

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044770.D
 Acq On : 22 Sep 2021 19:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 03:06:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	127733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	127260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	66687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30313	4.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.916	69	29637	3.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.572	65	13574	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.642	46	138983	43.991	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.980%
24) Chloroform-d	5.070	84	72351	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.710	65	41556	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.732	84	129201	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.697	67	45548	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.903	98	111976	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.186	79	15902	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.642	63	107435	44.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42669	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	44977	4.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	43812	4.301	ug/L	99
3) Chloromethane	1.520	50	56968	4.652	ug/L	99
5) Vinyl chloride	1.607	62	58491	4.683	ug/L	96
6) Bromomethane	1.861	94	29461	4.603	ug/L	97
8) Chloroethane	1.938	64	40603	5.101	ug/L	98
9) Trichlorofluoromethane	2.141	101	74875	5.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	45073	5.220	ug/L	99
12) 1,1-Dichloroethene	2.584	96	39193	4.776	ug/L	91
13) Acetone	2.646	43	103051	50.080	ug/L	90
14) Carbon disulfide	2.800	76	101817	3.919	ug/L	100
15) Methyl Acetate	2.961	43	21917	5.899	ug/L	95
16) Methylene chloride	3.051	84	60425	4.631	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	114372	5.042	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	42311	4.850	ug/L	97
19) 1,1-Dichloroethane	3.877	63	95064	5.390	ug/L	97
21) 2-Butanone	4.719	43	170538	49.635	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	50203	5.220	ug/L	97
23) Bromochloromethane	4.983	128	22148	5.437	ug/L	97
25) Chloroform	5.096	83	95810	5.098	ug/L	97

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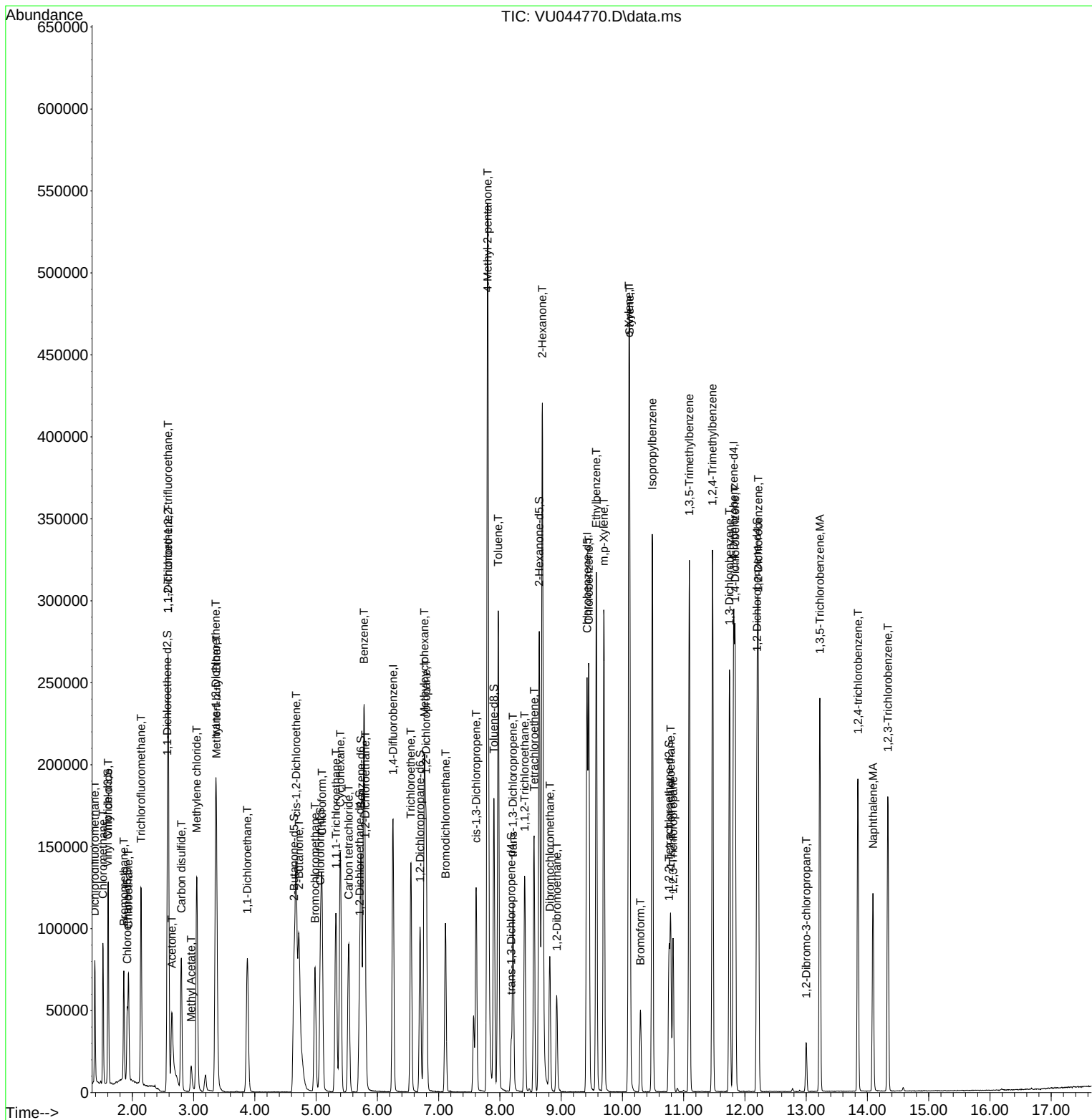
Instrument :
 MSVOA_U
 ClientSampleId :

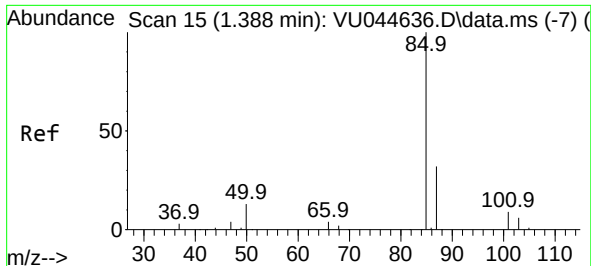
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	65173	5.297	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	75764	5.464	ug/L	98
30) Cyclohexane	5.395	56	70117	4.415	ug/L	98
31) Carbon tetrachloride	5.533	117	58571	5.397	ug/L	99
33) Benzene	5.780	78	196841	5.212	ug/L	100
34) Trichloroethene	6.546	95	47821	5.115	ug/L	98
35) Methylcyclohexane	6.768	83	69858	4.547	ug/L	99
37) 1,2-Dichloropropane	6.797	63	55753	5.509	ug/L	100
38) Bromodichloromethane	7.112	83	66292	5.402	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	69556	4.851	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	404211	51.311	ug/L	100
42) Toluene	7.973	91	202683	5.138	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	61779	5.049	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	39533	5.494	ug/L	98
47) Tetrachloroethene	8.559	164	32455	4.999	ug/L	99
48) 2-Hexanone	8.694	43	295354	50.371	ug/L	99
49) Dibromochloromethane	8.816	129	40959	5.418	ug/L	98
50) 1,2-Dibromoethane	8.928	107	34897	5.151	ug/L	97
51) Chlorobenzene	9.452	112	126396	5.168	ug/L	98
52) Ethylbenzene	9.575	91	213684	5.001	ug/L	99
53) m,p-Xylene	9.697	106	80787	4.972	ug/L	99
54) o-Xylene	10.105	106	79460	5.120	ug/L	97
55) Styrene	10.118	104	140398	5.168	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	51930	5.375	ug/L	97
59) Bromoform	10.295	173	21390	5.161	ug/L	99
60) Isopropylbenzene	10.488	105	210084	5.033	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	38522	5.228	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	169996	4.904	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	170572	4.791	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	96999	4.984	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	97847	4.873	ug/L	96
67) 1,2-Dichlorobenzene	12.218	146	92563	5.010	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	7460	4.603	ug/L	87
69) 1,3,5-Trichlorobenzene	13.224	180	67470	4.560	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	53114	4.256	ug/L	99
71) Naphthalene	14.092	128	94257	3.871	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	50917	4.432	ug/L	100

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

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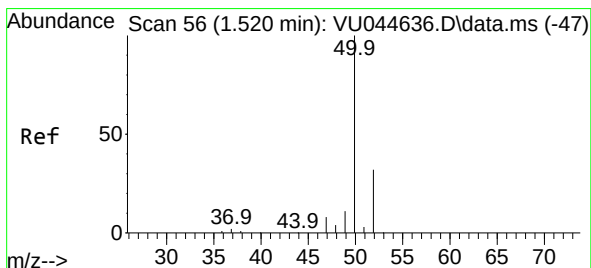
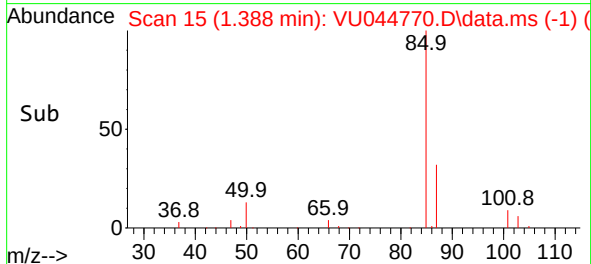
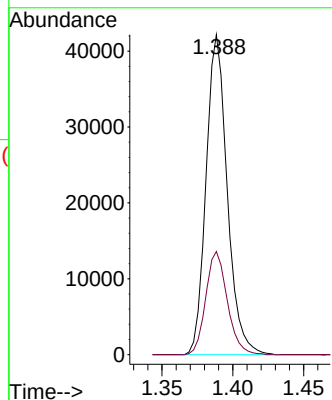
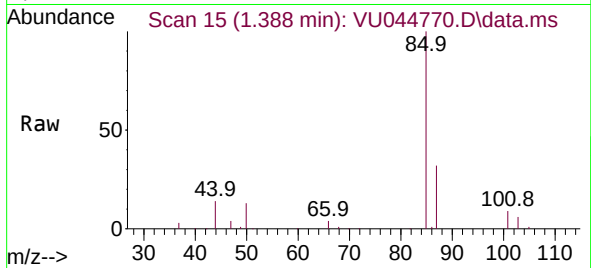




#2
Dichlorodifluoromethane
Concen: 4.301 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

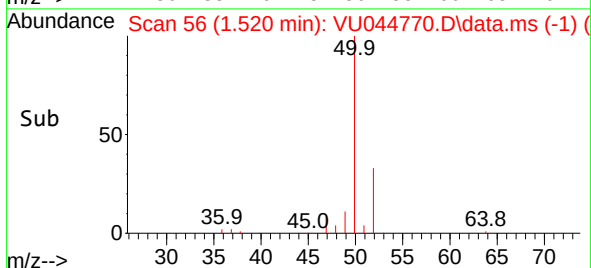
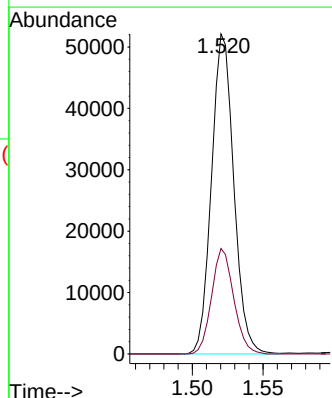
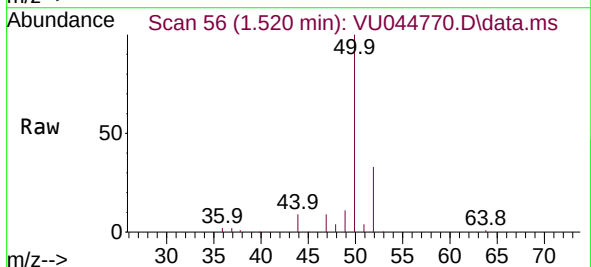
Instrument :
MSVOA_U
ClientSampled :

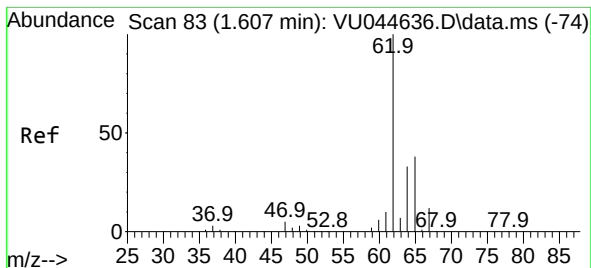
Tgt Ion: 85 Resp: 43812
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0



#3
Chloromethane
Concen: 4.652 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 50 Resp: 56968
Ion Ratio Lower Upper
50 100
52 32.9 22.6 42.0





#5

Vinyl chloride

Concen: 4.683 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044770.D

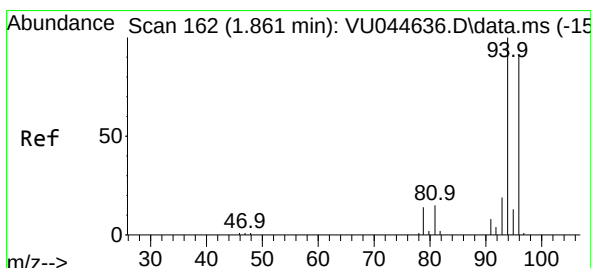
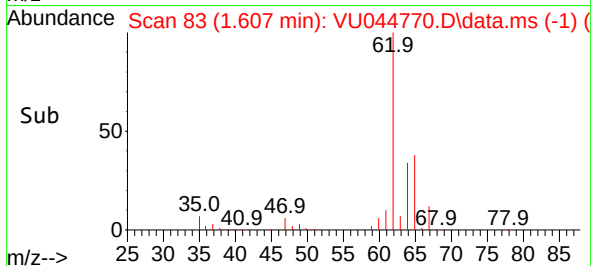
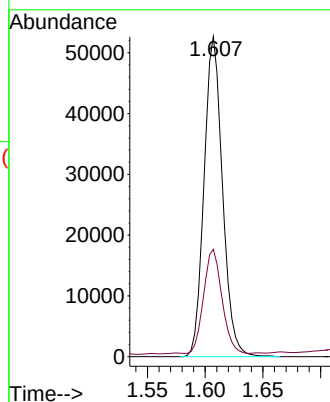
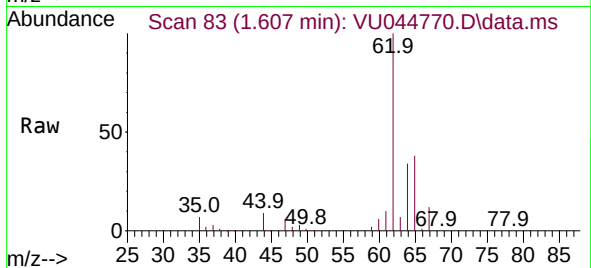
Acq: 22 Sep 2021 19:52

Tgt Ion: 62 Resp: 58491

Ion Ratio Lower Upper

62 100

64 33.5 22.0 40.8



#6

Bromomethane

Concen: 4.603 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU044770.D

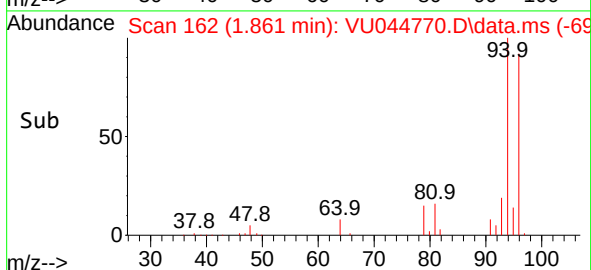
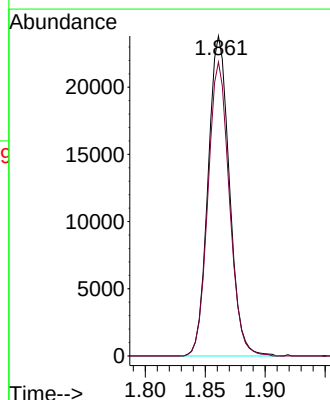
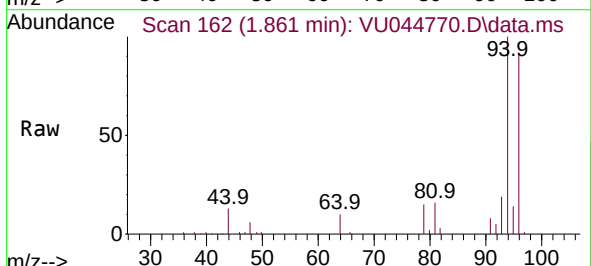
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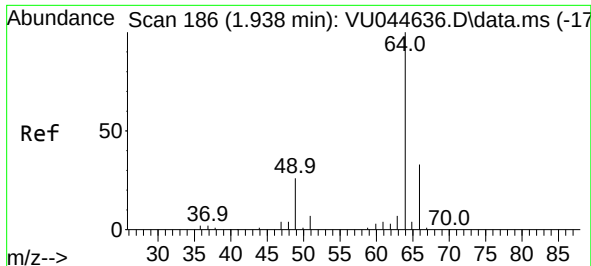
Tgt Ion: 94 Resp: 29461

Ion Ratio Lower Upper

94 100

96 91.8 66.4 123.4

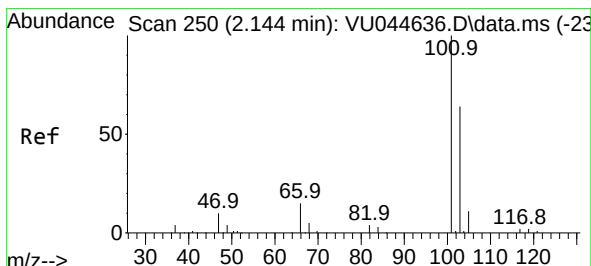
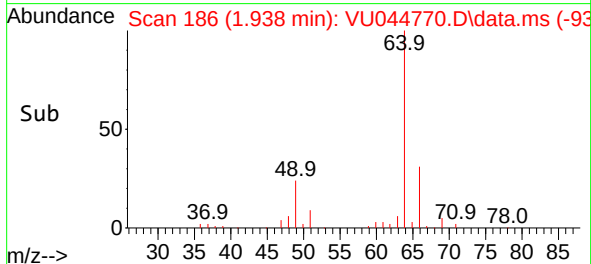
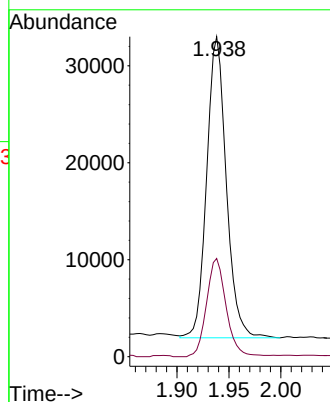
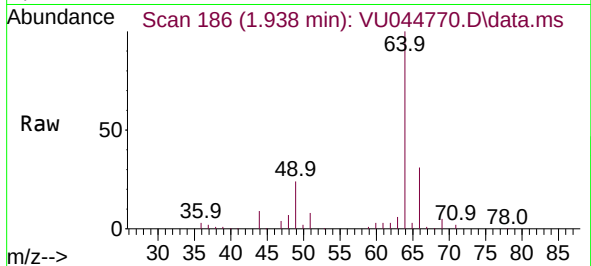




#8
Chloroethane
Concen: 5.101 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

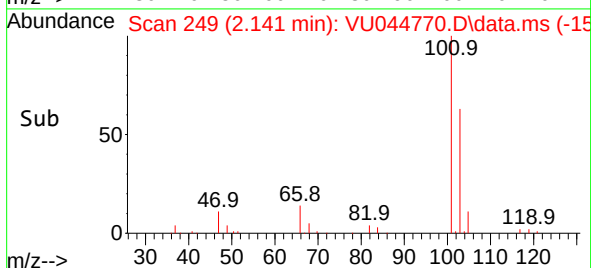
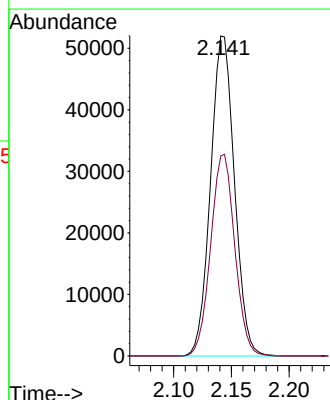
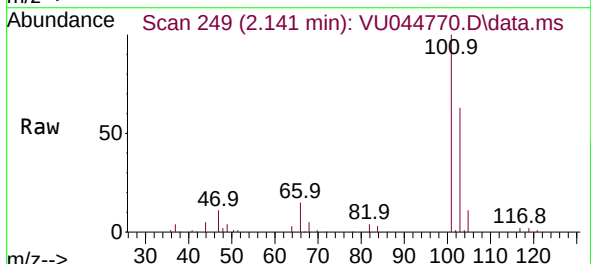
Instrument :
MSVOA_U
ClientSampled :

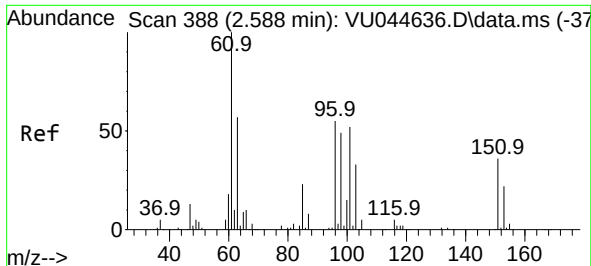
Tgt Ion: 64 Resp: 40603
Ion Ratio Lower Upper
64 100
66 30.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.324 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 101 Resp: 74875
Ion Ratio Lower Upper
101 100
103 63.5 51.2 76.8

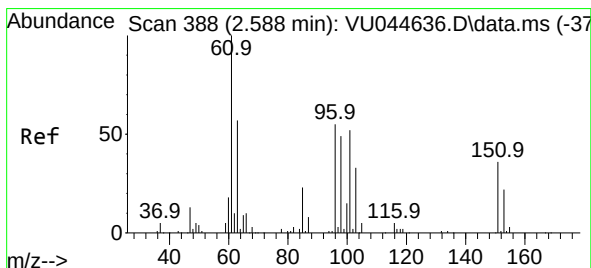
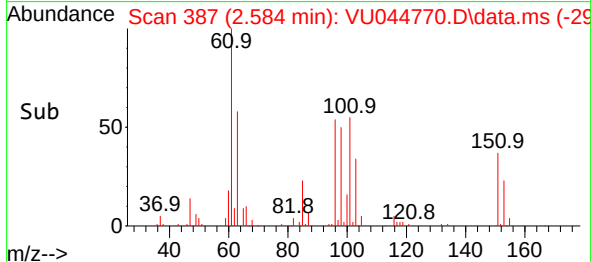
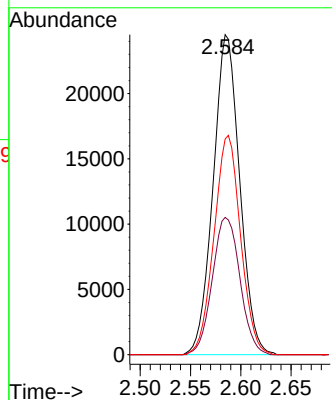
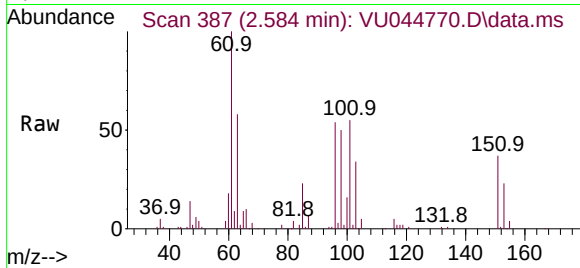




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.220 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

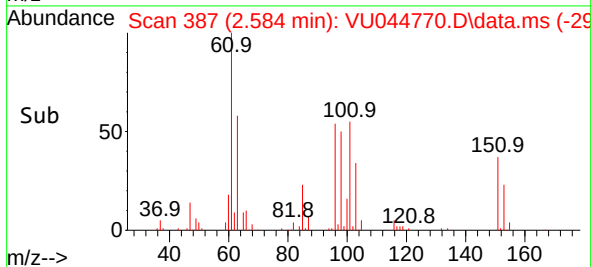
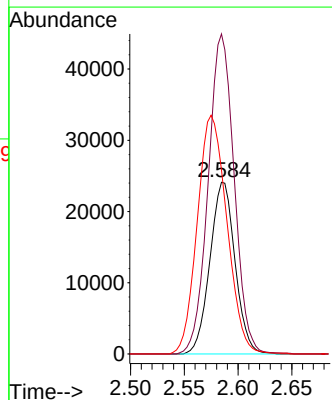
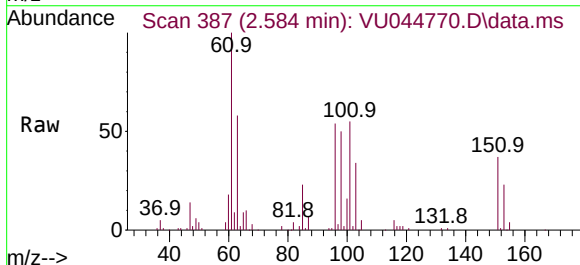
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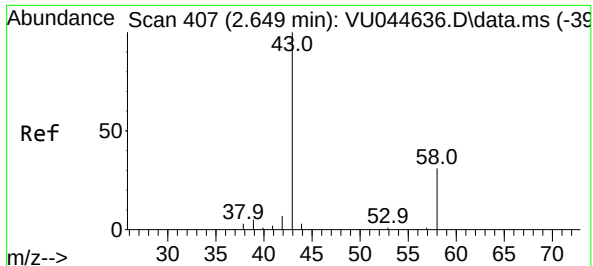
Tgt Ion:101 Resp: 45073
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 68.6 53.9 80.9



#12
1,1-Dichloroethene
Concen: 4.776 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 96 Resp: 39193
Ion Ratio Lower Upper
96 100
61 186.4 129.3 240.1
63 107.2 91.3 169.5

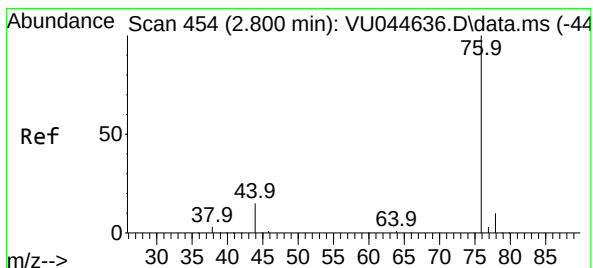
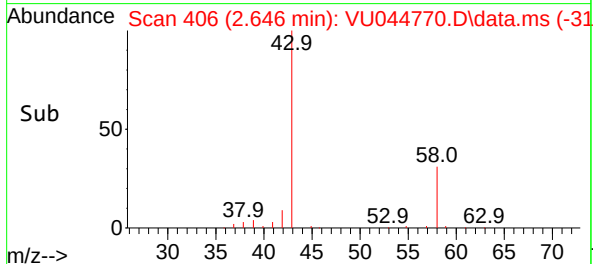
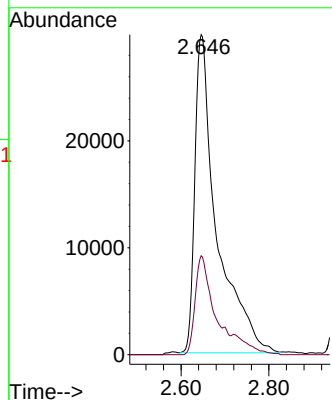
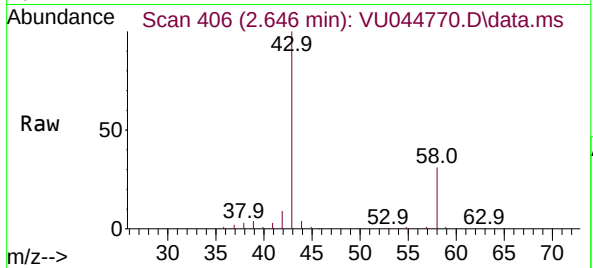




#13
Acetone
Concen: 50.080 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

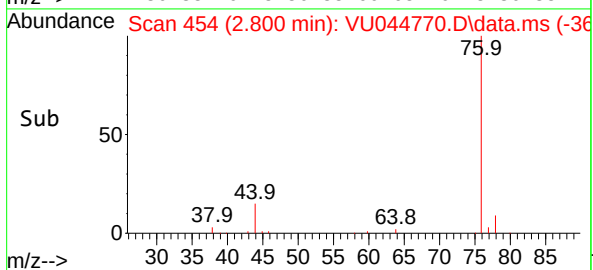
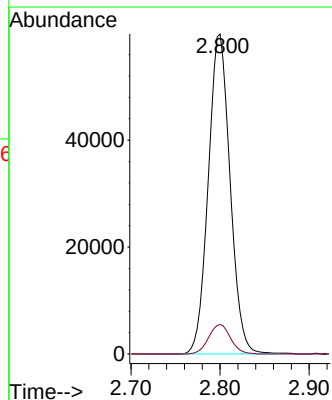
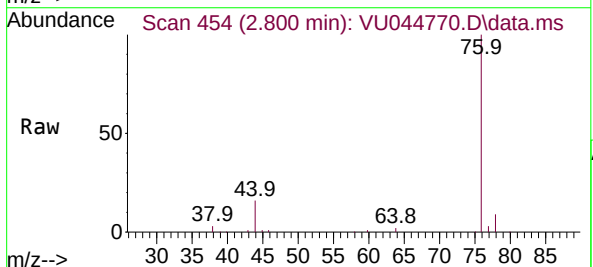
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MSVOA_U
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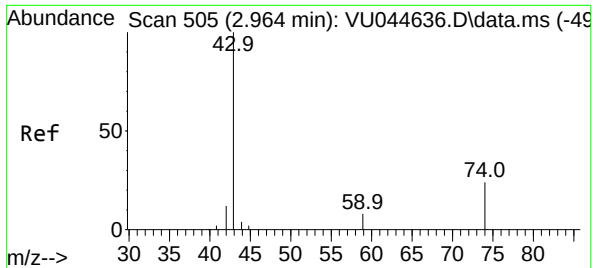
Tgt Ion: 43 Resp: 103051
Ion Ratio Lower Upper
43 100
58 25.8 0.0 42.4



#14
Carbon disulfide
Concen: 3.919 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 76 Resp: 101817
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

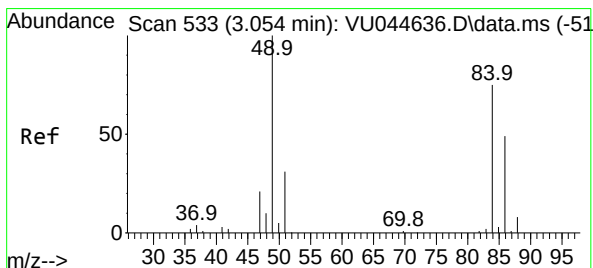
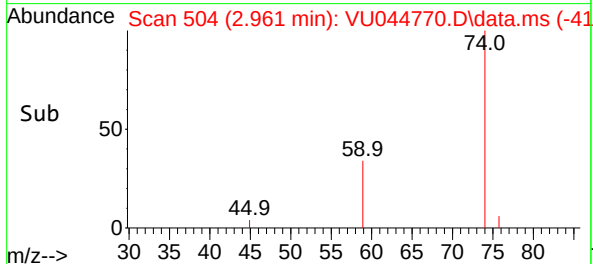
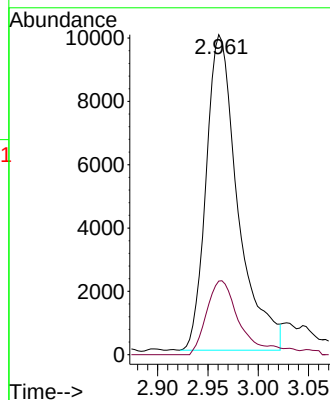
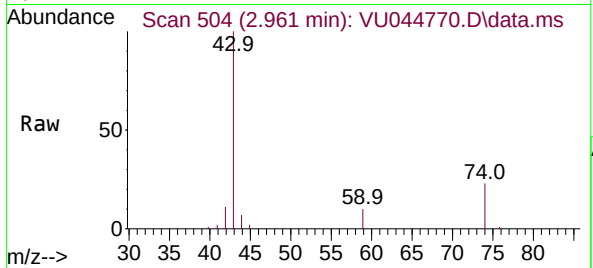




#15
Methyl Acetate
Concen: 5.899 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

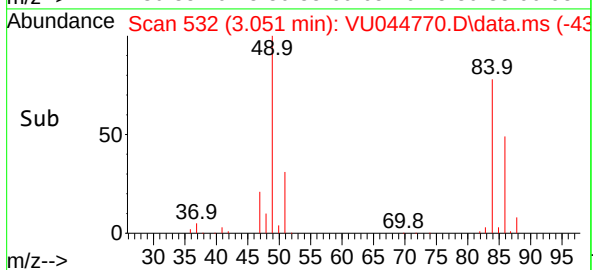
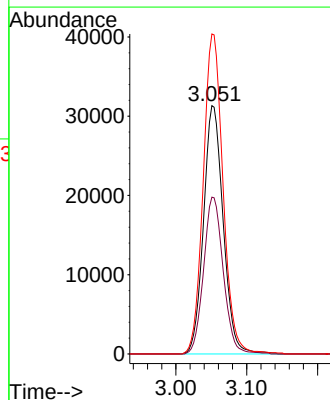
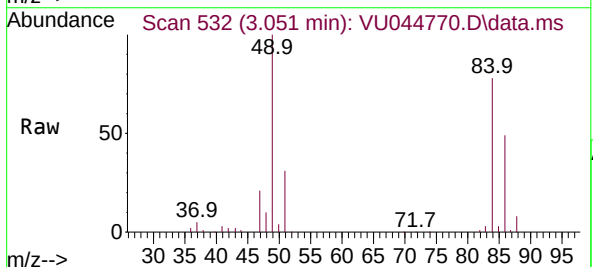
Instrument :
MSVOA_U
ClientSampled :

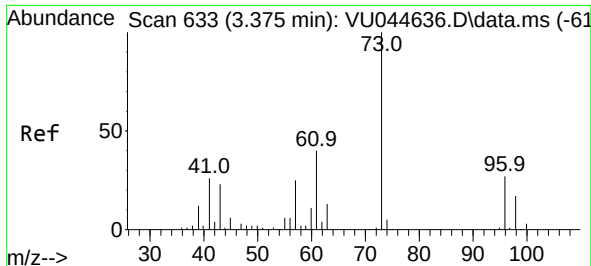
Tgt Ion: 43 Resp: 21917
Ion Ratio Lower Upper
43 100
74 23.1 20.6 30.8



#16
Methylene chloride
Concen: 4.631 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 84 Resp: 60425
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.2
49 128.9 92.9 172.5



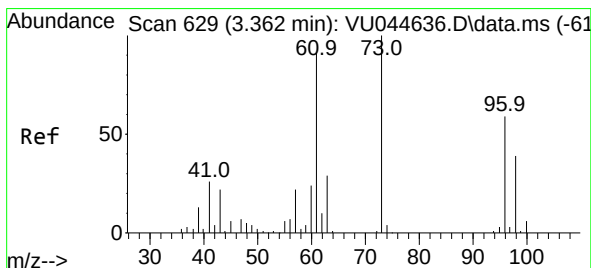
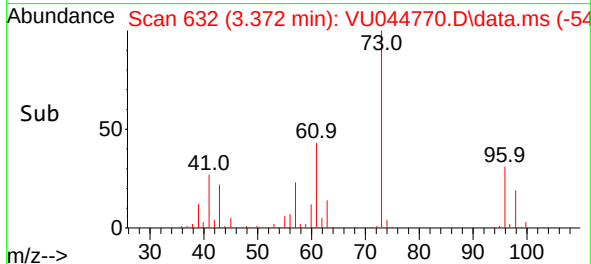
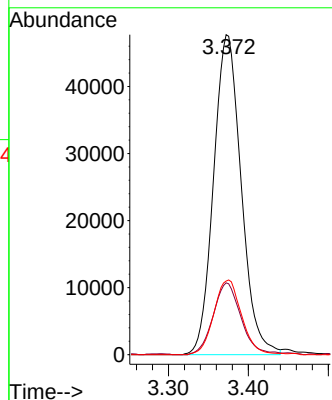
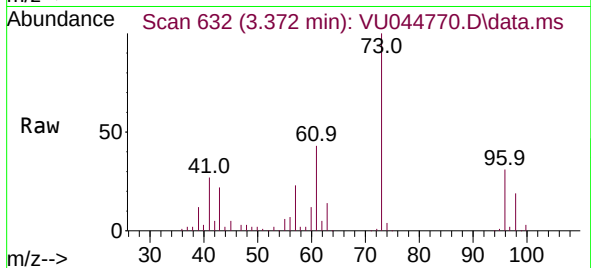


#17

Methyl tert-butyl Ether
Concen: 5.042 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Instrument :
MSVOA_U
ClientSampleId :

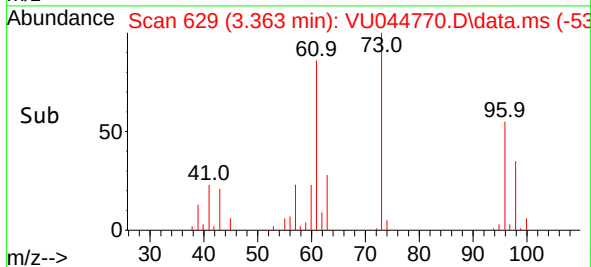
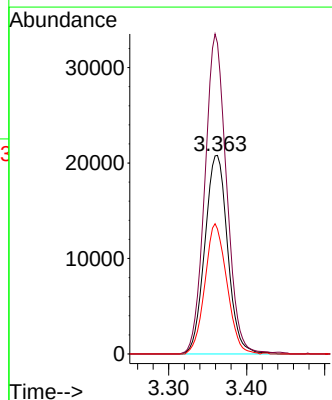
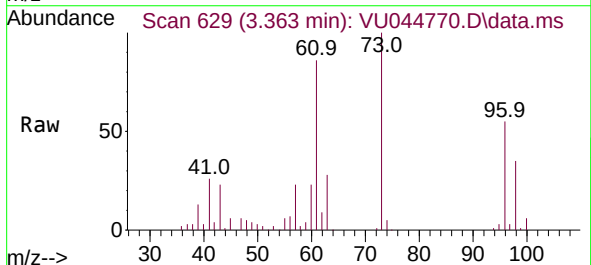
Tgt Ion: 73 Resp: 114372
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 23.5 18.6 27.8

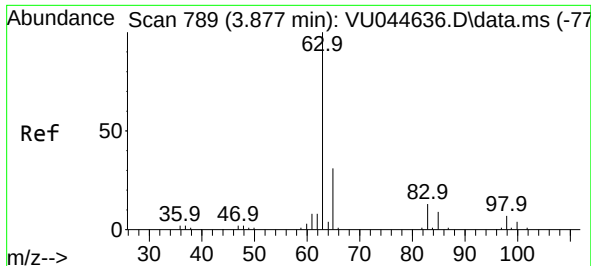


#18

trans-1,2-Dichloroethene
Concen: 4.850 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 96 Resp: 42311
Ion Ratio Lower Upper
96 100
61 156.5 107.2 199.0
98 62.9 42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.390 ug/L

RT: 3.877 min Scan# 789

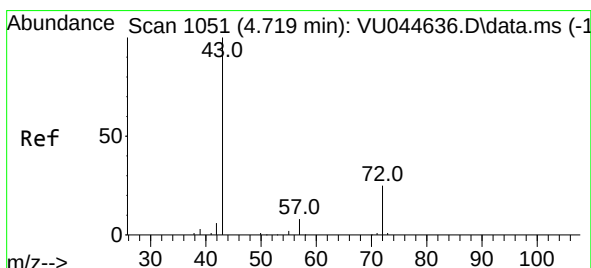
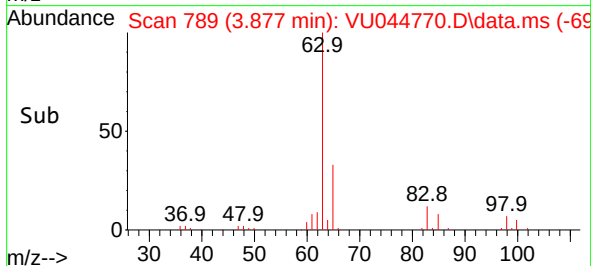
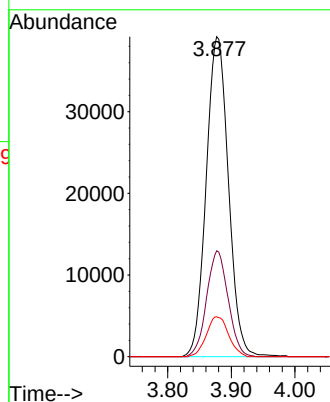
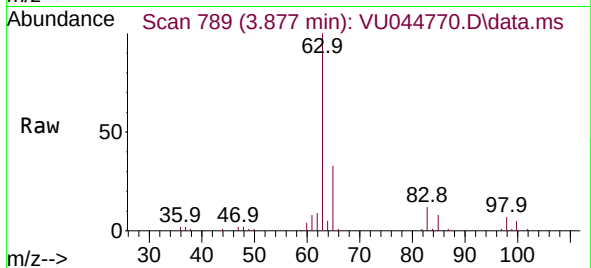
Delta R.T. 0.000 min

Lab File: VU044770.D

Acq: 22 Sep 2021 19:52

Tgt Ion:	63	Resp:	95064
Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.8	40.6
83	12.4	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 49.635 ug/L

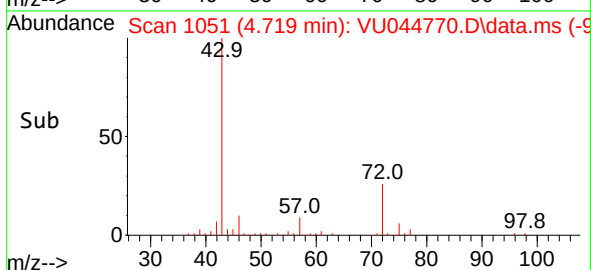
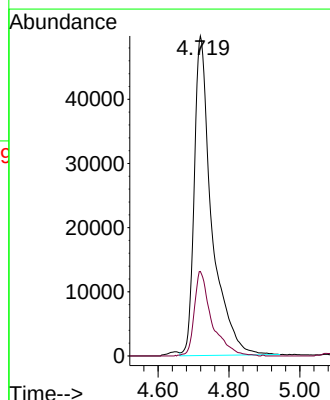
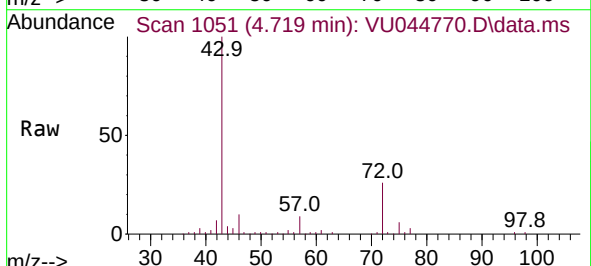
RT: 4.719 min Scan# 1051

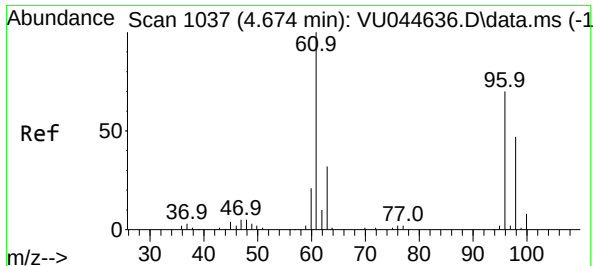
Delta R.T. -0.003 min

Lab File: VU044770.D

Acq: 22 Sep 2021 19:52

Tgt Ion:	43	Resp:	170538
Ion	Ratio	Lower	Upper
43	100		
72	26.5	9.2	27.4

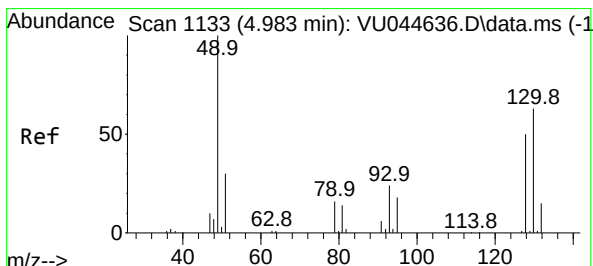
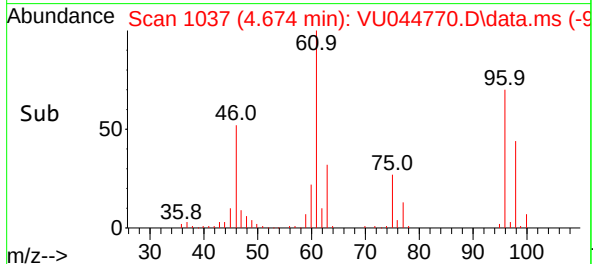
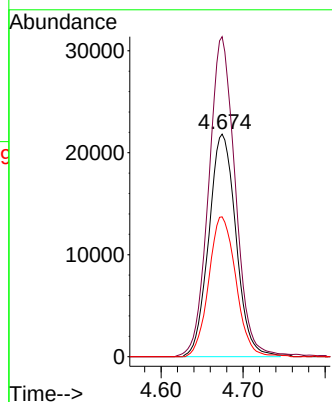
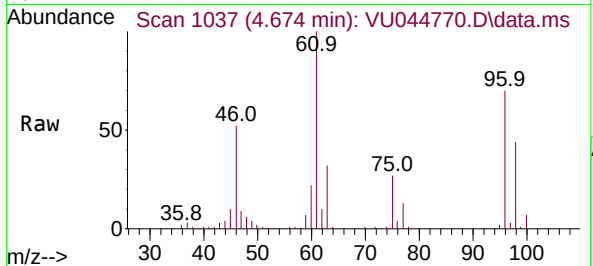




#22
cis-1,2-Dichloroethene
Concen: 5.220 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

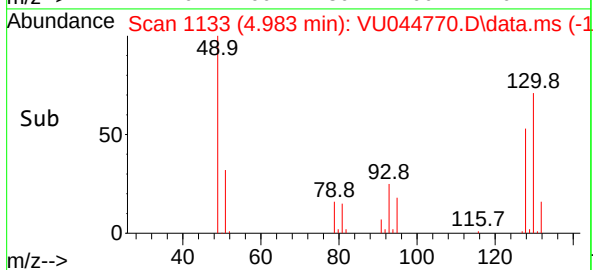
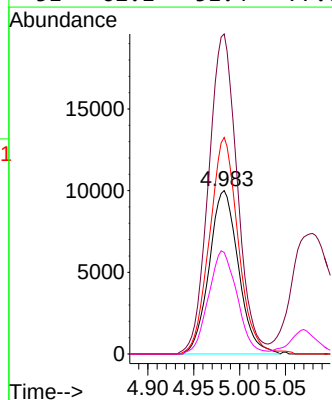
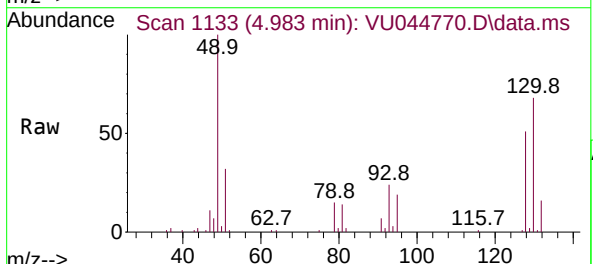
Instrument :
MSVOA_U
ClientSampled :

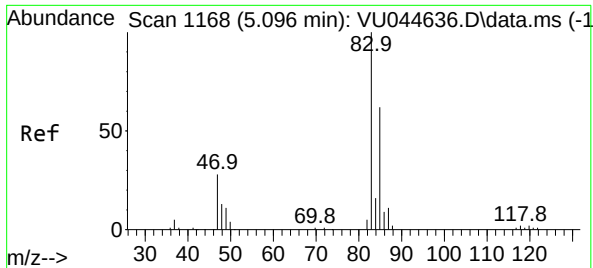
Tgt Ion:	96	Resp:	50203
Ion	Ratio	Lower	Upper
96	100		
61	143.8	96.9	179.9
98	62.9	43.5	80.7



#23
Bromochloromethane
Concen: 5.437 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:	128	Resp:	22148
Ion	Ratio	Lower	Upper
128	100		
49	196.0	141.4	262.6
130	132.6	94.3	175.1
51	62.1	51.4	77.0

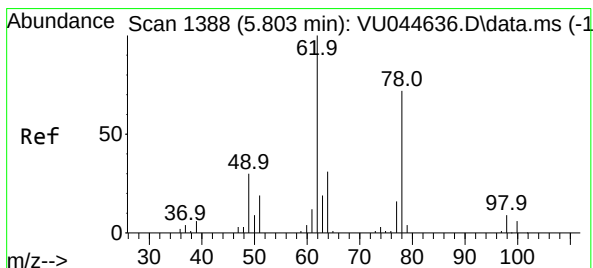
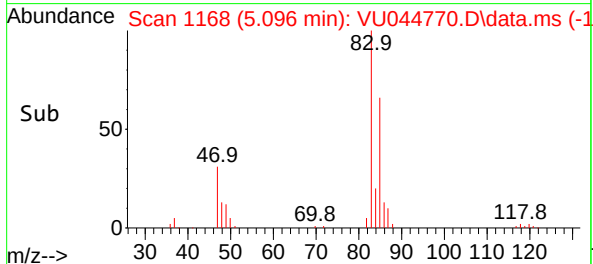
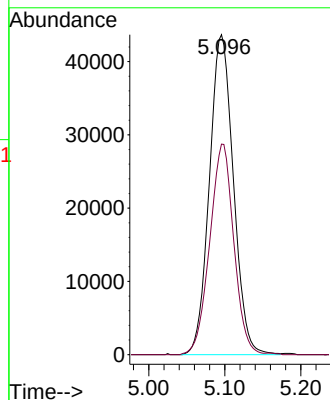
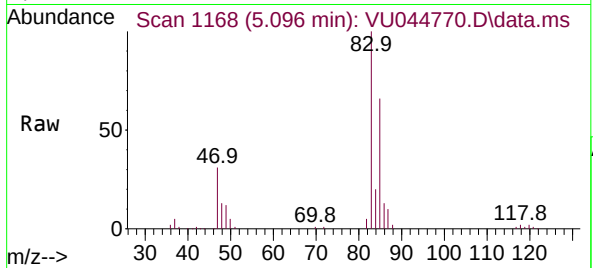




#25
Chloroform
Concen: 5.098 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

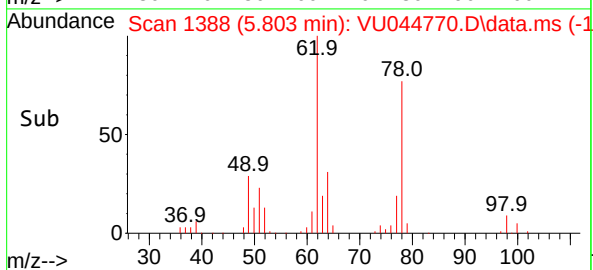
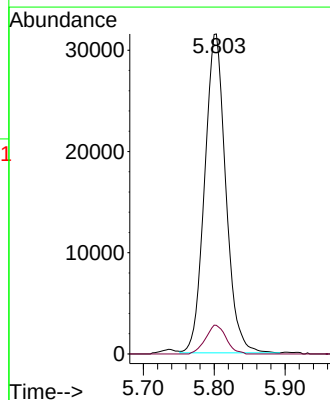
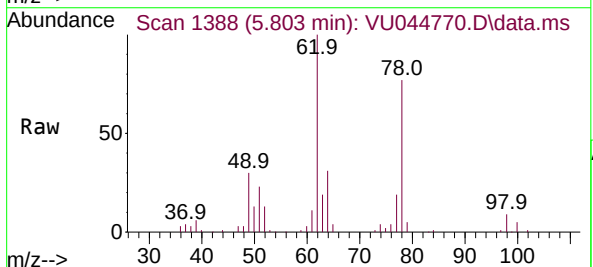
Instrument :
MSVOA_U
ClientSampleId :

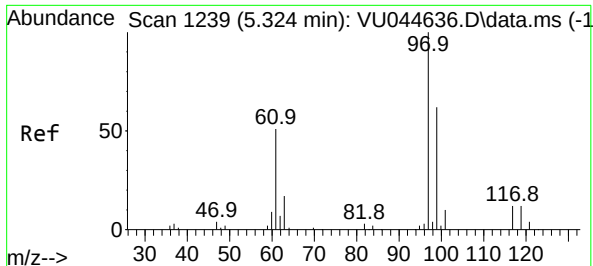
Tgt Ion: 83 Resp: 95810
Ion Ratio Lower Upper
83 100
85 65.8 44.2 82.0



#27
1,2-Dichloroethane
Concen: 5.297 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 62 Resp: 65173
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0

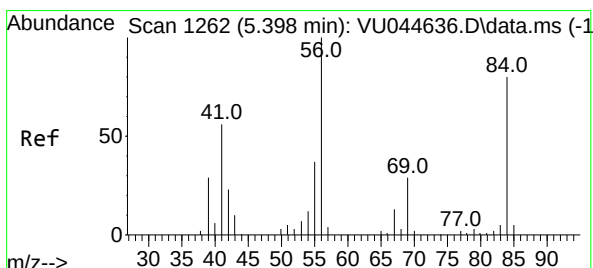
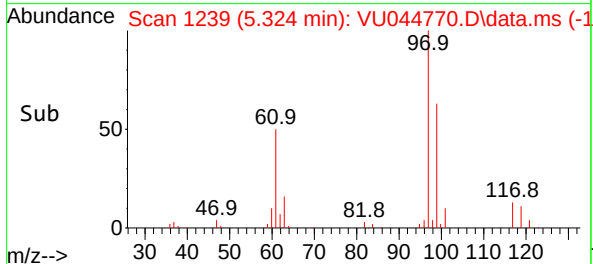
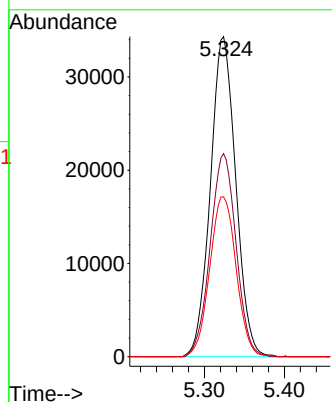
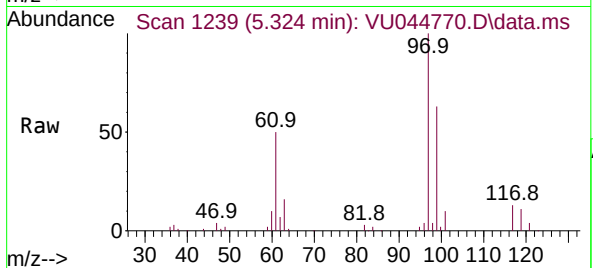




#29
1,1,1-Trichloroethane
Concen: 5.464 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

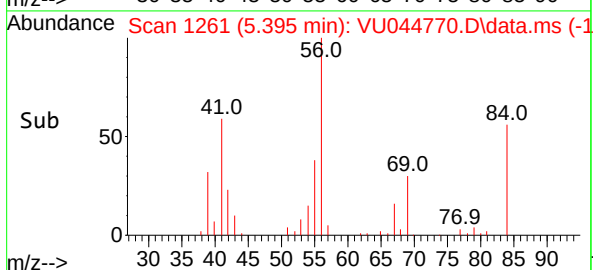
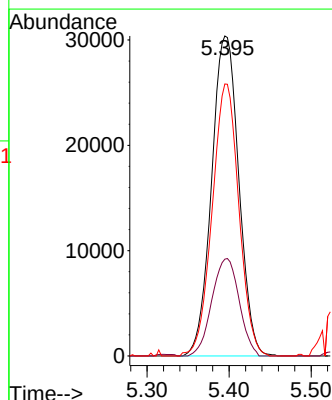
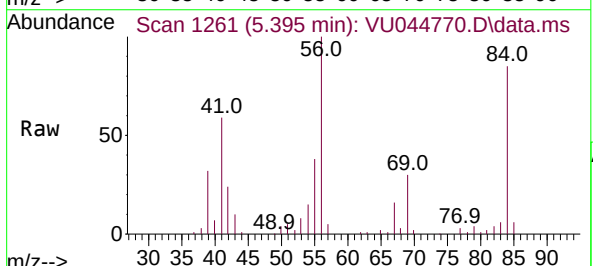
Instrument :
MSVOA_U
ClientSampled :

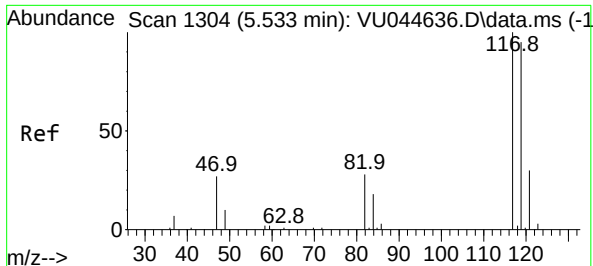
Tgt Ion:	97	Resp:	75764
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.7	76.1
61	52.1	40.6	60.8



#30
Cyclohexane
Concen: 4.415 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:	56	Resp:	70117
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.4	35.2
84	83.2	65.5	98.3

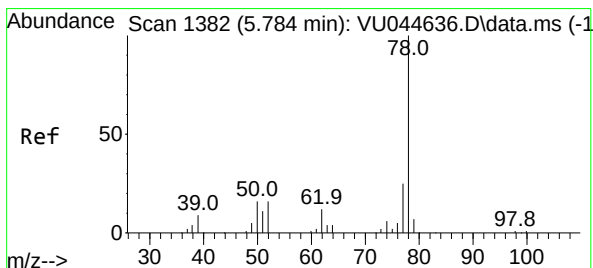
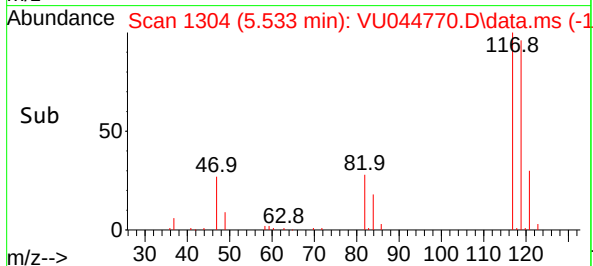
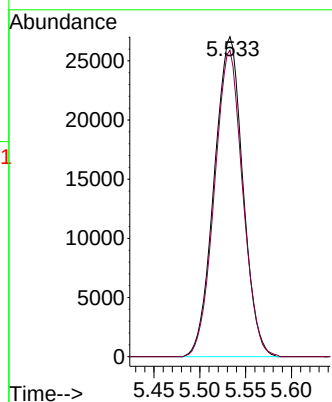
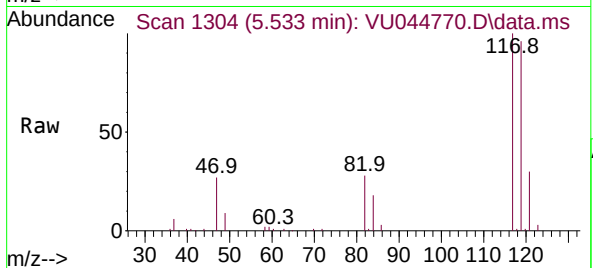




#31
Carbon tetrachloride
Concen: 5.397 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

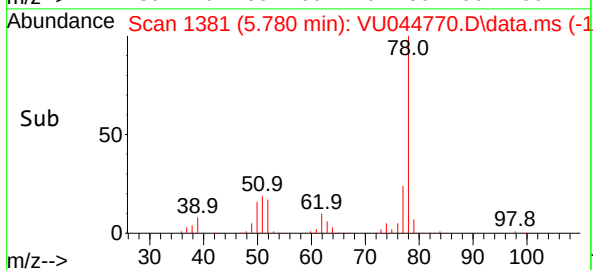
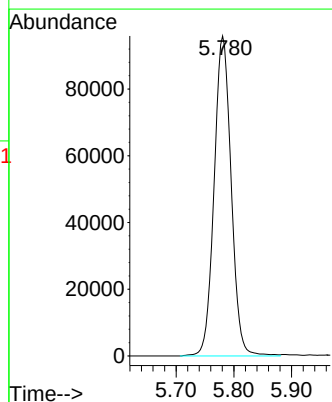
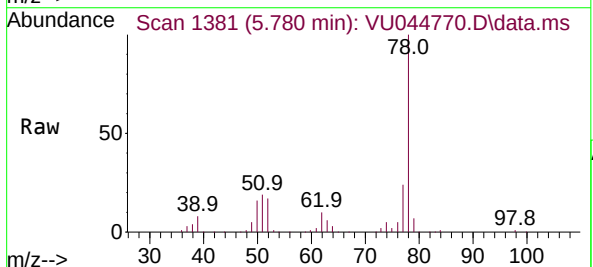
Instrument :
MSVOA_U
ClientSampleId :

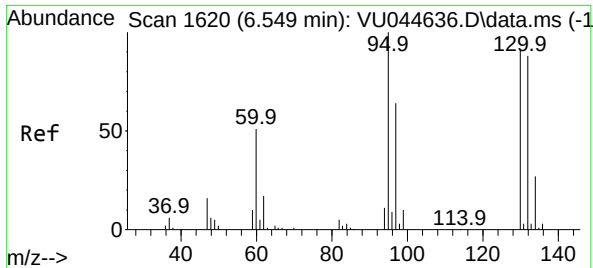
Tgt Ion:117 Resp: 58571
Ion Ratio Lower Upper
117 100
119 94.7 76.4 114.6



#33
Benzene
Concen: 5.212 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 78 Resp: 196841



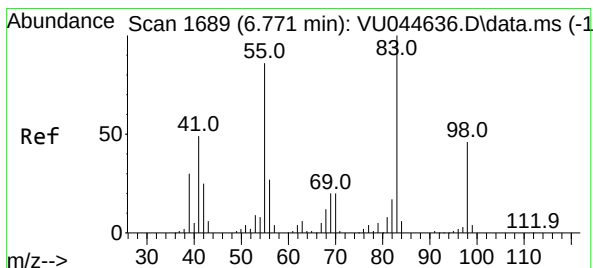
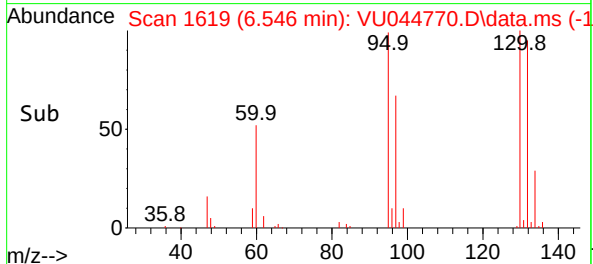
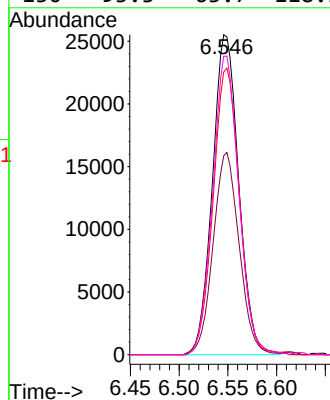
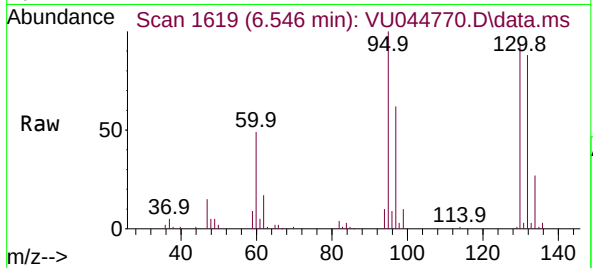


#34
Trichloroethene
Concen: 5.115 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 47821

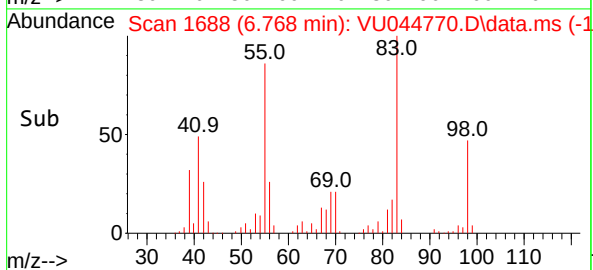
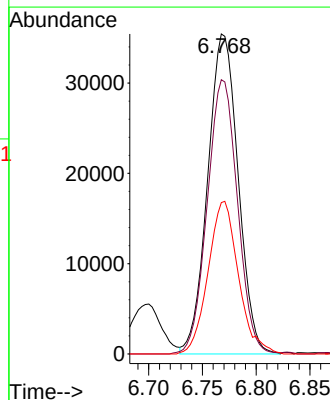
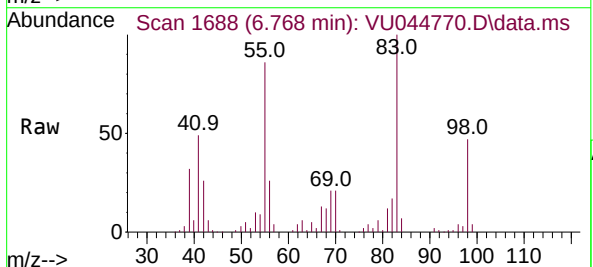
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.7	82.9
132	88.3	60.3	111.9
130	93.3	63.7	118.3

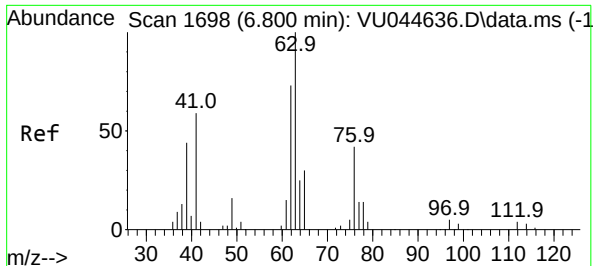


#35
Methylcyclohexane
Concen: 4.547 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 83 Resp: 69858

Ion	Ratio	Lower	Upper
83	100		
55	85.0	68.3	102.5
98	47.4	37.3	55.9

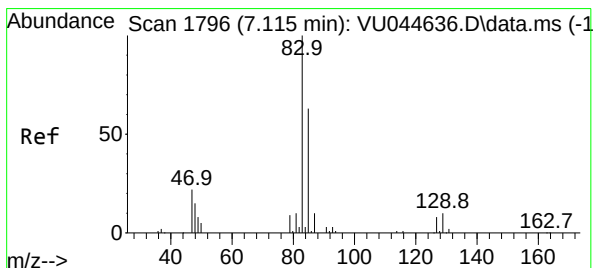
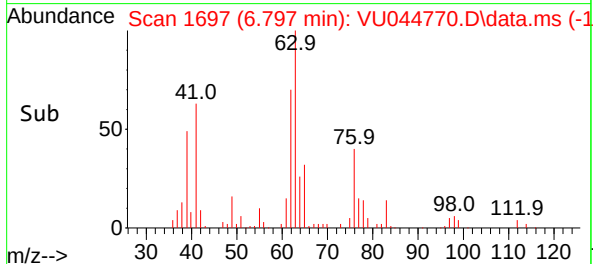
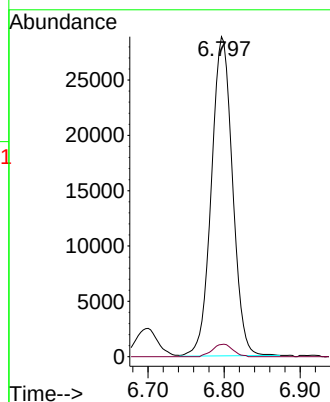
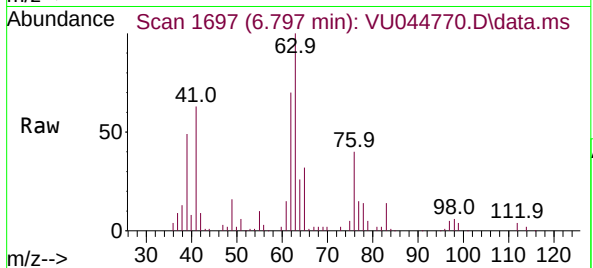




#37
1,2-Dichloropropane
Concen: 5.509 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

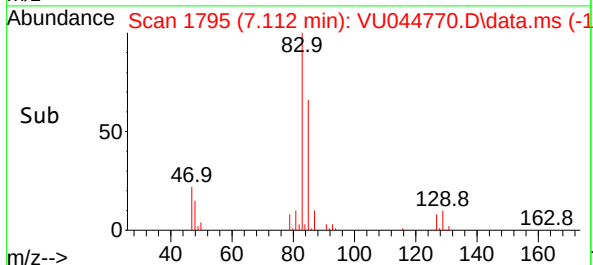
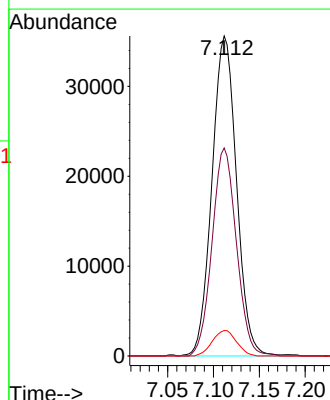
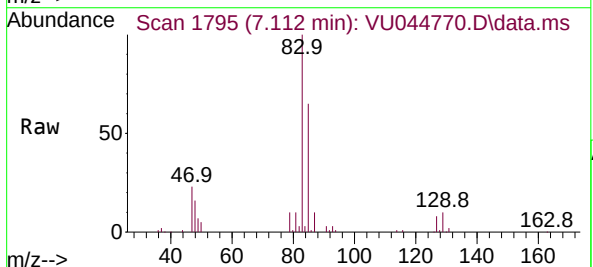
Instrument :
MSVOA_U
ClientSampled :

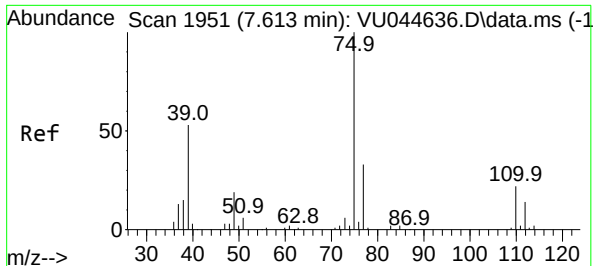
Tgt Ion: 63 Resp: 55753
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7



#38
Bromodichloromethane
Concen: 5.402 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 83 Resp: 66292
Ion Ratio Lower Upper
83 100
85 65.0 46.3 86.1
127 8.0 6.0 9.0

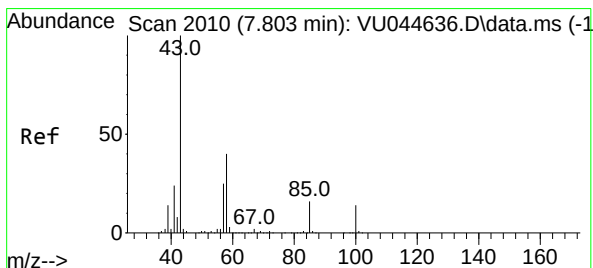
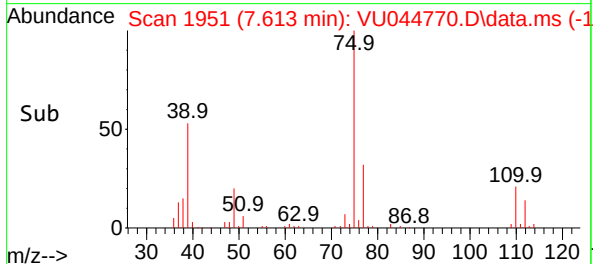
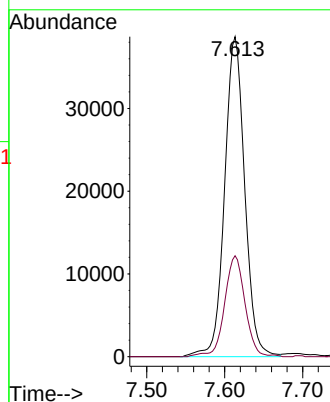
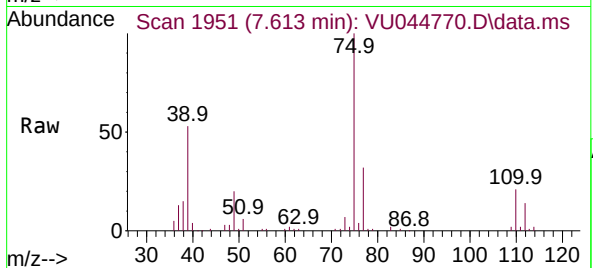




#39
 cis-1,3-Dichloropropene
 Concen: 4.851 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU044770.D
 Acq: 22 Sep 2021 19:52

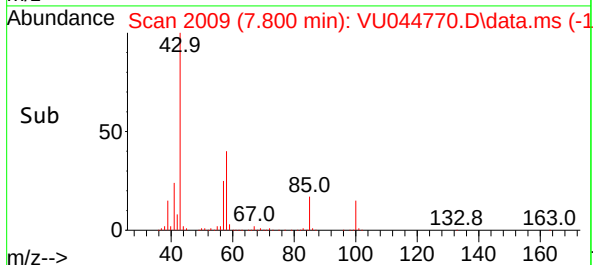
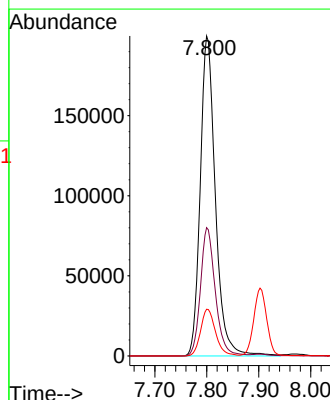
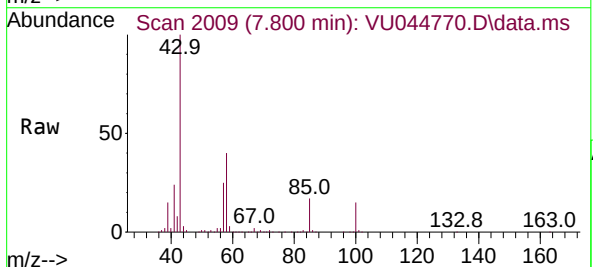
Instrument :
 MSVOA_U
 ClientSampled :

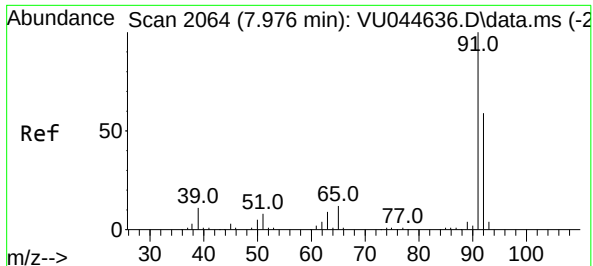
Tgt Ion: 75 Resp: 69556
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 51.311 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU044770.D
 Acq: 22 Sep 2021 19:52

Tgt Ion: 43 Resp: 404211
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8
 100 14.4 11.4 17.0

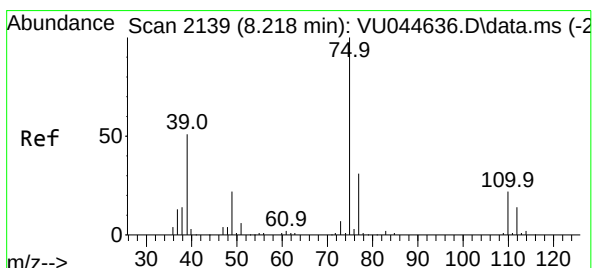
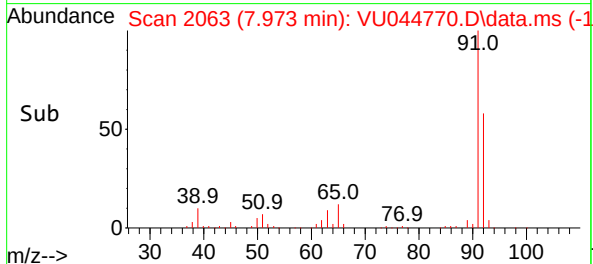
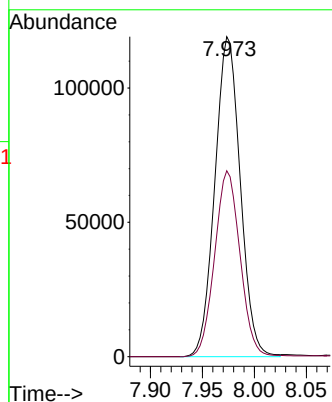
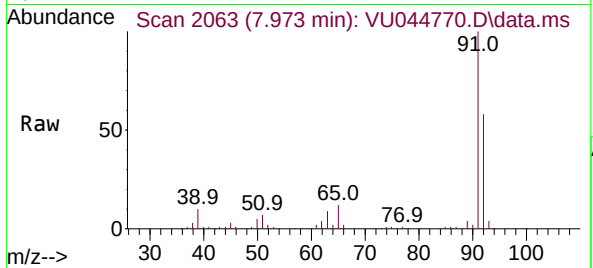




#42
Toluene
Concen: 5.138 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

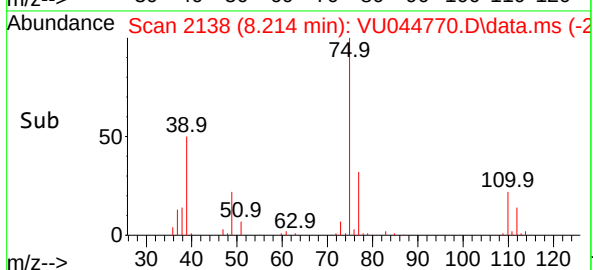
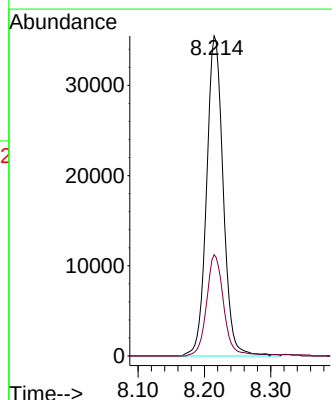
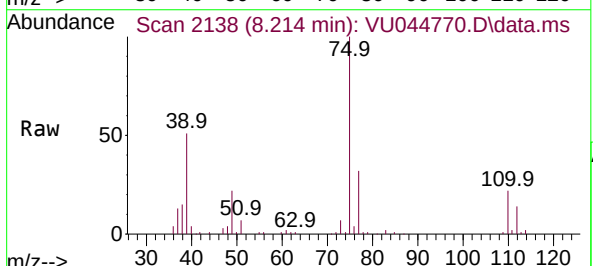
Instrument :
MSVOA_U
ClientSampled :

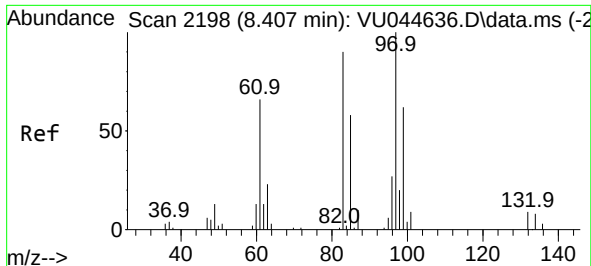
Tgt Ion: 91 Resp: 202683
Ion Ratio Lower Upper
91 100
92 58.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.049 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 75 Resp: 61779
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0



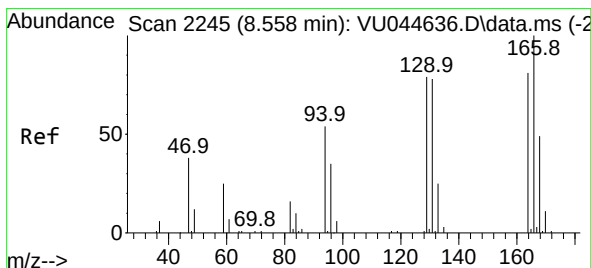
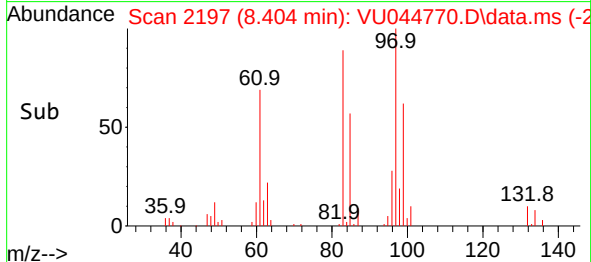
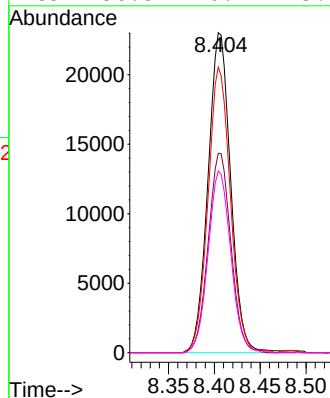
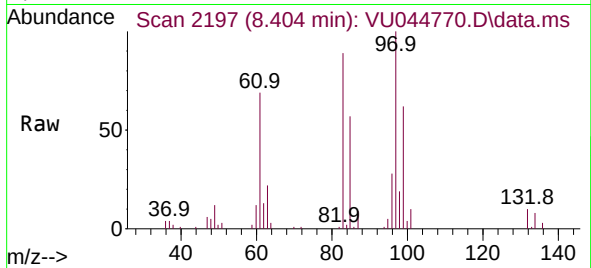


#45
1,1,2-Trichloroethane
Concen: 5.494 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 39533

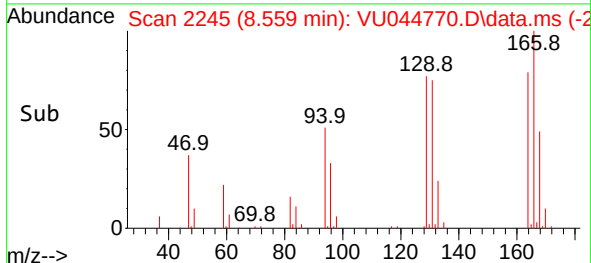
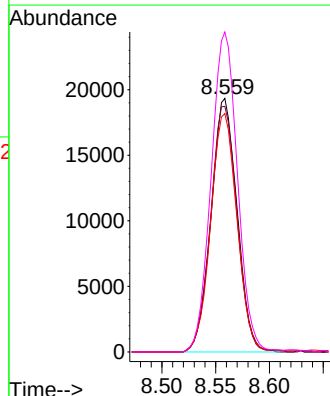
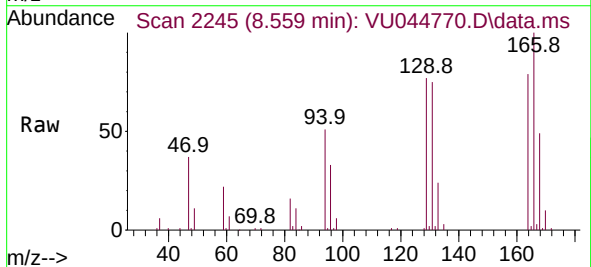
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.8	83.2
83	89.2	63.6	118.0
85	56.8	40.7	75.7

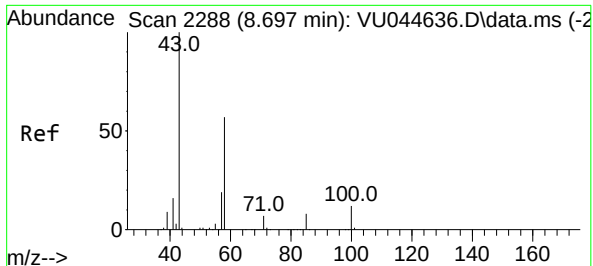


#47
Tetrachloroethene
Concen: 4.999 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 164 Resp: 32455

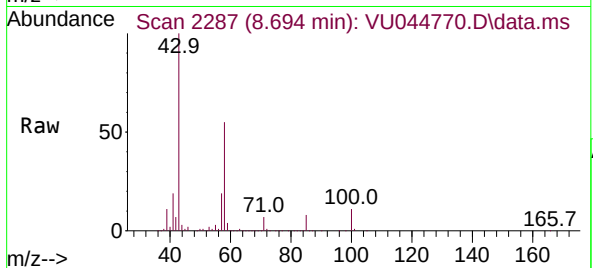
Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.0	124.4
131	94.0	65.2	121.0
166	126.2	87.6	162.8



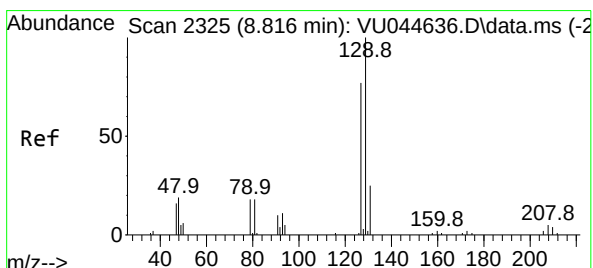
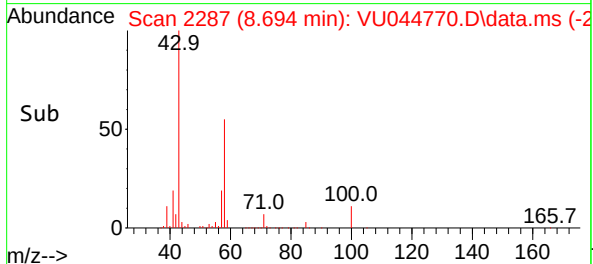
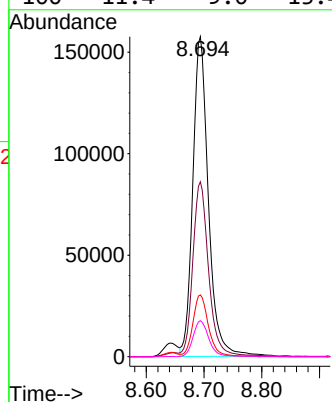


#48
2-Hexanone
Concen: 50.371 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Instrument :
MSVOA_U
ClientSampleId :

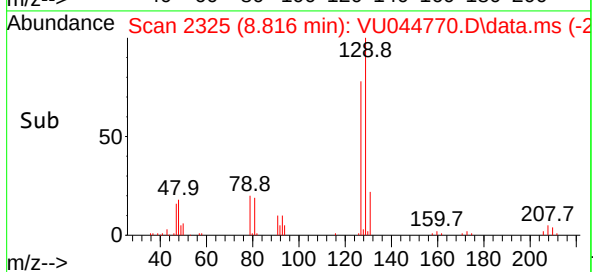
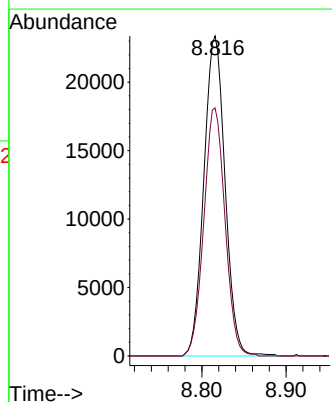
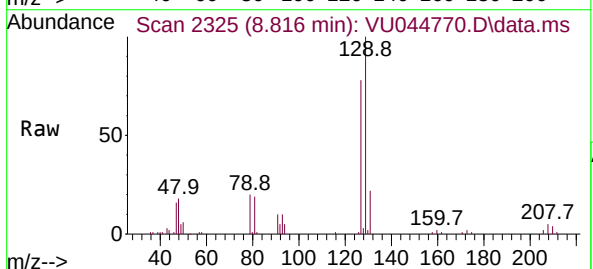


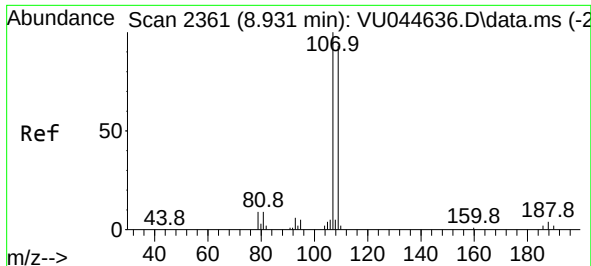
Tgt Ion:	43	Resp:	295354
Ion Ratio	100		
Lower	55.5	44.6	66.8
Upper	19.6	14.8	22.2
	100	11.4	9.0



#49
Dibromochloromethane
Concen: 5.418 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:	129	Resp:	40959
Ion Ratio	100		
Lower	77.5	53.3	99.1
Upper			





#50

1,2-Dibromoethane

Concen: 5.151 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU044770.D

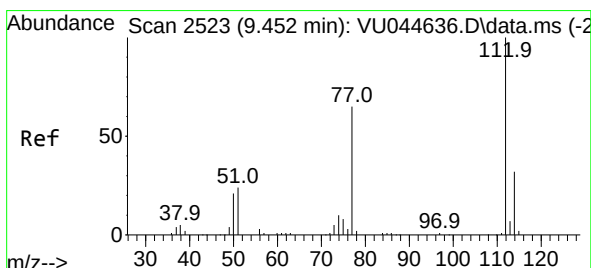
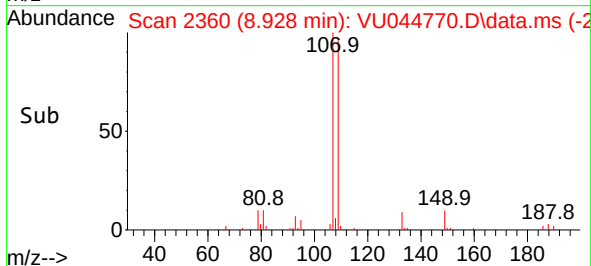
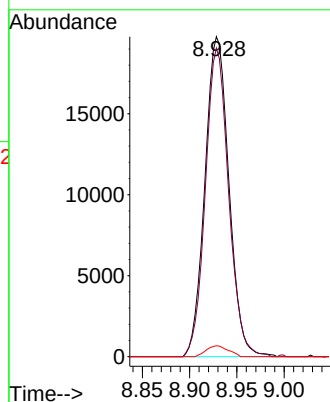
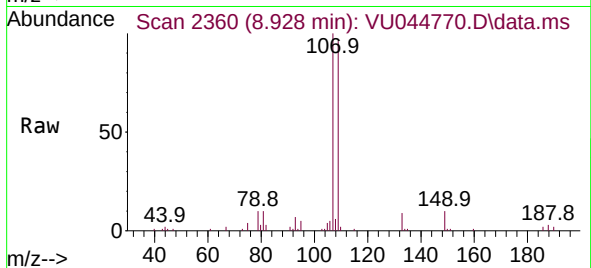
Acq: 22 Sep 2021 19:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	34897
Ion Ratio	Lower	Upper	
107	100		
109	96.4	65.5	121.7
188	3.4	3.0	4.4



#51

Chlorobenzene

Concen: 5.168 ug/L

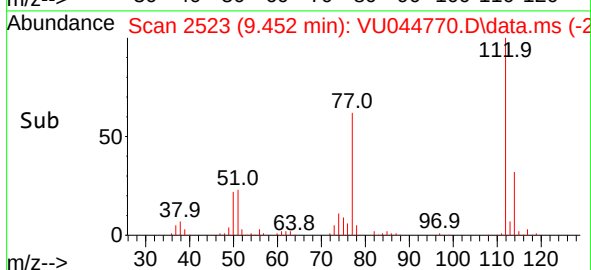
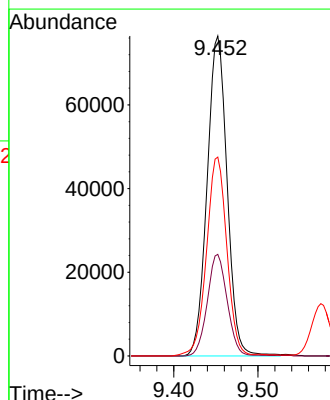
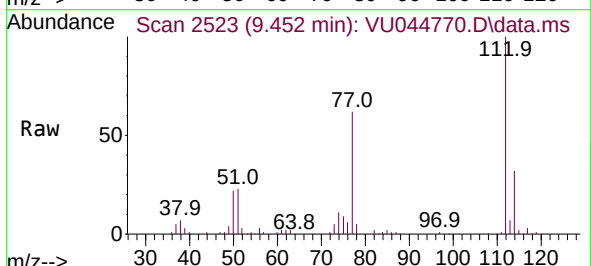
RT: 9.452 min Scan# 2523

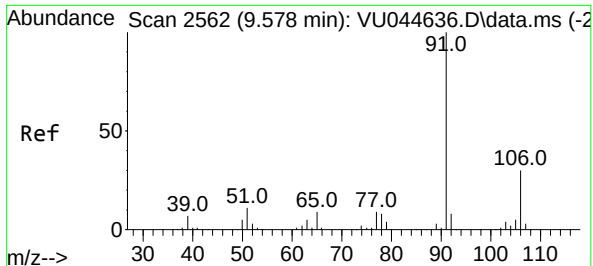
Delta R.T. 0.000 min

Lab File: VU044770.D

Acq: 22 Sep 2021 19:52

Tgt Ion:	112	Resp:	126396
Ion Ratio	Lower	Upper	
112	100		
114	31.8	22.8	42.4
77	62.2	51.4	77.0





#52

Ethylbenzene

Concen: 5.001 ug/L

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044770.D

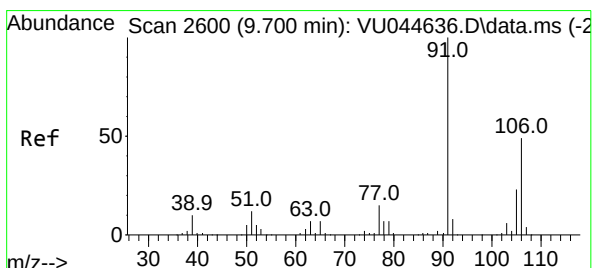
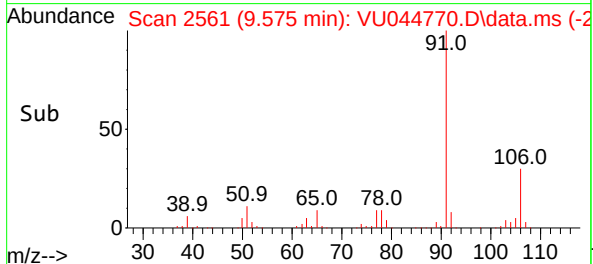
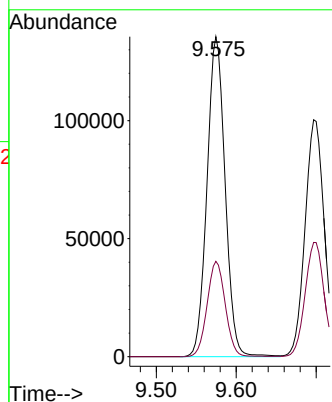
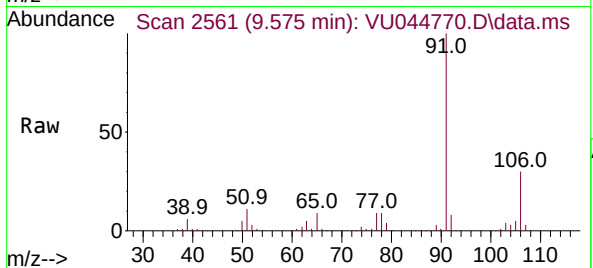
Acq: 22 Sep 2021 19:52

Tgt Ion: 91 Resp: 213684

Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.1



#53

m,p-Xylene

Concen: 4.972 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.003 min

Lab File: VU044770.D

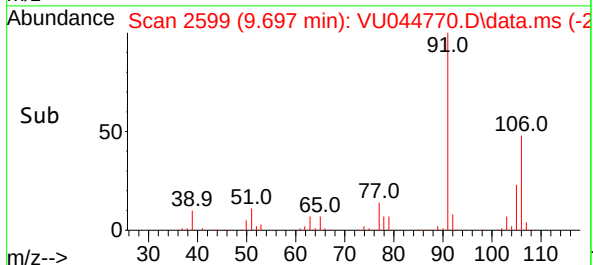
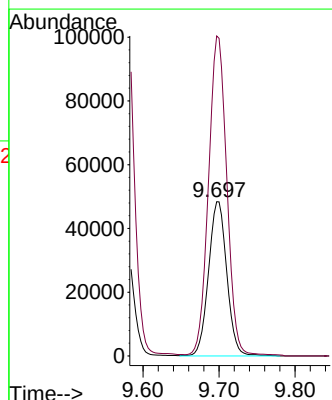
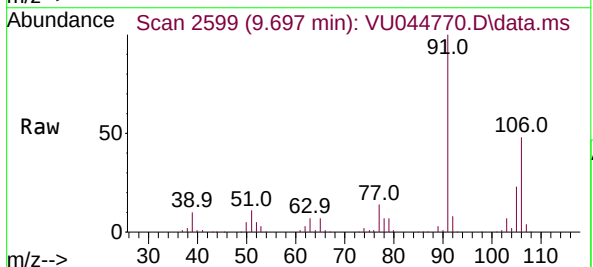
Acq: 22 Sep 2021 19:52

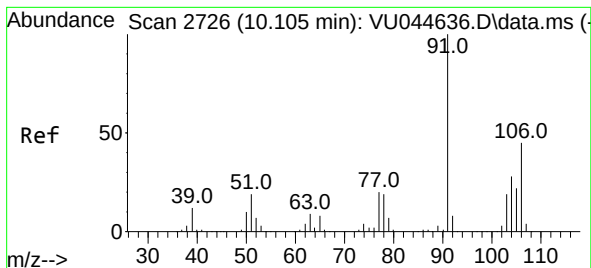
Tgt Ion:106 Resp: 80787

Ion Ratio Lower Upper

106 100

91 207.4 144.6 268.6





#54

o-Xylene

Concen: 5.120 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU044770.D

Acq: 22 Sep 2021 19:52

Tgt Ion:106 Resp: 79460

Ion Ratio Lower Upper

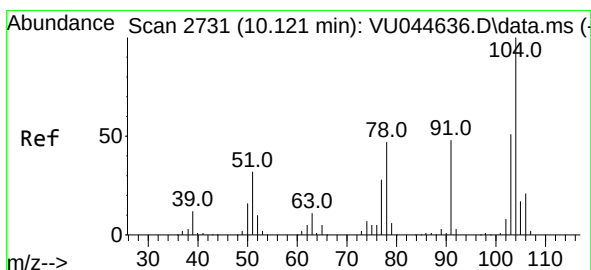
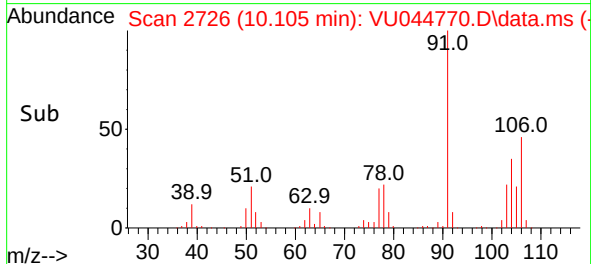
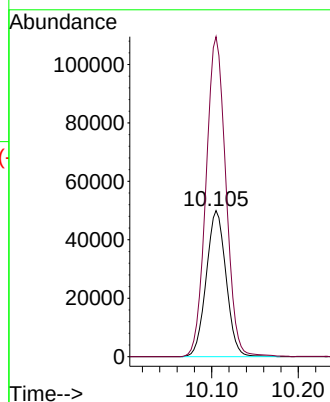
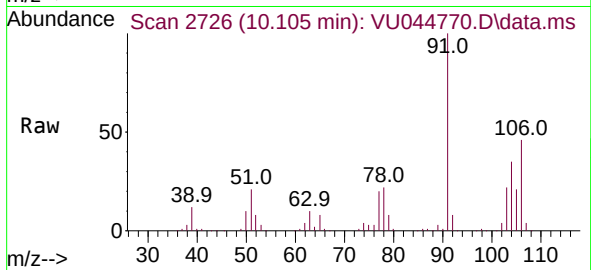
106 100

91 218.9 156.2 290.0

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 5.168 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.003 min

Lab File: VU044770.D

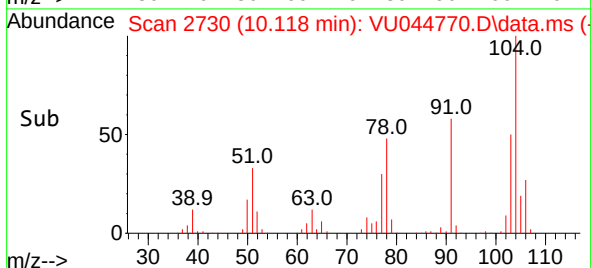
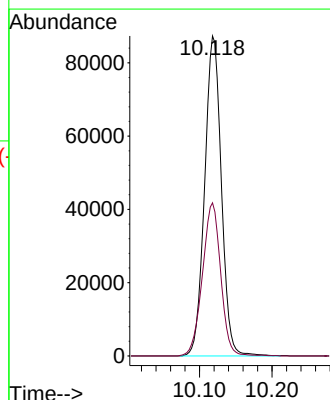
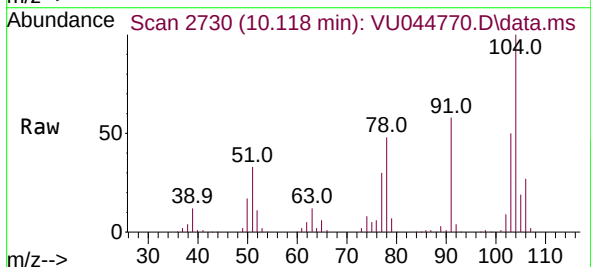
Acq: 22 Sep 2021 19:52

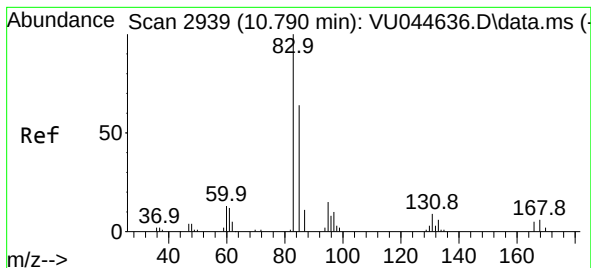
Tgt Ion:104 Resp: 140398

Ion Ratio Lower Upper

104 100

78 47.8 33.6 62.4



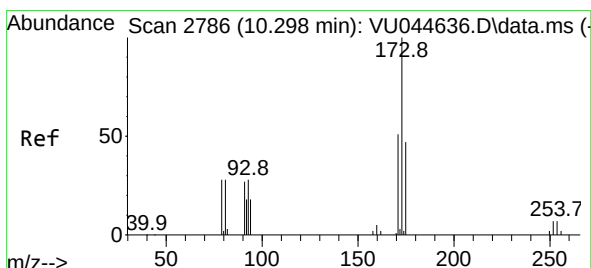
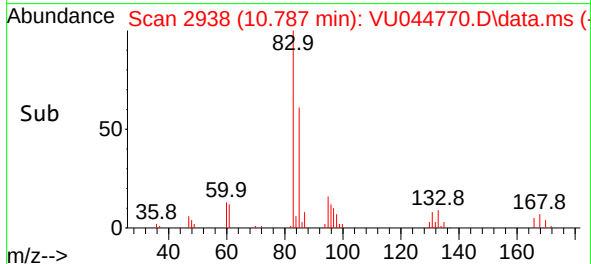
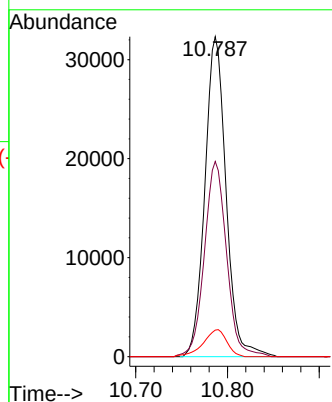
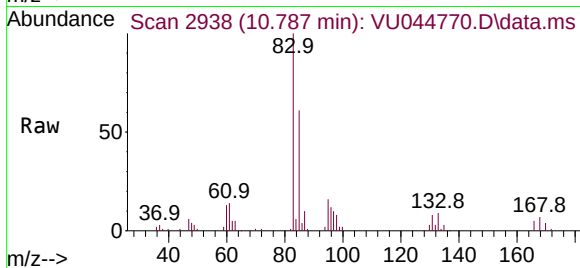


#57

1,1,2,2-Tetrachloroethane
Concen: 5.375 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:	83	Resp:	51930
Ion	Ratio	Lower	Upper
83	100		
85	61.0	44.5	82.7
131	8.3	6.6	10.0

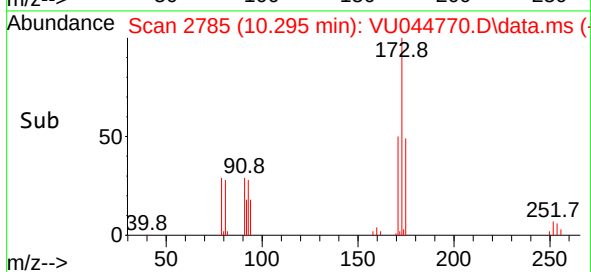
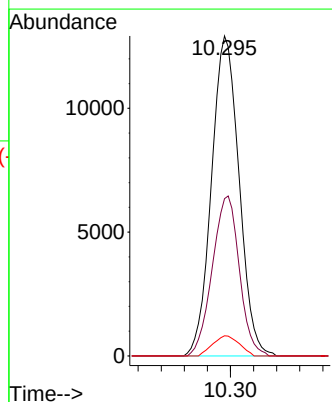
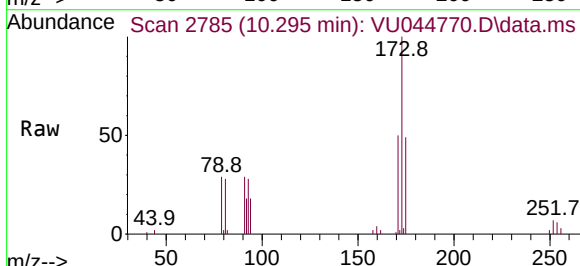
Instrument :
MSVOA_U
ClientSampleId :

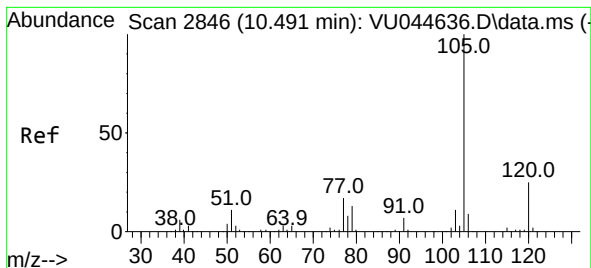


#59

Bromoform
Concen: 5.161 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:	173	Resp:	21390
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.8	58.2
254	6.1	4.9	7.3





#60

Isopropylbenzene

Concen: 5.033 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU044770.D

Acq: 22 Sep 2021 19:52

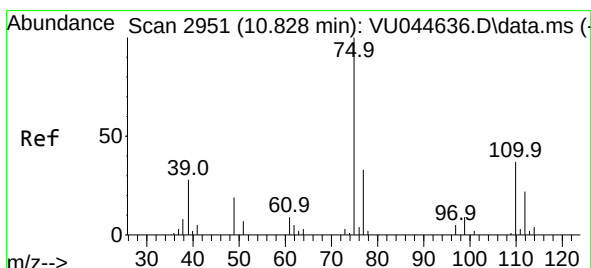
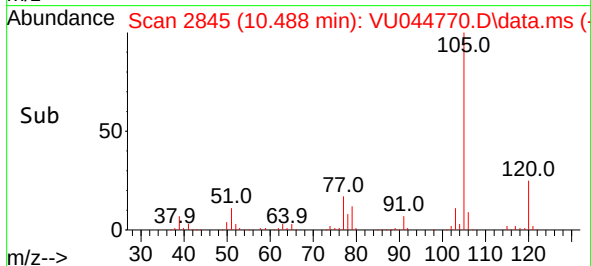
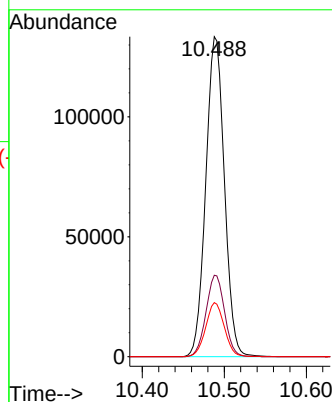
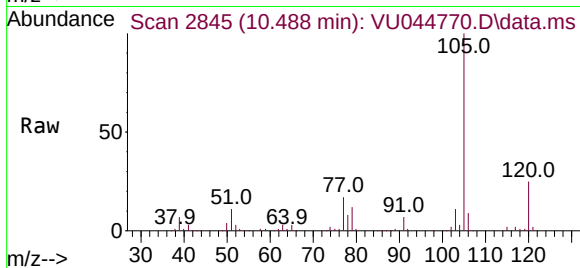
Tgt Ion:105 Resp: 210084

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 5.228 ug/L

RT: 10.829 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU044770.D

Acq: 22 Sep 2021 19:52

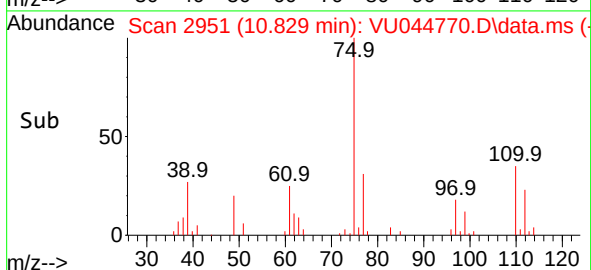
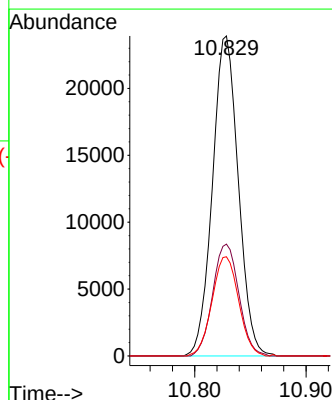
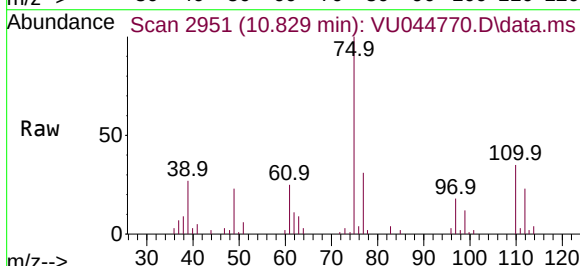
Tgt Ion: 75 Resp: 38522

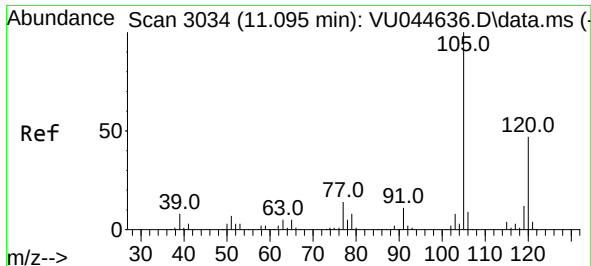
Ion Ratio Lower Upper

75 100

110 35.4 28.8 43.2

77 31.9 25.9 38.9

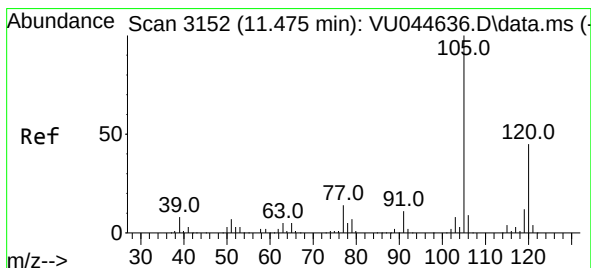
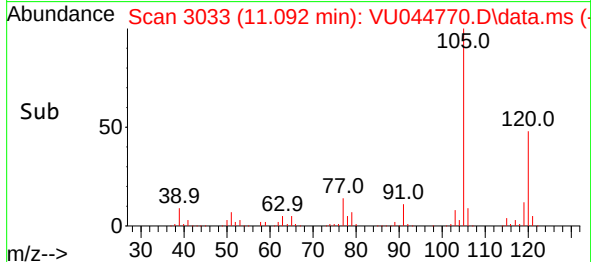
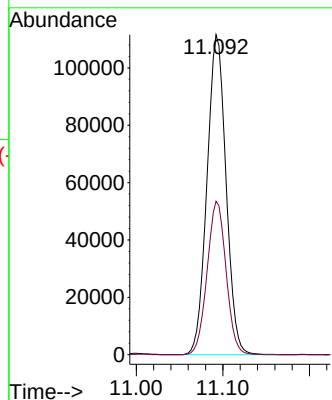
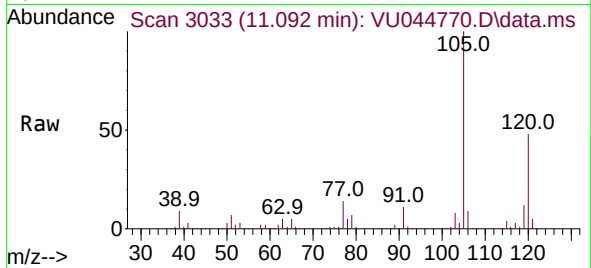




#62
1,3,5-Trimethylbenzene
Concen: 4.904 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

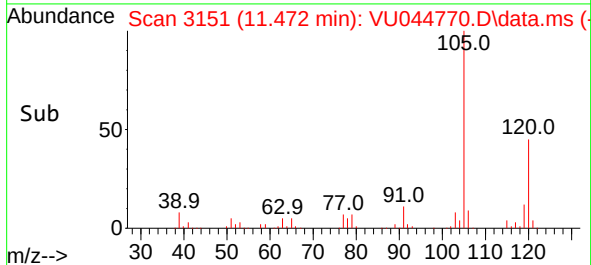
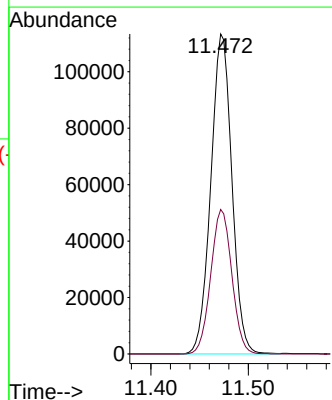
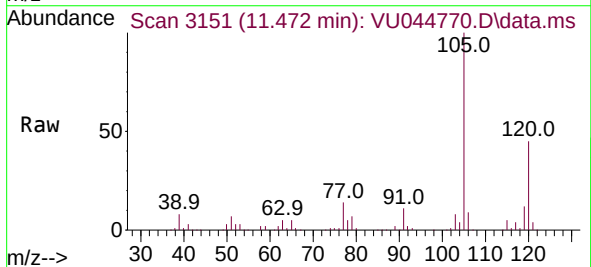
Tgt Ion:105 Resp: 169996
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2

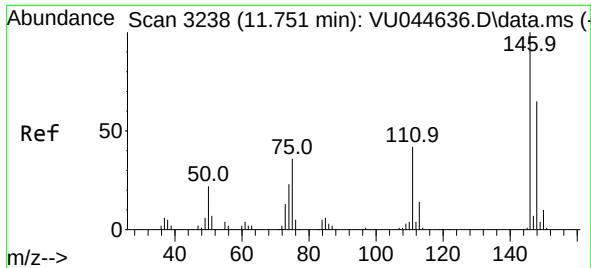
Instrument :
MSVOA_U
ClientSampleId :



#63
1,2,4-Trimethylbenzene
Concen: 4.791 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:105 Resp: 170572
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.2

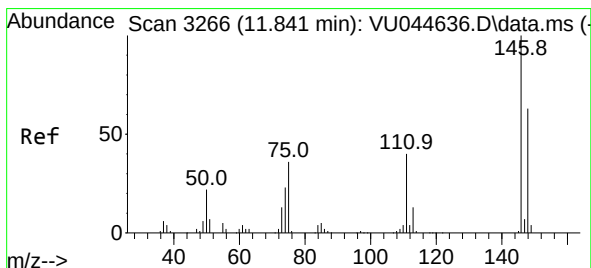
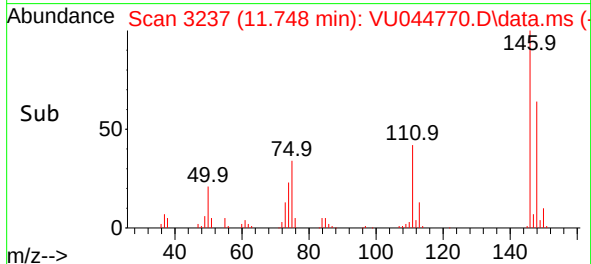
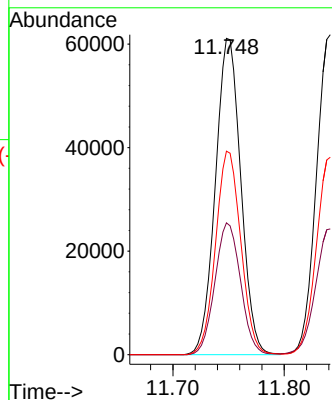
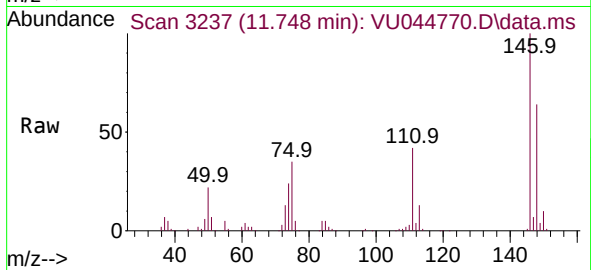




#64
1,3-Dichlorobenzene
Concen: 4.984 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

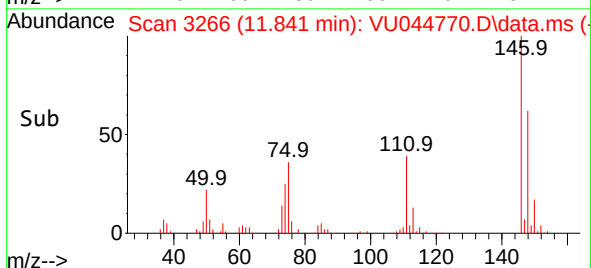
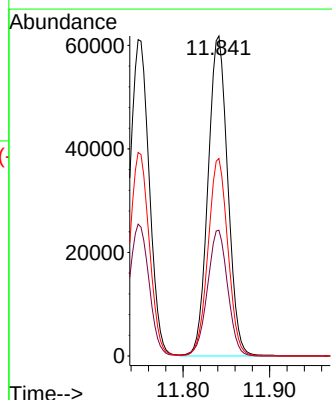
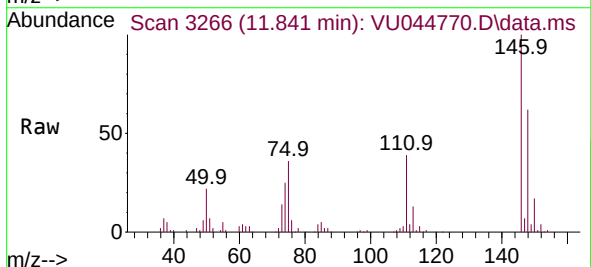
Instrument :
MSVOA_U
ClientSampleId :

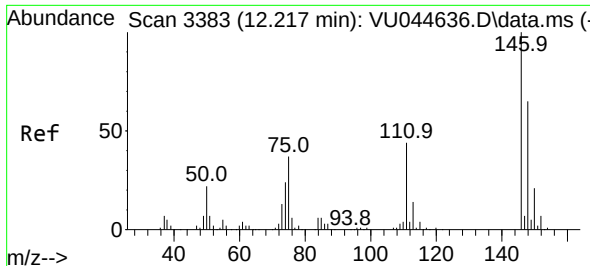
Tgt Ion:146 Resp: 96999
Ion Ratio Lower Upper
146 100
111 41.7 29.8 55.4
148 64.3 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.873 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:146 Resp: 97847
Ion Ratio Lower Upper
146 100
111 39.3 28.7 53.3
148 61.7 45.4 84.4

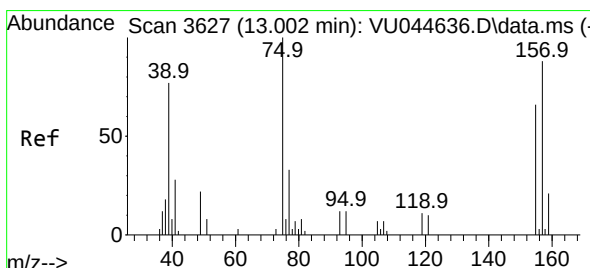
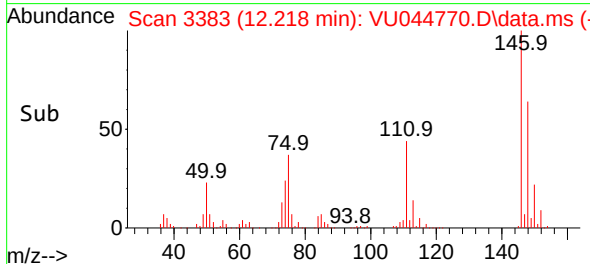
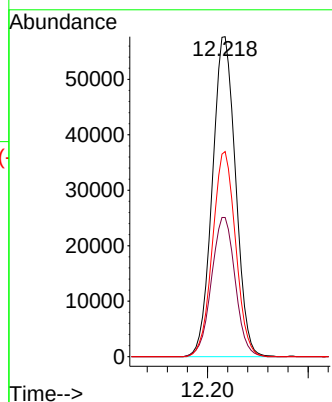
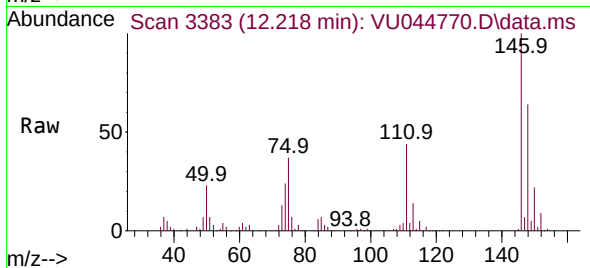




#67
1,2-Dichlorobenzene
Concen: 5.010 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

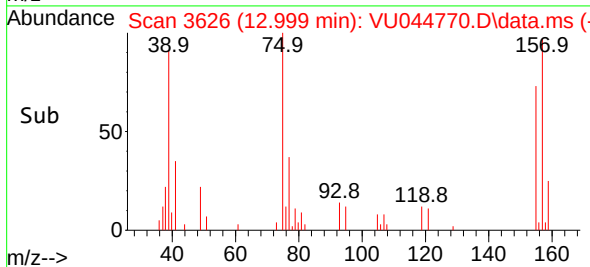
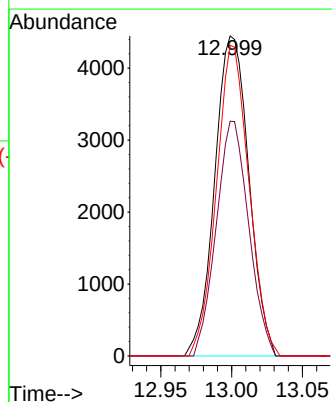
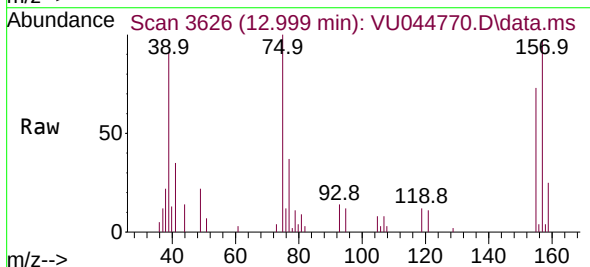
Instrument :
MSVOA_U
ClientSampled :

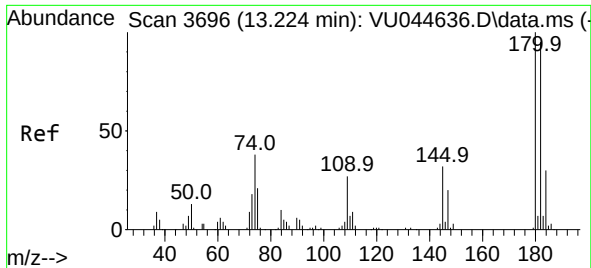
Tgt Ion:146 Resp: 92563
Ion Ratio Lower Upper
146 100
111 43.5 34.6 51.8
148 64.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.603 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion: 75 Resp: 7460
Ion Ratio Lower Upper
75 100
155 73.3 54.0 81.0
157 97.0 65.4 98.2

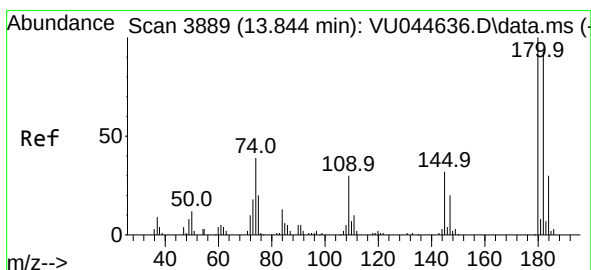
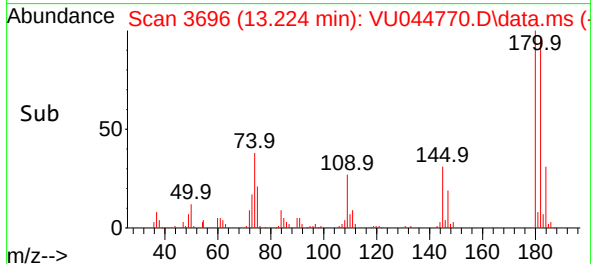
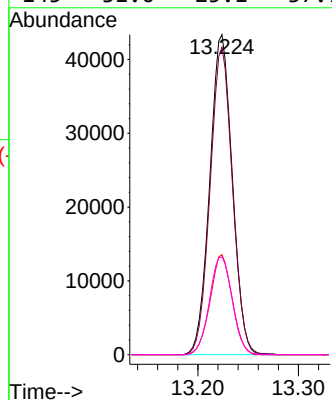
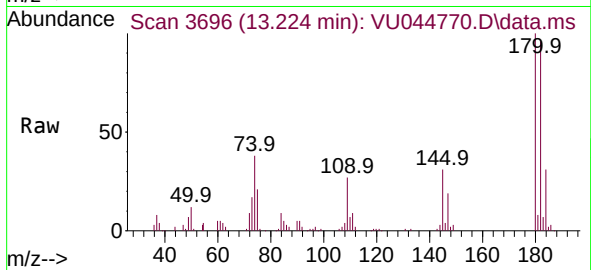




#69
 1,3,5-Trichlorobenzene
 Concen: 4.560 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044770.D
 Acq: 22 Sep 2021 19:52

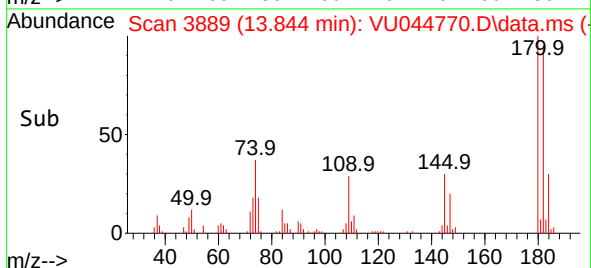
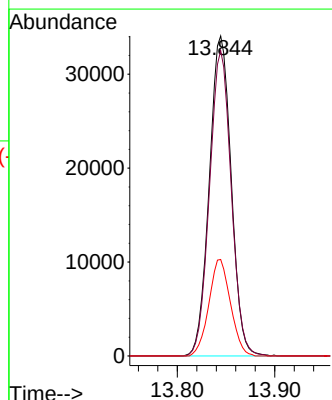
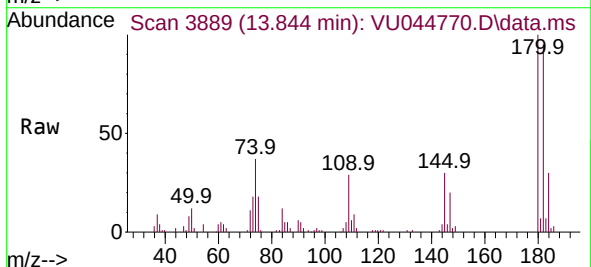
Instrument :
 MSVOA_U
 ClientSampleId :

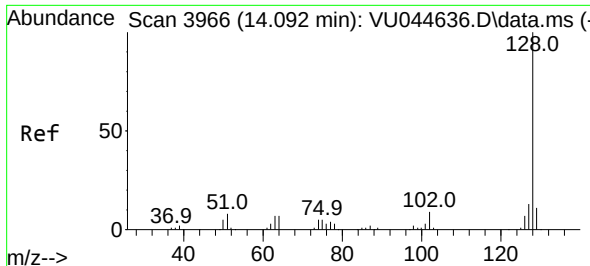
Tgt Ion:180 Resp: 67470
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.9 115.3
 184 30.7 24.1 36.1
 145 31.0 25.1 37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.256 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044770.D
 Acq: 22 Sep 2021 19:52

Tgt Ion:180 Resp: 53114
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.0
 145 29.8 25.2 37.8

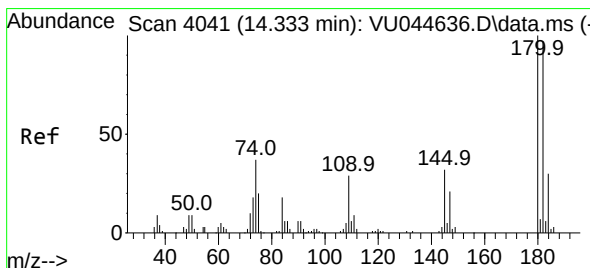
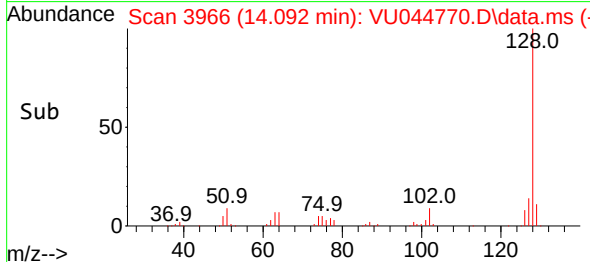
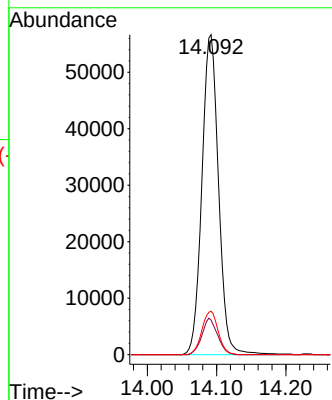
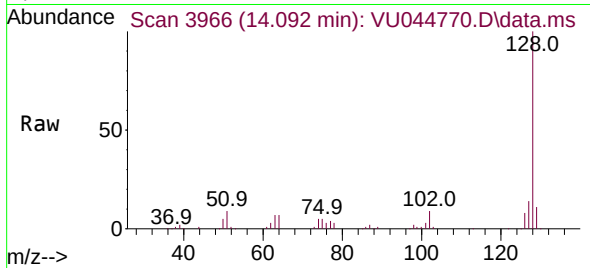




#71
Naphthalene
Concen: 3.871 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 94257
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.432 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044770.D
Acq: 22 Sep 2021 19:52

Tgt Ion:180 Resp: 50917
Ion Ratio Lower Upper
180 100
182 94.5 75.9 113.9
145 33.5 27.0 40.6

