

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024424.D
 Acq On : 21 Jan 2022 14:17
 Operator : SY/MD
 Sample : VSTD20079
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200279

Quant Time: Jan 24 02:15:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	106602	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	107532	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	176504	251.769	ug/L	0.00
7) Chloroethane-d5	1.571	69	98890	245.098	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	262267	233.605	ug/L	0.00
21) 2-Butanone-d5	3.889	46	111904	351.922	ug/L	0.00
24) Chloroform-d	4.346	84	283454	199.730	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	221644	211.751	ug/L	0.00
32) Benzene-d6	5.050	84	458755	177.663	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	89698	155.671	ug/L	0.00
41) Toluene-d8	7.313	98	524594	194.706	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	90985	206.828	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	99081	399.361	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	185212	218.237	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	357960	195.846	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	287554	240.462	ug/L	97
3) Chloromethane	1.243	50	171716	237.015	ug/L	99
5) Vinyl chloride	1.314	62	203742	241.235	ug/L	99
6) Bromomethane	1.526	94	108387	236.202	ug/L	96
8) Chloroethane	1.587	64	82180	225.378	ug/L	97
9) Trichlorofluoromethane	1.754	101	384561	236.870	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	132377	228.381	ug/L	97
12) 1,1-Dichloroethene	2.121	96	127539	226.028	ug/L	90
13) Acetone	2.117	43	2082	5.284	ug/L	83
14) Carbon disulfide	2.294	76	296686	183.179	ug/L	99
15) Methyl Acetate	2.436	43	72358	172.800	ug/L #	89
16) Methylene chloride	2.506	84	113906	175.796	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	123632	187.662	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	441646	197.570	ug/L	94
19) 1,1-Dichloroethane	3.188	63	170449	164.072	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	133720	177.553	ug/L	98
23) Bromochloromethane	4.246	128	81316	186.600	ug/L	93
25) Chloroform	4.375	83	258062	183.173	ug/L	98
27) 1,2-Dichloroethane	5.127	62	252822	203.160	ug/L	97
29) Cyclohexane	4.680	56	127115	146.490	ug/L	82
30) 1,1,1-Trichloroethane	4.609	97	306870	185.630	ug/L	98
31) Carbon tetrachloride	4.828	117	312750	193.192	ug/L	96
33) Benzene	5.098	78	448493	164.100	ug/L	100
34) Trichloroethene	5.912	95	144155	169.815	ug/L	99
35) Methylcyclohexane	6.130	83	206692	172.944	ug/L	95
37) 1,2-Dichloropropane	6.172	63	79022	156.112	ug/L #	95
38) Bromodichloromethane	6.506	83	204503	184.452	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	196595	182.282	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	229160	340.696	ug/L	95
42) Toluene	7.387	91	603908	177.918	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	230652	190.581	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	119102	174.139	ug/L	97

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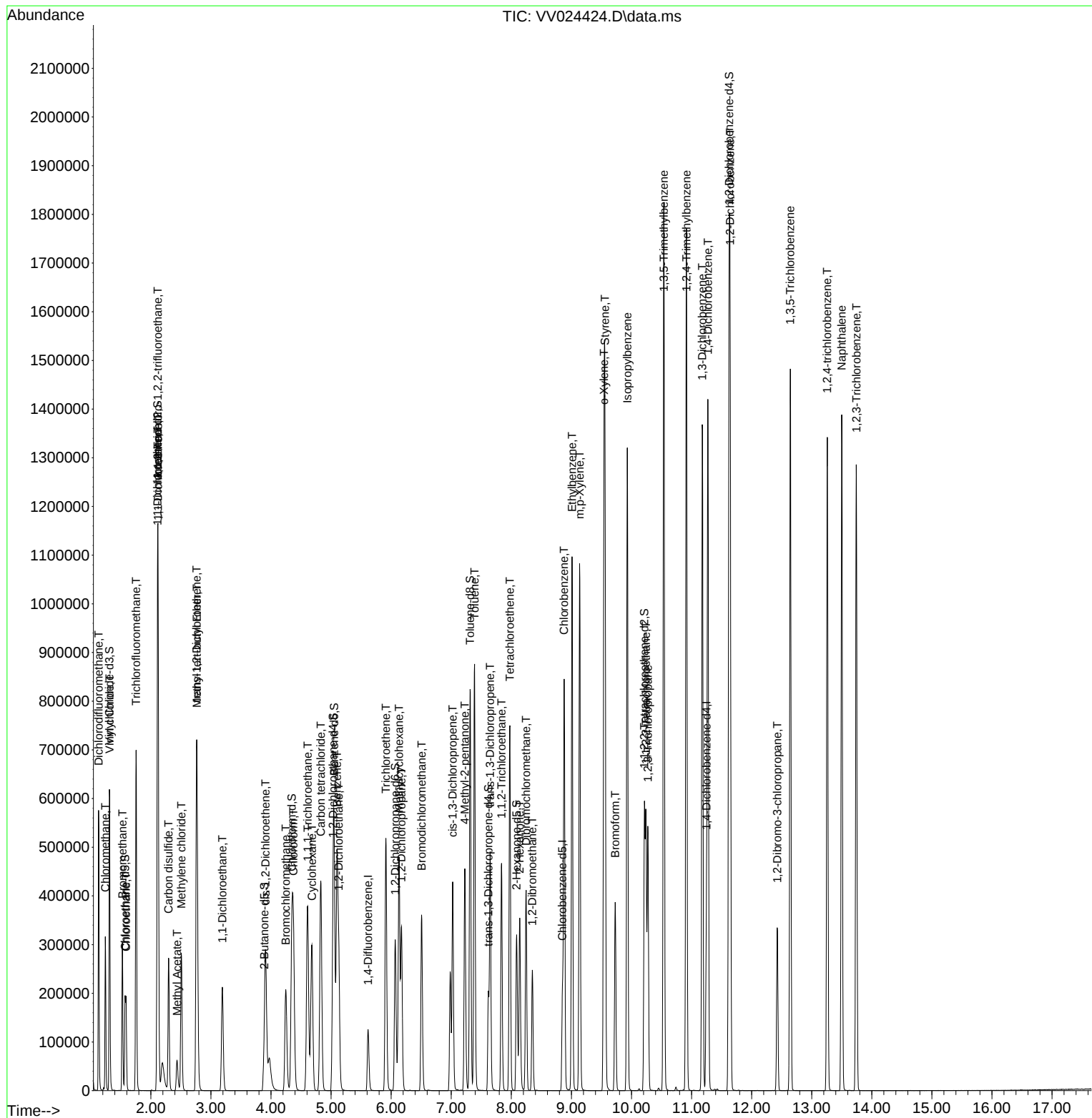
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.976	164	161540	187.891	ug/L	97
48) 2-Hexanone	8.140	43	189230	353.086	ug/L	95
49) Dibromochloromethane	8.246	129	191631	198.622	ug/L	97
50) 1,2-Dibromoethane	8.349	107	130883	178.041	ug/L #	98
51) Chlorobenzene	8.879	112	434254	186.067	ug/L	96
52) Ethylbenzene	9.011	91	691980	187.900	ug/L	99
53) m,p-Xylene	9.136	106	295014	190.570	ug/L	97
54) o-Xylene	9.542	106	288438	193.377	ug/L	99
55) Styrene	9.558	104	501984	197.631	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	180150	212.491	ug/L	97
59) Bromoform	9.728	173	161516	163.134	ug/L	99
60) Isopropylbenzene	9.931	105	802081	151.569	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	174447	161.166	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	931492	188.427	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	934110	189.642	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	551273	185.099	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	556071	186.308	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	538555	186.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	76998	217.748	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	458769	191.491	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	405390	190.642	ug/L	99
71) Naphthalene	13.500	128	1052074	192.636	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	387096	191.048	ug/L	99

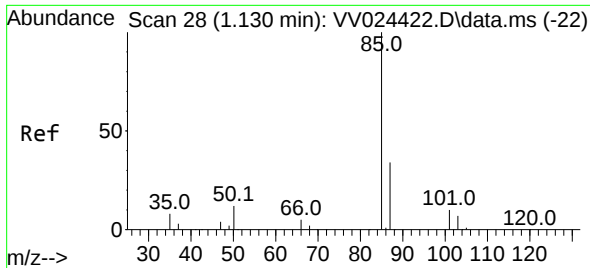
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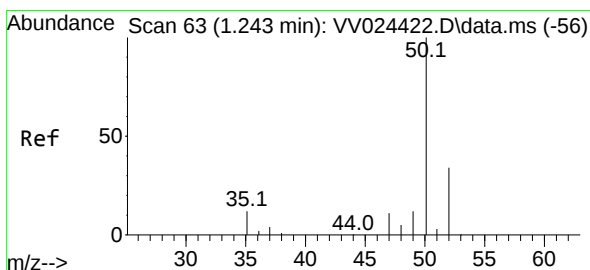
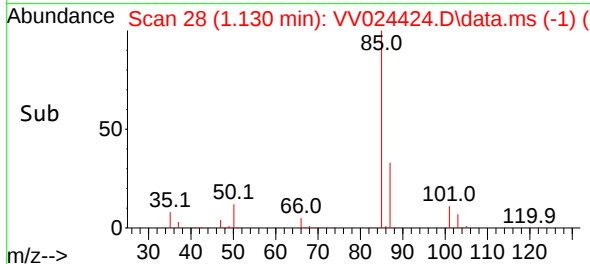
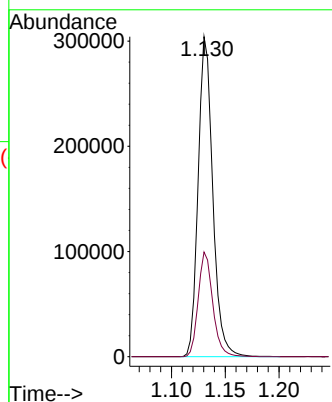
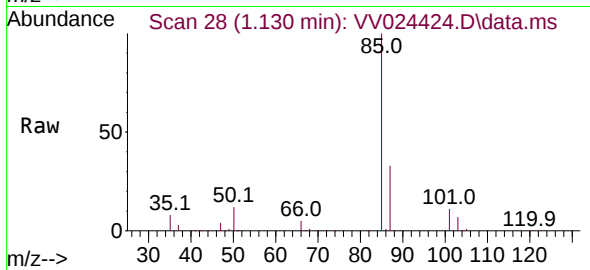




#2
 Dichlorodifluoromethane
 Concen: 240.462 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

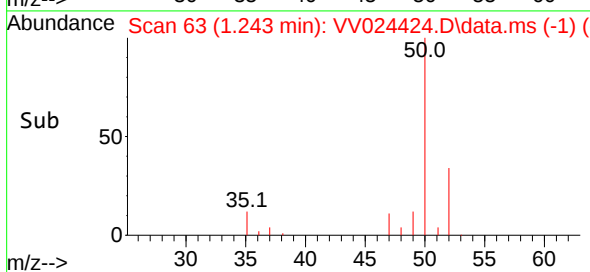
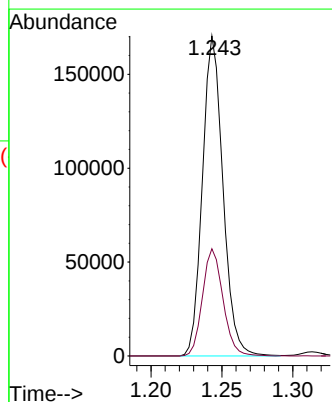
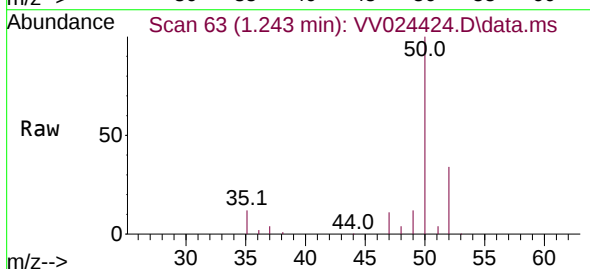
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200279

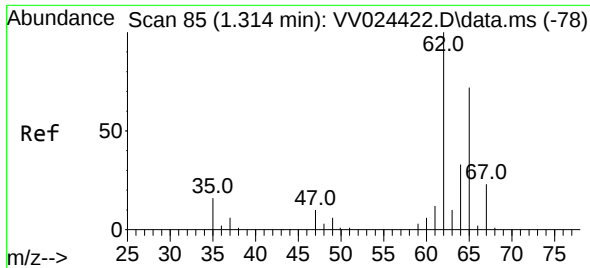
Tgt Ion: 85 Resp: 287554
 Ion Ratio Lower Upper
 85 100
 87 32.5 27.6 41.4



#3
 Chloromethane
 Concen: 237.015 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

Tgt Ion: 50 Resp: 171716
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.9 44.5

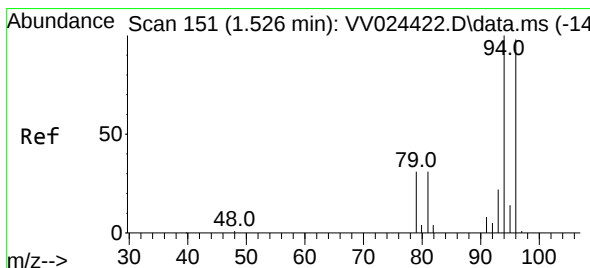
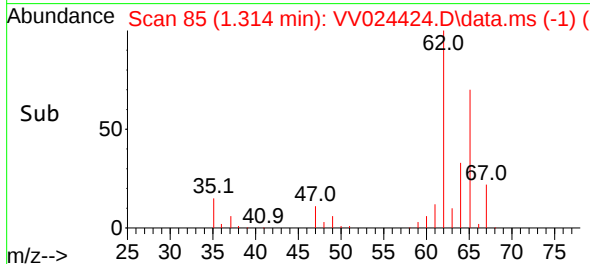
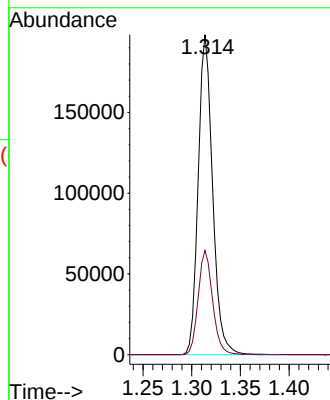
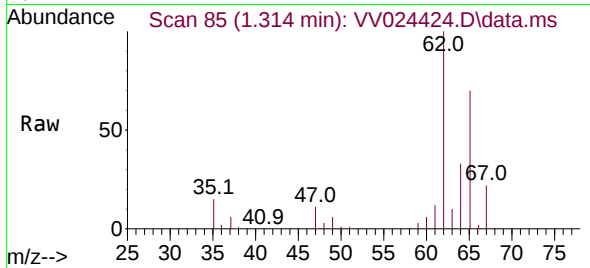




#5
 Vinyl chloride
 Concen: 241.235 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

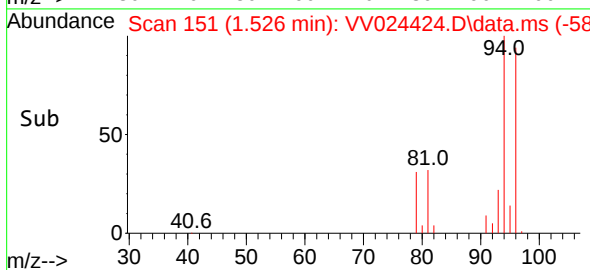
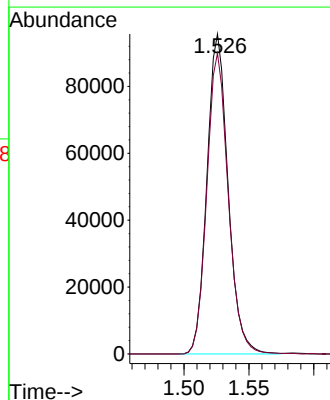
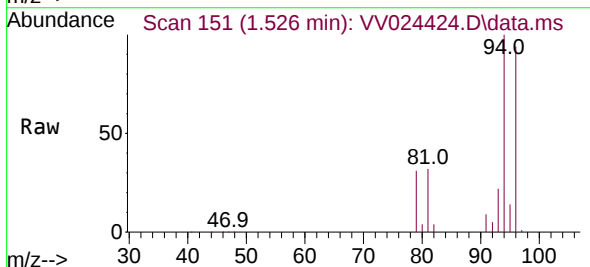
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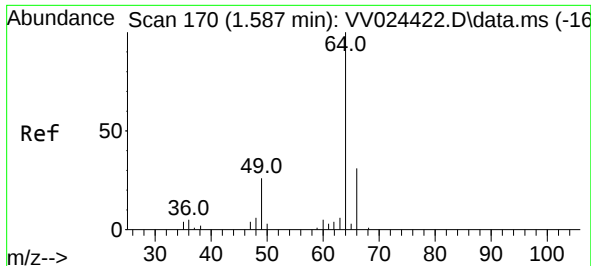
Tgt Ion: 62 Resp: 203742
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.3 43.3



#6
 Bromomethane
 Concen: 236.202 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

Tgt Ion: 94 Resp: 108387
 Ion Ratio Lower Upper
 94 100
 96 94.0 68.3 126.9

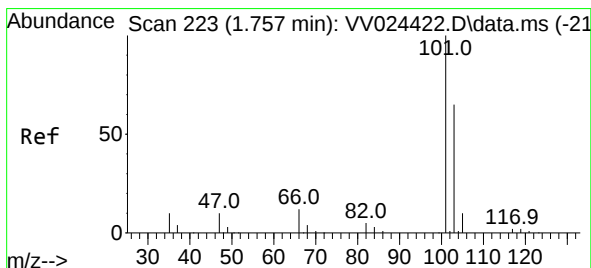
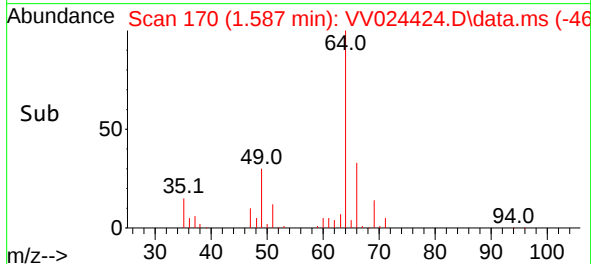
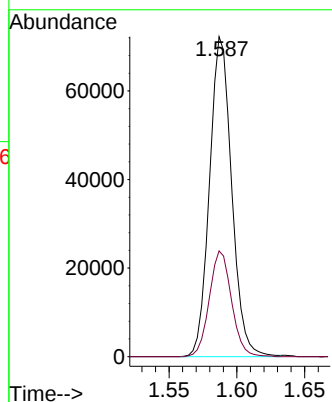
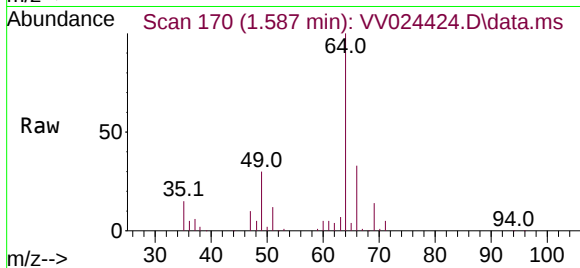




#8
Chloroethane
Concen: 225.378 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

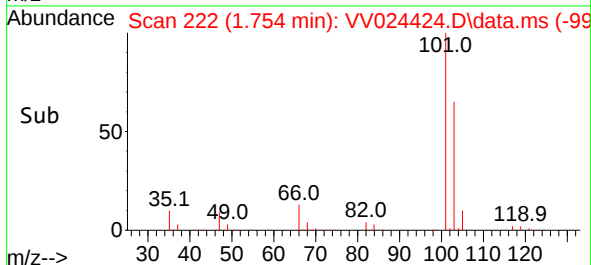
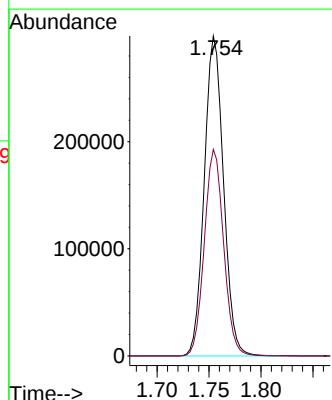
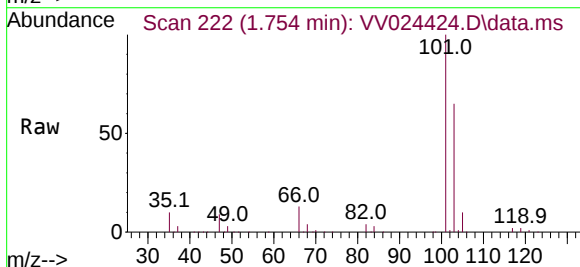
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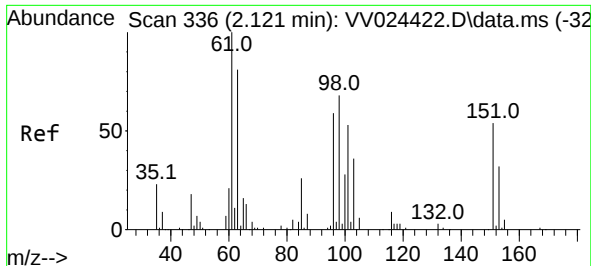
Tgt Ion: 64 Resp: 82180
Ion Ratio Lower Upper
64 100
66 33.1 21.9 40.7



#9
Trichlorofluoromethane
Concen: 236.870 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion:101 Resp: 384561
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





#10

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

Concen: 228.381 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD200279

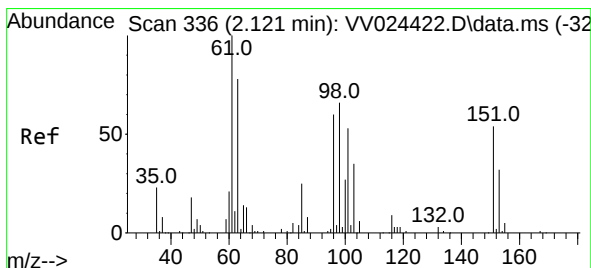
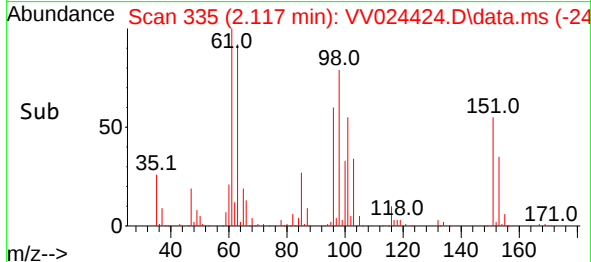
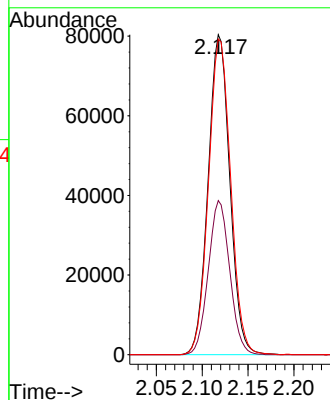
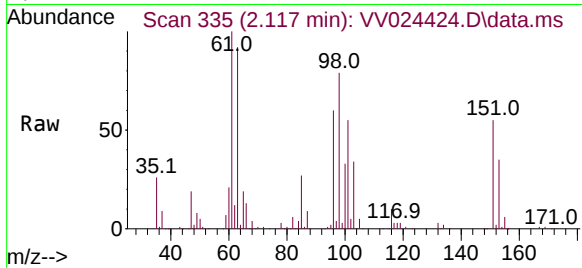
Tgt Ion:101 Resp: 132377

Ion Ratio Lower Upper

101 100

85 47.5 38.6 58.0

151 100.7 77.8 116.6



#12

1,1-Dichloroethene

Concen: 226.028 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

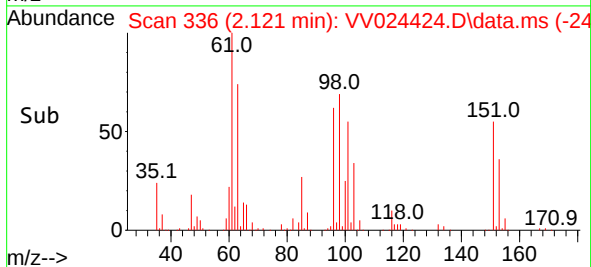
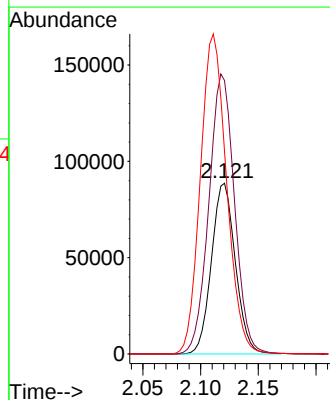
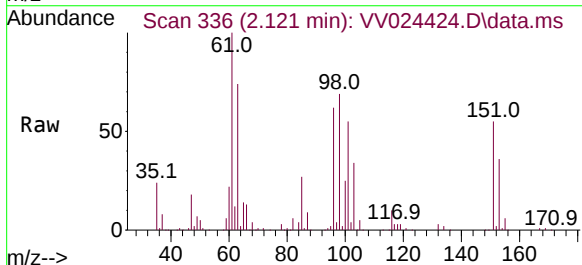
Tgt Ion: 96 Resp: 127539

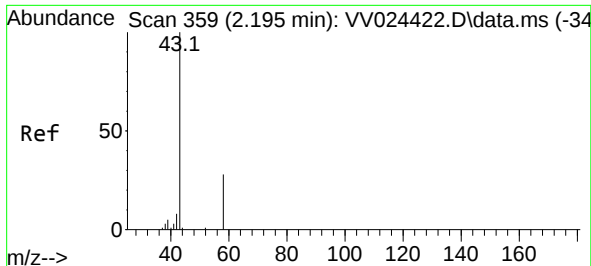
Ion Ratio Lower Upper

96 100

61 160.1 117.8 218.8

63 118.7 96.4 179.0





#13

Acetone

Concen: 5.284 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.077 min

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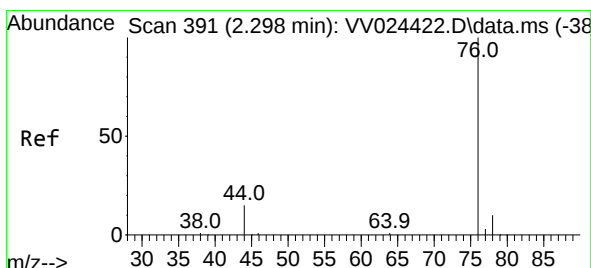
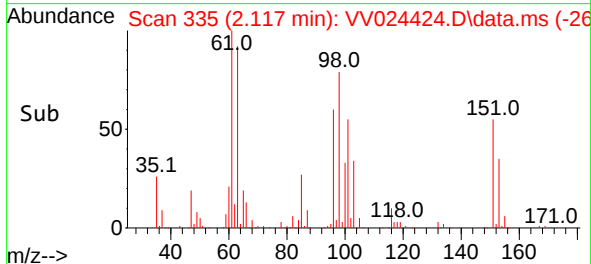
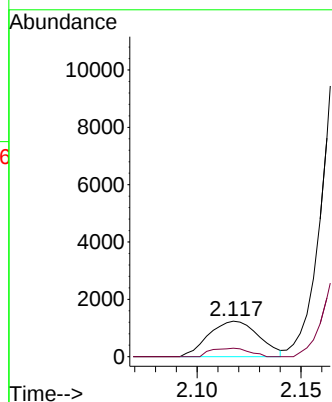
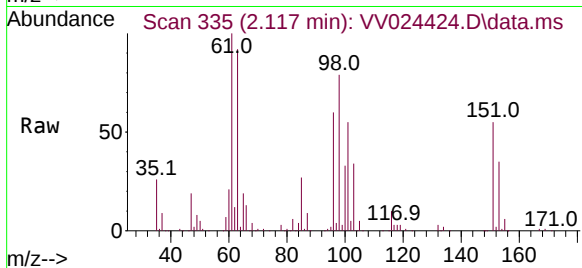
VSTD200279

Tgt Ion: 43 Resp: 2082

Ion Ratio Lower Upper

43 100

58 18.2 0.0 23.4



#14

Carbon disulfide

Concen: 183.179 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024424.D

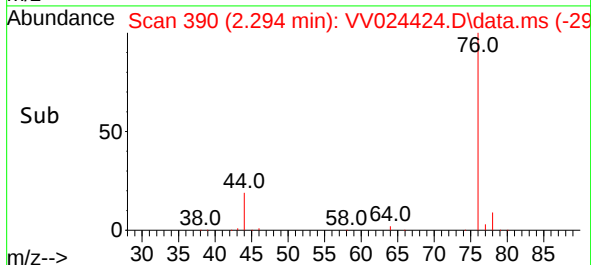
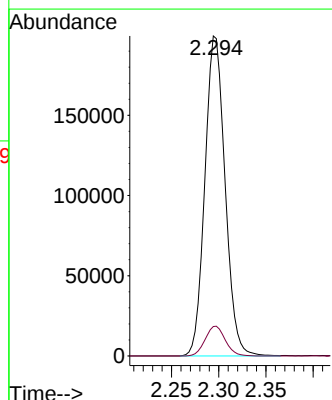
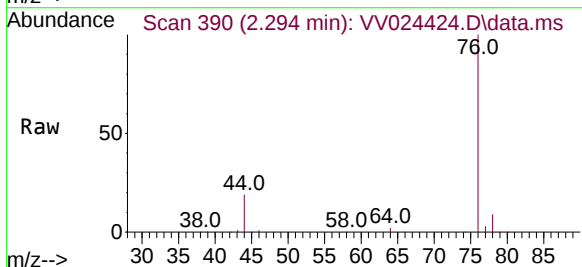
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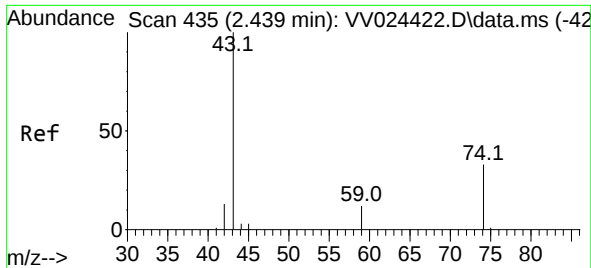
Tgt Ion: 76 Resp: 296686

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

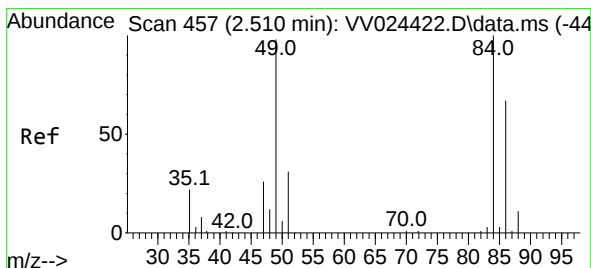
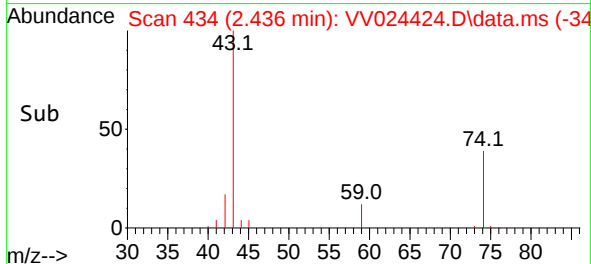
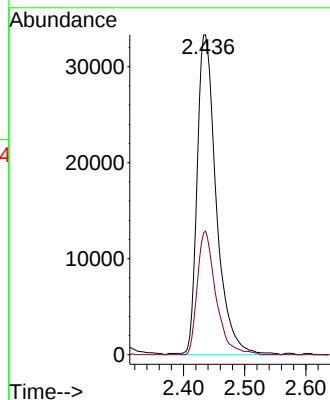
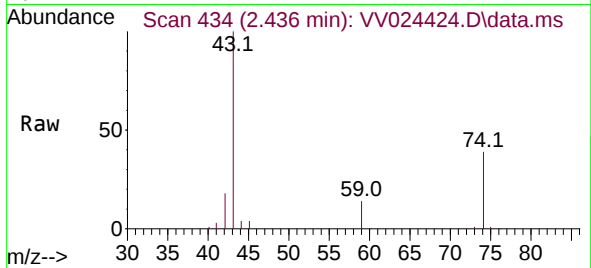




#15
Methyl Acetate
Concen: 172.800 ug/L
RT: 2.436 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

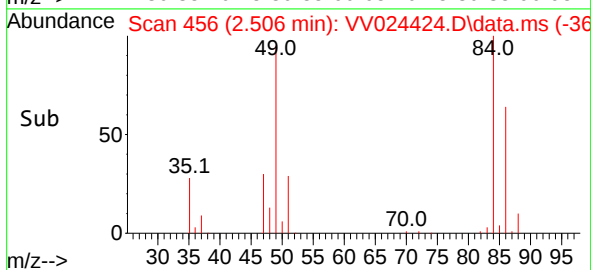
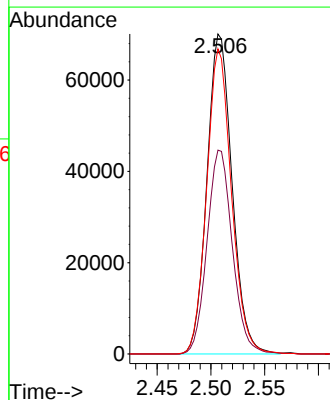
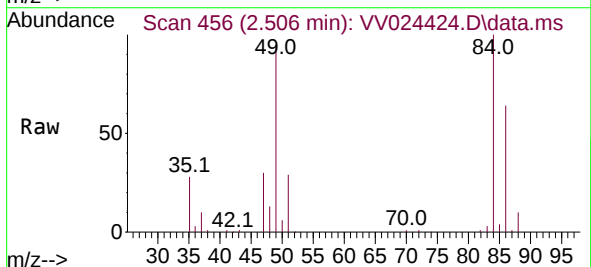
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

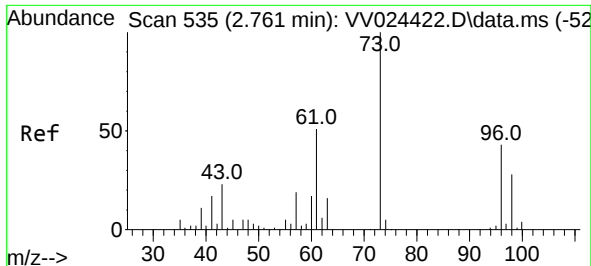
Tgt Ion: 43 Resp: 72358
Ion Ratio Lower Upper
43 100
74 37.1 24.7 37.1#



#16
Methylene chloride
Concen: 175.796 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 84 Resp: 113906
Ion Ratio Lower Upper
84 100
86 63.7 47.0 87.4
49 95.3 68.5 127.3

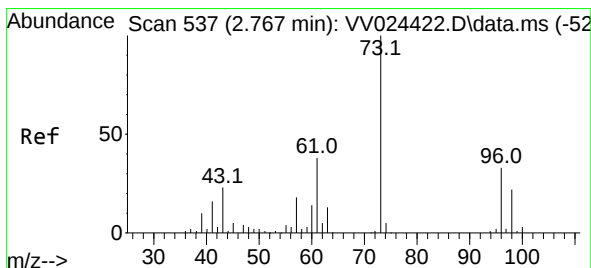
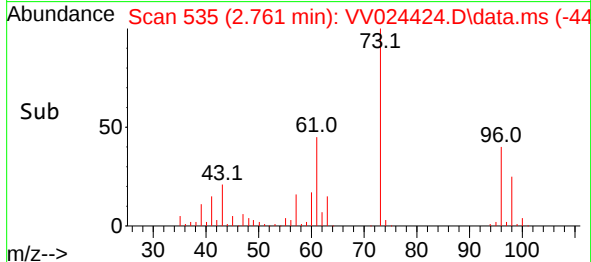
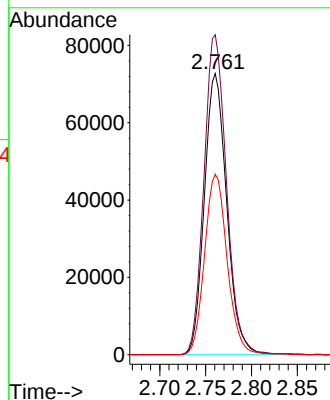
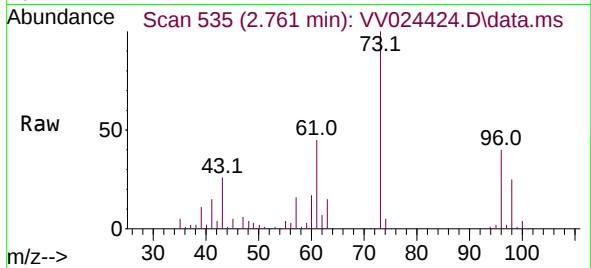




#17
trans-1,2-Dichloroethene
Concen: 187.662 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

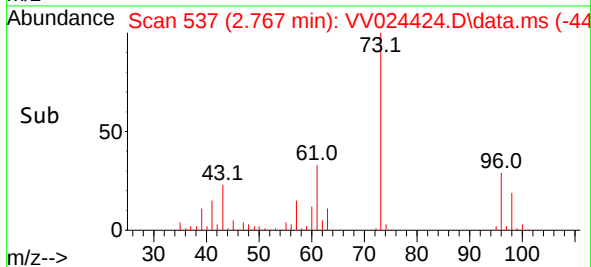
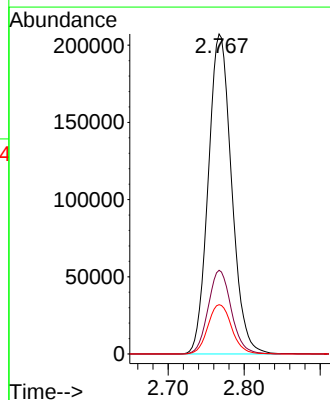
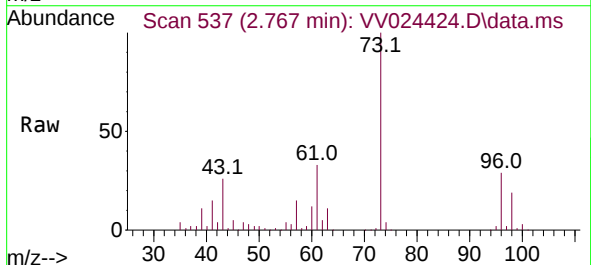
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

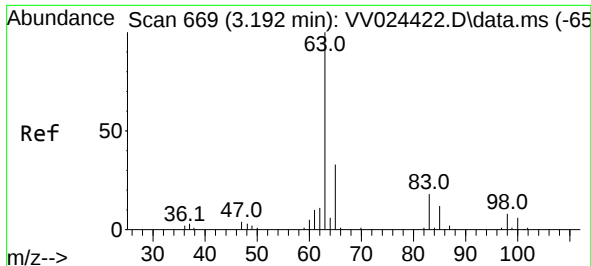
Tgt Ion: 96 Resp: 123632
Ion Ratio Lower Upper
96 100
61 113.8 83.0 154.1
98 64.2 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 197.570 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 73 Resp: 441646
Ion Ratio Lower Upper
73 100
43 26.0 18.3 27.5
57 15.7 14.2 21.2





#19

1,1-Dichloroethane

Concen: 164.072 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD200279

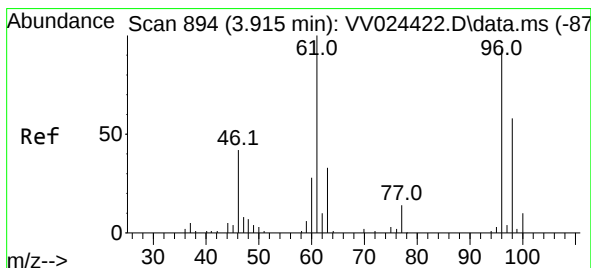
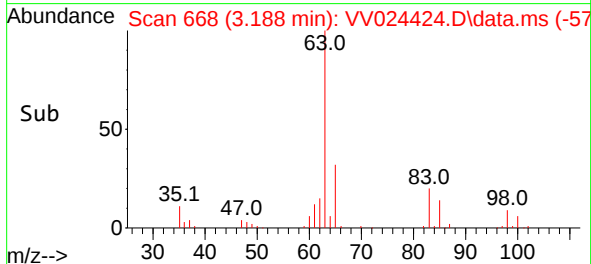
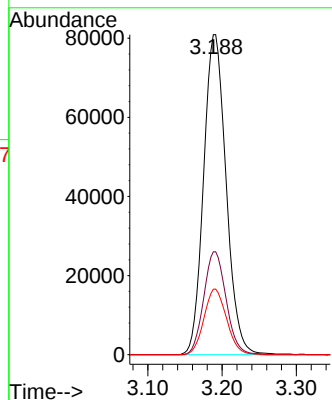
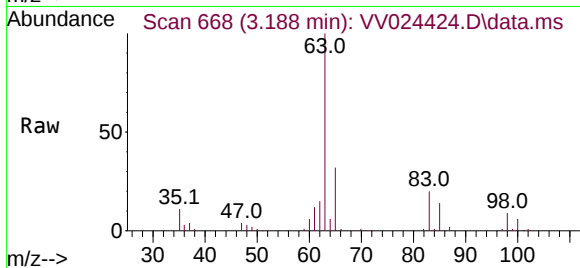
Tgt Ion: 63 Resp: 170449

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 20.5 12.7 23.7



#20

cis-1,2-Dichloroethene

Concen: 177.553 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.007 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

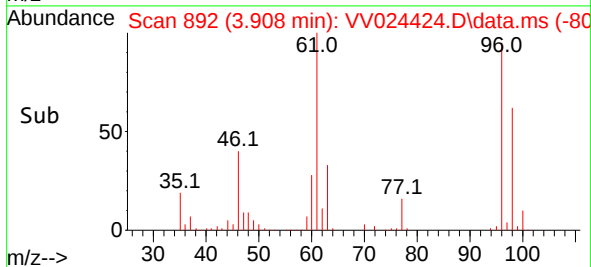
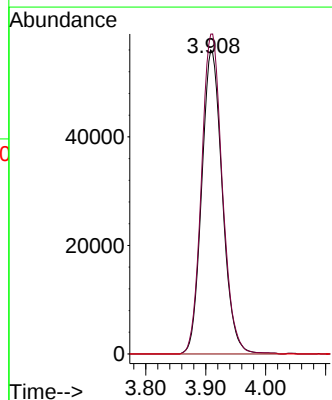
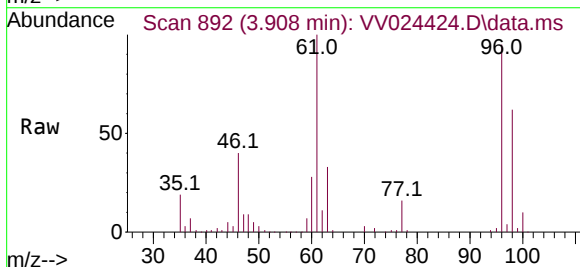
Tgt Ion: 96 Resp: 133720

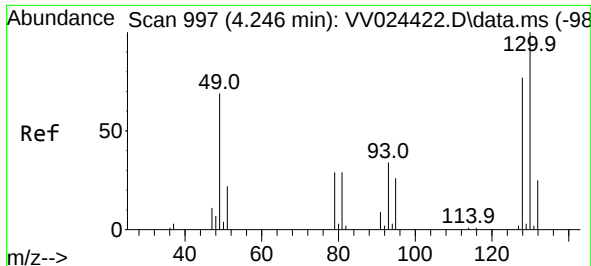
Ion Ratio Lower Upper

96 100

61 105.3 75.4 140.0

68 0.0 0.0 0.0

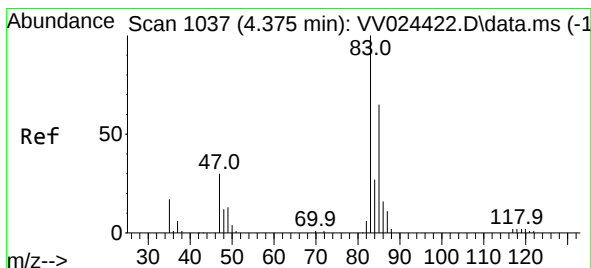
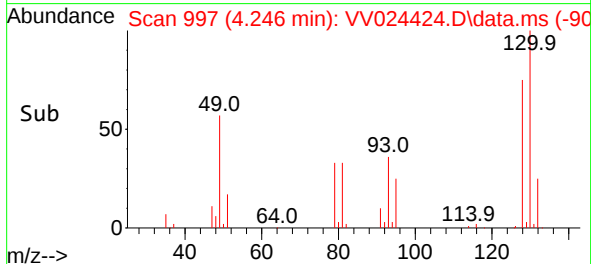
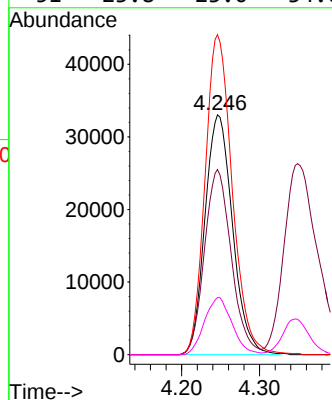
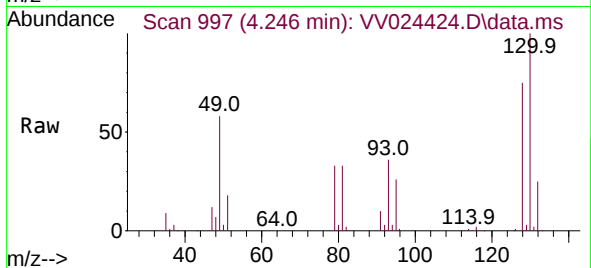




#23
Bromochloromethane
Concen: 186.600 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

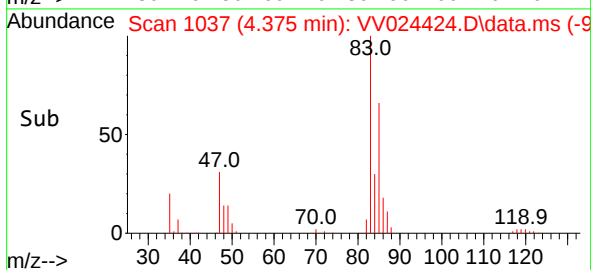
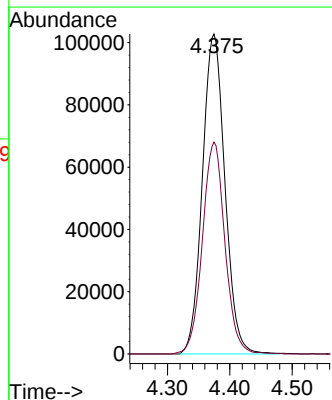
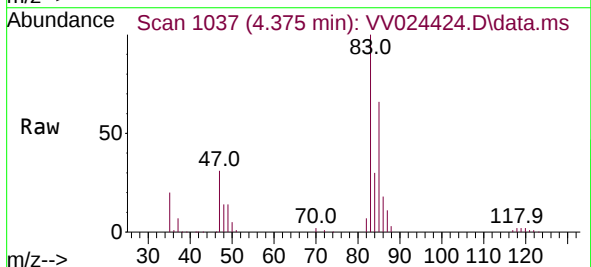
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

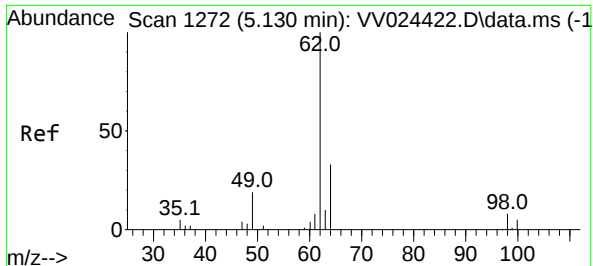
Tgt Ion:128 Resp: 81316
Ion Ratio Lower Upper
128 100
49 77.2 62.4 115.8
130 133.4 91.0 169.0
51 23.8 23.0 34.6



#25
Chloroform
Concen: 183.173 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 83 Resp: 258062
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.9





#27

1,2-Dichloroethane

Concen: 203.160 ug/L

RT: 5.127 min Scan# 1127

Delta R.T. -0.003 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

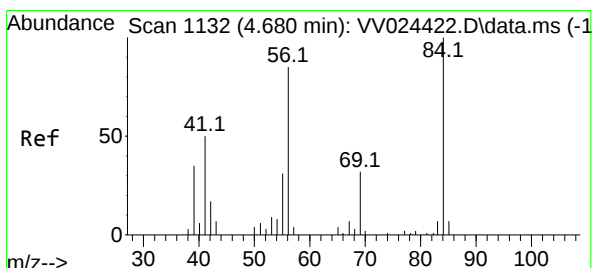
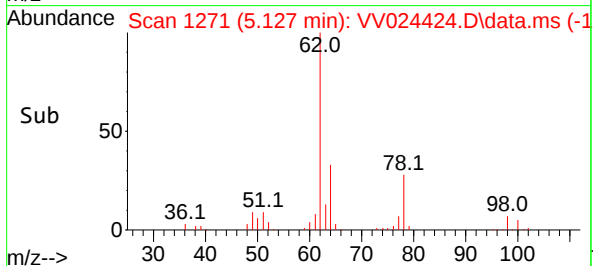
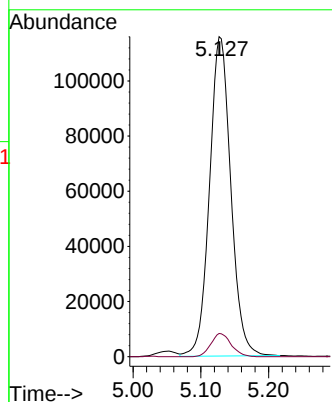
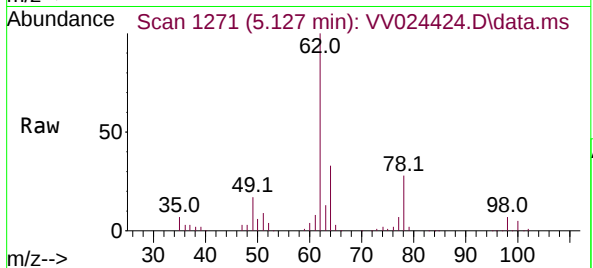
VSTD200279

Tgt Ion: 62 Resp: 252822

Ion Ratio Lower Upper

62 100

98 7.3 6.6 9.8



#29

Cyclohexane

Concen: 146.490 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

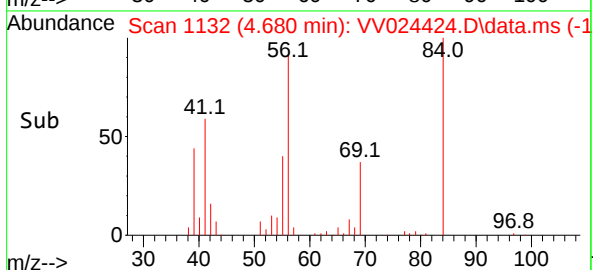
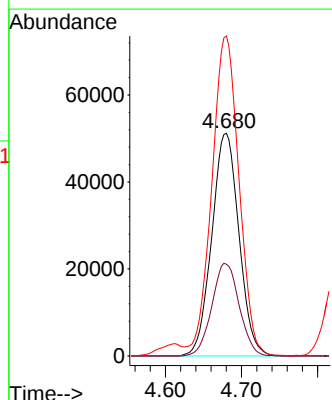
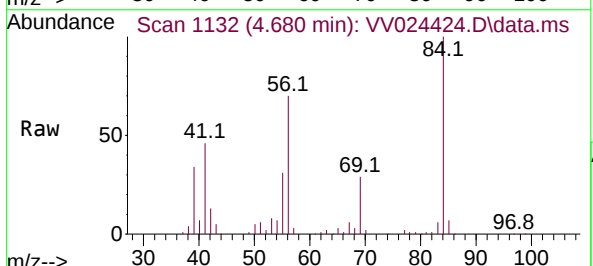
Tgt Ion: 56 Resp: 127115

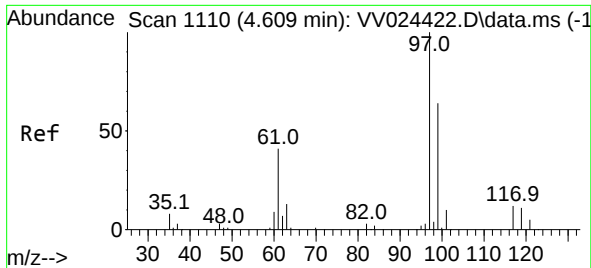
Ion Ratio Lower Upper

56 100

69 41.8 29.5 44.3

84 143.5 95.8 143.8

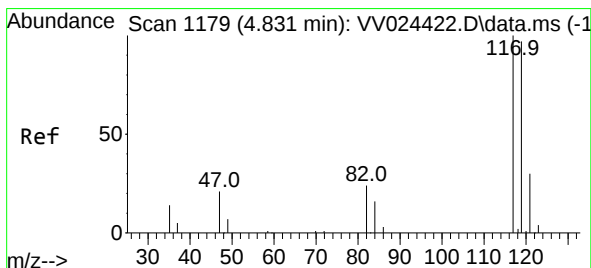
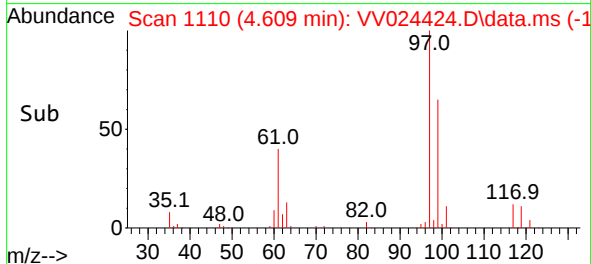
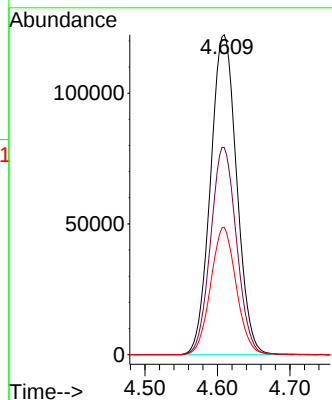
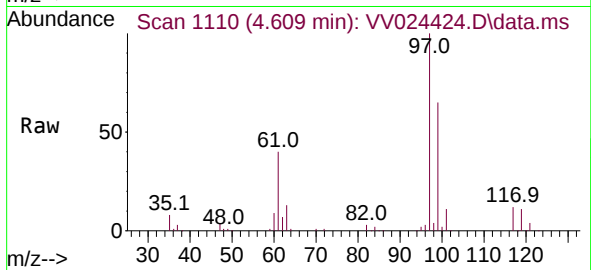




#30
1,1,1-Trichloroethane
Concen: 185.630 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

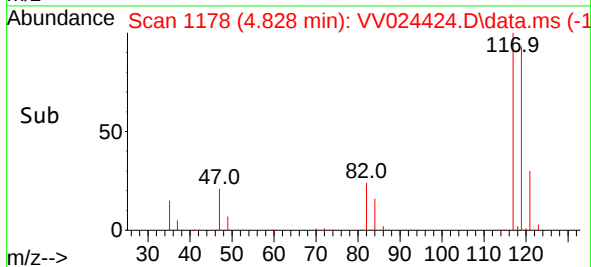
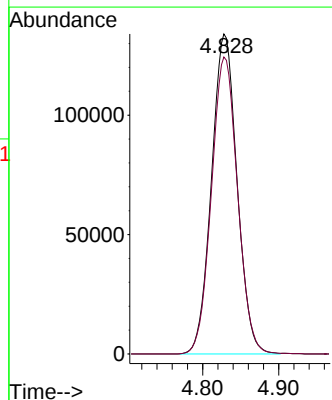
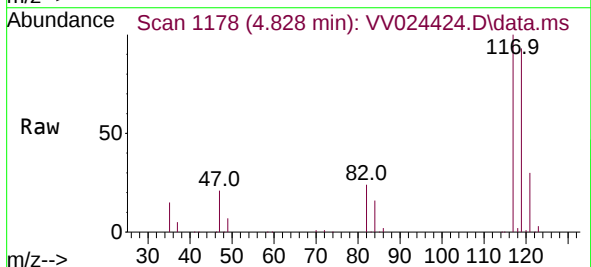
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

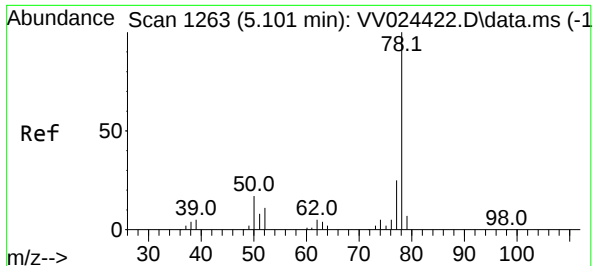
Tgt Ion: 97 Resp: 306870
Ion Ratio Lower Upper
97 100
99 64.0 50.5 75.7
61 39.1 32.5 48.7



#31
Carbon tetrachloride
Concen: 193.192 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 117 Resp: 312750
Ion Ratio Lower Upper
117 100
119 94.9 79.0 118.4

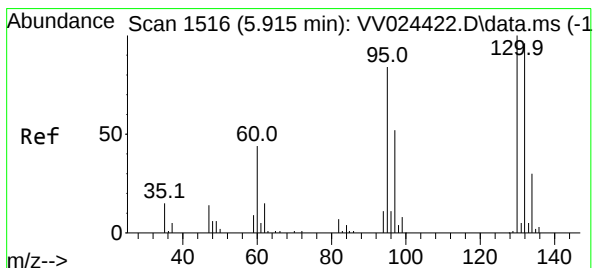
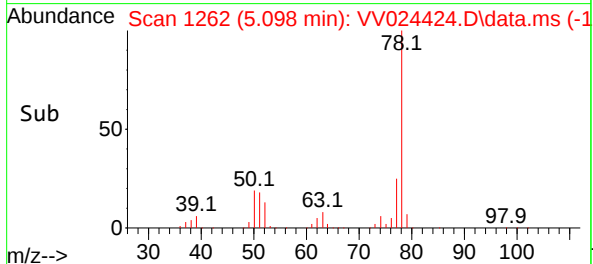
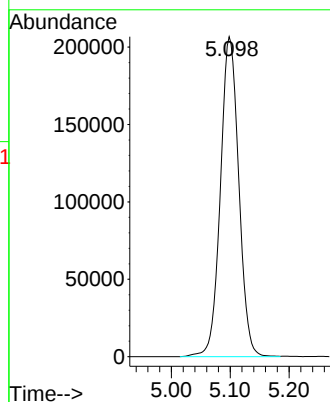
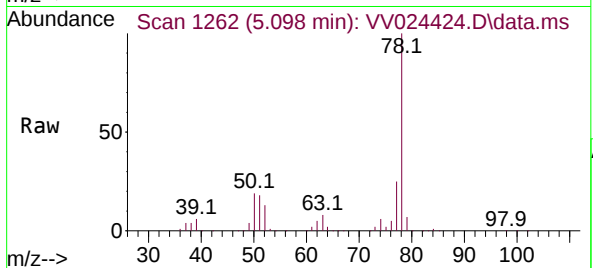




#33
Benzene
Concen: 164.100 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

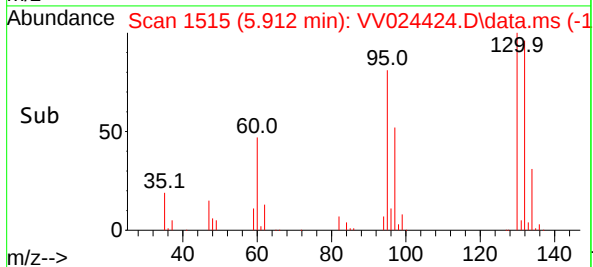
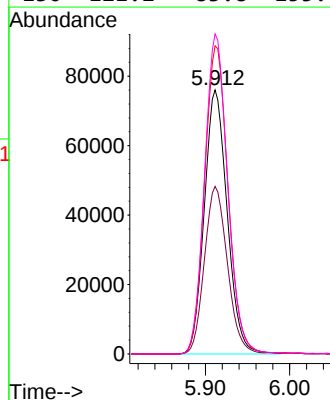
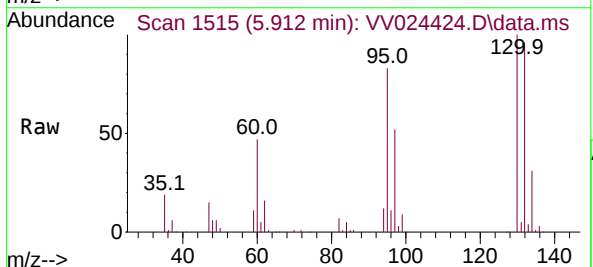
Tgt Ion: 78 Resp: 448493

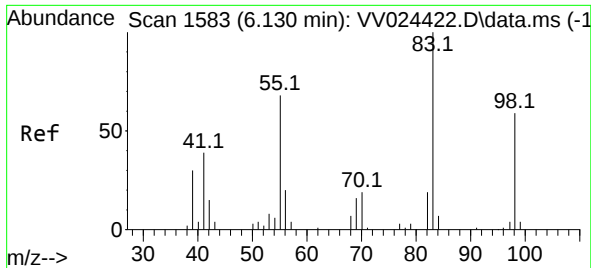


#34
Trichloroethene
Concen: 169.815 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 95 Resp: 144155

Ion	Ratio	Lower	Upper
95	100		
97	63.4	43.5	80.9
132	116.7	80.5	149.5
130	121.2	83.8	155.6

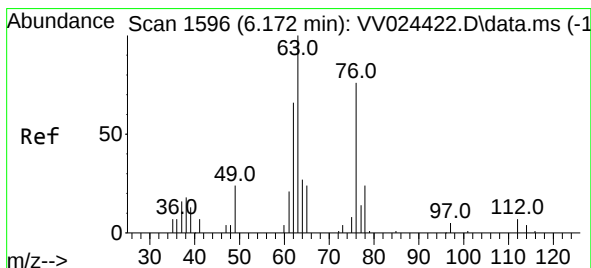
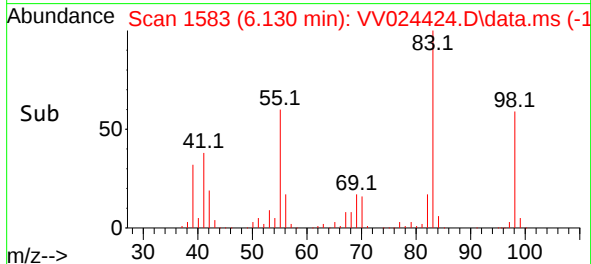
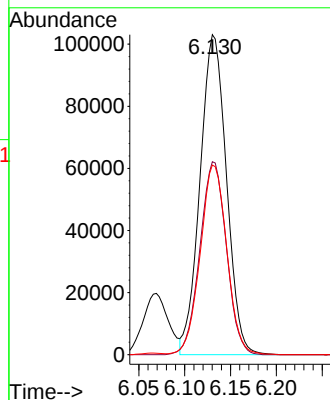
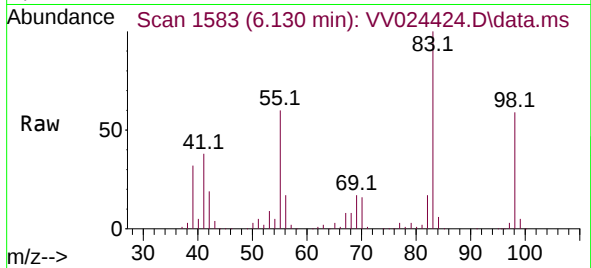




#35
Methylcyclohexane
Concen: 172.944 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

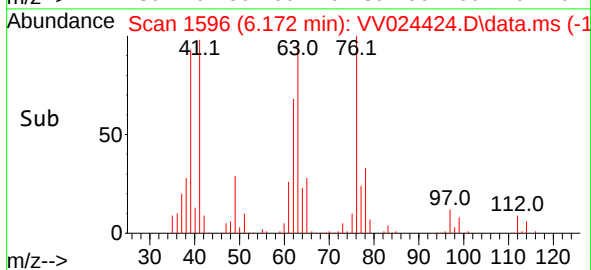
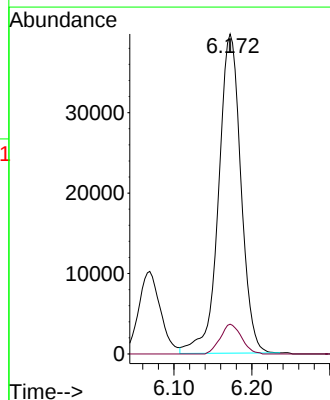
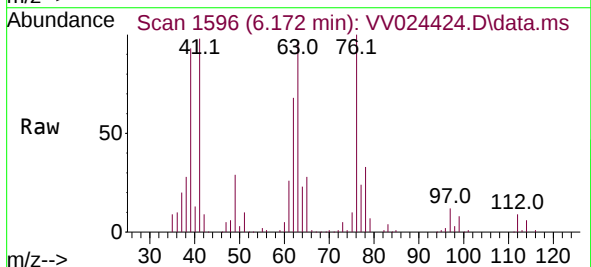
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

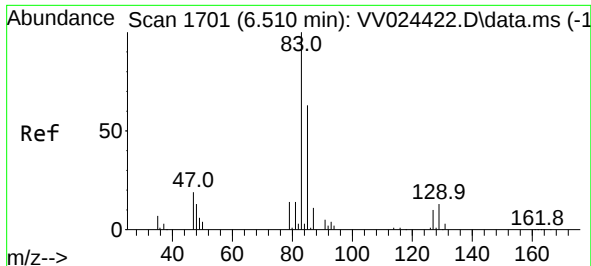
Tgt Ion: 83 Resp: 206692
Ion Ratio Lower Upper
83 100
55 60.3 53.0 79.4
98 59.7 46.2 69.2



#37
1,2-Dichloropropane
Concen: 156.112 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 63 Resp: 79022
Ion Ratio Lower Upper
63 100
112 8.8 5.7 8.5#

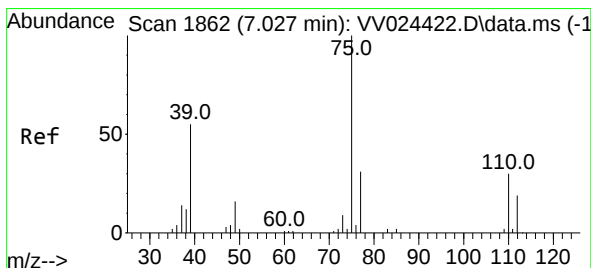
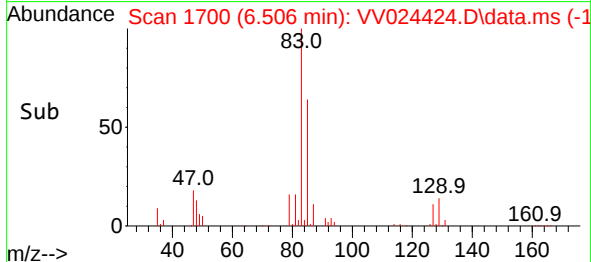
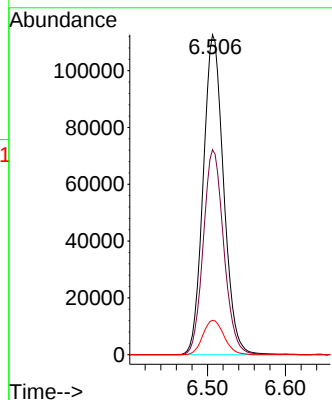
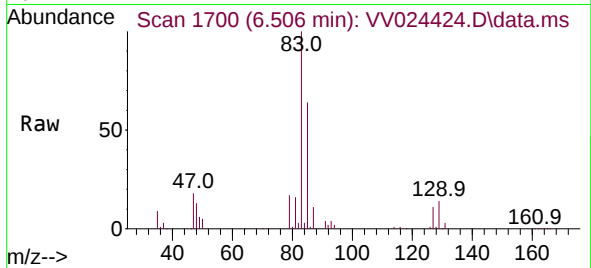




#38
Bromodichloromethane
Concen: 184.452 ug/L
RT: 6.506 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

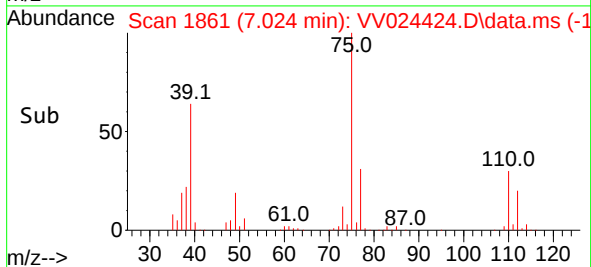
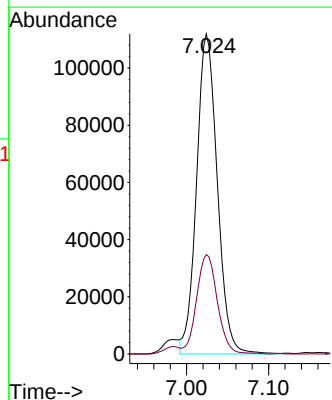
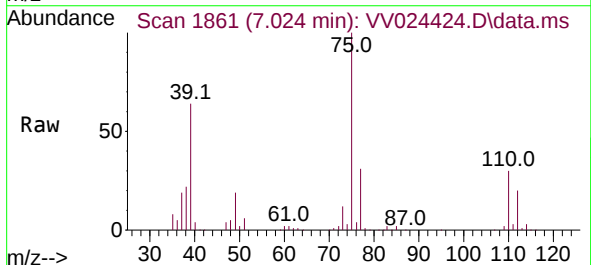
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

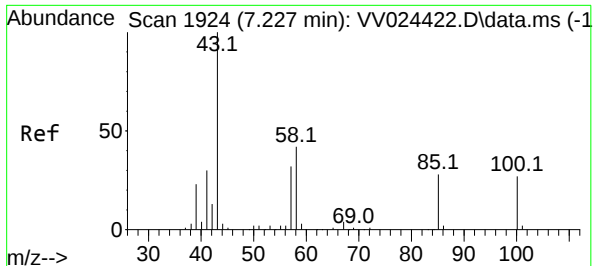
Tgt Ion: 83 Resp: 204503
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.5
127 10.8 7.9 11.9



#39
cis-1,3-Dichloropropene
Concen: 182.282 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 75 Resp: 196595
Ion Ratio Lower Upper
75 100
77 31.0 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 340.696 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD200279

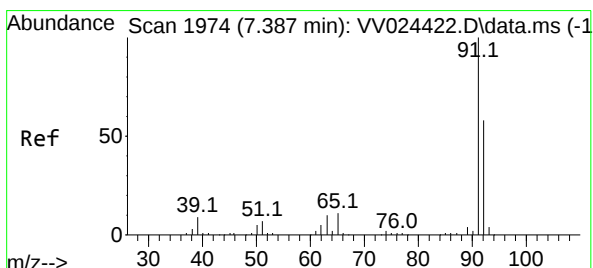
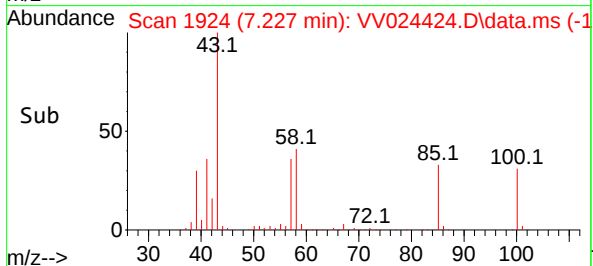
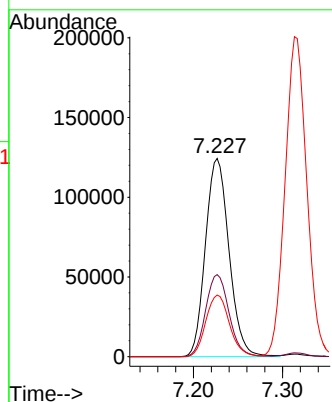
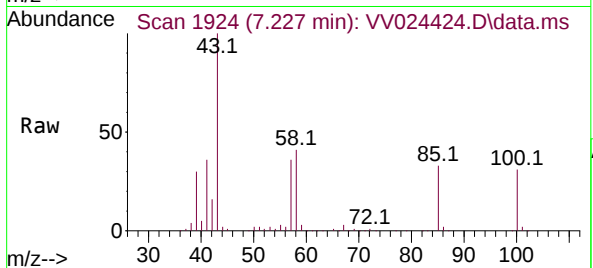
Tgt Ion: 43 Resp: 229160

Ion Ratio Lower Upper

43 100

58 41.0 33.7 50.5

100 31.1 21.3 31.9



#42

Toluene

Concen: 177.918 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024424.D

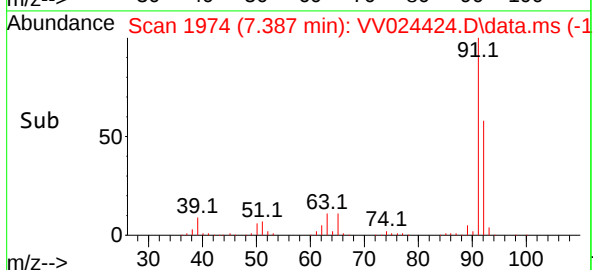
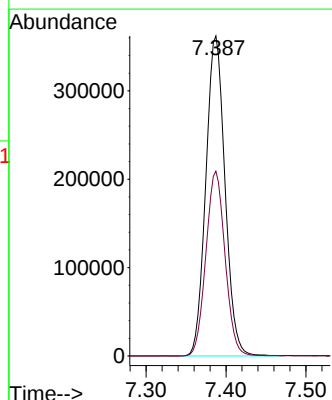
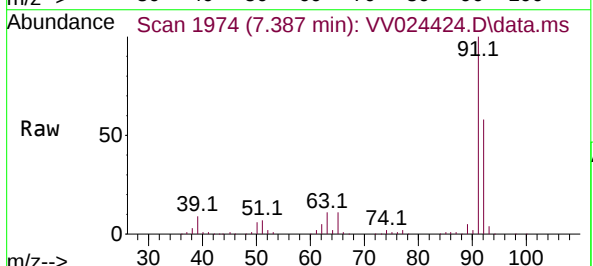
Acq: 21 Jan 2022 14:17

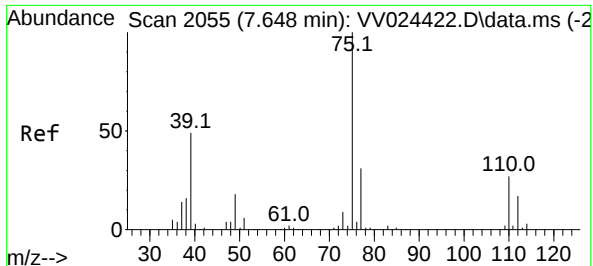
Tgt Ion: 91 Resp: 603908

Ion Ratio Lower Upper

91 100

92 57.7 40.6 75.4

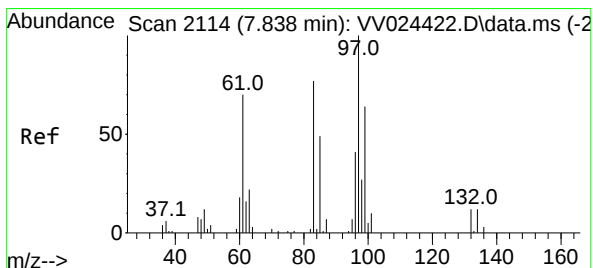
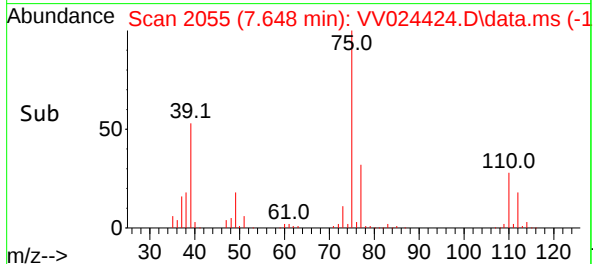
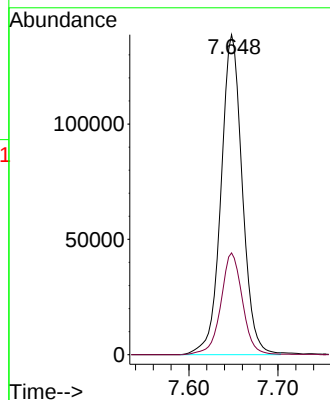
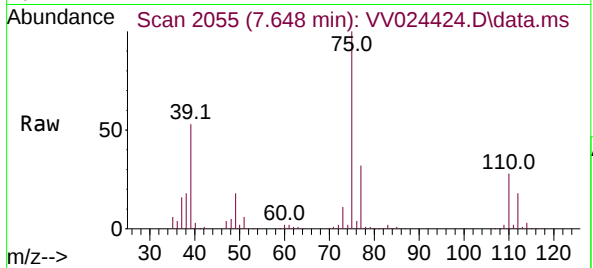




#44
trans-1,3-Dichloropropene
Concen: 190.581 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

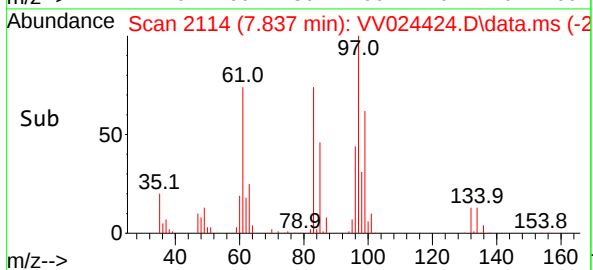
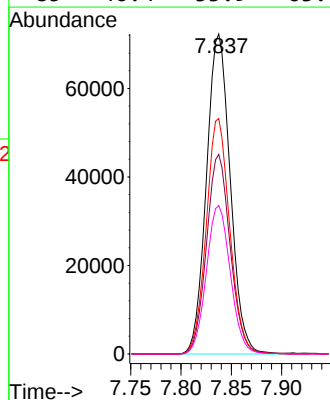
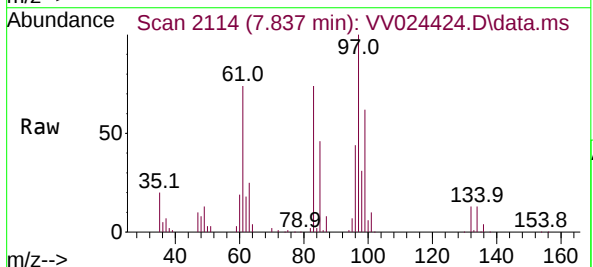
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

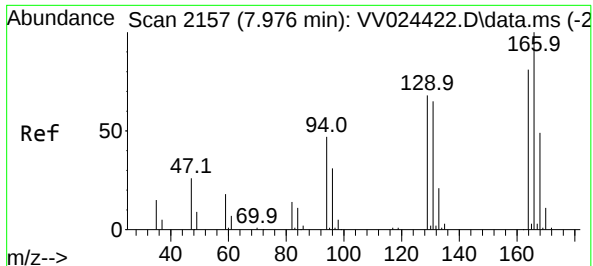
Tgt Ion: 75 Resp: 230652
Ion Ratio Lower Upper
75 100
77 31.8 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 174.139 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 97 Resp: 119102
Ion Ratio Lower Upper
97 100
99 62.3 44.8 83.2
83 73.6 53.5 99.5
85 46.4 33.9 63.0

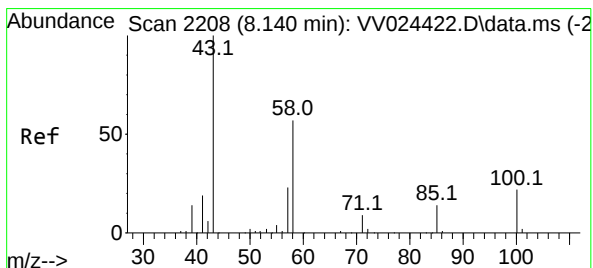
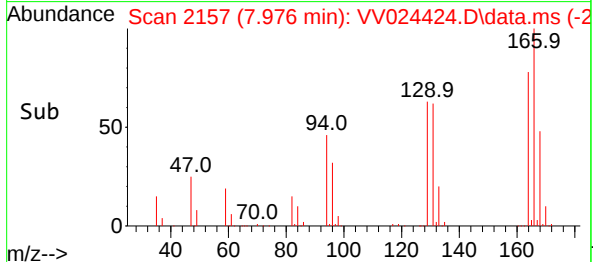
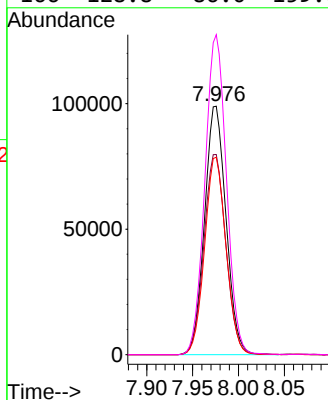
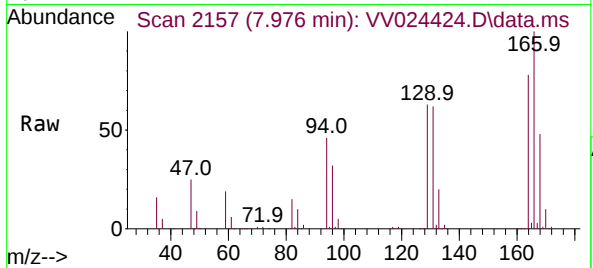




#46
Tetrachloroethene
Concen: 187.891 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

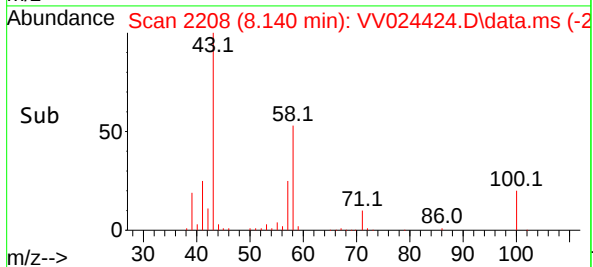
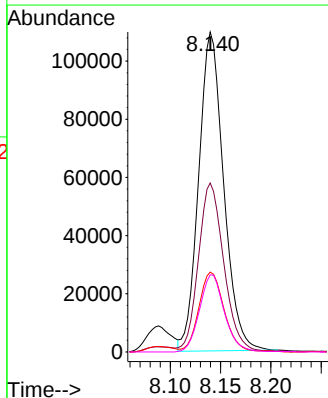
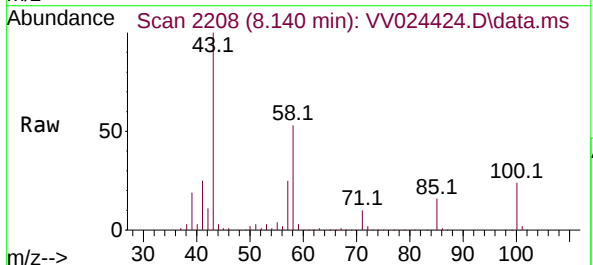
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

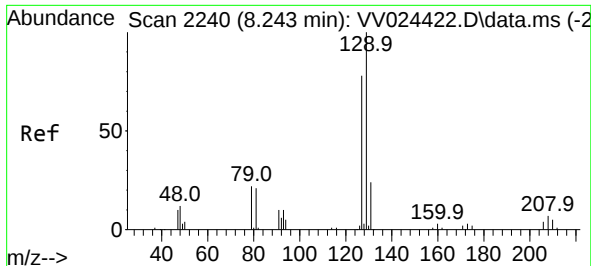
Tgt Ion:164 Resp: 161540
Ion Ratio Lower Upper
164 100
129 80.6 58.4 108.6
131 79.5 56.1 104.1
166 128.8 86.0 159.6



#48
2-Hexanone
Concen: 353.086 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 43 Resp: 189230
Ion Ratio Lower Upper
43 100
58 54.1 46.2 69.4
57 25.5 19.3 28.9
100 24.1 16.9 25.3





#49

Dibromochloromethane

Concen: 198.622 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

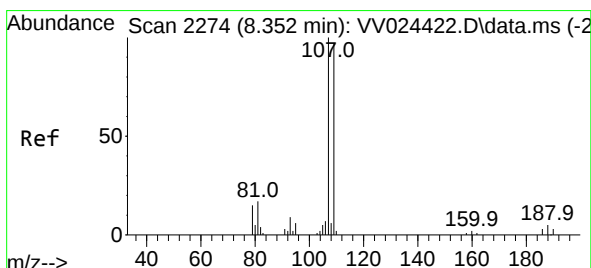
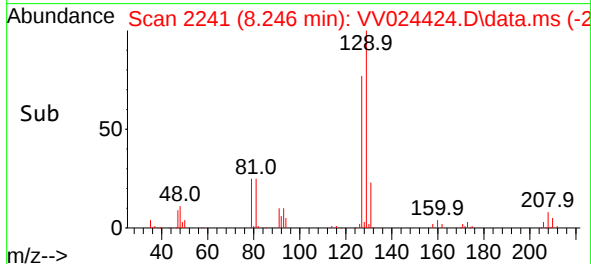
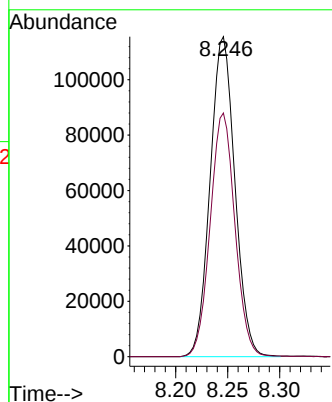
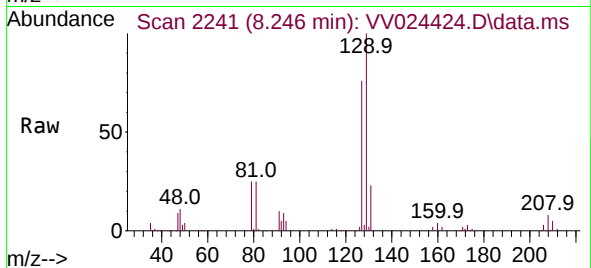
VSTD200279

Tgt Ion:129 Resp: 191631

Ion Ratio Lower Upper

129 100

127 76.1 54.9 102.1



#50

1,2-Dibromoethane

Concen: 178.041 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.003 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

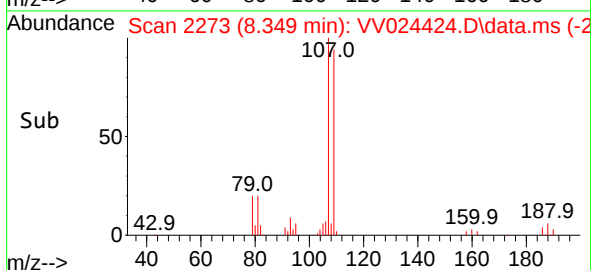
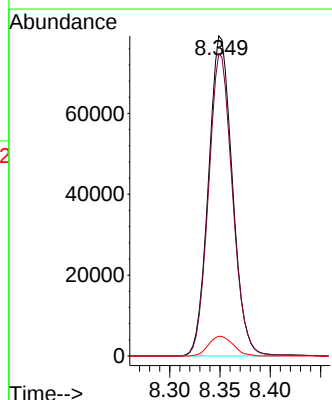
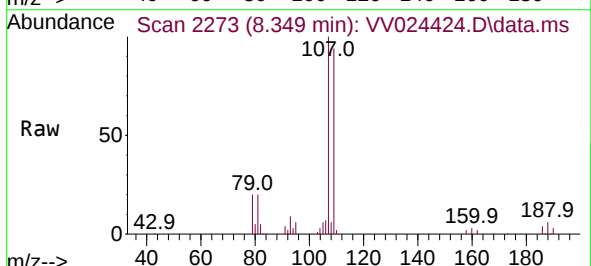
Tgt Ion:107 Resp: 130883

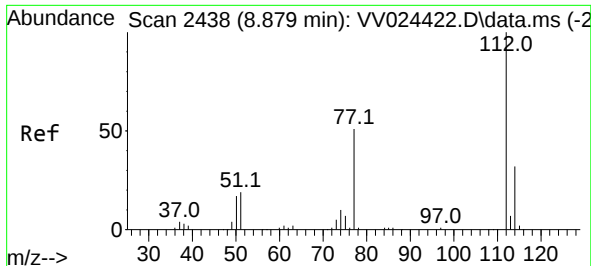
Ion Ratio Lower Upper

107 100

109 94.5 67.5 125.4

188 6.2 3.9 5.9#

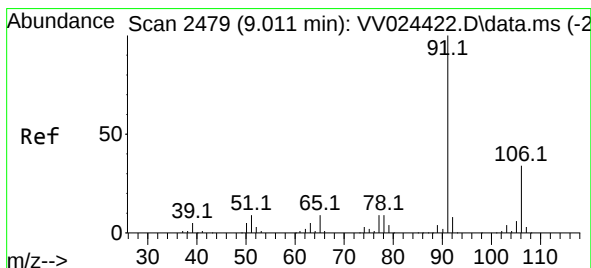
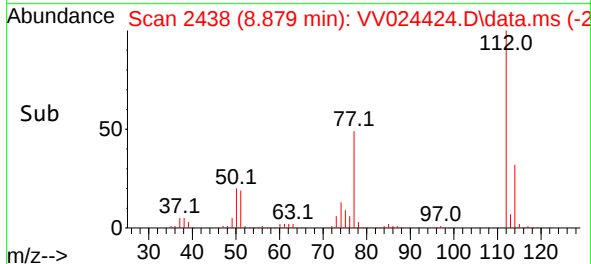
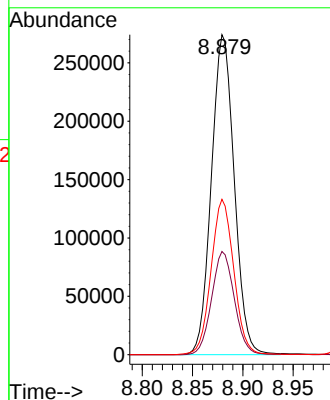
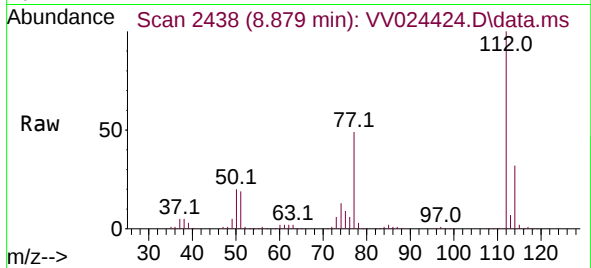




#51
Chlorobenzene
Concen: 186.067 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

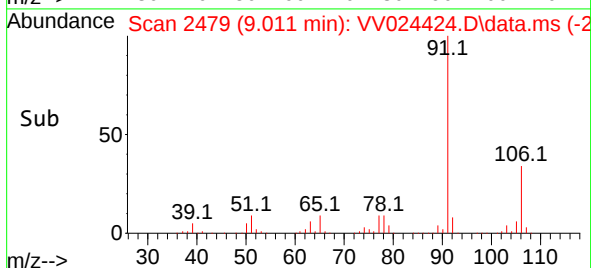
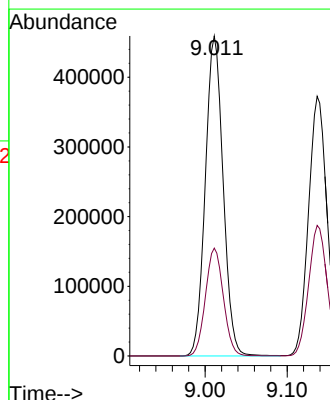
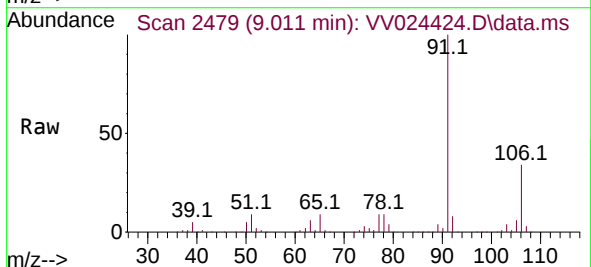
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

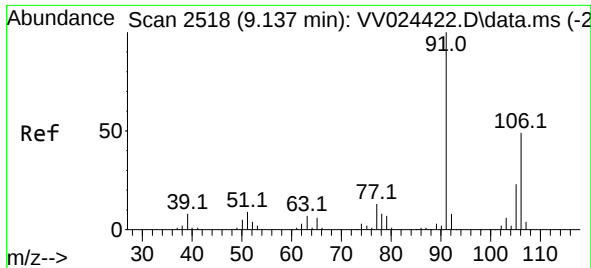
Tgt Ion:112 Resp: 434254
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 48.6 42.0 63.0



#52
Ethylbenzene
Concen: 187.900 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 91 Resp: 691980
Ion Ratio Lower Upper
91 100
106 33.7 23.8 44.2

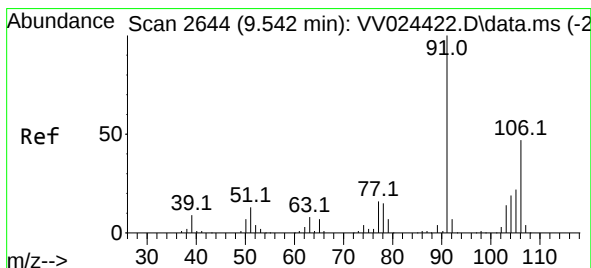
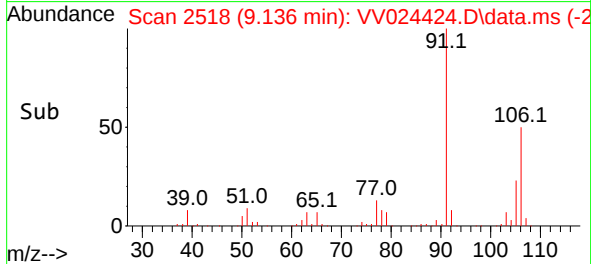
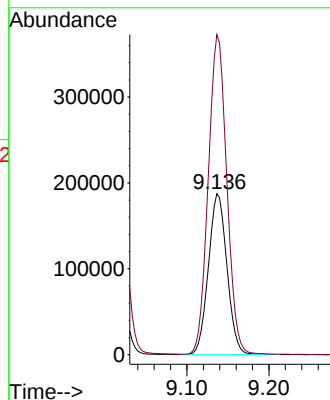
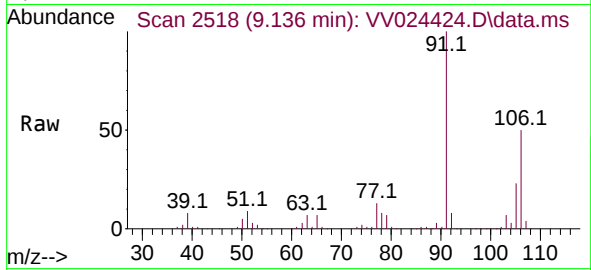




#53
m,p-Xylene
Concen: 190.570 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

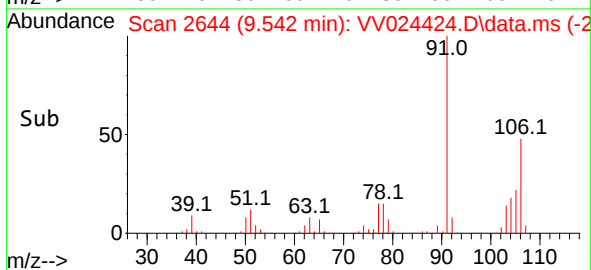
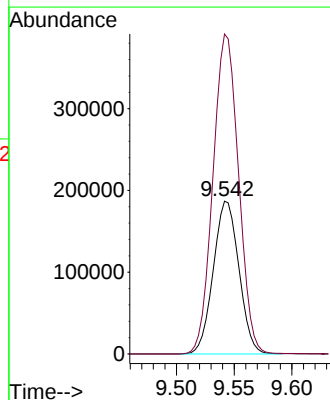
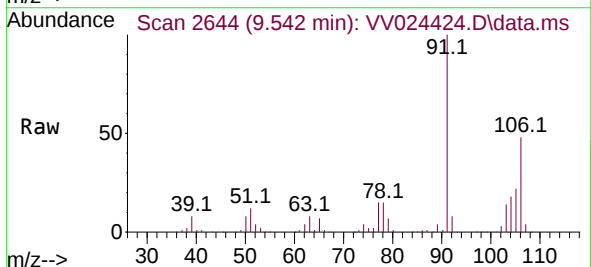
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

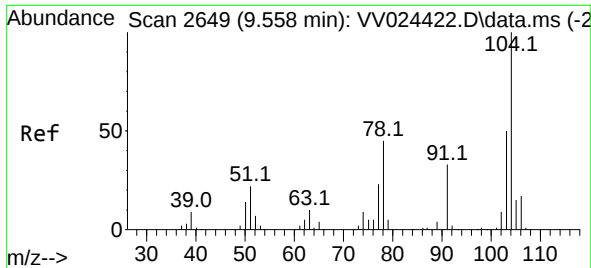
Tgt Ion:106 Resp: 295014
Ion Ratio Lower Upper
106 100
91 198.9 142.0 263.8



#54
o-Xylene
Concen: 193.377 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion:106 Resp: 288438
Ion Ratio Lower Upper
106 100
91 209.3 148.1 275.1

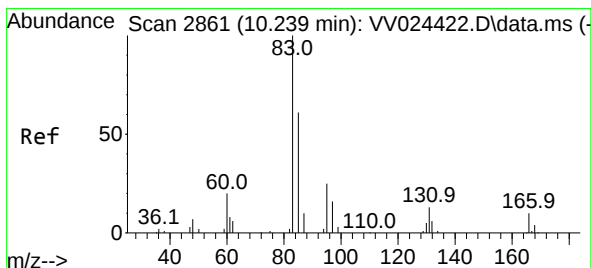
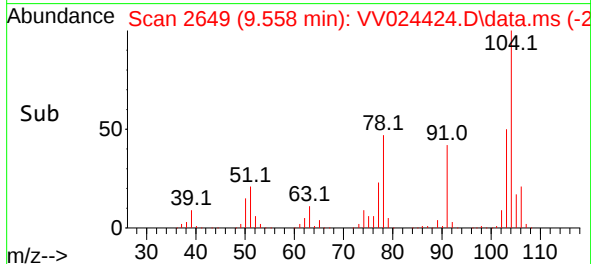
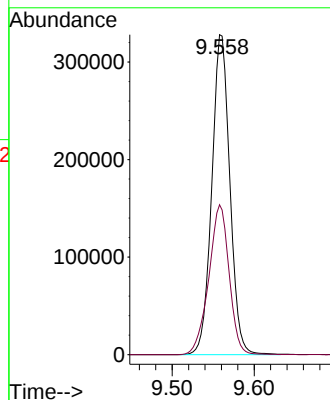
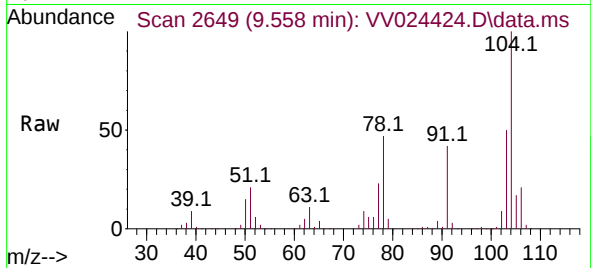




#55
Styrene
Concen: 197.631 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

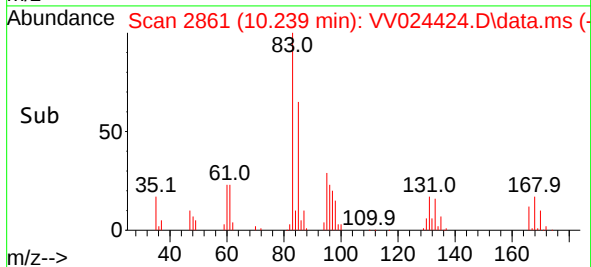
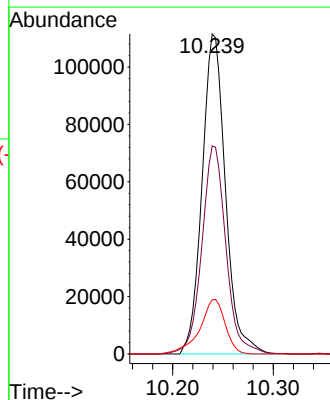
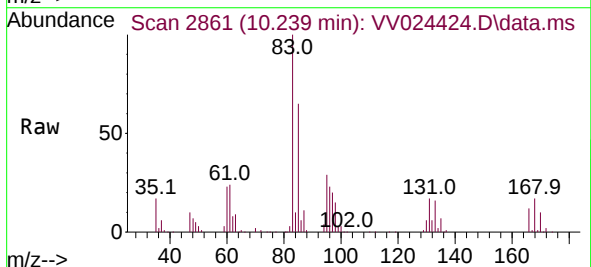
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

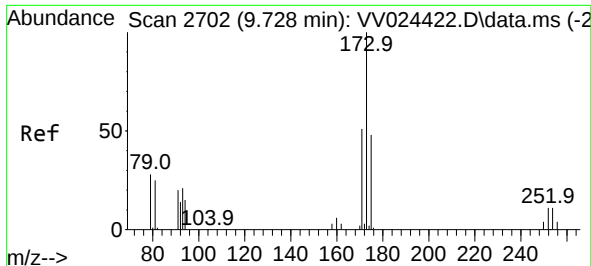
Tgt Ion:104 Resp: 501984
Ion Ratio Lower Upper
104 100
78 46.9 31.6 58.8



#57
1,1,2,2-Tetrachloroethane
Concen: 212.491 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 83 Resp: 180150
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.0
131 16.9 11.9 17.9





#59

Bromoform

Concen: 163.134 ug/L

RT: 9.728 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD200279

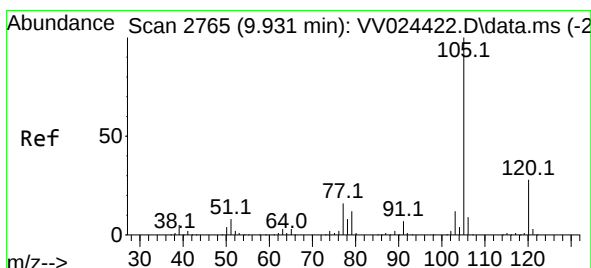
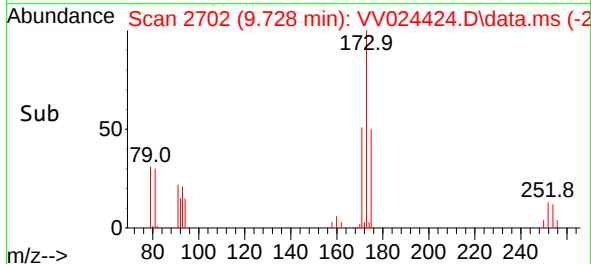
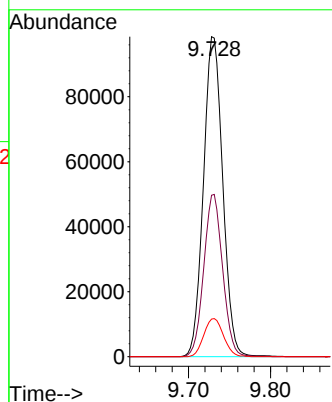
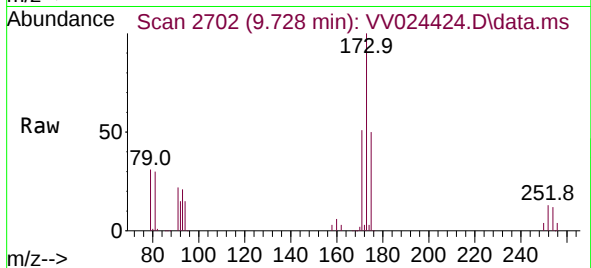
Tgt Ion:173 Resp: 161516

Ion Ratio Lower Upper

173 100

175 49.5 39.4 59.2

254 12.1 9.0 13.6



#60

Isopropylbenzene

Concen: 151.569 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

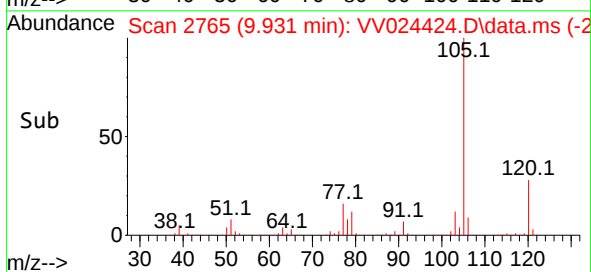
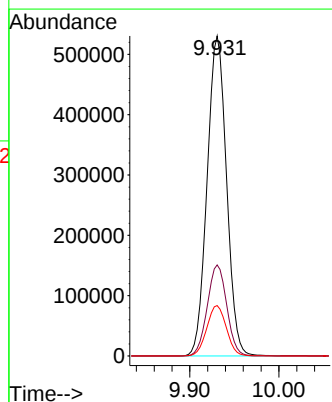
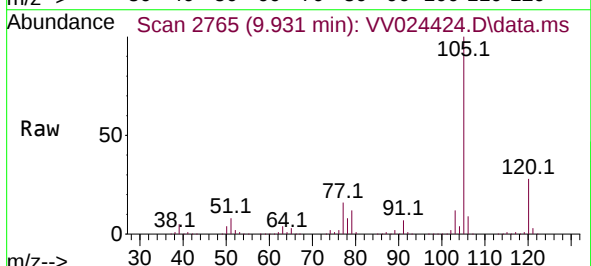
Tgt Ion:105 Resp: 802081

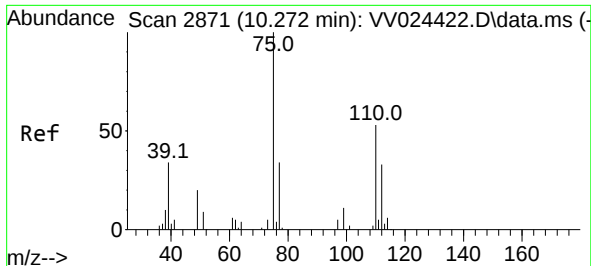
Ion Ratio Lower Upper

105 100

120 28.5 22.1 33.1

77 15.9 12.5 18.7

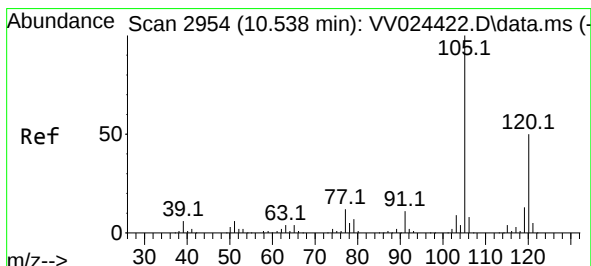
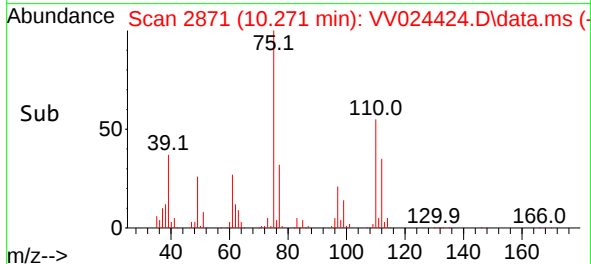
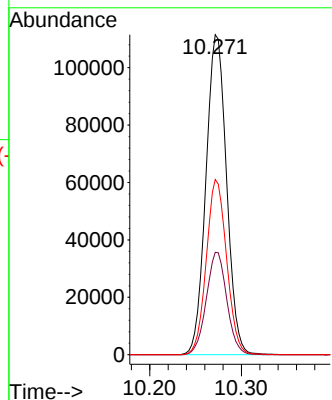
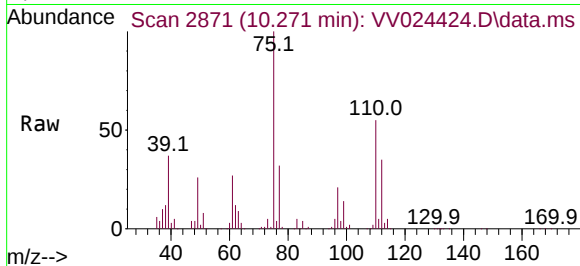




#61
1,2,3-Trichloropropane
Concen: 161.166 ug/L
RT: 10.271 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

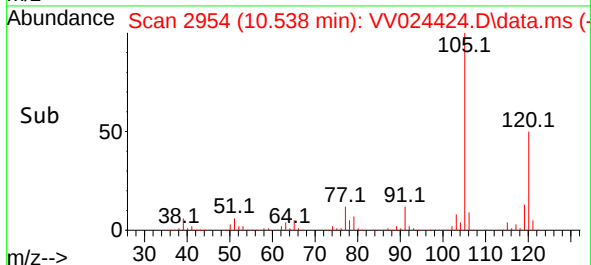
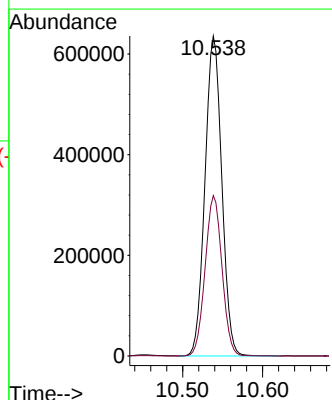
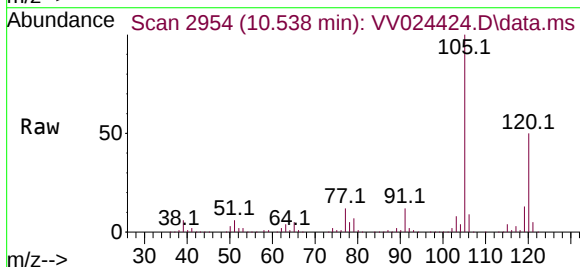
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

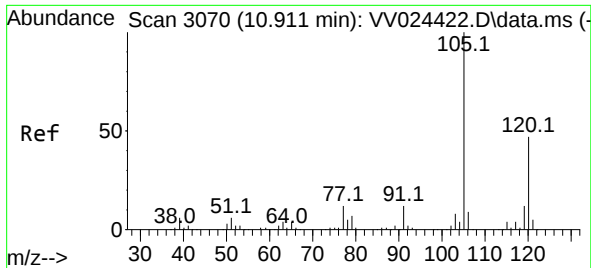
Tgt Ion: 75 Resp: 174447
Ion Ratio Lower Upper
75 100
77 31.8 26.6 39.8
110 54.0 43.0 64.6



#62
1,3,5-Trimethylbenzene
Concen: 188.427 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion: 105 Resp: 931492
Ion Ratio Lower Upper
105 100
120 50.3 40.5 60.7

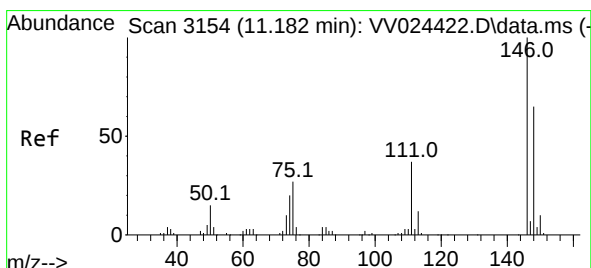
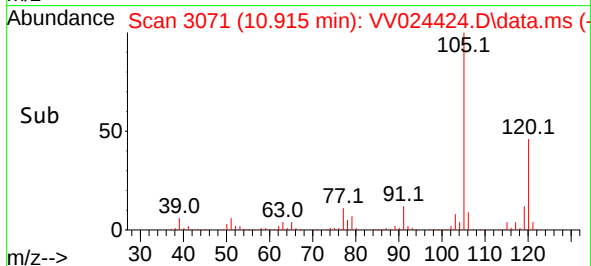
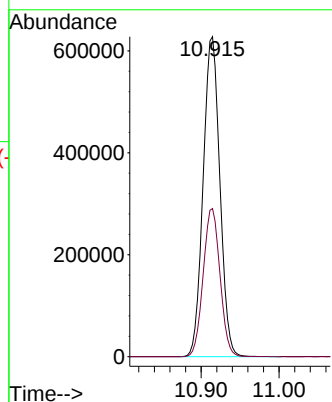
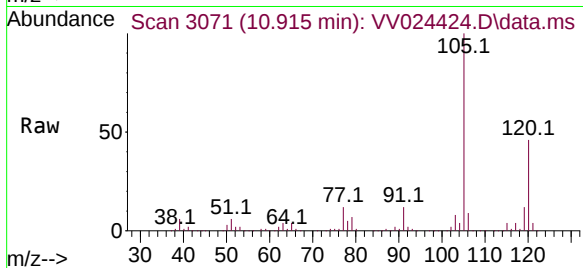




#63
1,2,4-Trimethylbenzene
Concen: 189.642 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

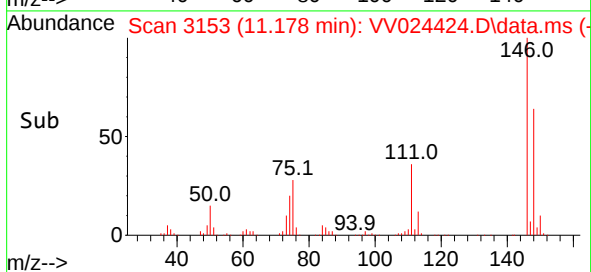
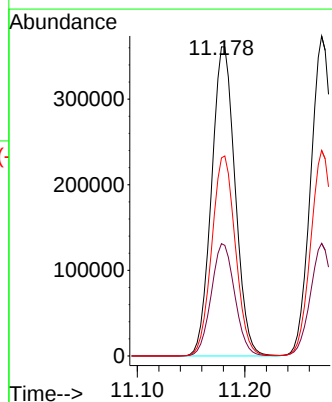
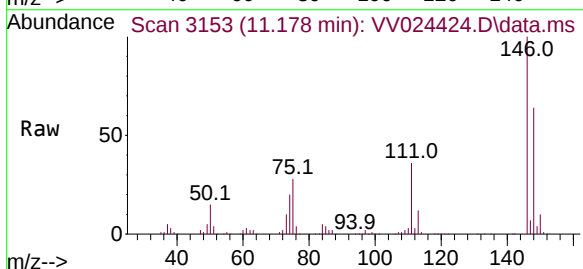
Instrument :
MSVOA_V
ClientSampleId :
VSTD200279

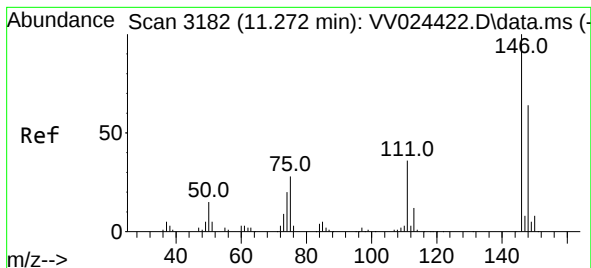
Tgt Ion:105 Resp: 934110
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9



#64
1,3-Dichlorobenzene
Concen: 185.099 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV024424.D
Acq: 21 Jan 2022 14:17

Tgt Ion:146 Resp: 551273
Ion Ratio Lower Upper
146 100
111 36.3 25.7 47.7
148 64.1 45.4 84.2





#65

1,4-Dichlorobenzene

Concen: 186.308 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD200279

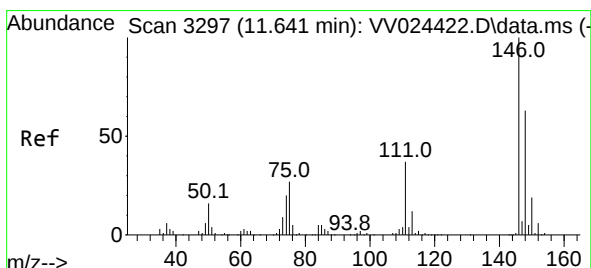
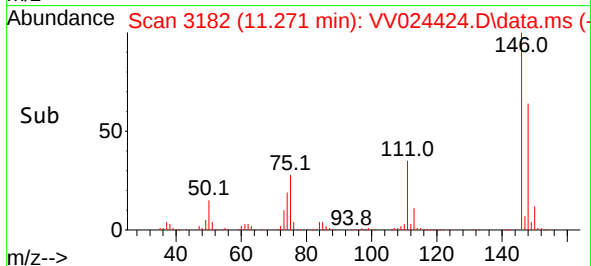
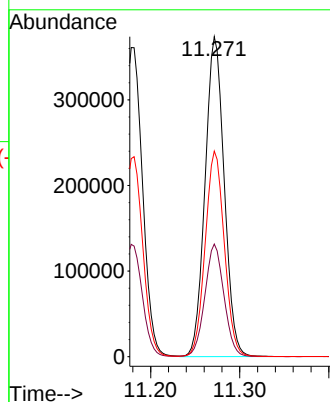
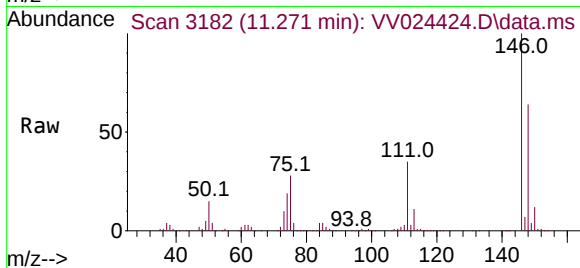
Tgt Ion:146 Resp: 556071

Ion Ratio Lower Upper

146 100

111 35.2 25.2 46.8

148 64.2 45.1 83.9



#67

1,2-Dichlorobenzene

Concen: 186.544 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

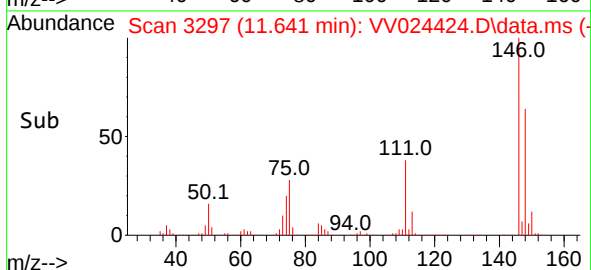
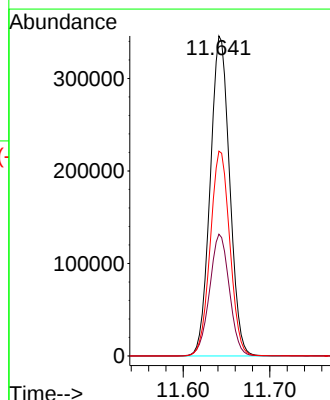
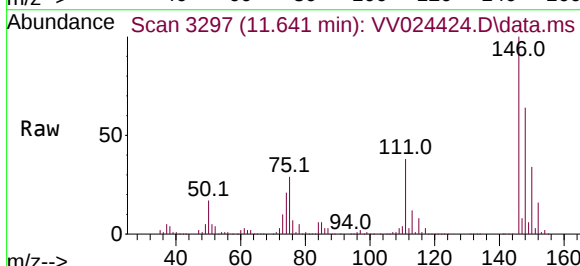
Tgt Ion:146 Resp: 538555

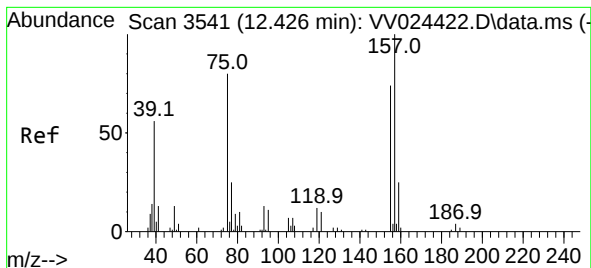
Ion Ratio Lower Upper

146 100

111 38.1 30.2 45.2

148 64.0 50.6 76.0

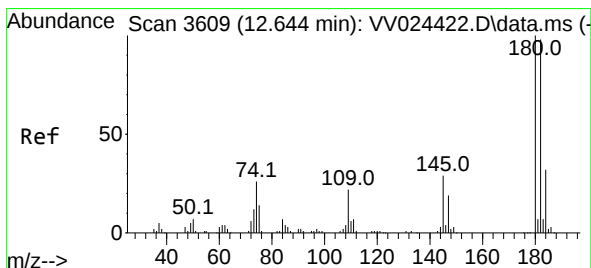
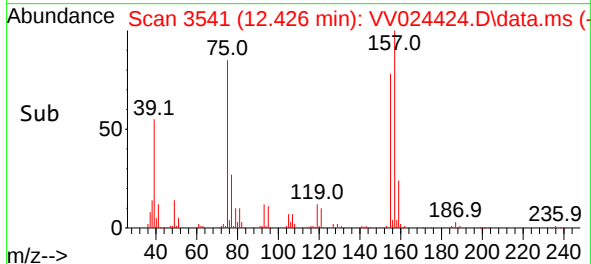
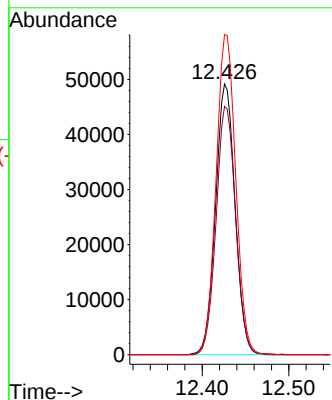
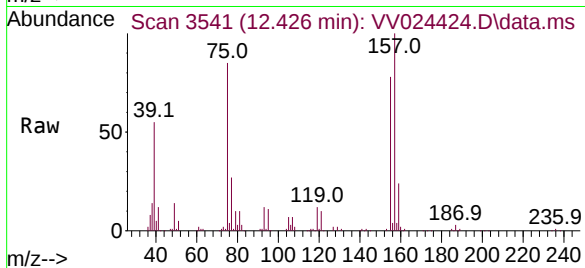




#68
 1,2-Dibromo-3-chloropropane
 Concen: 217.748 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

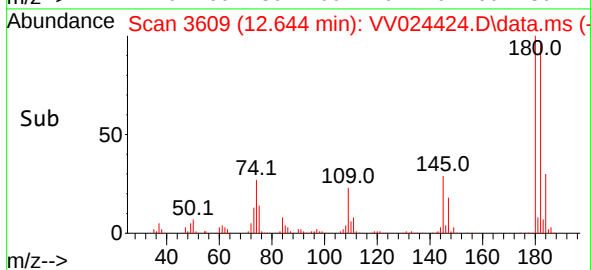
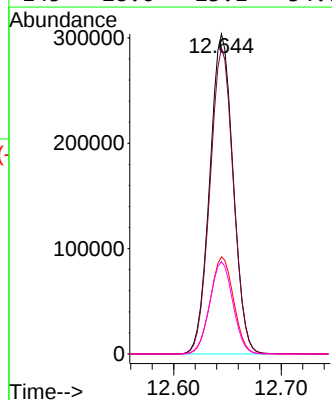
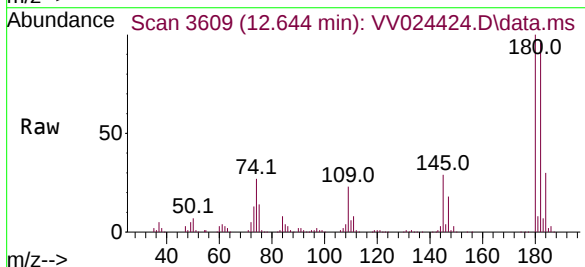
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200279

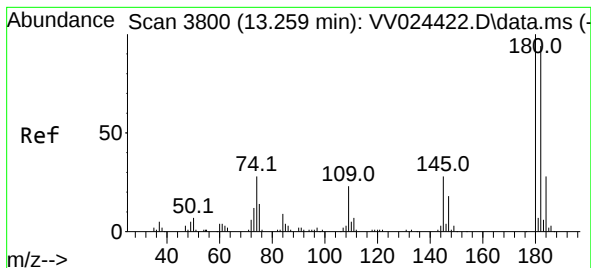
Tgt Ion: 75 Resp: 76998
 Ion Ratio Lower Upper
 75 100
 155 91.8 73.6 110.4
 157 118.2 99.8 149.8



#69
 1,3,5-Trichlorobenzene
 Concen: 191.491 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

Tgt Ion: 180 Resp: 458769
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.0 117.0
 184 30.2 25.1 37.7
 145 28.6 23.1 34.7





#70

1,2,4-trichlorobenzene

Concen: 190.642 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD200279

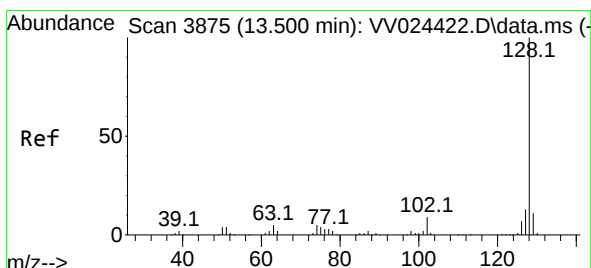
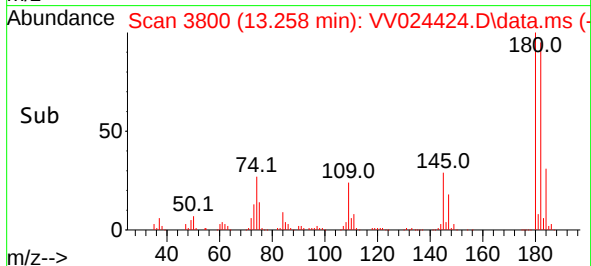
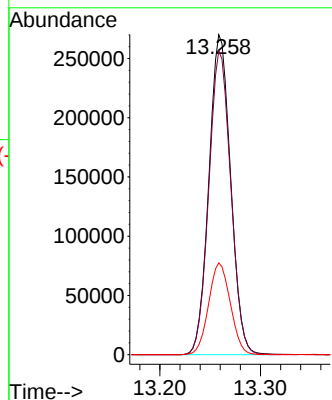
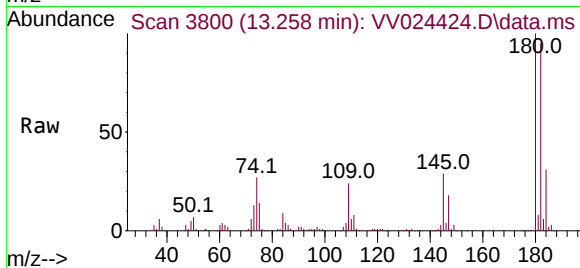
Tgt Ion:180 Resp: 405390

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

145 28.7 22.8 34.2



#71

Naphthalene

Concen: 192.636 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024424.D

Acq: 21 Jan 2022 14:17

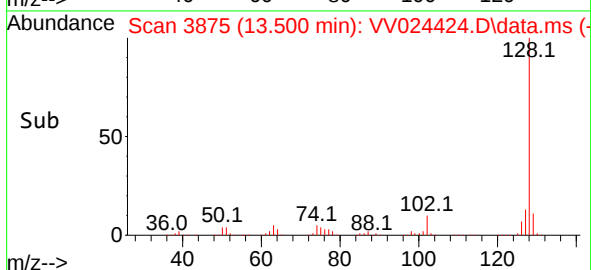
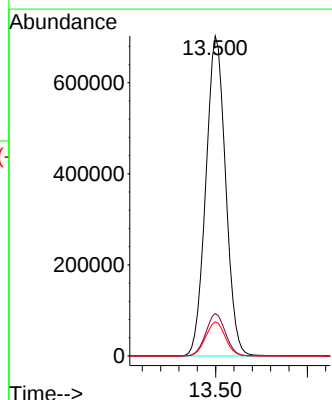
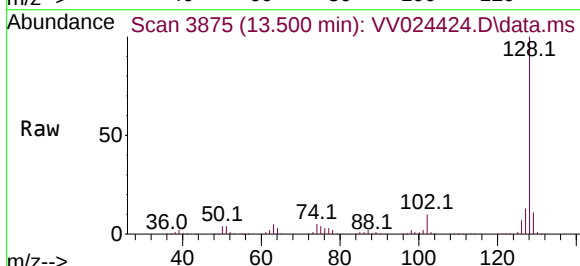
Tgt Ion:128 Resp: 1052074

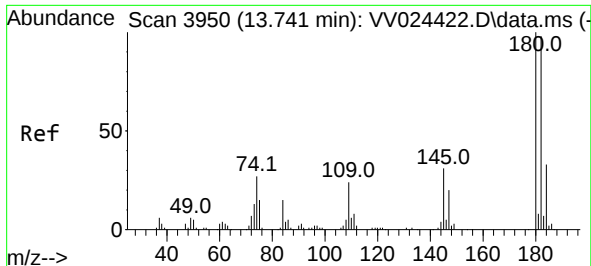
Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

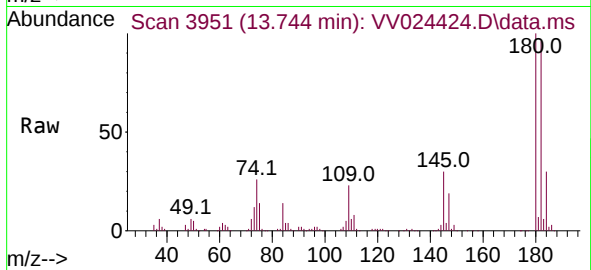
129 10.6 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 191.048 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV024424.D
 Acq: 21 Jan 2022 14:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200279



Tgt Ion:180 Resp: 387096
 Ion Ratio Lower Upper
 180 100
 182 96.1 78.1 117.1
 145 30.5 25.0 37.6

