

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082021\
 Data File : VU044477.D
 Acq On : 20 Aug 2021 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:40:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 20 05:12:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117953	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	120235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41838	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.916	69	38735	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.571	65	19675	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.639	46	91875	34.823	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.640%
24) Chloroform-d	5.070	84	84113	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.710	65	44987	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.735	84	163289	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.697	67	52749	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.906	98	145638	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.185	79	19641	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.645	63	113510	53.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46132	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	50396	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	62464	5.149	ug/L	100
3) Chloromethane	1.520	50	75835	4.772	ug/L	99
5) Vinyl chloride	1.607	62	76005	5.174	ug/L	100
6) Bromomethane	1.861	94	43301	5.423	ug/L	97
8) Chloroethane	1.938	64	46131	5.137	ug/L	98
9) Trichlorofluoromethane	2.144	101	87402	5.203	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	49835	5.392	ug/L	99
12) 1,1-Dichloroethene	2.584	96	46950	5.179	ug/L	97
13) Acetone	2.645	43	58581	26.740	ug/L	79
14) Carbon disulfide	2.800	76	149756	5.093	ug/L	100
15) Methyl Acetate	2.960	43	17133	4.788	ug/L	92
16) Methylene chloride	3.054	84	56372	4.186	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	121665	5.190	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	49323	5.222	ug/L	98
19) 1,1-Dichloroethane	3.877	63	94914	5.184	ug/L	99
21) 2-Butanone	4.719	43	117496	37.635	ug/L	94
22) cis-1,2-Dichloroethene	4.677	96	53116	5.260	ug/L	97
23) Bromochloromethane	4.983	128	23847	5.356	ug/L	97
25) Chloroform	5.095	83	96530	5.138	ug/L	99

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Quant Time: Aug 21 02:40:01 2021
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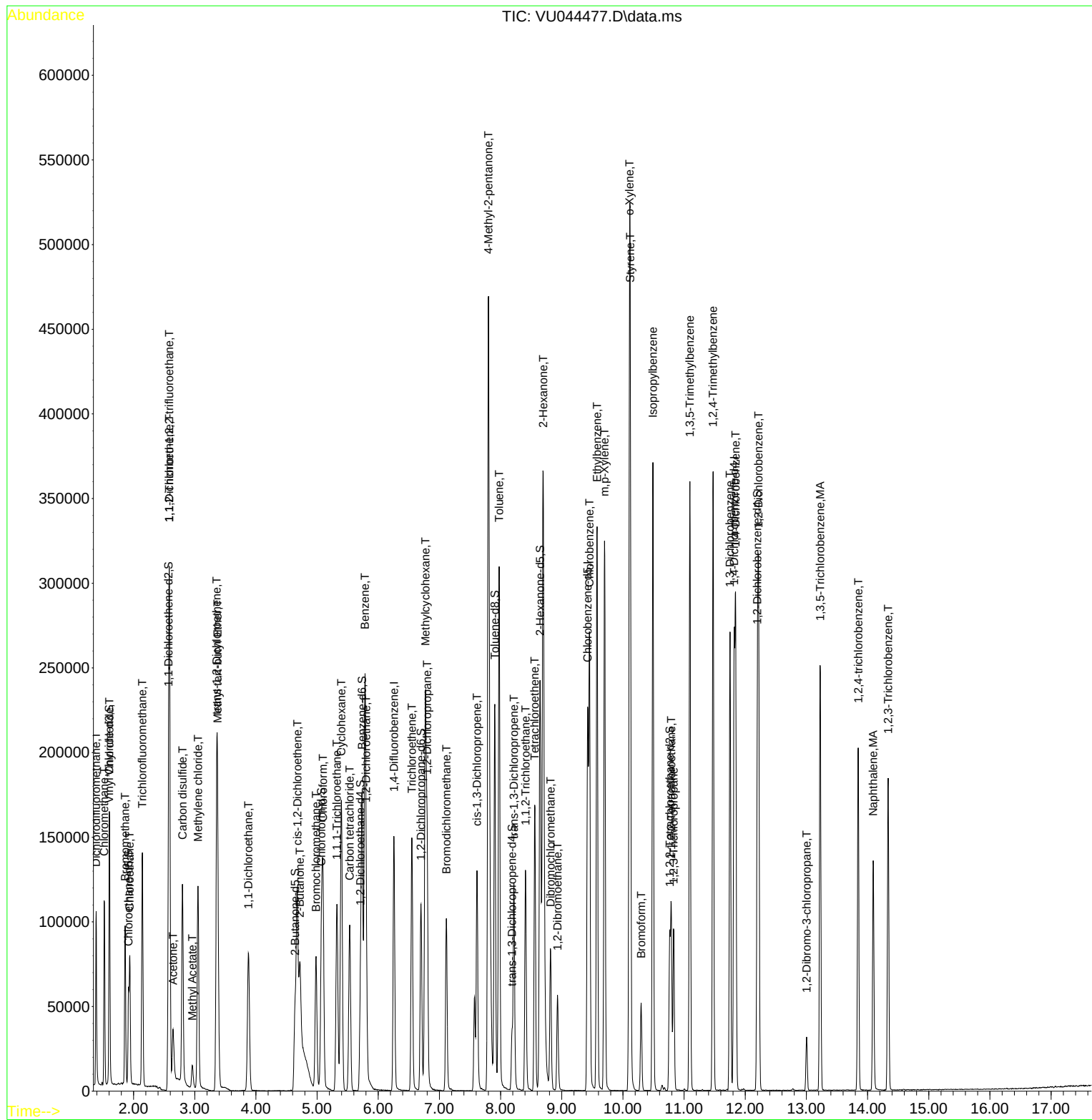
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	69214	5.524	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	79966	5.314	ug/L	98
30) Cyclohexane	5.398	56	86145	5.178	ug/L	100
31) Carbon tetrachloride	5.533	117	64265	5.197	ug/L	100
33) Benzene	5.784	78	215141	5.274	ug/L	100
34) Trichloroethene	6.549	95	52398	5.196	ug/L	97
35) Methylcyclohexane	6.771	83	88308	5.250	ug/L	98
37) 1,2-Dichloropropane	6.800	63	56308	5.271	ug/L	99
38) Bromodichloromethane	7.115	83	69645	5.310	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	78895	5.267	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	401376	55.341	ug/L	100
42) Toluene	7.976	91	223453	5.259	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	68483	5.394	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	40934	5.374	ug/L	94
47) Tetrachloroethene	8.558	164	35567	5.100	ug/L	98
48) 2-Hexanone	8.697	43	293067	56.630	ug/L	99
49) Dibromochloromethane	8.819	129	43008	5.335	ug/L	99
50) 1,2-Dibromoethane	8.931	107	39420	5.410	ug/L	99
51) Chlorobenzene	9.452	112	135676	5.203	ug/L	99
52) Ethylbenzene	9.578	91	235494	5.246	ug/L	99
53) m,p-Xylene	9.700	106	91729	5.436	ug/L	99
54) o-Xylene	10.108	106	88509	5.384	ug/L	99
55) Styrene	10.121	104	153017	5.678	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	55066	5.490	ug/L	99
59) Bromoform	10.298	173	22049	5.125	ug/L	99
60) Isopropylbenzene	10.491	105	230674	5.191	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	40284	5.294	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	189198	5.207	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	196363	5.270	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	101612	5.207	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	101812	5.164	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	99175	5.333	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	8150	5.236	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	69450	5.055	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	56727	5.268	ug/L	99
71) Naphthalene	14.092	128	107352	5.229	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	51341	5.207	ug/L	98

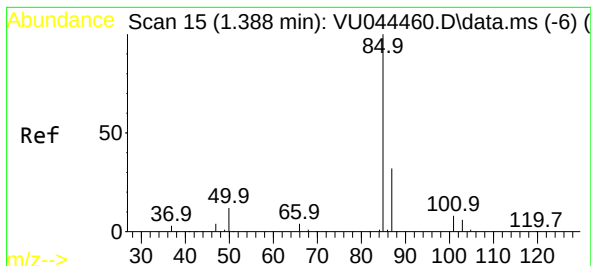
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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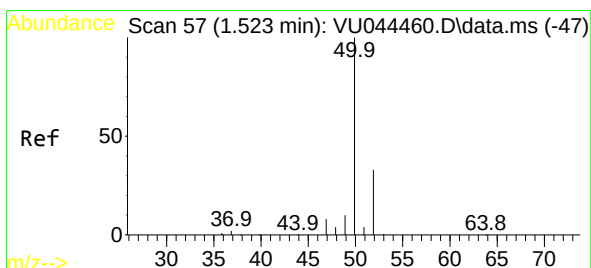
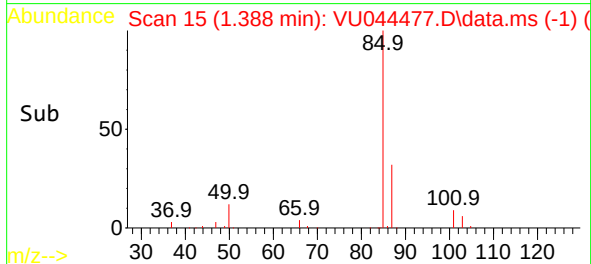
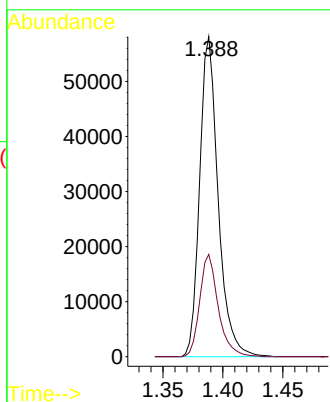
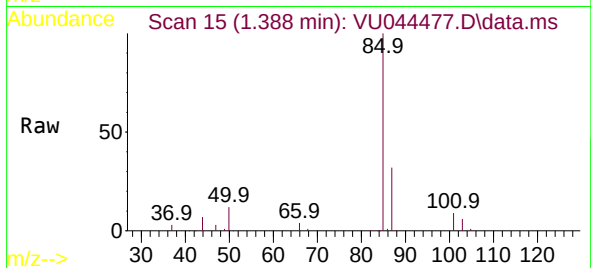




#2
Dichlorodifluoromethane
Concen: 5.149 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

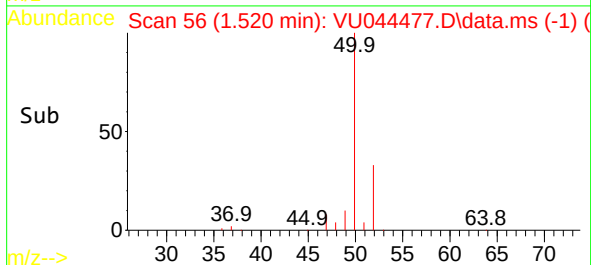
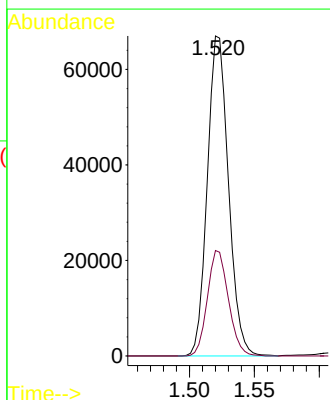
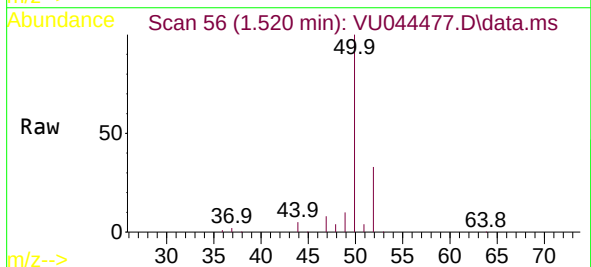
Instrument :
MSVOA_U
ClientSampled :

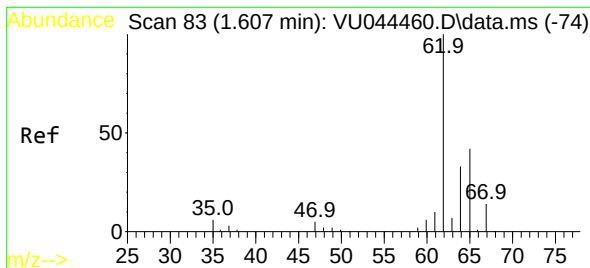
Tgt Ion: 85 Resp: 62464
Ion Ratio Lower Upper
85 100
87 32.0 25.7 38.5



#3
Chloromethane
Concen: 4.772 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 50 Resp: 75835
Ion Ratio Lower Upper
50 100
52 32.9 22.8 42.4





#5

Vinyl chloride

Concen: 5.174 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044477.D

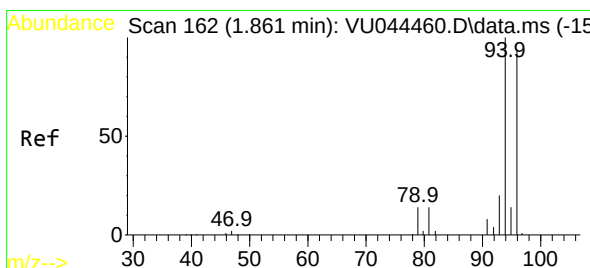
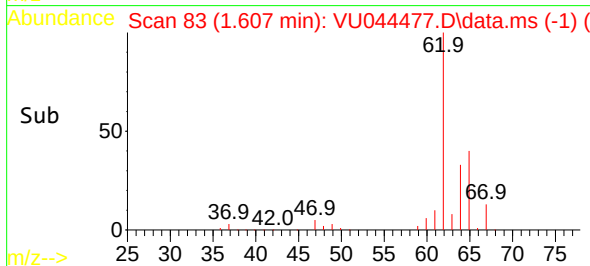
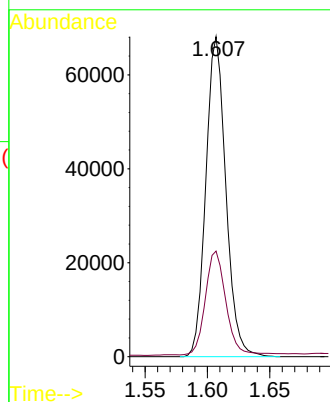
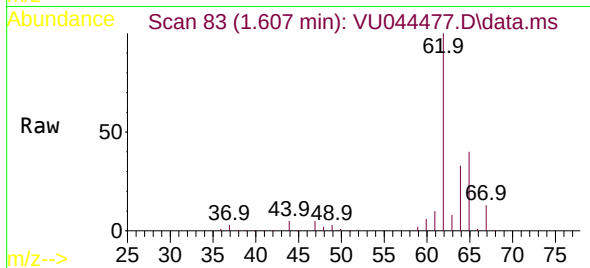
Acq: 20 Aug 2021 09:40

Tgt Ion: 62 Resp: 76005

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#6

Bromomethane

Concen: 5.423 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.000 min

Lab File: VU044477.D

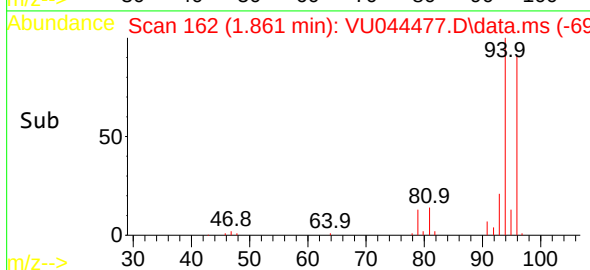
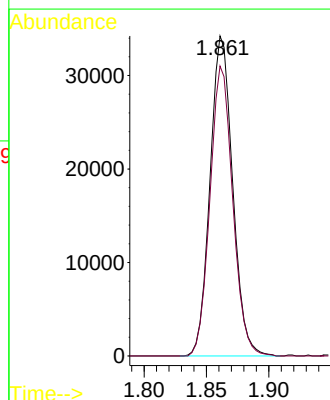
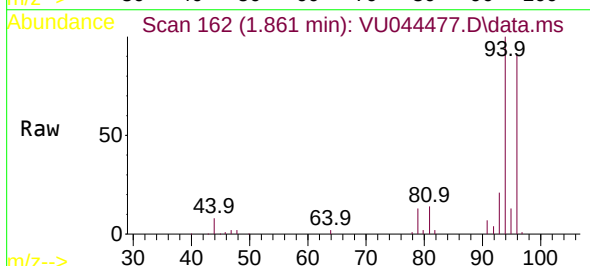
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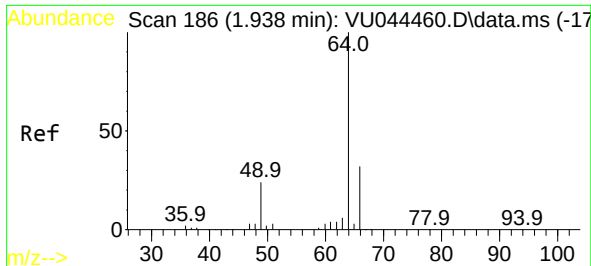
Tgt Ion: 94 Resp: 43301

Ion Ratio Lower Upper

94 100

96 90.6 65.2 121.2

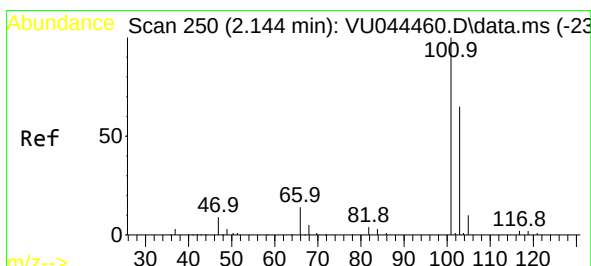
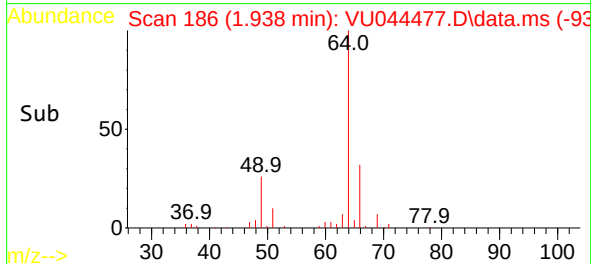
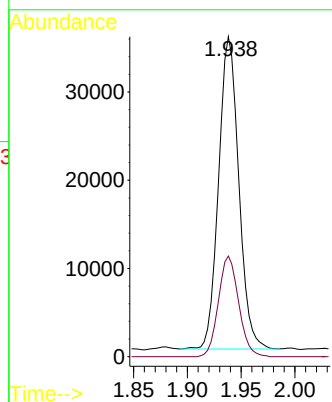
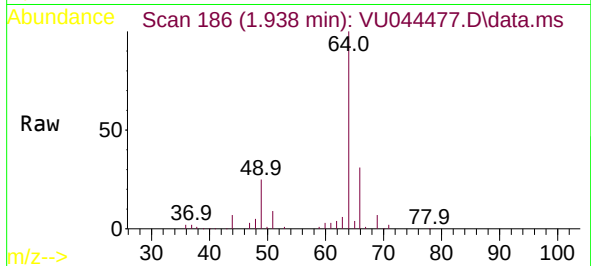




#8
Chloroethane
Concen: 5.137 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

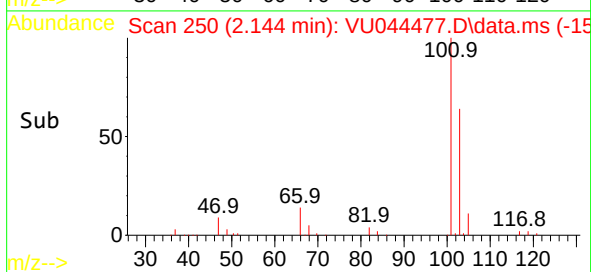
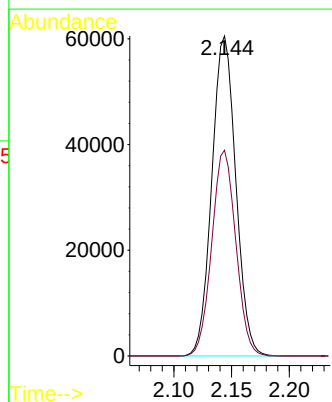
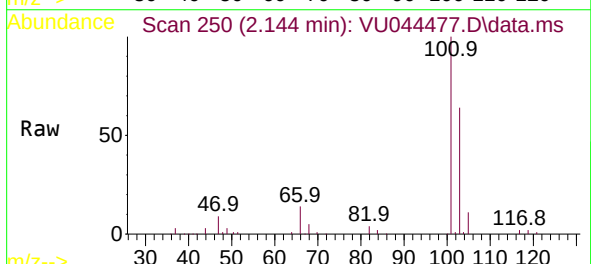
Instrument :
MSVOA_U
ClientSampled :

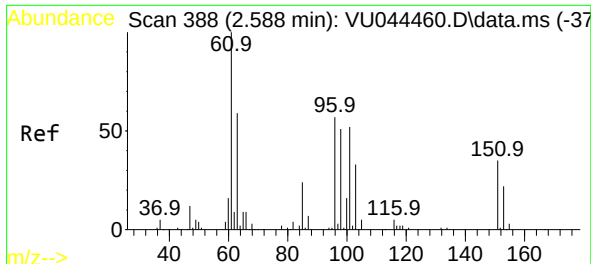
Tgt Ion: 64 Resp: 46131
Ion Ratio Lower Upper
64 100
66 31.4 21.3 39.5



#9
Trichlorofluoromethane
Concen: 5.203 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 101 Resp: 87402
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

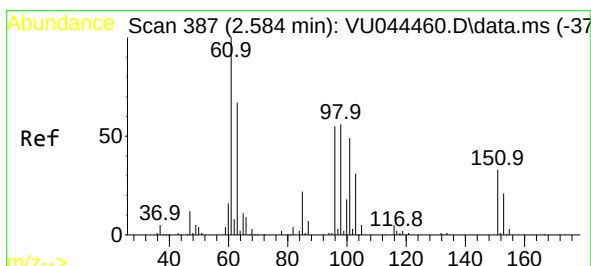
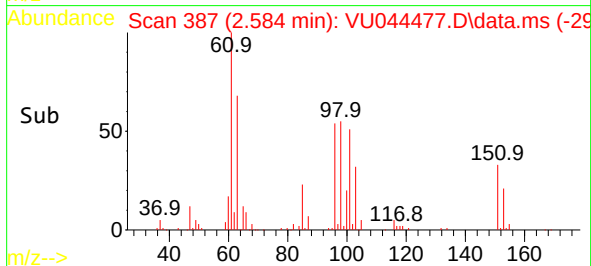
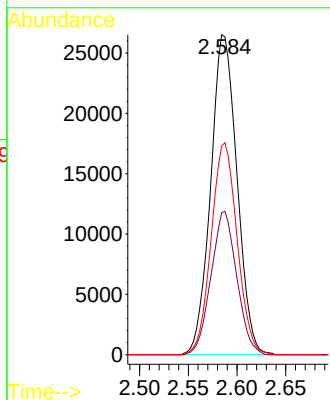
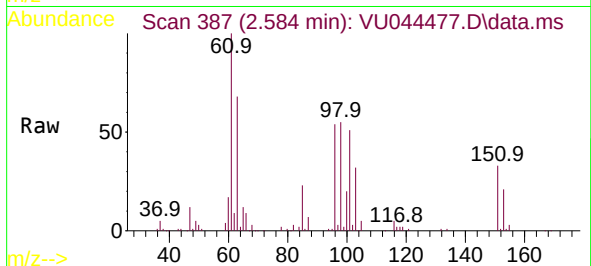




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.392 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

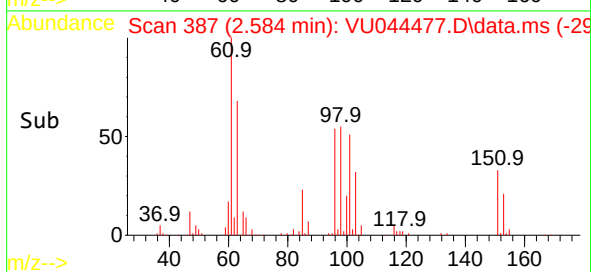
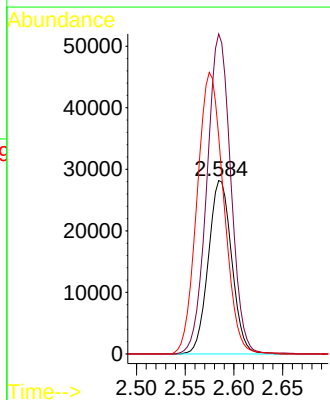
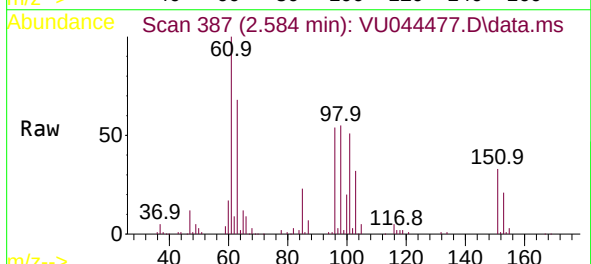
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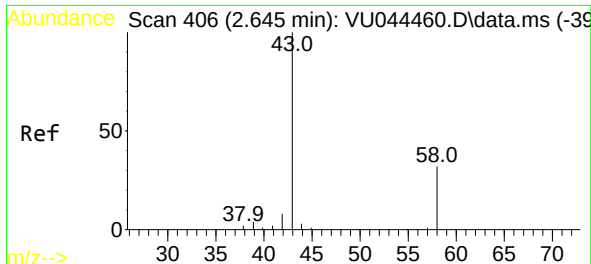
Tgt Ion:101 Resp: 49835
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 65.3 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.179 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 96 Resp: 46950
Ion Ratio Lower Upper
96 100
61 184.4 126.1 234.3
63 125.6 84.8 157.6

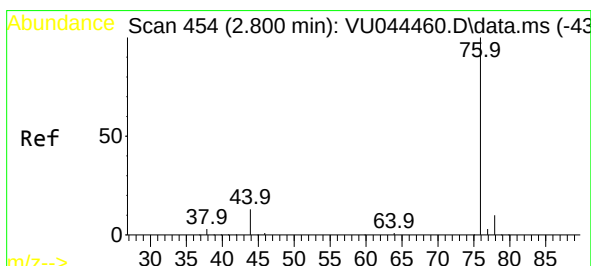
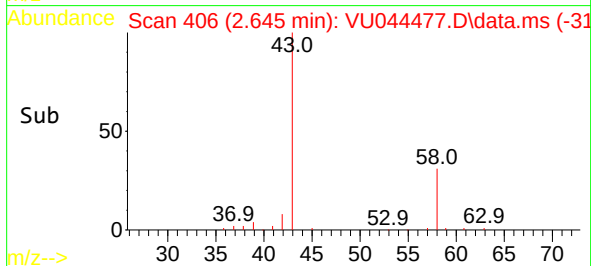
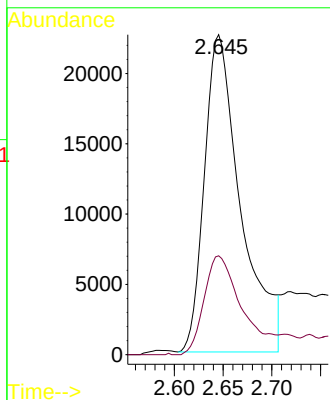
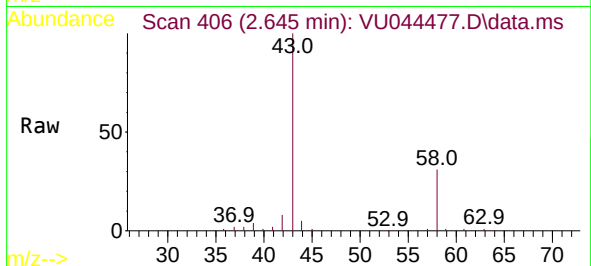




#13
Acetone
Concen: 26.740 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

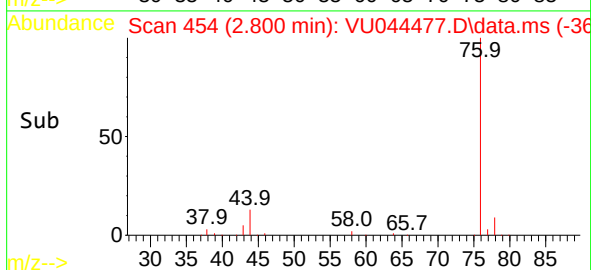
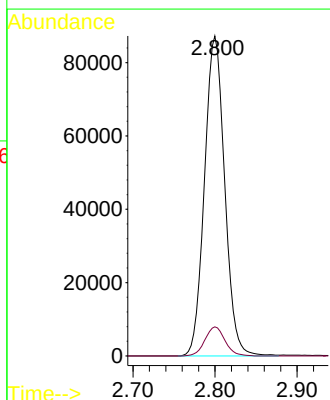
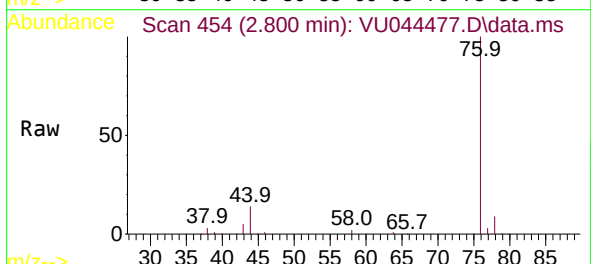
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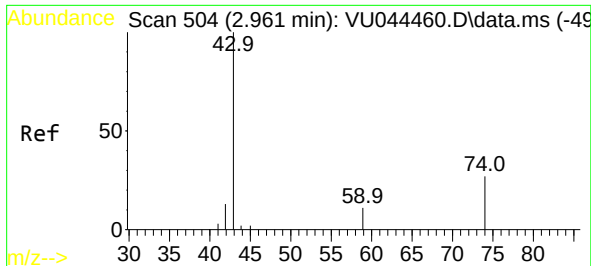
Tgt Ion: 43 Resp: 58581
Ion Ratio Lower Upper
43 100
58 32.9 0.0 45.4



#14
Carbon disulfide
Concen: 5.093 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 149756
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

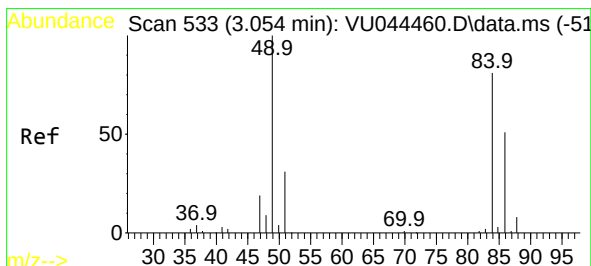
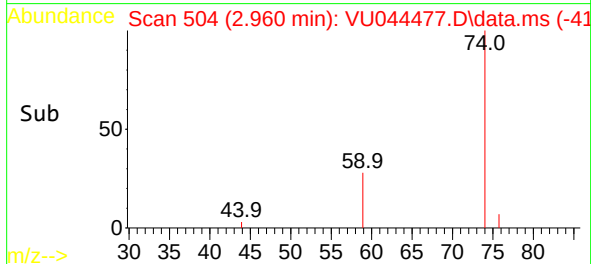
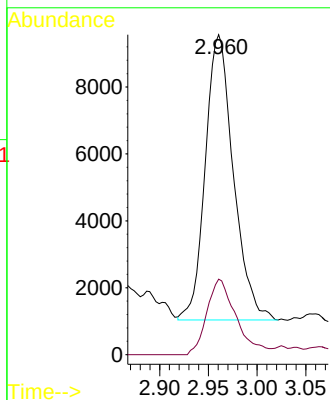
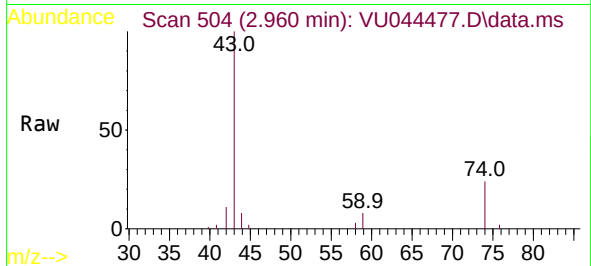




#15
Methyl Acetate
Concen: 4.788 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

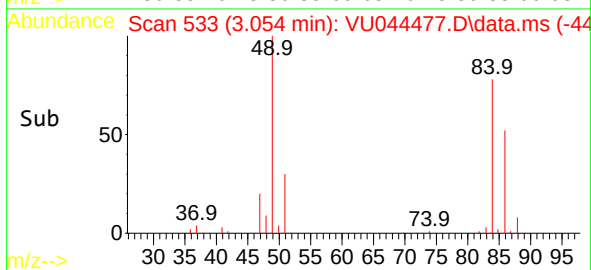
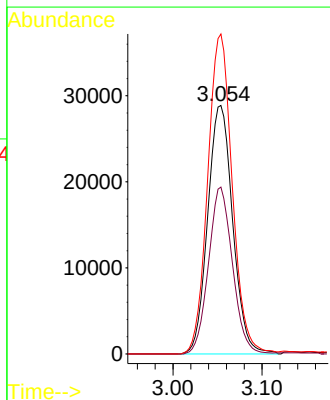
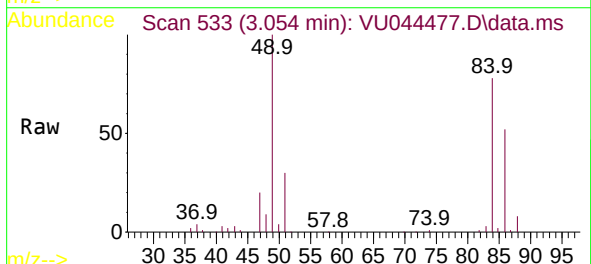
Instrument :
MSVOA_U
ClientSampleId :

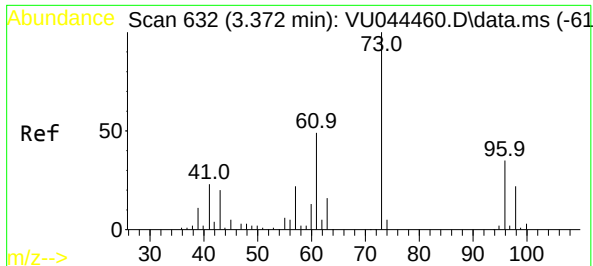
Tgt Ion: 43 Resp: 17133
Ion Ratio Lower Upper
43 100
74 27.7 19.0 28.4



#16
Methylene chloride
Concen: 4.186 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 84 Resp: 56372
Ion Ratio Lower Upper
84 100
86 67.1 45.2 84.0
49 128.8 88.8 165.0

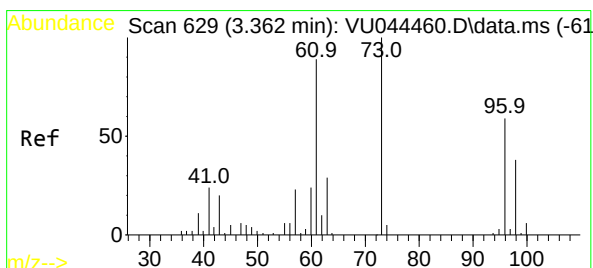
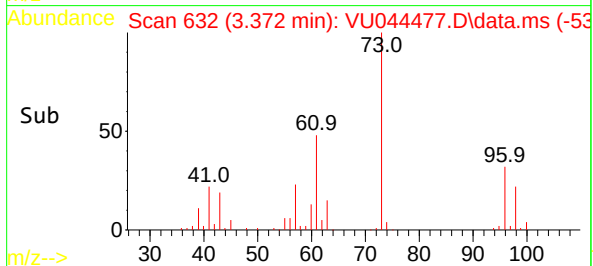
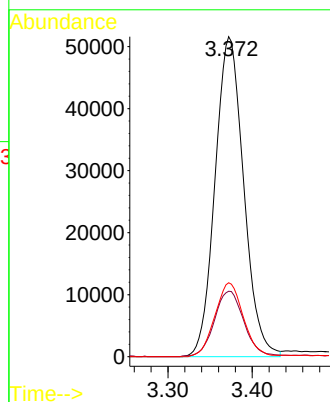
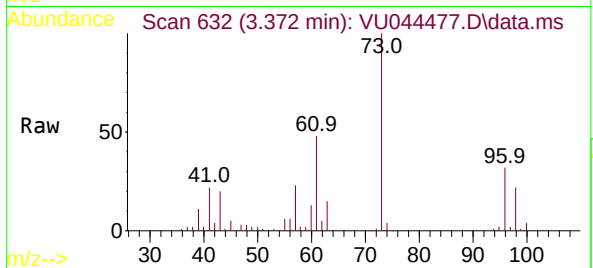




#17
Methyl tert-butyl Ether
Concen: 5.190 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

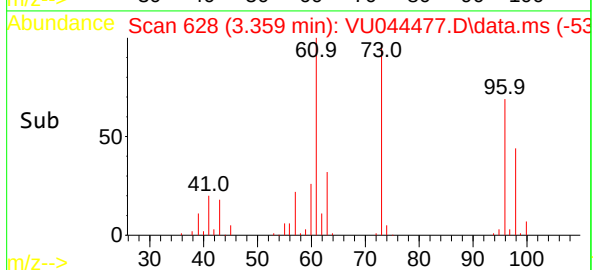
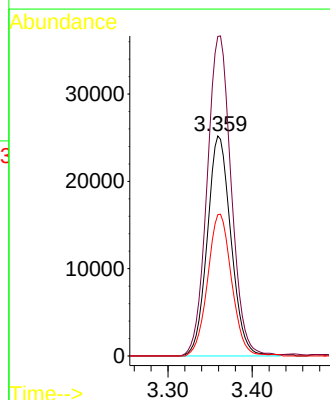
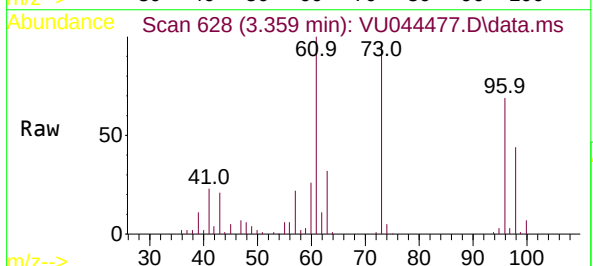
Instrument :
MSVOA_U
ClientSampled :

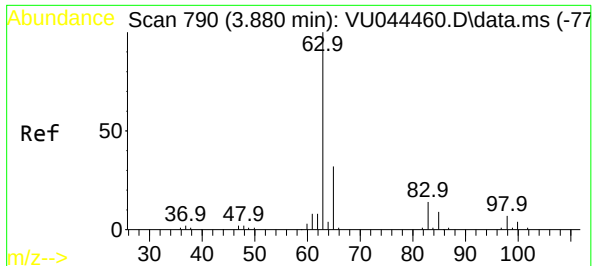
Tgt Ion: 73	Resp: 121665
Ion Ratio	Lower Upper
73 100	
43 21.4	16.2 24.4
57 23.0	17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.222 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 96	Resp: 49323
Ion Ratio	Lower Upper
96 100	
61 145.3	103.7 192.5
98 64.2	44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.184 ug/L

RT: 3.877 min Scan# 789

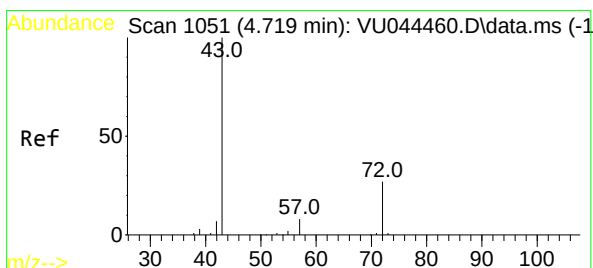
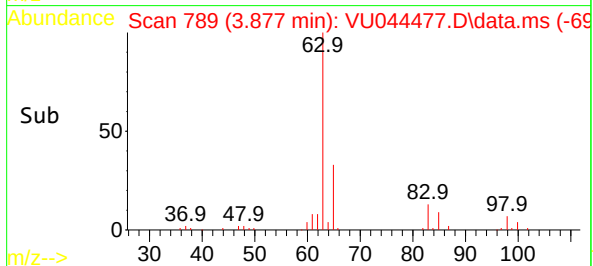
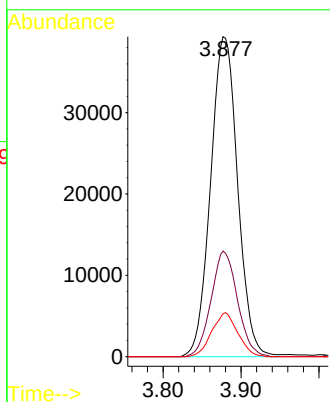
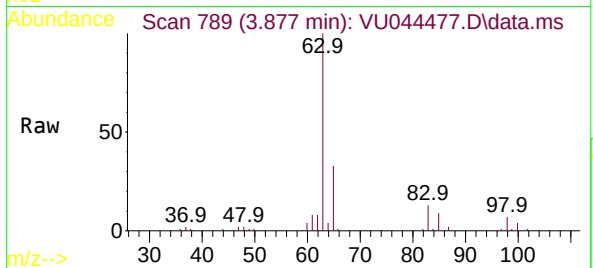
Delta R.T. -0.003 min

Lab File: VU044477.D

Acq: 20 Aug 2021 09:40

Tgt Ion: 63	Resp: 94914
Ion Ratio	Lower Upper
63 100	
65 33.7	23.4 43.6
83 13.4	9.0 16.6

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 37.635 ug/L

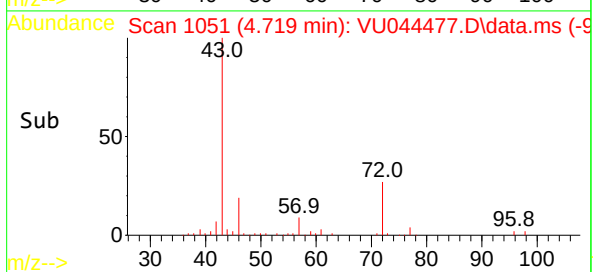
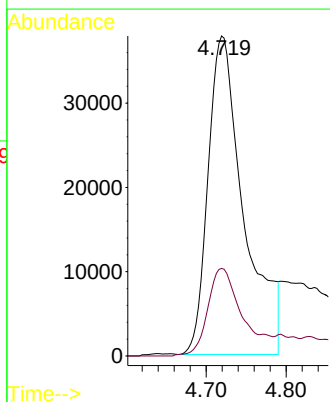
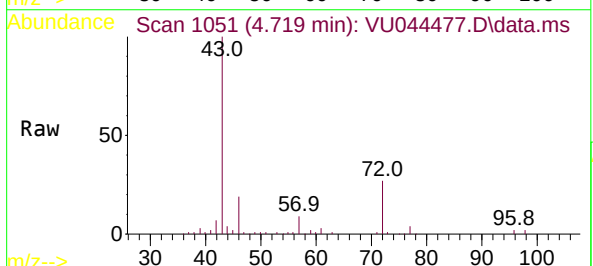
RT: 4.719 min Scan# 1051

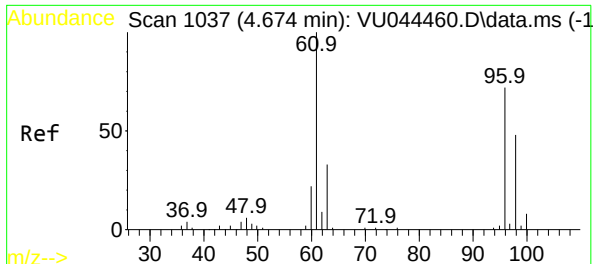
Delta R.T. 0.000 min

Lab File: VU044477.D

Acq: 20 Aug 2021 09:40

Tgt Ion: 43	Resp: 117496
Ion Ratio	Lower Upper
43 100	
72 24.9	14.1 42.4

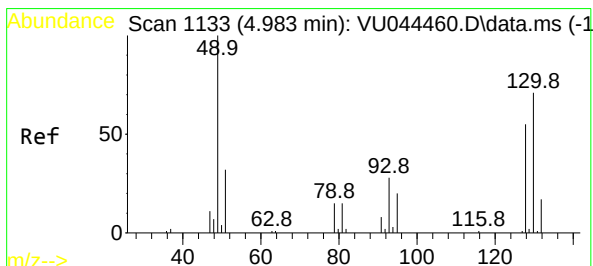
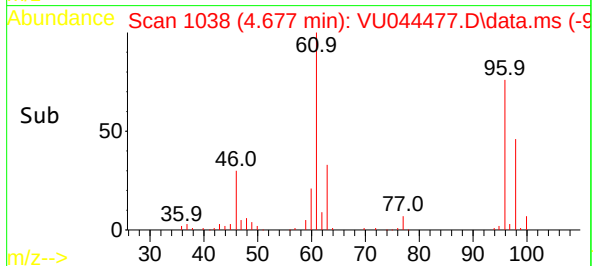
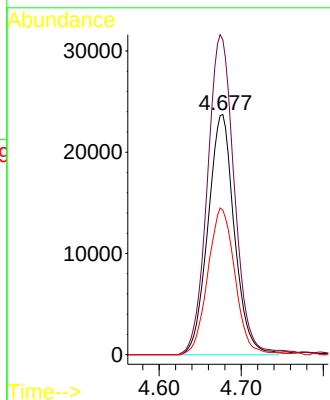
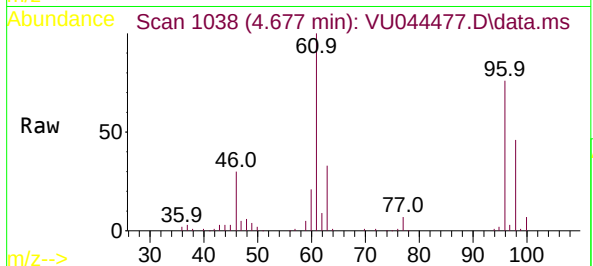




#22
cis-1,2-Dichloroethene
Concen: 5.260 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

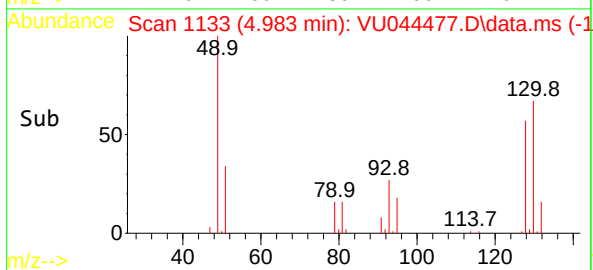
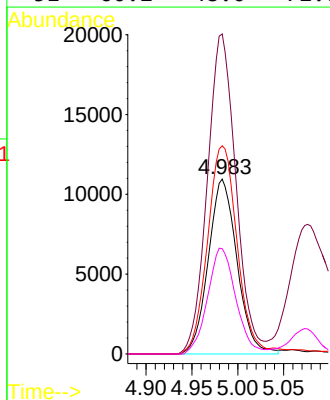
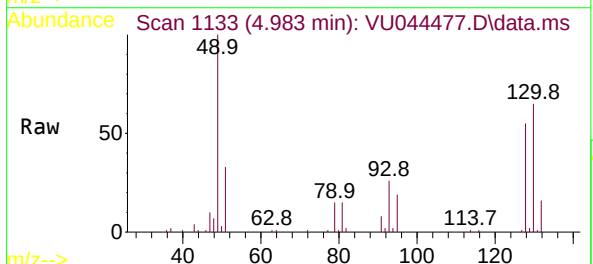
Instrument :
MSVOA_U
ClientSampled :

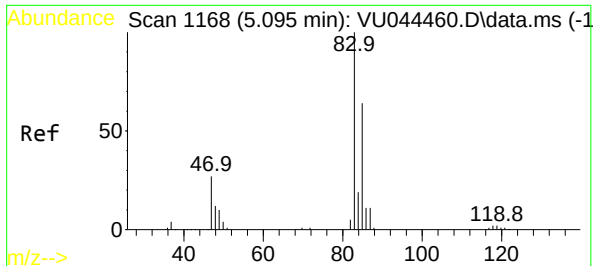
Tgt Ion: 96 Resp: 53116
Ion Ratio Lower Upper
96 100
61 131.1 93.9 174.5
98 60.2 44.7 83.1



#23
Bromochloromethane
Concen: 5.356 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:128 Resp: 23847
Ion Ratio Lower Upper
128 100
49 183.0 128.1 237.9
130 119.0 89.2 165.8
51 60.2 48.0 72.0



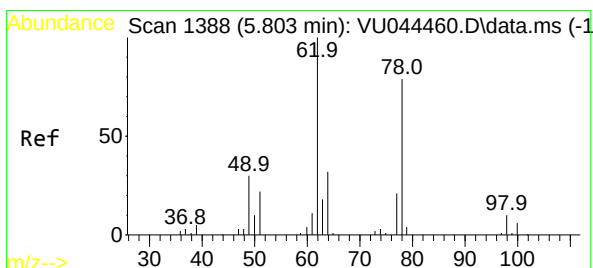
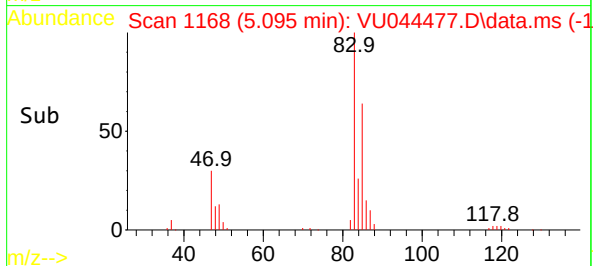
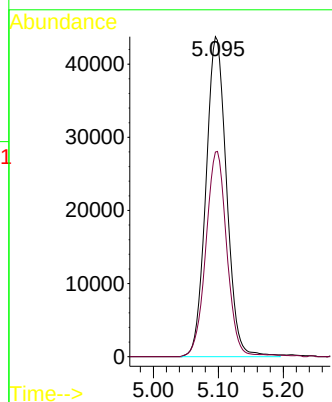
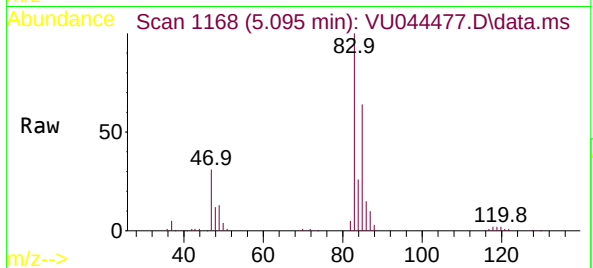


#25

Chloroform
Concen: 5.138 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Instrument :
MSVOA_U
ClientSampled :

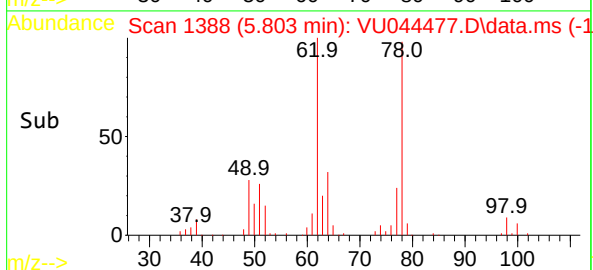
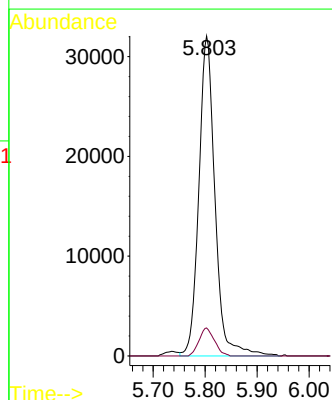
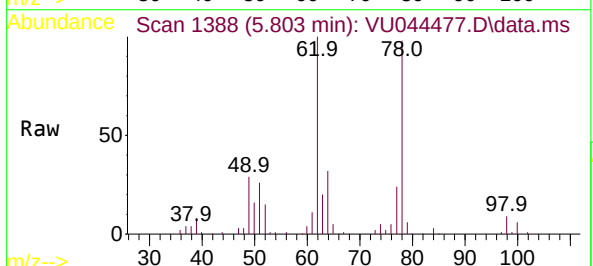
Tgt Ion: 83 Resp: 96530
Ion Ratio Lower Upper
83 100
85 63.9 45.3 84.1

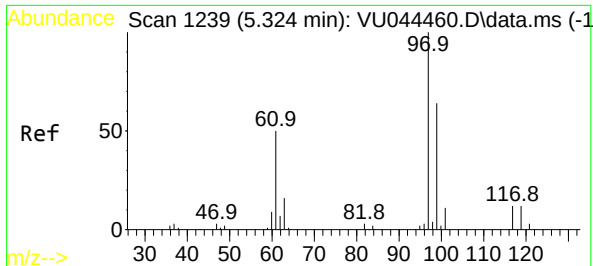


#27

1,2-Dichloroethane
Concen: 5.524 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 62 Resp: 69214
Ion Ratio Lower Upper
62 100
98 8.7 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 5.314 ug/L

RT: 5.324 min Scan# 1239

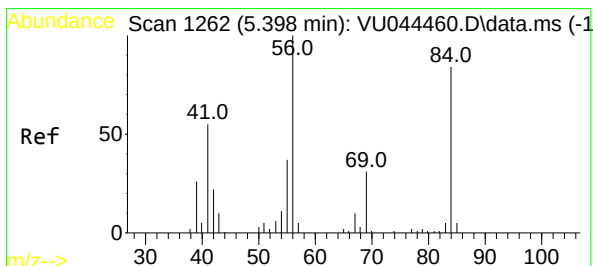
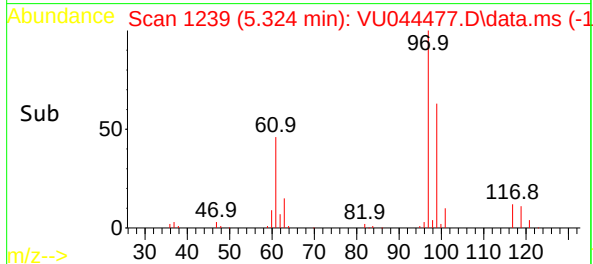
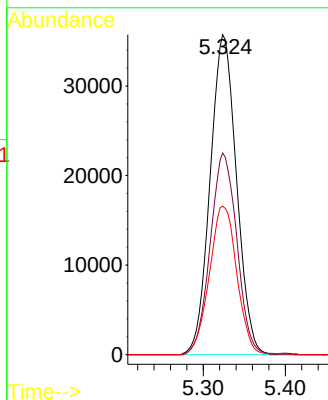
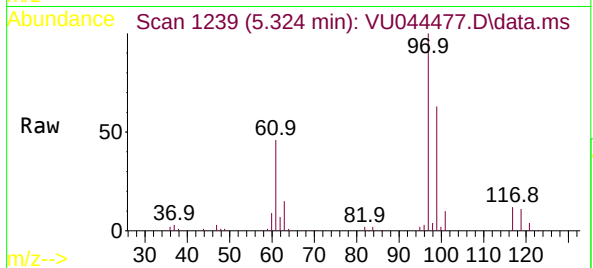
Delta R.T. -0.000 min

Lab File: VU044477.D

Acq: 20 Aug 2021 09:40

Tgt Ion:	97	Resp:	79966
Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.5	78.7
61	48.3	39.2	58.8

Instrument :
MSVOA_U
ClientSampleId :



#30

Cyclohexane

Concen: 5.178 ug/L

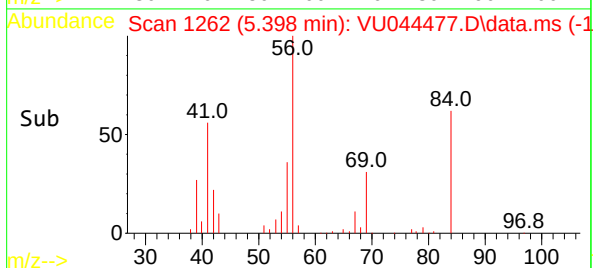
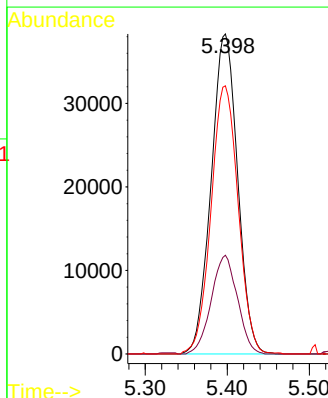
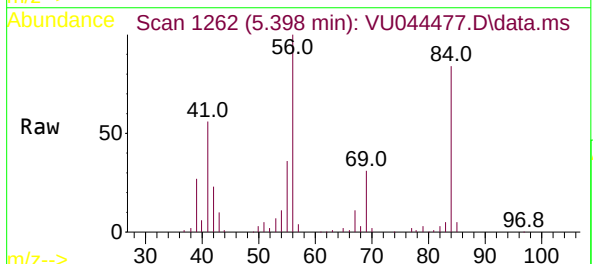
RT: 5.398 min Scan# 1262

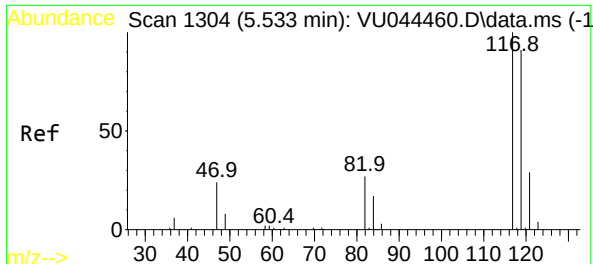
Delta R.T. -0.000 min

Lab File: VU044477.D

Acq: 20 Aug 2021 09:40

Tgt Ion:	56	Resp:	86145
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.3	36.5
84	85.6	68.4	102.6

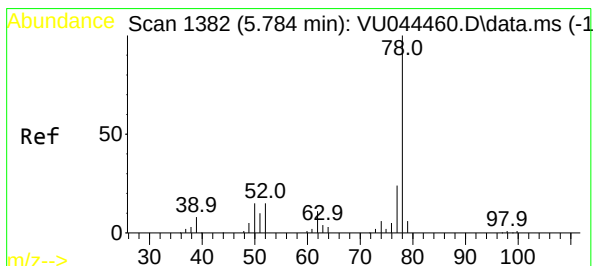
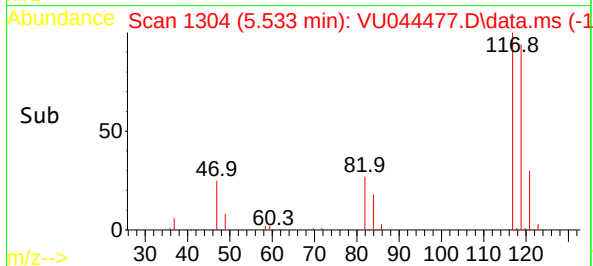
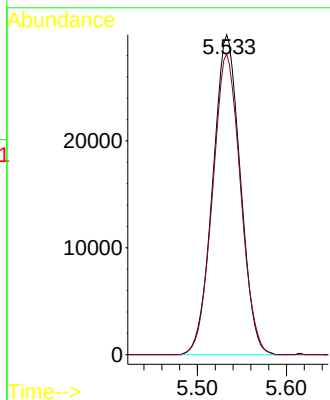
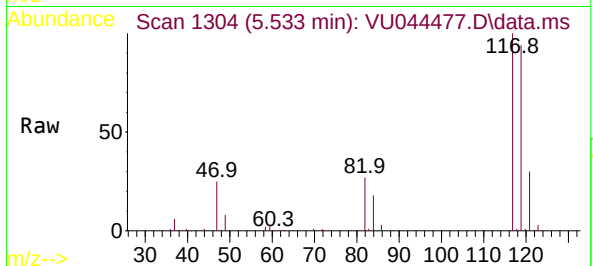




#31
Carbon tetrachloride
Concen: 5.197 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

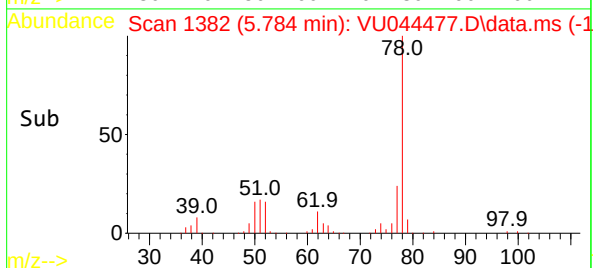
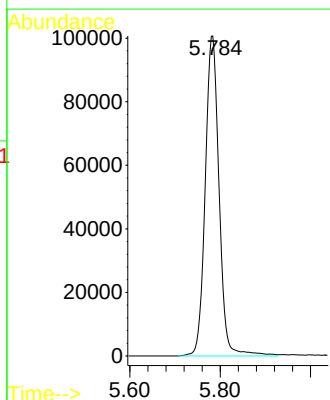
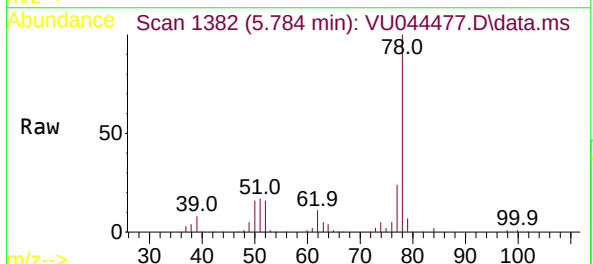
Instrument :
MSVOA_U
ClientSampled :

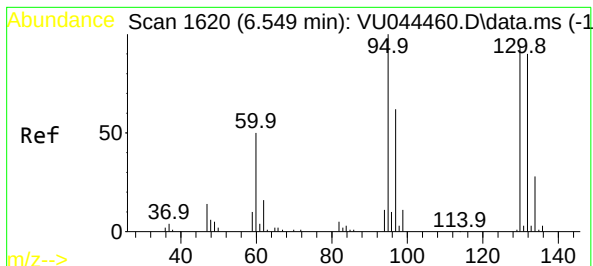
Tgt Ion:117 Resp: 64265
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8



#33
Benzene
Concen: 5.274 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 78 Resp: 215141

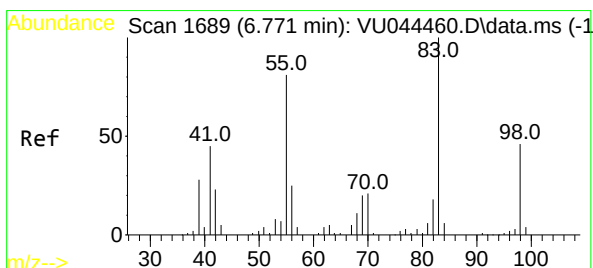
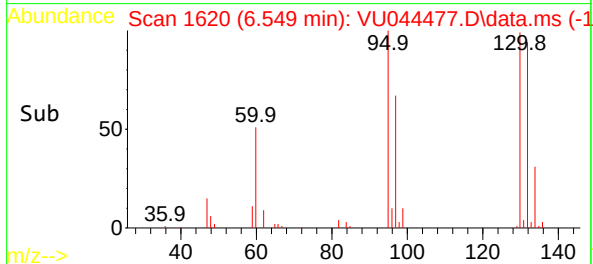
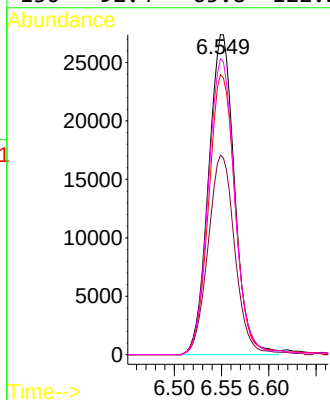
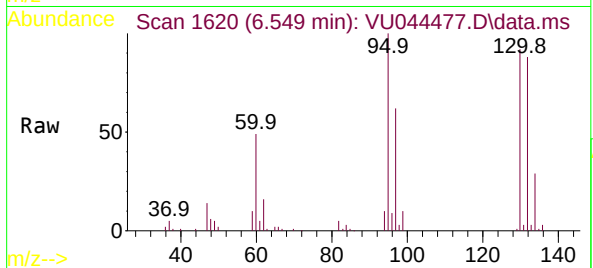




#34
Trichloroethene
Concen: 5.196 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

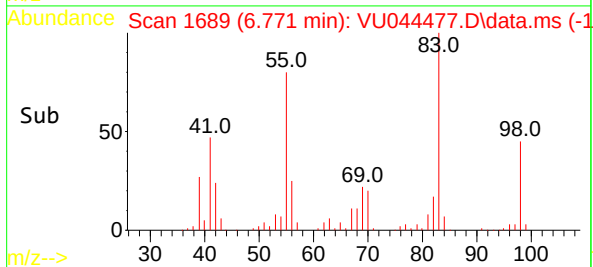
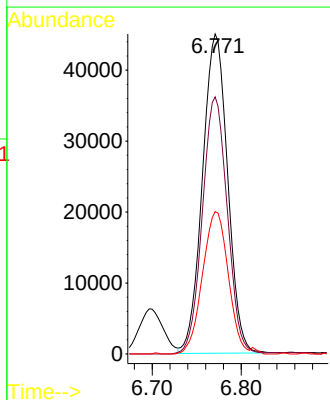
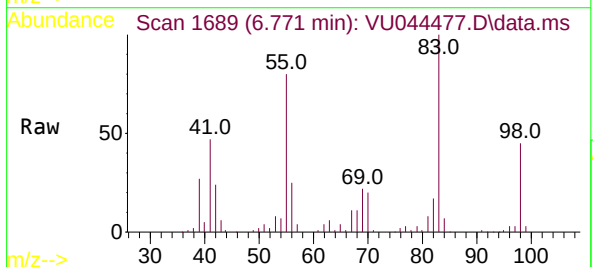
Instrument :
MSVOA_U
ClientSampleId :

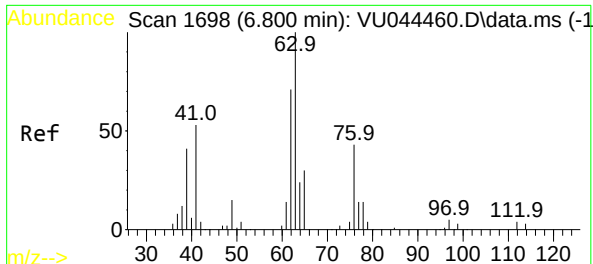
Tgt Ion: 95 Resp: 52398
Ion Ratio Lower Upper
95 100
97 62.3 45.6 84.8
132 87.5 63.4 117.8
130 92.4 65.8 122.2



#35
Methylcyclohexane
Concen: 5.250 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 83 Resp: 88308
Ion Ratio Lower Upper
83 100
55 79.8 64.8 97.2
98 45.5 37.5 56.3



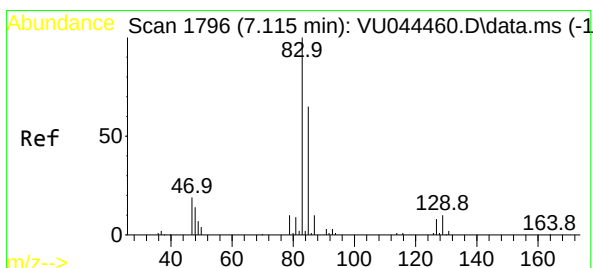
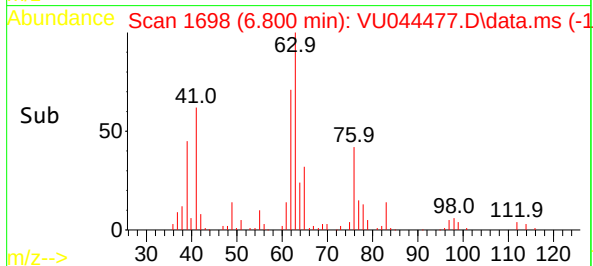
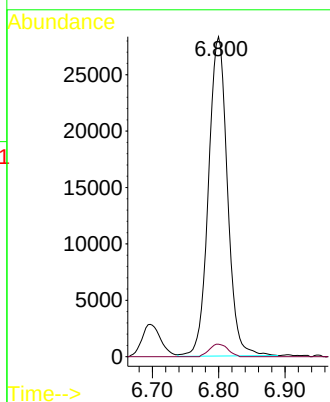
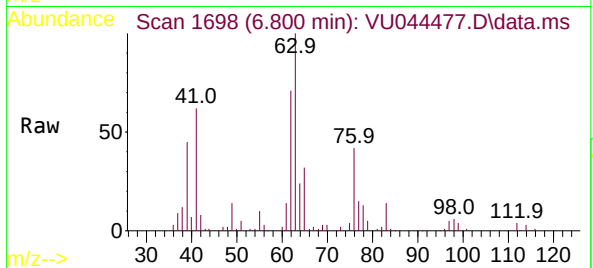


#37

1,2-Dichloropropane
Concen: 5.271 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Instrument :
MSVOA_U
ClientSampleId :

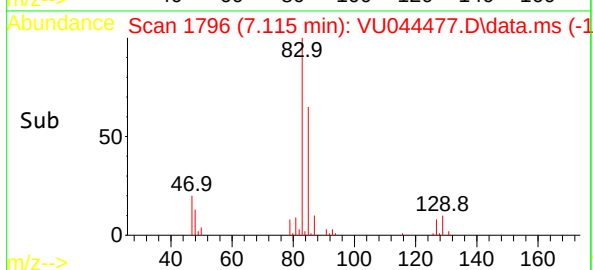
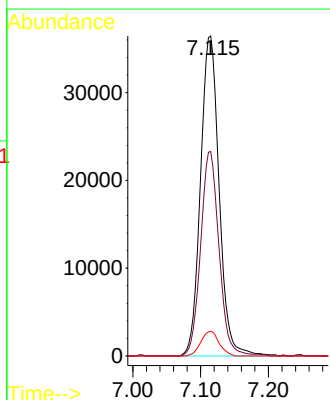
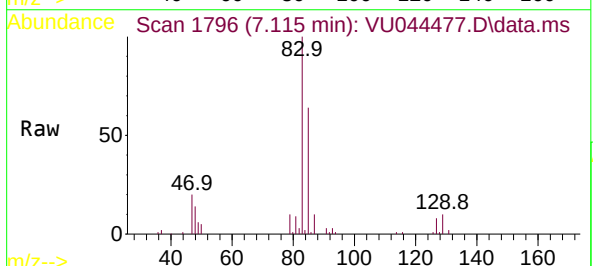
Tgt Ion: 63 Resp: 56308
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9

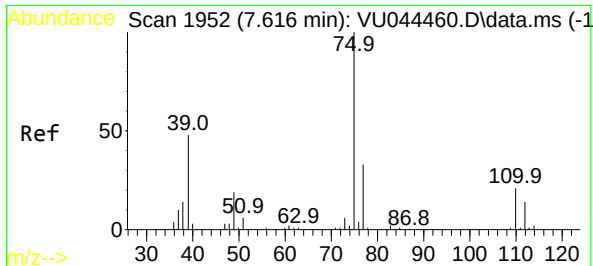


#38

Bromodichloromethane
Concen: 5.310 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 83 Resp: 69645
Ion Ratio Lower Upper
83 100
85 63.9 44.6 82.8
127 7.7 5.9 8.9

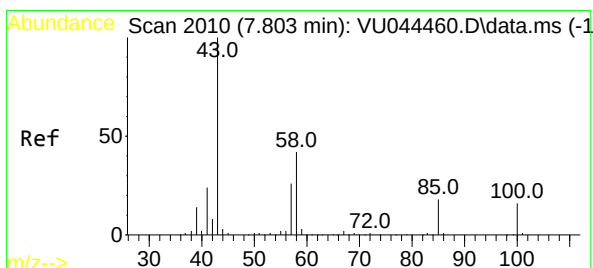
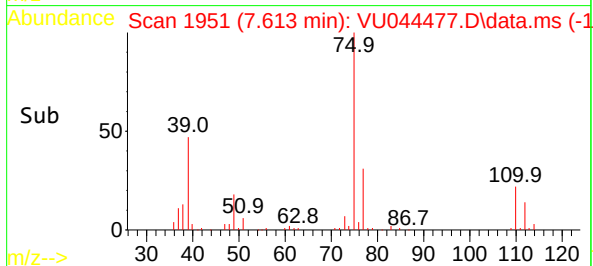
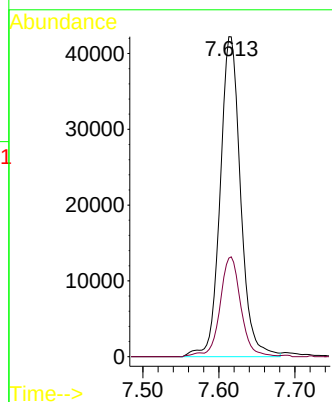
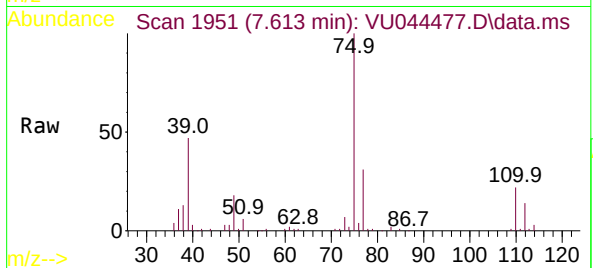




#39
cis-1,3-Dichloropropene
Concen: 5.267 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

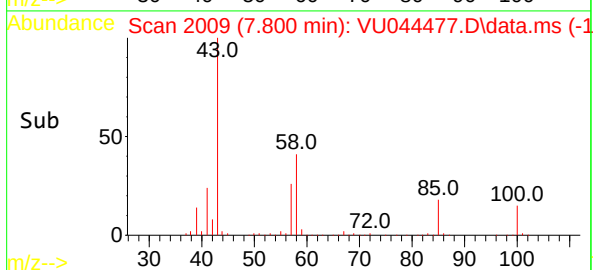
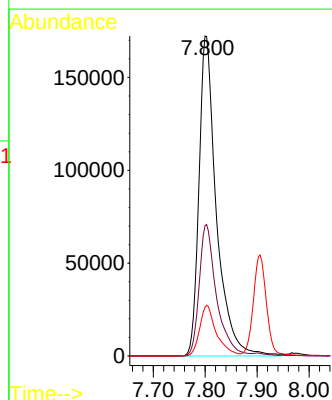
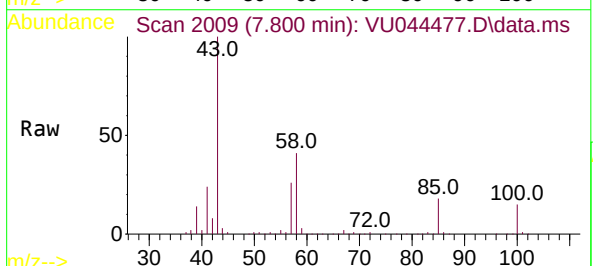
Instrument :
MSVOA_U
ClientSampled :

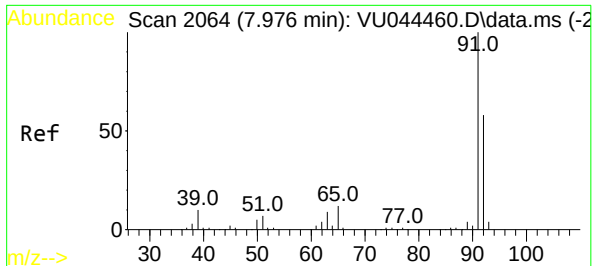
Tgt Ion: 75 Resp: 78895
Ion Ratio Lower Upper
75 100
77 30.8 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 55.341 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 43 Resp: 401376
Ion Ratio Lower Upper
43 100
58 40.7 32.5 48.7
100 15.2 12.3 18.5

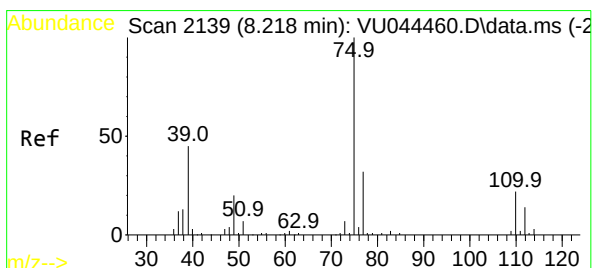
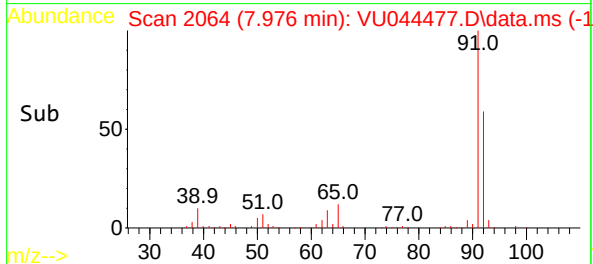
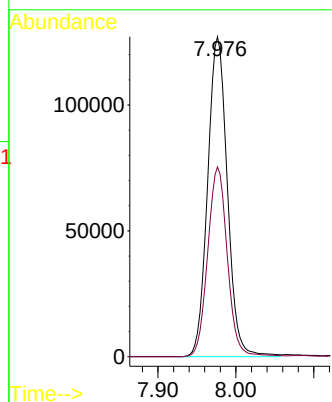
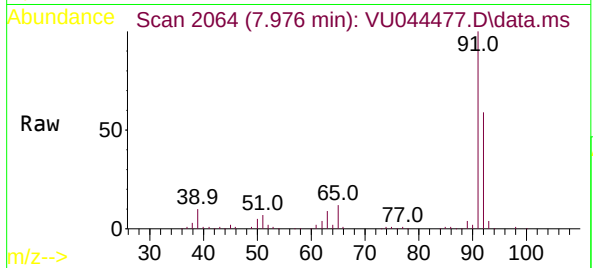




#42
Toluene
Concen: 5.259 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

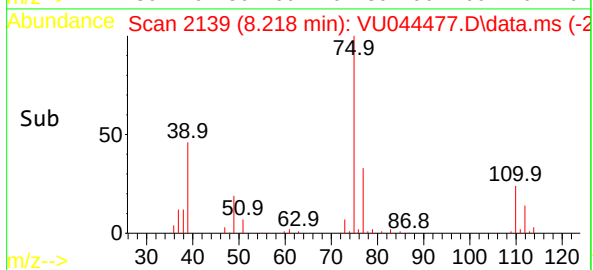
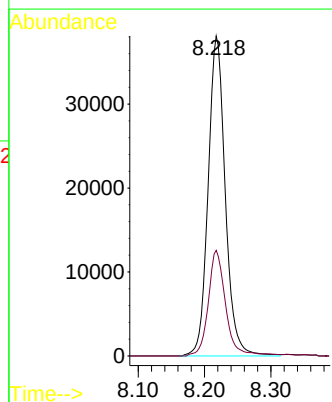
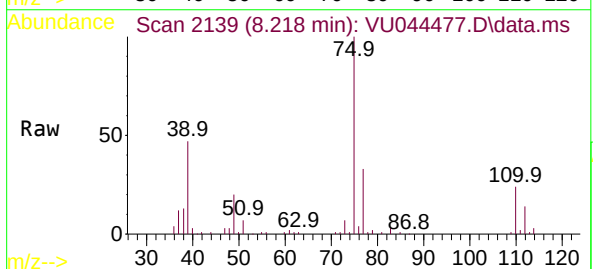
Instrument :
MSVOA_U
ClientSampled :

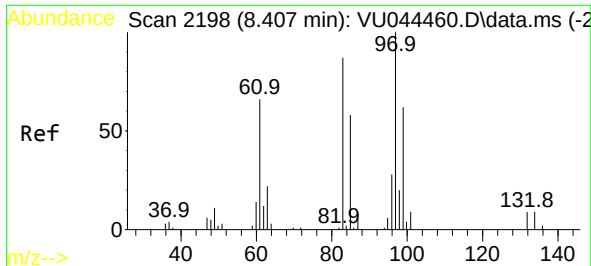
Tgt Ion: 91 Resp: 223453
Ion Ratio Lower Upper
91 100
92 59.3 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.394 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 75 Resp: 68483
Ion Ratio Lower Upper
75 100
77 33.0 21.6 40.2



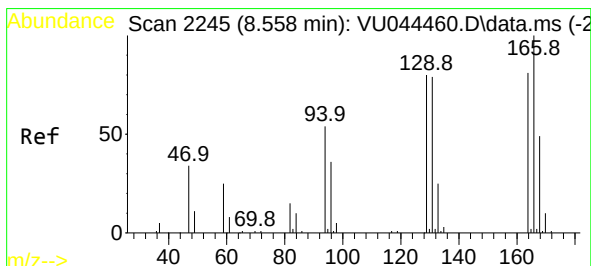
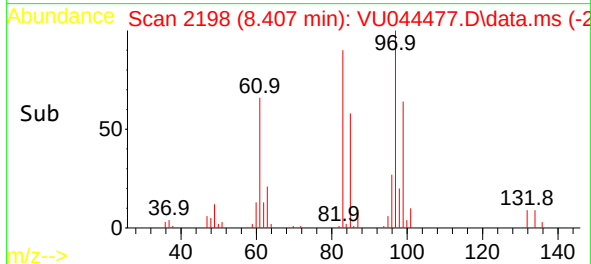
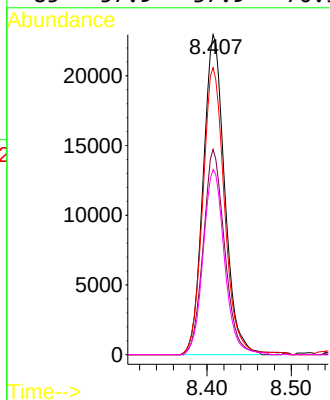
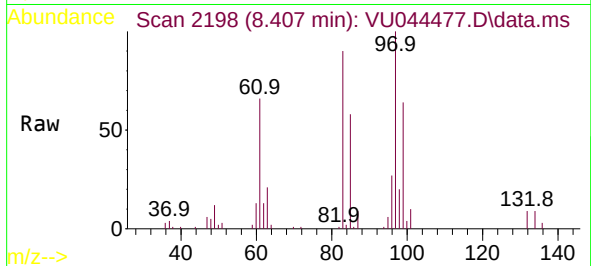


#45
1,1,2-Trichloroethane
Concen: 5.374 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 40934

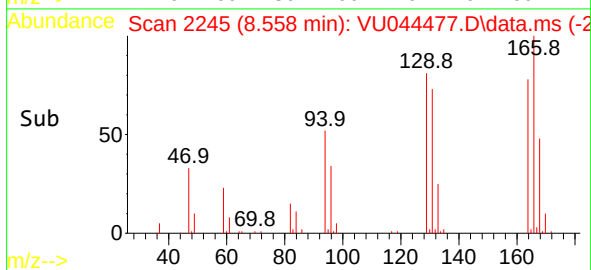
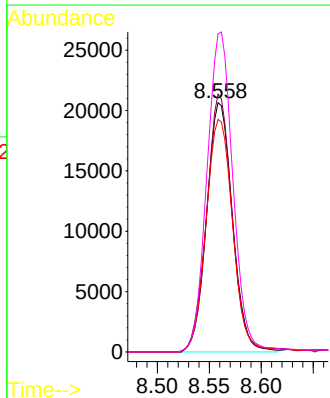
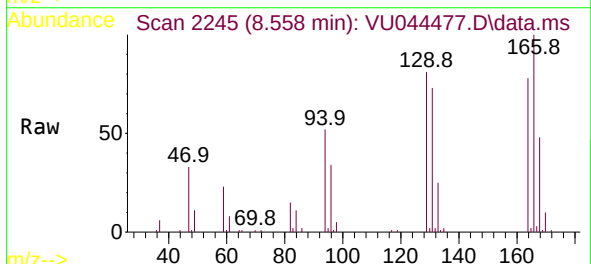
Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.3	76.7
83	89.7	58.6	108.8
85	57.9	37.9	70.5

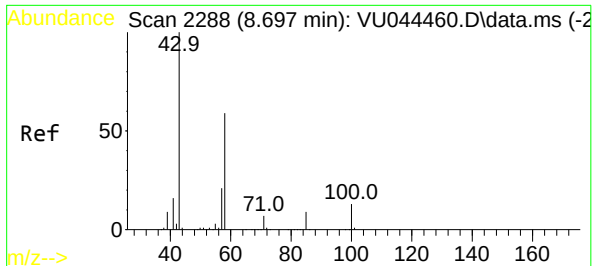


#47
Tetrachloroethene
Concen: 5.100 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 164 Resp: 35567

Ion	Ratio	Lower	Upper
164	100		
129	103.4	71.0	131.8
131	93.2	68.0	126.4
166	127.6	89.0	165.4



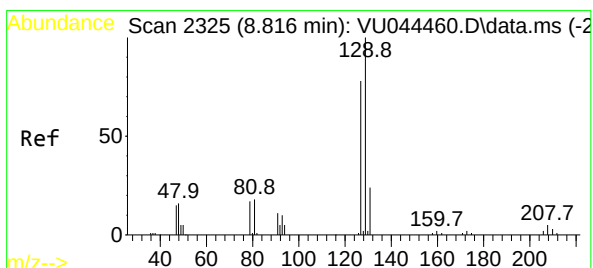
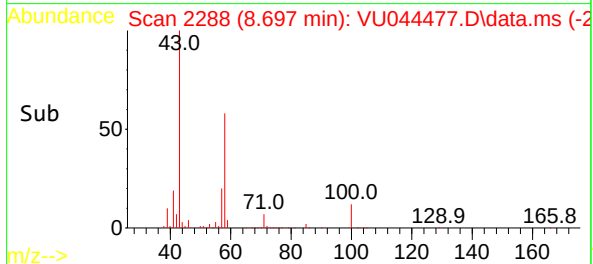
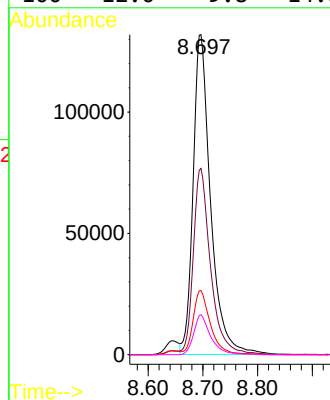
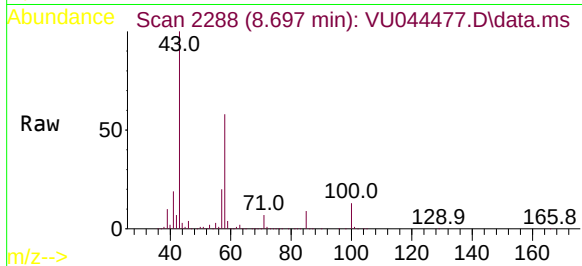


#48
2-Hexanone
Concen: 56.630 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 293067

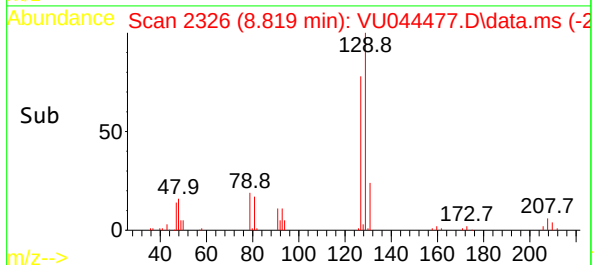
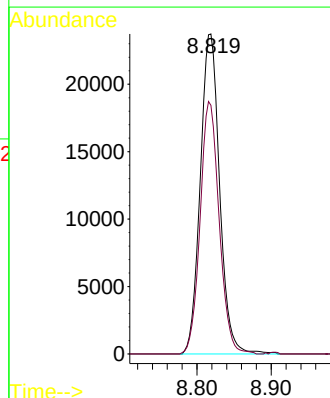
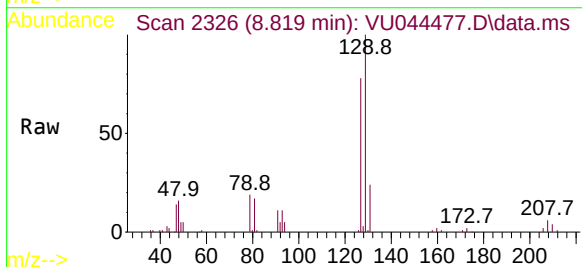
Ion	Ratio	Lower	Upper
43	100		
58	57.3	46.5	69.7
57	19.9	15.8	23.8
100	12.0	9.8	14.8

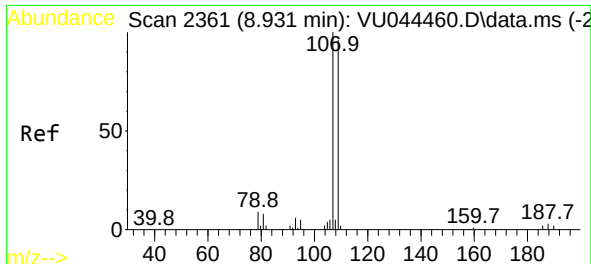


#49
Dibromochloromethane
Concen: 5.335 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 129 Resp: 43008

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.410 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044477.D

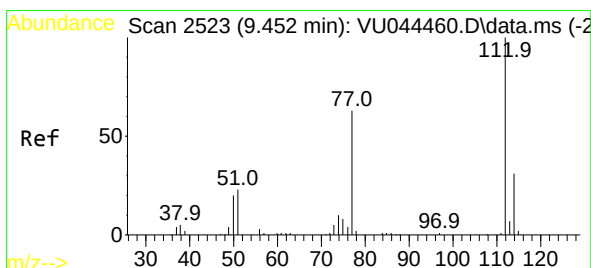
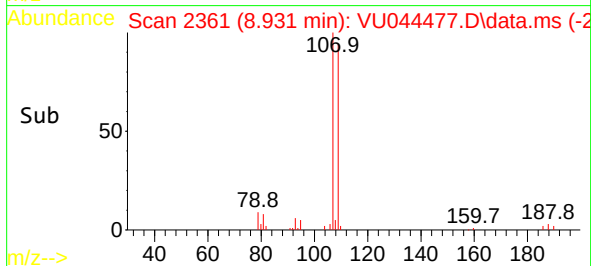
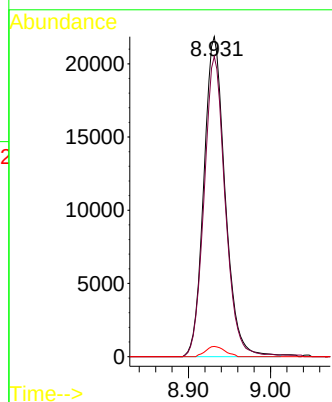
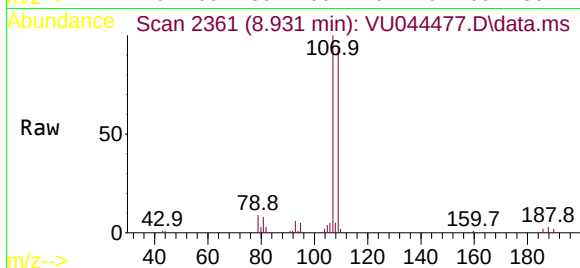
Acq: 20 Aug 2021 09:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	39420
Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.2	121.0
188	3.2	2.4	3.6



#51

Chlorobenzene

Concen: 5.203 ug/L

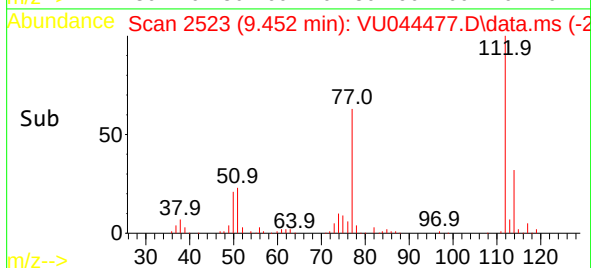
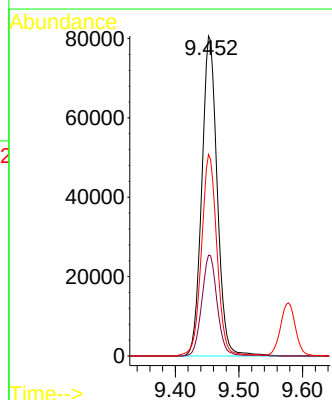
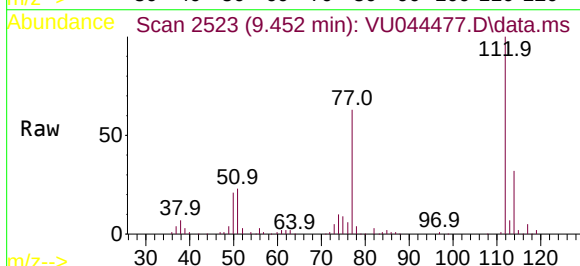
RT: 9.452 min Scan# 2523

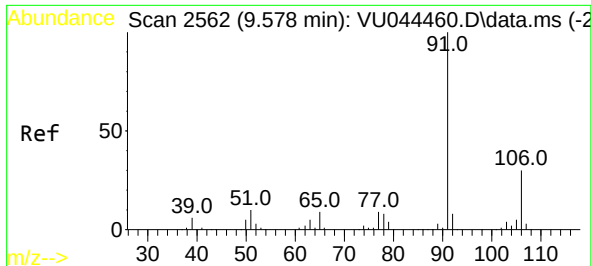
Delta R.T. -0.000 min

Lab File: VU044477.D

Acq: 20 Aug 2021 09:40

Tgt Ion:	112	Resp:	135676
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.7	42.1
77	63.0	51.3	76.9

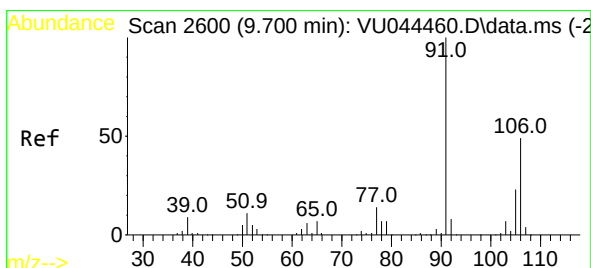
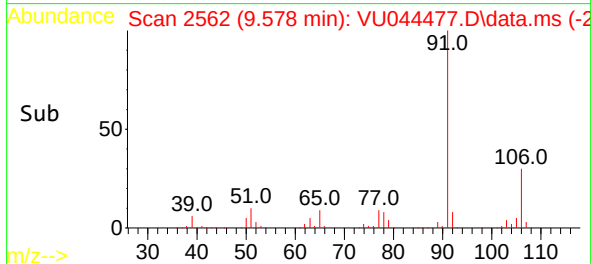
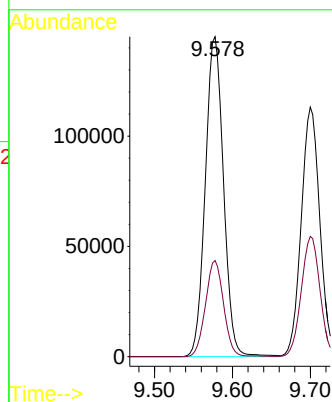
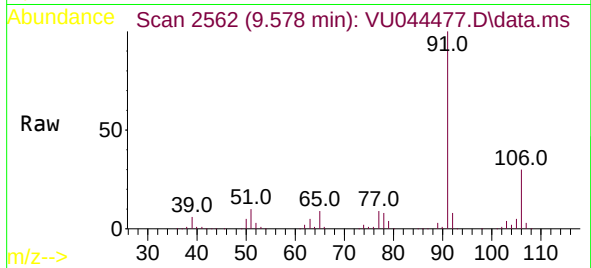




#52
Ethylbenzene
Concen: 5.246 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

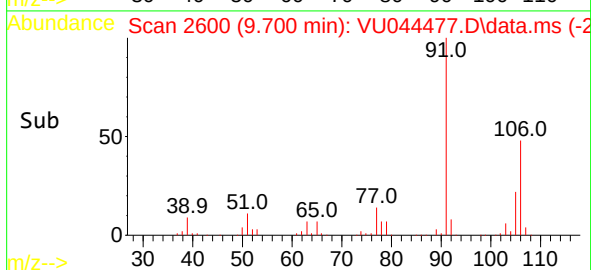
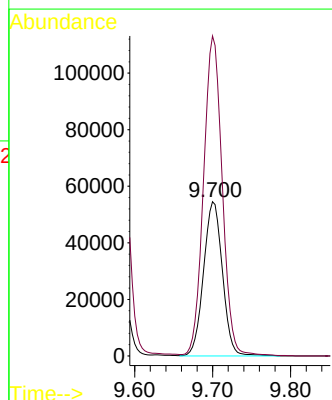
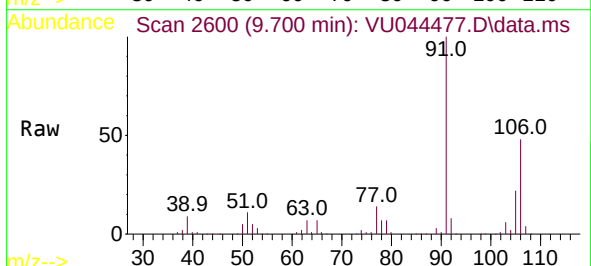
Instrument :
MSVOA_U
ClientSampled :

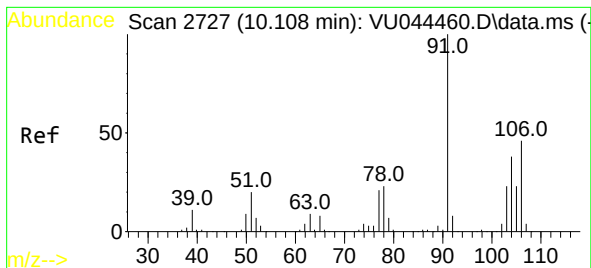
Tgt Ion: 91 Resp: 235494
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.6



#53
m,p-Xylene
Concen: 5.436 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 106 Resp: 91729
Ion Ratio Lower Upper
106 100
91 207.5 146.2 271.6

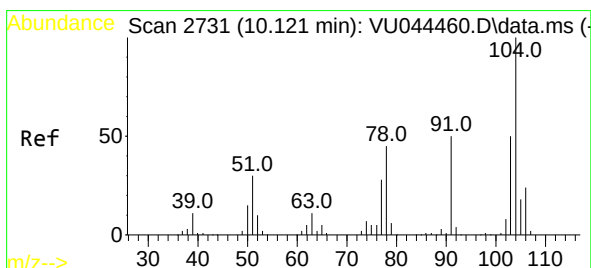
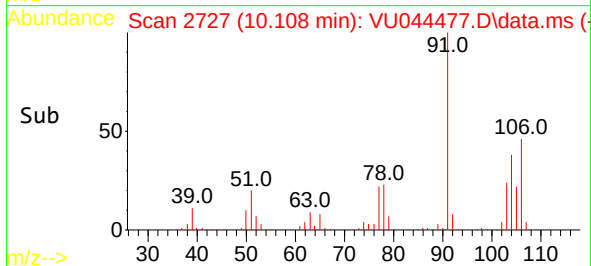
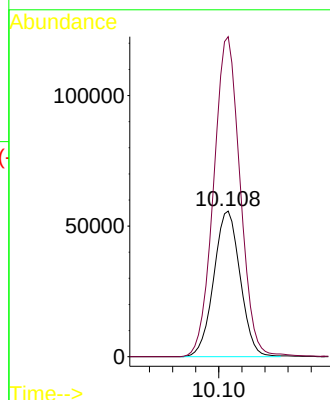
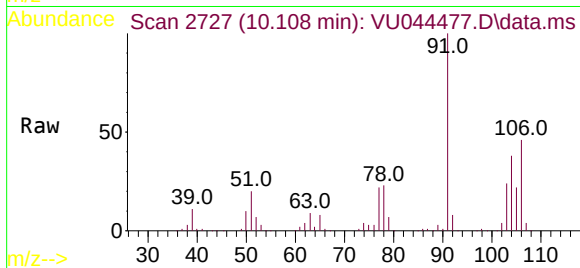




#54
o-Xylene
Concen: 5.384 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

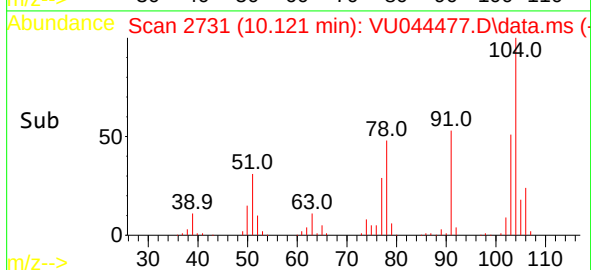
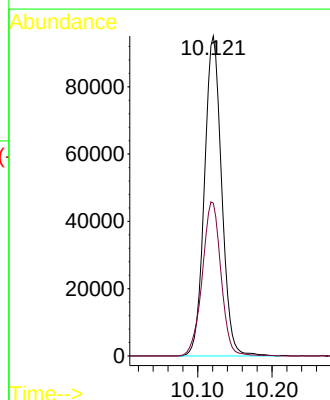
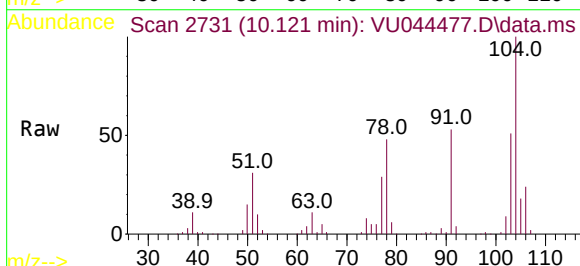
Instrument :
MSVOA_U
ClientSampled :

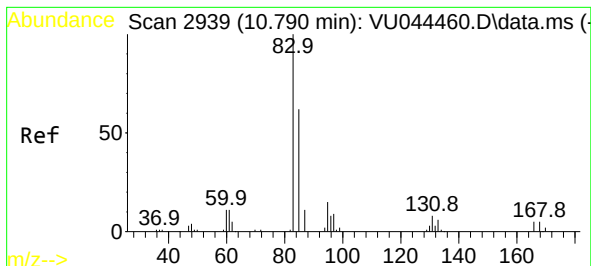
Tgt Ion:106 Resp: 88509
Ion Ratio Lower Upper
106 100
91 219.7 154.4 286.8



#55
Styrene
Concen: 5.678 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:104 Resp: 153017
Ion Ratio Lower Upper
104 100
78 47.7 32.6 60.5

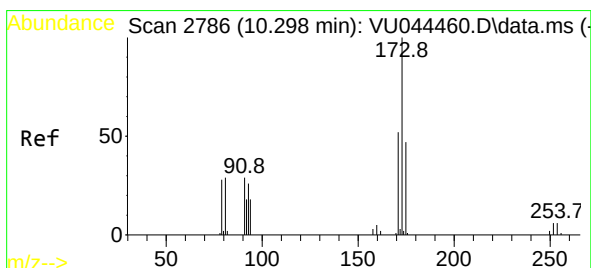
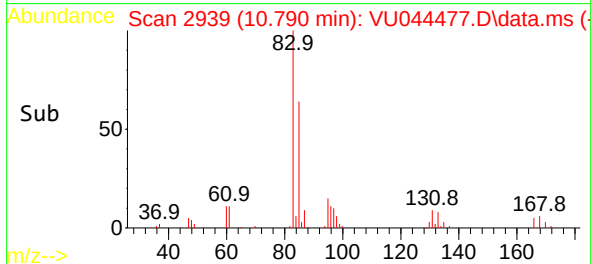
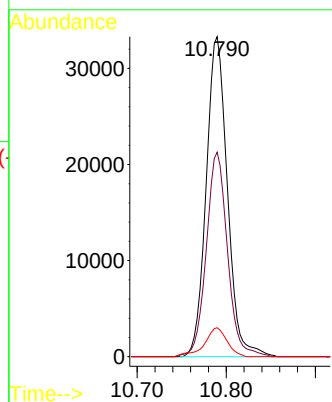
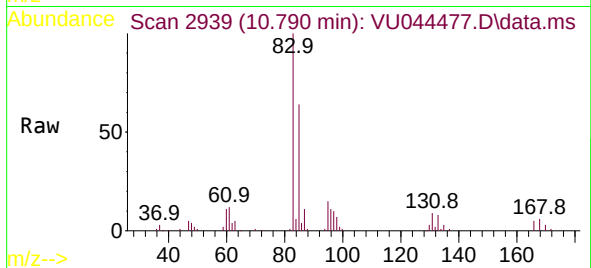




#57
1,1,2,2-Tetrachloroethane
Concen: 5.490 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

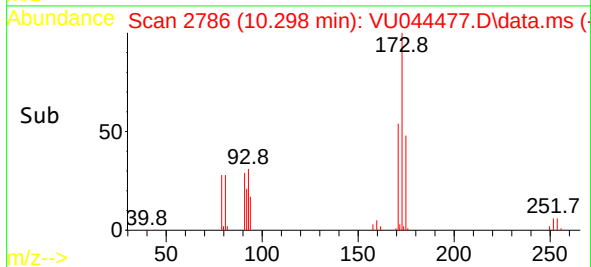
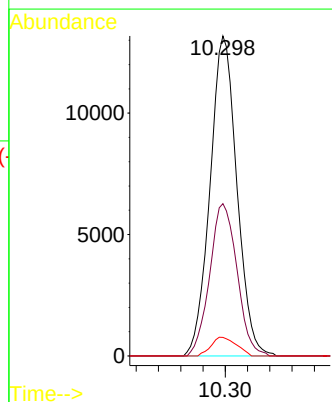
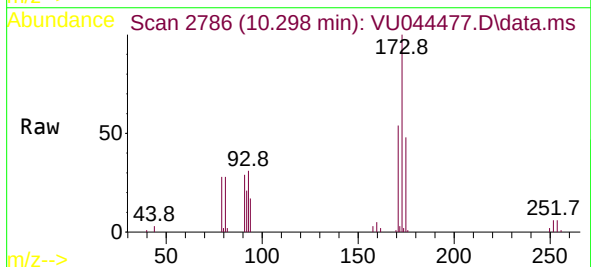
Instrument :
MSVOA_U
ClientSampleId :

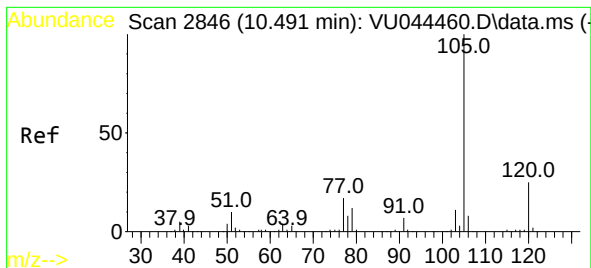
Tgt Ion: 83 Resp: 55066
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2
131 9.1 6.9 10.3



#59
Bromoform
Concen: 5.125 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:173 Resp: 22049
Ion Ratio Lower Upper
173 100
175 48.3 38.0 57.0
254 5.5 4.3 6.5

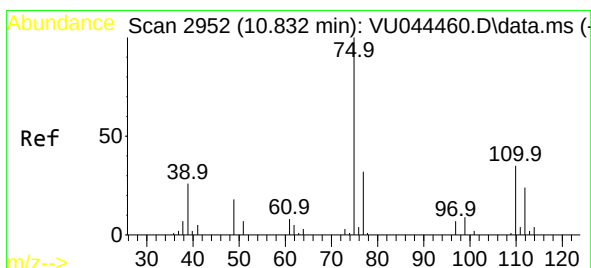
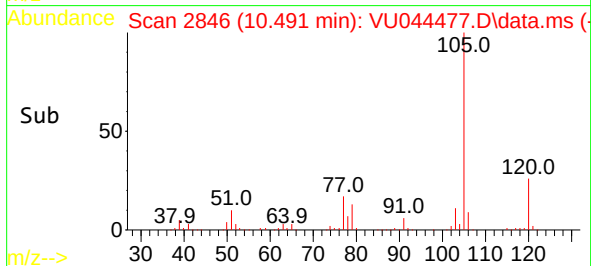
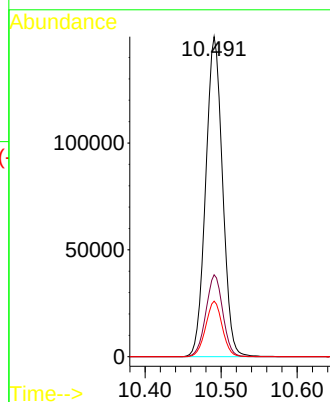
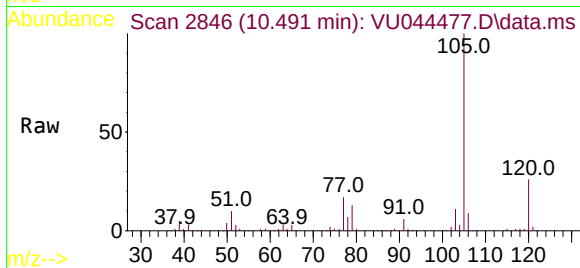




#60
Isopropylbenzene
Concen: 5.191 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

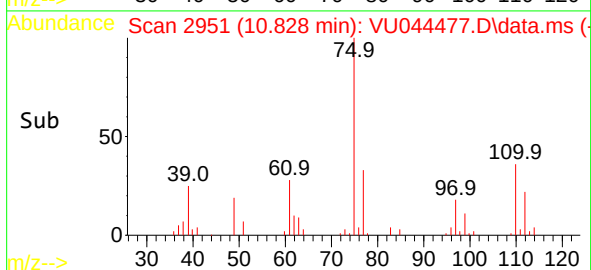
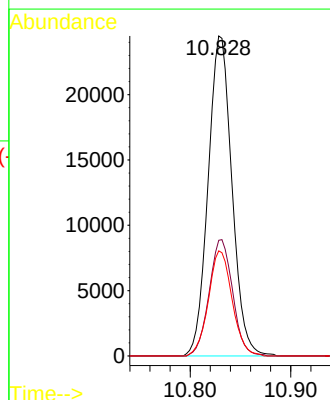
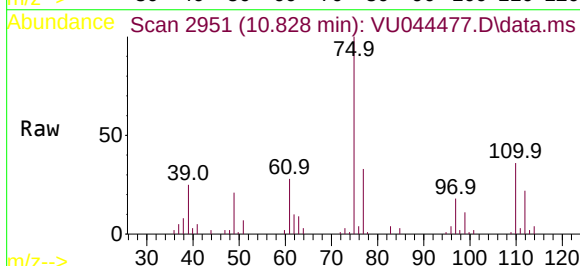
Instrument :
MSVOA_U
ClientSampled :

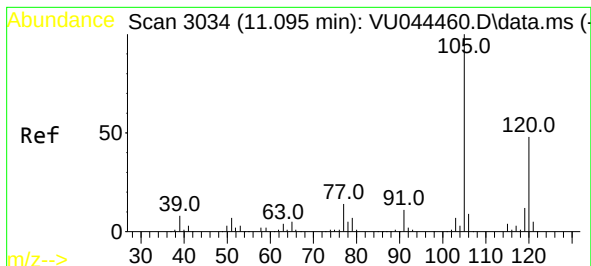
Tgt Ion:105 Resp: 230674
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.294 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 75 Resp: 40284
Ion Ratio Lower Upper
75 100
110 35.9 28.4 42.6
77 32.7 26.5 39.7

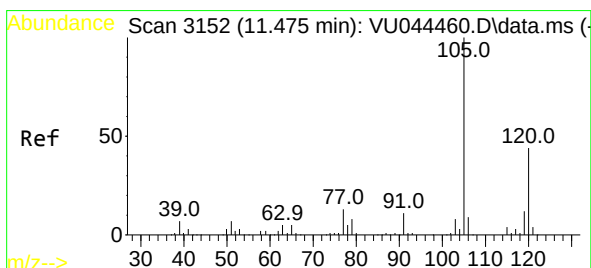
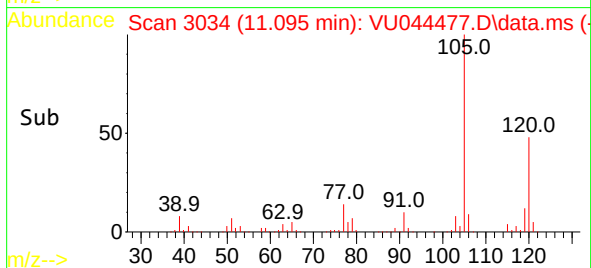
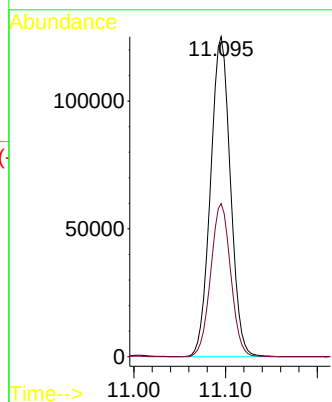
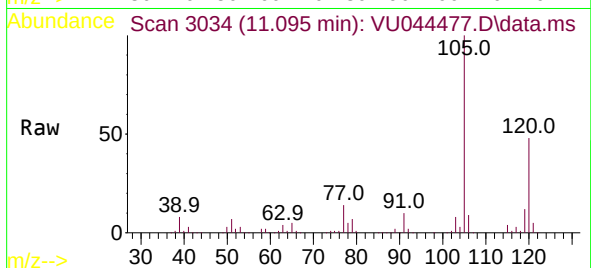




#62
1,3,5-Trimethylbenzene
Concen: 5.207 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

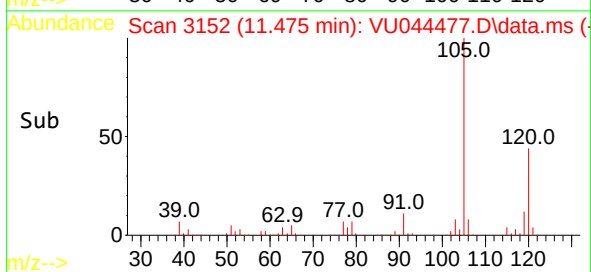
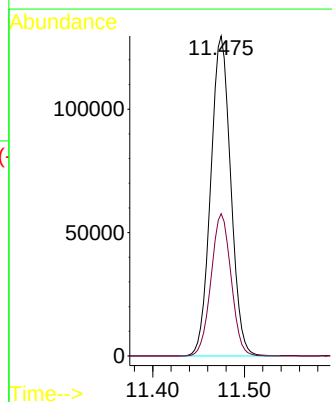
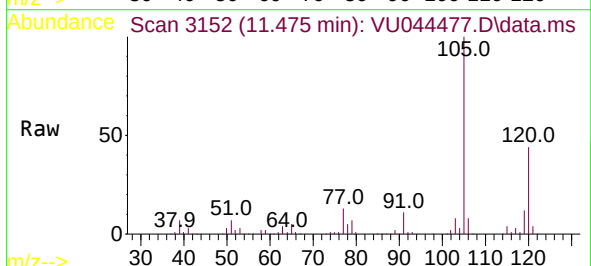
Instrument :
MSVOA_U
ClientSampleId :

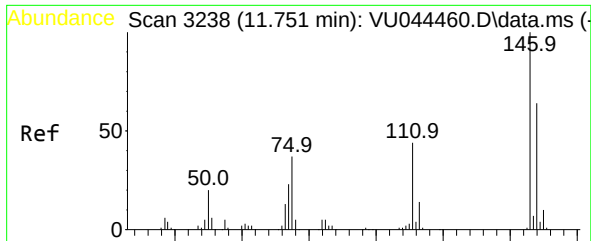
Tgt Ion:105 Resp: 189198
Ion Ratio Lower Upper
105 100
120 48.0 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.270 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:105 Resp: 196363
Ion Ratio Lower Upper
105 100
120 44.5 35.2 52.8

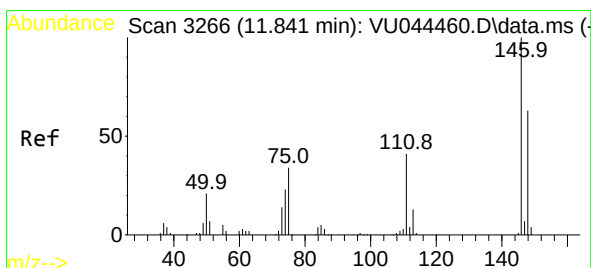
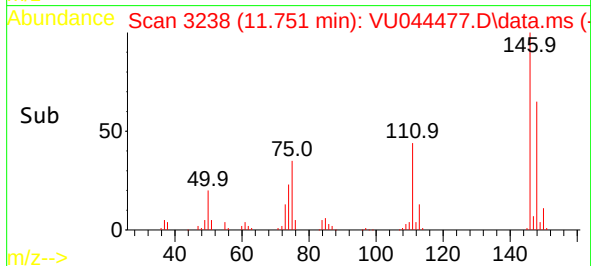
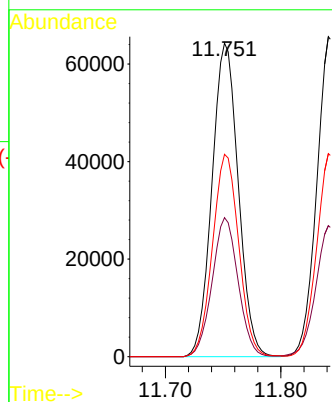
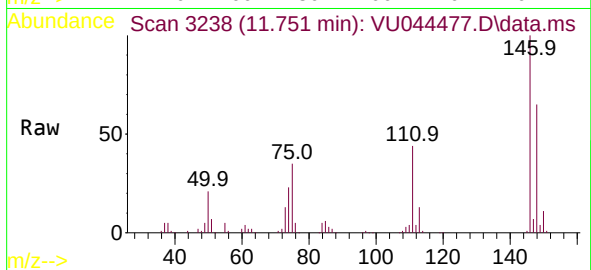




#64
1,3-Dichlorobenzene
Concen: 5.207 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

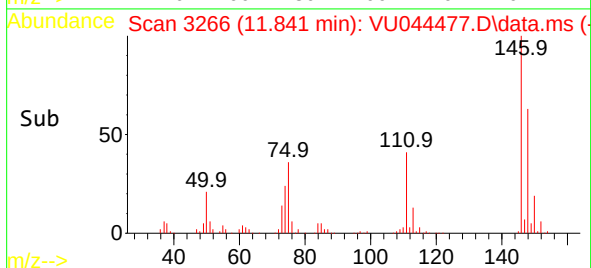
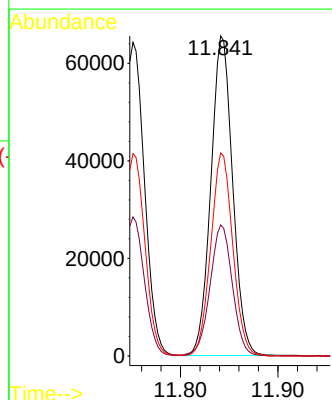
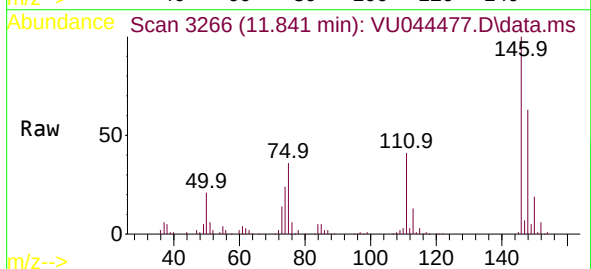
Instrument :
MSVOA_U
ClientSampled :

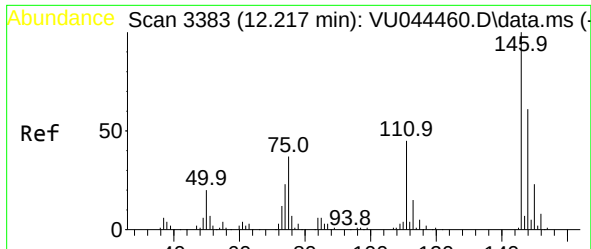
Tgt Ion:146 Resp: 101612
Ion Ratio Lower Upper
146 100
111 44.3 29.6 55.0
148 64.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:146 Resp: 101812
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.4
148 63.5 43.6 81.0

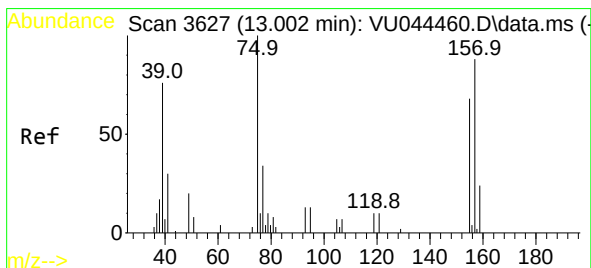
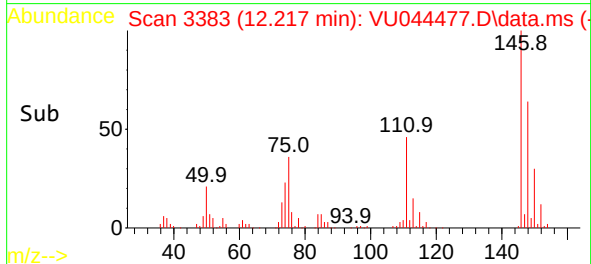
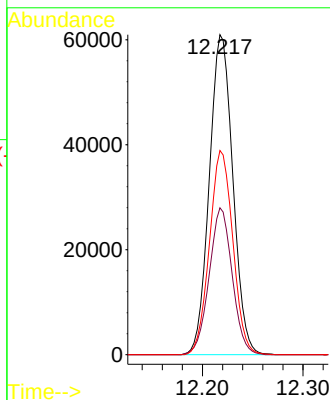
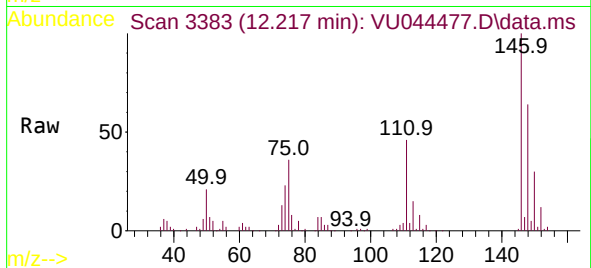




#67
1,2-Dichlorobenzene
Concen: 5.333 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

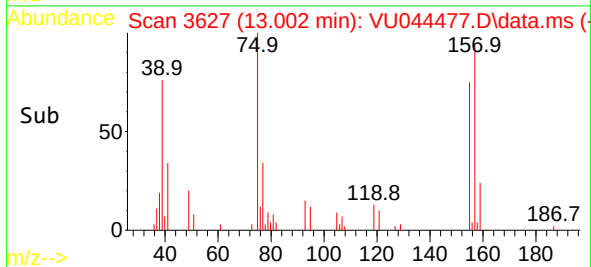
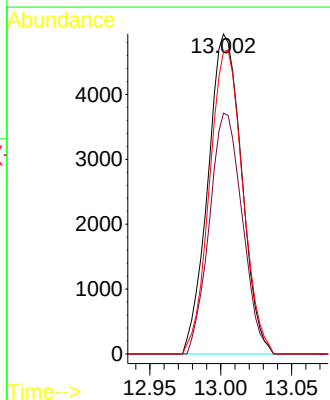
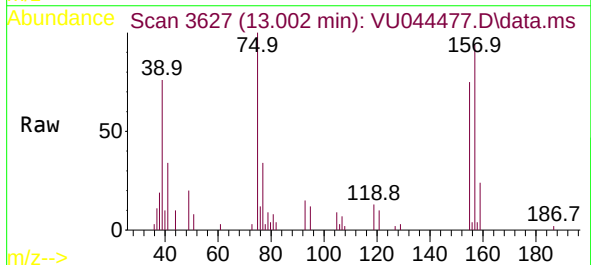
Instrument :
MSVOA_U
ClientSampleId :

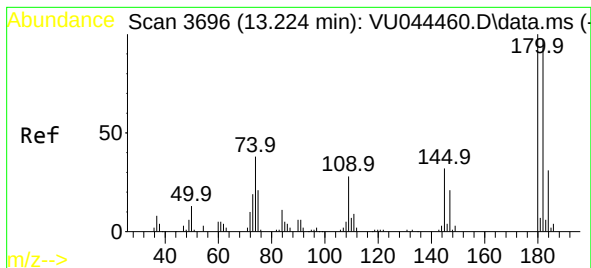
Tgt Ion:146 Resp: 99175
Ion Ratio Lower Upper
146 100
111 45.9 34.9 52.3
148 63.8 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.236 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion: 75 Resp: 8150
Ion Ratio Lower Upper
75 100
155 75.2 61.2 91.8
157 94.4 74.2 111.2

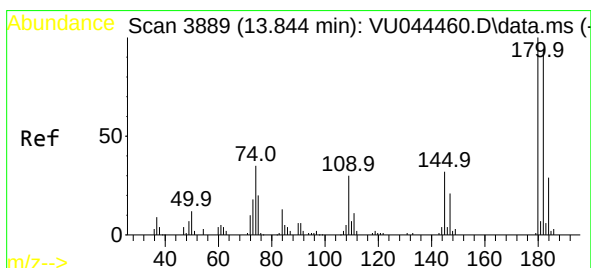
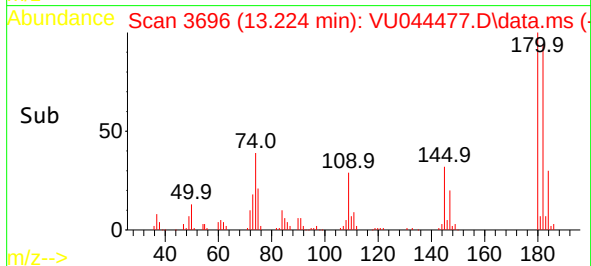
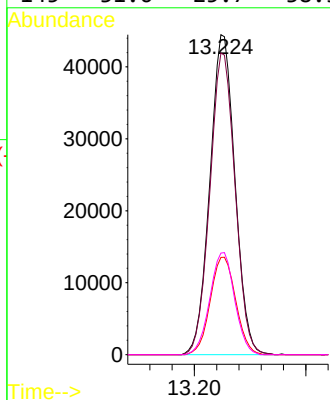
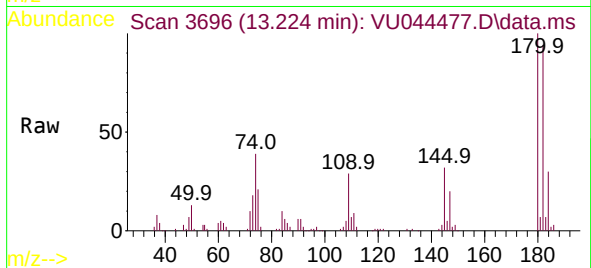




#69
1,3,5-Trichlorobenzene
Concen: 5.055 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

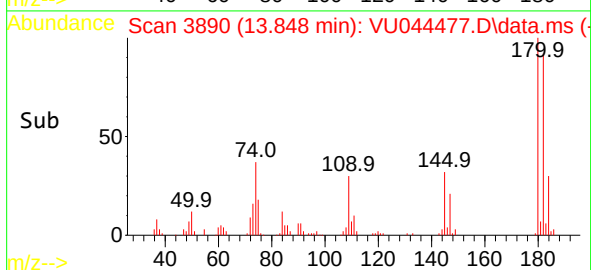
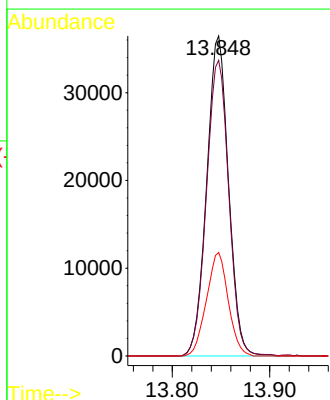
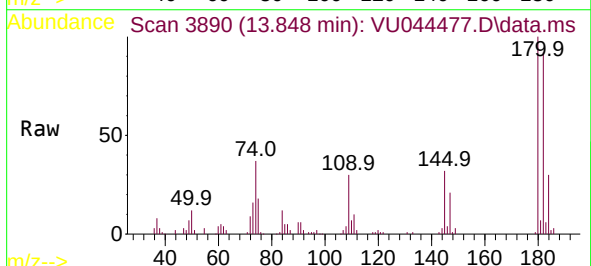
Instrument :
MSVOA_U
ClientSampled :

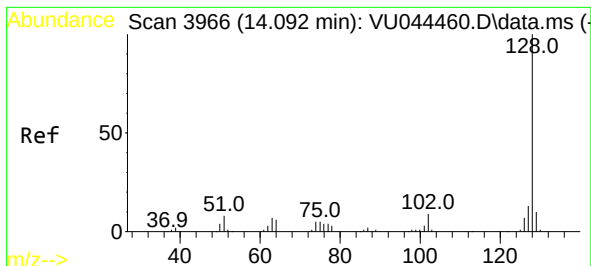
Tgt Ion:180 Resp: 69450
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
184 31.0 24.3 36.5
145 31.6 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 5.268 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:180 Resp: 56727
Ion Ratio Lower Upper
180 100
182 94.6 76.0 114.0
145 32.2 26.3 39.5

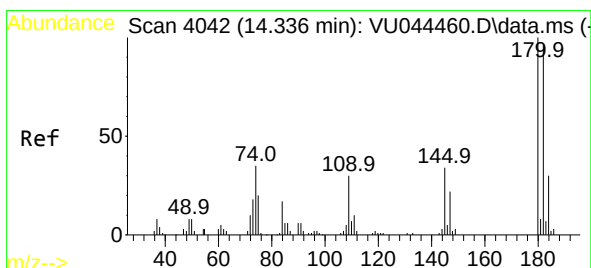
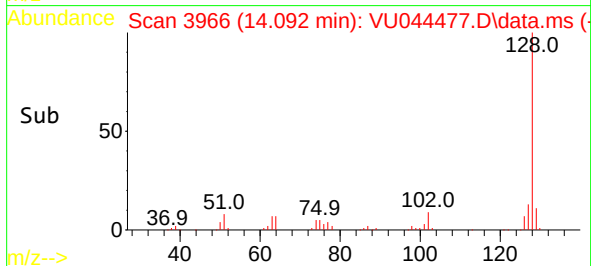
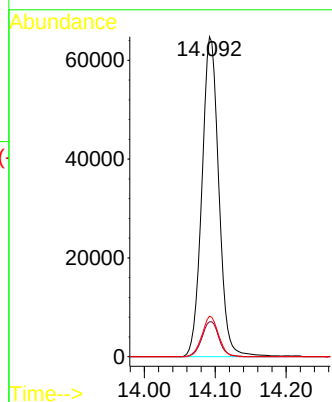
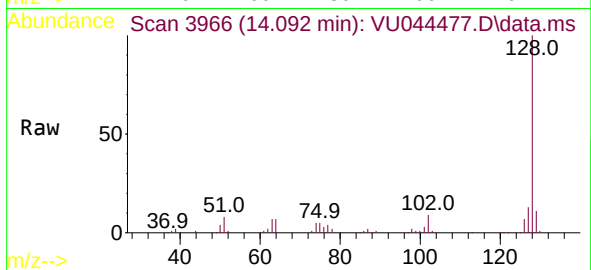




#71
Naphthalene
Concen: 5.229 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 107352
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.207 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044477.D
Acq: 20 Aug 2021 09:40

Tgt Ion:180 Resp: 51341
Ion Ratio Lower Upper
180 100
182 97.4 76.4 114.6
145 34.8 27.1 40.7

