

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082721\
 Data File : VW021964.D
 Acq On : 27 Aug 2021 09:55
 Operator : SY/MD
 Sample : VSTD01046
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:06:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	399817	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	381427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	202780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26588	8.580	ug/L	0.00
7) Chloroethane-d5	1.568	69	20562	8.721	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	44598	9.066	ug/L	0.00
21) 2-Butanone-d5	3.892	46	34725	17.114	ug/L	0.02
24) Chloroform-d	4.355	84	47812	8.823	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	28409	9.059	ug/L	0.00
32) Benzene-d6	5.053	84	98769	8.981	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	31158	9.114	ug/L	0.00
41) Toluene-d8	7.320	98	91173	8.946	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	13538	8.080	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	19752	16.736	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37296	8.704	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	38540	9.141	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	26845	9.062	ug/L	98
3) Chloromethane	1.243	50	29302	9.481	ug/L	97
5) Vinyl chloride	1.310	62	29538	9.662	ug/L	99
6) Bromomethane	1.519	94	18488	10.126	ug/L	97
8) Chloroethane	1.584	64	18978	10.320	ug/L	99
9) Trichlorofluoromethane	1.751	101	41561	9.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	23445	9.694	ug/L	95
12) 1,1-Dichloroethene	2.117	96	23058	10.020	ug/L	93
13) Acetone	2.162	43	30525	19.651	ug/L #	73
14) Carbon disulfide	2.294	76	65849	8.752	ug/L	100
15) Methyl Acetate	2.429	43	29536	10.233	ug/L	100
16) Methylene chloride	2.506	84	31631	9.861	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	27434	10.165	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	87782	10.509	ug/L	98
19) 1,1-Dichloroethane	3.195	63	49559	10.332	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	29725	9.494	ug/L	98
22) 2-Butanone	3.973	43	36105	16.184	ug/L	96
23) Bromochloromethane	4.252	128	16257	9.774	ug/L	98
25) Chloroform	4.381	83	53475	10.300	ug/L	97
27) 1,2-Dichloroethane	5.137	62	34642	9.514	ug/L	97
29) Cyclohexane	4.680	56	41388	9.189	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	45093	9.747	ug/L	99
31) Carbon tetrachloride	4.834	117	36745	9.189	ug/L	99
33) Benzene	5.104	78	109374	9.618	ug/L	100
34) Trichloroethene	5.918	95	31733	9.689	ug/L	93
35) Methylcyclohexane	6.137	83	43864	9.261	ug/L	98
37) 1,2-Dichloropropane	6.178	63	28744	9.929	ug/L	99
38) Bromodichloromethane	6.516	83	34254	9.008	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	42004	9.136	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	74191	18.519	ug/L	99
42) Toluene	7.391	91	118414	9.729	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	36696	8.528	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021964.D
 Acq On : 27 Aug 2021 09:55
 Operator : SY/MD
 Sample : VSTD01046
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

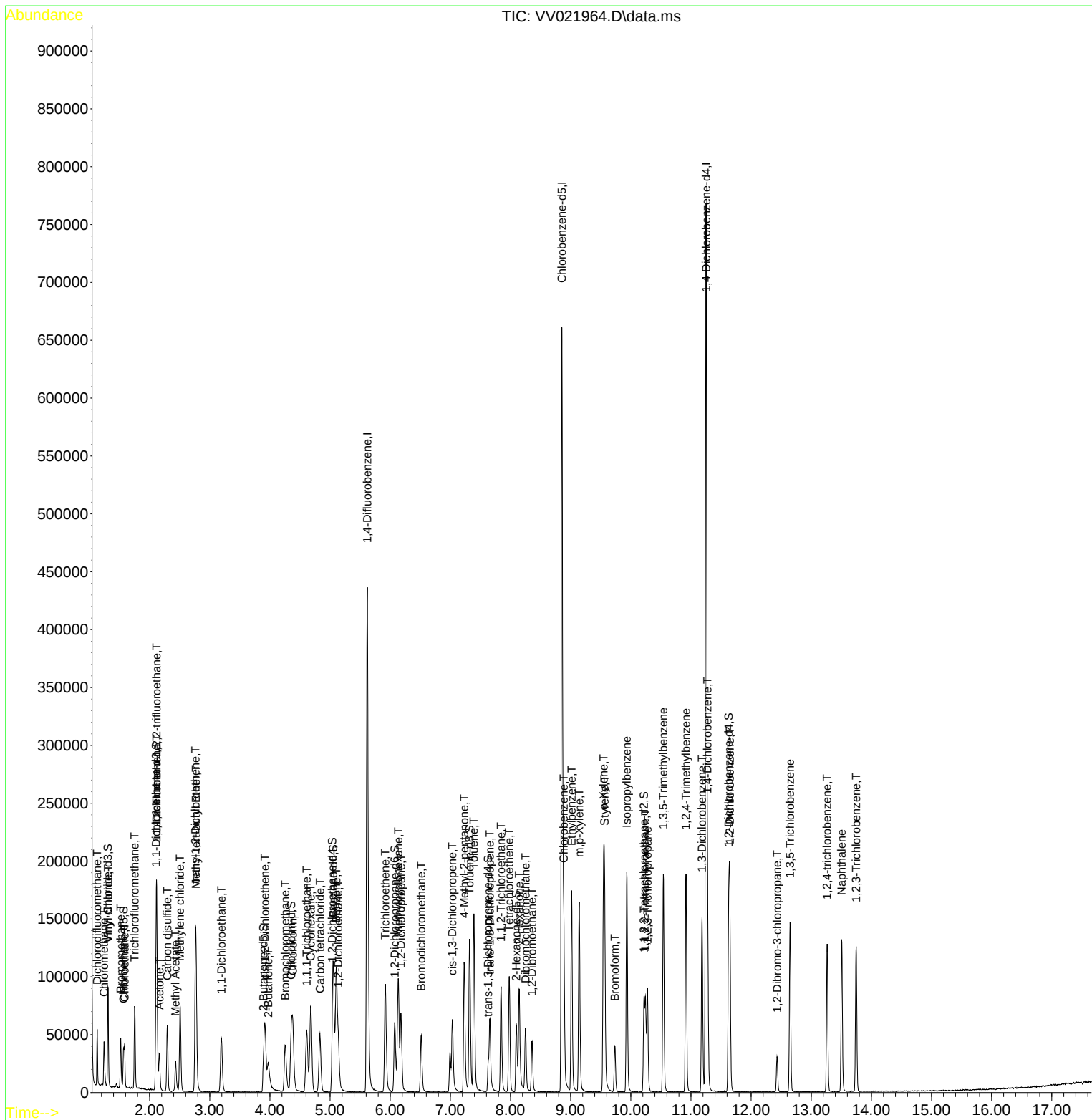
Quant Time: Aug 28 02:06:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

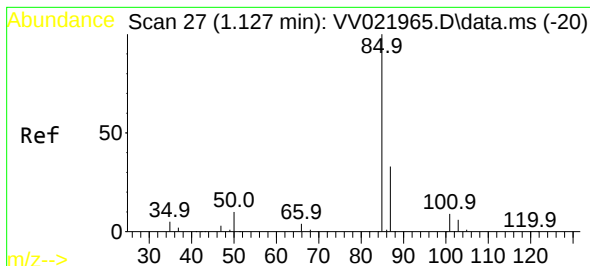
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	29261	10.071	ug/L	96
46) Tetrachloroethene	7.979	164	23666	9.710	ug/L	99
48) 2-Hexanone	8.143	43	61333	19.808	ug/L	93
49) Dibromochloromethane	8.249	129	28701	9.021	ug/L	96
50) 1,2-Dibromoethane	8.358	107	29973	9.463	ug/L	96
51) Chlorobenzene	8.886	112	80229	10.037	ug/L	99
52) Ethylbenzene	9.014	91	126499	9.722	ug/L	100
53) m,p-Xylene	9.143	106	48719	9.634	ug/L	100
54) o-Xylene	9.548	106	48094	9.633	ug/L	99
55) Styrene	9.564	104	80701	9.607	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	39056	9.564	ug/L	97
59) Bromoform	9.738	173	18957	8.231	ug/L	100
60) Isopropylbenzene	9.934	105	128362	9.737	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	36052	9.863	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	104296	9.432	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	105253	9.373	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	64292	10.011	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	66329	10.294	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	64431	9.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	6967	7.843	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	46589	9.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	39392	9.965	ug/L	98
71) Naphthalene	13.506	128	106537	9.272	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	39215	9.896	ug/L	99

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

Quant Time: Aug 28 02:06:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 28 02:05:13 2021
Response via : Initial Calibration

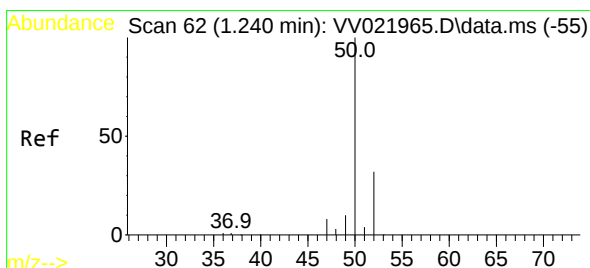
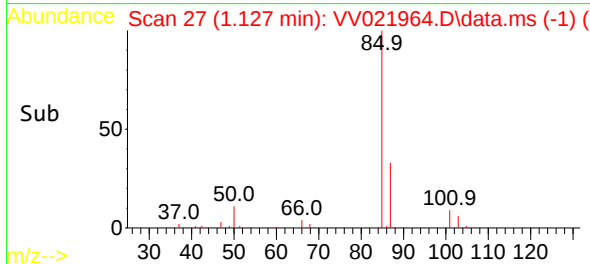
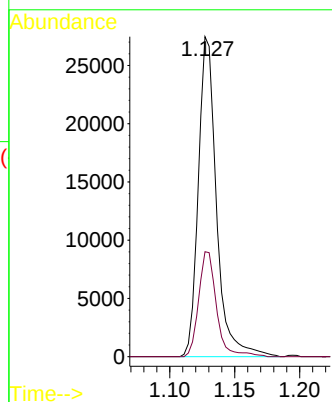
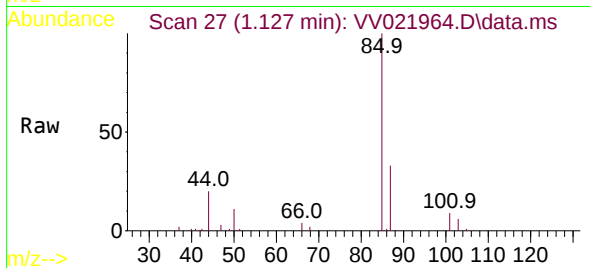




#2
Dichlorodifluoromethane
Concen: 9.062 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

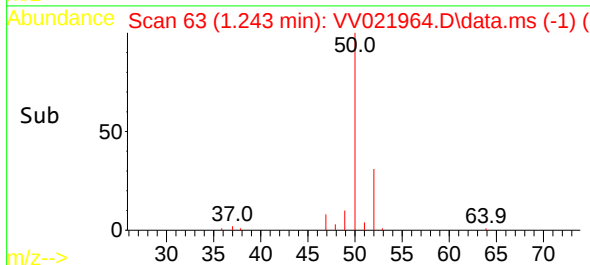
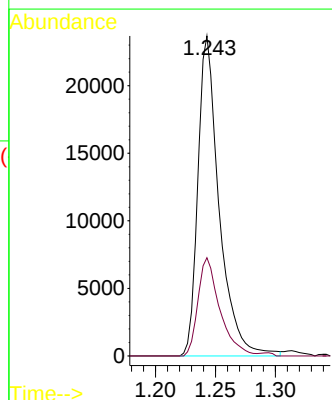
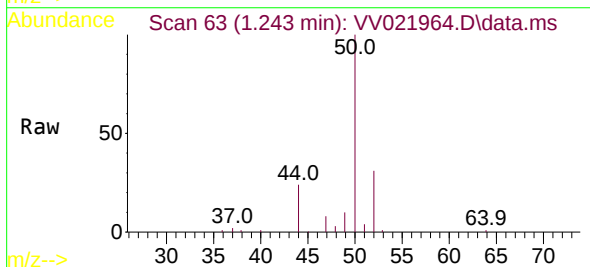
Instrument :
MSVOA_V
ClientSampled :

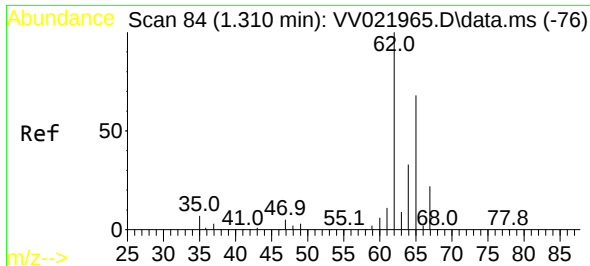
Tgt Ion: 85 Resp: 26845
Ion Ratio Lower Upper
85 100
87 31.5 26.0 39.0



#3
Chloromethane
Concen: 9.481 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 50 Resp: 29302
Ion Ratio Lower Upper
50 100
52 30.7 22.5 41.9

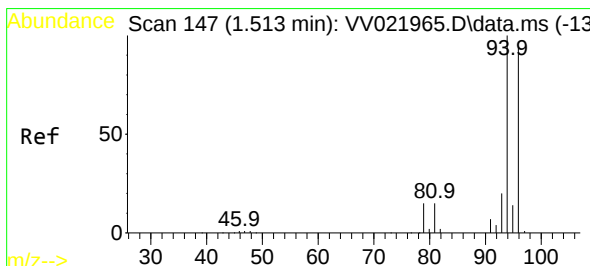
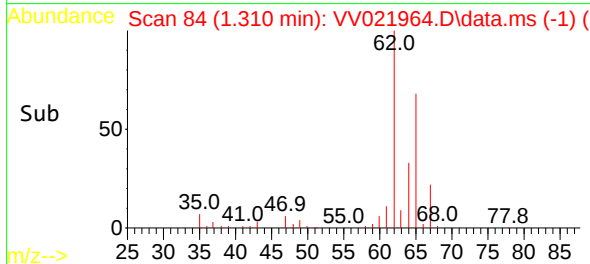
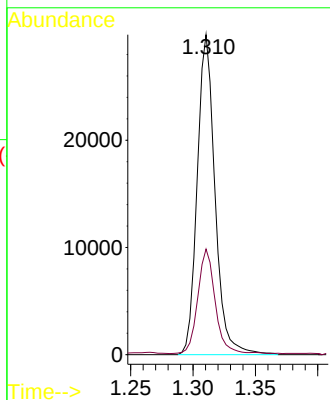
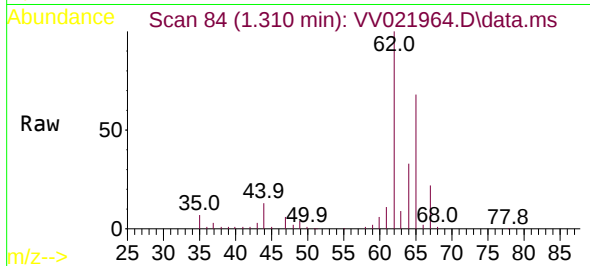




#5
 Vinyl chloride
 Concen: 9.662 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021964.D
 Acq: 27 Aug 2021 09:55

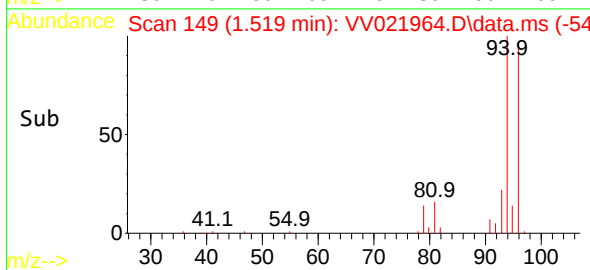
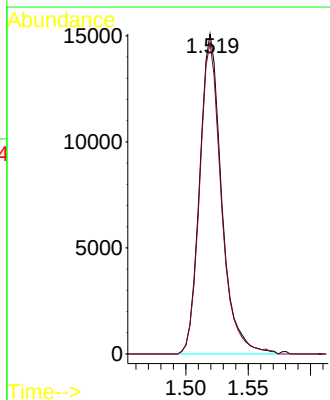
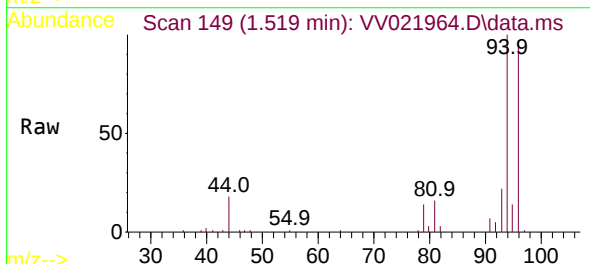
Instrument :
 MSVOA_V
 ClientSampled :

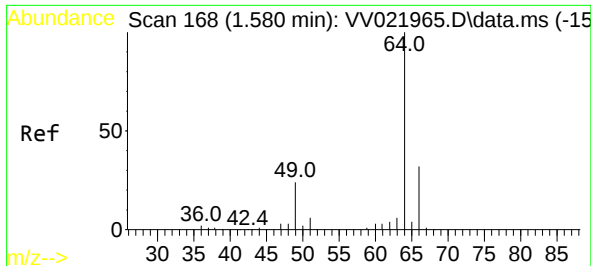
Tgt Ion: 62 Resp: 29538
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.6



#6
 Bromomethane
 Concen: 10.126 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV021964.D
 Acq: 27 Aug 2021 09:55

Tgt Ion: 94 Resp: 18488
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.8 122.2

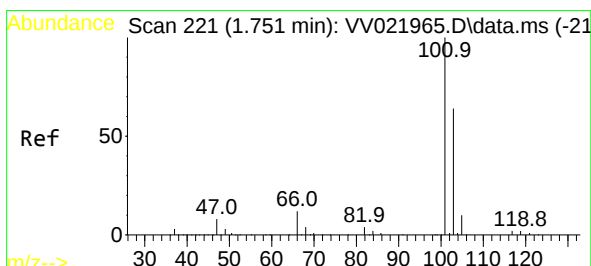
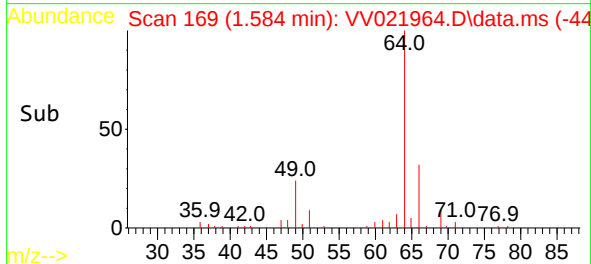
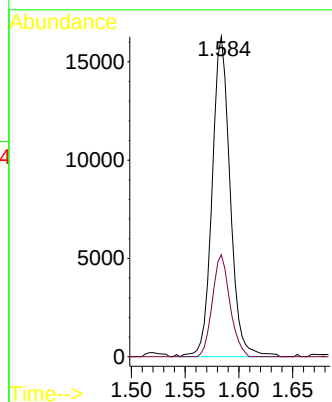
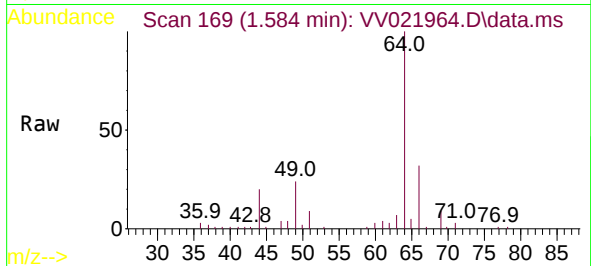




#8
Chloroethane
Concen: 10.320 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

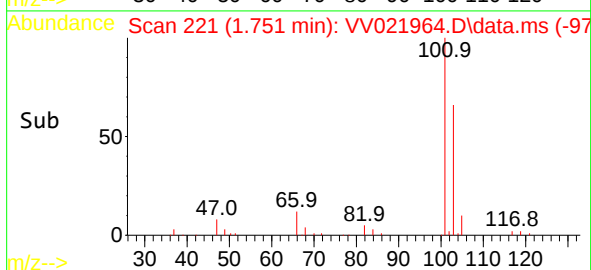
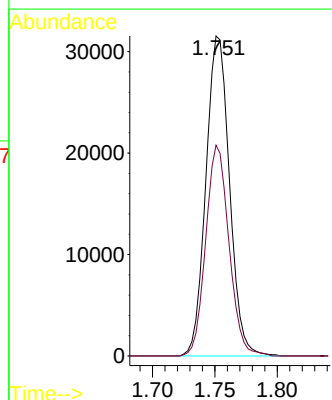
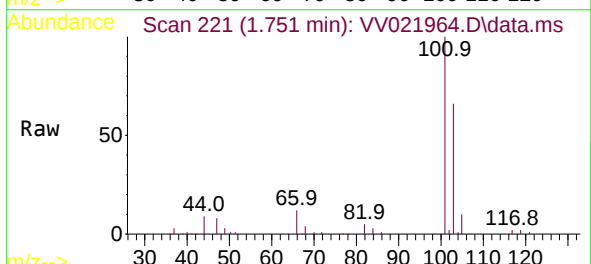
Instrument :
MSVOA_V
ClientSampled :

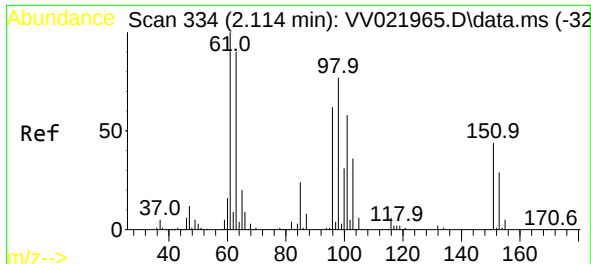
Tgt Ion: 64 Resp: 18978
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 9.889 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:101 Resp: 41561
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

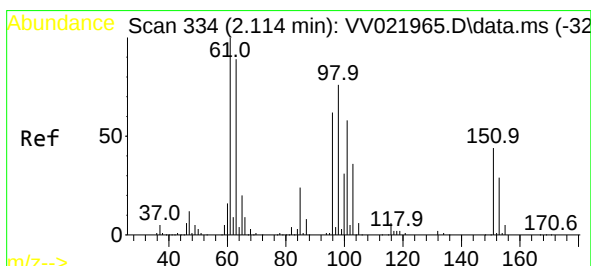
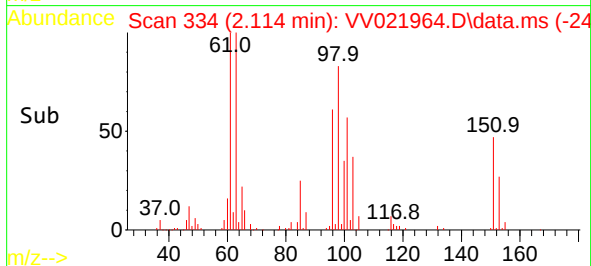
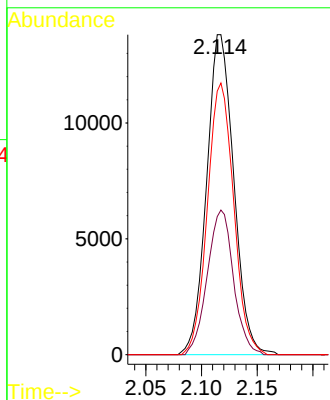
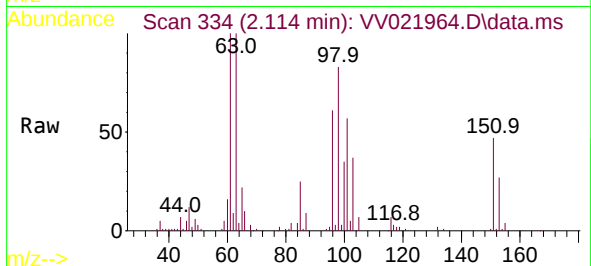




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.694 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

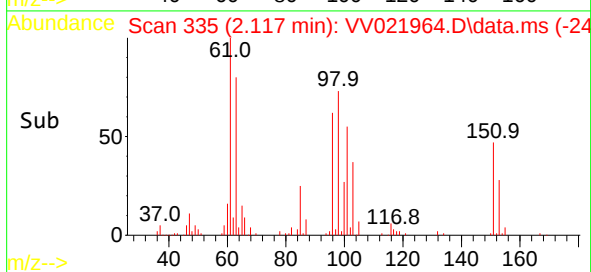
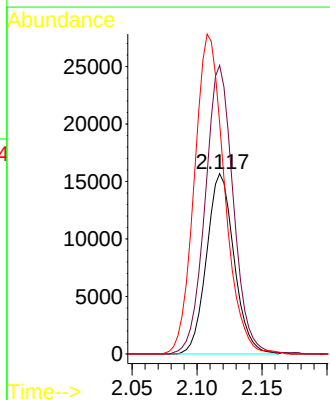
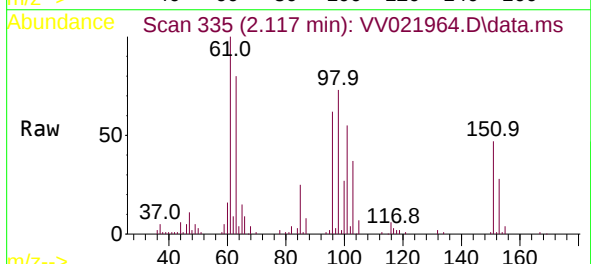
Instrument :
MSVOA_V
ClientSampleId :

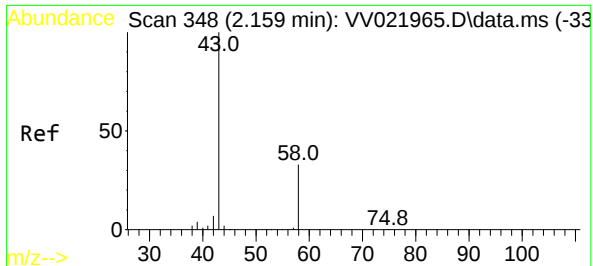
Tgt Ion:101 Resp: 23445
Ion Ratio Lower Upper
101 100
85 43.5 33.4 50.0
151 82.2 61.7 92.5



#12
1,1-Dichloroethene
Concen: 10.020 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 96 Resp: 23058
Ion Ratio Lower Upper
96 100
61 160.1 113.2 210.2
63 128.1 102.3 189.9

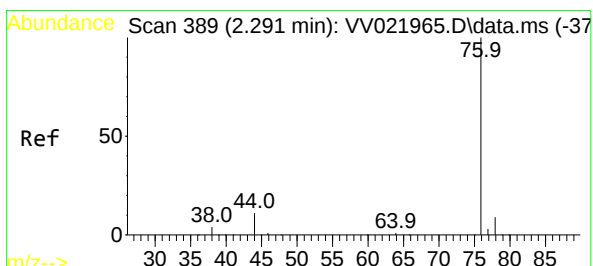
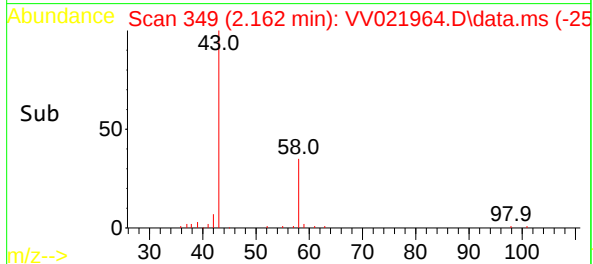
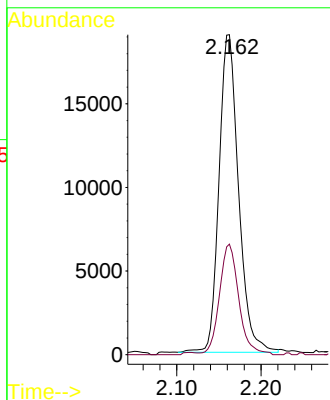
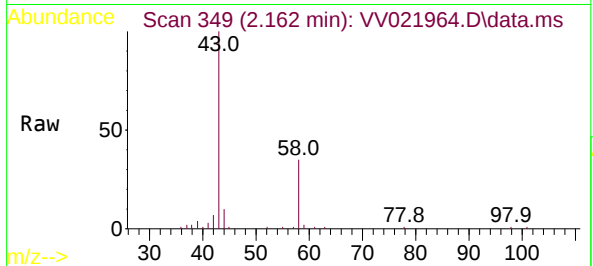




#13
Acetone
Concen: 19.651 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

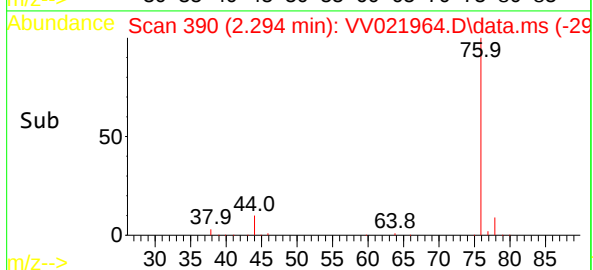
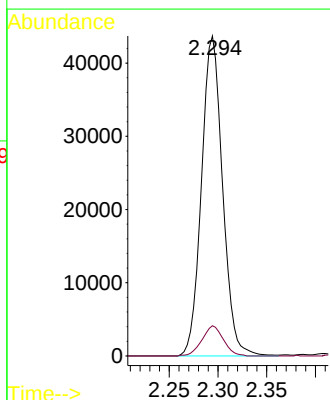
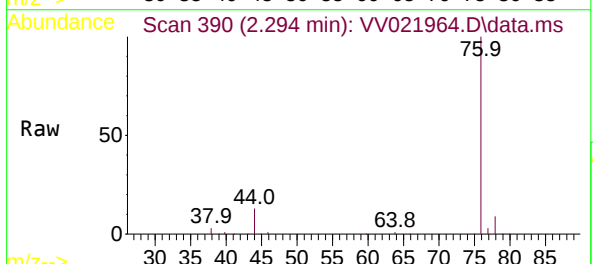
Instrument :
MSVOA_V
ClientSampled :

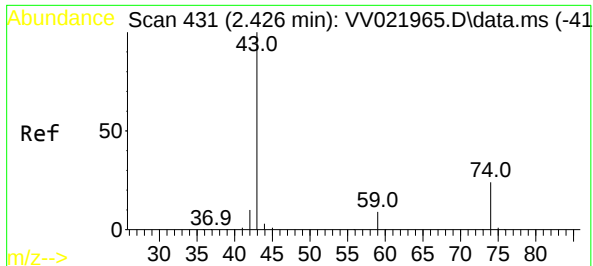
Tgt Ion: 43 Resp: 30525
Ion Ratio Lower Upper
43 100
58 34.4 0.0 0.4#



#14
Carbon disulfide
Concen: 8.752 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 76 Resp: 65849
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

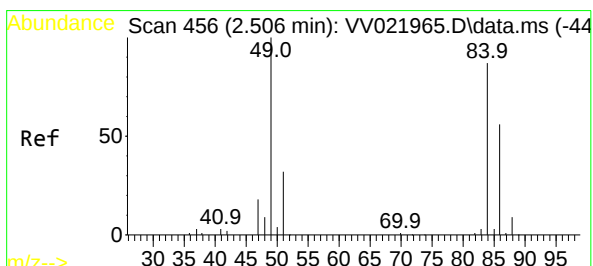
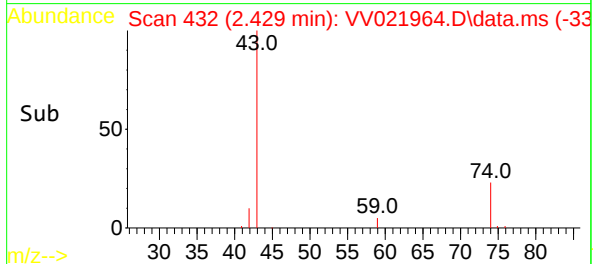
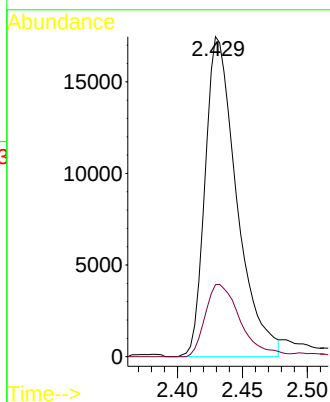
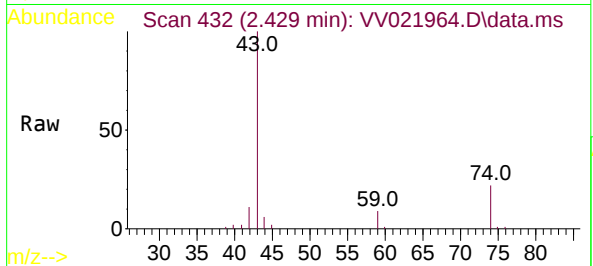




#15
Methyl Acetate
Concen: 10.233 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

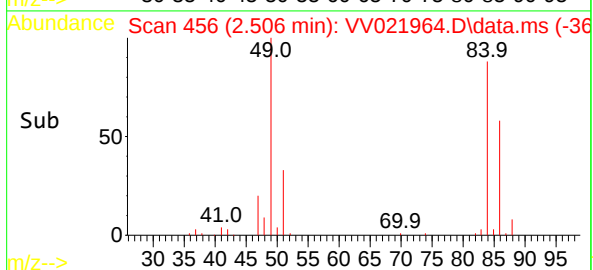
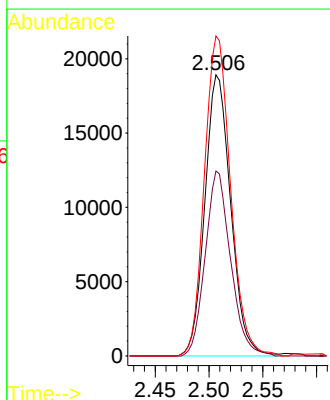
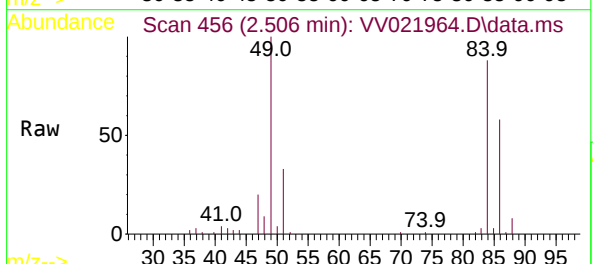
Instrument :
MSVOA_V
ClientSampled :

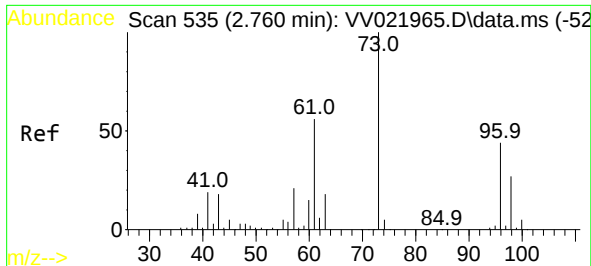
Tgt Ion: 43 Resp: 29536
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2



#16
Methylene chloride
Concen: 9.861 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 84 Resp: 31631
Ion Ratio Lower Upper
84 100
86 65.8 44.8 83.2
49 113.8 80.2 149.0

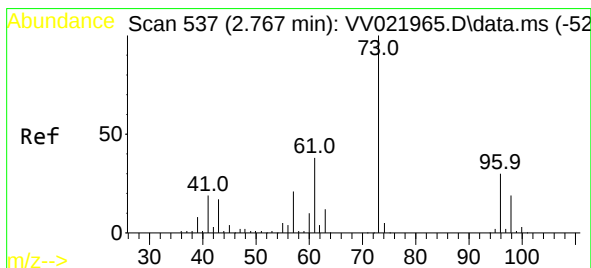
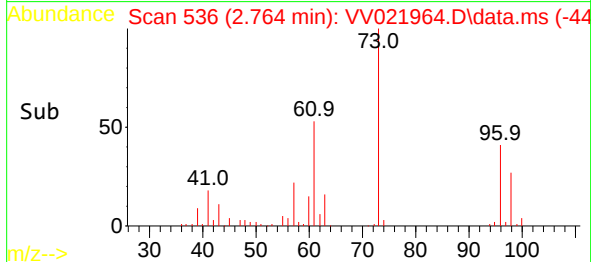
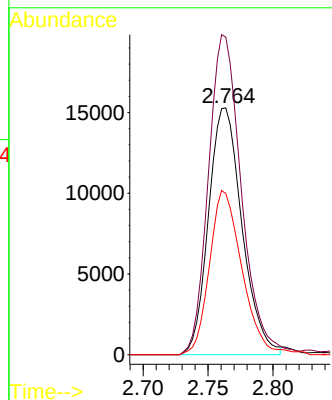
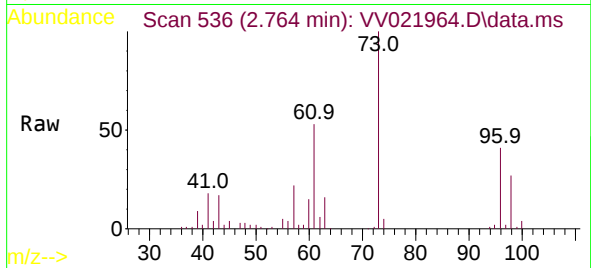




#17
trans-1,2-Dichloroethene
Concen: 10.165 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

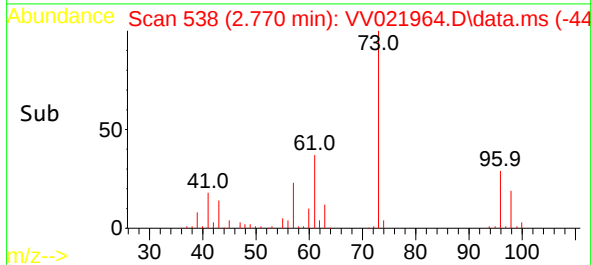
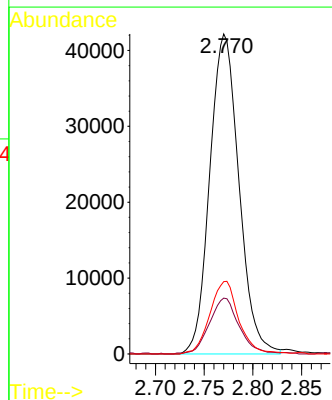
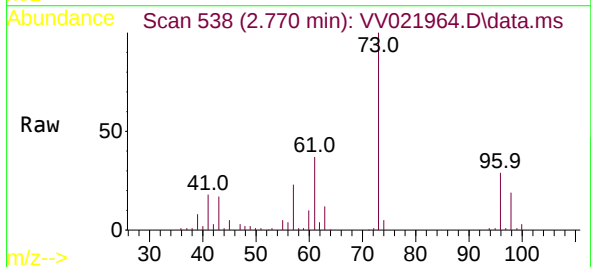
Tgt Ion: 96 Resp: 27434
Ion Ratio Lower Upper
96 100
61 128.7 89.1 165.5
98 65.3 43.8 81.3

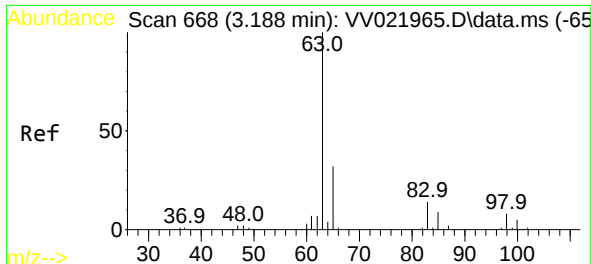
Instrument :
MSVOA_V
ClientSampled :



#18
Methyl tert-butyl Ether
Concen: 10.509 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 73 Resp: 87782
Ion Ratio Lower Upper
73 100
43 16.8 13.8 20.6
57 22.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 10.332 ug/L

RT: 3.195 min Scan# 670

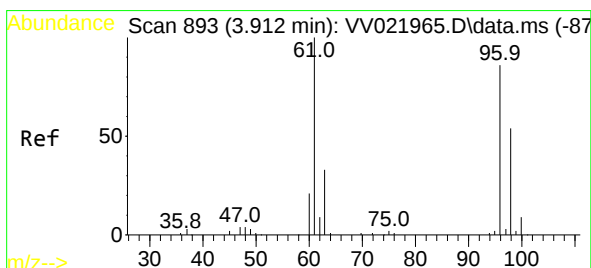
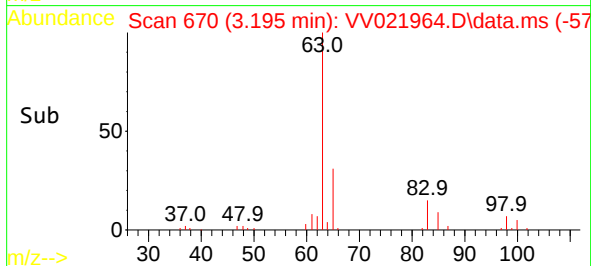
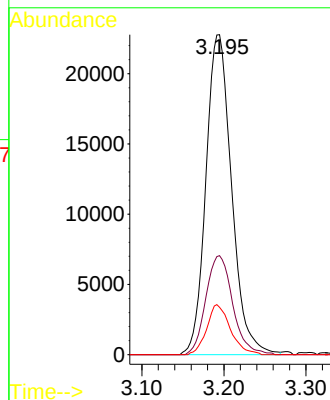
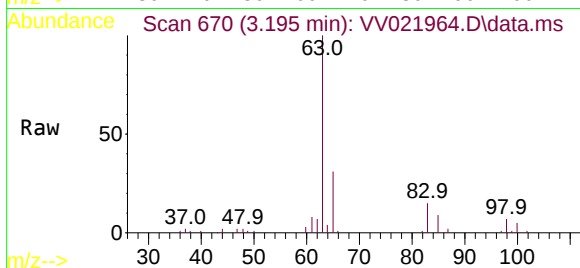
Delta R.T. 0.006 min

Lab File: VV021964.D

Acq: 27 Aug 2021 09:55

Tgt Ion:	63	Resp:	49559
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.2	41.2
83	14.8	9.7	17.9

Instrument :
MSVOA_V
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 9.494 ug/L

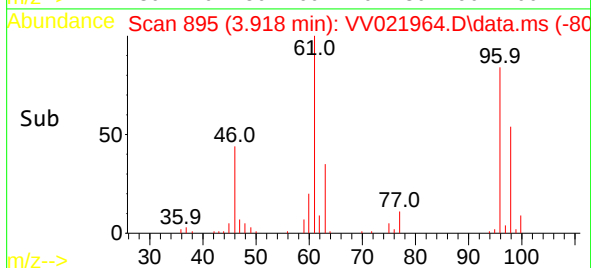
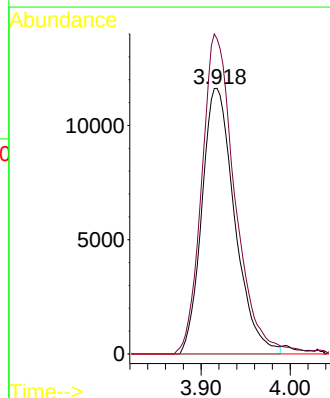
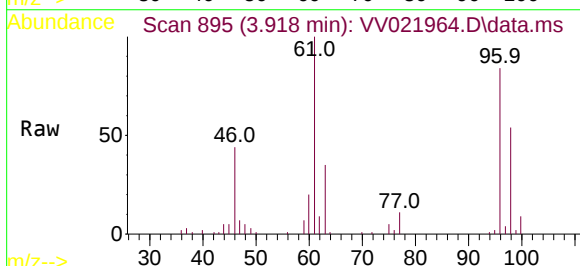
RT: 3.918 min Scan# 895

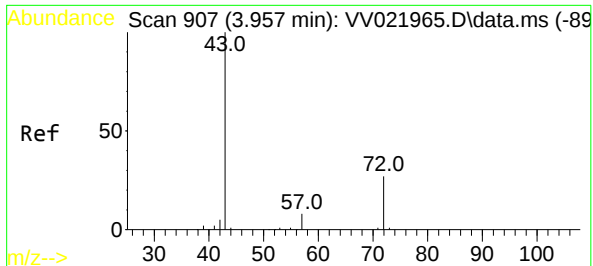
Delta R.T. 0.006 min

Lab File: VV021964.D

Acq: 27 Aug 2021 09:55

Tgt Ion:	96	Resp:	29725
Ion	Ratio	Lower	Upper
96	100		
61	118.5	81.8	152.0
68	0.0	0.0	0.0

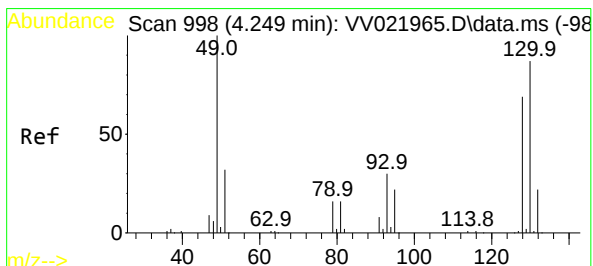
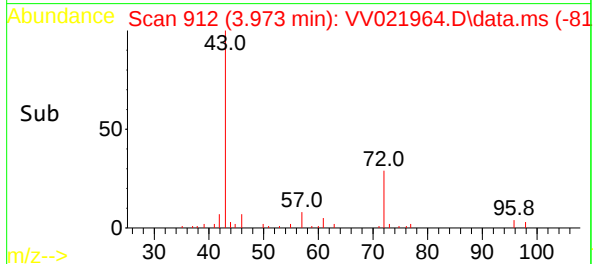
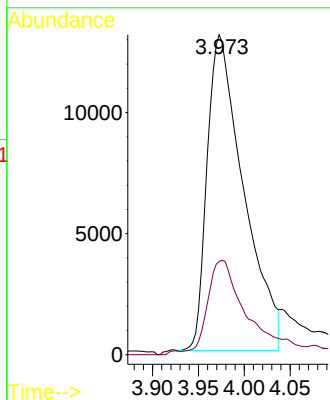
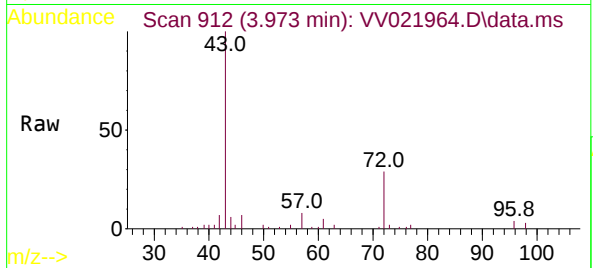




#22
2-Butanone
Concen: 16.184 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.016 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

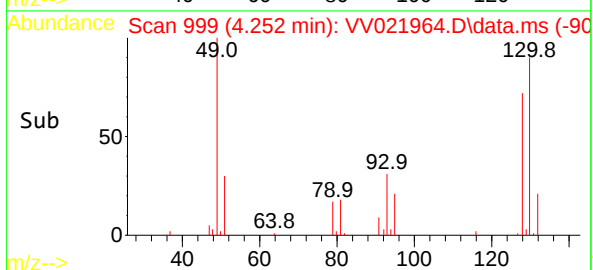
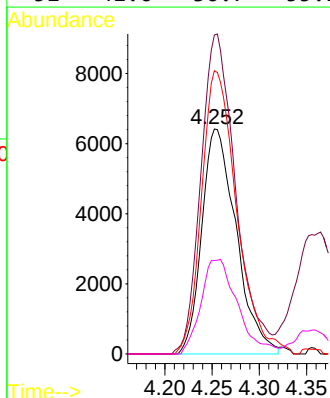
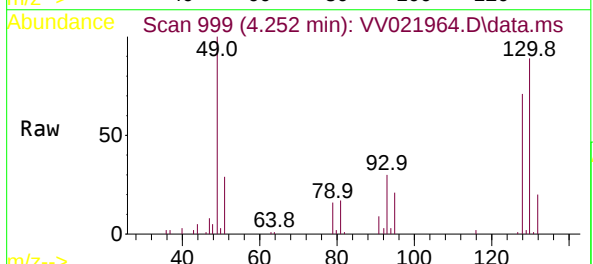
Instrument :
MSVOA_V
ClientSampled :

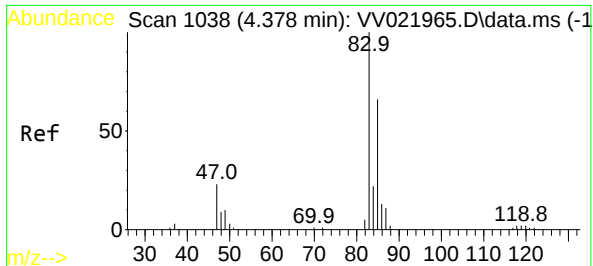
Tgt Ion: 43 Resp: 36105
Ion Ratio Lower Upper
43 100
72 28.5 13.3 39.8



#23
Bromochloromethane
Concen: 9.774 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 128 Resp: 16257
Ion Ratio Lower Upper
128 100
49 141.7 101.6 188.8
130 125.8 88.5 164.3
51 41.6 36.7 55.1





#25

Chloroform

Concen: 10.300 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV021964.D

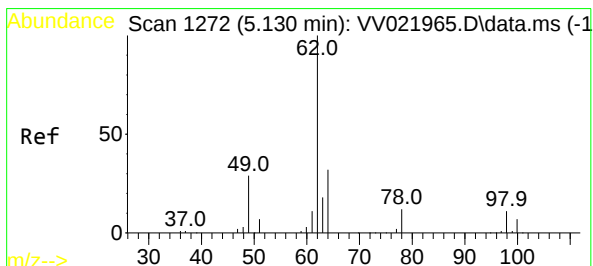
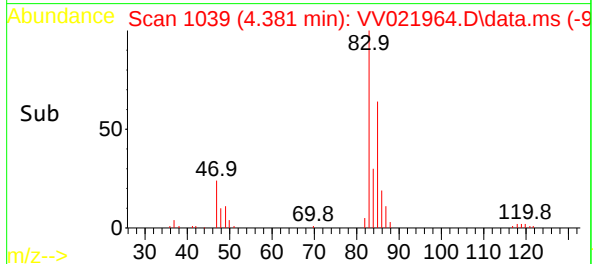
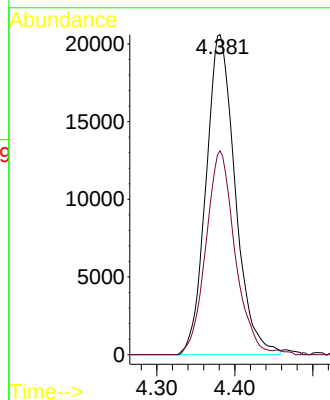
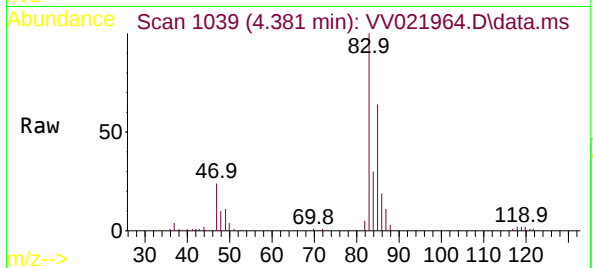
Acq: 27 Aug 2021 09:55

Tgt Ion: 83 Resp: 53475

Ion Ratio Lower Upper

83 100

85 63.7 46.3 85.9



#27

1,2-Dichloroethane

Concen: 9.514 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV021964.D

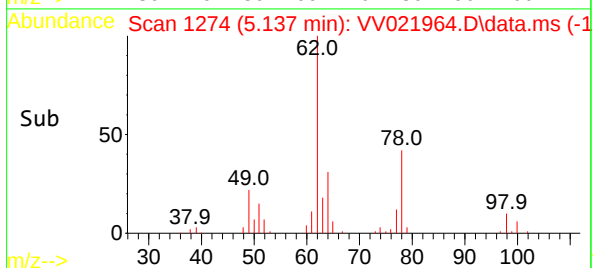
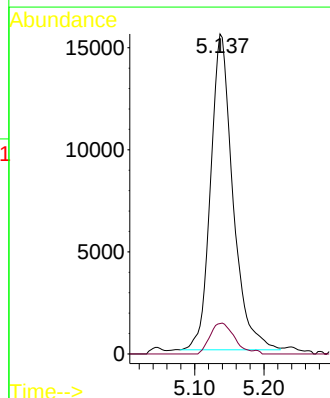
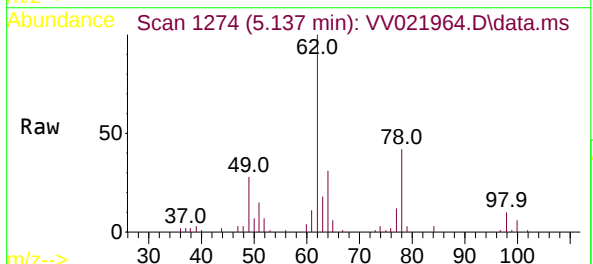
Acq: 27 Aug 2021 09:55

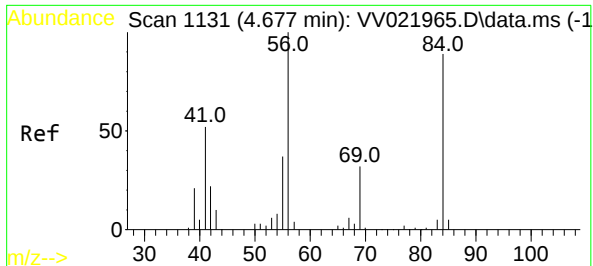
Tgt Ion: 62 Resp: 34642

Ion Ratio Lower Upper

62 100

98 9.5 8.5 12.7





#29

Cyclohexane

Concen: 9.189 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV021964.D

Acq: 27 Aug 2021 09:55

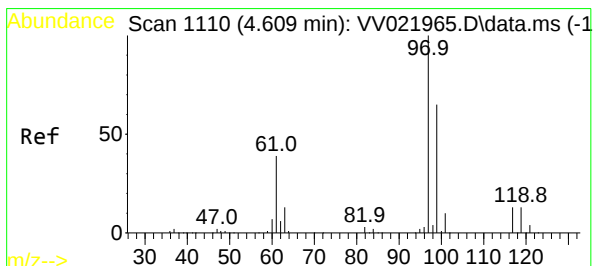
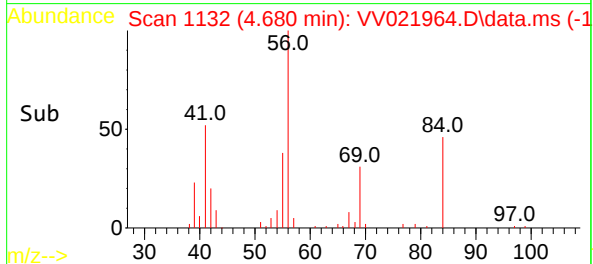
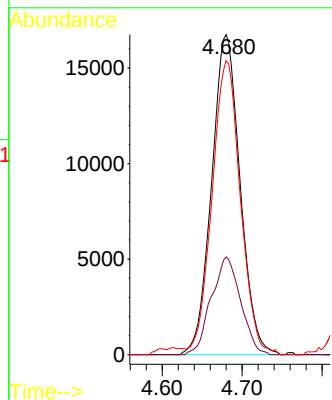
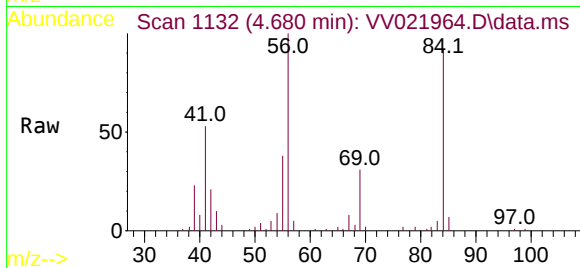
Tgt Ion: 56 Resp: 41388

Ion Ratio Lower Upper

56 100

69 31.4 25.2 37.8

84 91.6 74.6 111.8



#30

1,1,1-Trichloroethane

Concen: 9.747 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV021964.D

Acq: 27 Aug 2021 09:55

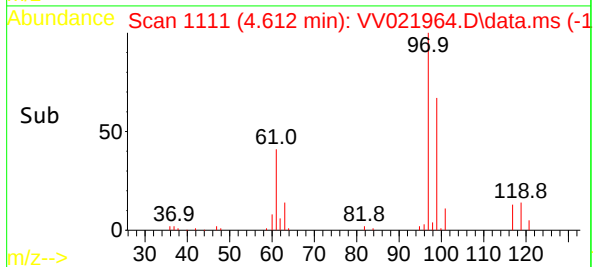
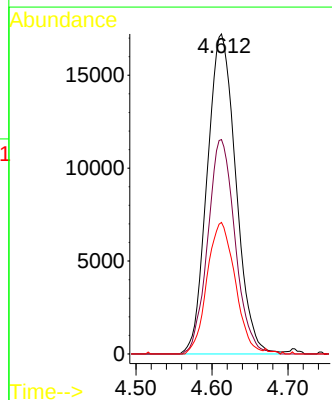
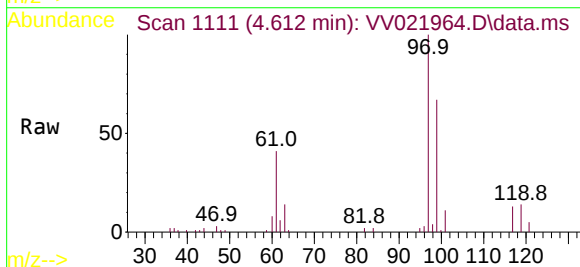
Tgt Ion: 97 Resp: 45093

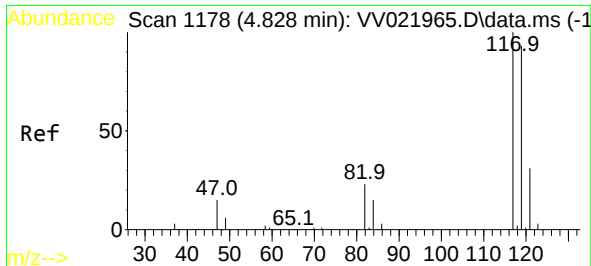
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 40.2 31.8 47.8

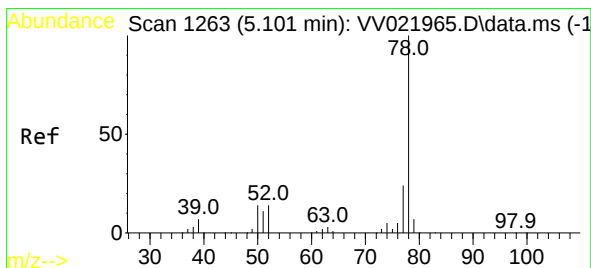
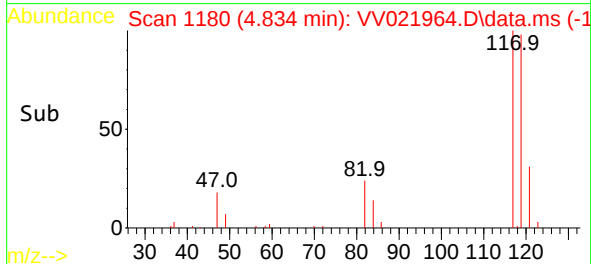
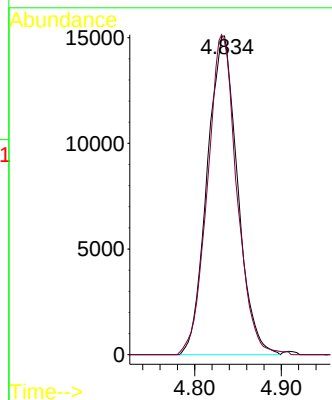
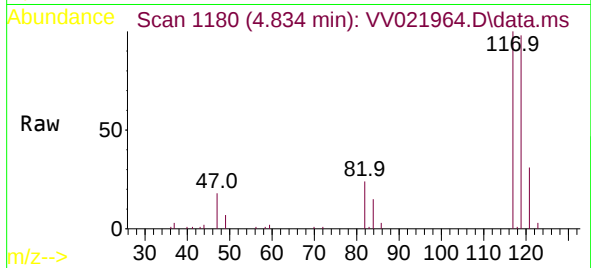




#31
Carbon tetrachloride
Concen: 9.189 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

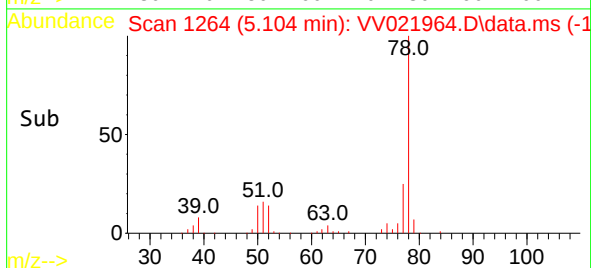
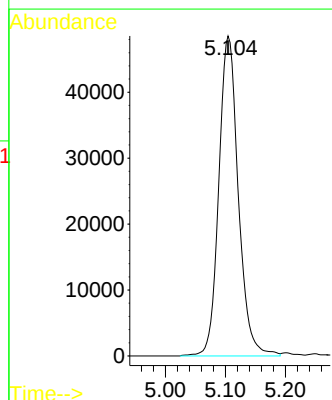
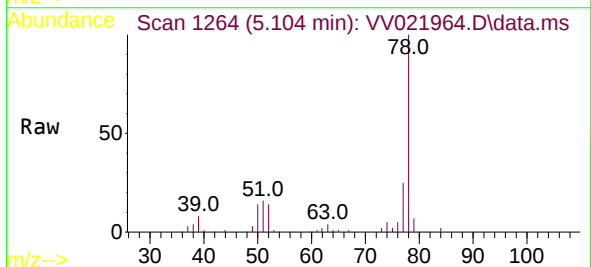
Instrument :
MSVOA_V
ClientSampled :

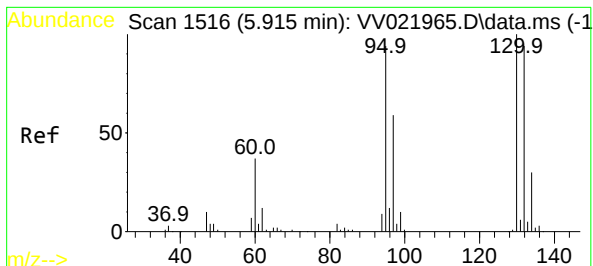
Tgt Ion:117 Resp: 36745
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 9.618 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 78 Resp: 109374

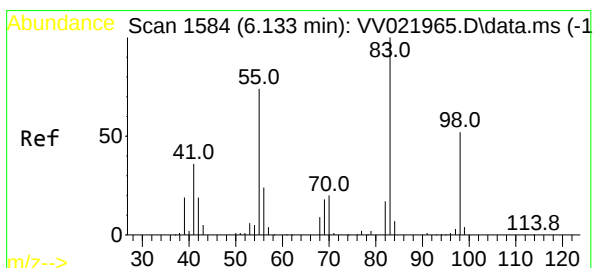
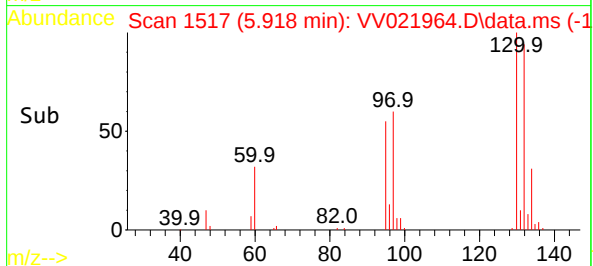
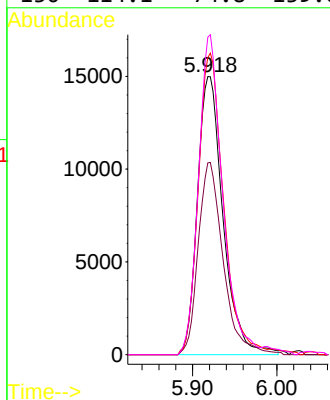
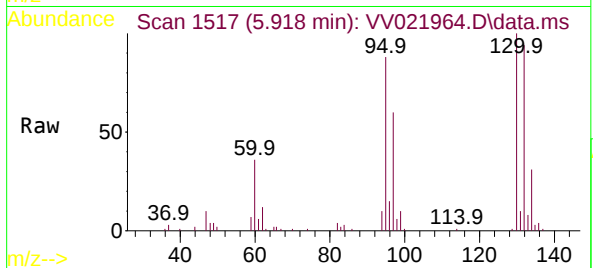




#34
Trichloroethene
Concen: 9.689 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

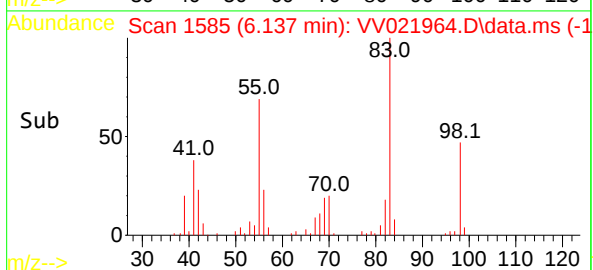
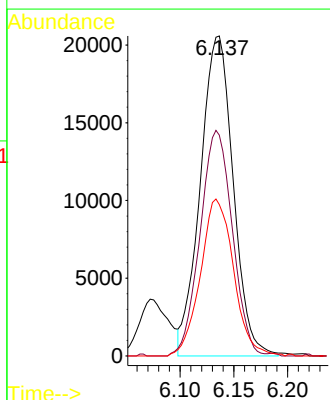
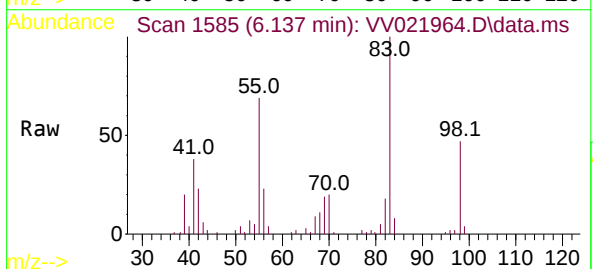
Instrument :
MSVOA_V
ClientSampled :

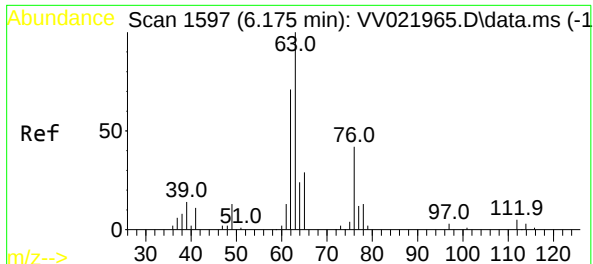
Tgt Ion: 95 Resp: 31733
Ion Ratio Lower Upper
95 100
97 69.0 44.1 81.9
132 106.8 70.7 131.3
130 114.1 74.8 139.0



#35
Methylcyclohexane
Concen: 9.261 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 83 Resp: 43864
Ion Ratio Lower Upper
83 100
55 69.0 56.8 85.2
98 49.4 39.9 59.9

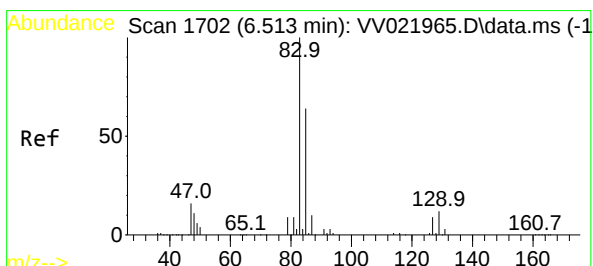
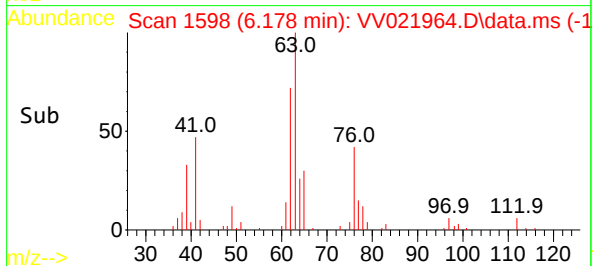
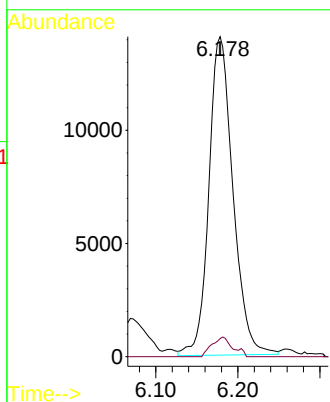
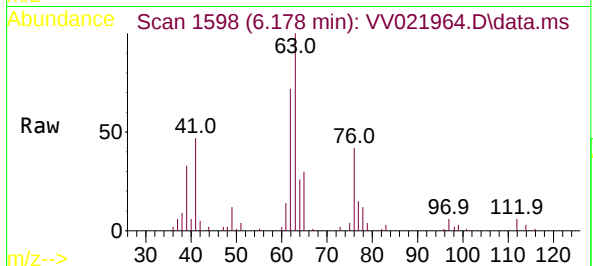




#37
1,2-Dichloropropane
Concen: 9.929 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

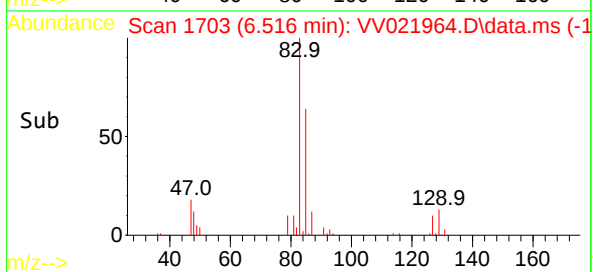
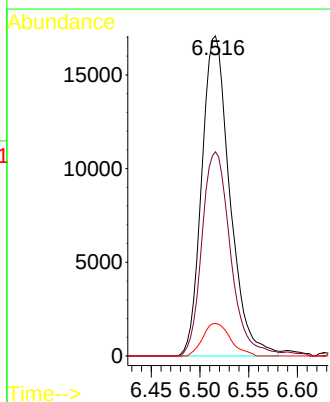
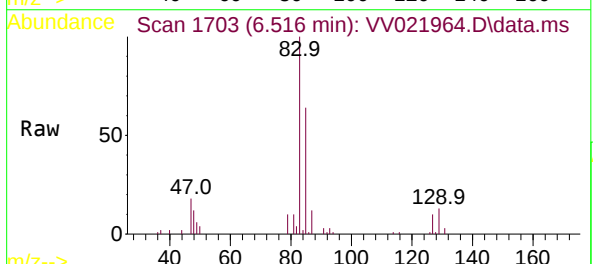
Instrument :
MSVOA_V
ClientSampled :

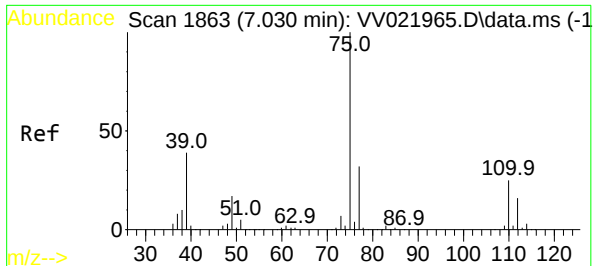
Tgt Ion: 63 Resp: 28744
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 9.008 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 83 Resp: 34254
Ion Ratio Lower Upper
83 100
85 63.8 44.8 83.2
127 10.2 7.3 10.9



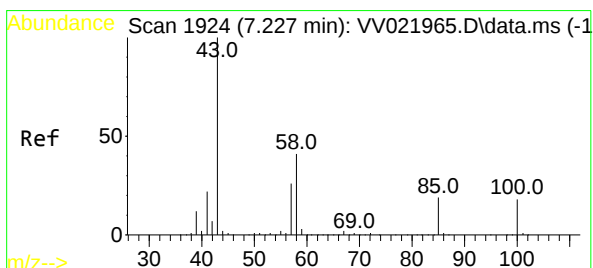
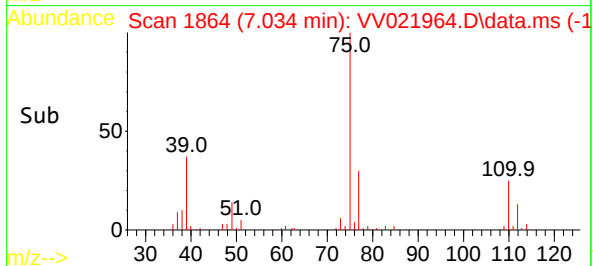
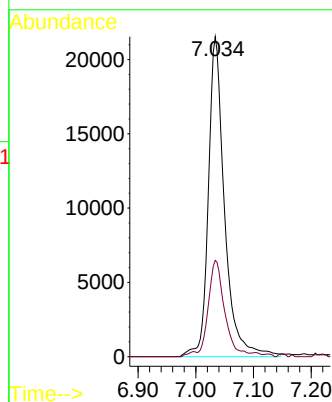
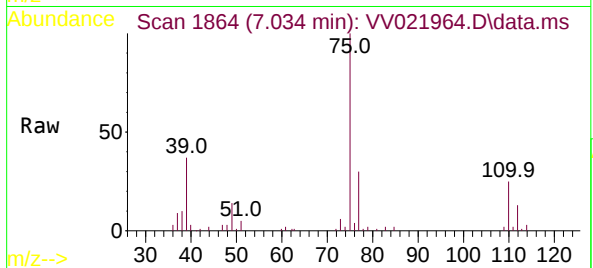


#39

cis-1,3-Dichloropropene
 Concen: 9.136 ug/L
 RT: 7.034 min Scan# 1864
 Delta R.T. 0.003 min
 Lab File: VV021964.D
 Acq: 27 Aug 2021 09:55

Instrument :
 MSVOA_V
 ClientSampled :

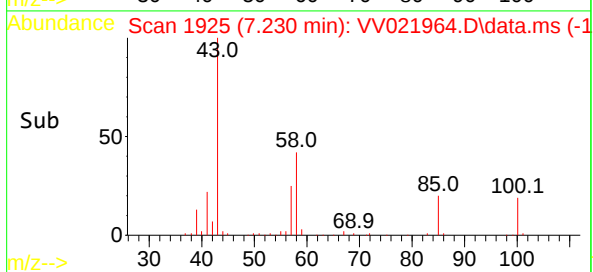
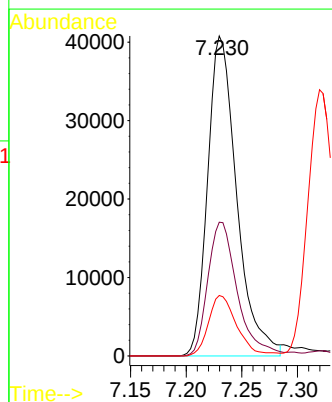
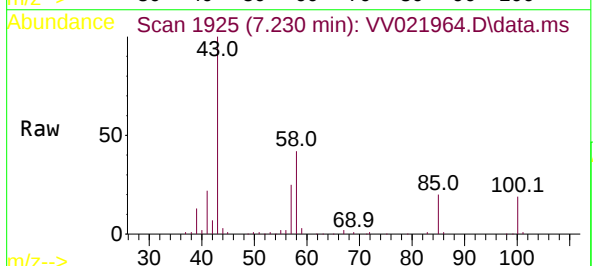
Tgt Ion: 75 Resp: 42004
 Ion Ratio Lower Upper
 75 100
 77 30.1 22.7 42.1

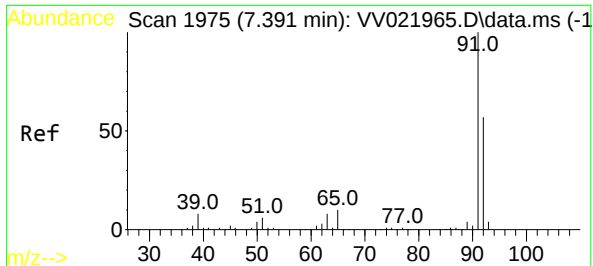


#40

4-Methyl-2-pentanone
 Concen: 18.519 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV021964.D
 Acq: 27 Aug 2021 09:55

Tgt Ion: 43 Resp: 74191
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.3 49.9
 100 18.5 14.5 21.7

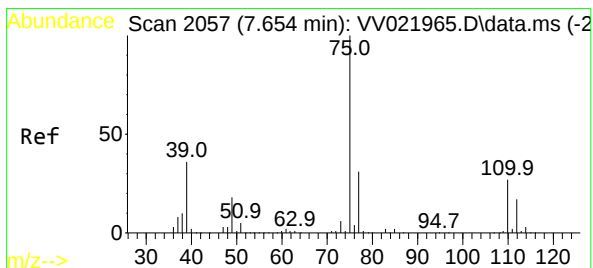
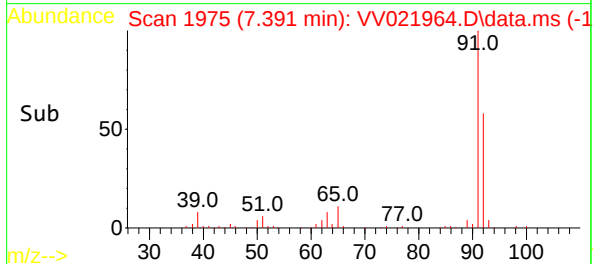
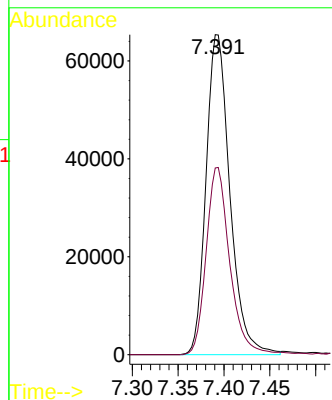
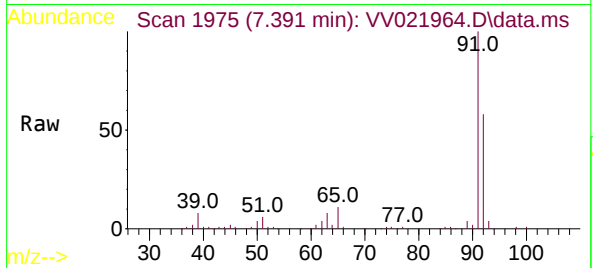




#42
Toluene
Concen: 9.729 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

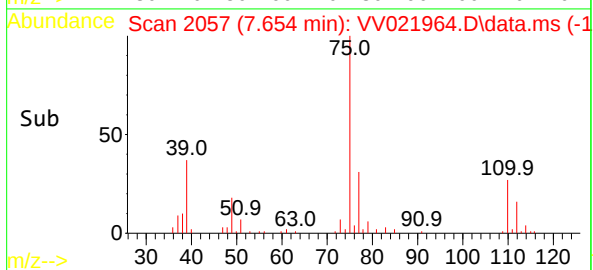
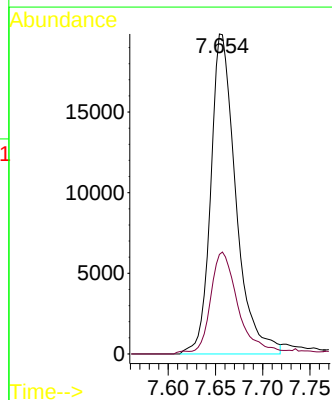
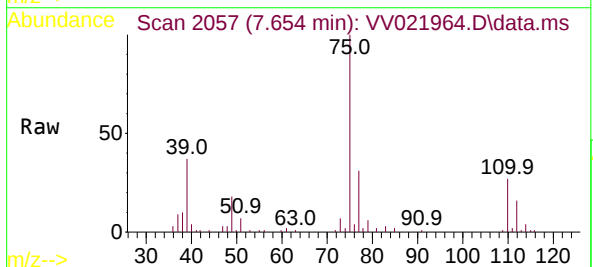
Instrument :
MSVOA_V
ClientSampled :

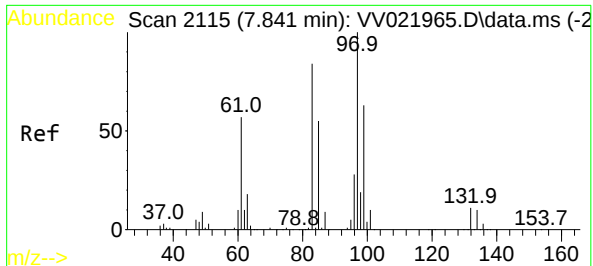
Tgt Ion: 91 Resp: 118414
Ion Ratio Lower Upper
91 100
92 58.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 8.528 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 75 Resp: 36696
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6



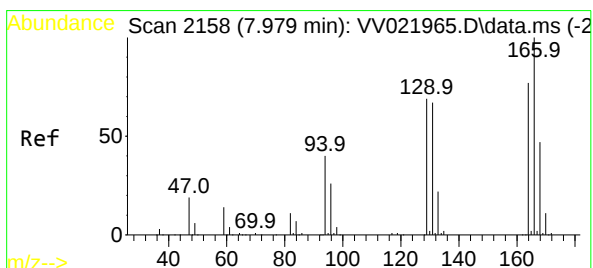
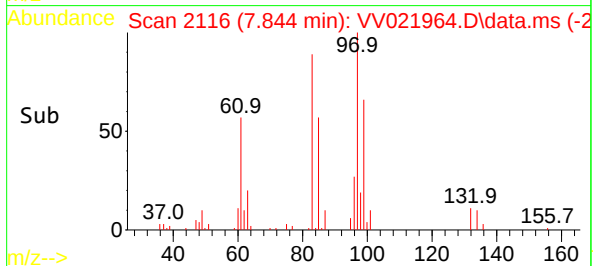
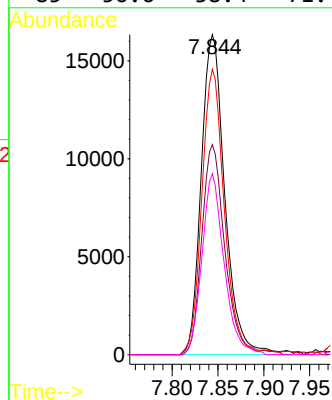
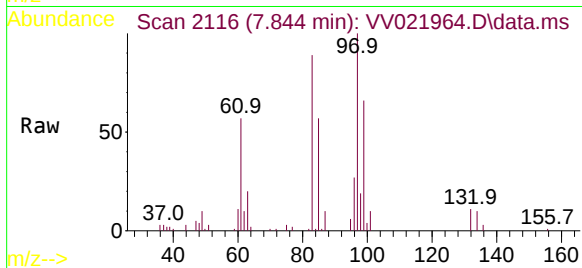


#45

1,1,2-Trichloroethane
Concen: 10.071 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Instrument :
MSVOA_V
ClientSampled :

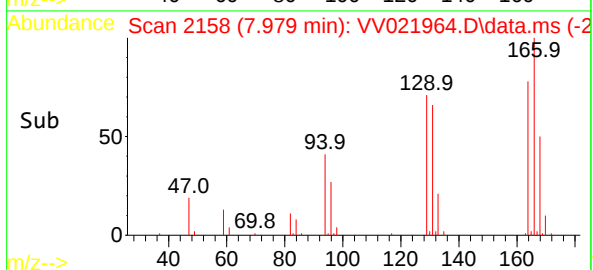
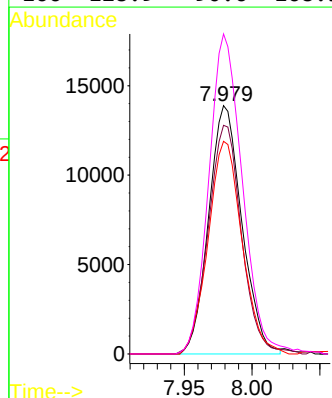
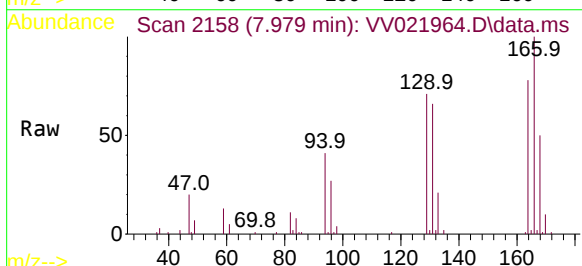
Tgt Ion:	97	Resp:	29261
Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.8	81.4
83	89.2	58.8	109.2
85	56.6	38.4	71.4

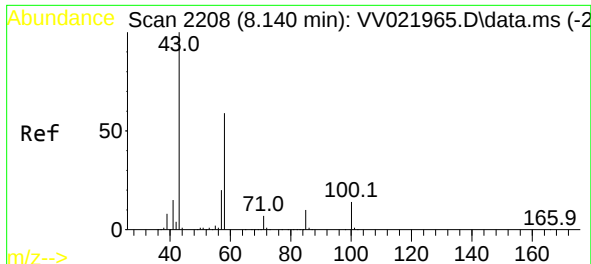


#46

Tetrachloroethene
Concen: 9.710 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:	164	Resp:	23666
Ion	Ratio	Lower	Upper
164	100		
129	92.1	62.9	116.9
131	85.7	61.0	113.4
166	128.9	90.6	168.3

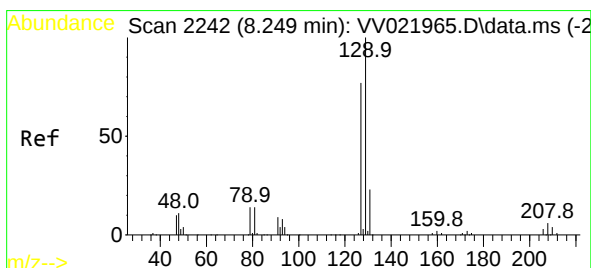
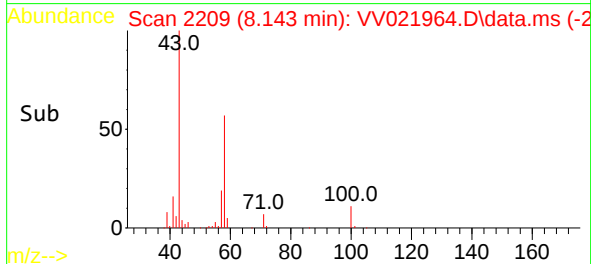
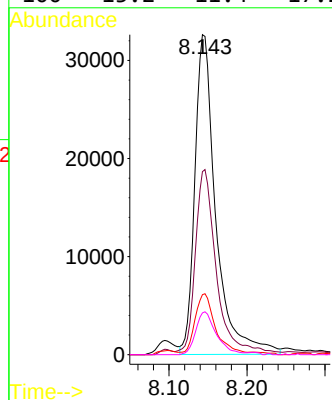
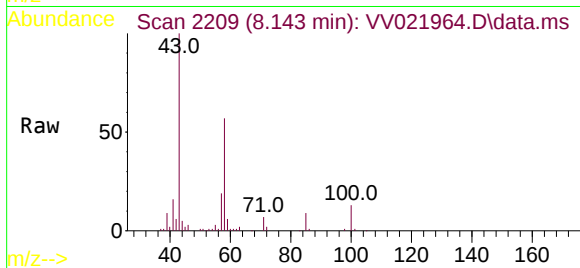




#48
2-Hexanone
Concen: 19.808 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

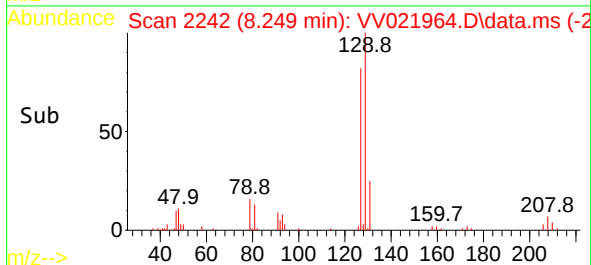
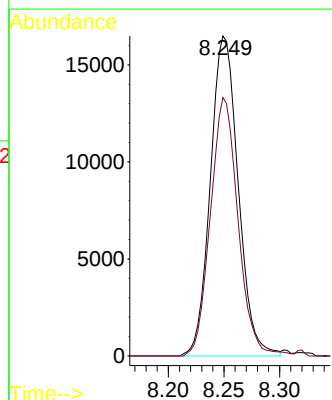
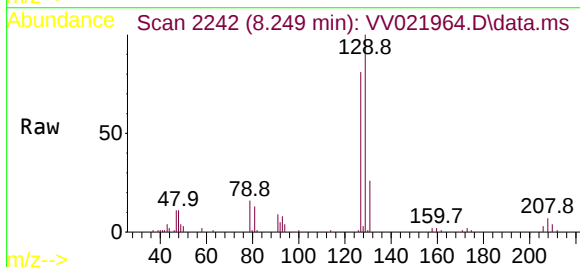
Instrument :
MSVOA_V
ClientSampleId :

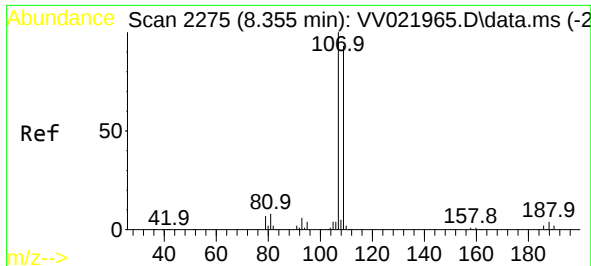
Tgt Ion: 43 Resp: 61333
Ion Ratio Lower Upper
43 100
58 53.4 47.5 71.3
57 17.2 15.9 23.9
100 13.2 11.4 17.2



#49
Dibromochloromethane
Concen: 9.021 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 129 Resp: 28701
Ion Ratio Lower Upper
129 100
127 80.7 54.1 100.5

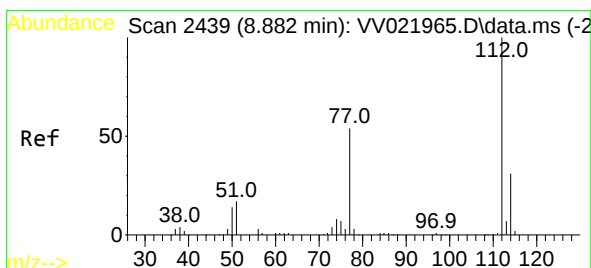
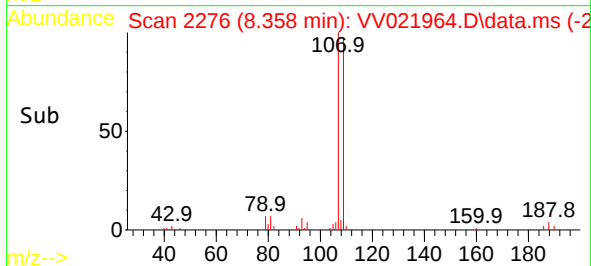
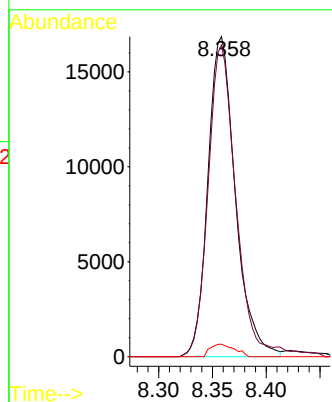
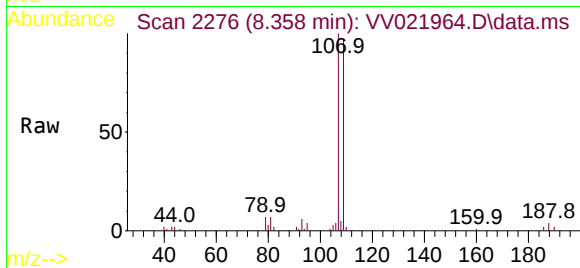




#50
1,2-Dibromoethane
Concen: 9.463 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

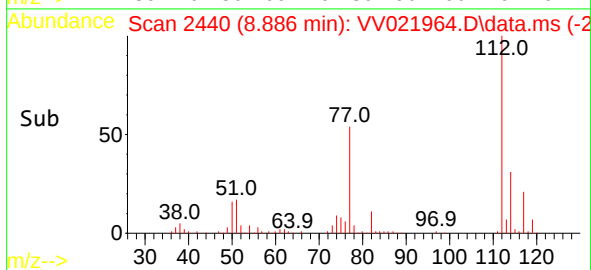
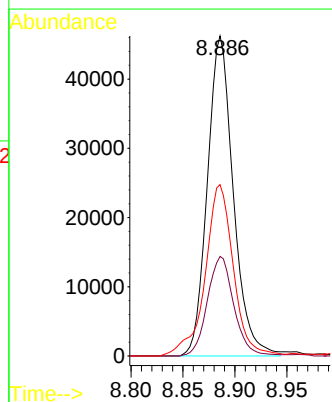
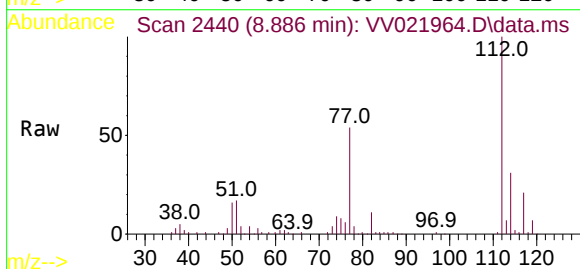
Instrument :
MSVOA_V
ClientSampleId :

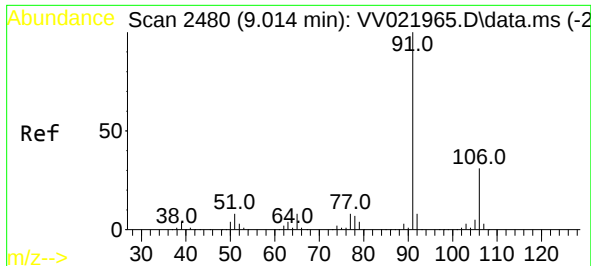
Tgt Ion:107 Resp: 29973
Ion Ratio Lower Upper
107 100
109 97.3 65.5 121.6
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 10.037 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:112 Resp: 80229
Ion Ratio Lower Upper
112 100
114 31.1 22.0 41.0
77 53.5 43.2 64.8

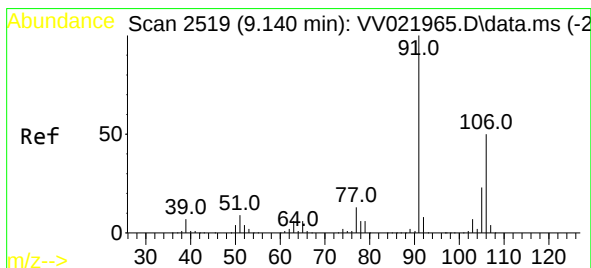
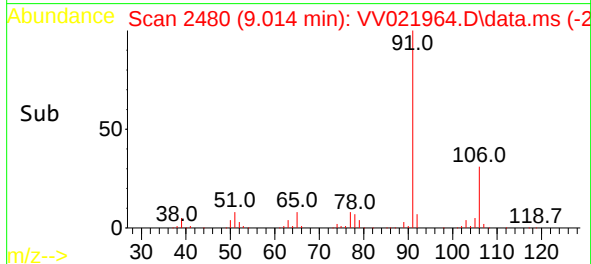
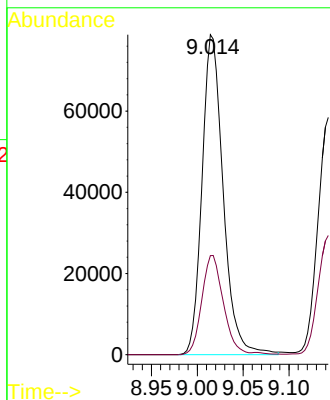
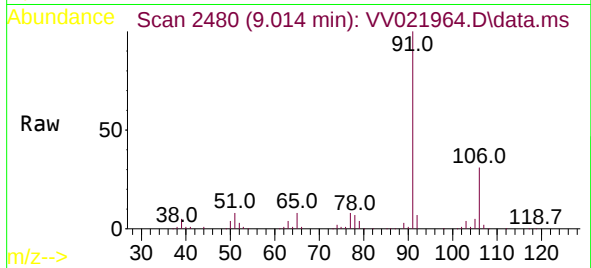




#52
Ethylbenzene
Concen: 9.722 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

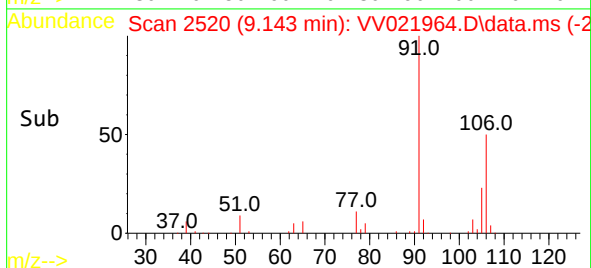
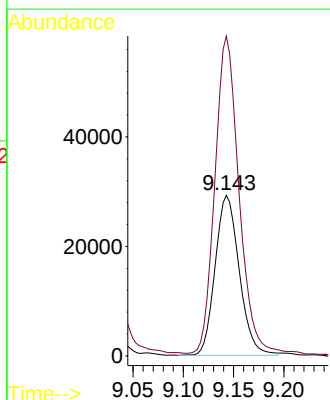
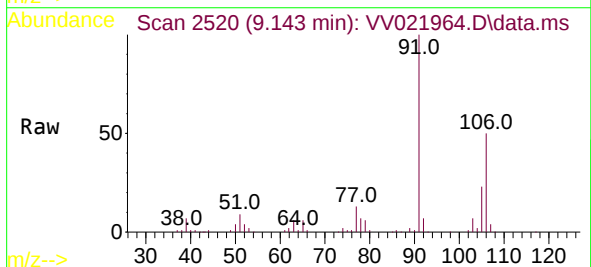
Instrument :
MSVOA_V
ClientSampled :

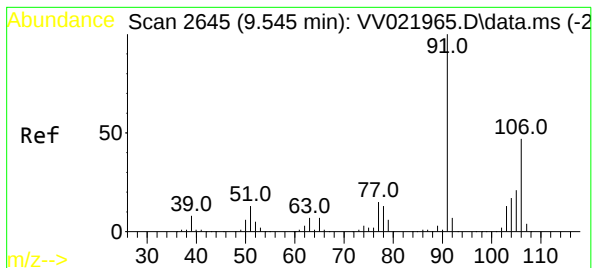
Tgt Ion: 91 Resp: 126499
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 9.634 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 106 Resp: 48719
Ion Ratio Lower Upper
106 100
91 198.9 139.1 258.3

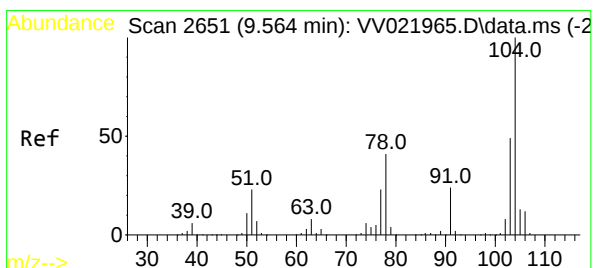
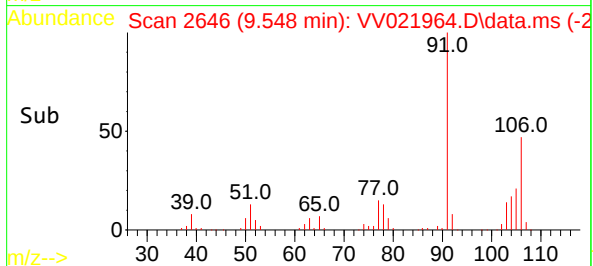
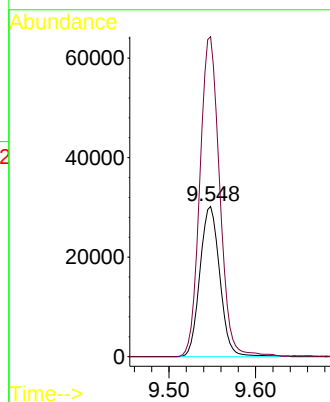
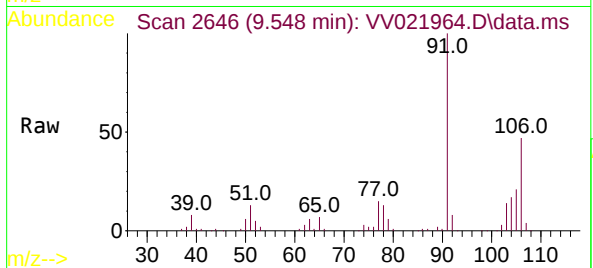




#54
o-Xylene
Concen: 9.633 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

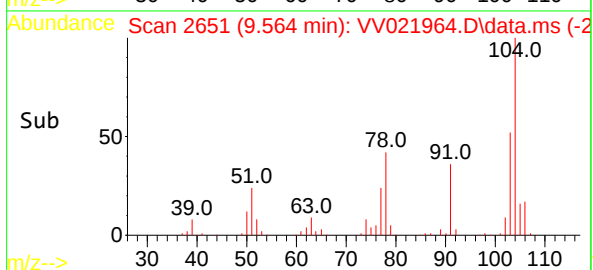
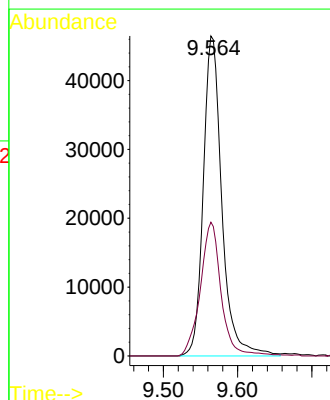
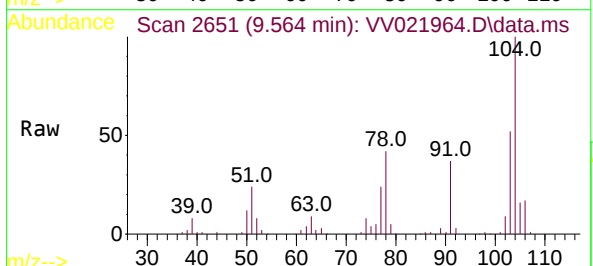
Instrument :
MSVOA_V
ClientSampled :

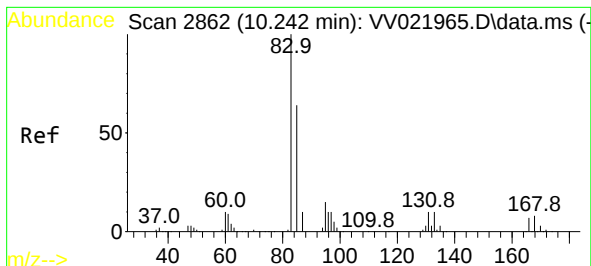
Tgt Ion:106 Resp: 48094
Ion Ratio Lower Upper
106 100
91 213.0 150.1 278.9



#55
Styrene
Concen: 9.607 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:104 Resp: 80701
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2

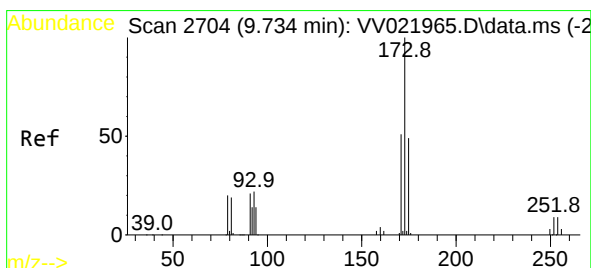
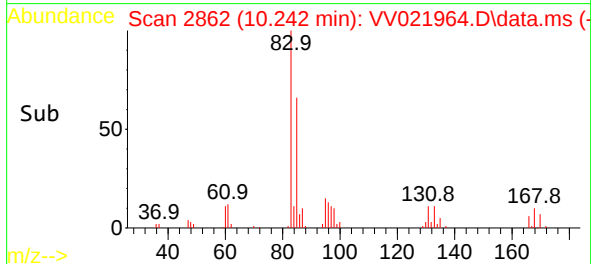
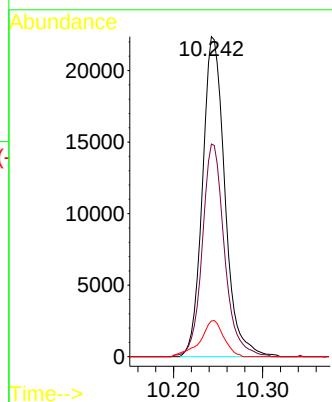
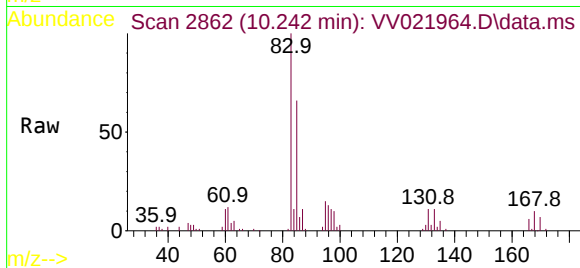




#57
1,1,2,2-Tetrachloroethane
Concen: 9.564 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

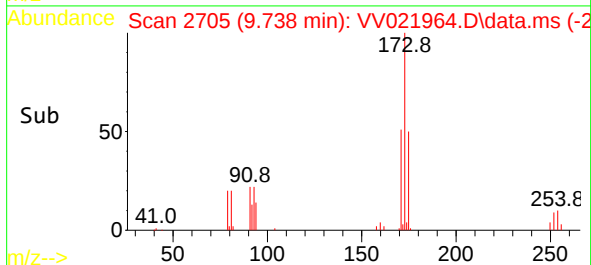
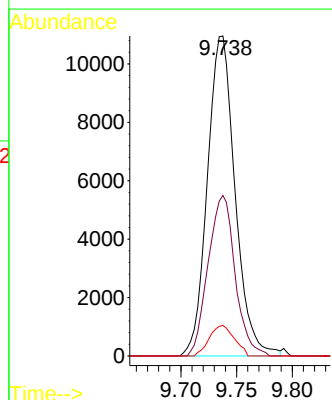
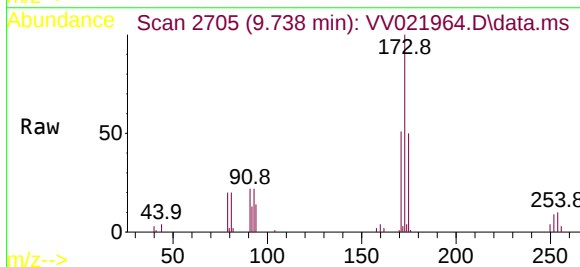
Instrument :
MSVOA_V
ClientSampleId :

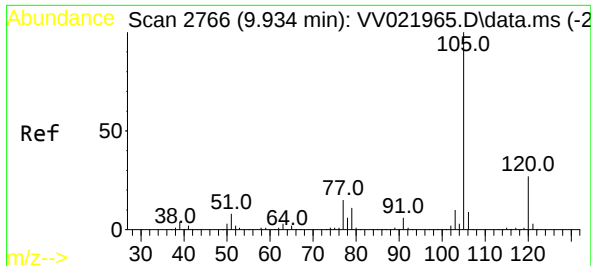
Tgt Ion: 83 Resp: 39056
Ion Ratio Lower Upper
83 100
85 66.5 44.7 83.1
131 11.2 8.2 12.2



#59
Bromoform
Concen: 8.231 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 173 Resp: 18957
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 8.6 7.0 10.4

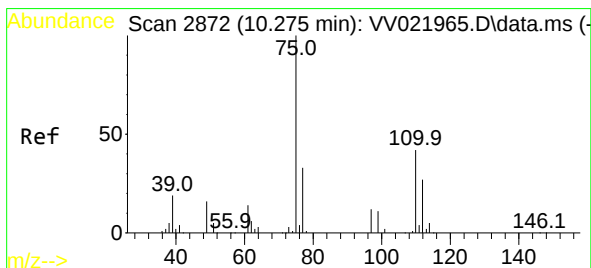
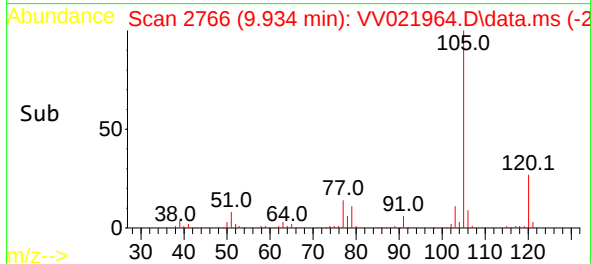
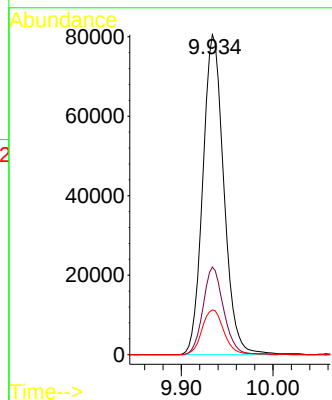
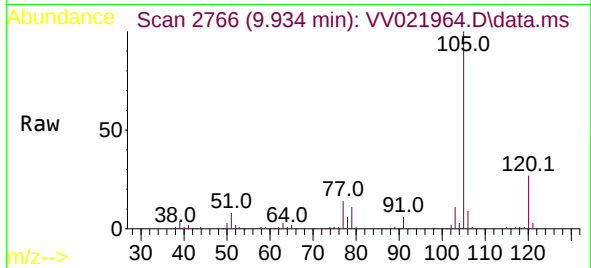




#60
Isopropylbenzene
Concen: 9.737 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

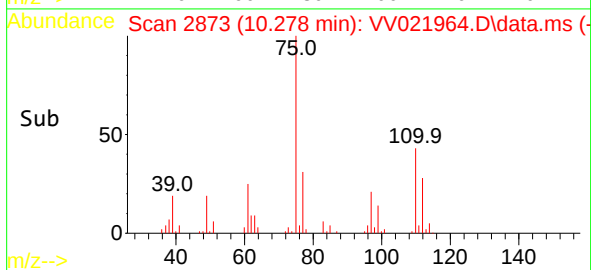
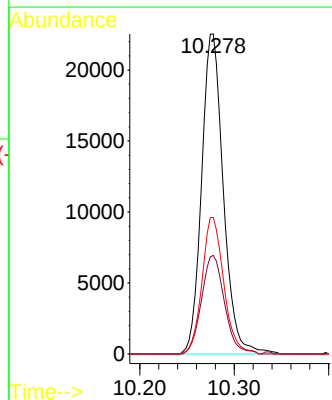
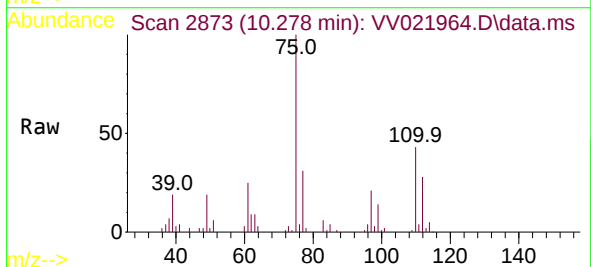
Instrument :
MSVOA_V
ClientSampled :

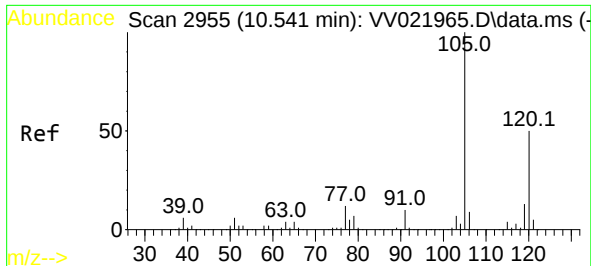
Tgt Ion:105 Resp: 128362
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 9.863 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 75 Resp: 36052
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 42.6 33.8 50.6

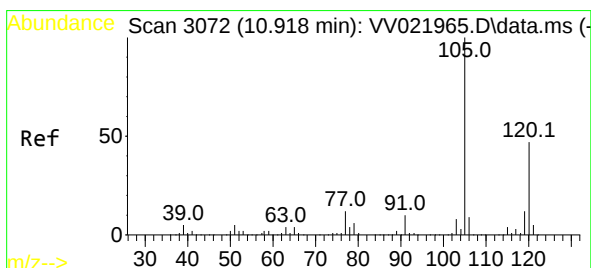
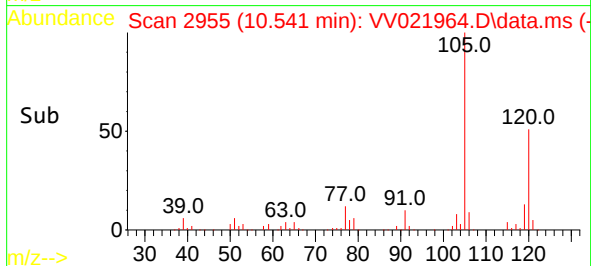
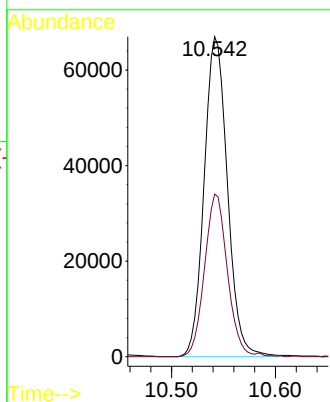
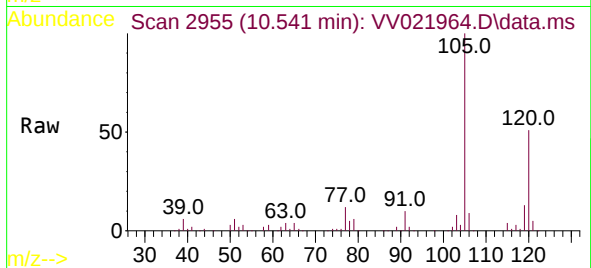




#62
1,3,5-Trimethylbenzene
Concen: 9.432 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

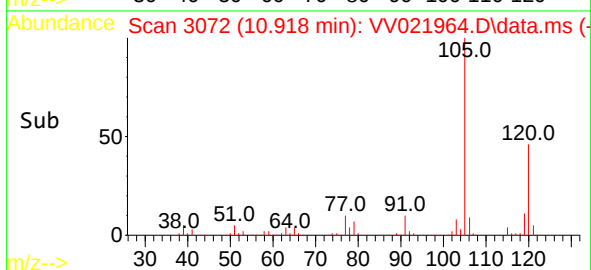
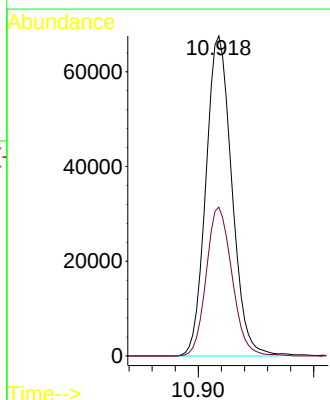
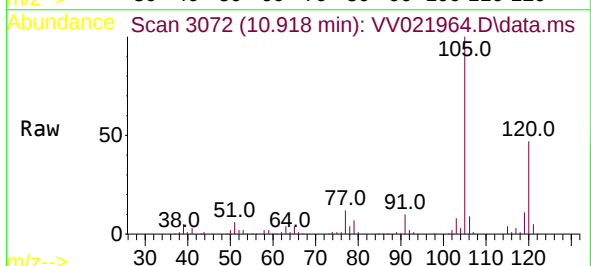
Tgt Ion:105 Resp: 104296
Ion Ratio Lower Upper
105 100
120 49.6 39.6 59.4

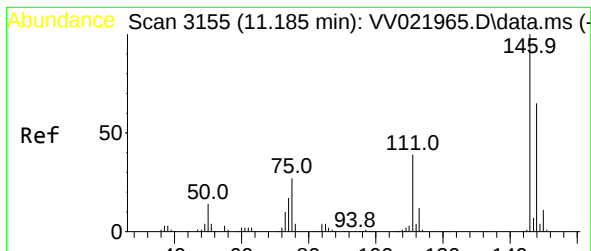
Instrument :
MSVOA_V
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 9.373 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:105 Resp: 105253
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.0

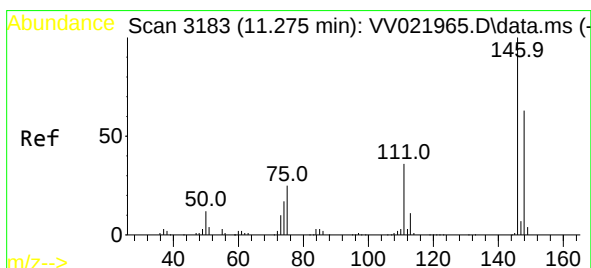
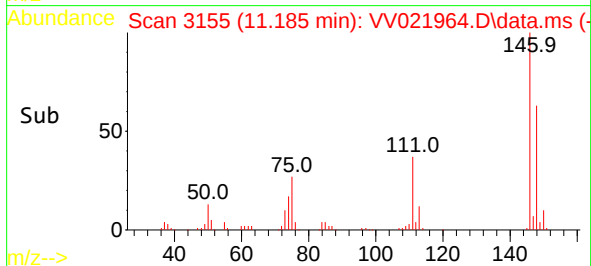
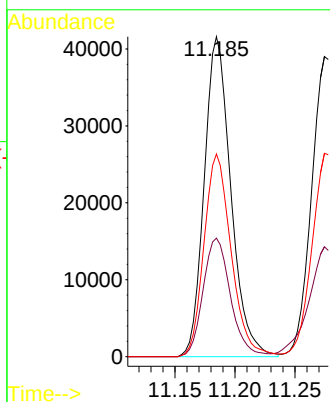
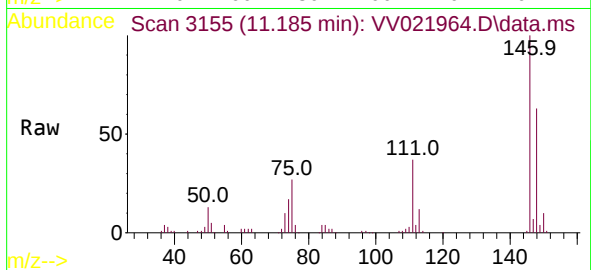




#64
1,3-Dichlorobenzene
Concen: 10.011 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

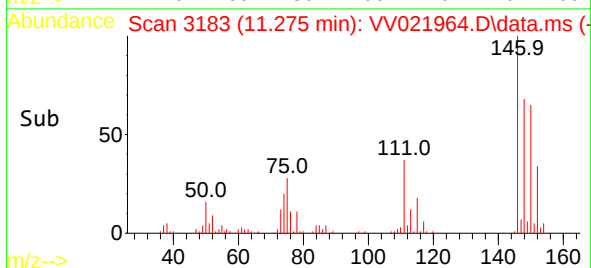
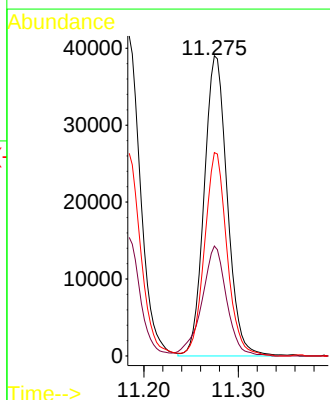
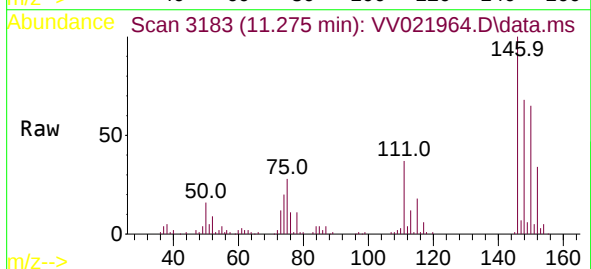
Instrument :
MSVOA_V
ClientSampled :

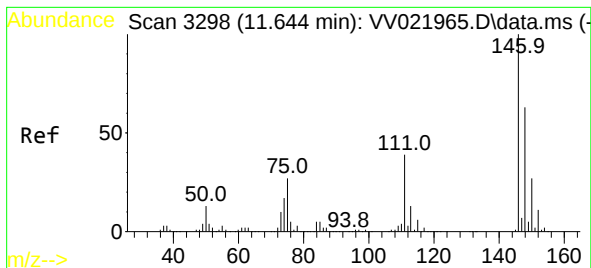
Tgt Ion:146 Resp: 64292
Ion Ratio Lower Upper
146 100
111 37.0 26.9 50.1
148 63.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 10.294 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:146 Resp: 66329
Ion Ratio Lower Upper
146 100
111 36.6 25.3 46.9
148 67.8 44.4 82.5

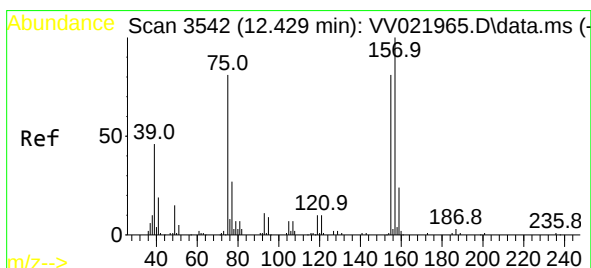
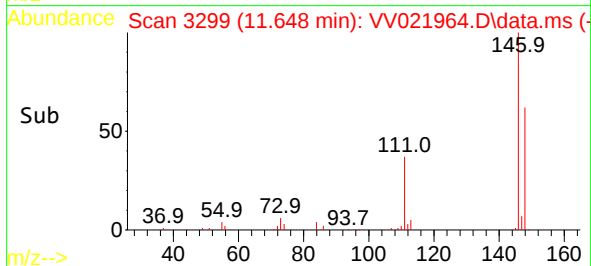
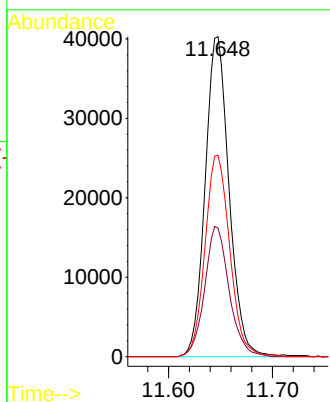
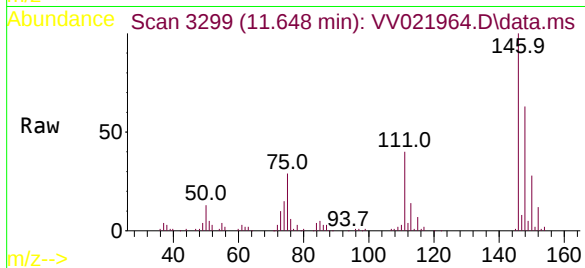




#67
1,2-Dichlorobenzene
Concen: 9.963 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

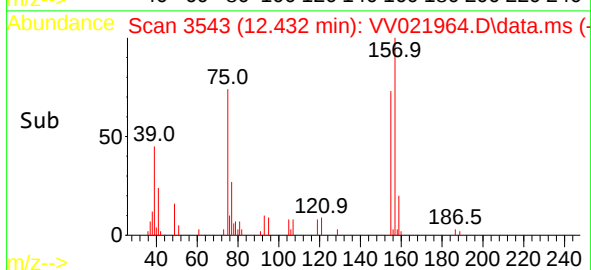
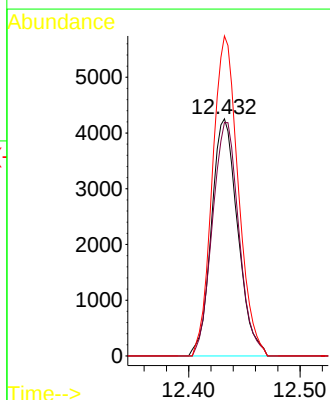
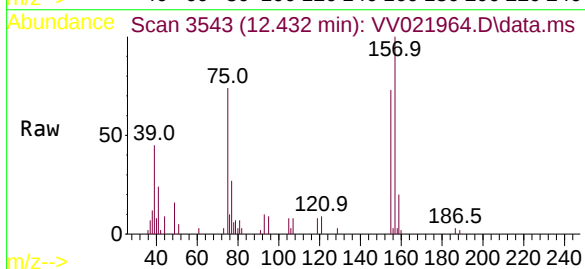
Instrument :
MSVOA_V
ClientSampled :

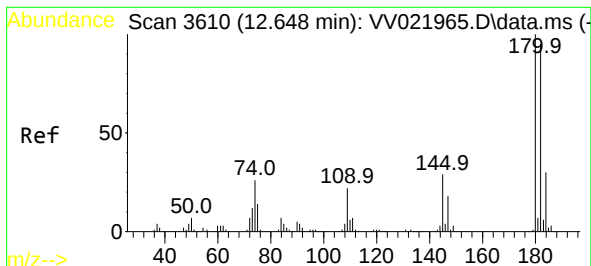
Tgt Ion:146 Resp: 64431
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 62.9 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 7.843 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion: 75 Resp: 6967
Ion Ratio Lower Upper
75 100
155 98.4 79.8 119.6
157 134.9 98.3 147.5

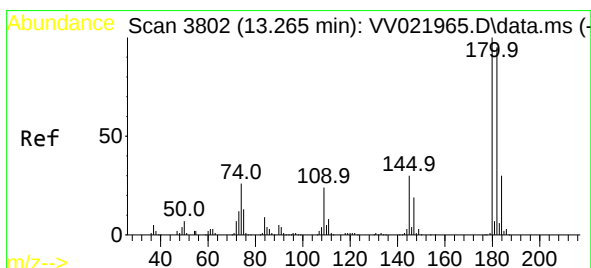
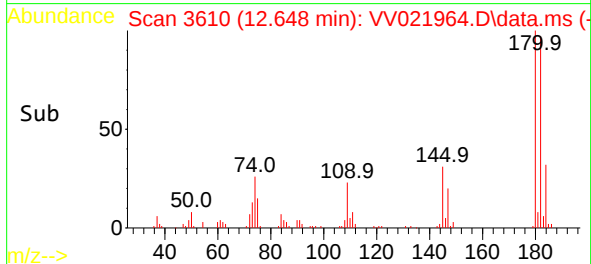
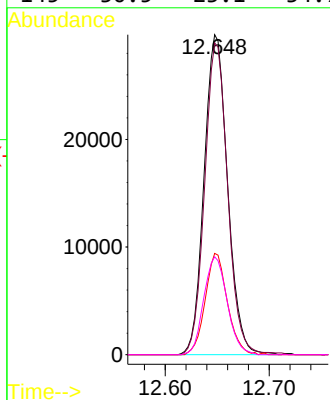
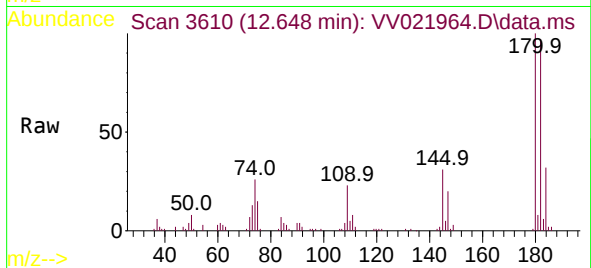




#69
1,3,5-Trichlorobenzene
Concen: 9.955 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

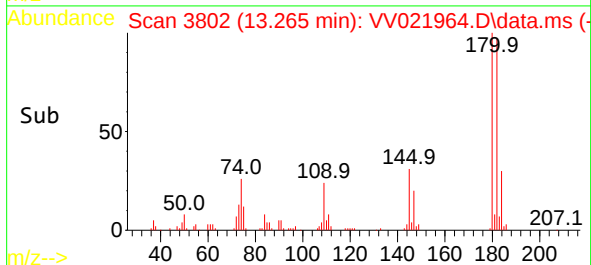
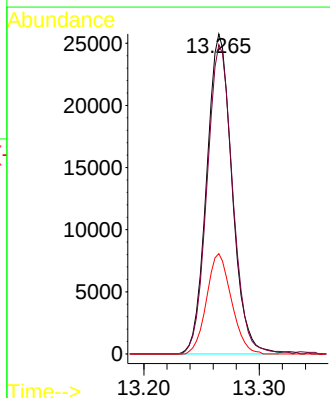
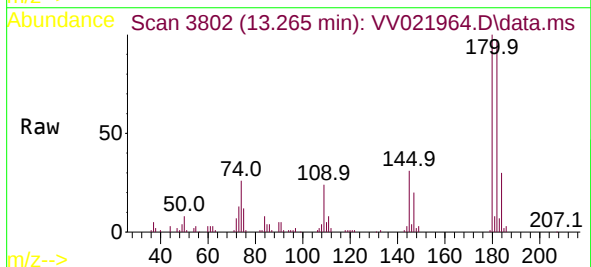
Instrument :
MSVOA_V
ClientSampleId :

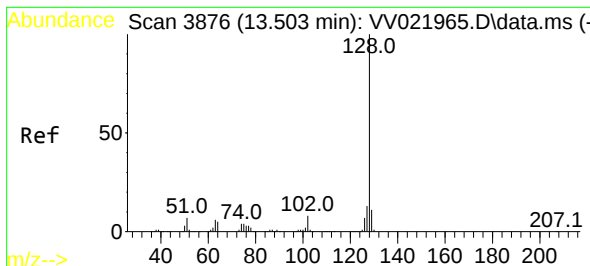
Tgt Ion:	180	Resp:	46589
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
184	29.8	24.0	36.0
145	30.5	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 9.965 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:	180	Resp:	39392
Ion Ratio	Lower	Upper	
180	100		
182	97.1	75.9	113.9
145	30.6	23.8	35.6

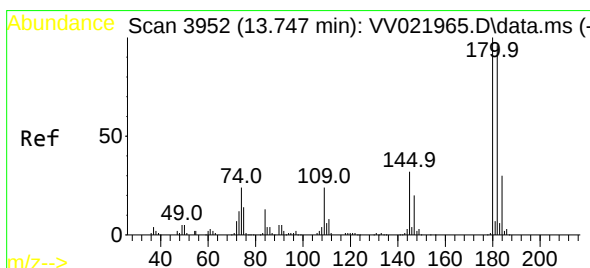
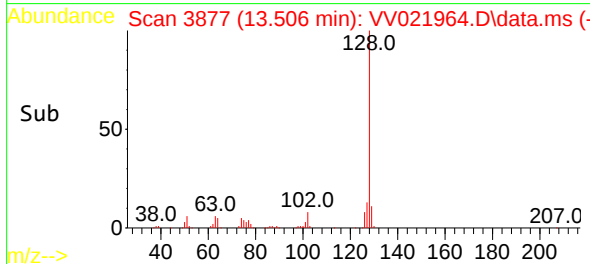
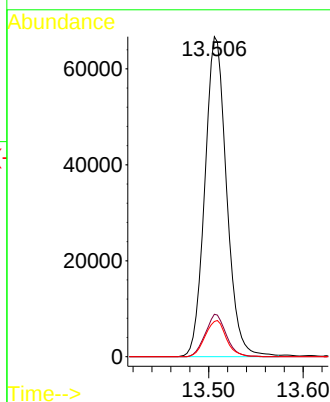
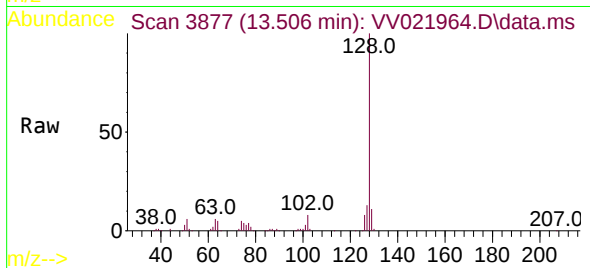




#71
Naphthalene
Concen: 9.272 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 106537
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 9.896 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV021964.D
Acq: 27 Aug 2021 09:55

Tgt Ion:180 Resp: 39215
Ion Ratio Lower Upper
180 100
182 96.1 76.3 114.5
145 32.0 25.4 38.0

