.D

Acq: 05 Dec 2024 11:12

Instrument :

MSVOA_D

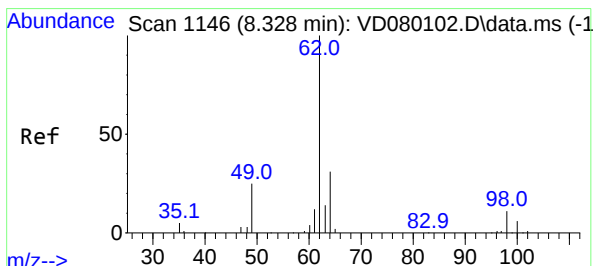
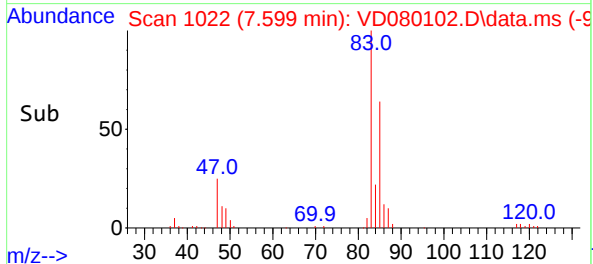
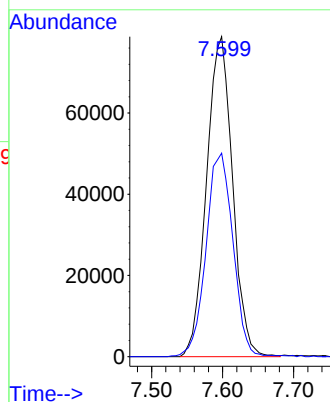
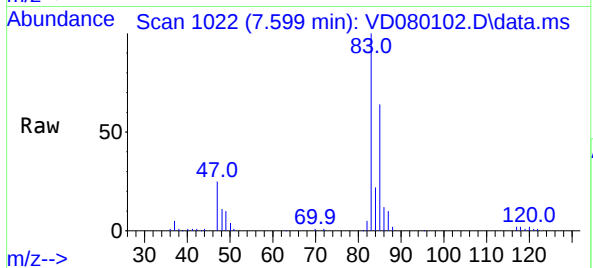
ClientSampleId :

Tgt Ion: 83 Resp: 200627

Ion Ratio Lower Upper

83 100

85 63.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 25.000 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD080102.D

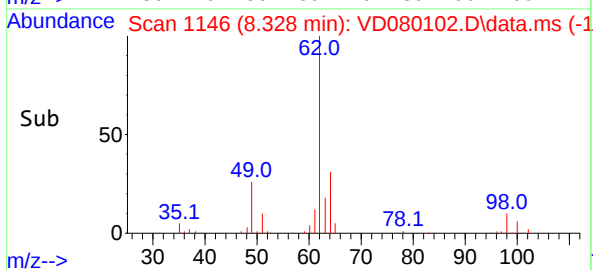
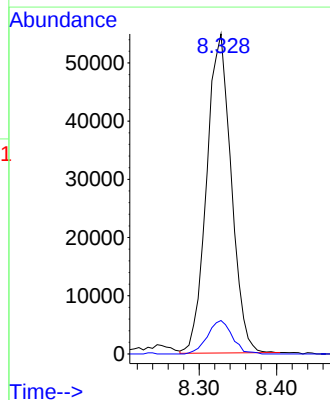
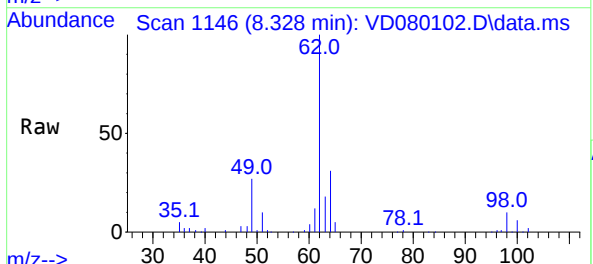
Acq: 05 Dec 2024 11:12

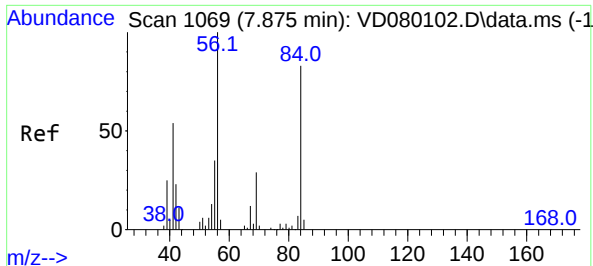
Tgt Ion: 62 Resp: 120515

Ion Ratio Lower Upper

62 100

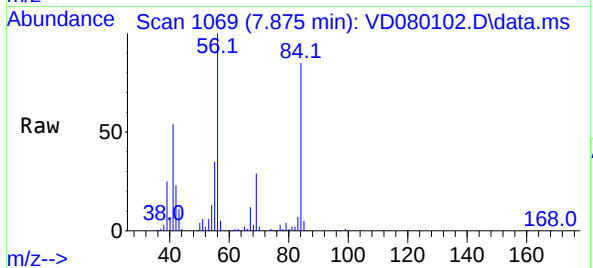
98 10.5 7.5 11.3



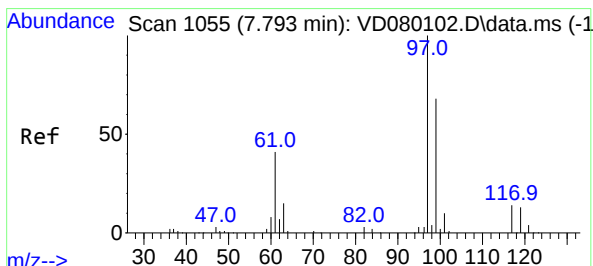
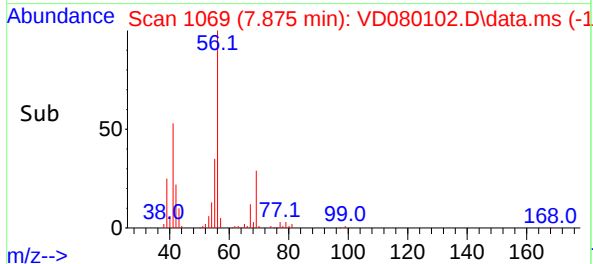
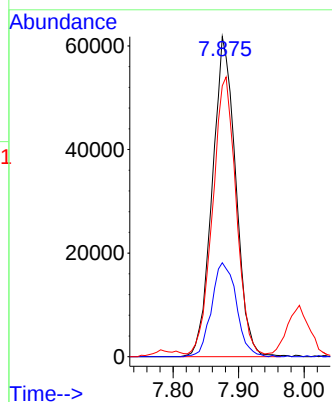


#29
Cyclohexane
Concen: 25.000 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

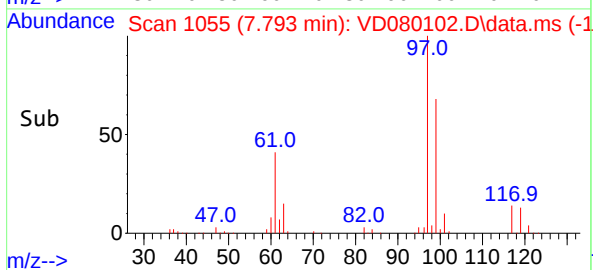
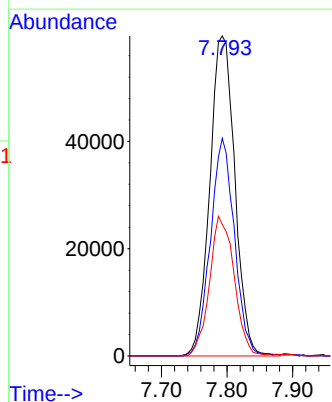
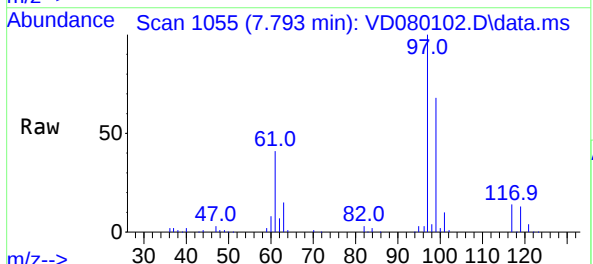


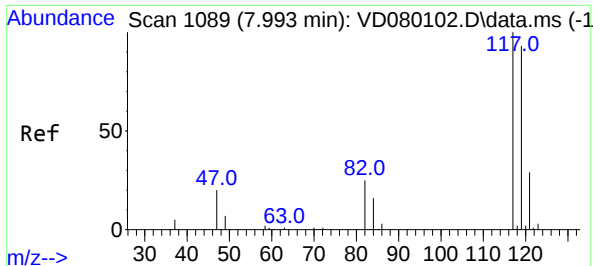
Tgt Ion: 56 Resp: 152702
Ion Ratio Lower Upper
56 100
69 31.1 25.6 38.4
84 88.7 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 25.000 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 97 Resp: 158563
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 42.8 34.3 51.5

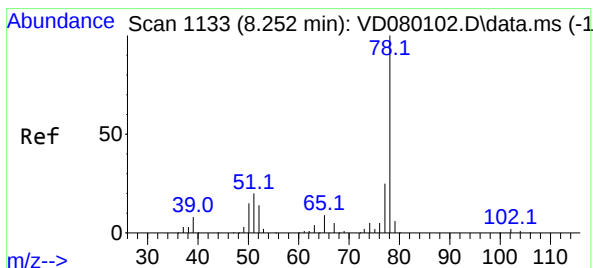
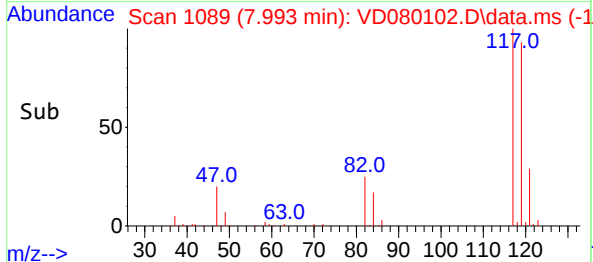
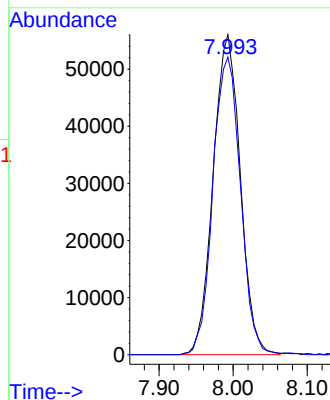
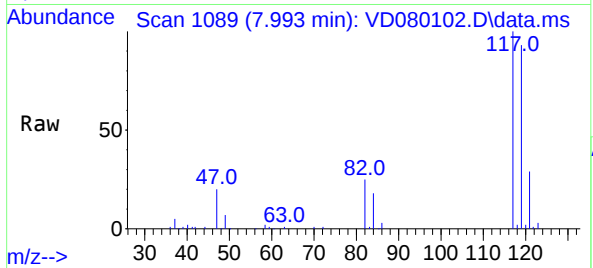




#31
Carbon tetrachloride
Concen: 25.000 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

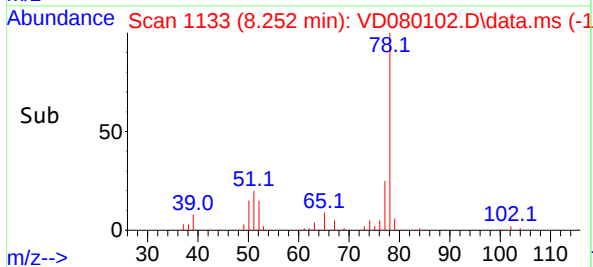
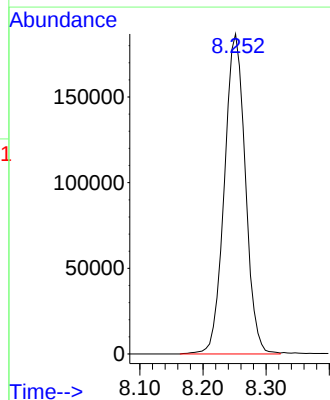
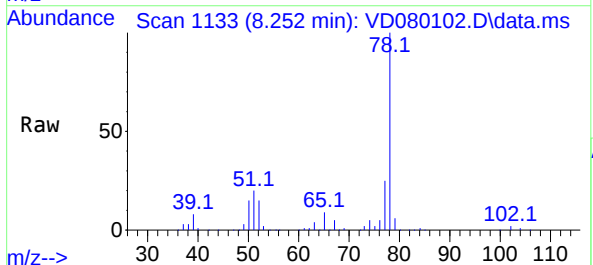
Instrument :
MSVOA_D
ClientSampleId :

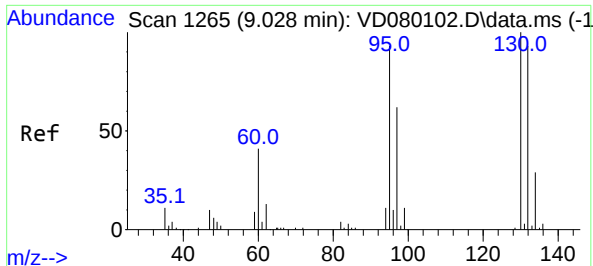
Tgt Ion:117 Resp: 142607
Ion Ratio Lower Upper
117 100
119 94.3 76.8 115.2



#33
Benzene
Concen: 25.000 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

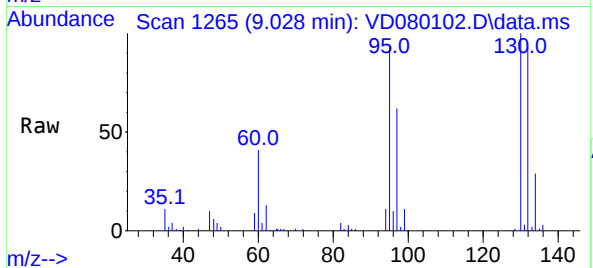
Tgt Ion: 78 Resp: 430437



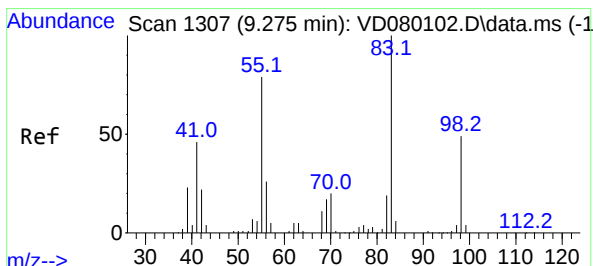
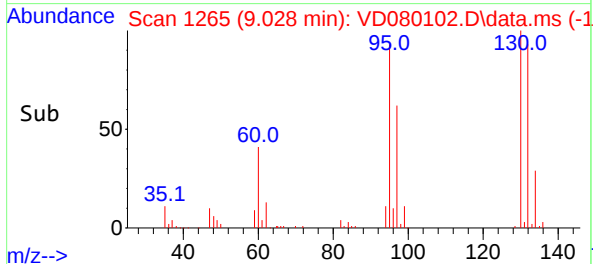
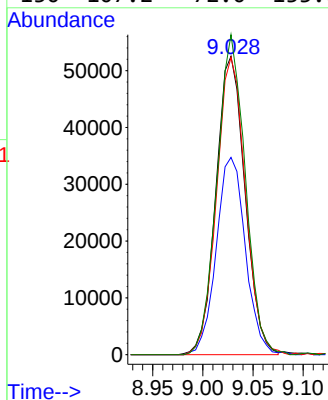


#34
Trichloroethene
Concen: 25.000 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

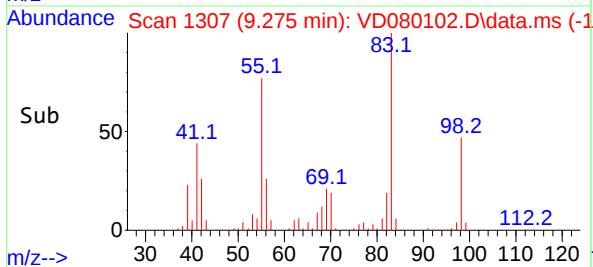
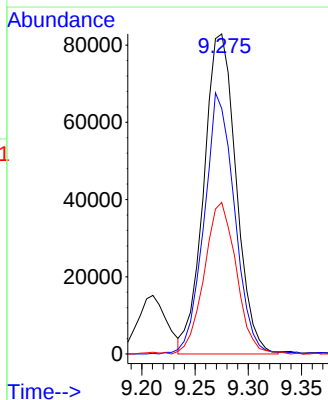
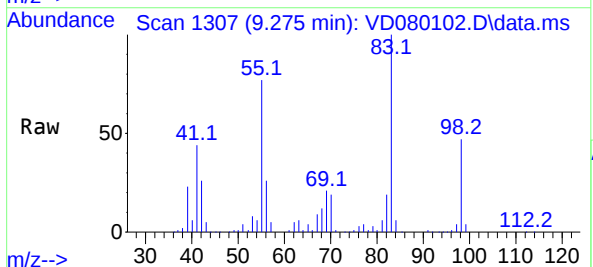


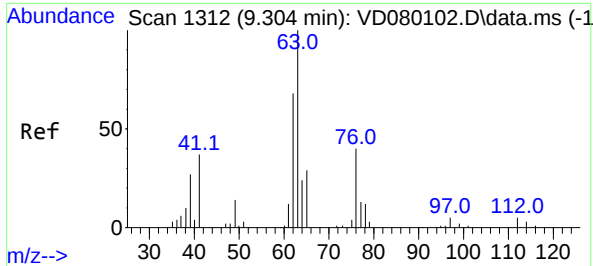
Tgt Ion: 95 Resp: 105603
Ion Ratio Lower Upper
95 100
97 66.1 47.7 88.5
132 99.6 72.8 135.2
130 107.2 72.0 133.6



#35
Methylcyclohexane
Concen: 25.000 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 83 Resp: 174799
Ion Ratio Lower Upper
83 100
55 76.8 61.2 91.8
98 46.8 38.2 57.2

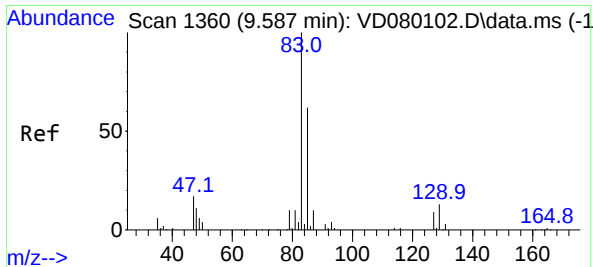
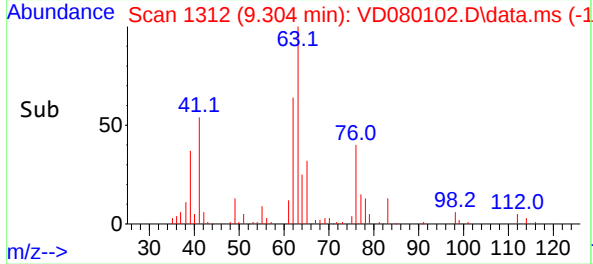
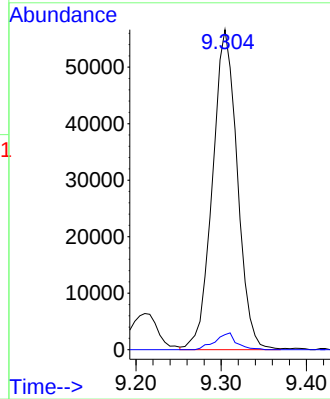
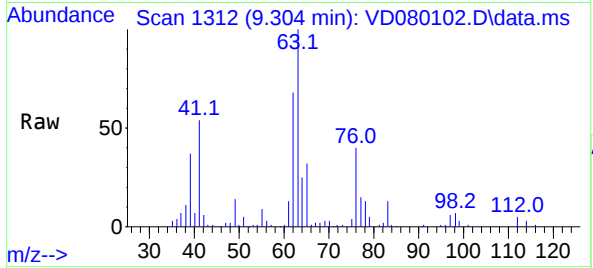




#37
1,2-Dichloropropane
Concen: 25.000 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

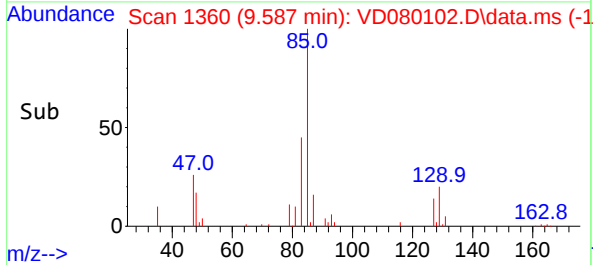
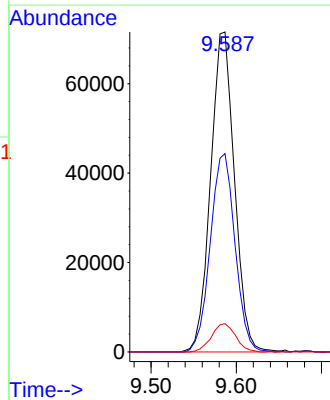
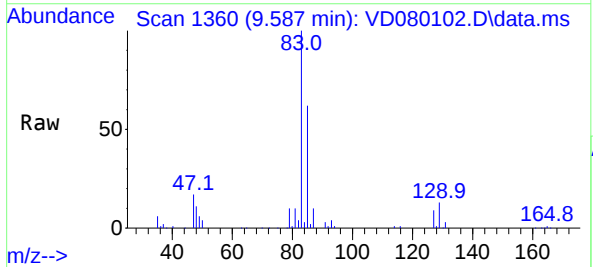
Instrument :
MSVOA_D
ClientSampleId :

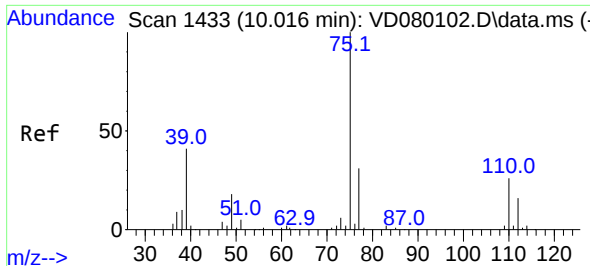
Tgt Ion: 63 Resp: 114781
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 25.000 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 83 Resp: 139552
Ion Ratio Lower Upper
83 100
85 62.0 46.0 85.4
127 8.9 6.7 10.1

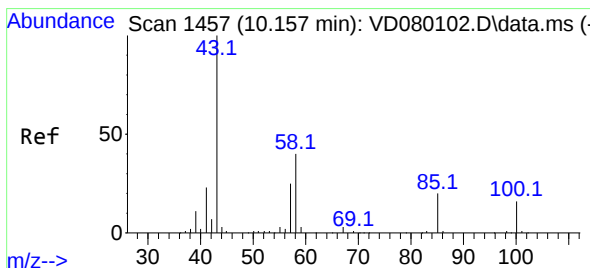
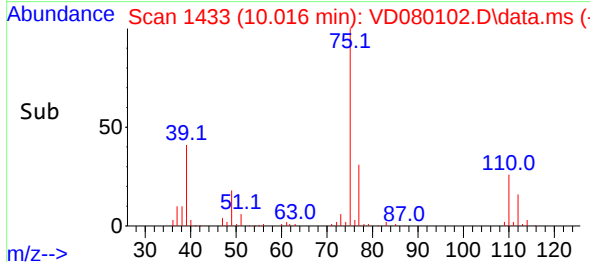
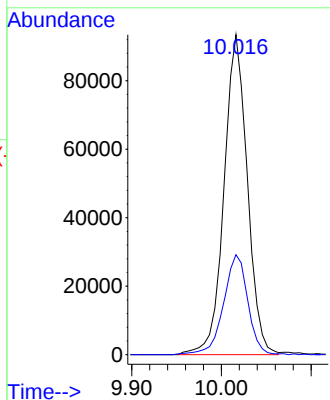
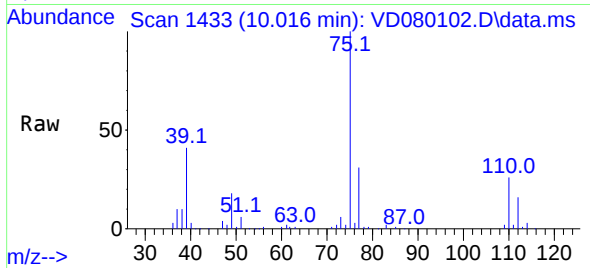




#39
 cis-1,3-Dichloropropene
 Concen: 25.000 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080102.D
 Acq: 05 Dec 2024 11:12

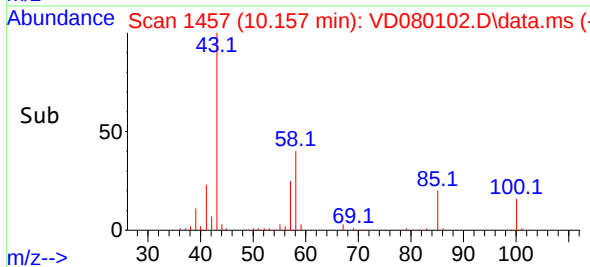
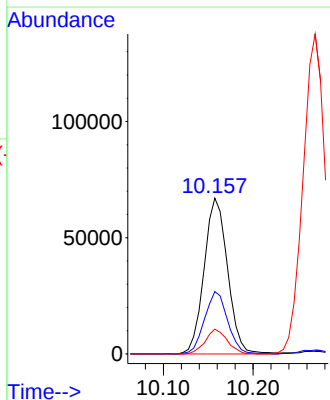
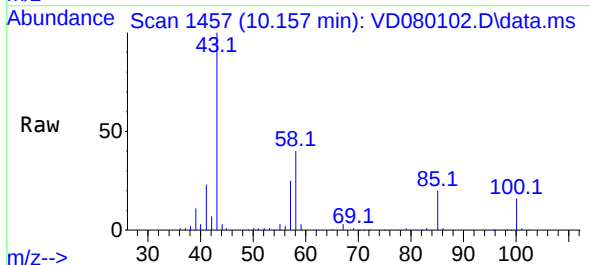
Instrument :
 MSVOA_D
 ClientSampleId :

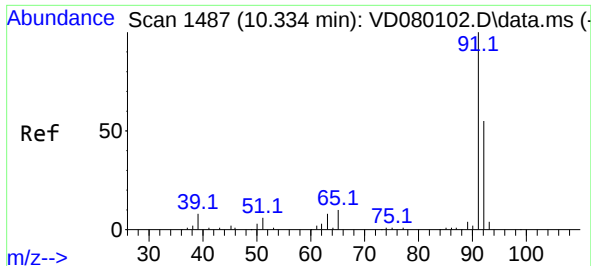
Tgt Ion: 75 Resp: 168510
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 50.000 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD080102.D
 Acq: 05 Dec 2024 11:12

Tgt Ion: 43 Resp: 122018
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.5 47.3
 100 14.8 12.7 19.1

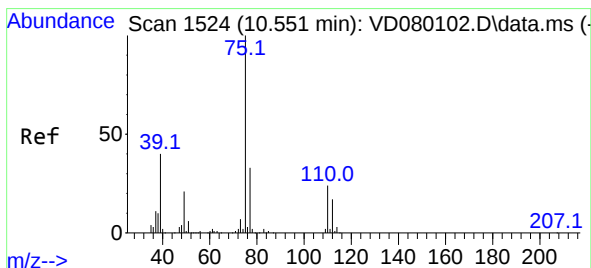
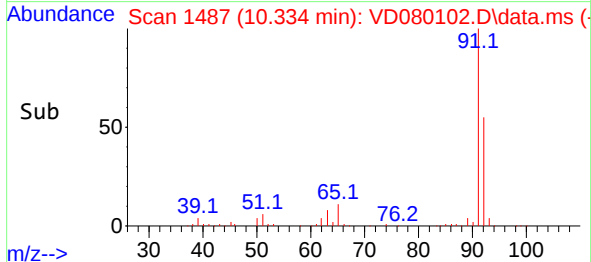
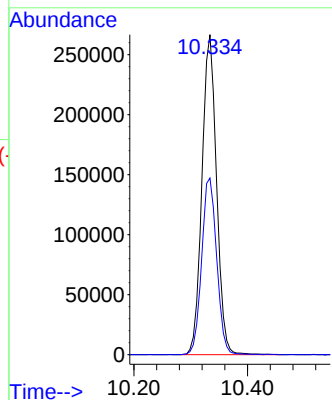
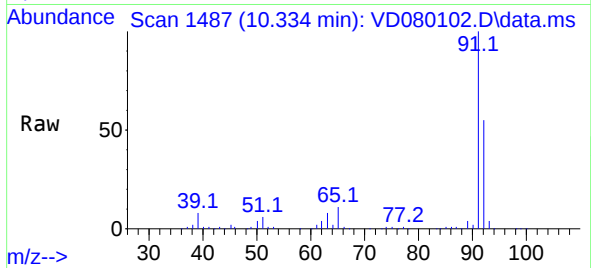




#42
Toluene
Concen: 25.000 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

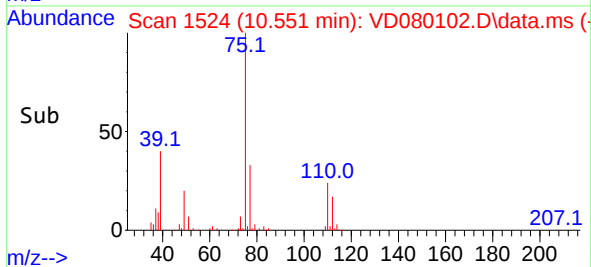
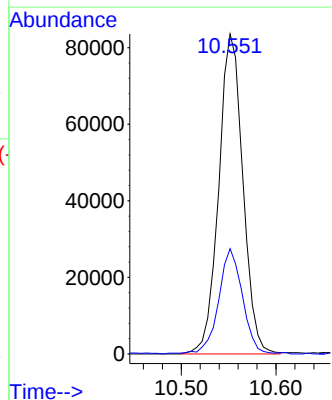
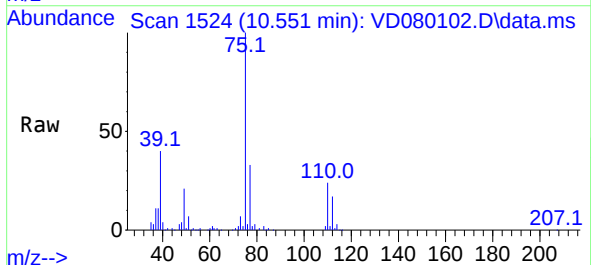
Instrument :
MSVOA_D
ClientSampleId :

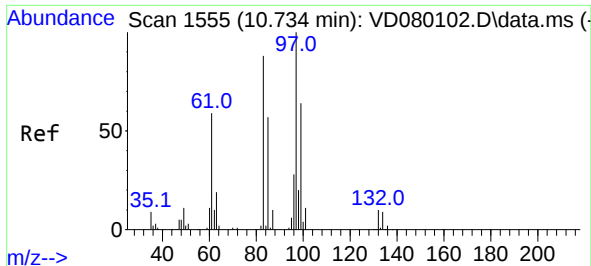
Tgt Ion: 91 Resp: 475091
Ion Ratio Lower Upper
91 100
92 55.2 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 25.000 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

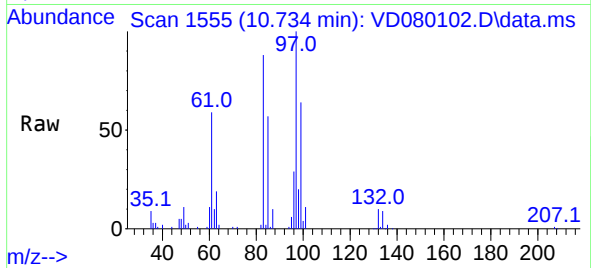
Tgt Ion: 75 Resp: 148041
Ion Ratio Lower Upper
75 100
77 32.9 21.0 39.0





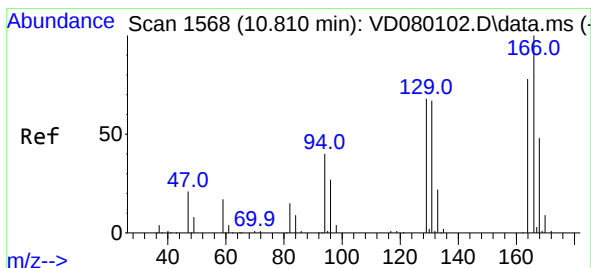
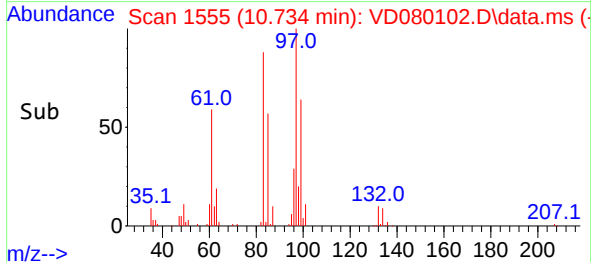
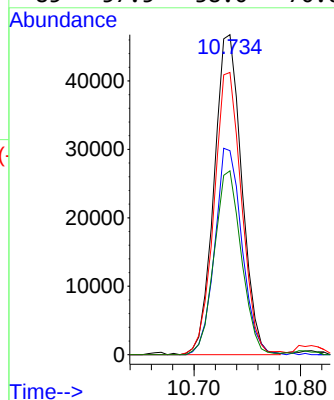
#45
1,1,2-Trichloroethane
Concen: 25.000 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 84341

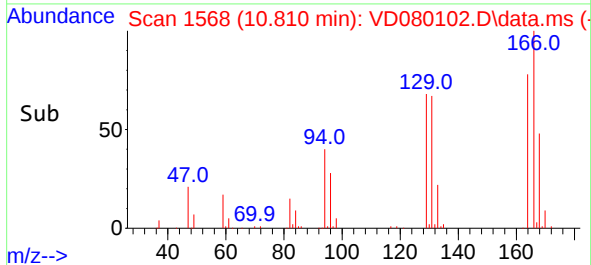
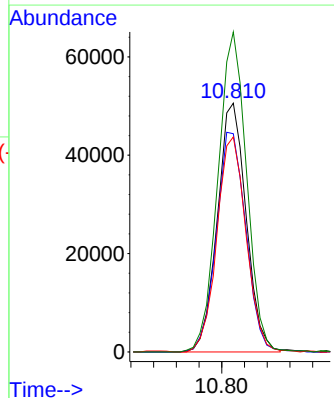
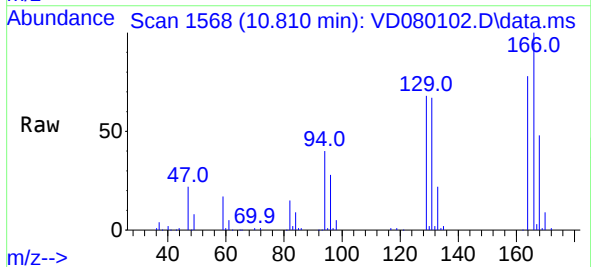
Ion	Ratio	Lower	Upper
97	100		
99	63.8	45.2	84.0
83	88.2	61.5	114.3
85	57.5	38.0	70.6

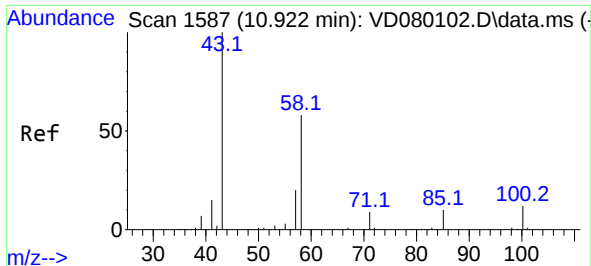


#46
Tetrachloroethene
Concen: 25.000 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 164 Resp: 88998

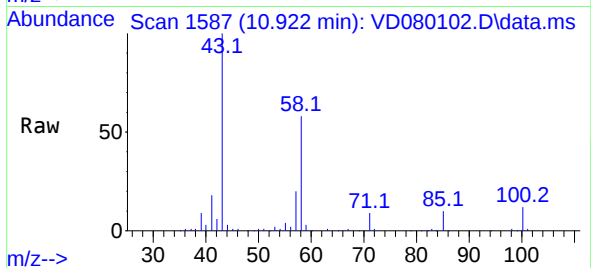
Ion	Ratio	Lower	Upper
164	100		
129	87.7	69.1	128.3
131	86.4	65.4	121.4
166	128.6	95.9	178.1



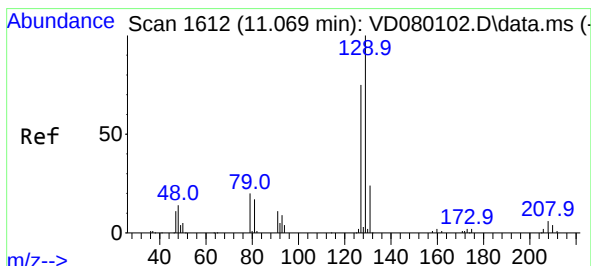
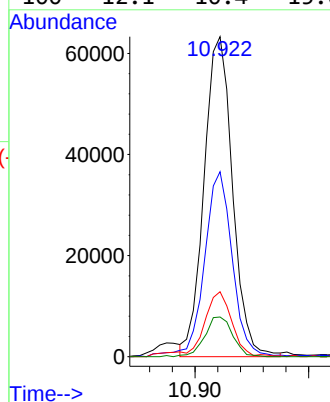
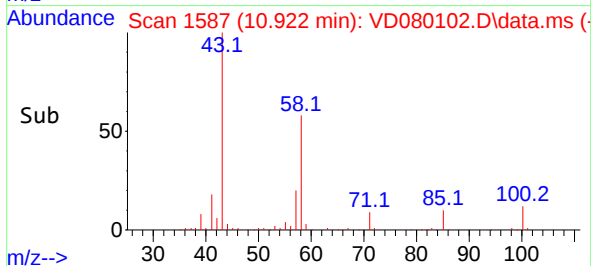


#48
2-Hexanone
Concen: 50.000 ug/L
RT: 10.922 min Scan# 110405
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

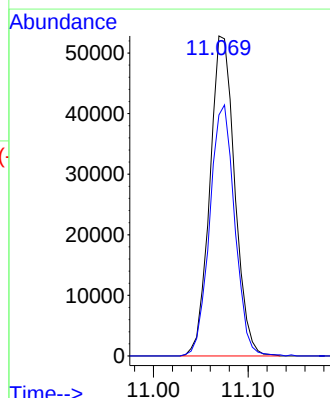
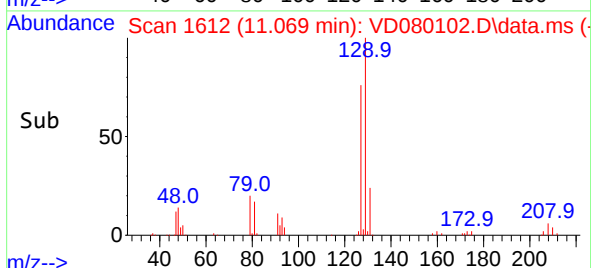
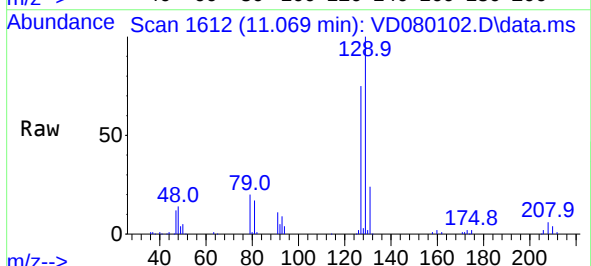


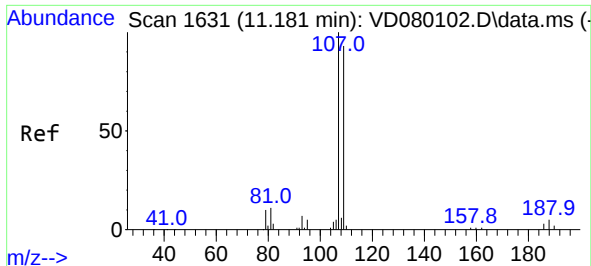
Tgt Ion: 43 Resp: 110405
Ion Ratio Lower Upper
43 100
58 56.6 45.9 68.9
57 18.6 15.2 22.8
100 12.1 10.4 15.6



#49
Dibromochloromethane
Concen: 25.000 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 129 Resp: 96373
Ion Ratio Lower Upper
129 100
127 75.3 54.9 102.1





#50

1,2-Dibromoethane

Concen: 25.000 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD080102.D

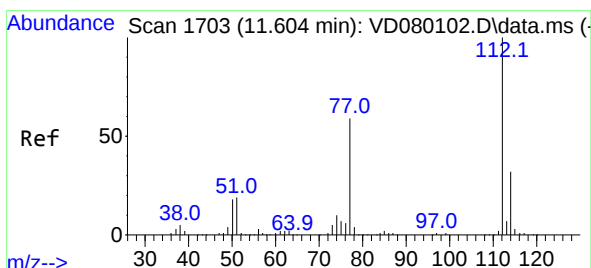
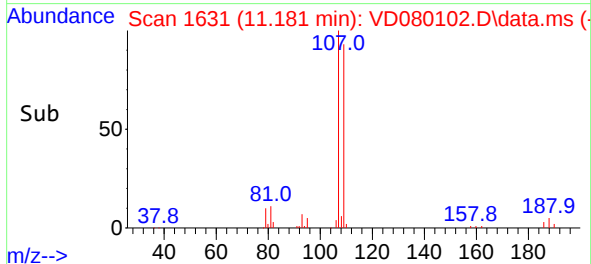
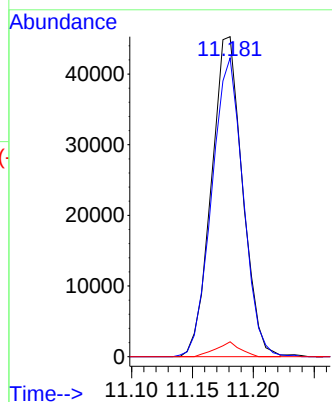
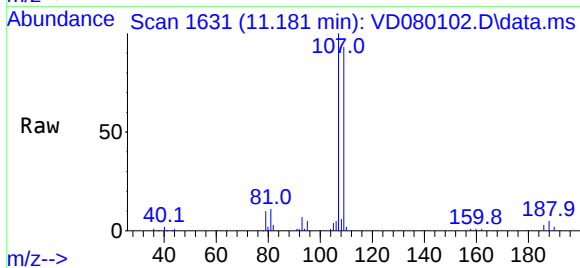
Acq: 05 Dec 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	80368
Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.6	123.8
188	4.6	2.8	4.2#



#51

Chlorobenzene

Concen: 25.000 ug/L

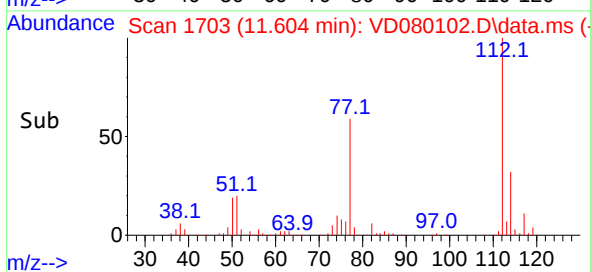
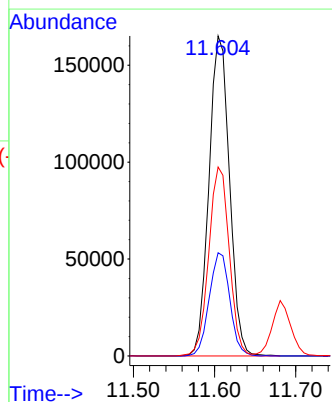
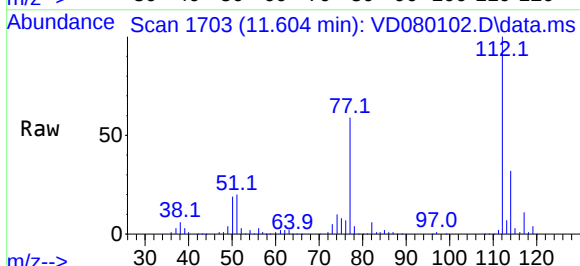
RT: 11.604 min Scan# 1703

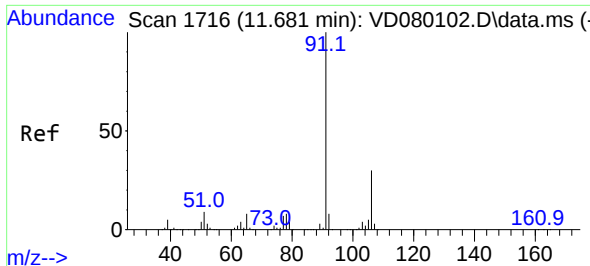
Delta R.T. 0.000 min

Lab File: VD080102.D

Acq: 05 Dec 2024 11:12

Tgt Ion:	112	Resp:	290030
Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.8	40.4
77	59.1	49.1	73.7

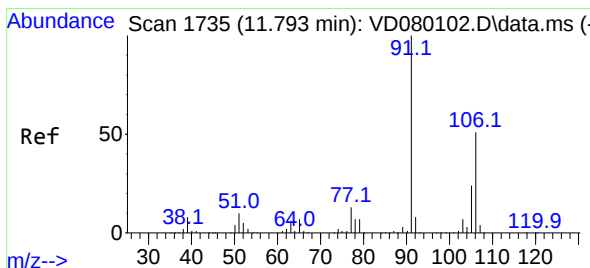
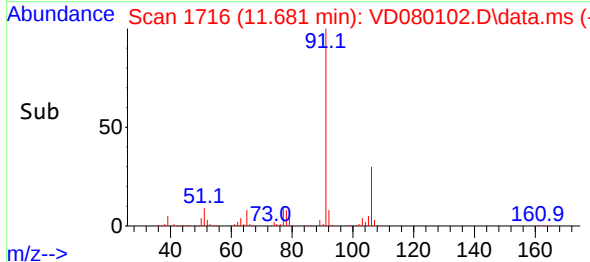
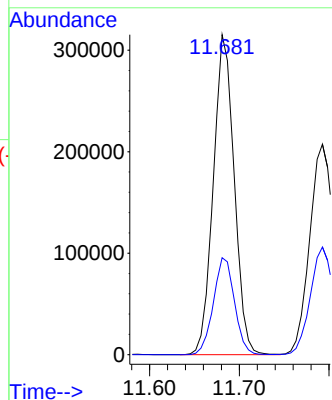
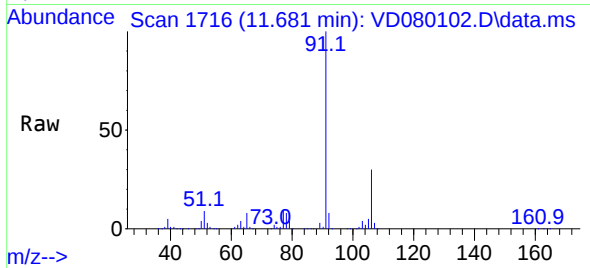




#52
Ethylbenzene
Concen: 25.000 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

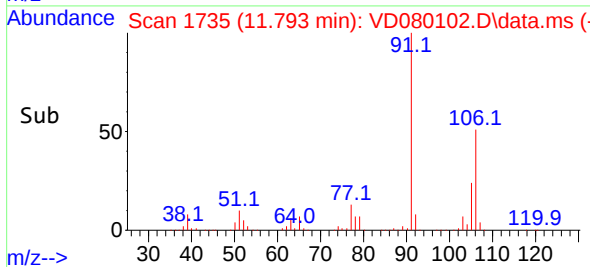
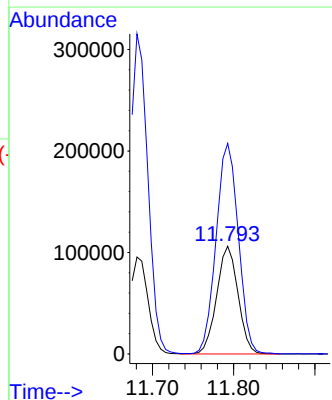
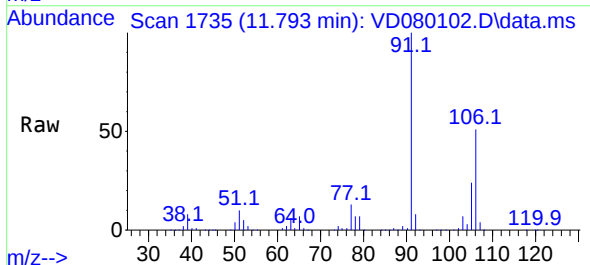
Instrument :
MSVOA_D
ClientSampleId :

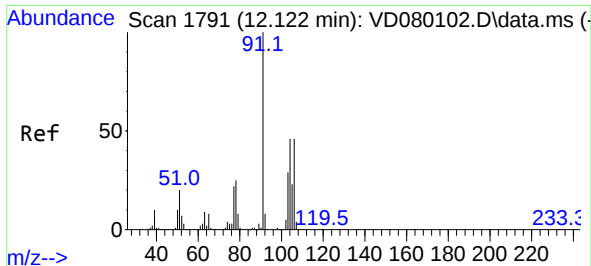
Tgt Ion: 91 Resp: 509398
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 25.000 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion:106 Resp: 194115
Ion Ratio Lower Upper
106 100
91 195.4 149.3 277.3

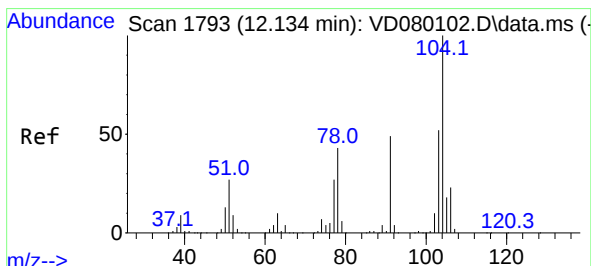
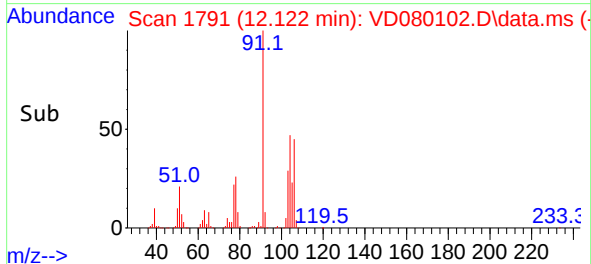
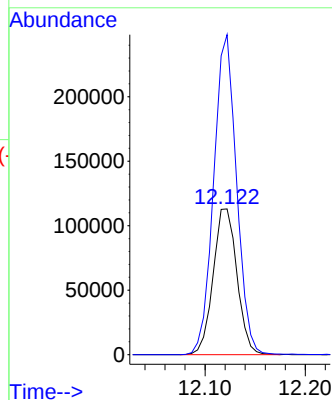
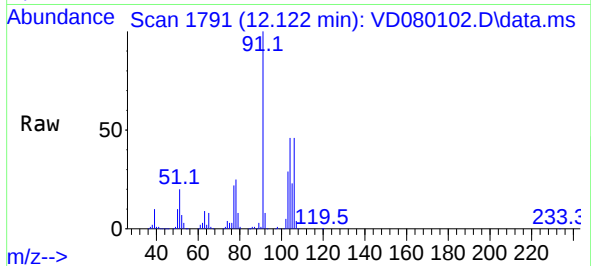




#54
o-Xylene
Concen: 25.000 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

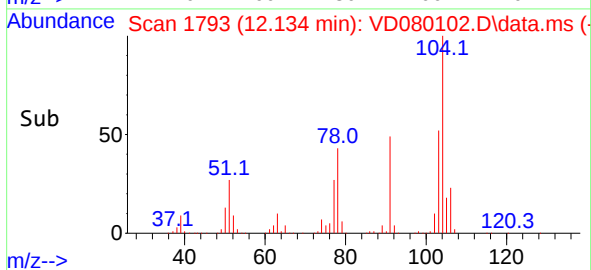
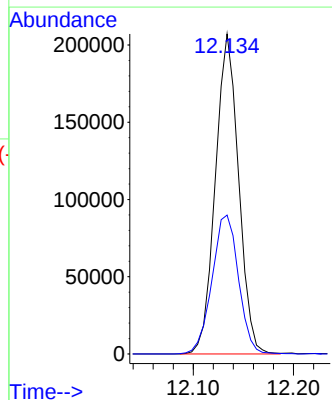
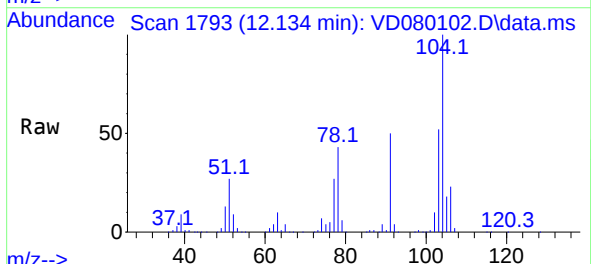
Instrument :
MSVOA_D
ClientSampleId :

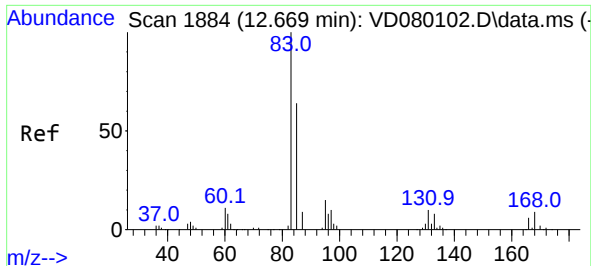
Tgt Ion:106 Resp: 186490
Ion Ratio Lower Upper
106 100
91 219.6 148.0 274.8



#55
Styrene
Concen: 25.000 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion:104 Resp: 333263
Ion Ratio Lower Upper
104 100
78 43.4 31.6 58.6

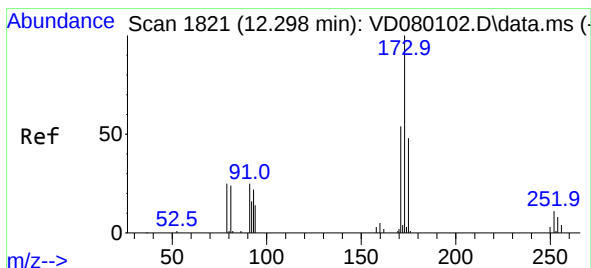
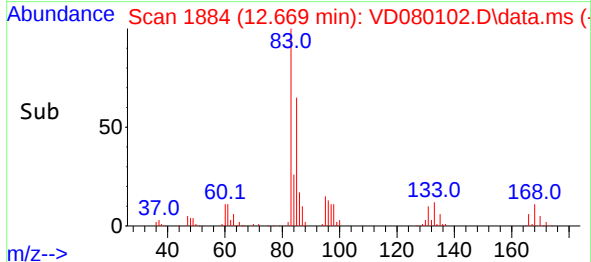
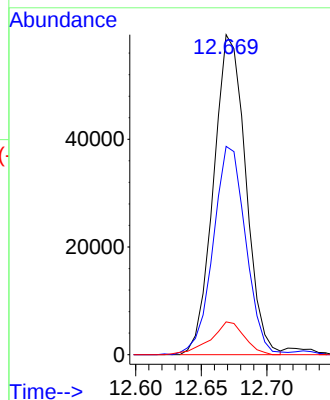
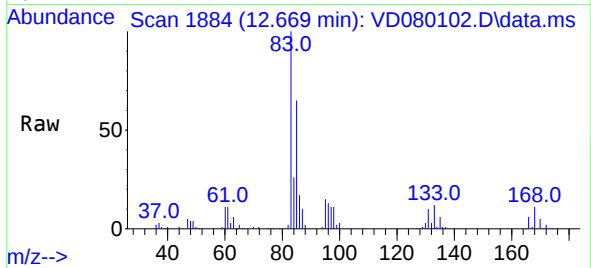




#57
1,1,2,2-Tetrachloroethane
Concen: 25.000 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

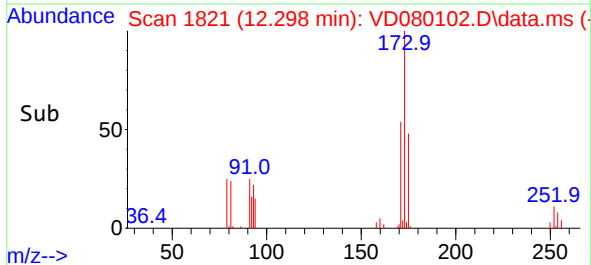
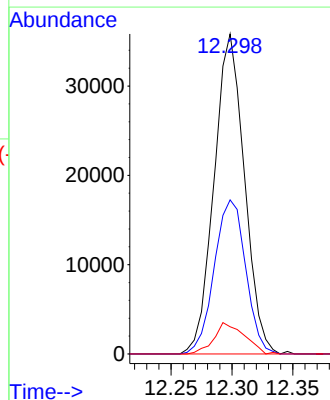
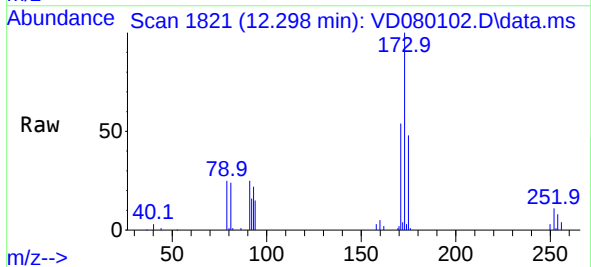
Instrument :
MSVOA_D
ClientSampleId :

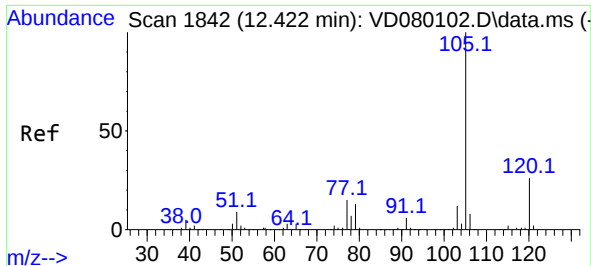
Tgt Ion: 83 Resp: 101112
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.4
131 10.3 8.6 13.0



#59
Bromoform
Concen: 25.000 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 173 Resp: 62073
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.6
254 9.8 8.3 12.5

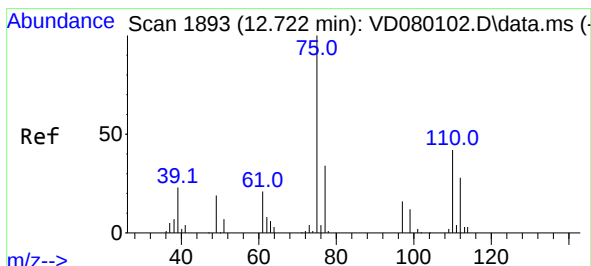
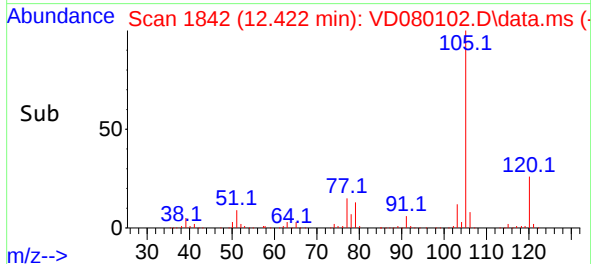
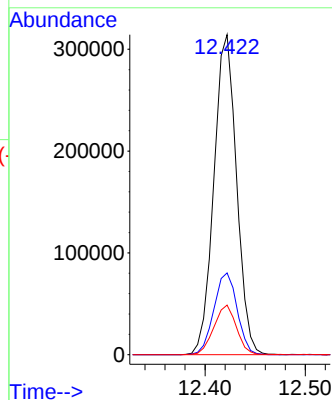
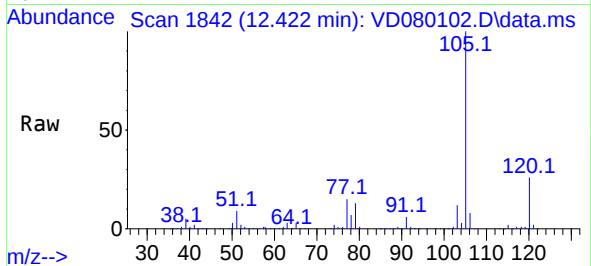




#60
Isopropylbenzene
Concen: 25.000 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

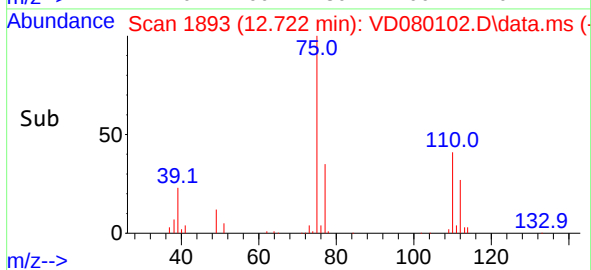
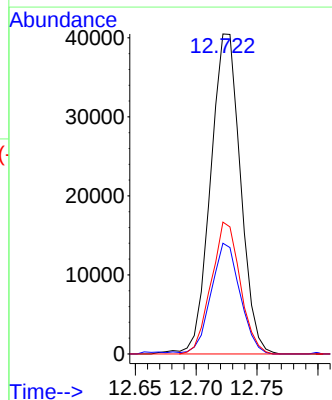
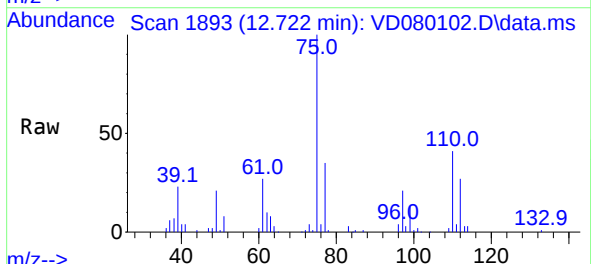
Instrument :
MSVOA_D
ClientSampleId :

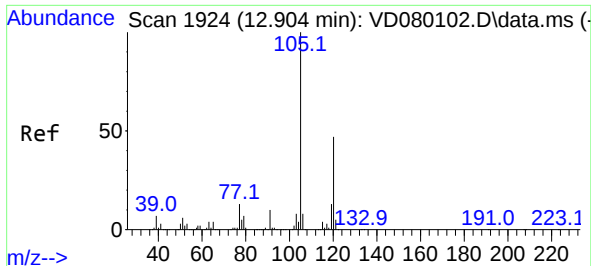
Tgt Ion:105 Resp: 492984
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 25.000 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion: 75 Resp: 68889
Ion Ratio Lower Upper
75 100
77 33.8 26.3 39.5
110 40.0 30.2 45.2

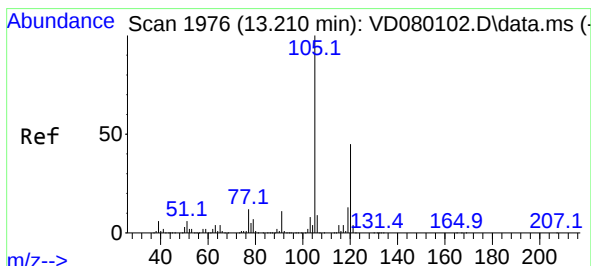
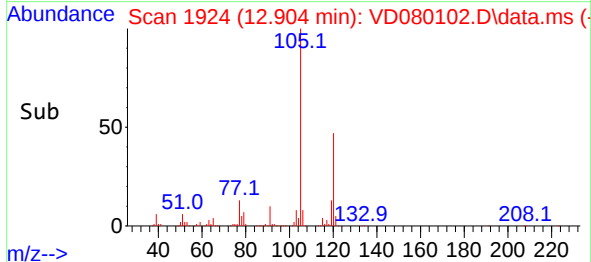
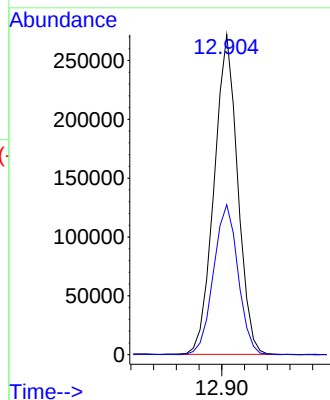
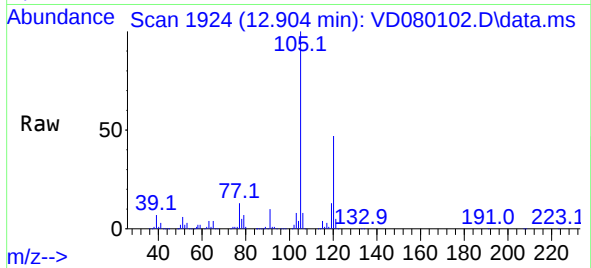




#62
1,3,5-Trimethylbenzene
Concen: 25.000 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

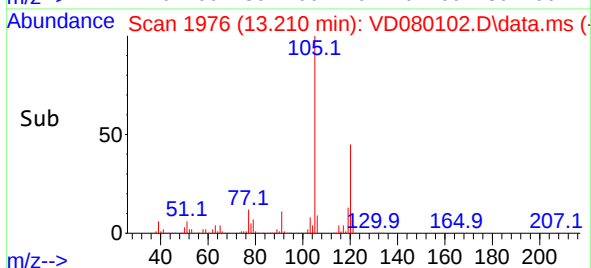
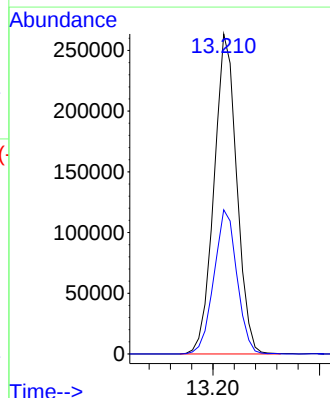
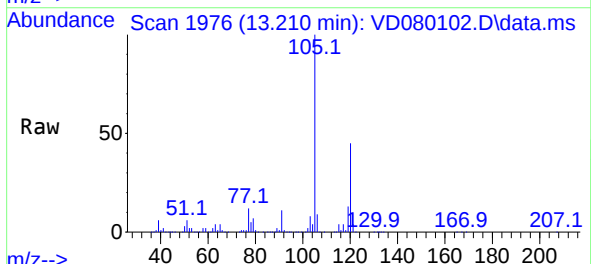
Instrument :
MSVOA_D
ClientSampleId :

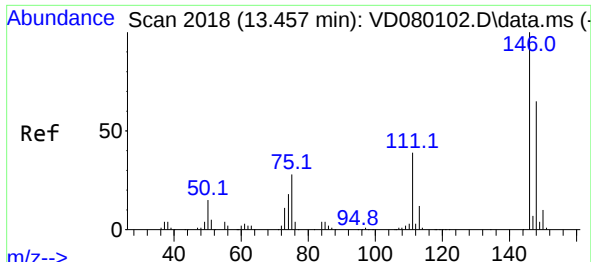
Tgt Ion:105 Resp: 391696
Ion Ratio Lower Upper
105 100
120 48.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 25.000 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion:105 Resp: 389713
Ion Ratio Lower Upper
105 100
120 45.6 36.8 55.2

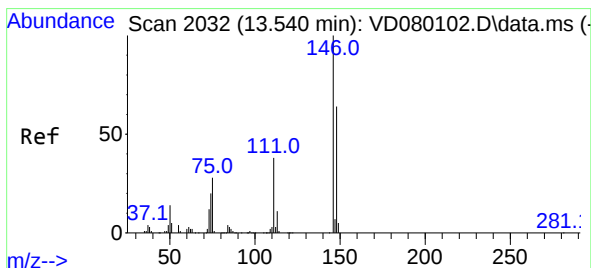
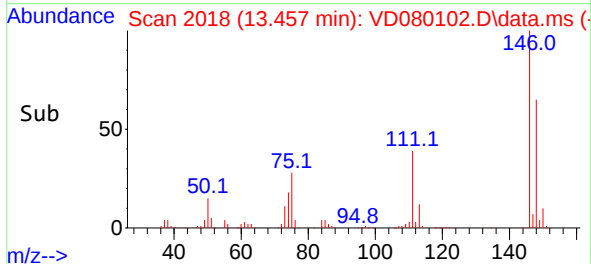
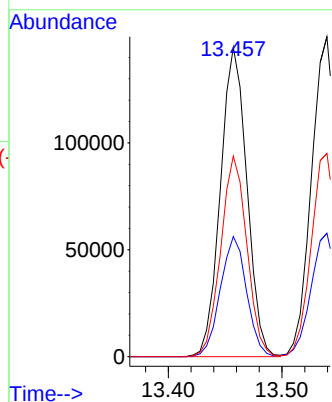
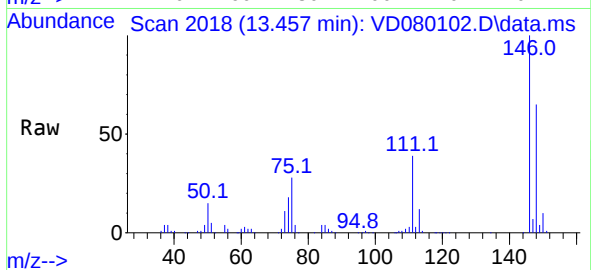




#64
1,3-Dichlorobenzene
Concen: 25.000 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

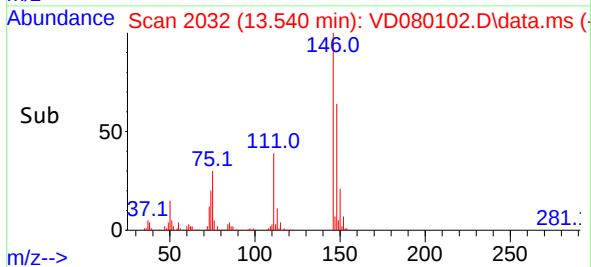
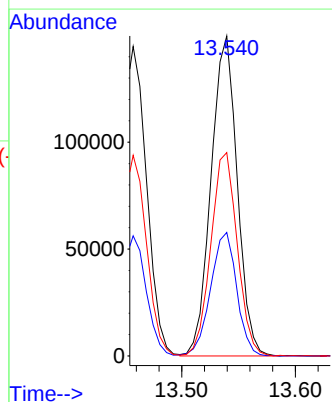
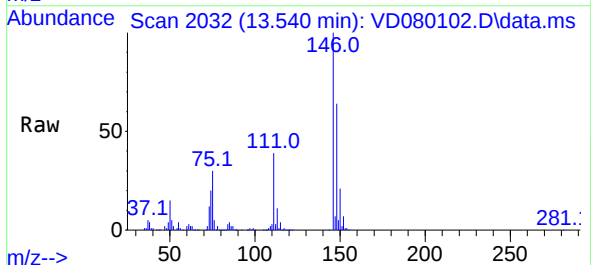
Instrument :
MSVOA_D
ClientSampleId :

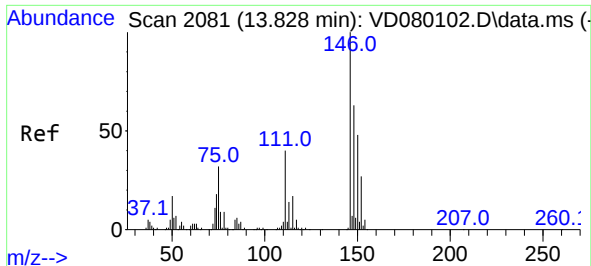
Tgt Ion:146 Resp: 234430
Ion Ratio Lower Upper
146 100
111 38.8 28.2 52.4
148 64.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 25.000 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion:146 Resp: 239548
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 63.5 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 25.000 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080102.D

Acq: 05 Dec 2024 11:12

Instrument :

MSVOA_D

ClientSampleId :

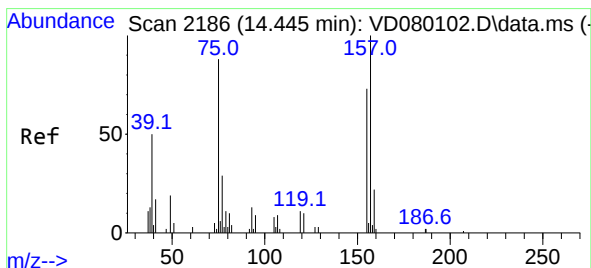
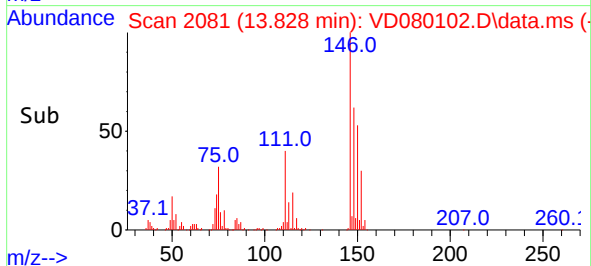
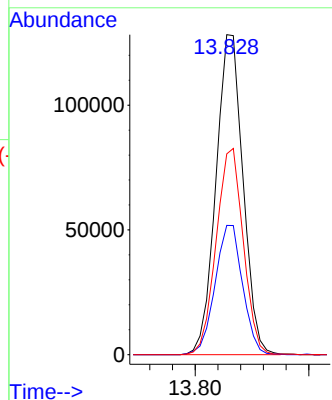
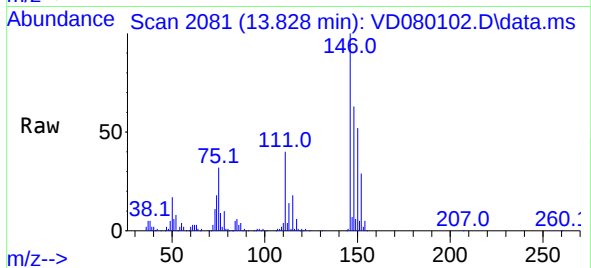
Tgt Ion:146 Resp: 212595

Ion Ratio Lower Upper

146 100

111 40.4 33.0 49.6

148 62.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.000 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD080102.D

Acq: 05 Dec 2024 11:12

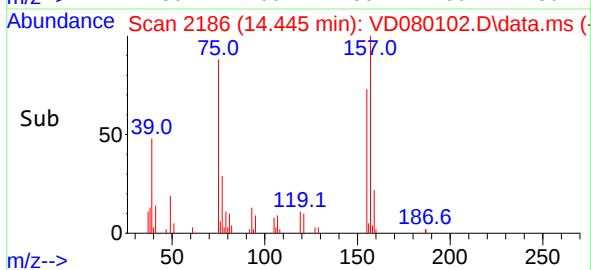
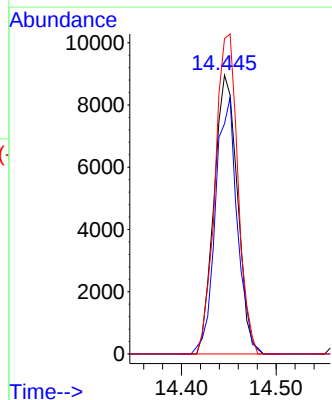
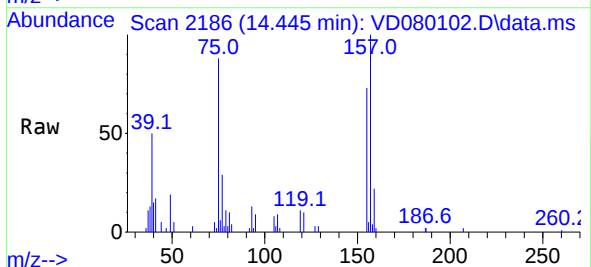
Tgt Ion: 75 Resp: 15317

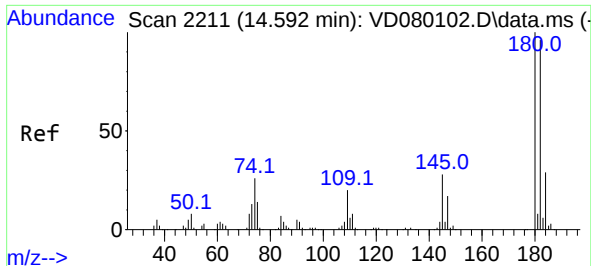
Ion Ratio Lower Upper

75 100

155 82.6 68.7 103.1

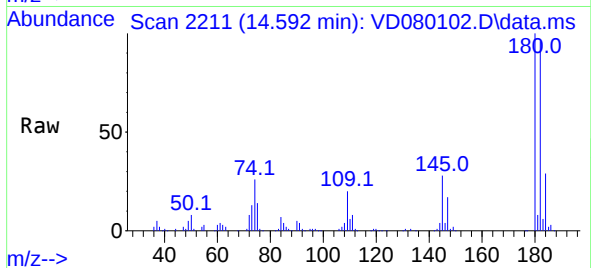
157 113.1 79.4 119.2



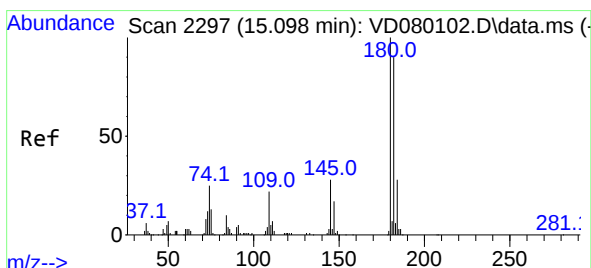
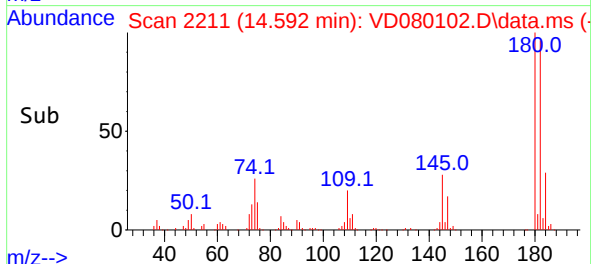
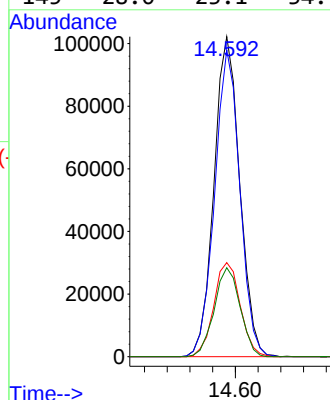


#69
 1,3,5-Trichlorobenzene
 Concen: 25.000 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD080102.D
 Acq: 05 Dec 2024 11:12

Instrument :
 MSVOA_D
 ClientSampleId :

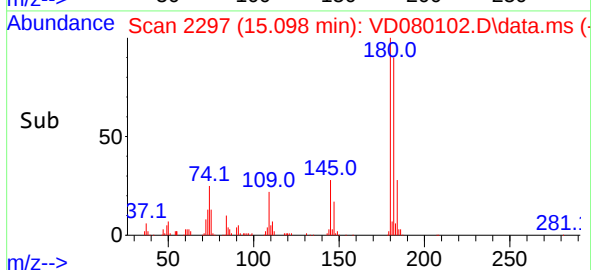
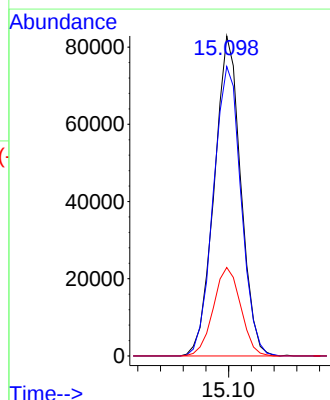
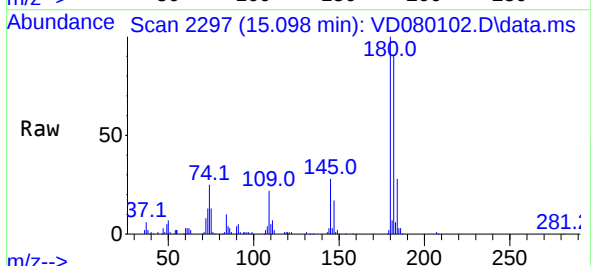


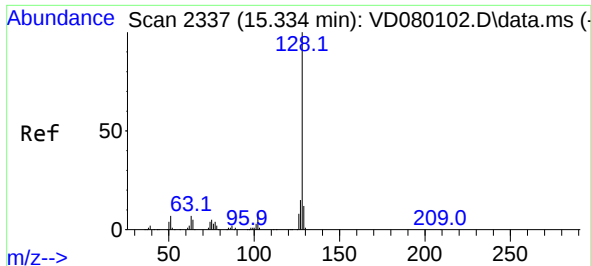
Tgt Ion:180 Resp: 160764
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.8 113.6
 184 30.2 24.6 36.8
 145 28.0 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.000 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD080102.D
 Acq: 05 Dec 2024 11:12

Tgt Ion:180 Resp: 133898
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.9 113.9
 145 28.5 23.0 34.4

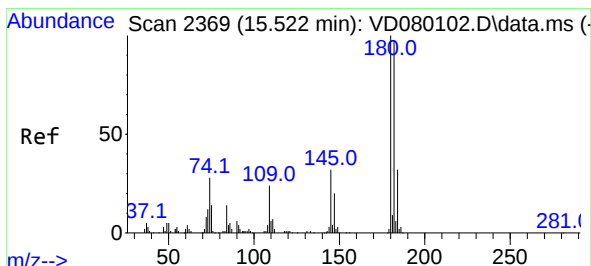
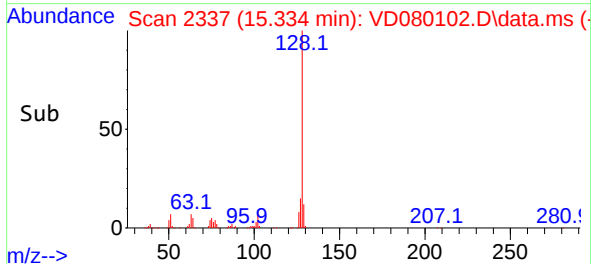
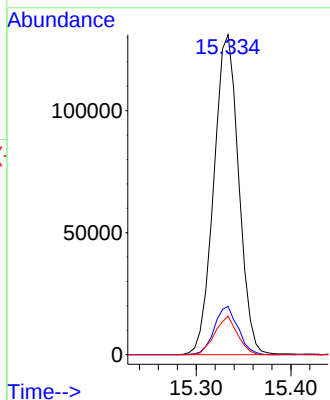
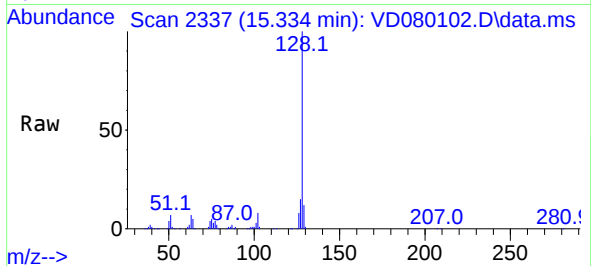




#71
Naphthalene
Concen: 25.000 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 239383
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.000 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080102.D
Acq: 05 Dec 2024 11:12

Tgt Ion:180 Resp: 121851
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 30.9 24.9 37.3

