

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043907.D
 Acq On : 24 May 2021 13:47
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5131

Quant Time: May 25 03:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.285	114	205810	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.430	117	208119	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	99333	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	5956	0.42	ug/L	0.00
7) Chloroethane-d5	1.932	69	4163	0.41	ug/L	0.02
11) 1,1-Dichloroethene-d2	2.581	65	2257	0.36	ug/L	0.01
20) 2-Butanone-d5	4.726	46	18080	5.92	ug/L	0.06
24) Chloroform-d	5.112	84	12871	0.51	ug/L	0.04
26) 1,2-Dichloroethane-d4	5.745	65	7129	0.55	ug/L	0.03
32) Benzene-d6	5.768	84	25033	0.47	ug/L	0.03
36) 1,2-Dichloropropane-d6	6.723	67	8548	0.51	ug/L	0.02
41) Toluene-d8	7.919	98	20990	0.43	ug/L	0.01
43) trans-1,3-Dichloroprop...	8.198	79	2893	0.46	ug/L	0.01
46) 2-Hexanone-d5	8.655	63	10548	3.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	7941	0.56	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	9692	0.58	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.392	85	6627	0.45	ug/L	95
3) Chloromethane	1.523	50	7567	0.44	ug/L	100
5) Vinyl chloride	1.613	62	6578	0.40	ug/L #	73
6) Bromomethane	1.877	94	4209	0.43	ug/L	100
8) Chloroethane	1.954	64	3556	0.38	ug/L	96
9) Trichlorofluoromethane	2.154	101	8865	0.45	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	4779	0.34	ug/L	95
12) 1,1-Dichloroethene	2.591	96	4576	0.33	ug/L	83
13) Acetone	2.723	43	6133	3.24	ug/L	95
14) Carbon disulfide	2.797	76	13836	0.31	ug/L #	94
15) Methyl Acetate	2.990	43	2586	0.46	ug/L	93
16) Methylene chloride	3.057	84	8116	0.41	ug/L	97
17) Methyl tert-butyl Ether	3.395	73	11729	0.39	ug/L #	91
18) trans-1,2-Dichloroethene	3.353	96	5096	0.36	ug/L	90
19) 1,1-Dichloroethane	3.877	63	8863	0.35	ug/L	95
21) 2-Butanone	4.800	43	17470	4.84	ug/L	99
22) cis-1,2-Dichloroethene	4.703	96	6713	0.45	ug/L	95
23) Bromochloromethane	5.018	128	3479	0.49	ug/L	96
25) Chloroform	5.134	83	12741	0.50	ug/L	99
27) 1,2-Dichloroethane	5.838	62	7300	0.47	ug/L	95
29) 1,1,1-Trichloroethane	5.362	97	10136	0.47	ug/L	97
30) Cyclohexane	5.430	56	7920	0.34	ug/L	94
31) Carbon tetrachloride	5.565	117	8611	0.48	ug/L	97
33) Benzene	5.813	78	24086	0.41	ug/L	100
34) Trichloroethene	6.575	95	6740	0.44	ug/L	96
35) Methylcyclohexane	6.790	83	8184	0.35	ug/L	97
37) 1,2-Dichloropropane	6.822	63	6780	0.44	ug/L #	92
38) Bromodichloromethane	7.131	83	8188	0.45	ug/L	98
39) cis-1,3-Dichloropropene	7.629	75	8035	0.39	ug/L	88
40) 4-Methyl-2-pentanone	7.819	43	31319	3.23	ug/L	96
42) Toluene	7.989	91	22610	0.36	ug/L	99
44) trans-1,3-Dichloropropene	8.227	75	6551	0.37	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043907.D
 Acq On : 24 May 2021 13:47
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5131

Quant Time: May 25 03:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

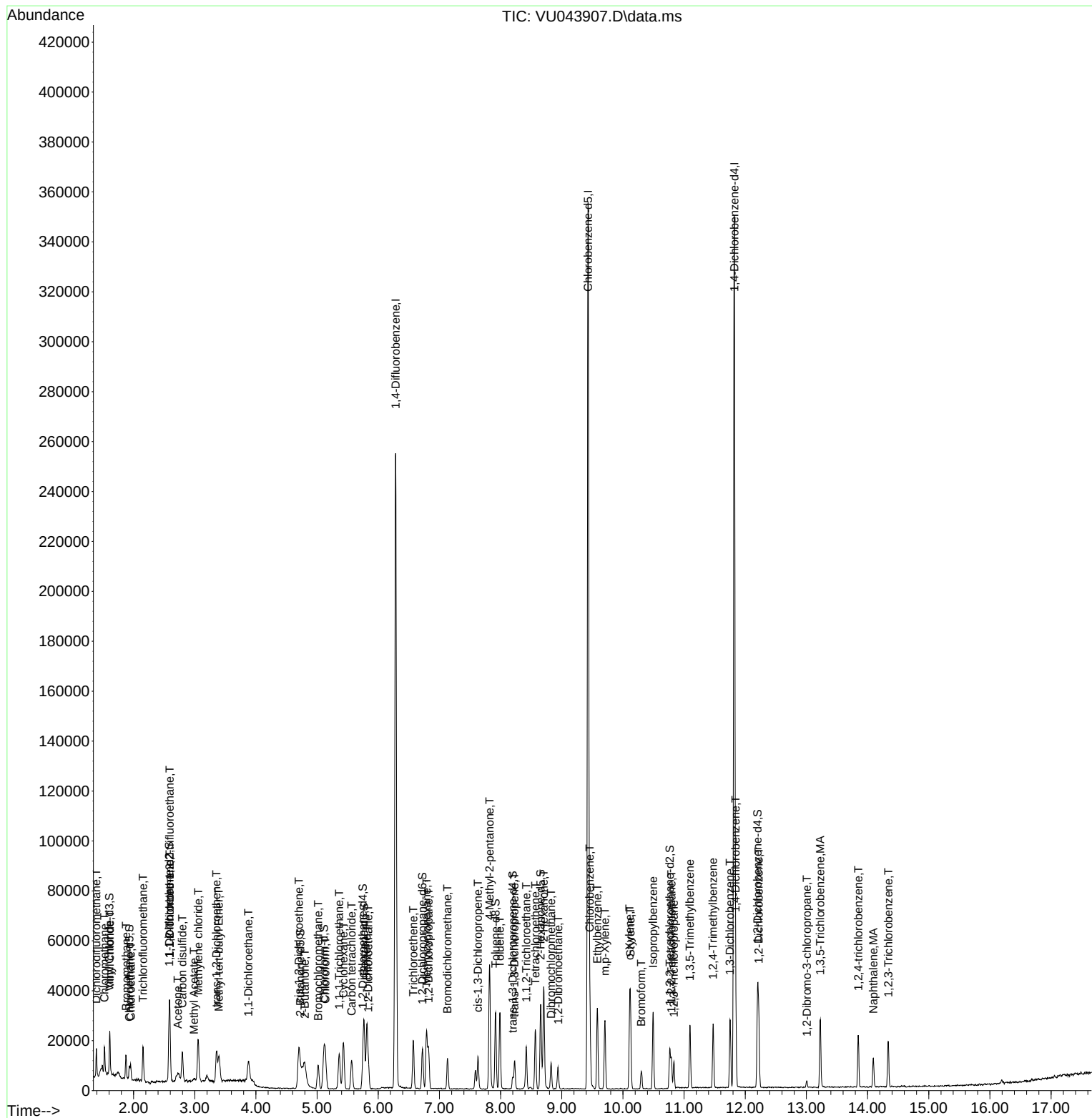
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

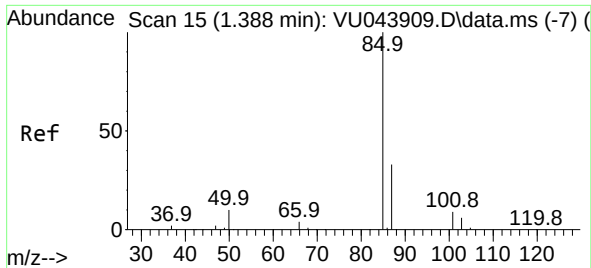
45) 1,1,2-Trichloroethane	8.420	97	5152	0.46	ug/L	95
47) Tetrachloroethene	8.568	164	5511	0.44	ug/L	94
48) 2-Hexanone	8.706	43	23688	3.28	ug/L	94
49) Dibromochloromethane	8.825	129	5778	0.46	ug/L	87
50) 1,2-Dibromoethane	8.941	107	4544	0.43	ug/L #	95
51) Chlorobenzene	9.459	112	16610	0.42	ug/L	97
52) Ethylbenzene	9.581	91	21811	0.35	ug/L	97
53) m,p-Xylene	9.706	106	8113	0.33	ug/L	96
54) o-Xylene	10.108	106	7583	0.33	ug/L	97
55) Styrene	10.124	104	12374	0.31	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	6174	0.43	ug/L #	96
59) Bromoform	10.301	173	3558	0.53	ug/L	99
60) Isopropylbenzene	10.494	105	18975	0.36	ug/L	99
61) 1,2,3-Trichloropropane	10.835	75	4618	0.49	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	13524	0.32	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	13344	0.31	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	12080	0.43	ug/L	96
65) 1,4-Dichlorobenzene	11.845	146	11765	0.42	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	11568	0.43	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.008	75	783	0.41	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	9632	0.43	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	7325	0.40	ug/L	93
71) Naphthalene	14.095	128	9975	0.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	6477	0.37	ug/L	96

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

Quant Time: May 25 03:41:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 03:40:15 2021
Response via : Initial Calibration

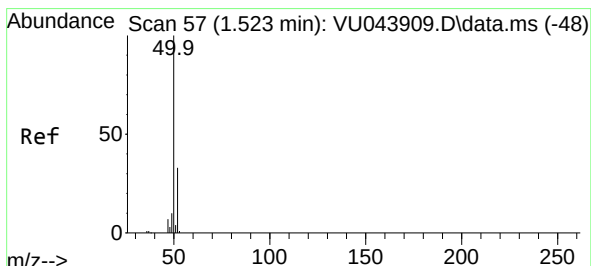
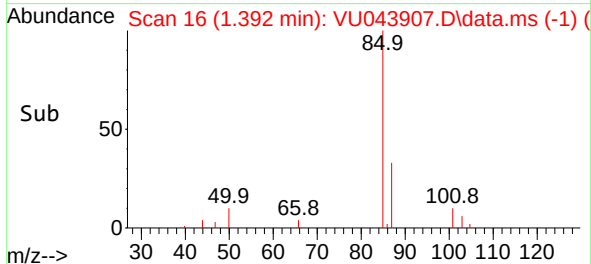
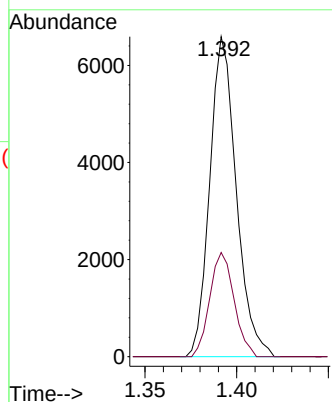
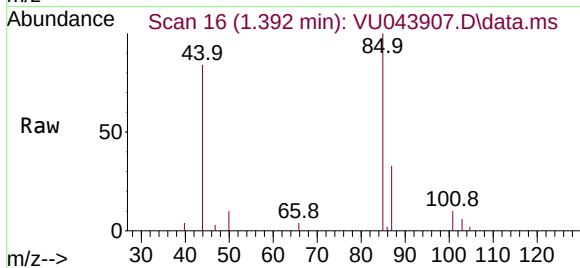




#2
Dichlorodifluoromethane
Concen: 0.45 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

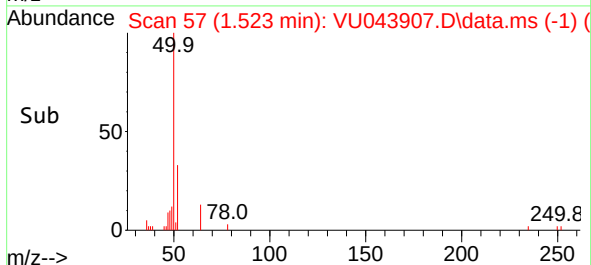
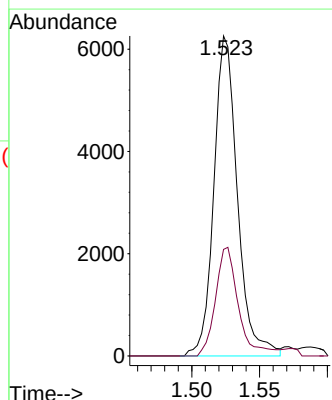
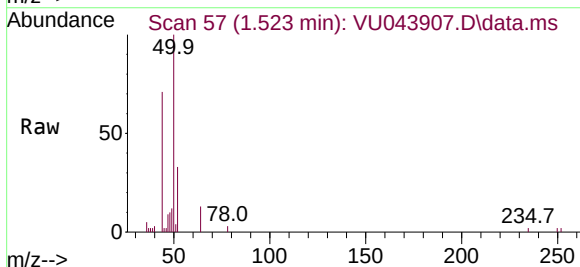
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

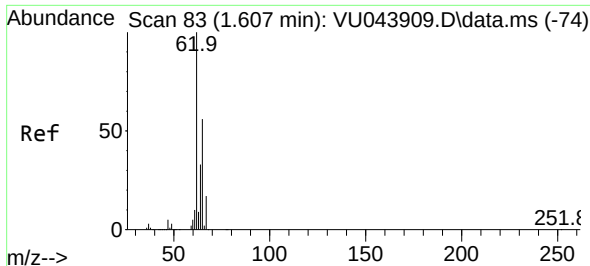
Tgt Ion: 85 Resp: 6627
Ion Ratio Lower Upper
85 100
87 29.8 26.2 39.4



#3
Chloromethane
Concen: 0.44 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 50 Resp: 7567
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4

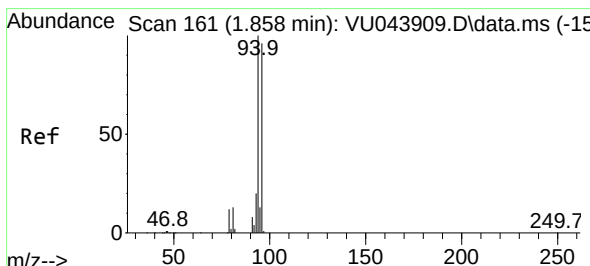
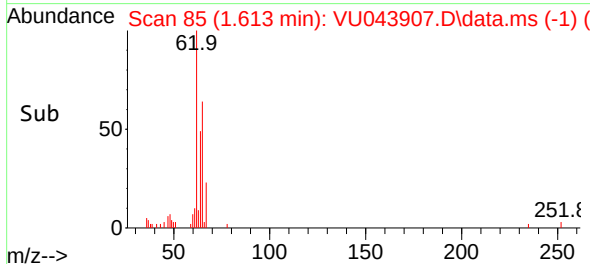
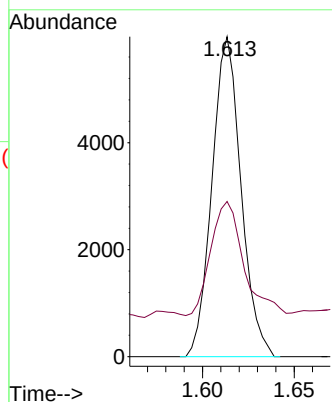
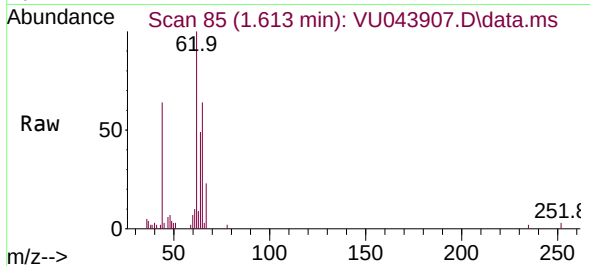




#5
 Vinyl chloride
 Concen: 0.40 ug/L
 RT: 1.613 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VU043907.D
 Acq: 24 May 2021 13:47

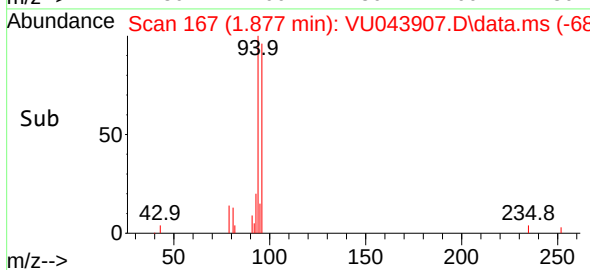
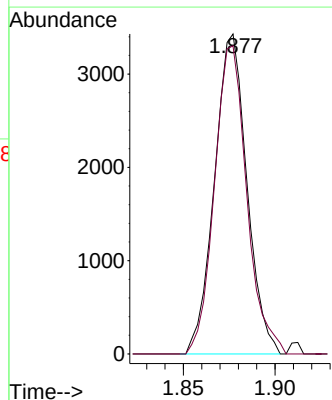
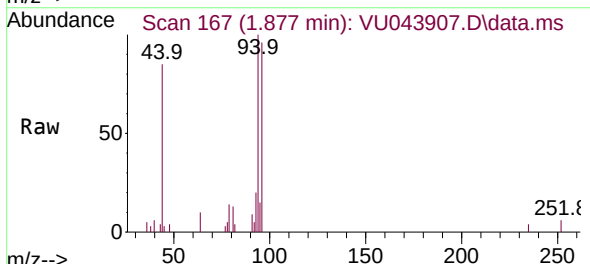
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5131

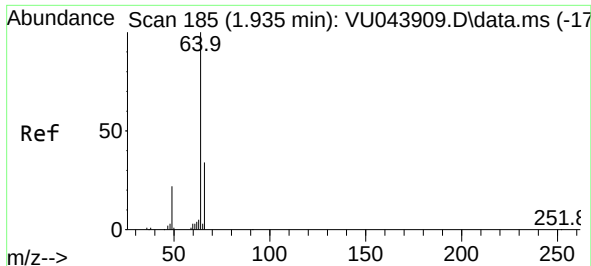
Tgt Ion: 62 Resp: 6578
 Ion Ratio Lower Upper
 62 100
 64 48.5 23.2 43.2#



#6
 Bromomethane
 Concen: 0.43 ug/L
 RT: 1.877 min Scan# 167
 Delta R.T. 0.019 min
 Lab File: VU043907.D
 Acq: 24 May 2021 13:47

Tgt Ion: 94 Resp: 4209
 Ion Ratio Lower Upper
 94 100
 96 96.3 67.1 124.7

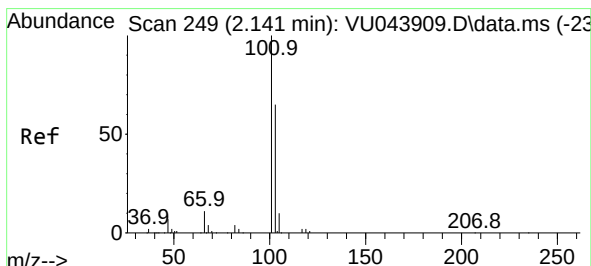
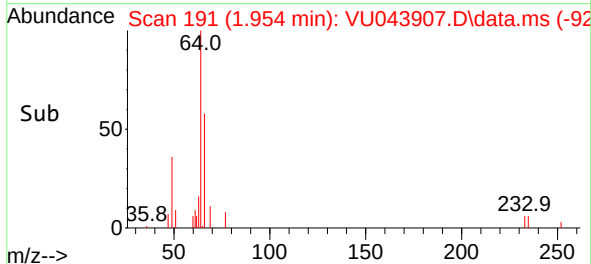
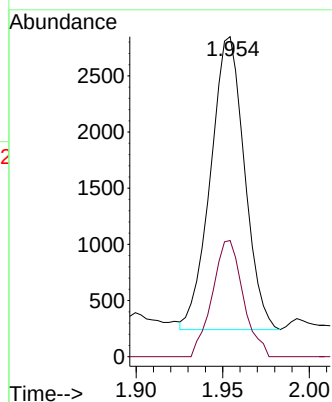
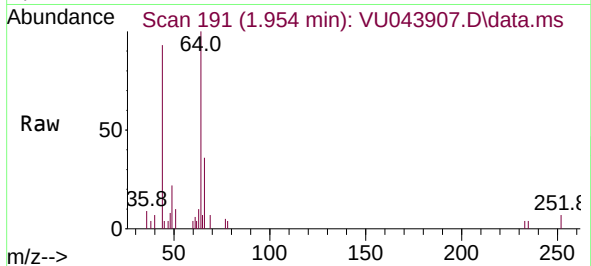




#8
Chloroethane
Concen: 0.38 ug/L
RT: 1.954 min Scan# 191
Delta R.T. 0.019 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

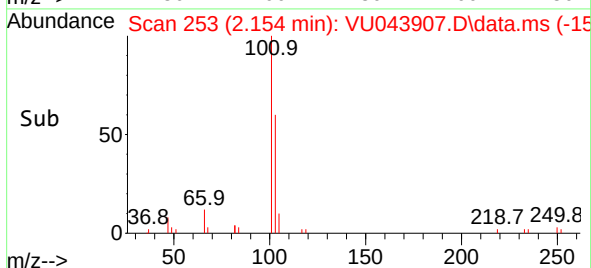
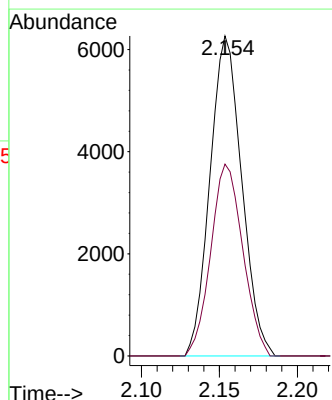
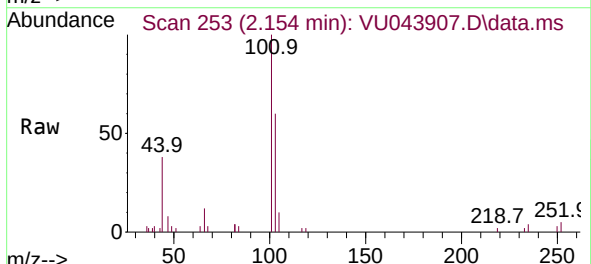
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

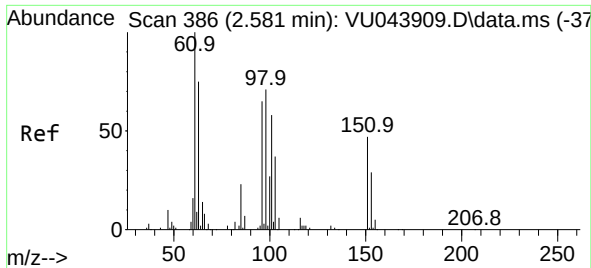
Tgt Ion: 64 Resp: 3556
Ion Ratio Lower Upper
64 100
66 36.3 23.7 44.1



#9
Trichlorofluoromethane
Concen: 0.45 ug/L
RT: 2.154 min Scan# 253
Delta R.T. 0.013 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 101 Resp: 8865
Ion Ratio Lower Upper
101 100
103 60.4 51.5 77.3





#10

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

Concen: 0.34 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.010 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

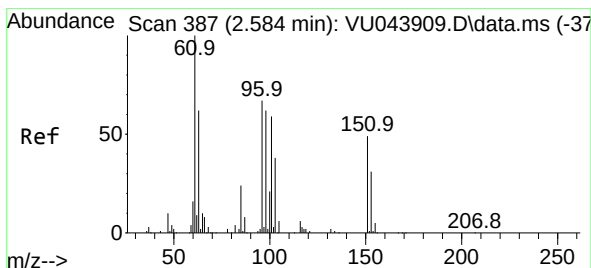
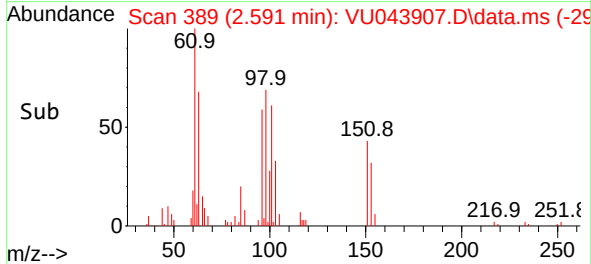
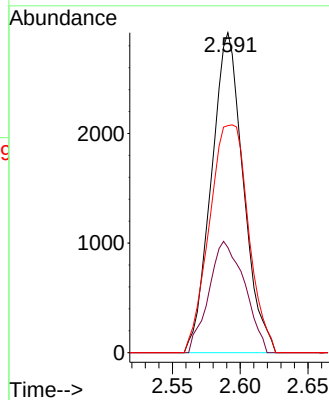
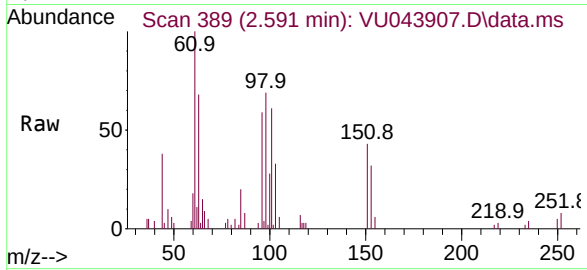
Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5131

Tgt Ion:	101	Resp:	4779
Ion	Ratio	Lower	Upper
101	100		
85	38.9	32.5	48.7
151	86.9	64.9	97.3



#12

1,1-Dichloroethene

Concen: 0.33 ug/L

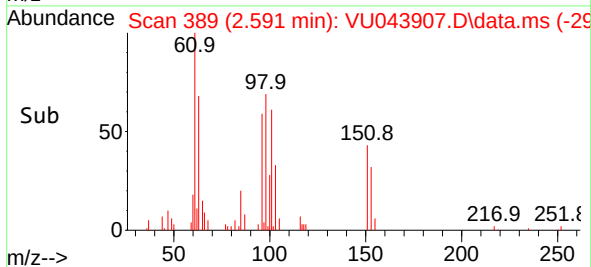
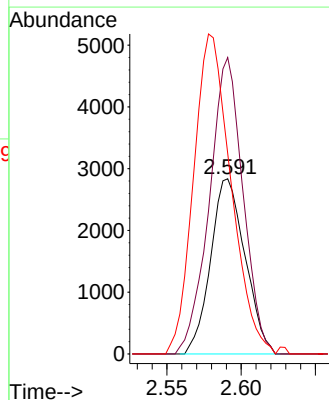
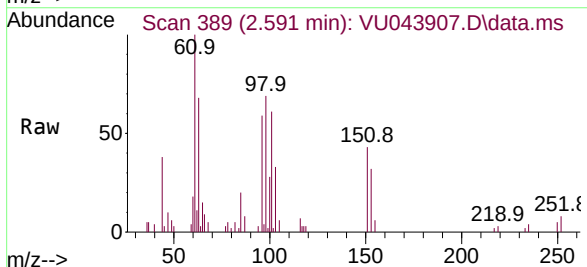
RT: 2.591 min Scan# 389

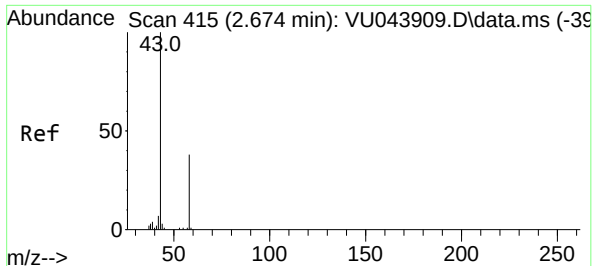
Delta R.T. 0.006 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion:	96	Resp:	4576
Ion	Ratio	Lower	Upper
96	100		
61	169.2	105.1	195.3
63	114.4	66.6	123.6

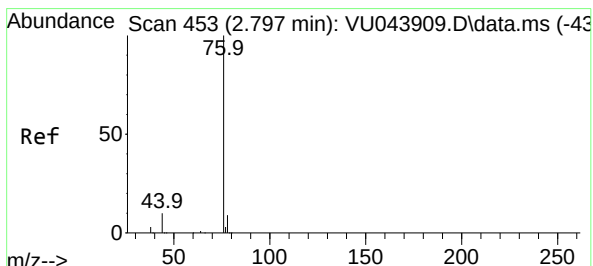
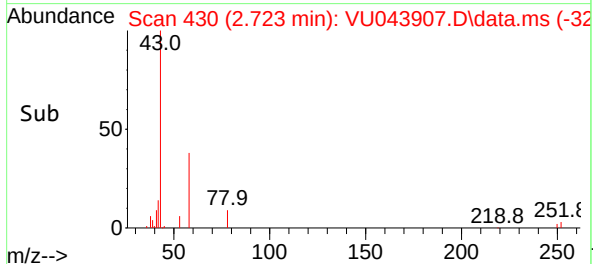
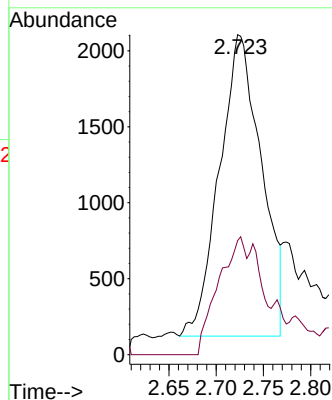
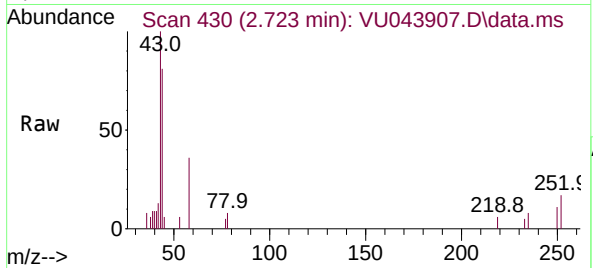




#13
Acetone
Concen: 3.24 ug/L
RT: 2.723 min Scan# 430
Delta R.T. 0.048 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

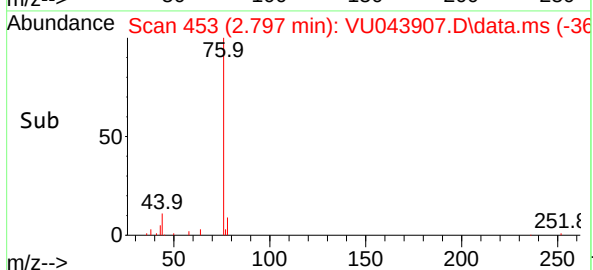
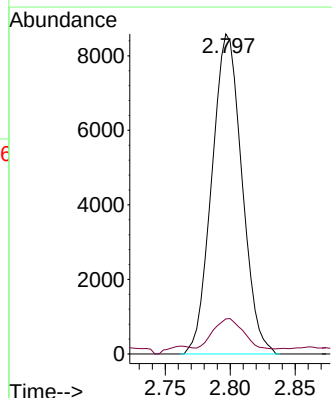
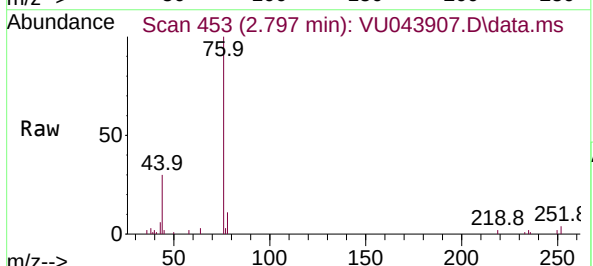
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

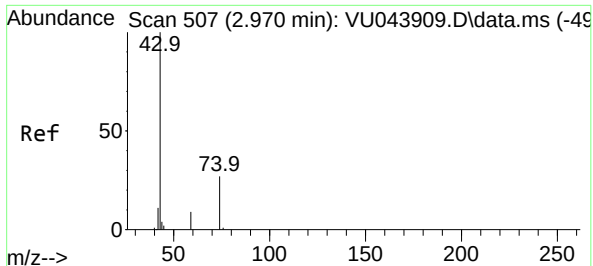
Tgt Ion: 43 Resp: 6133
Ion Ratio Lower Upper
43 100
58 25.6 0.0 46.2



#14
Carbon disulfide
Concen: 0.31 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 76 Resp: 13836
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#

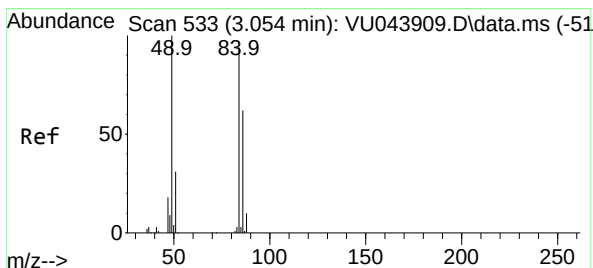
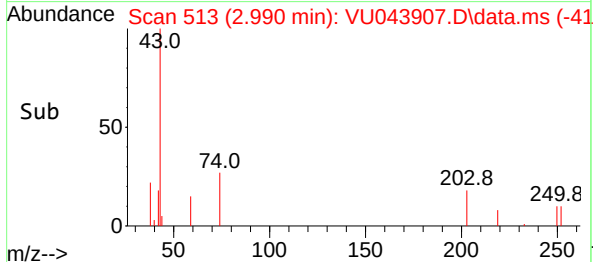
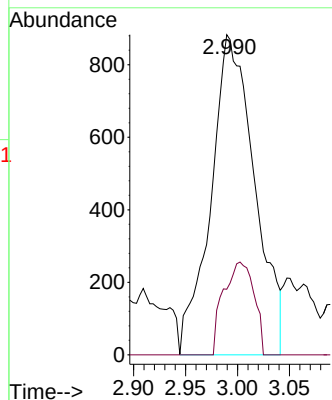
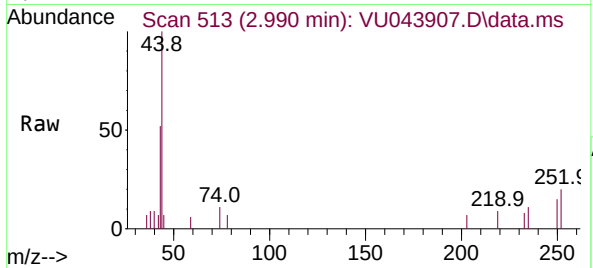




#15
Methyl Acetate
Concen: 0.46 ug/L
RT: 2.990 min Scan# 513
Delta R.T. 0.019 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

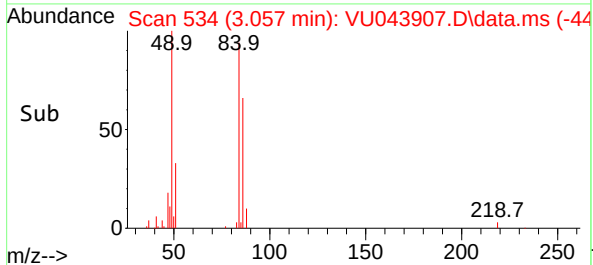
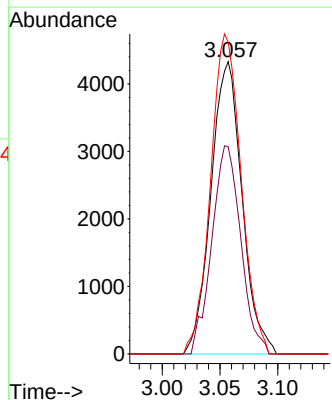
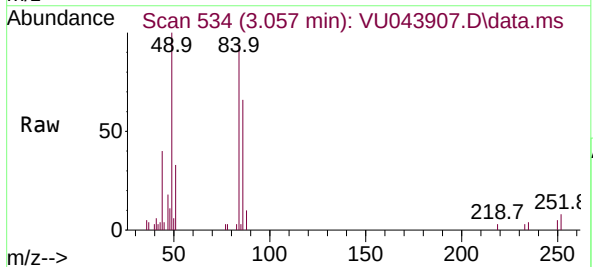
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

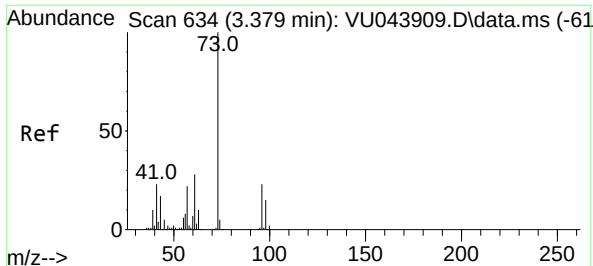
Tgt Ion: 43 Resp: 2586
Ion Ratio Lower Upper
43 100
74 20.1 13.8 20.6



#16
Methylene chloride
Concen: 0.41 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 84 Resp: 8116
Ion Ratio Lower Upper
84 100
86 70.9 45.6 84.8
49 106.7 74.2 137.8



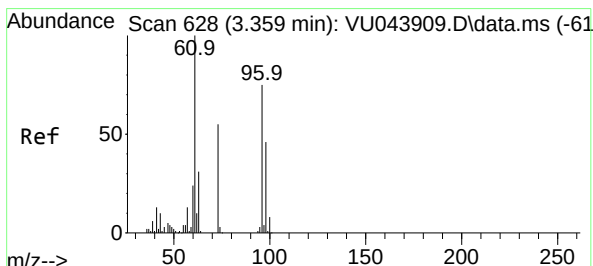
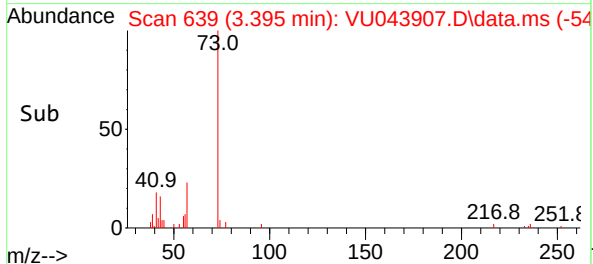
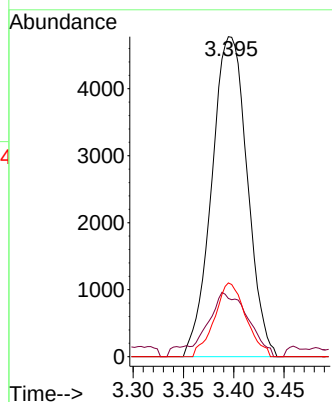
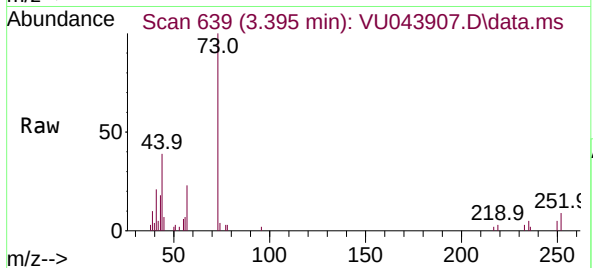


#17

Methyl tert-butyl Ether
Concen: 0.39 ug/L
RT: 3.395 min Scan# 639
Delta R.T. 0.016 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

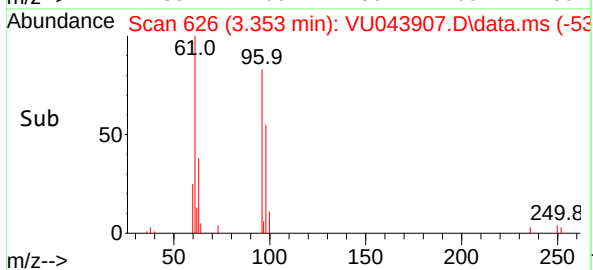
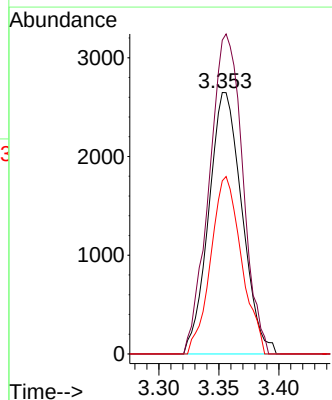
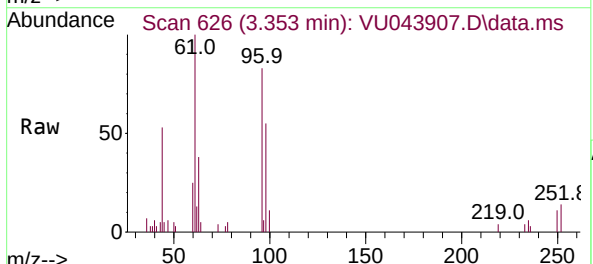
Tgt Ion: 73	Resp: 11729
Ion Ratio	Lower Upper
73 100	
43 23.9	13.8 20.8#
57 20.4	17.8 26.8

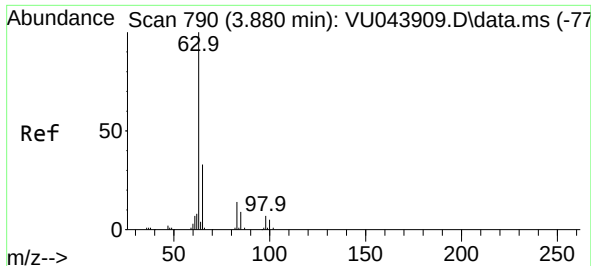


#18

trans-1,2-Dichloroethene
Concen: 0.36 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.006 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 96	Resp: 5096
Ion Ratio	Lower Upper
96 100	
61 120.0	93.9 174.3
98 66.2	43.5 80.7





#19

1,1-Dichloroethane

Concen: 0.35 ug/L

RT: 3.877 min Scan# 789

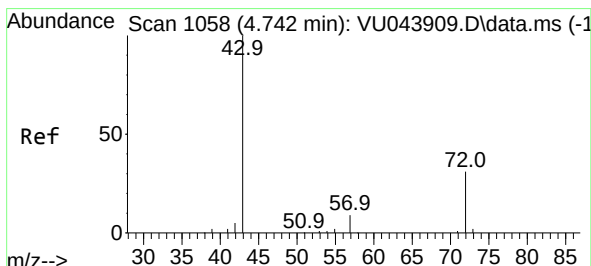
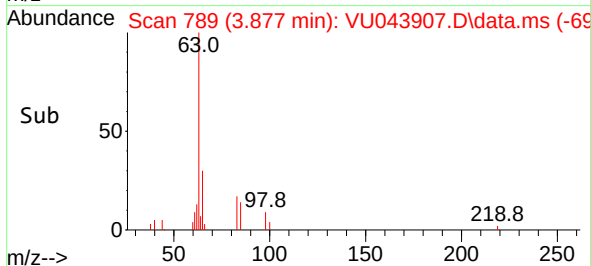
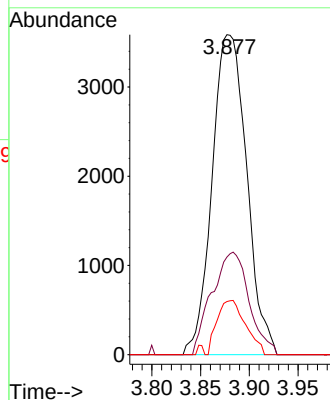
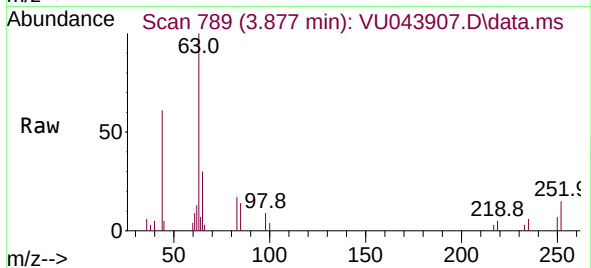
Delta R.T. -0.003 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion:	63	Resp:	8863
Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.2	43.2
83	16.6	9.7	18.1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131



#21

2-Butanone

Concen: 4.84 ug/L

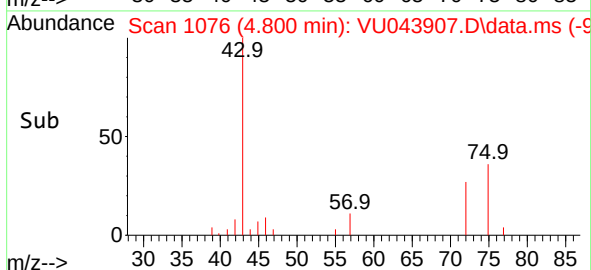
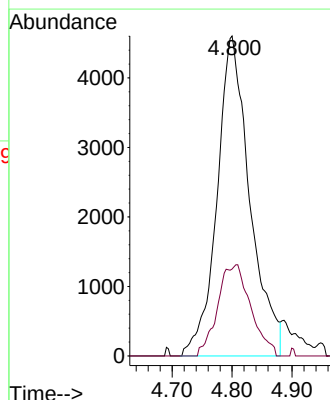
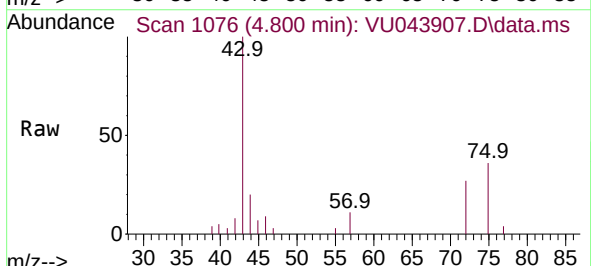
RT: 4.800 min Scan# 1076

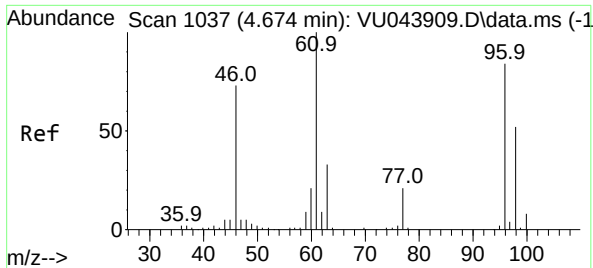
Delta R.T. 0.058 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion:	43	Resp:	17470
Ion	Ratio	Lower	Upper
43	100		
72	28.8	14.7	44.1

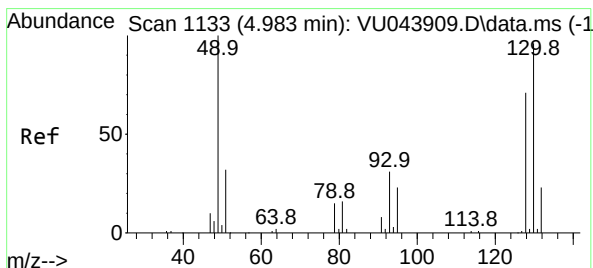
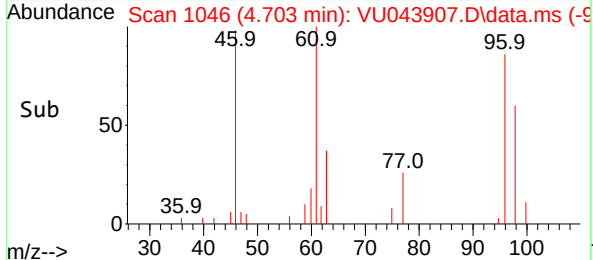
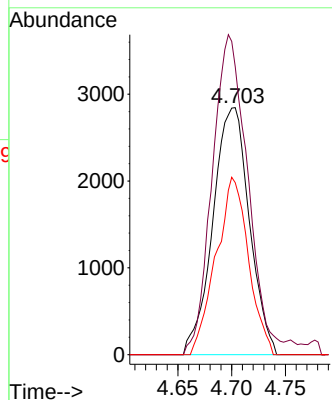
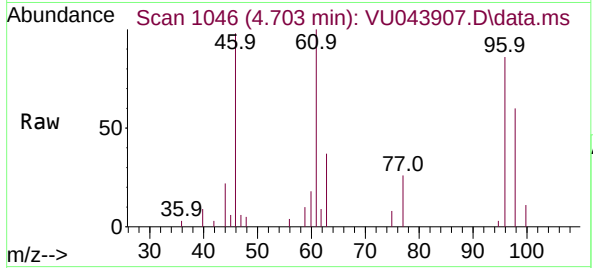




#22
cis-1,2-Dichloroethene
Concen: 0.45 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.029 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

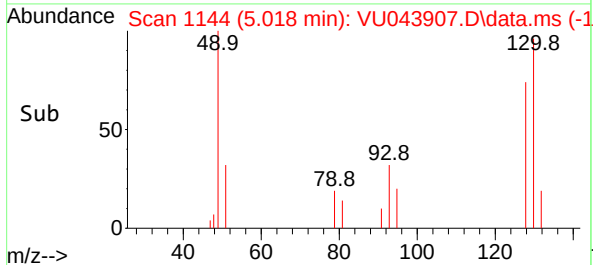
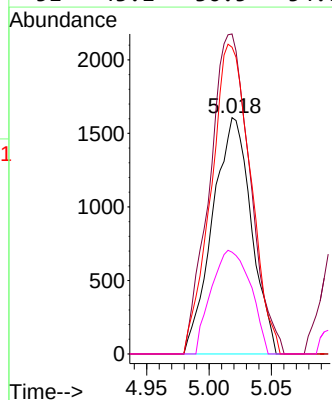
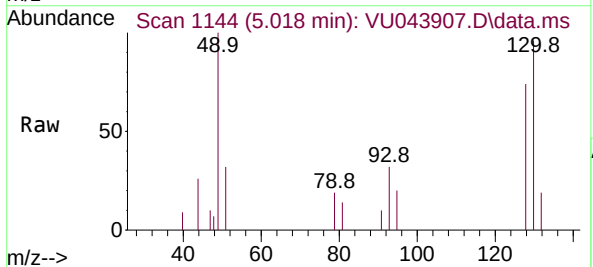
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

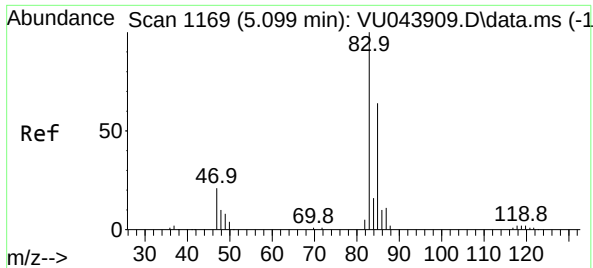
Tgt Ion:	96	Resp:	6713
Ion	Ratio	Lower	Upper
96	100		
61	116.6	82.9	153.9
98	69.6	43.3	80.5



#23
Bromochloromethane
Concen: 0.49 ug/L
RT: 5.018 min Scan# 1144
Delta R.T. 0.035 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:	128	Resp:	3479
Ion	Ratio	Lower	Upper
128	100		
49	135.4	98.7	183.3
130	129.8	94.6	175.8
51	43.1	36.5	54.7



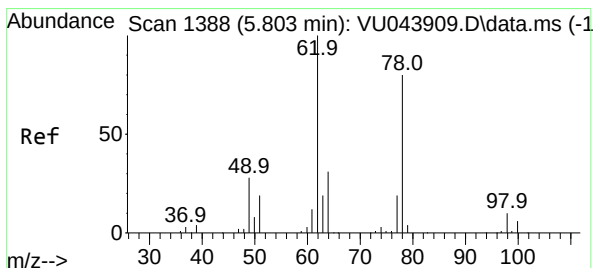
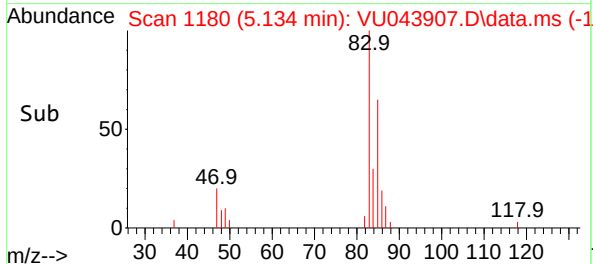
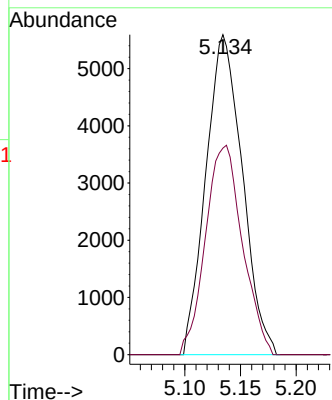
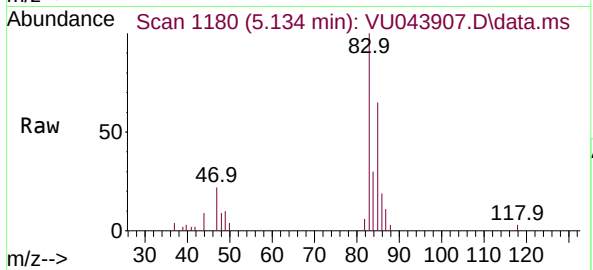


#25

Chloroform
Concen: 0.50 ug/L
RT: 5.134 min Scan# 1180
Delta R.T. 0.035 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

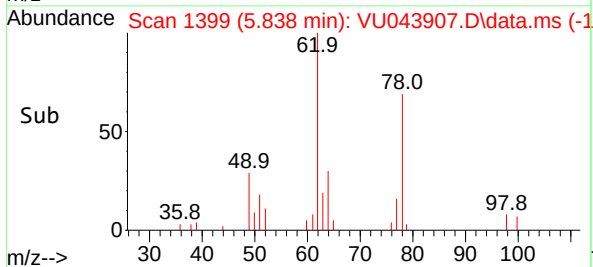
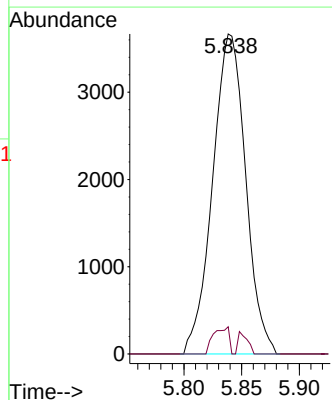
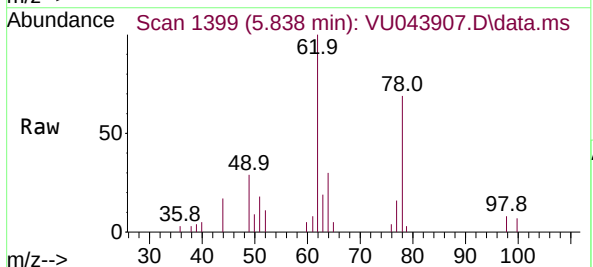
Tgt Ion: 83 Resp: 12741
Ion Ratio Lower Upper
83 100
85 64.6 44.7 82.9

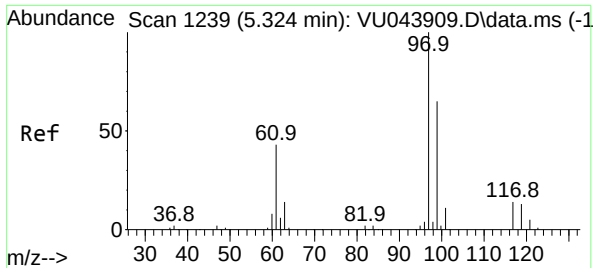


#27

1,2-Dichloroethane
Concen: 0.47 ug/L
RT: 5.838 min Scan# 1399
Delta R.T. 0.035 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 62 Resp: 7300
Ion Ratio Lower Upper
62 100
98 8.5 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 0.47 ug/L

RT: 5.362 min Scan# 1251

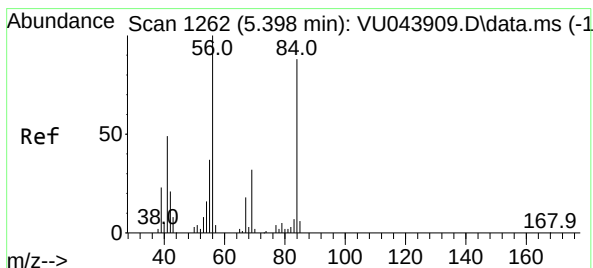
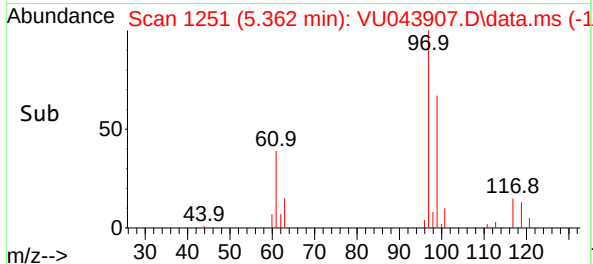
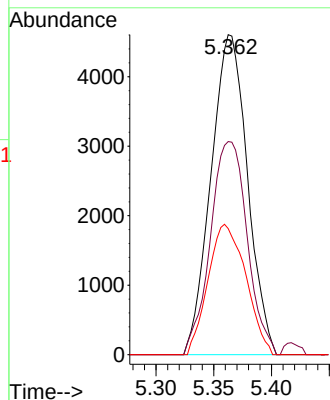
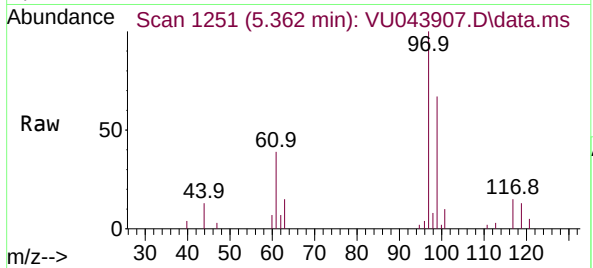
Delta R.T. 0.039 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion: 97	Resp: 10136
Ion Ratio	Lower Upper
97 100	
99 67.3	51.9 77.9
61 42.2	34.7 52.1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131



#30

Cyclohexane

Concen: 0.34 ug/L

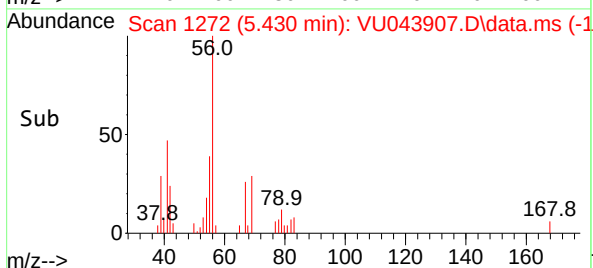
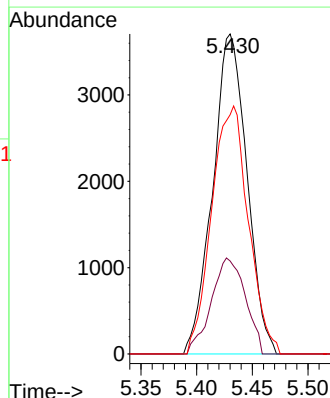
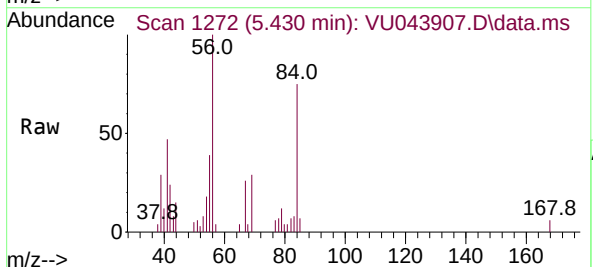
RT: 5.430 min Scan# 1272

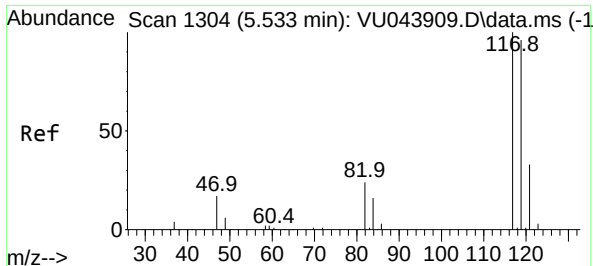
Delta R.T. 0.032 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion: 56	Resp: 7920
Ion Ratio	Lower Upper
56 100	
69 29.8	25.4 38.0
84 83.0	72.0 108.0

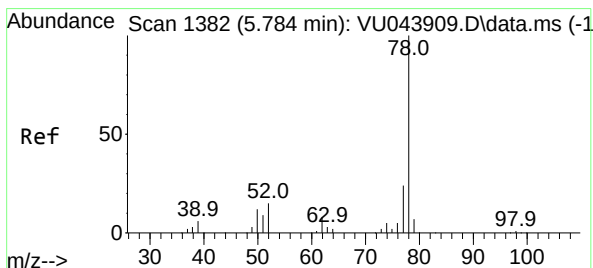
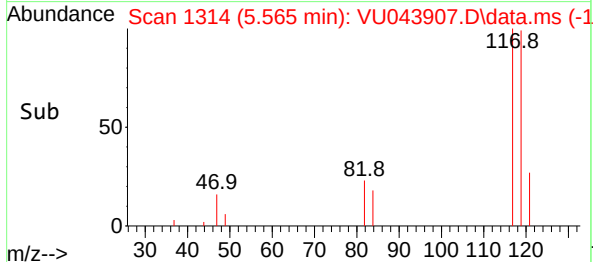
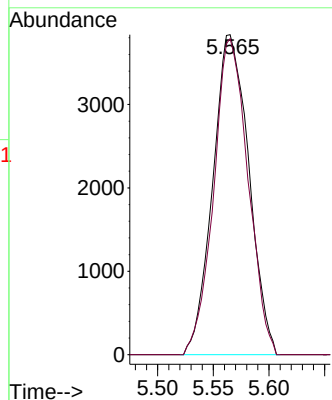
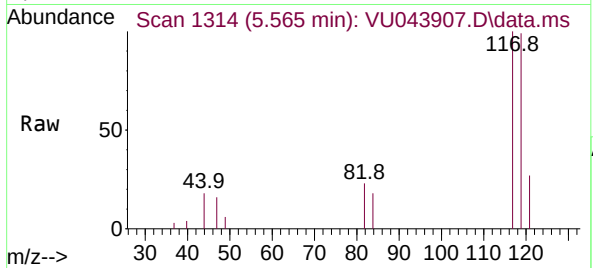




#31
Carbon tetrachloride
Concen: 0.48 ug/L
RT: 5.565 min Scan# 1314
Delta R.T. 0.032 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

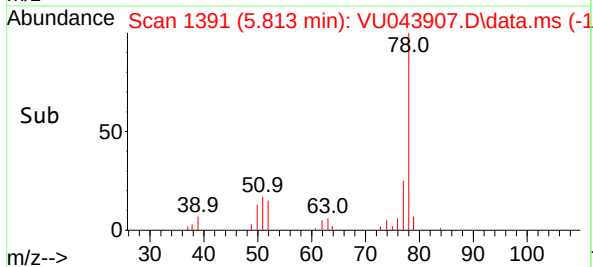
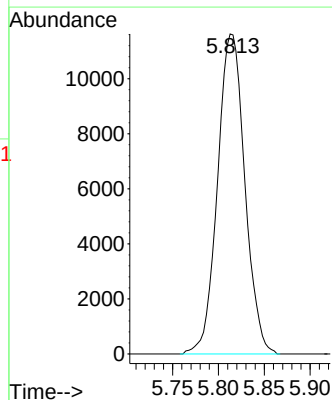
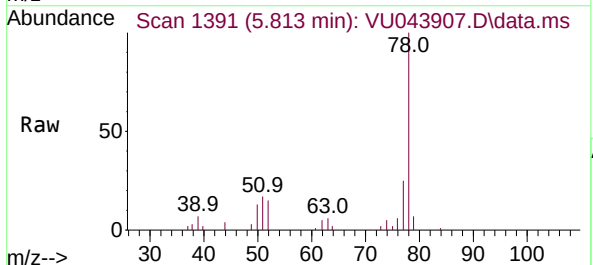
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

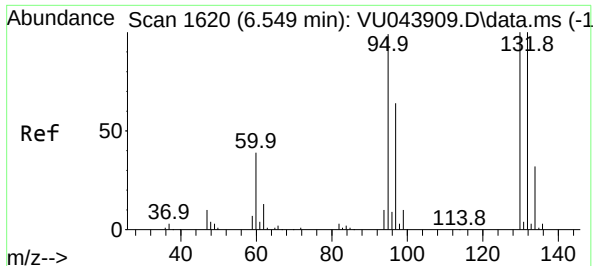
Tgt Ion:117 Resp: 8611
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.0



#33
Benzene
Concen: 0.41 ug/L
RT: 5.813 min Scan# 1391
Delta R.T. 0.029 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 78 Resp: 24086



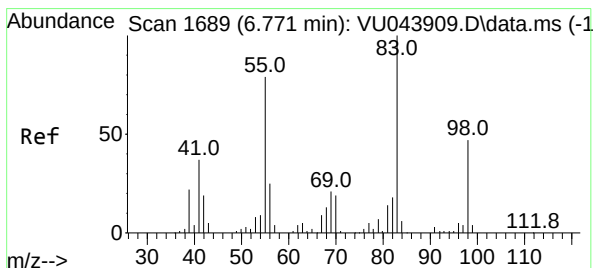
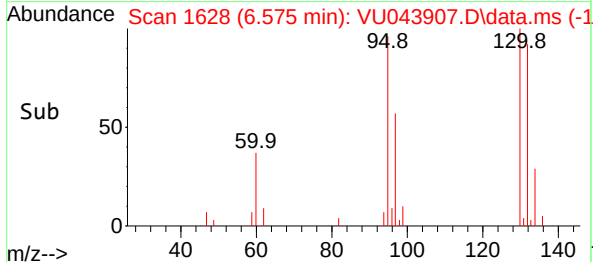
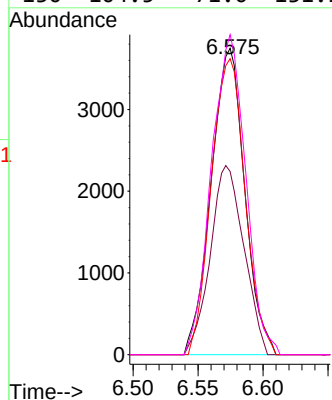
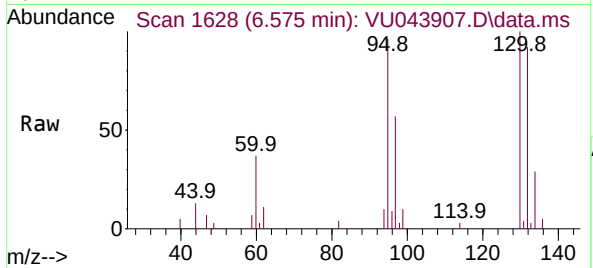


#34
Trichloroethene
Concen: 0.44 ug/L
RT: 6.575 min Scan# 1628
Delta R.T. 0.026 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

Tgt Ion: 95 Resp: 6740

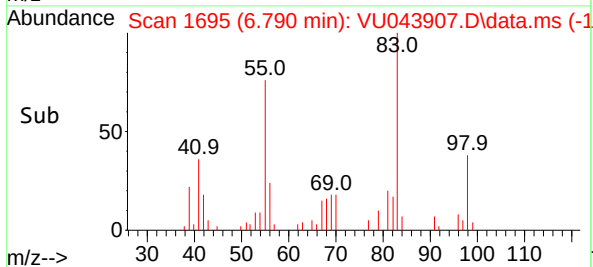
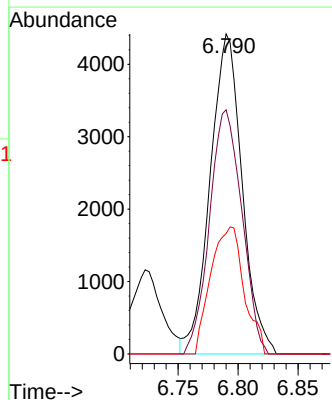
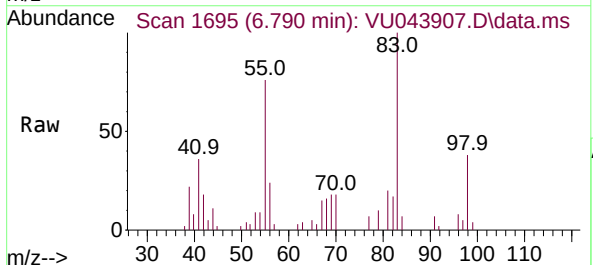
Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.5	84.5
132	96.6	70.9	131.7
130	104.5	71.0	131.9

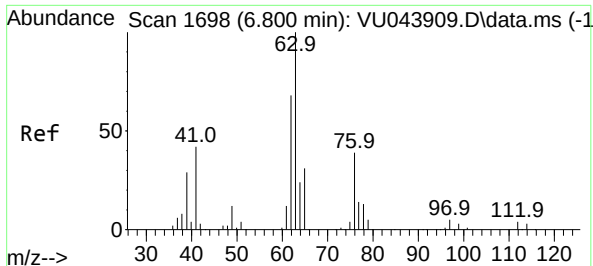


#35
Methylcyclohexane
Concen: 0.35 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.019 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 83 Resp: 8184

Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.2	91.8
98	41.4	37.0	55.4



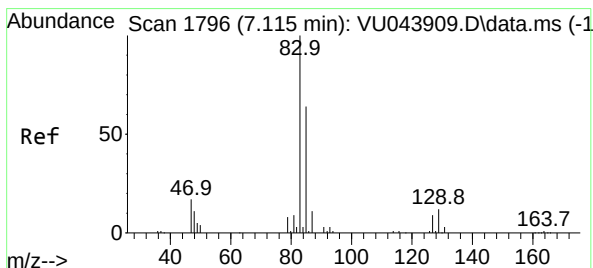
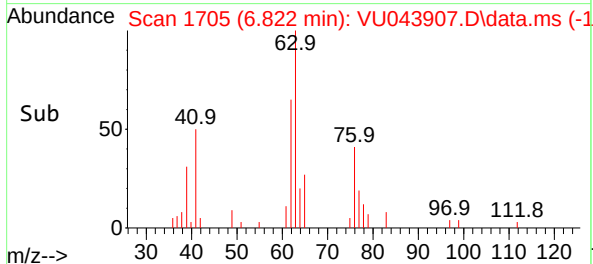
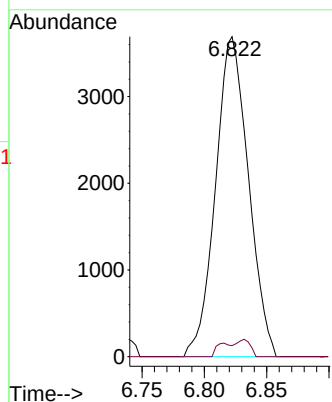
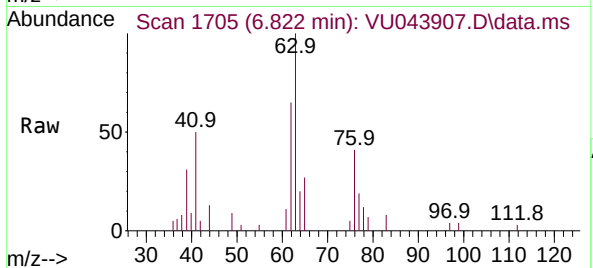


#37

1,2-Dichloropropane
Concen: 0.44 ug/L
RT: 6.822 min Scan# 1705
Delta R.T. 0.022 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

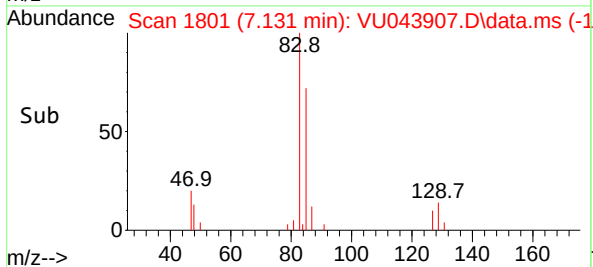
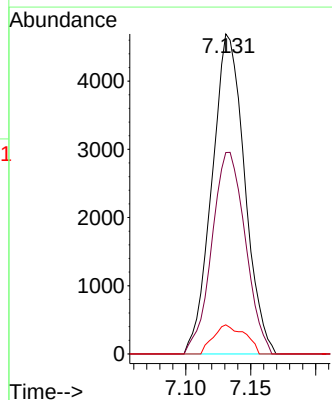
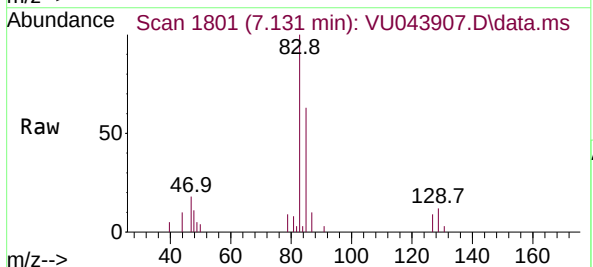
Tgt Ion: 63 Resp: 6780
Ion Ratio Lower Upper
63 100
112 1.9 3.7 5.5#

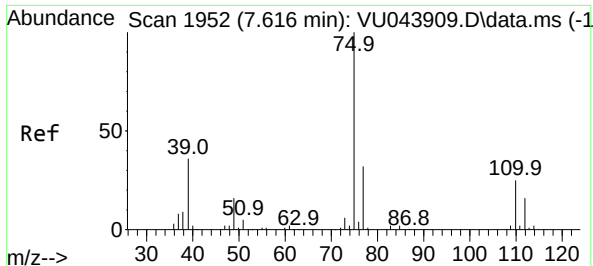


#38

Bromodichloromethane
Concen: 0.45 ug/L
RT: 7.131 min Scan# 1801
Delta R.T. 0.016 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 83 Resp: 8188
Ion Ratio Lower Upper
83 100
85 62.9 45.0 83.6
127 9.1 7.2 10.8



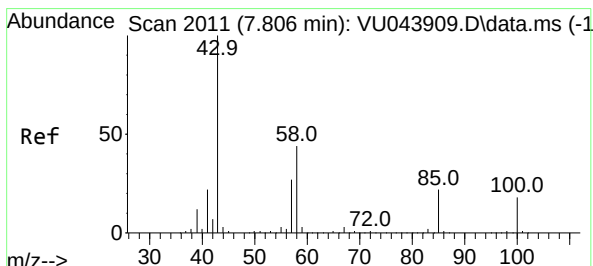
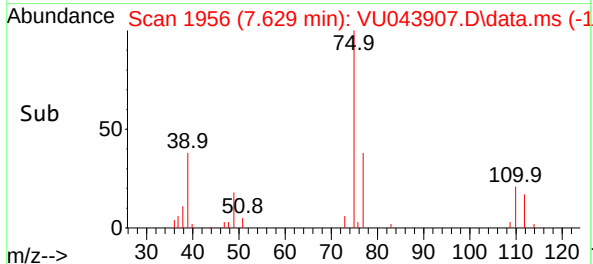
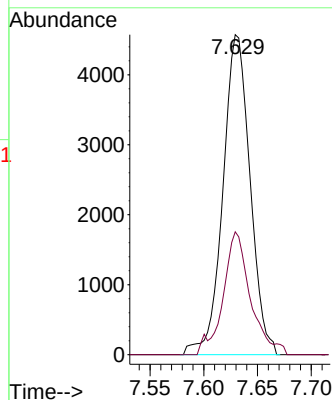
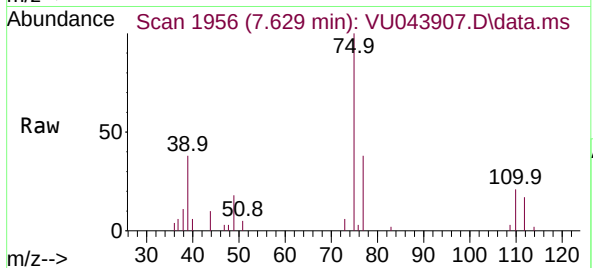


#39

cis-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 7.629 min Scan# 1956
Delta R.T. 0.013 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

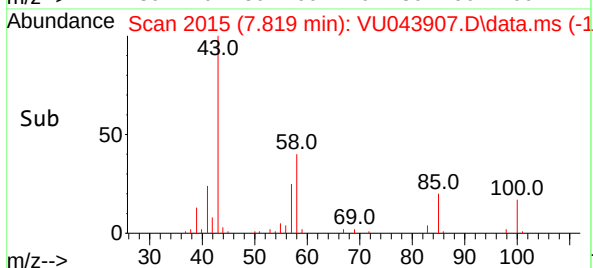
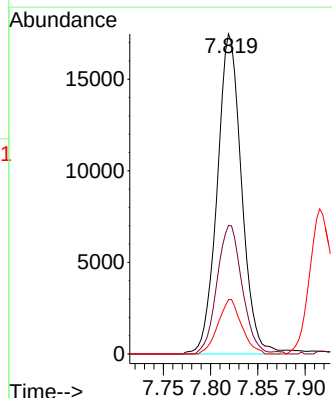
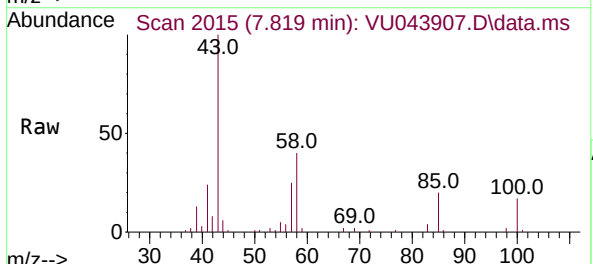
Tgt Ion: 75 Resp: 8035
Ion Ratio Lower Upper
75 100
77 38.4 22.3 41.3

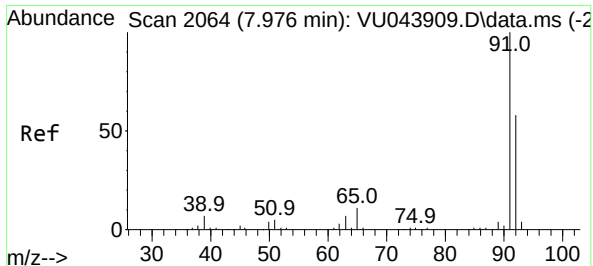


#40

4-Methyl-2-pentanone
Concen: 3.23 ug/L
RT: 7.819 min Scan# 2015
Delta R.T. 0.013 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 43 Resp: 31319
Ion Ratio Lower Upper
43 100
58 41.4 35.2 52.8
100 16.5 14.2 21.2

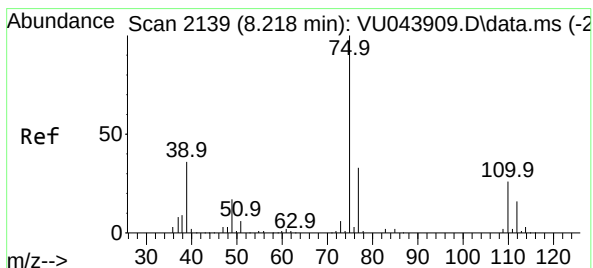
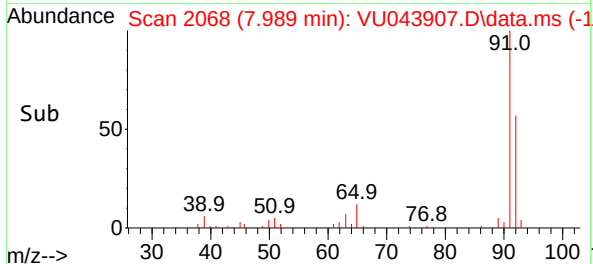
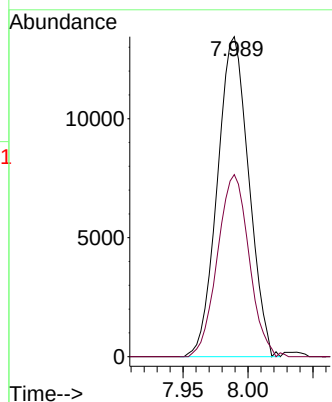
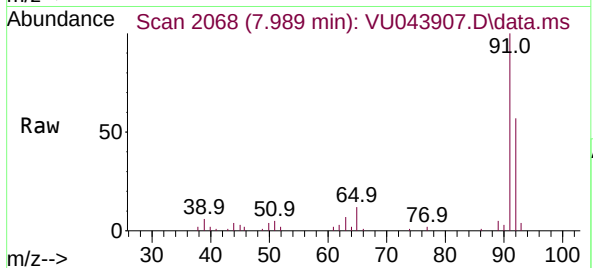




#42
Toluene
Concen: 0.36 ug/L
RT: 7.989 min Scan# 2068
Delta R.T. 0.013 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

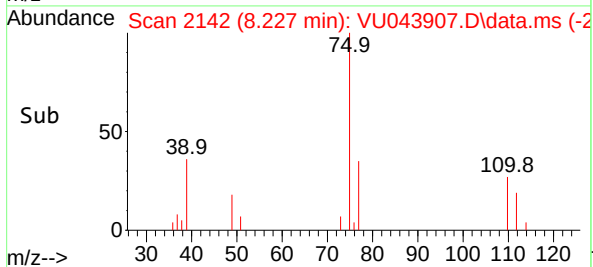
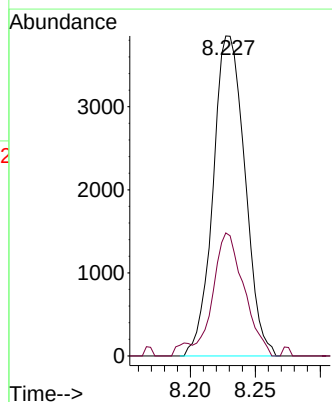
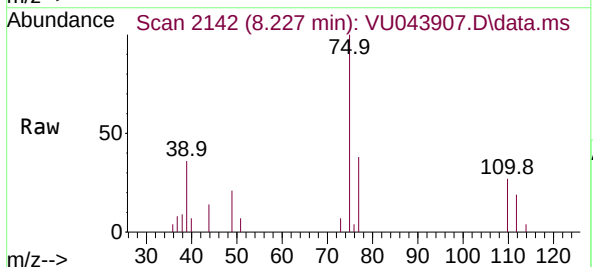
Instrument :
MSVOA_U
ClientSampled :
VSTD0.5131

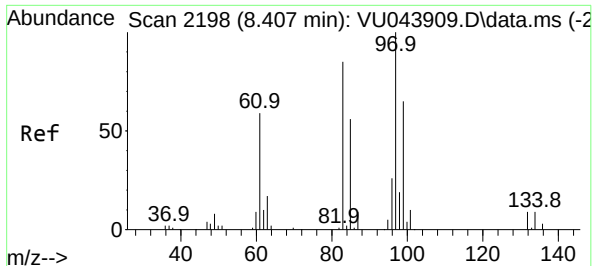
Tgt Ion: 91 Resp: 22610
Ion Ratio Lower Upper
91 100
92 56.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 8.227 min Scan# 2142
Delta R.T. 0.010 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 75 Resp: 6551
Ion Ratio Lower Upper
75 100
77 38.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 0.46 ug/L

RT: 8.420 min Scan# 2202

Delta R.T. 0.013 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion: 97 Resp: 5152

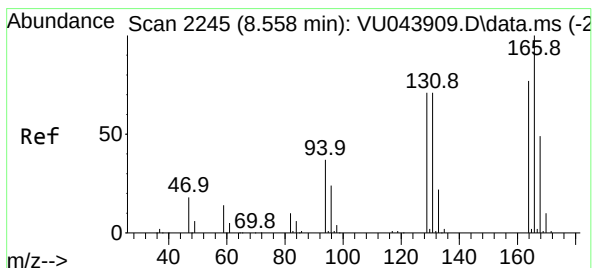
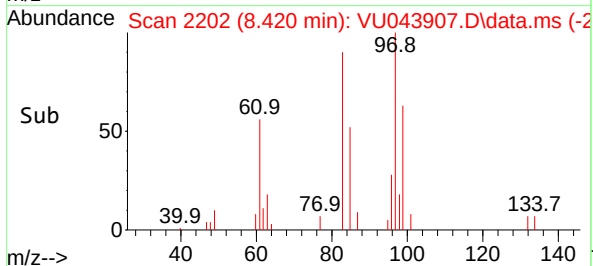
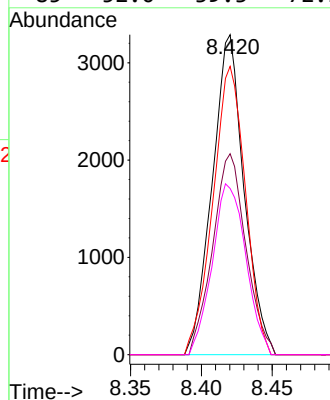
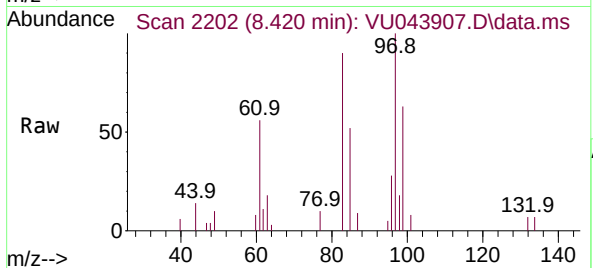
Ion Ratio Lower Upper

97 100

99 62.8 45.6 84.6

83 90.1 59.6 110.8

85 52.0 39.3 72.9



#47

Tetrachloroethene

Concen: 0.44 ug/L

RT: 8.568 min Scan# 2248

Delta R.T. 0.010 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion: 164 Resp: 5511

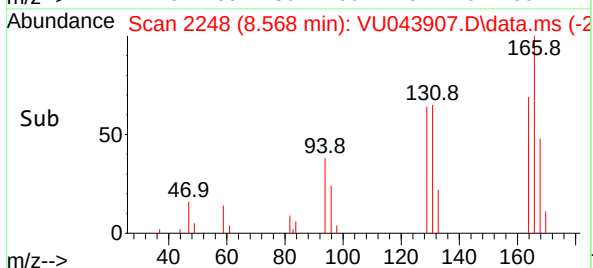
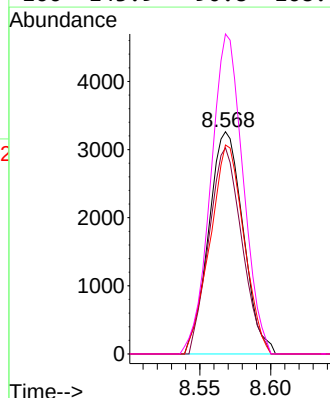
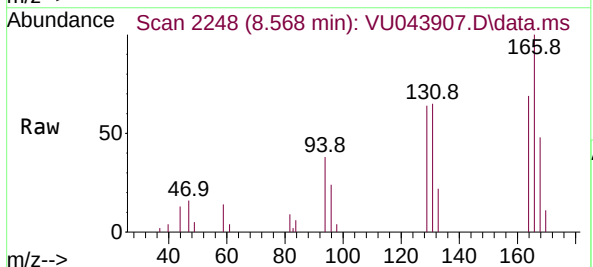
Ion Ratio Lower Upper

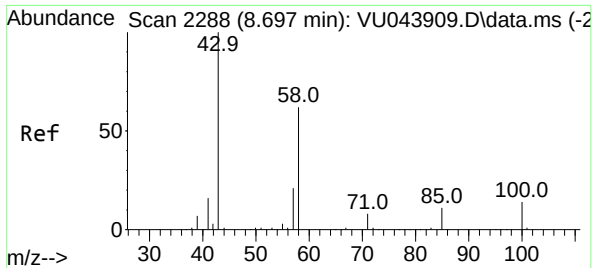
164 100

129 92.7 64.1 119.1

131 94.0 64.5 119.9

166 143.9 90.8 168.6

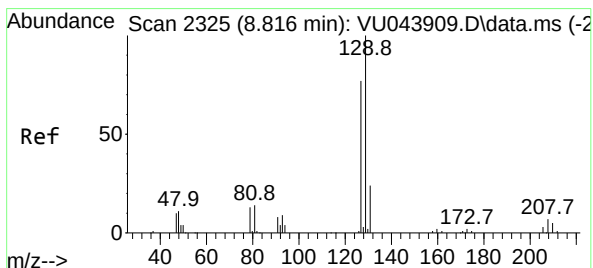
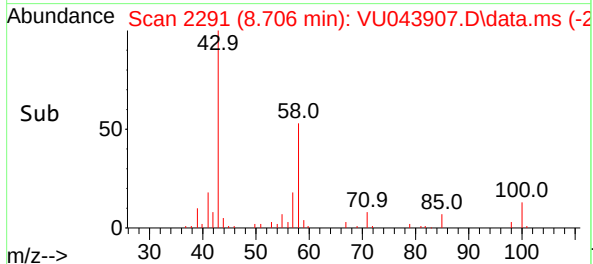
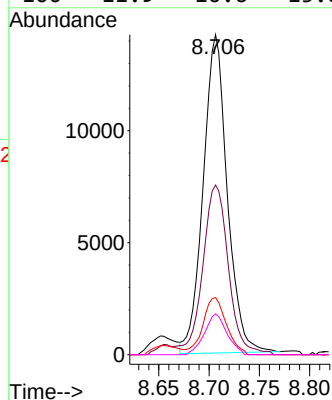
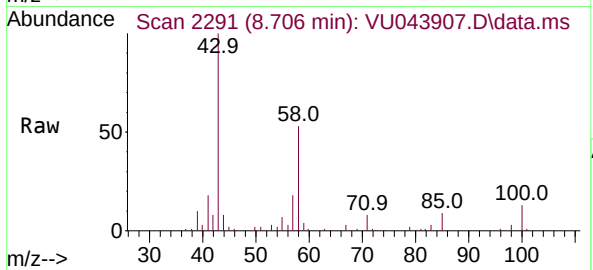




#48
2-Hexanone
Concen: 3.28 ug/L
RT: 8.706 min Scan# 2291
Delta R.T. 0.010 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

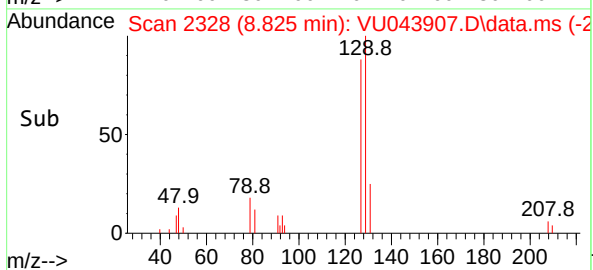
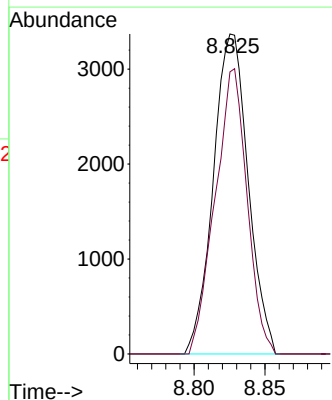
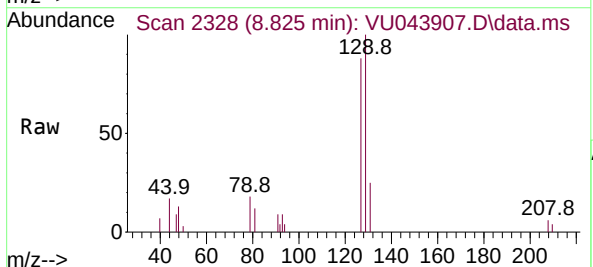
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

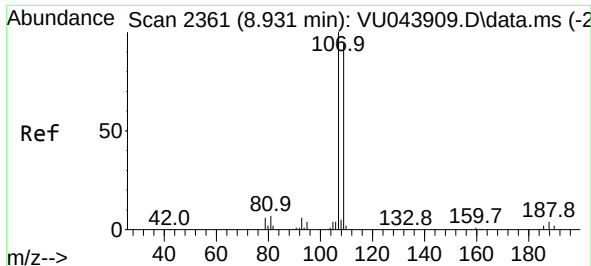
Tgt Ion:	43	Resp:	23688
Ion	Ratio	Lower	Upper
43	100		
58	57.0	49.4	74.0
57	17.7	16.8	25.2
100	11.9	10.6	15.8



#49
Dibromochloromethane
Concen: 0.46 ug/L
RT: 8.825 min Scan# 2328
Delta R.T. 0.010 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:	129	Resp:	5778
Ion	Ratio	Lower	Upper
129	100		
127	88.1	54.1	100.5





#50

1,2-Dibromoethane

Concen: 0.43 ug/L

RT: 8.941 min Scan# 2364

Delta R.T. 0.010 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

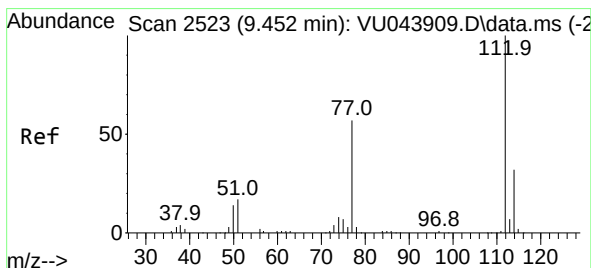
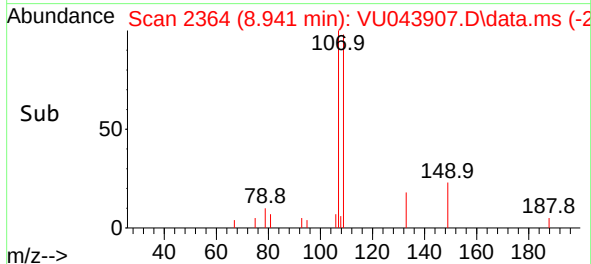
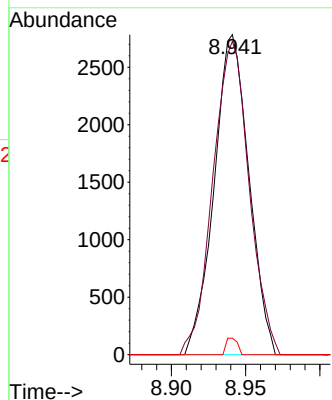
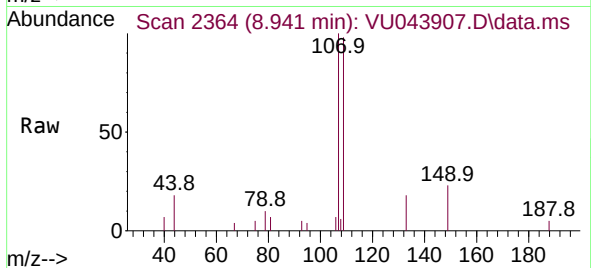
Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5131

Tgt Ion:	107	Resp:	4544
Ion	Ratio	Lower	Upper
107	100		
109	97.9	65.5	121.6
188	5.1	3.2	4.8#



#51

Chlorobenzene

Concen: 0.42 ug/L

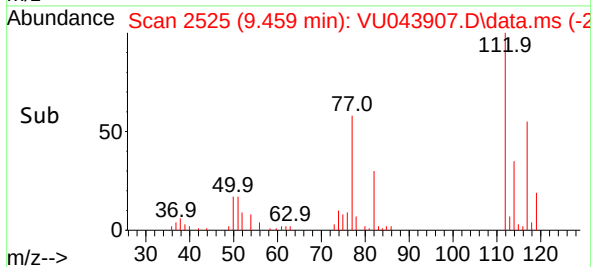
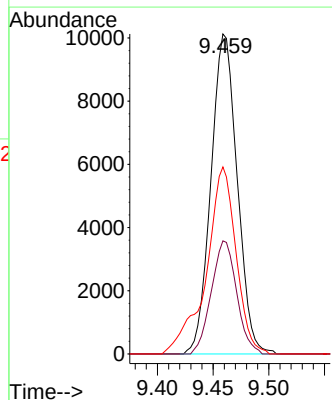
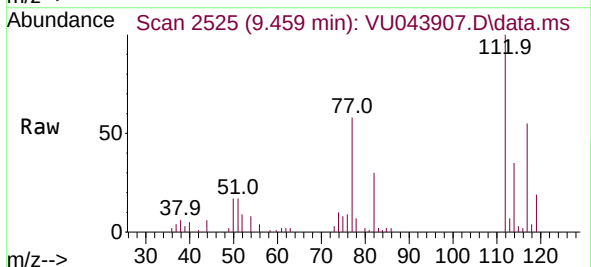
RT: 9.459 min Scan# 2525

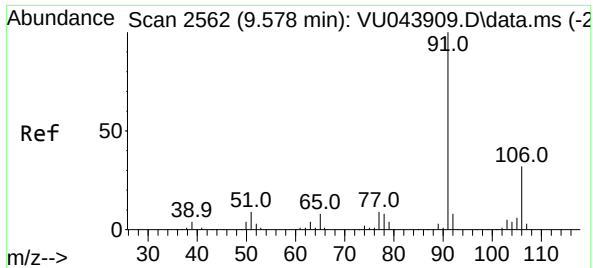
Delta R.T. 0.006 min

Lab File: VU043907.D

Acq: 24 May 2021 13:47

Tgt Ion:	112	Resp:	16610
Ion	Ratio	Lower	Upper
112	100		
114	35.4	22.7	42.1
77	58.5	45.9	68.9

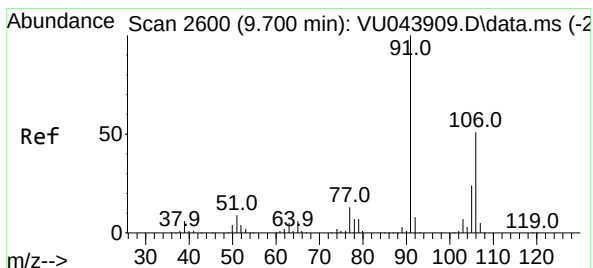
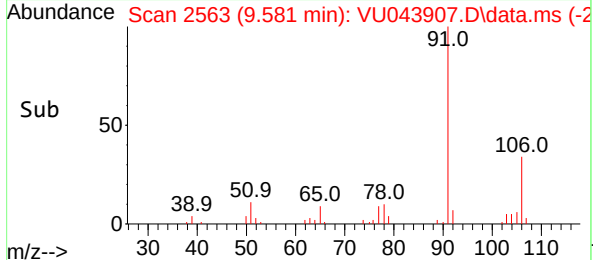
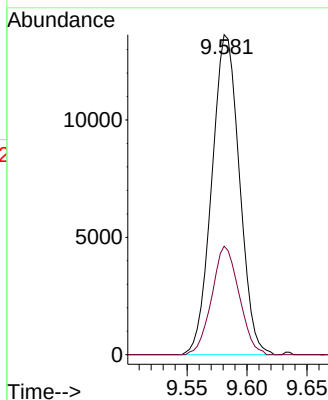
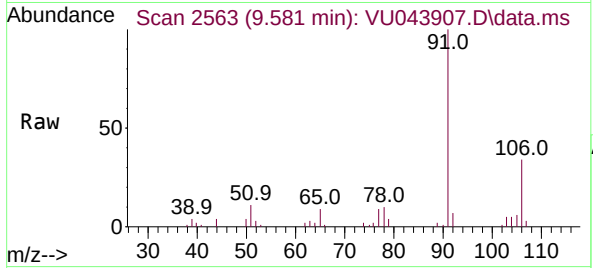




#52
Ethylbenzene
Concen: 0.35 ug/L
RT: 9.581 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

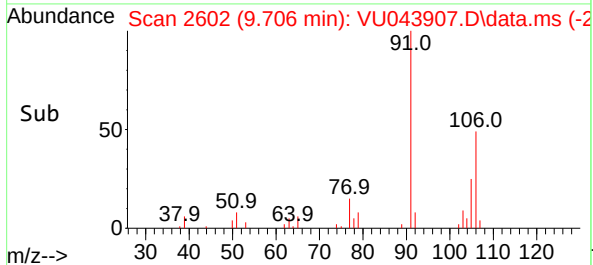
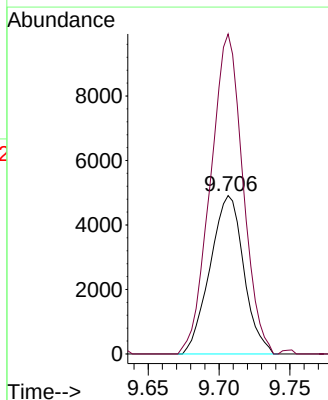
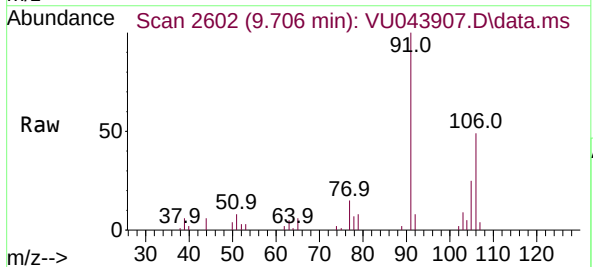
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

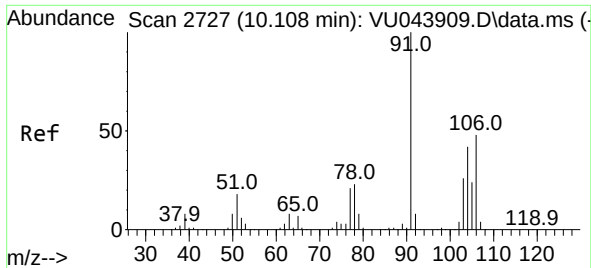
Tgt Ion: 91 Resp: 21811
Ion Ratio Lower Upper
91 100
106 33.9 22.5 41.7



#53
m,p-Xylene
Concen: 0.33 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.006 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:106 Resp: 8113
Ion Ratio Lower Upper
106 100
91 202.1 137.3 255.1

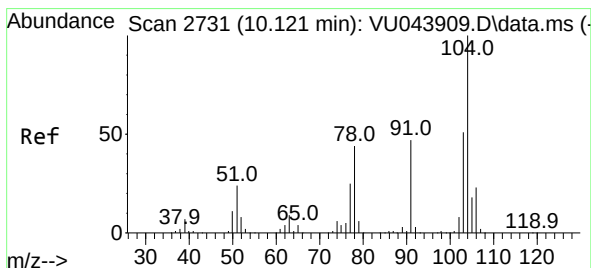
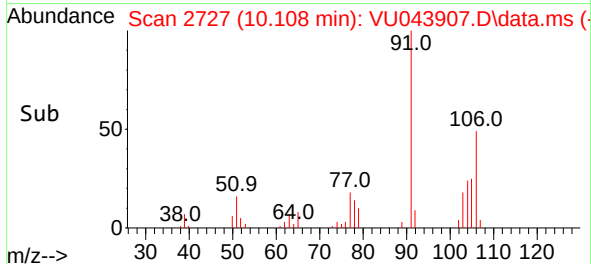
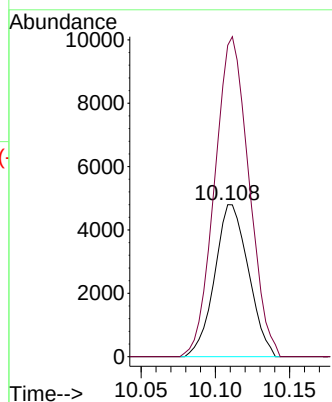
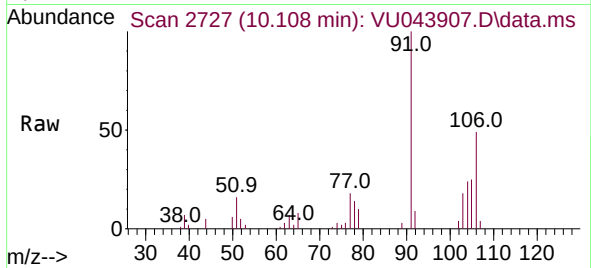




#54
o-Xylene
Concen: 0.33 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

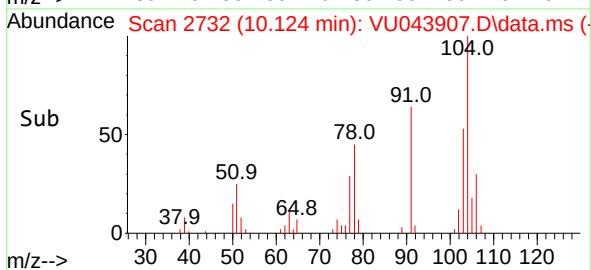
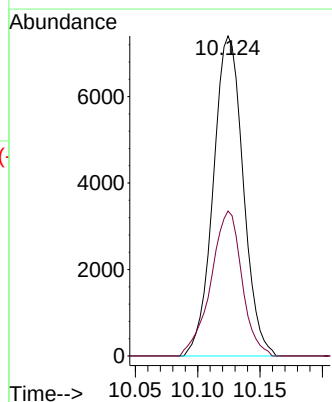
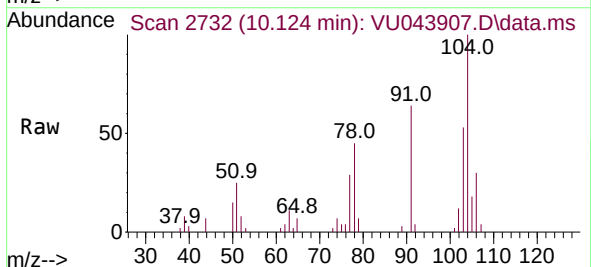
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

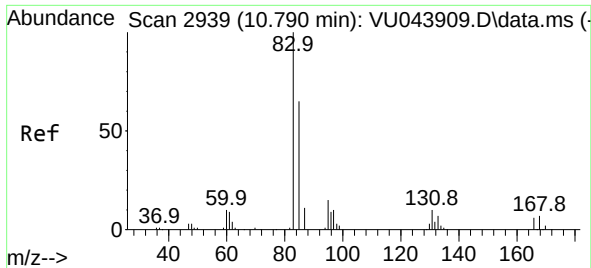
Tgt Ion:106 Resp: 7583
Ion Ratio Lower Upper
106 100
91 204.9 146.9 272.9



#55
Styrene
Concen: 0.31 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:104 Resp: 12374
Ion Ratio Lower Upper
104 100
78 45.3 30.5 56.7

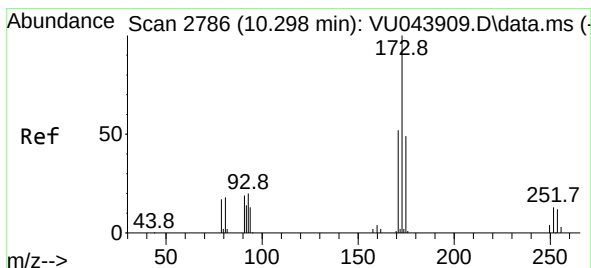
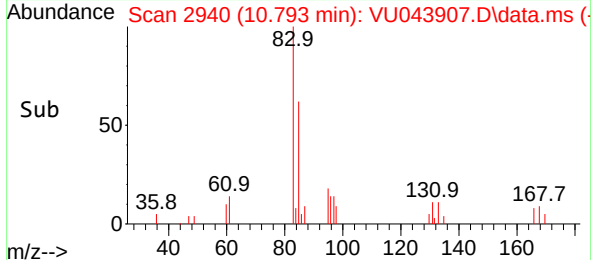
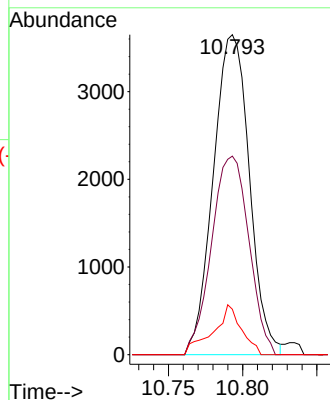
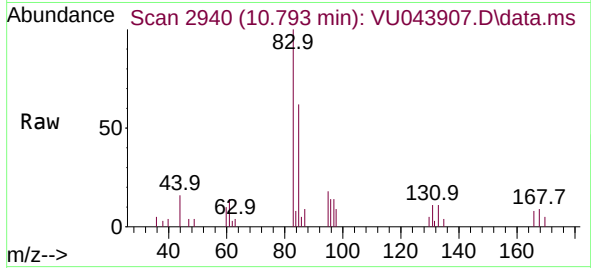




#57
1,1,2,2-Tetrachloroethane
Concen: 0.43 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

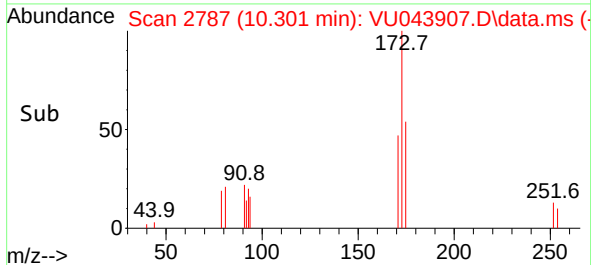
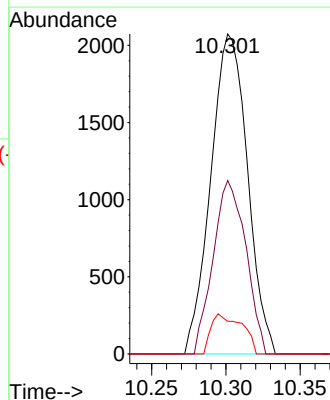
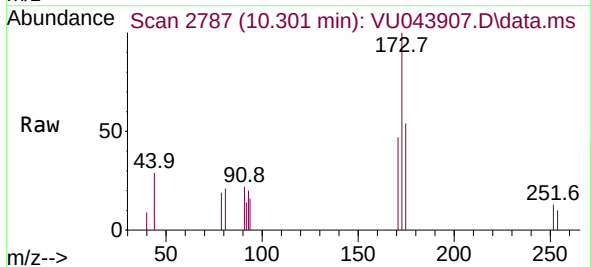
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

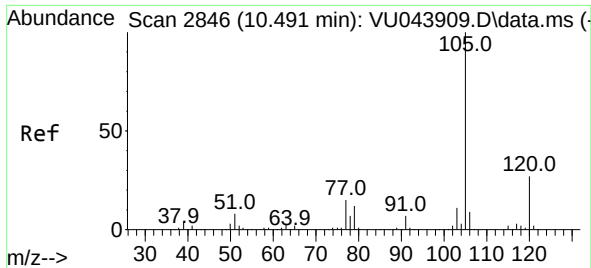
Tgt Ion: 83 Resp: 6174
Ion Ratio Lower Upper
83 100
85 67.2 45.5 84.5
131 14.2 8.1 12.1#



#59
Bromoform
Concen: 0.53 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion: 173 Resp: 3558
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 10.5 9.3 13.9

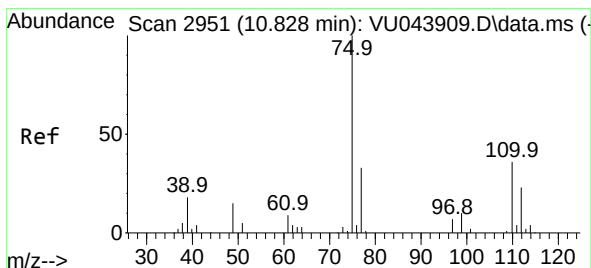
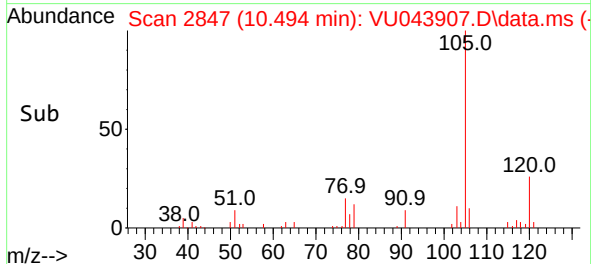
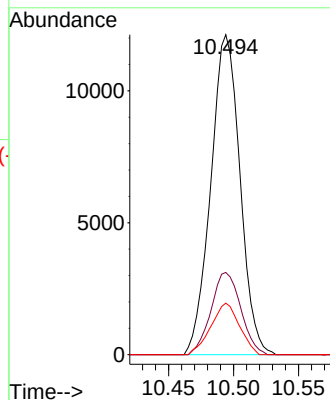
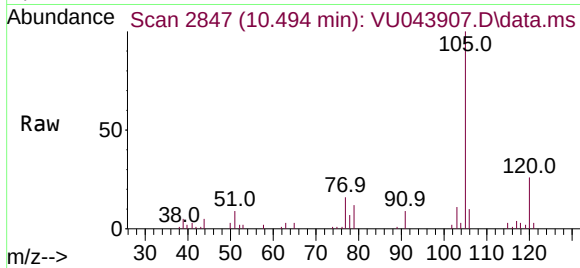




#60
Isopropylbenzene
Concen: 0.36 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

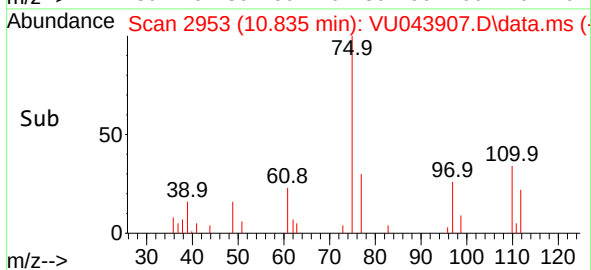
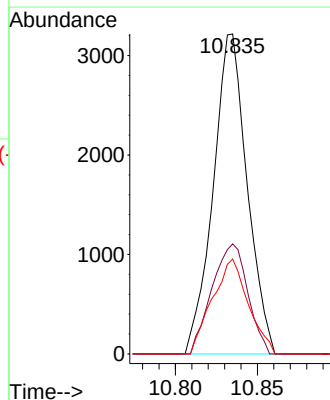
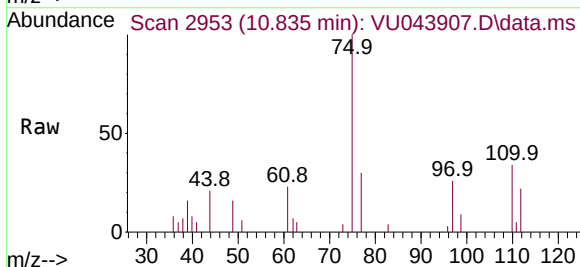
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

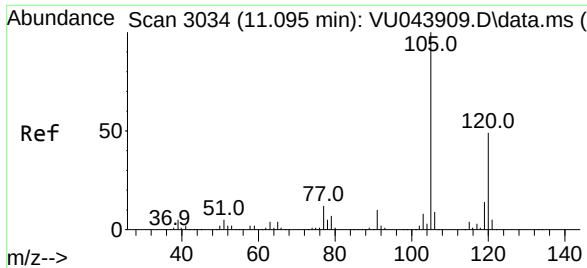
Tgt Ion:	105	Resp:	18975
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.6	32.4
77	15.8	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 0.49 ug/L
RT: 10.835 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:	75	Resp:	4618
Ion Ratio	Lower	Upper	
75	100		
110	36.2	29.3	43.9
77	31.4	26.3	39.5

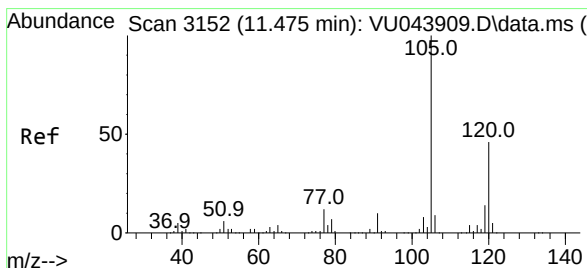
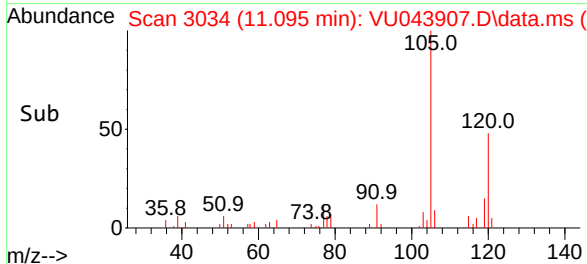
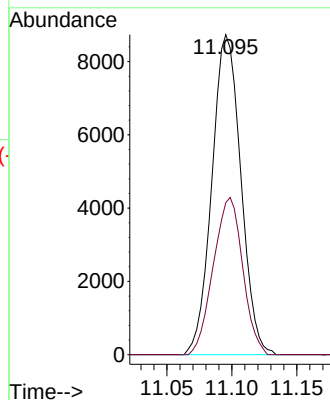
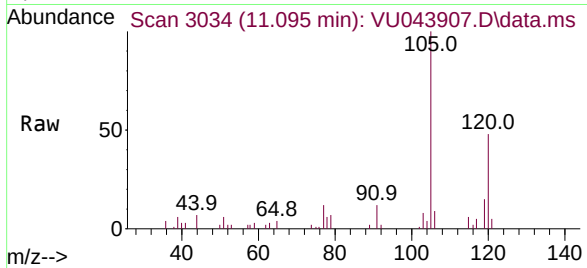




#62
1,3,5-Trimethylbenzene
Concen: 0.32 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

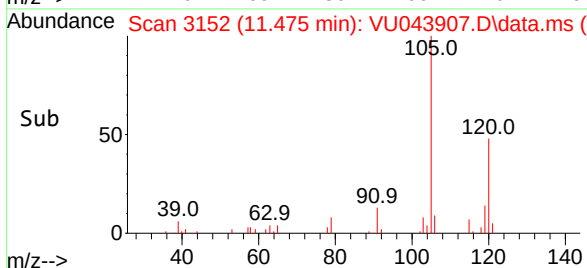
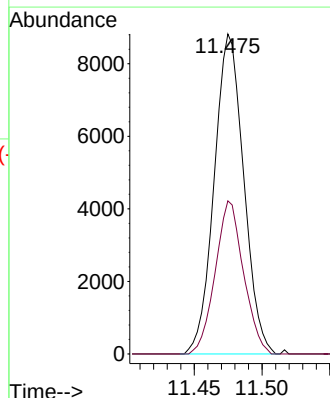
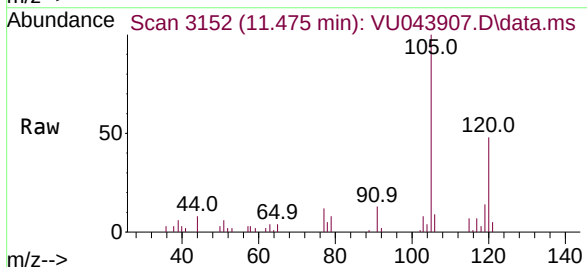
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

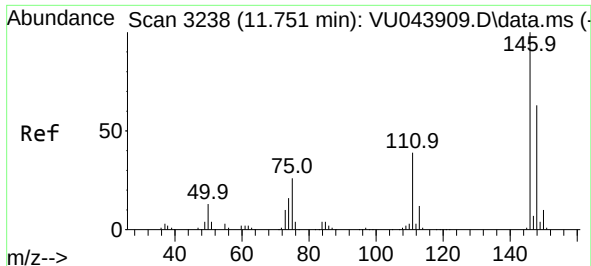
Tgt Ion:105 Resp: 13524
Ion Ratio Lower Upper
105 100
120 49.8 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 0.31 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:105 Resp: 13344
Ion Ratio Lower Upper
105 100
120 45.8 36.3 54.5

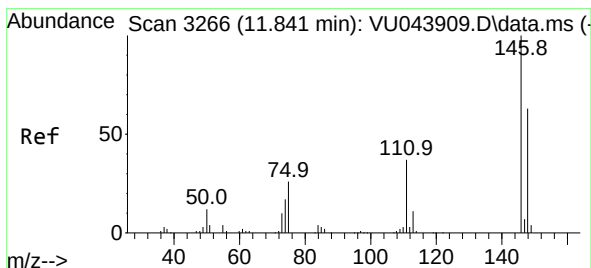
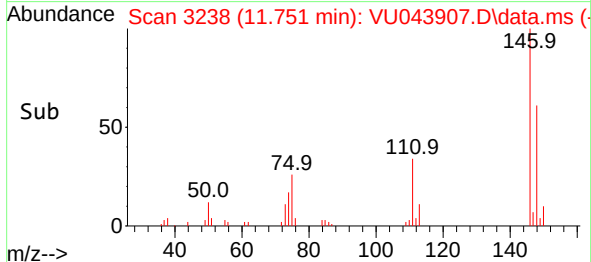
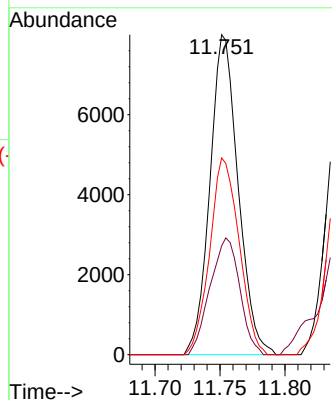
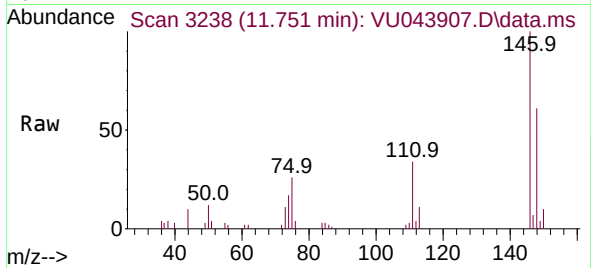




#64
1,3-Dichlorobenzene
Concen: 0.43 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

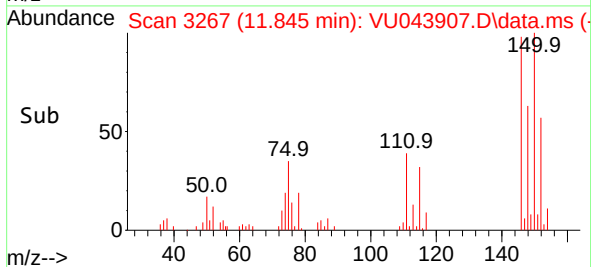
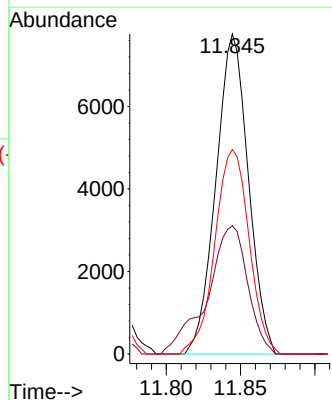
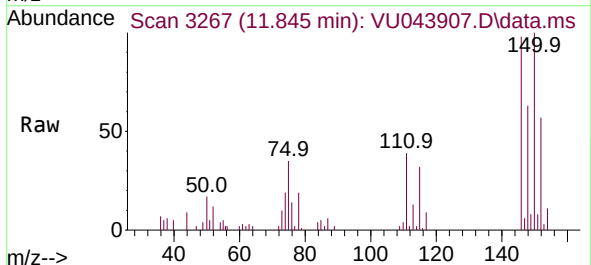
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131

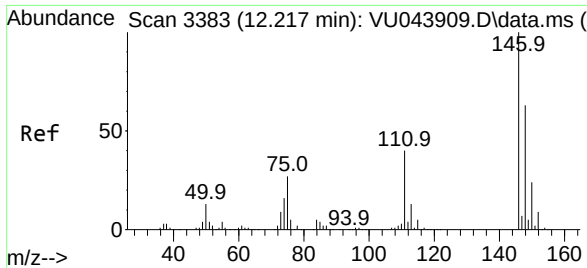
Tgt Ion:146 Resp: 12080
Ion Ratio Lower Upper
146 100
111 34.0 27.4 51.0
148 61.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.42 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

Tgt Ion:146 Resp: 11765
Ion Ratio Lower Upper
146 100
111 40.1 26.2 48.8
148 63.9 44.2 82.0

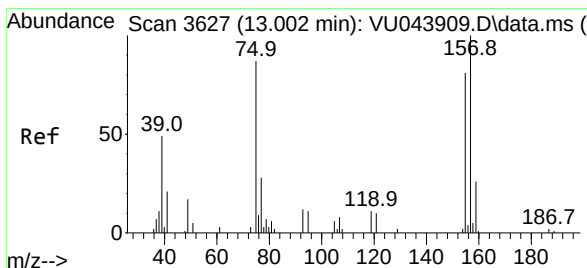
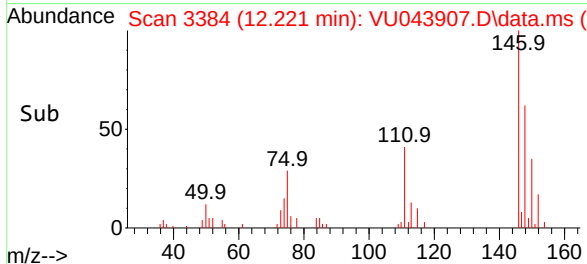
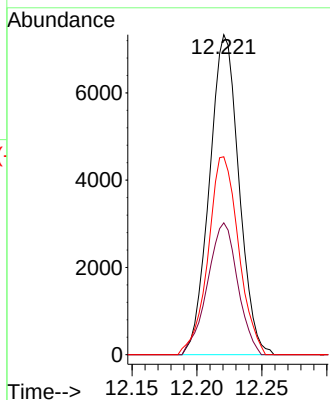
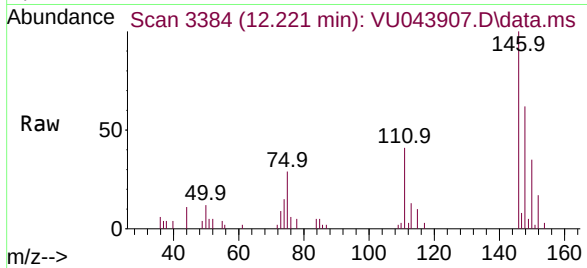




#67
1,2-Dichlorobenzene
Concen: 0.43 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

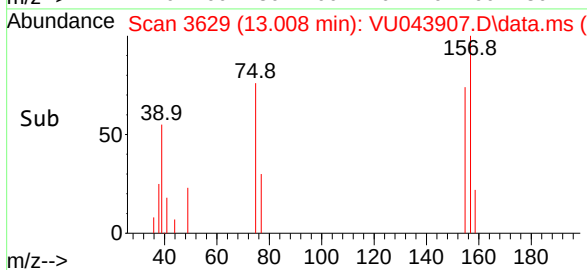
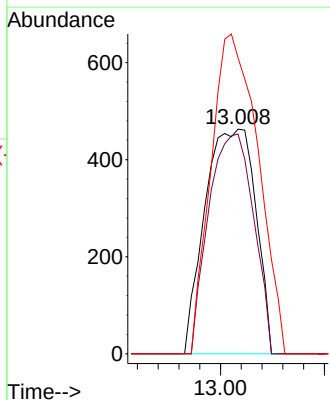
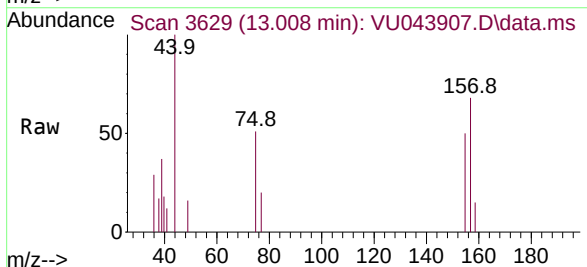
Instrument :
MSVOA_U
ClientSampled :
VSTD0.5131

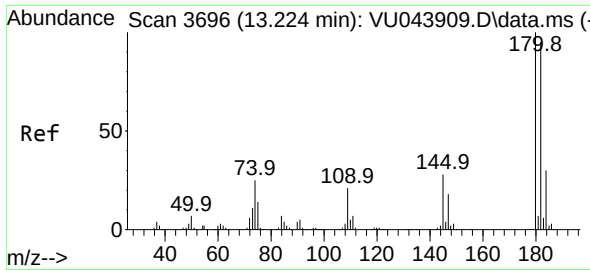
Tgt Ion:146 Resp: 11568
Ion Ratio Lower Upper
146 100
111 41.2 32.4 48.6
148 61.8 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.41 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.006 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

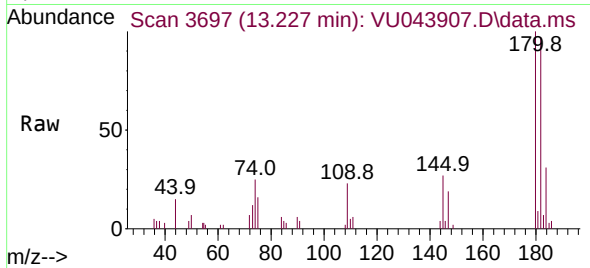
Tgt Ion: 75 Resp: 783
Ion Ratio Lower Upper
75 100
155 97.8 74.9 112.3
157 131.7 92.2 138.4





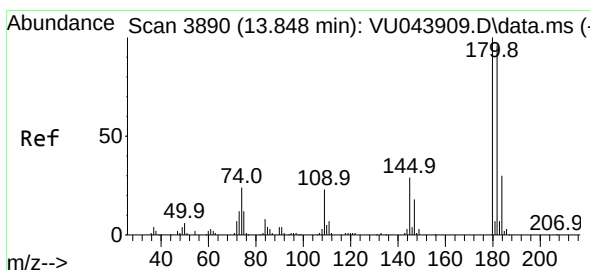
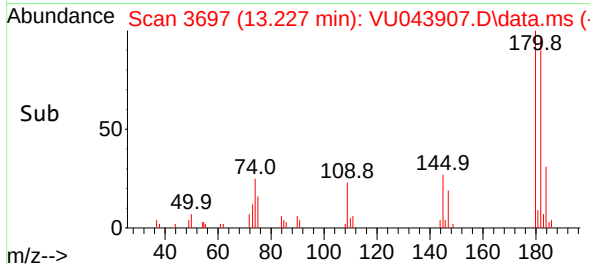
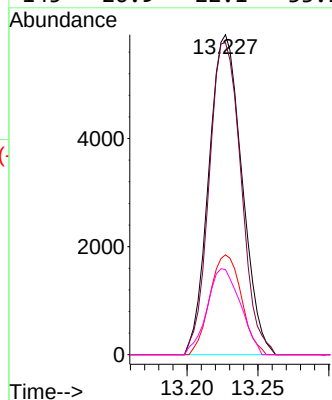
#69
 1,3,5-Trichlorobenzene
 Concen: 0.43 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU043907.D
 Acq: 24 May 2021 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5131



Tgt Ion:180 Resp: 9632

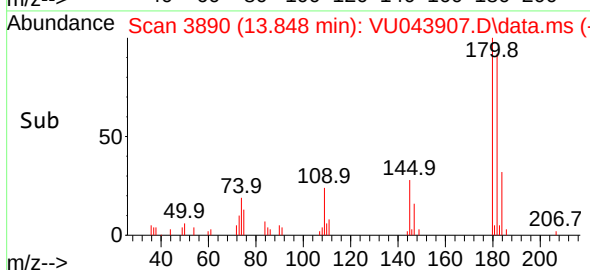
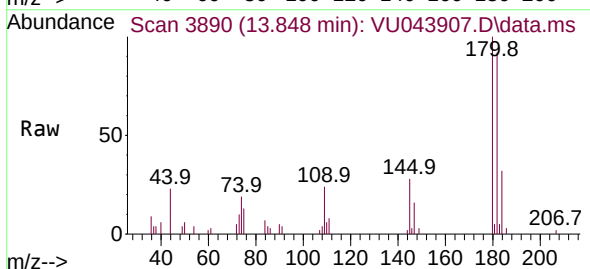
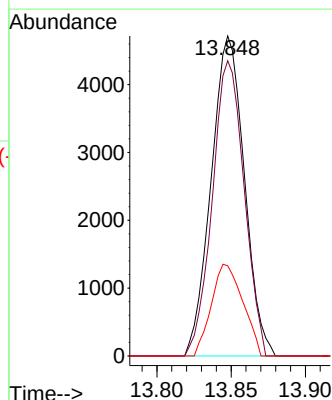
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.6	115.0
184	29.8	24.4	36.6
145	26.9	22.1	33.1

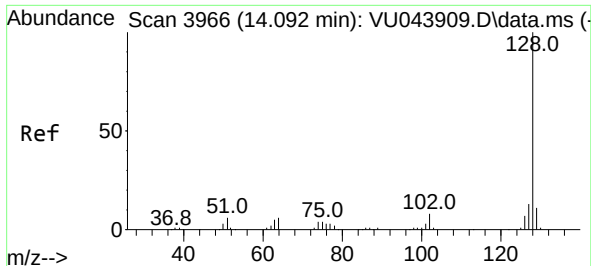


#70
 1,2,4-trichlorobenzene
 Concen: 0.40 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043907.D
 Acq: 24 May 2021 13:47

Tgt Ion:180 Resp: 7325

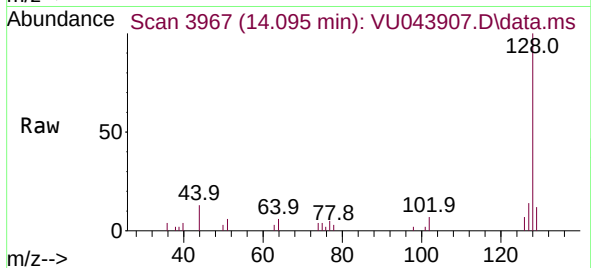
Ion	Ratio	Lower	Upper
180	100		
182	88.2	76.4	114.6
145	27.1	23.2	34.8



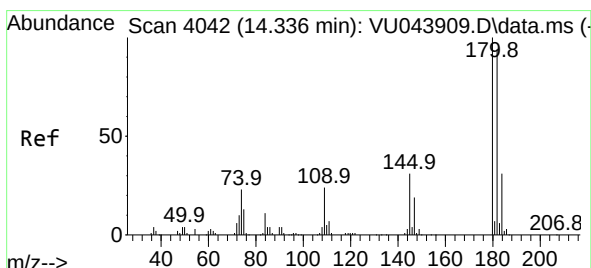
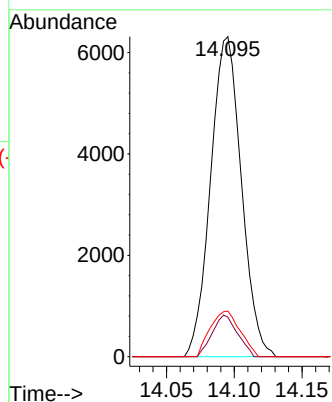
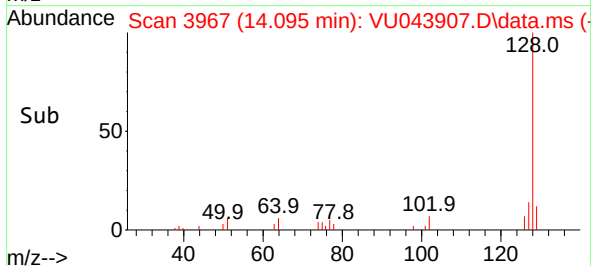


#71
Naphthalene
Concen: 0.32 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47

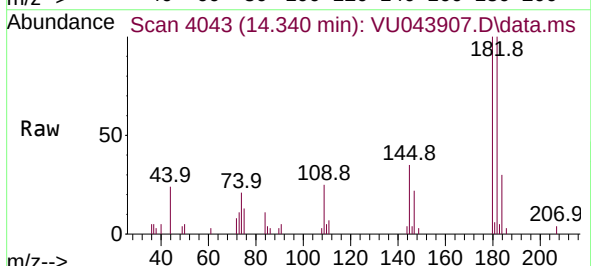
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5131



Tgt Ion:128 Resp: 9975
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.8 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 0.37 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043907.D
Acq: 24 May 2021 13:47



Tgt Ion:180 Resp: 6477
Ion Ratio Lower Upper
180 100
182 97.7 75.0 112.4
145 33.1 24.1 36.1

