

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042770.D
 Acq On : 24 Mar 2021 16:52
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Quant Time: Mar 25 05:44:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	127582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	195750	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	184829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	97565	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	5.301	113	69200	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	7.906	98	244553	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	10.639	95	90154	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	366	0.24	ug/l #	65
3) Chloromethane	1.520	50	742	0.46	ug/l	98
4) Vinyl Chloride	1.610	62	377	0.26	ug/l	95
5) Bromomethane	1.861	94	803	Below	Cal	95
6) Chloroethane	1.948	64	44	Below	Cal #	43
10) Methyl Iodide	2.736	142	1260	0.76	ug/l #	89
11) Tert butyl alcohol	3.231	59	138	0.32	ug/l #	74
12) 1,1-Dichloroethene	2.584	96	291	0.25	ug/l	97
13) Acrolein	2.498	56	117	Below	Cal	86
14) Allyl chloride	2.932	41	537	0.21	ug/l #	67
15) Acrylonitrile	3.337	53	1392	1.40	ug/l #	95
16) Acetone	2.639	43	1821	Below	Cal #	87
17) Carbon Disulfide	2.800	76	4890	1.49	ug/l	99
18) Methyl Acetate	2.961	43	751	0.32	ug/l #	56
20) Methylene Chloride	3.057	84	623	0.43	ug/l #	89
21) trans-1,2-Dichloroethene	3.362	96	973	0.75	ug/l #	77
23) Vinyl Acetate	3.973	43	1713	0.36	ug/l #	76
25) 2-Butanone	4.732	43	1304	0.79	ug/l	96
27) cis-1,2-Dichloroethene	4.674	96	372	0.25	ug/l	83
29) Tetrahydrofuran	5.076	42	893	0.87	ug/l #	83
31) Cyclohexane	5.378	56	3748	1.48	ug/l #	47
36) 1,1-Dichloropropene	5.536	75	603	0.31	ug/l #	43
38) Carbon Tetrachloride	5.385	117	12896	5.84	ug/l #	17
42) 1,2-Dichloroethane	5.800	62	498	0.20	ug/l #	80
44) Trichloroethene	6.555	130	526	0.35	ug/l	95
49) 1,4-Dioxane	7.002	88	131	Below	Cal #	55
51) 4-Methyl-2-Pentanone	7.806	43	5013	1.58	ug/l	100
56) Ethyl methacrylate	8.340	69	623	0.27	ug/l #	88
59) 2-Hexanone	8.700	43	5770	2.29	ug/l	99
64) Tetrachloroethene	8.562	164	447	0.30	ug/l #	90
65) Chlorobenzene	9.455	112	1137	0.30	ug/l	91
67) Ethyl Benzene	9.578	91	1641	0.24	ug/l	92
68) m/p-Xylenes	9.703	106	1308	0.53	ug/l	98
69) o-Xylene	10.111	106	484	0.20	ug/l	91
70) Styrene	10.124	104	1200	0.30	ug/l #	90
71) Bromoform	10.301	173	329	0.23	ug/l #	65
73) Isopropylbenzene	10.494	105	1868	0.32	ug/l	99

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

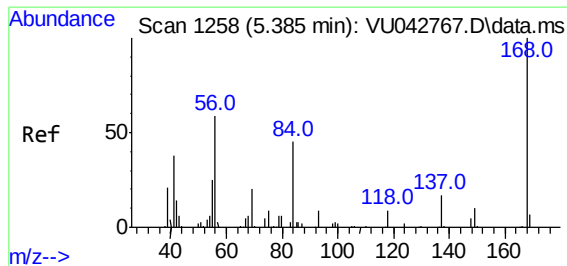
Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Quant Time: Mar 25 05:44:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

74) N-amyl acetate	10.330	43	2225	0.67	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.787	83	701	0.29	ug/l #	77
76) 1,2,3-Trichloropropane	10.639	75	51261	21.77	ug/l #	37
77) Bromobenzene	10.787	156	850	0.53	ug/l	97
78) n-propylbenzene	10.912	91	3049	0.44	ug/l	99
79) 2-Chlorotoluene	10.992	91	1702	0.41	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	1543	0.30	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.639	75	51261	64.51	ug/l #	6
82) 4-Chlorotoluene	11.105	91	2479	0.50	ug/l	99
83) tert-Butylbenzene	11.426	119	1869	0.38	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	1981	0.39	ug/l	95
85) sec-Butylbenzene	11.652	105	2465	0.43	ug/l	94
86) p-Isopropyltoluene	11.799	119	2640	0.50	ug/l	97
87) 1,3-Dichlorobenzene	11.754	146	2363	0.82	ug/l	91
88) 1,4-Dichlorobenzene	11.754	146	2363	0.79	ug/l	91
89) n-Butylbenzene	12.217	91	3846	0.77	ug/l	93
91) 1,2-Dichlorobenzene	12.221	146	2210	0.75	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	693	1.09	ug/l	89
93) 1,2,4-Trichlorobenzene	13.851	180	4462	2.37	ug/l	95
94) Hexachlorobutadiene	14.028	225	1071	0.97	ug/l	95
95) Naphthalene	14.095	128	24786	6.32	ug/l	98
96) 1,2,3-Trichlorobenzene	14.340	180	5609	2.95	ug/l	98

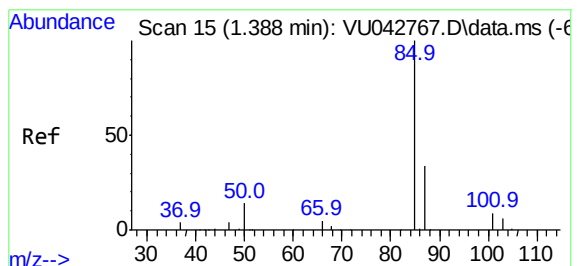
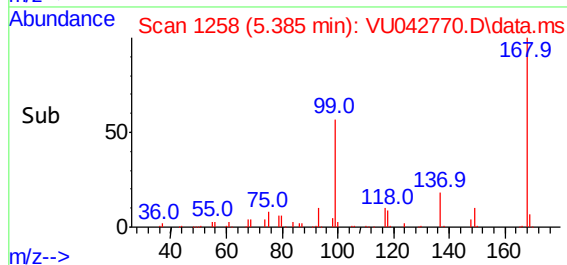
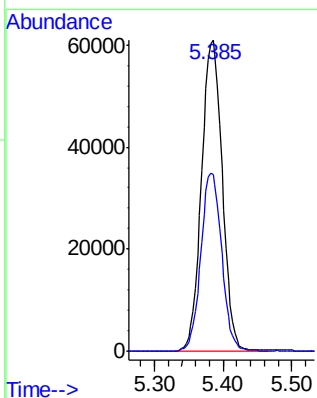
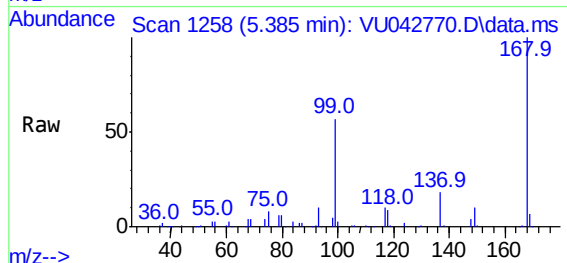
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

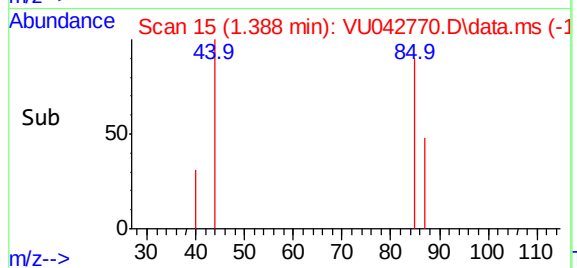
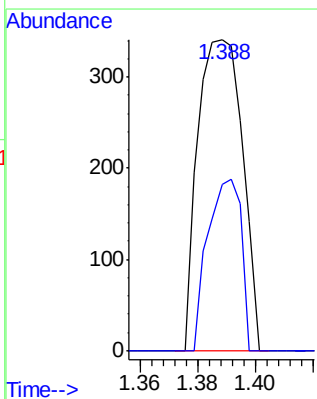
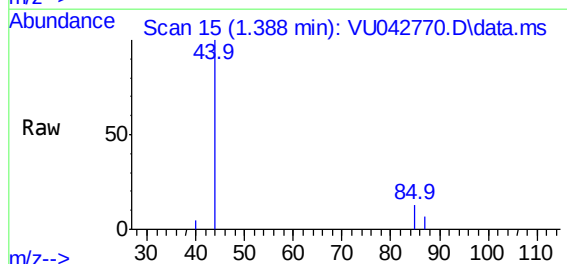
Instrument :
MSVOA_U
ClientSampled :
IBLK

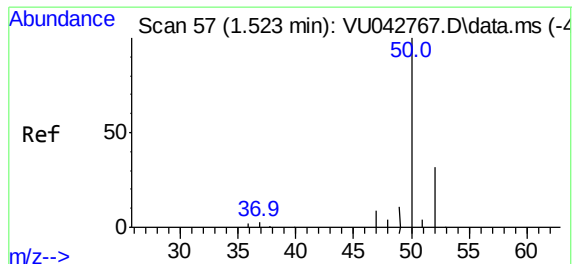
Tgt Ion:168 Resp: 127582
Ion Ratio Lower Upper
168 100
99 56.7 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.24 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 85 Resp: 366
Ion Ratio Lower Upper
85 100
87 53.4 16.8 50.3#

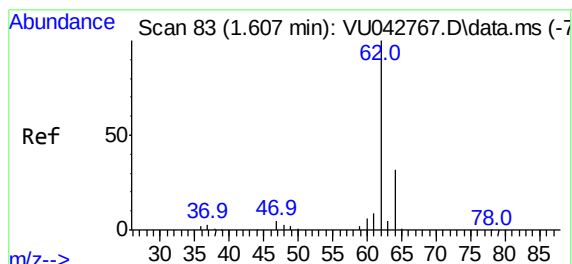
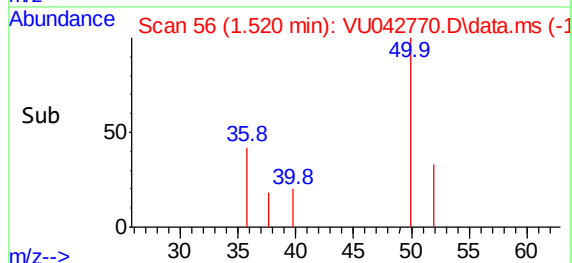
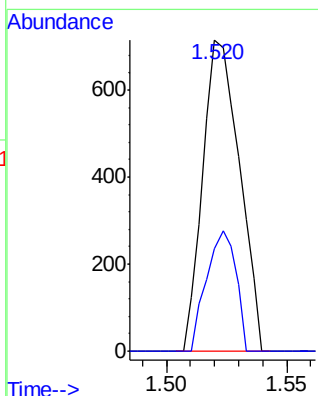
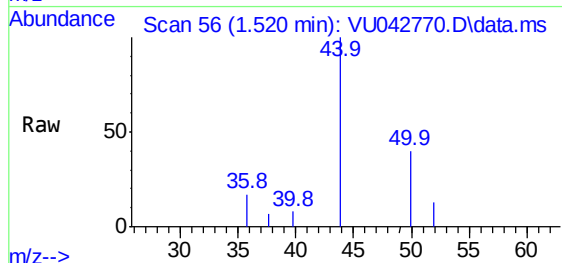




#3
Chloromethane
Concen: 0.46 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

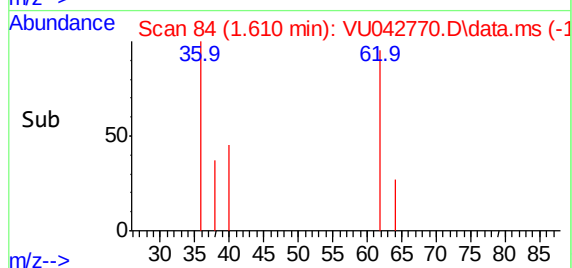
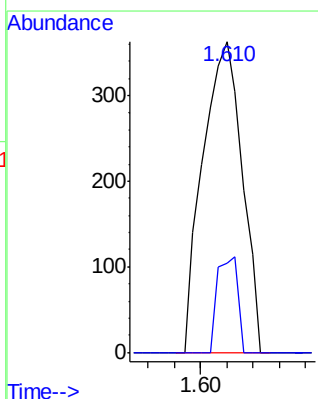
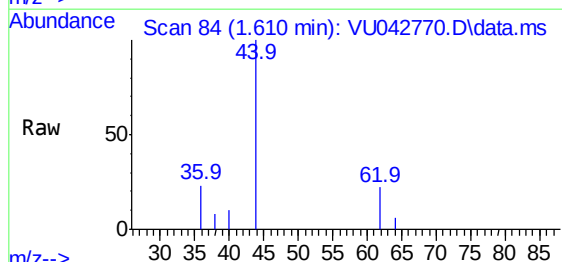
Instrument :
MSVOA_U
ClientSampleId :
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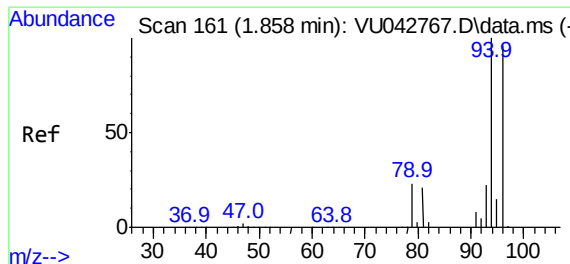
Tgt Ion: 50 Resp: 742
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0



#4
Vinyl Chloride
Concen: 0.26 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 62 Resp: 377
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.0

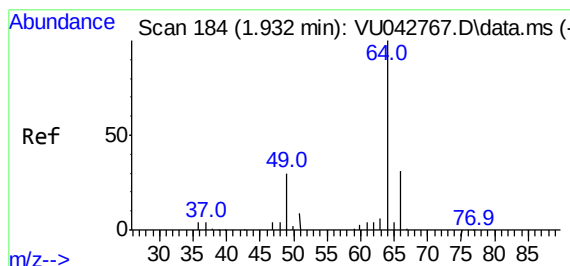
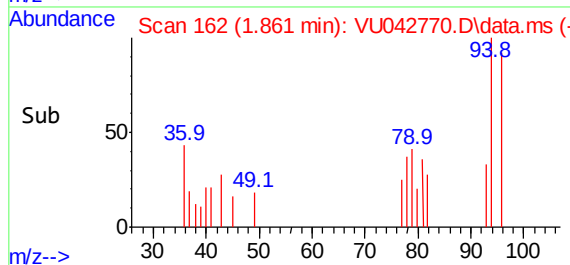
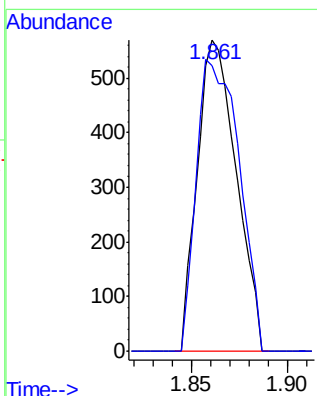
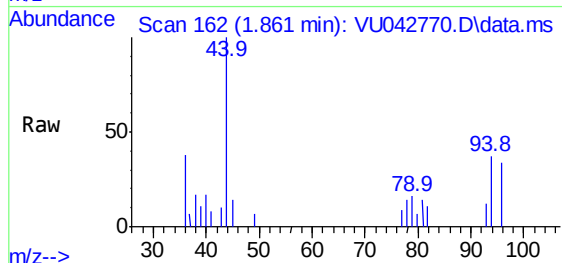




#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

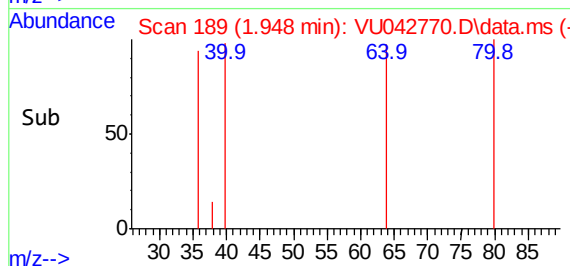
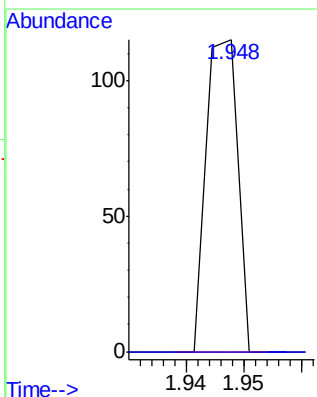
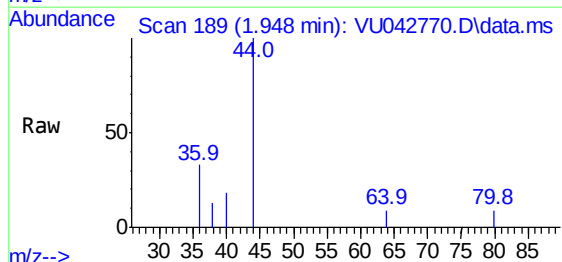
Instrument :
MSVOA_U
ClientSampled :
IBLK

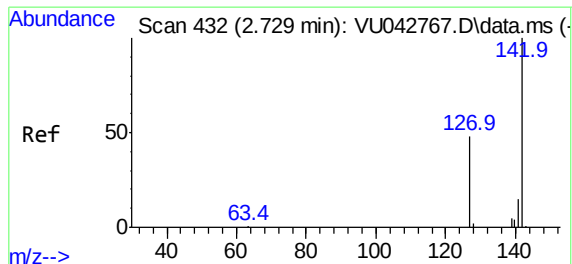
Tgt Ion: 94 Resp: 803
Ion Ratio Lower Upper
94 100
96 91.9 77.1 115.7



#6
Chloroethane
Concen: Below Cal
RT: 1.948 min Scan# 189
Delta R.T. 0.016 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

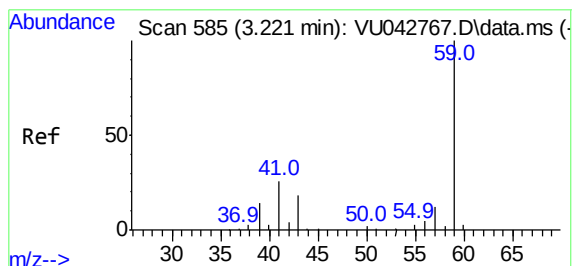
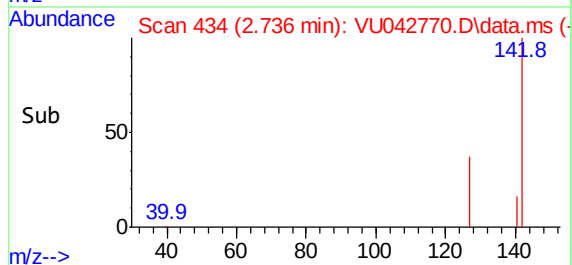
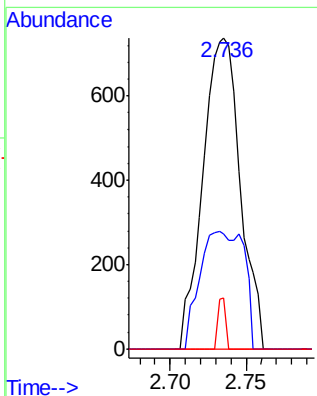
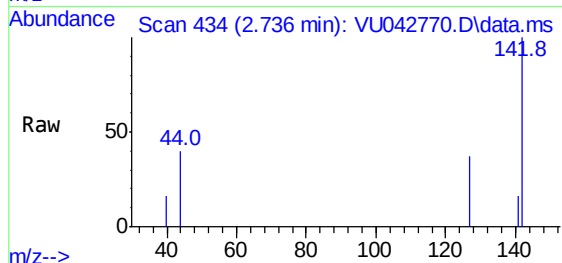




#10
Methyl Iodide
Concen: 0.76 ug/l
RT: 2.736 min Scan# 434
Delta R.T. 0.006 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

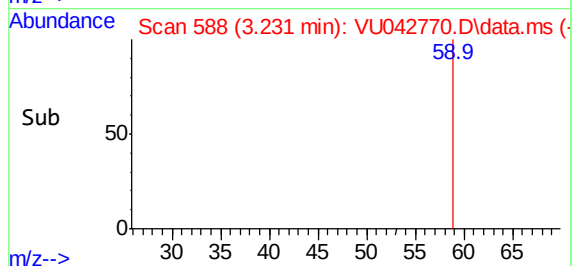
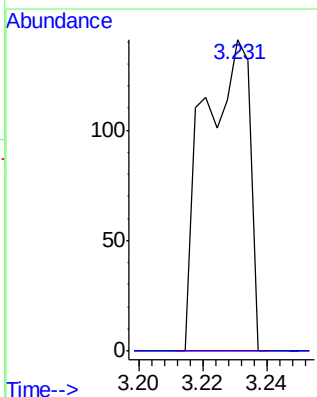
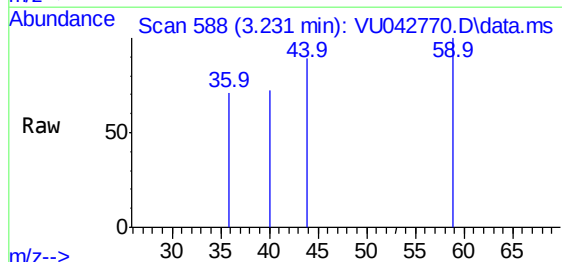
Instrument :
MSVOA_U
ClientSampled :
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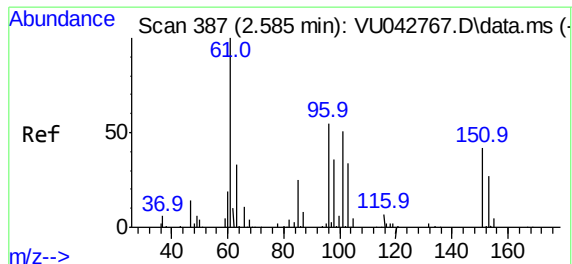
Tgt Ion:142 Resp: 1260
Ion Ratio Lower Upper
142 100
127 44.5 38.7 58.1
141 3.7 12.0 18.0#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.231 min Scan# 588
Delta R.T. 0.009 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

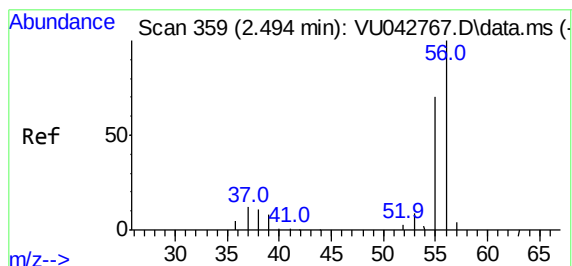
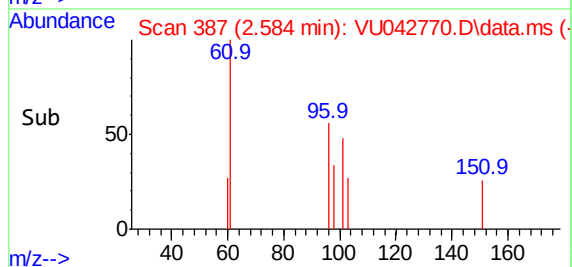
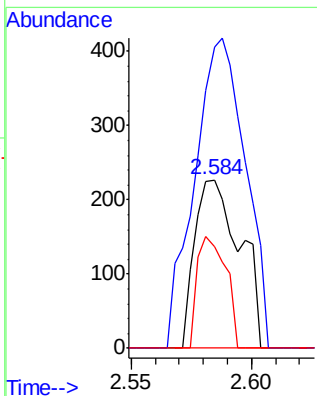
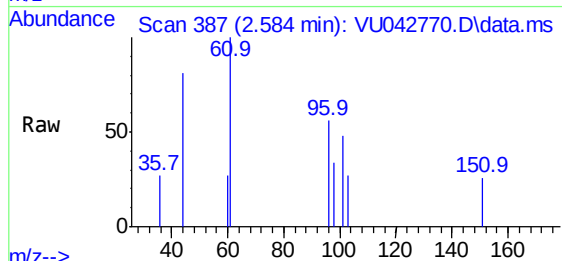




#12
1,1-Dichloroethene
Concen: 0.25 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

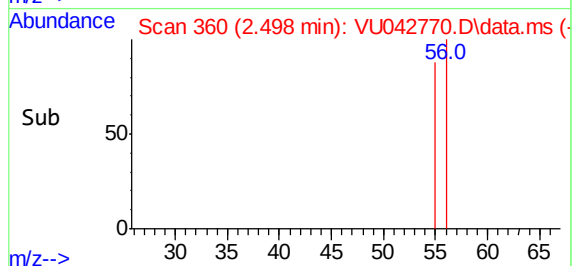
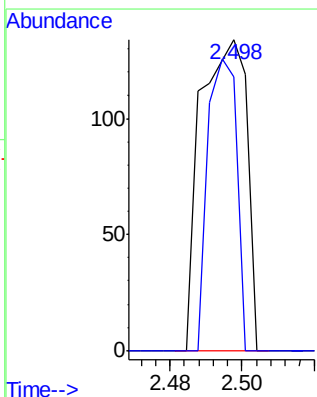
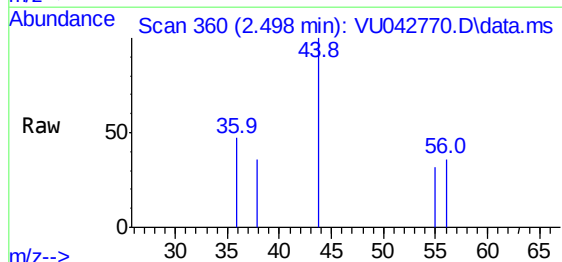
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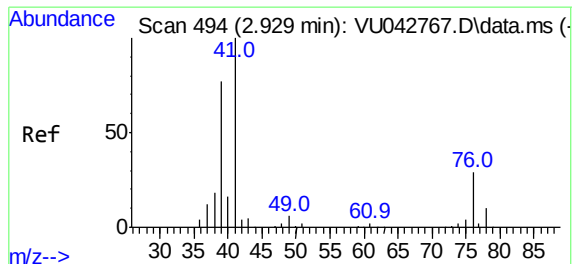
Tgt Ion: 96 Resp: 291
Ion Ratio Lower Upper
96 100
61 178.9 144.9 217.3
98 60.4 51.9 77.9



#13
Acrolein
Concen: Below Cal
RT: 2.498 min Scan# 360
Delta R.T. 0.004 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 58.1 55.8 83.8



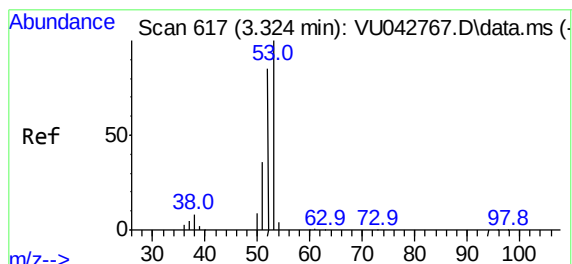
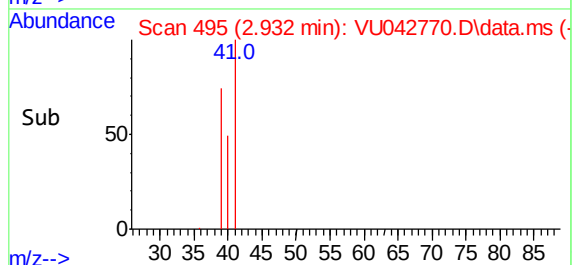
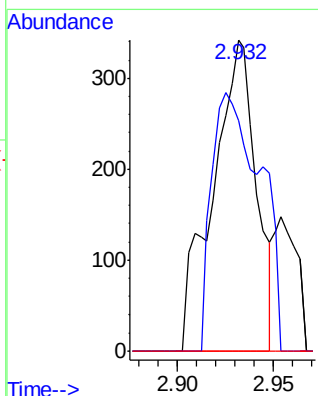
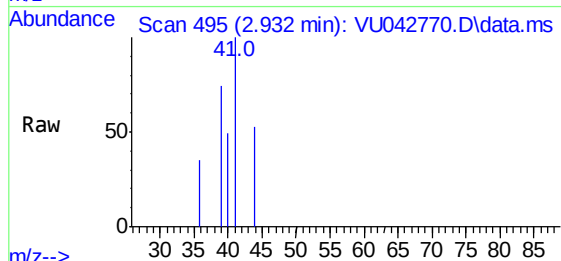


#14
 Allyl chloride
 Concen: 0.21 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.003 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Tgt Ion: 41 Resp: 537

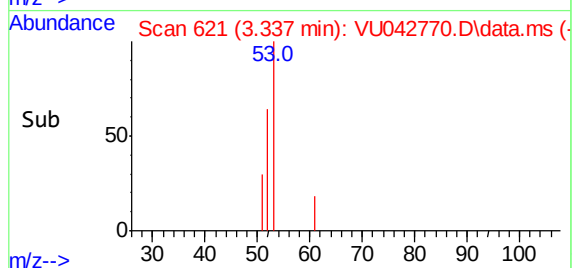
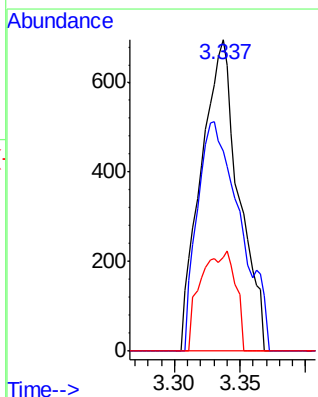
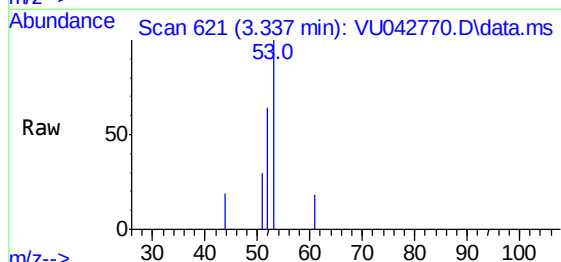
Ion	Ratio	Lower	Upper
41	100		
39	92.6	57.4	86.2#
76	0.0	22.0	33.0#

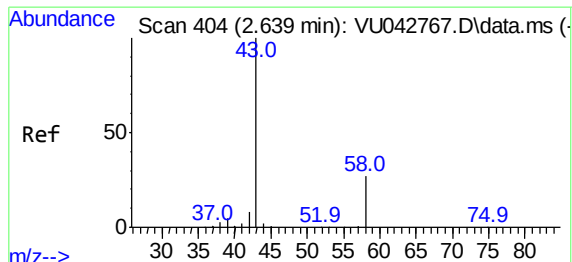


#15
 Acrylonitrile
 Concen: 1.40 ug/l
 RT: 3.337 min Scan# 621
 Delta R.T. 0.013 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion: 53 Resp: 1392

Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.4	101.0
51	29.2	29.8	44.6#

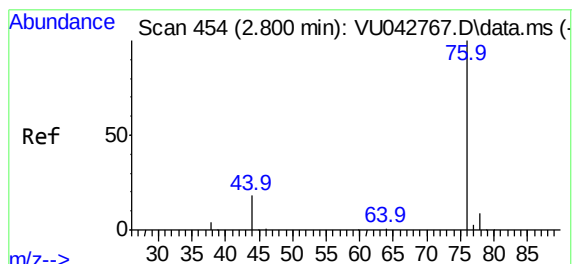
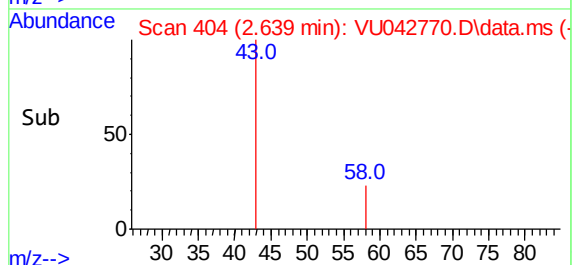
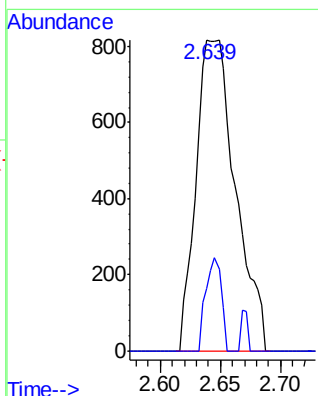
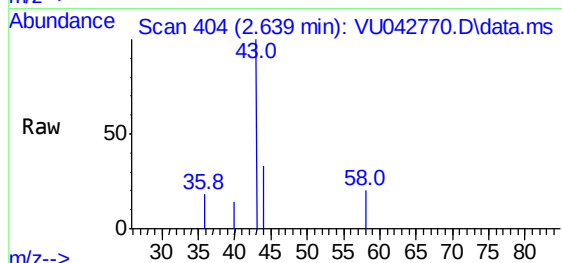




#16
Acetone
Concen: Below Cal
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

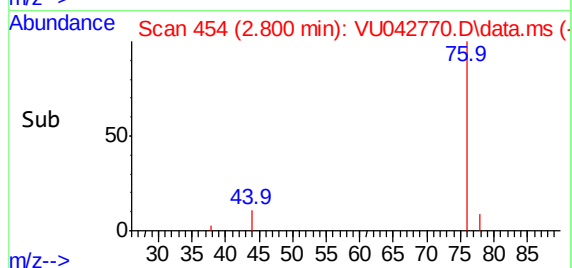
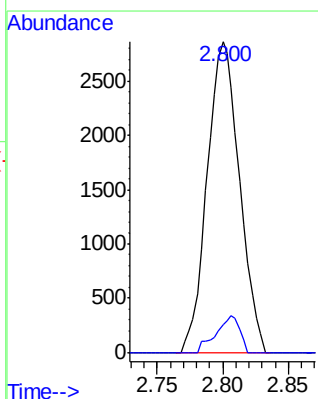
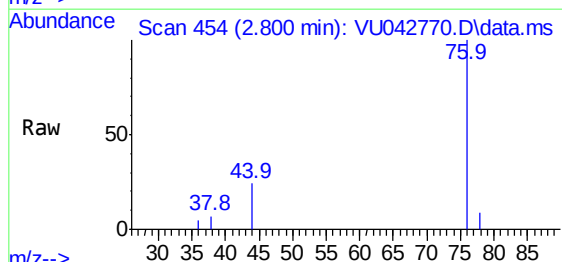
Instrument :
MSVOA_U
ClientSampled :
IBLK

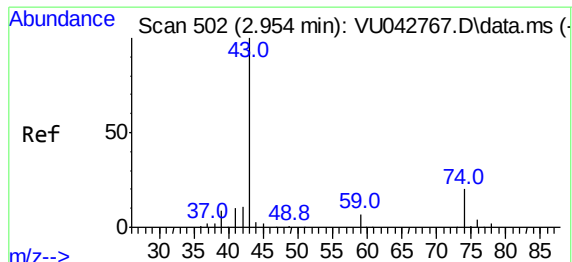
Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
58 20.1 21.6 32.4#



#17
Carbon Disulfide
Concen: 1.49 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 76 Resp: 4890
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

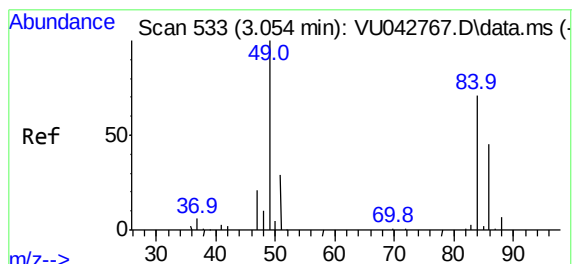
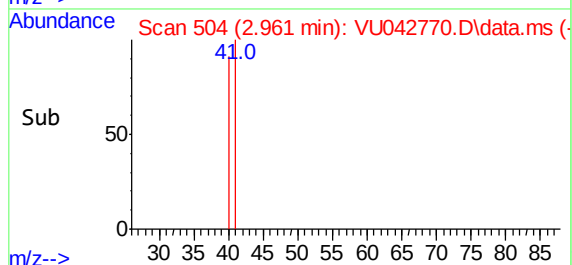
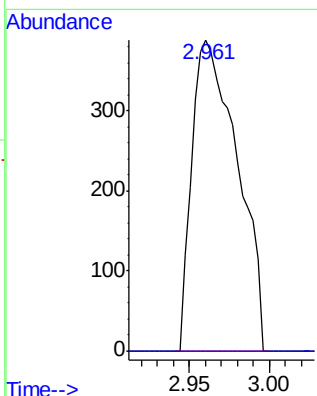
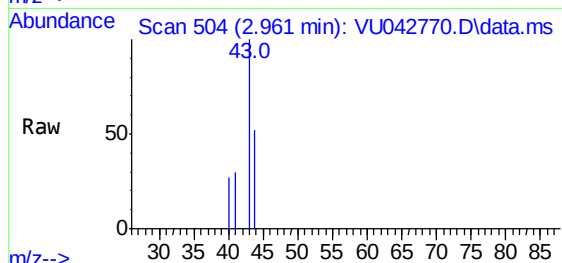




#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

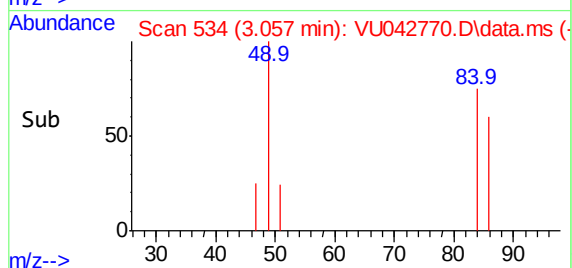
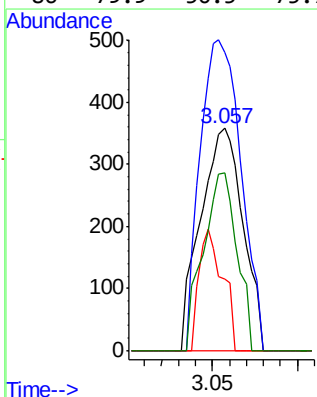
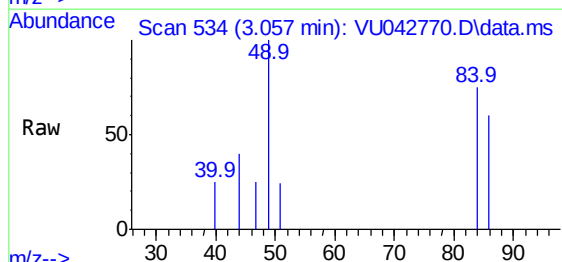
Instrument :
MSVOA_U
ClientSampleId :
IBLK

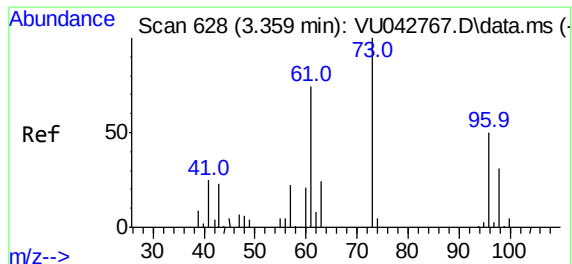
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 84 Resp: 623
Ion Ratio Lower Upper
84 100
49 134.1 113.0 169.4
51 32.1 32.9 49.3#
86 79.9 50.5 75.7#

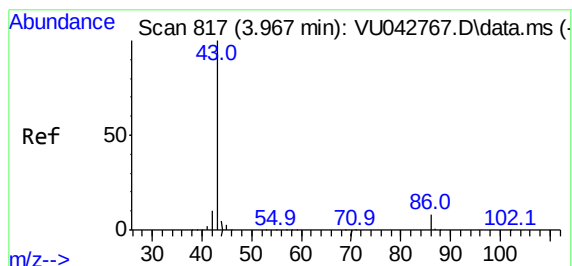
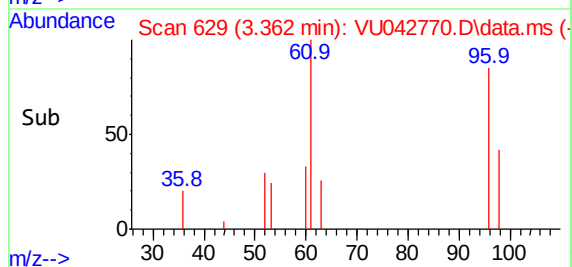
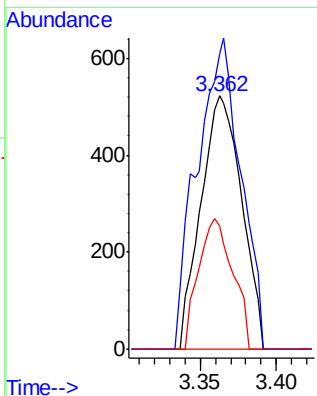
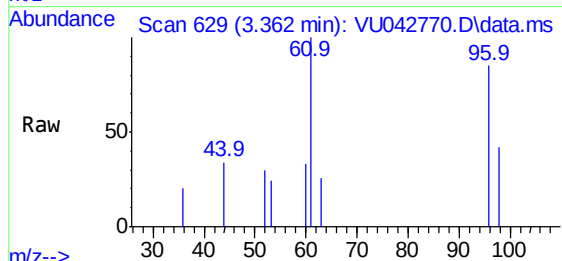




#21
trans-1,2-Dichloroethene
Concen: 0.75 ug/l
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

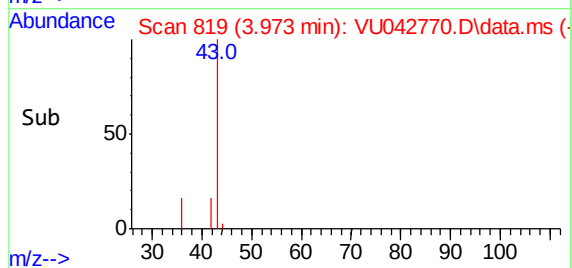
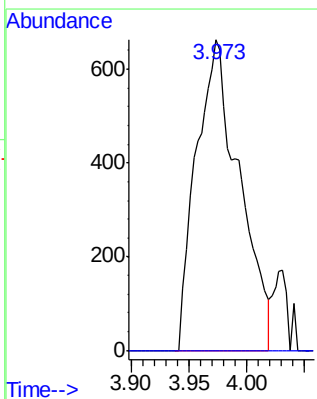
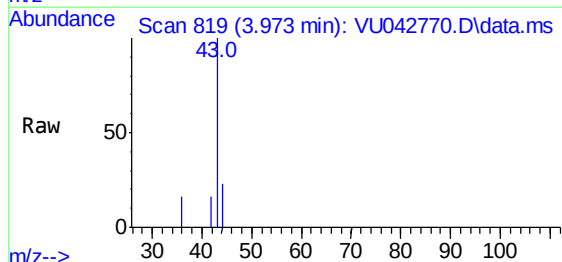
Instrument :
MSVOA_U
ClientSampled :
IBLK

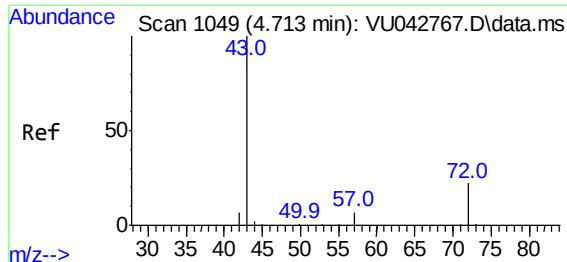
Tgt Ion: 96 Resp: 973
Ion Ratio Lower Upper
96 100
61 117.0 119.4 179.0#
98 48.7 50.3 75.5#



#23
Vinyl Acetate
Concen: 0.36 ug/l
RT: 3.973 min Scan# 819
Delta R.T. 0.006 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
86 0.0 6.7 10.1#

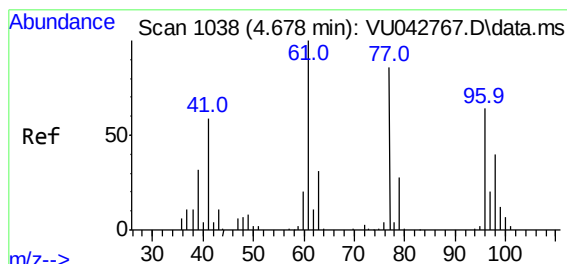
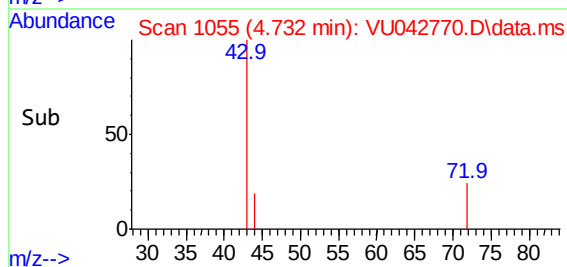
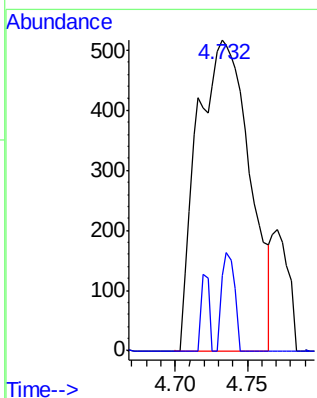
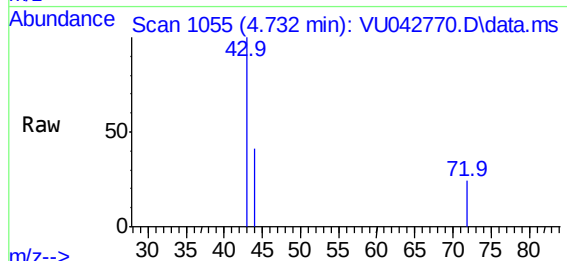




#25
2-Butanone
Concen: 0.79 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

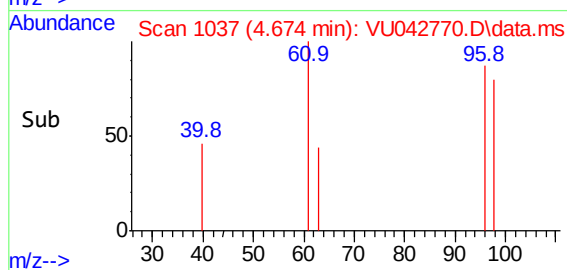
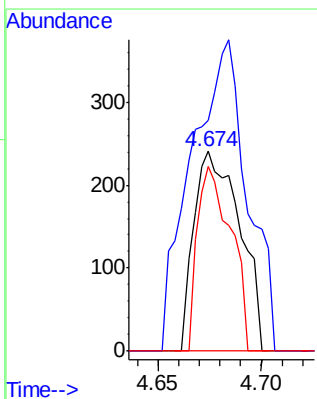
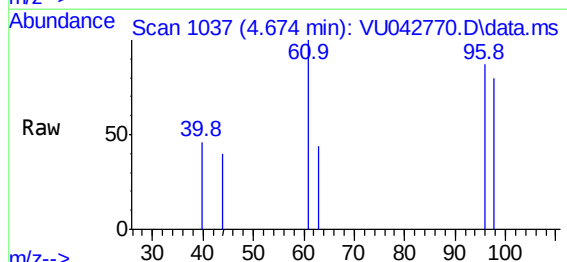
Instrument :
MSVOA_U
ClientSampleId :
IBLK

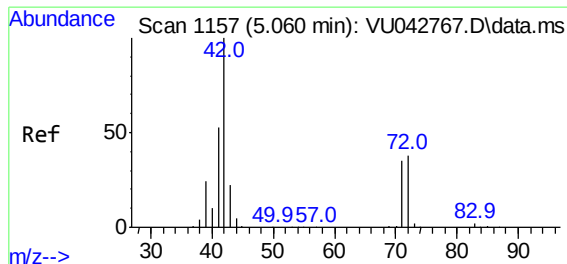
Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
72 24.2 17.7 26.5



#27
cis-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 96 Resp: 372
Ion Ratio Lower Upper
96 100
61 189.0 0.0 321.8
98 68.0 0.0 128.0



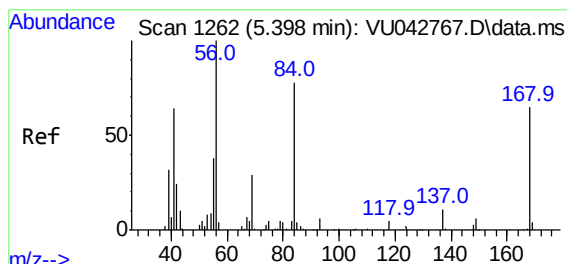
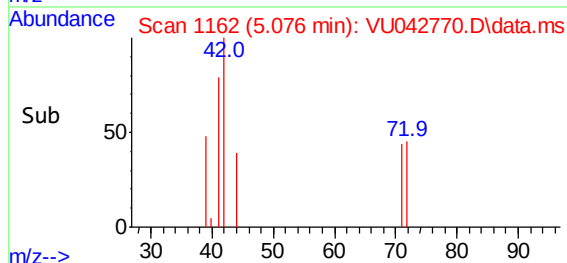
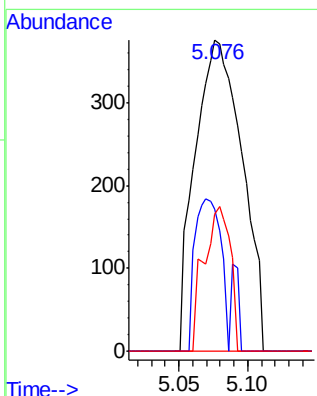
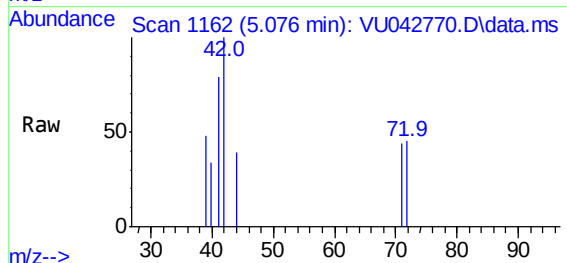


#29
Tetrahydrofuran
Concen: 0.87 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.016 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion: 42 Resp: 893

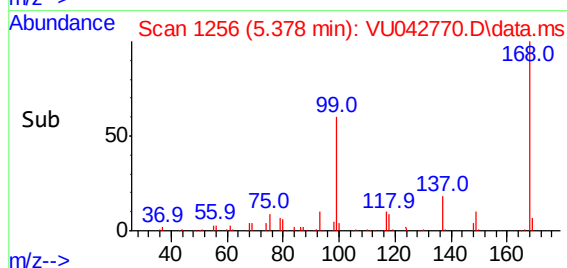
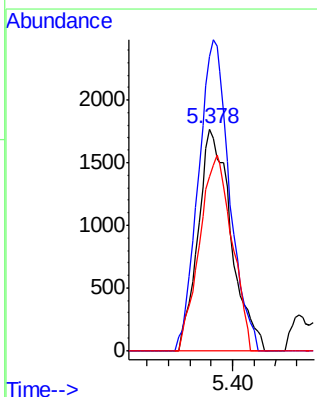
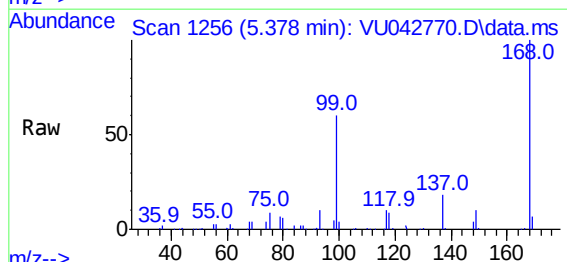
Ion	Ratio	Lower	Upper
42	100		
72	27.1	30.2	45.4#
71	26.1	28.6	42.8#

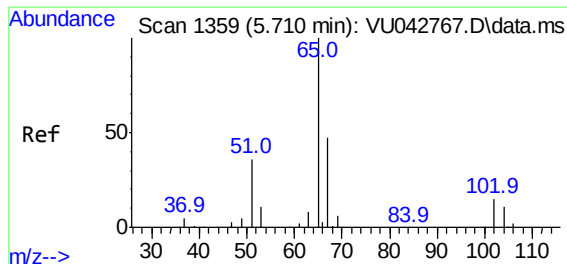


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 56 Resp: 3748

Ion	Ratio	Lower	Upper
56	100		
69	133.0	23.3	34.9#
84	78.5	62.2	93.4

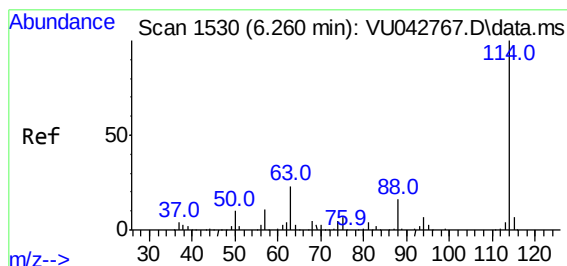
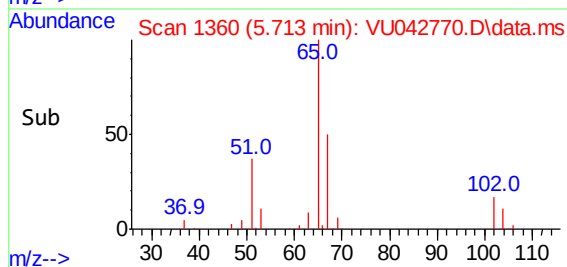
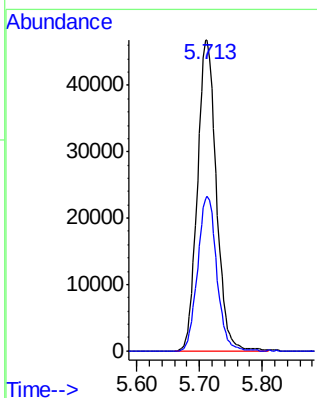
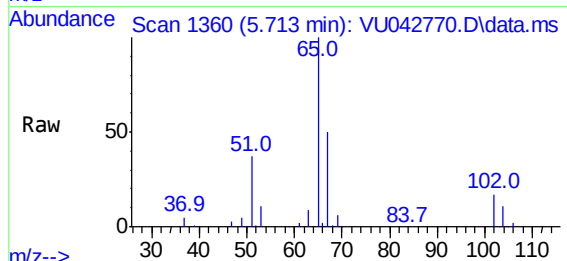




#33
 1,2-Dichloroethane-d4
 Concen: 47.97 ug/l
 RT: 5.713 min Scan# 1360
 Delta R.T. 0.003 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

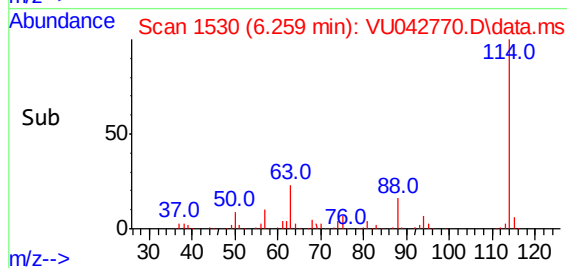
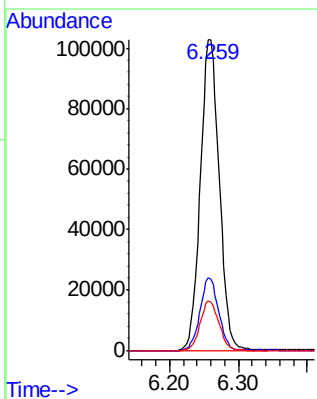
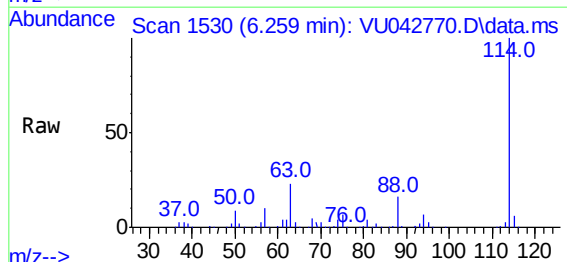
Instrument :
 MSVOA_U
 ClientSampled :
 IBLK

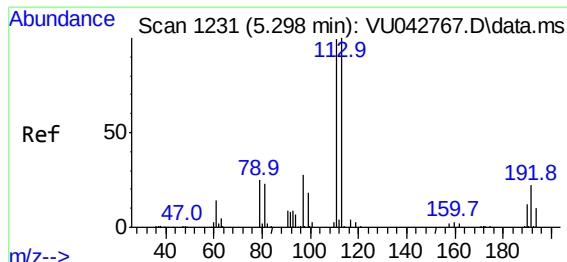
Tgt Ion: 65 Resp: 97565
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 98.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.259 min Scan# 1530
 Delta R.T. -0.001 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion:114 Resp: 195750
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.8
 88 15.6 0.0 32.2

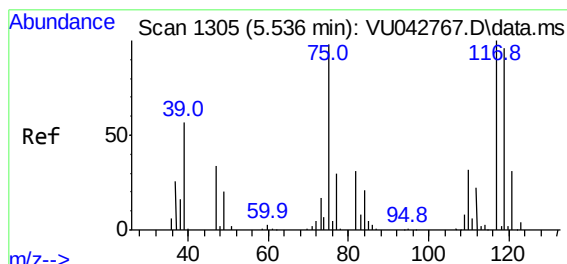
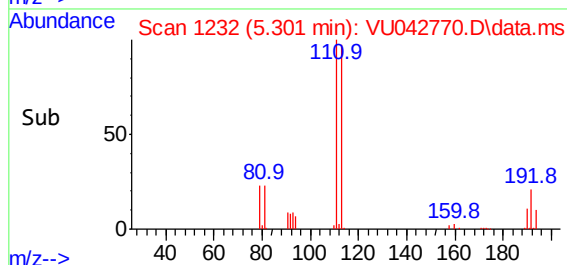
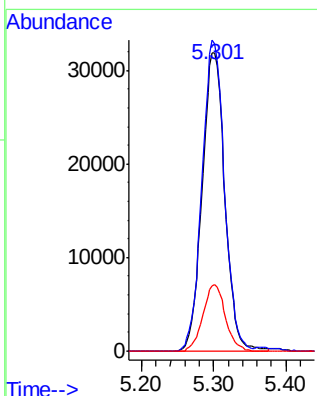
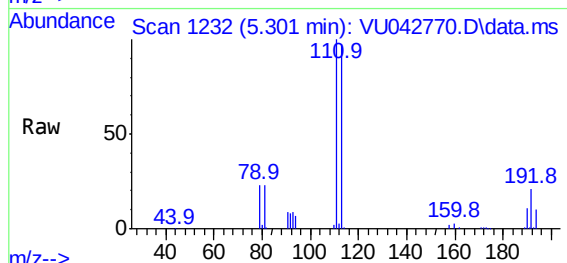




#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.301 min Scan# 1232
 Delta R.T. 0.003 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

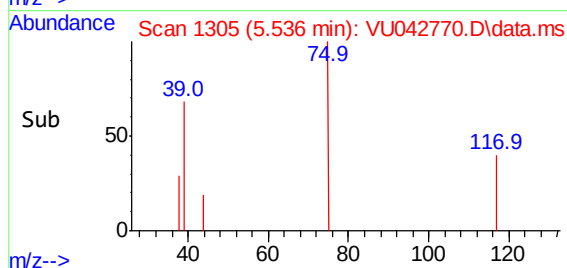
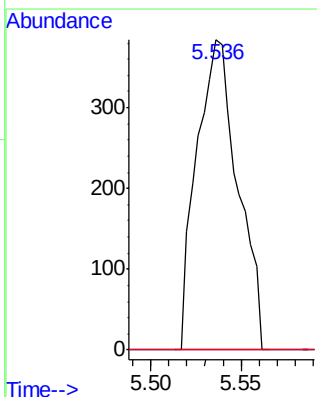
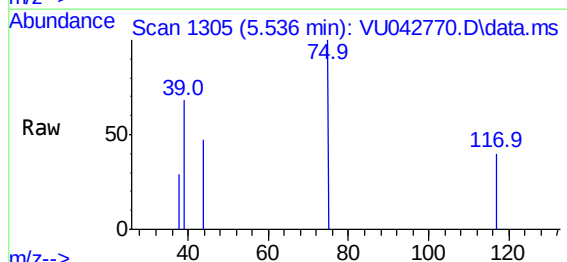
Instrument :
 MSVOA_U
 ClientSampled :
 IBLK

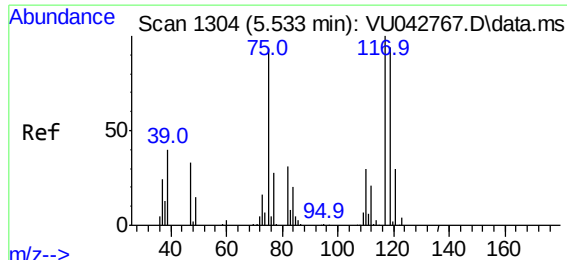
Tgt Ion:113 Resp: 69200
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.1 123.1
 192 21.7 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 0.31 ug/l
 RT: 5.536 min Scan# 1305
 Delta R.T. -0.000 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion: 75 Resp: 603
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.6 49.7#
 77 0.0 24.7 37.1#

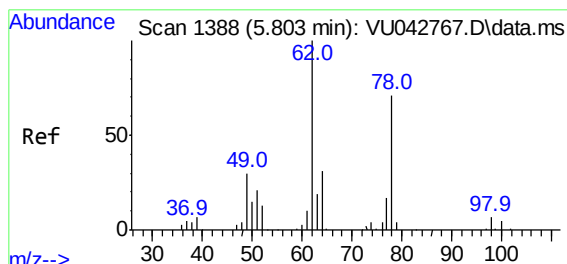
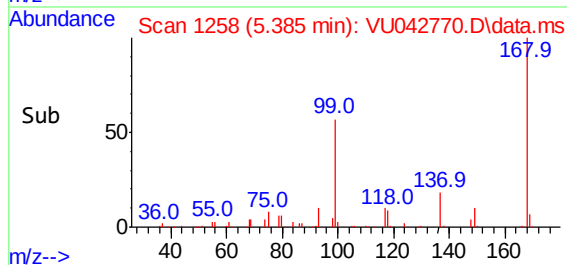
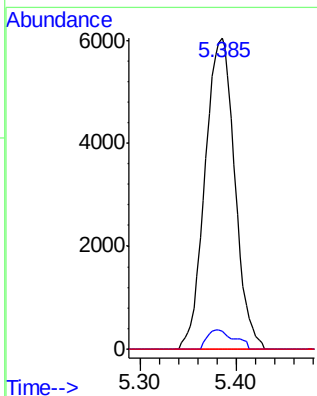
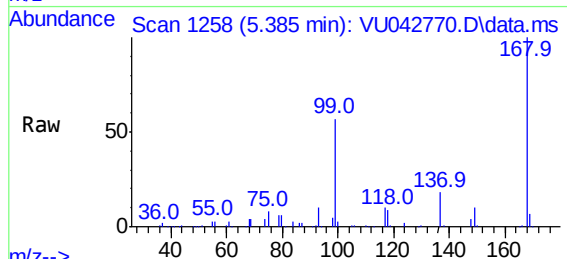




#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

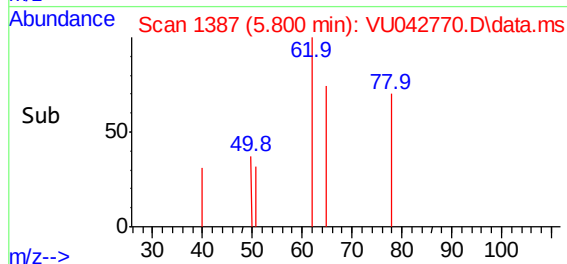
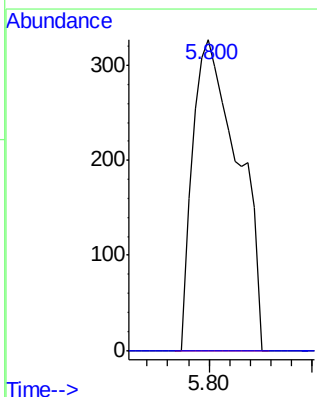
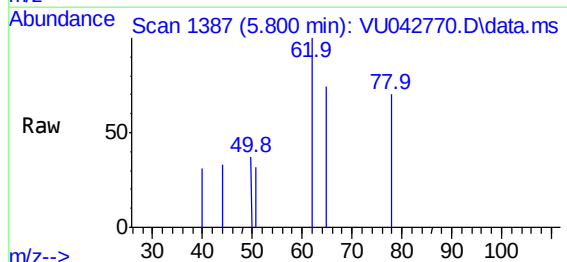
Instrument :
MSVOA_U
ClientSampled :
IBLK

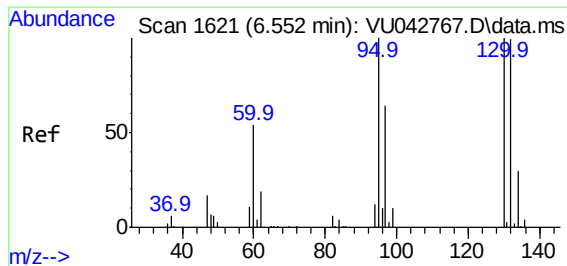
Tgt Ion:117 Resp: 12896
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#



#42
1,2-Dichloroethane
Concen: 0.20 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 62 Resp: 498
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.0

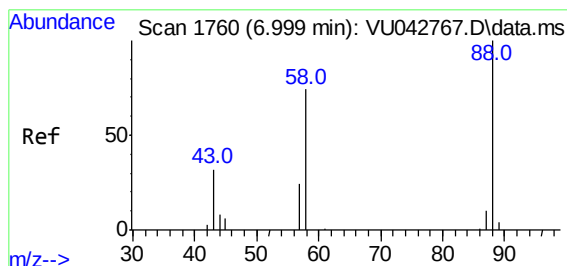
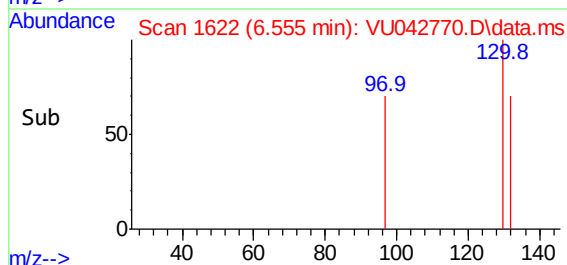
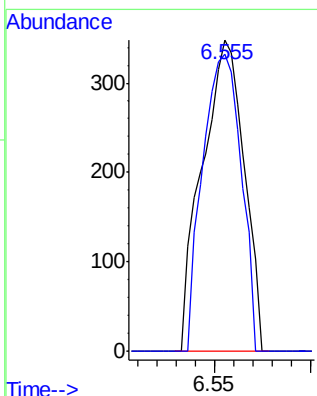
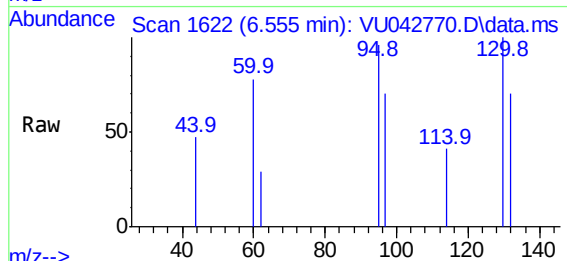




#44
Trichloroethene
Concen: 0.35 ug/l
RT: 6.555 min Scan# 1622
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

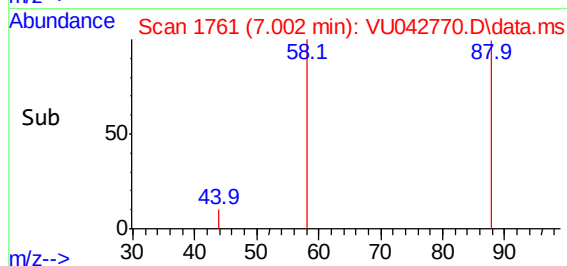
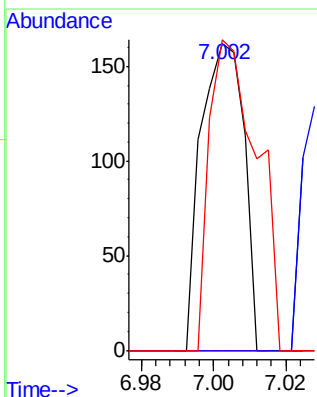
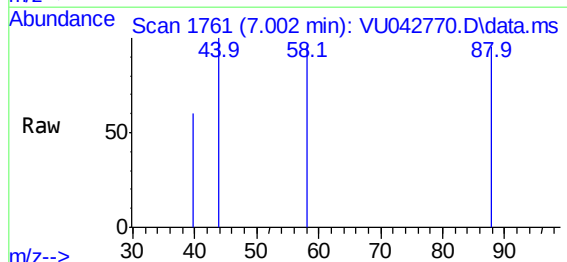
Instrument :
MSVOA_U
ClientSampled :
IBLK

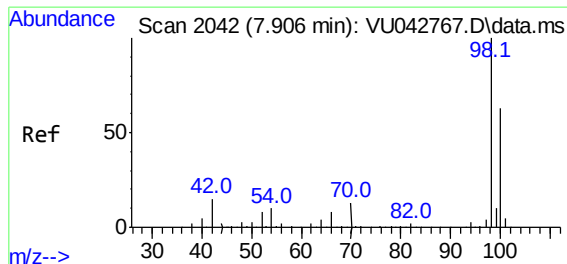
Tgt Ion:130 Resp: 526
Ion Ratio Lower Upper
130 100
95 95.7 0.0 200.8



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.002 min Scan# 1761
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.0#
58 113.0 62.5 93.7#

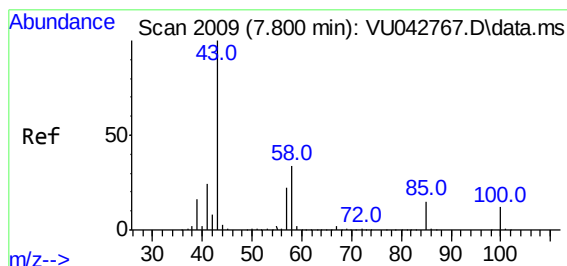
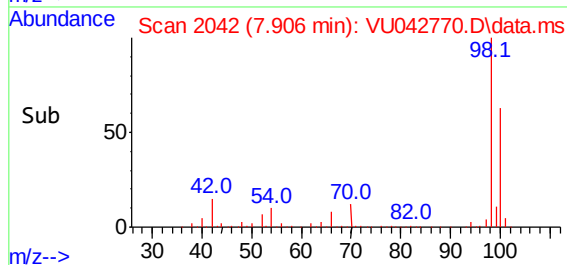
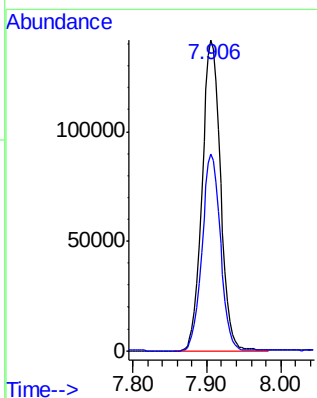
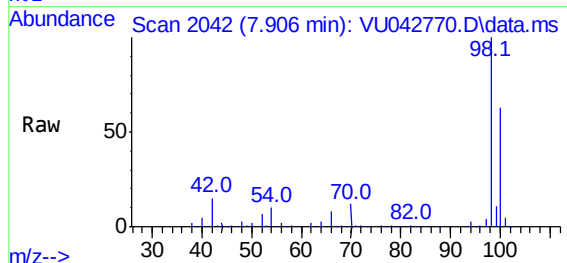




#50
Toluene-d8
Concen: 47.58 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

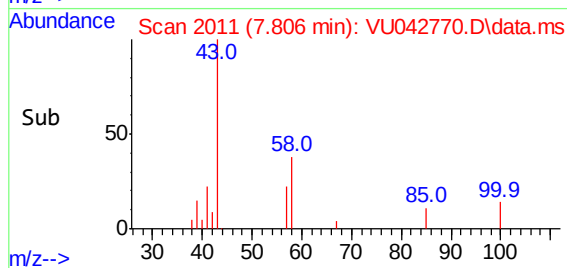
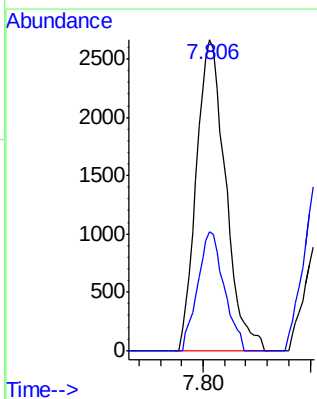
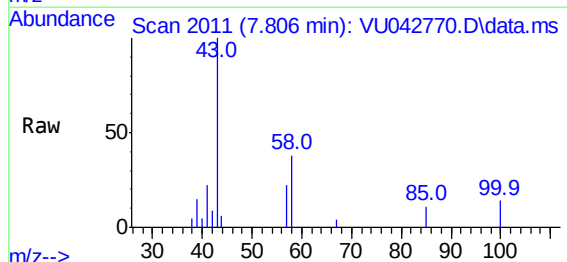
Instrument :
MSVOA_U
ClientSampled :
IBLK

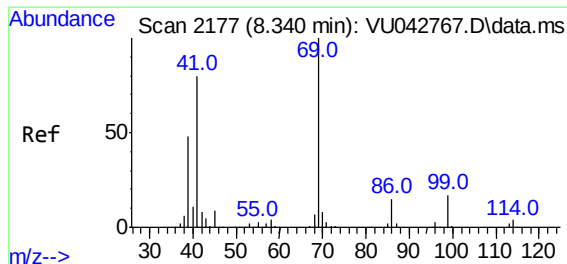
Tgt Ion: 98 Resp: 244553
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.58 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 43 Resp: 5013
Ion Ratio Lower Upper
43 100
58 34.4 27.4 41.2

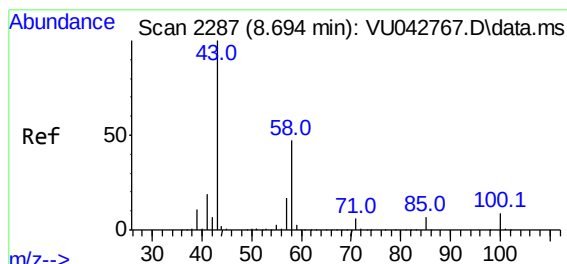
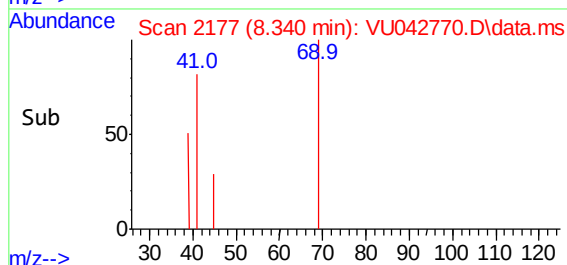
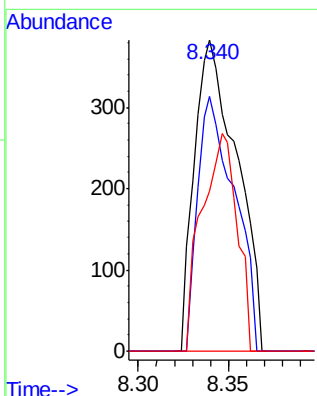
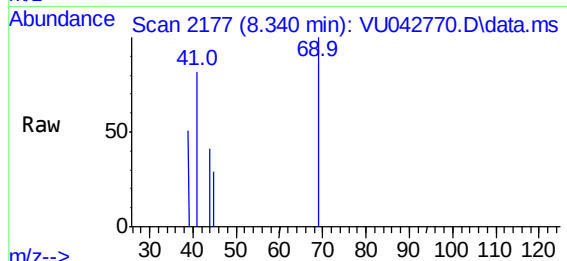




#56
Ethyl methacrylate
Concen: 0.27 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

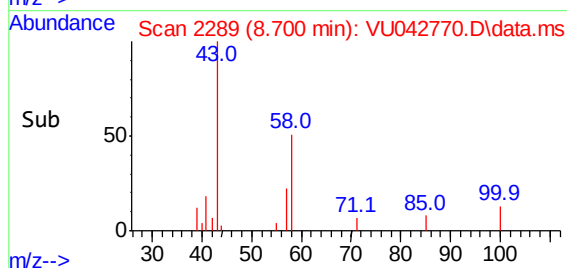
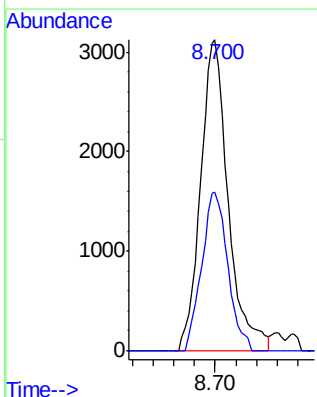
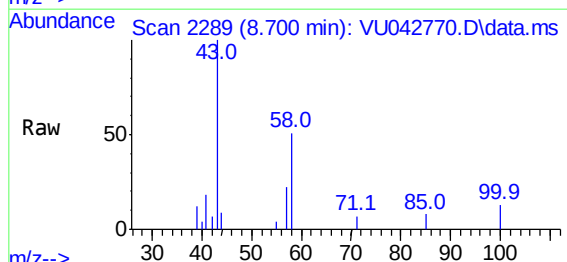
Instrument :
MSVOA_U
ClientSampleId :
IBLK

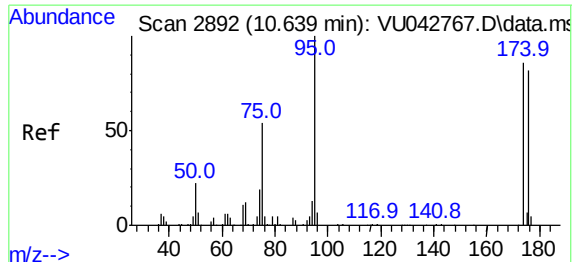
Tgt Ion: 69 Resp: 623
Ion Ratio Lower Upper
69 100
41 71.1 64.6 97.0
39 57.8 38.2 57.2#



#59
2-Hexanone
Concen: 2.29 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

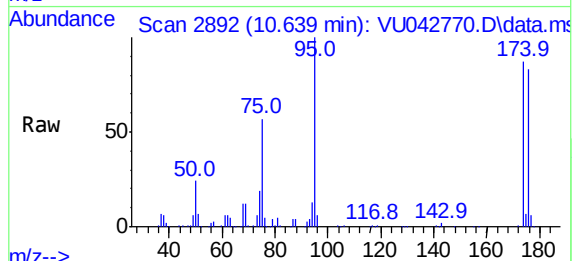
Tgt Ion: 43 Resp: 5770
Ion Ratio Lower Upper
43 100
58 48.2 23.8 71.2





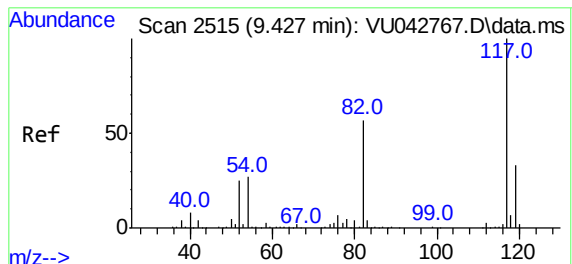
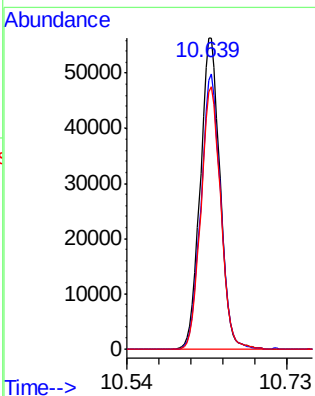
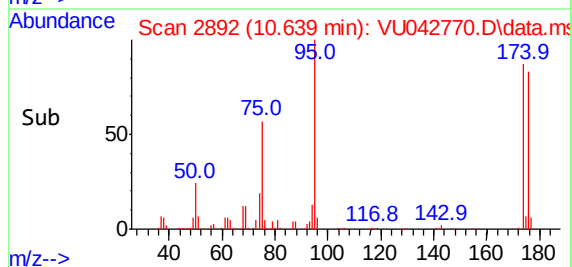
#62
4-Bromofluorobenzene
Concen: 45.14 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Instrument :
MSVOA_U
ClientSampled :
IBLK



Tgt Ion: 95 Resp: 90154

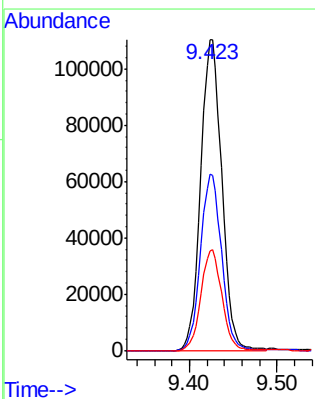
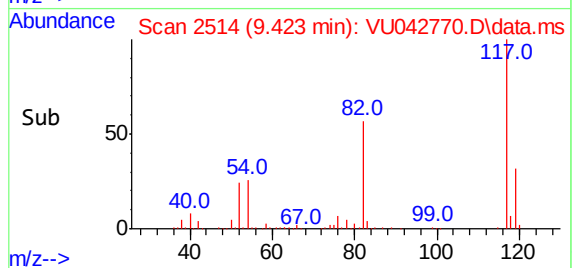
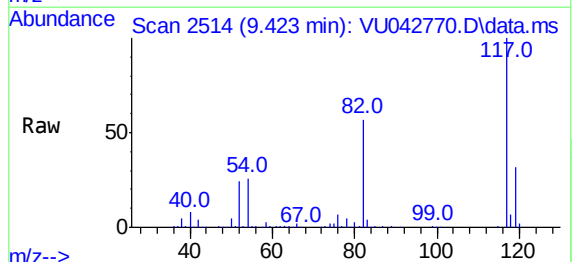
Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	175.2
176	84.8	0.0	167.4

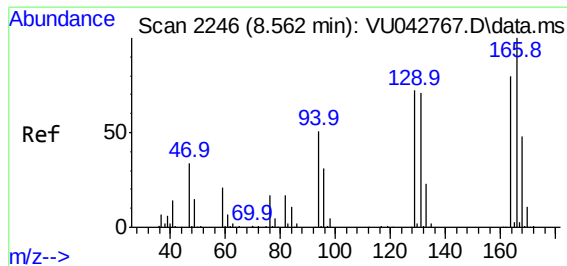


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 117 Resp: 184829

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	32.2	26.2	39.4

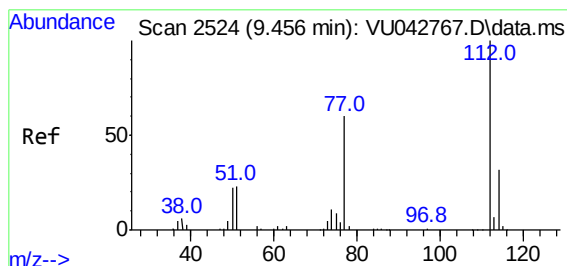
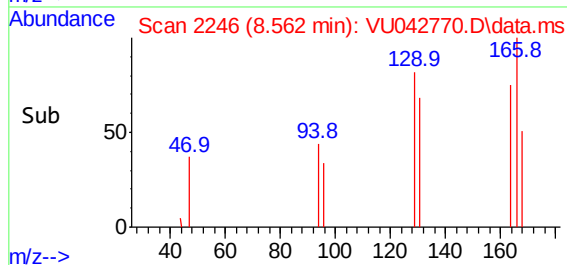
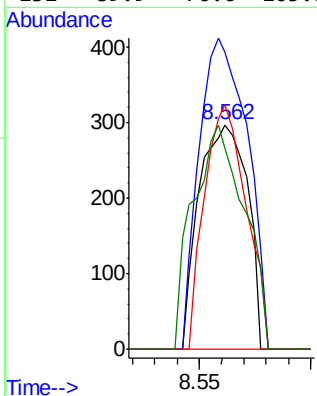
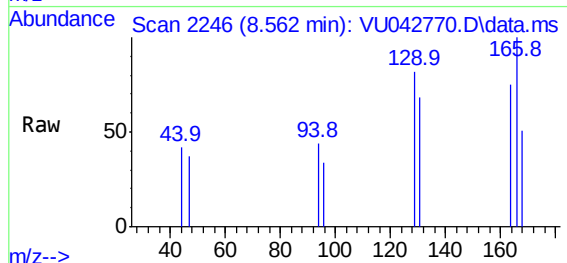




#64
Tetrachloroethene
Concen: 0.30 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

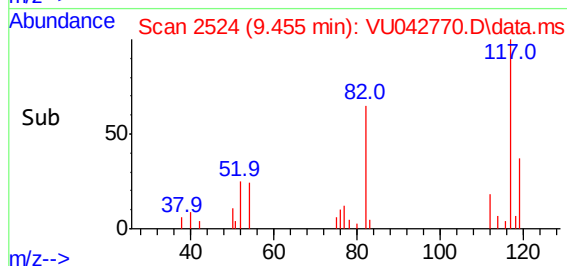
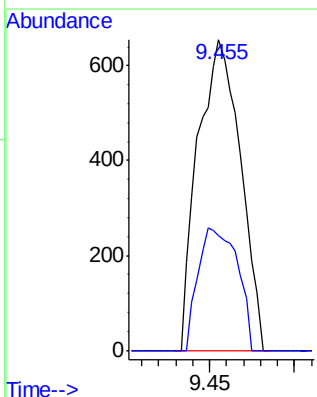
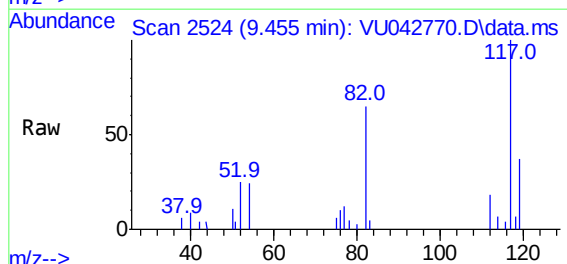
Instrument :
MSVOA_U
ClientSampleId :
IBLK

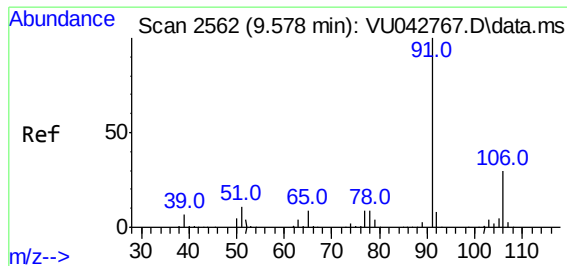
Tgt Ion:164 Resp: 447
Ion Ratio Lower Upper
164 100
166 132.7 99.9 149.9
129 109.1 71.6 107.4#
131 89.9 70.6 105.8



#65
Chlorobenzene
Concen: 0.30 ug/l
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion:112 Resp: 1137
Ion Ratio Lower Upper
112 100
114 36.9 25.4 38.2

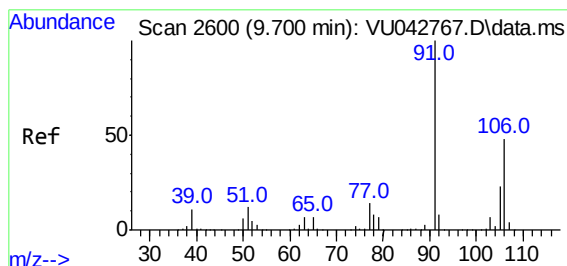
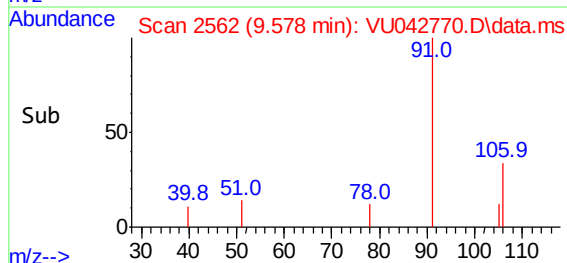
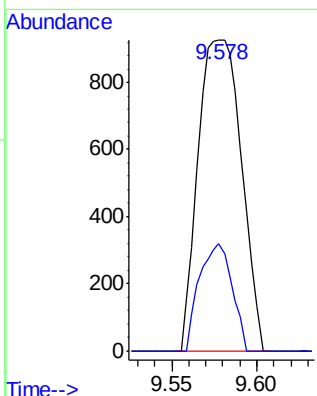
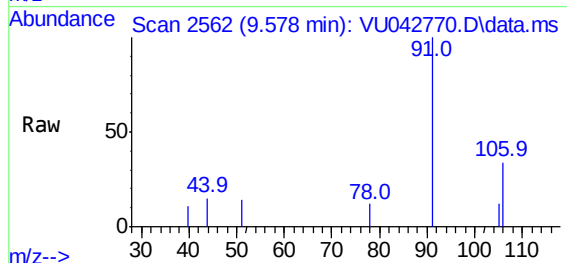




#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

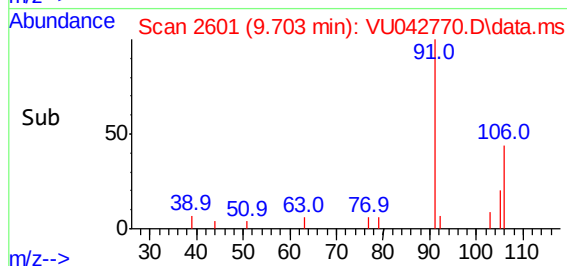
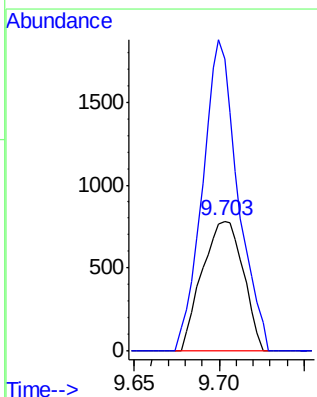
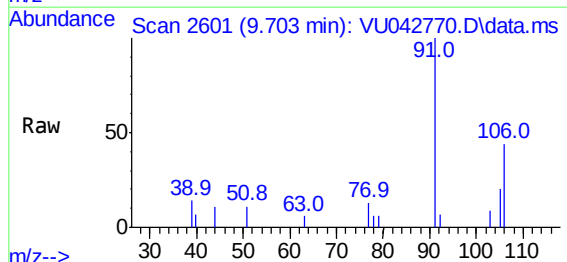
Instrument :
MSVOA_U
ClientSampleId :
IBLK

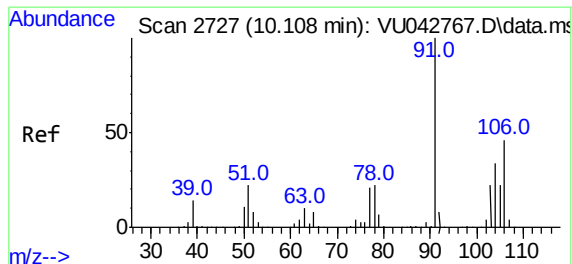
Tgt Ion: 91 Resp: 1641
Ion Ratio Lower Upper
91 100
106 34.3 24.1 36.1



#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion:106 Resp: 1308
Ion Ratio Lower Upper
106 100
91 207.3 168.3 252.5

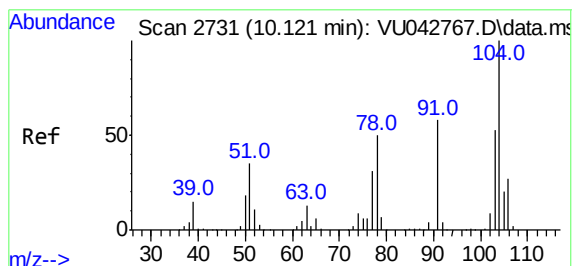
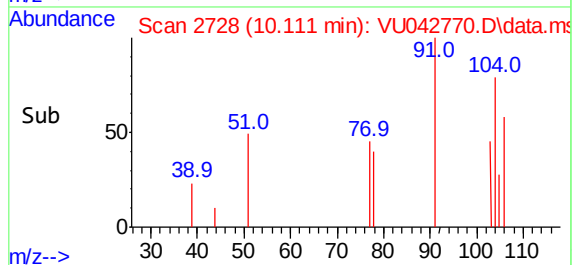
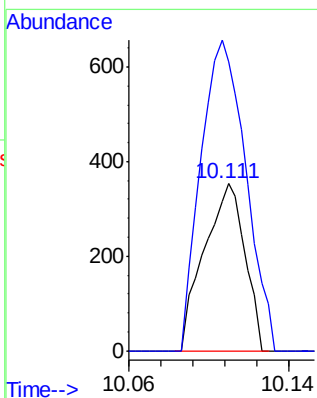
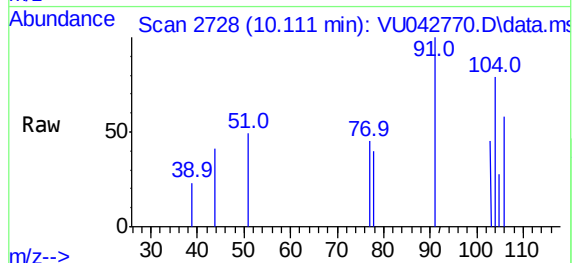




#69
o-Xylene
Concen: 0.20 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

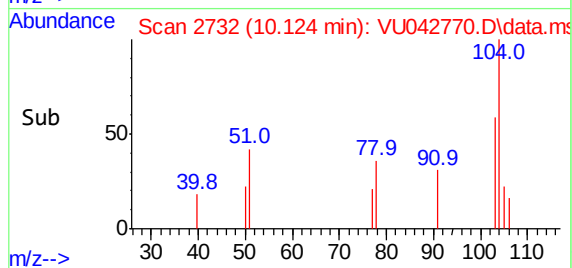
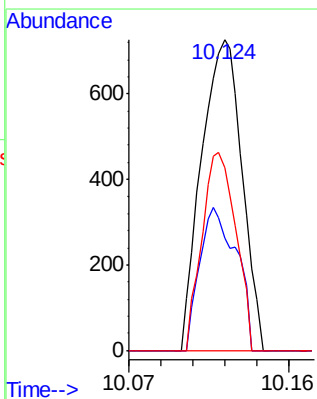
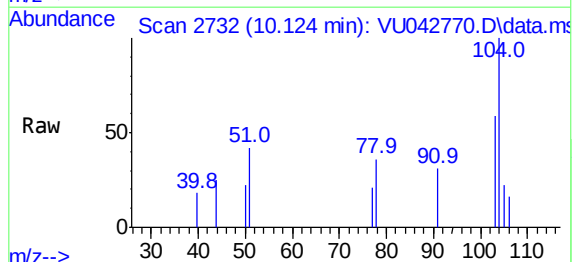
Instrument :
MSVOA_U
ClientSampled :
IBLK

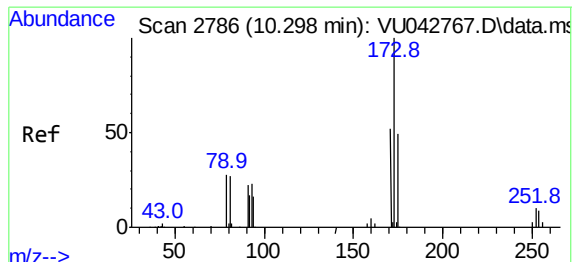
Tgt Ion:106 Resp: 484
Ion Ratio Lower Upper
106 100
91 205.0 109.9 329.7



#70
Styrene
Concen: 0.30 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion:104 Resp: 1200
Ion Ratio Lower Upper
104 100
78 41.7 43.2 64.8#
103 53.5 45.0 67.4

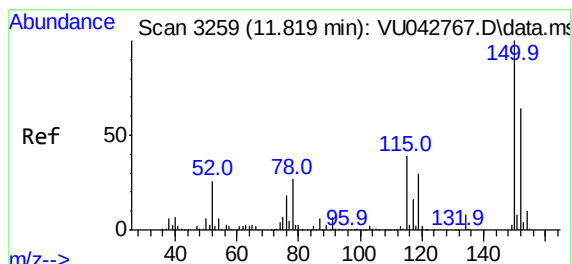
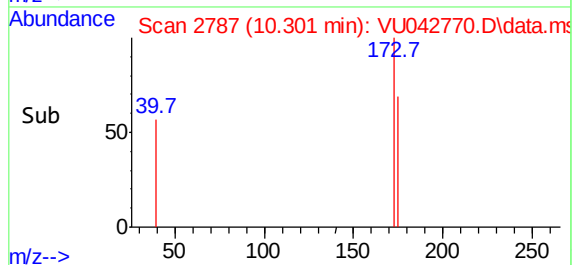
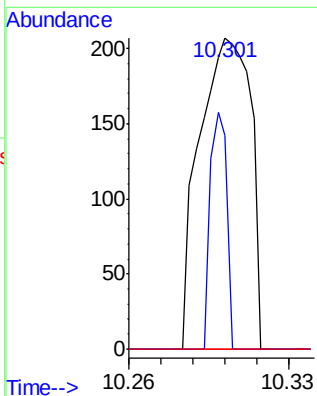
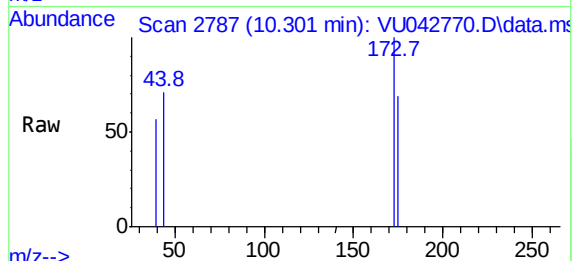




#71
Bromoform
Concen: 0.23 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

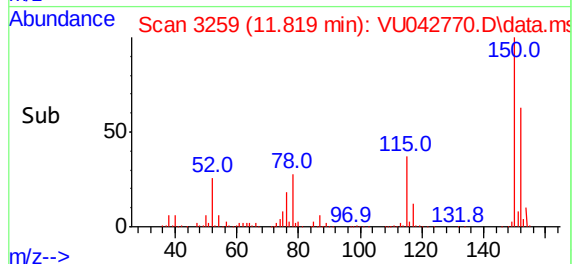
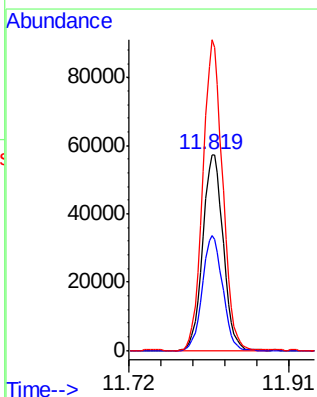
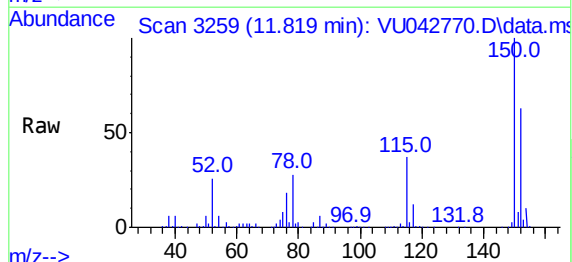
Instrument :
MSVOA_U
ClientSampleId :
IBLK

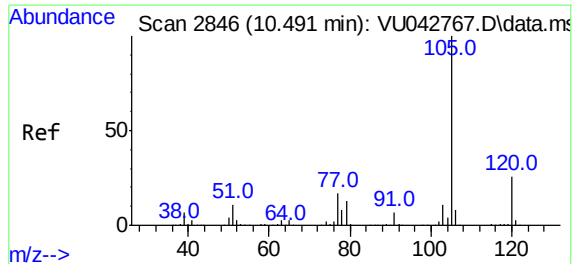
Tgt Ion:173 Resp: 329
Ion Ratio Lower Upper
173 100
175 24.9 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion:152 Resp: 92576
Ion Ratio Lower Upper
152 100
115 58.1 41.0 123.0
150 154.3 0.0 341.0

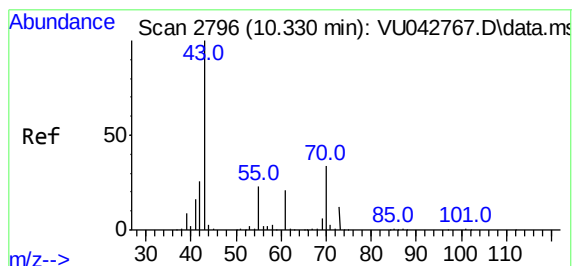
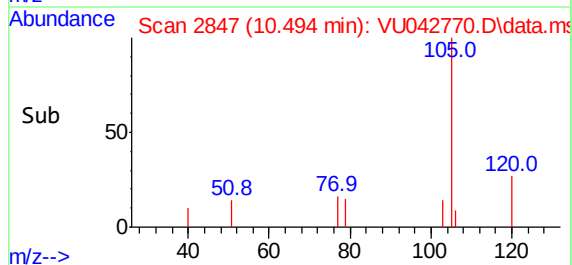
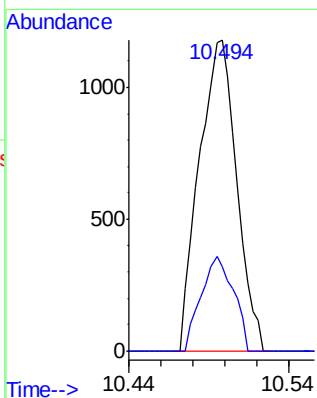
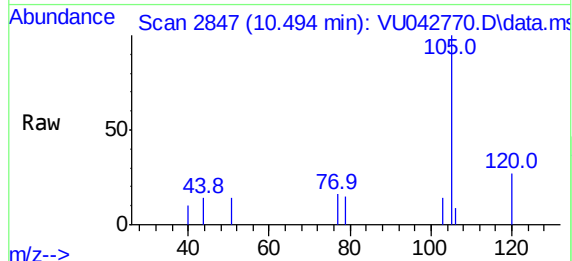




#73
Isopropylbenzene
Concen: 0.32 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

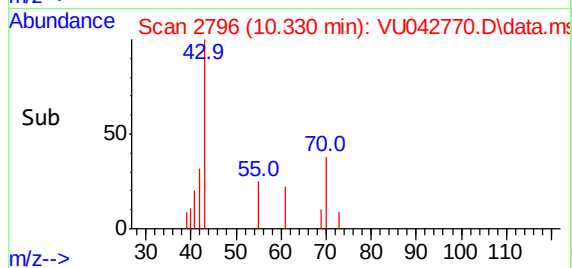
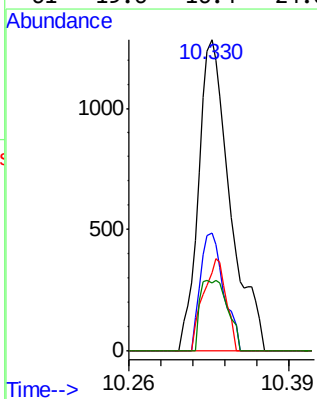
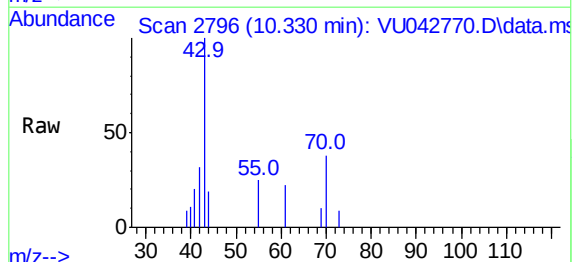
Instrument :
MSVOA_U
ClientSampled :
IBLK

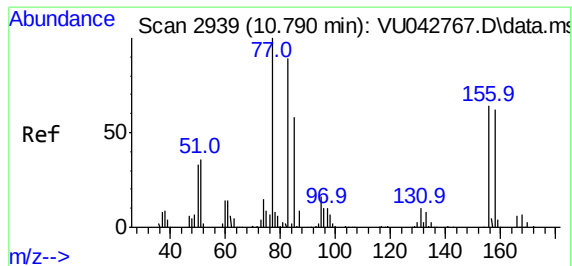
Tgt Ion:105 Resp: 1868
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 0.67 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
70 27.8 27.8 41.6
55 21.3 18.4 27.6
61 19.6 16.4 24.6



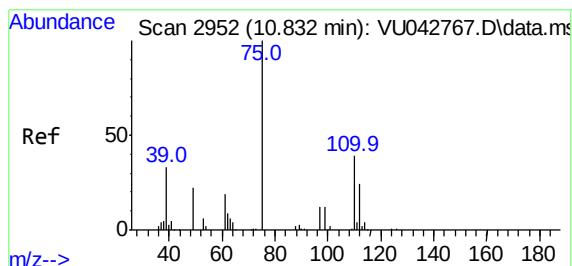
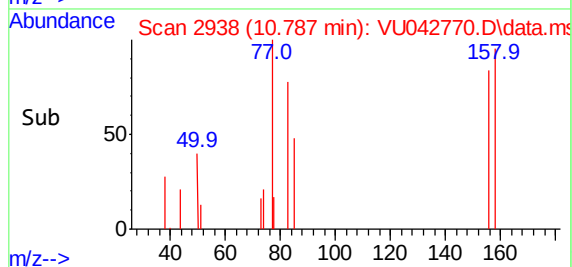
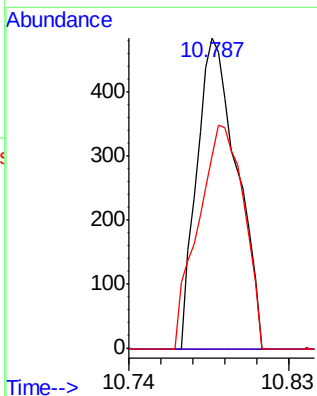
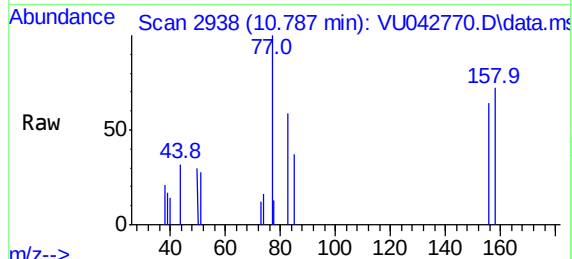


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.29 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. -0.003 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Tgt Ion: 83 Resp: 701

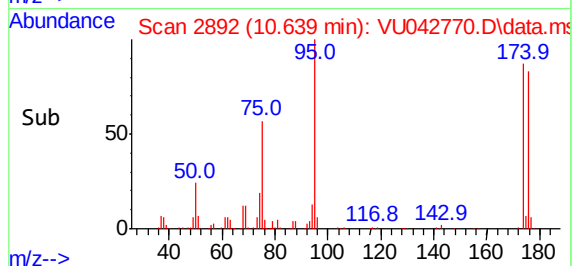
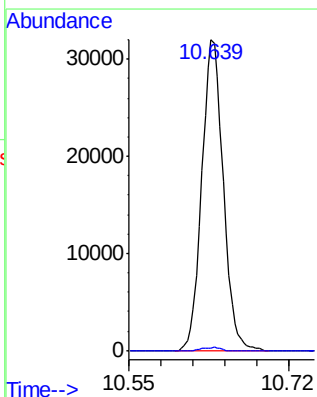
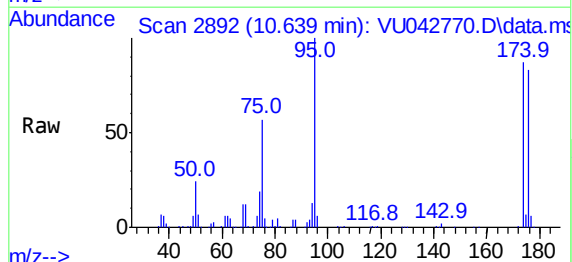
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	81.5	32.0	96.2

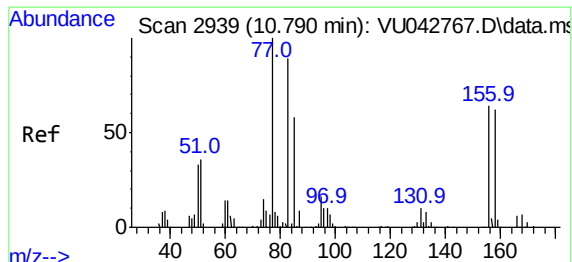


#76
 1,2,3-Trichloropropane
 Concen: 21.77 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion: 75 Resp: 51261

Ion	Ratio	Lower	Upper
75	100		
77	0.8	19.6	58.8#

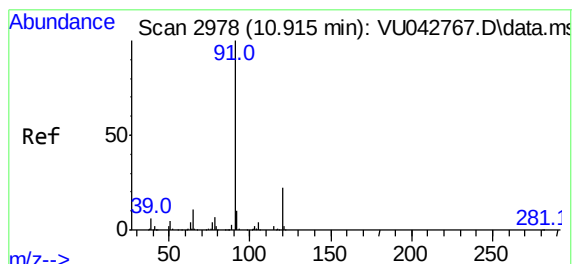
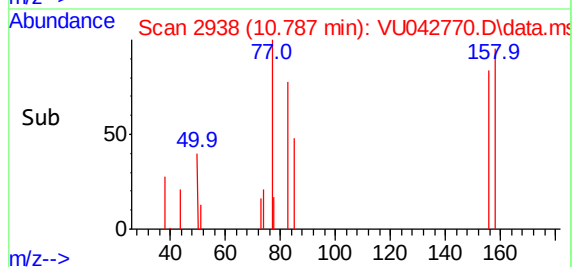
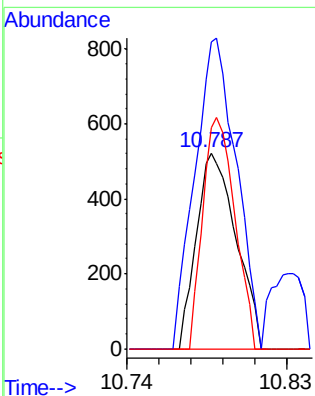
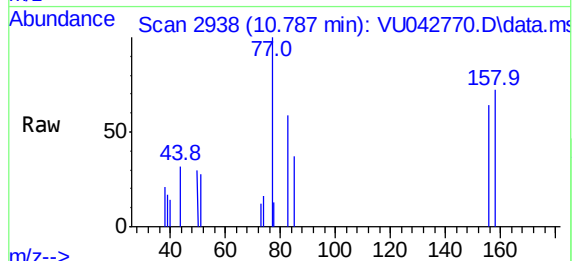




#77
Bromobenzene
Concen: 0.53 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

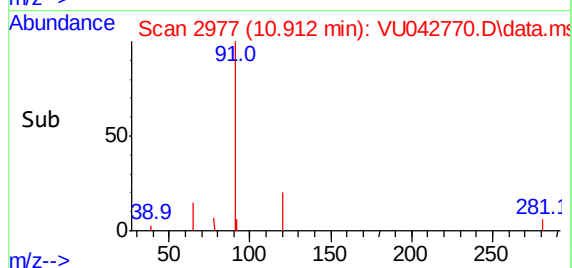
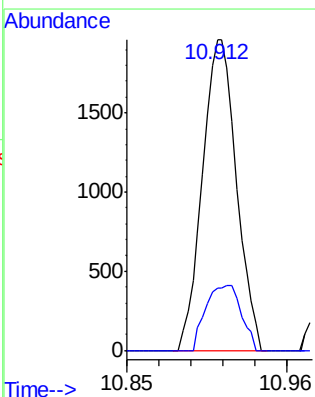
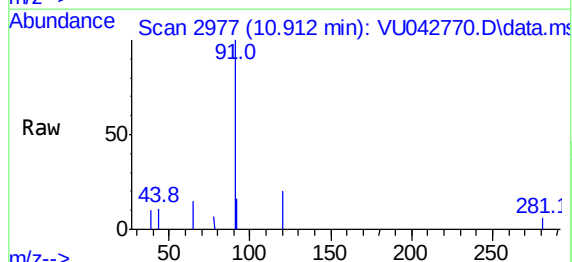
Instrument :
MSVOA_U
ClientSampleId :
IBLK

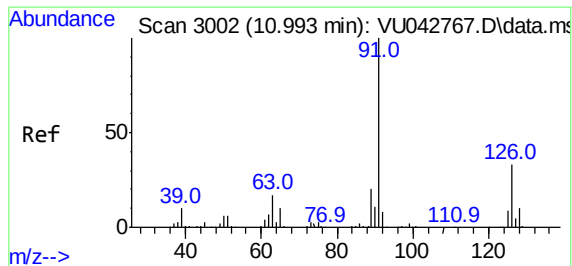
Tgt Ion:156 Resp: 850
Ion Ratio Lower Upper
156 100
77 165.4 79.5 238.3
158 95.3 48.1 144.4



#78
n-propylbenzene
Concen: 0.44 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 91 Resp: 3049
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.1



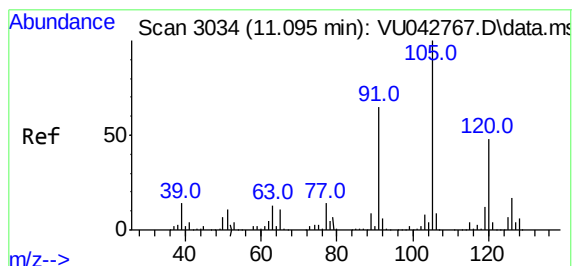
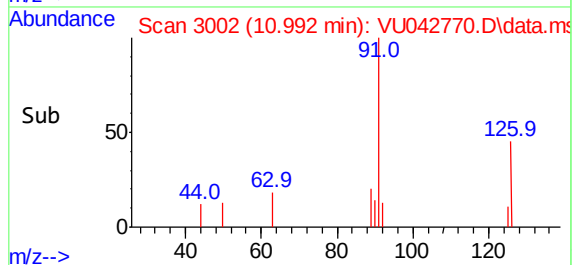
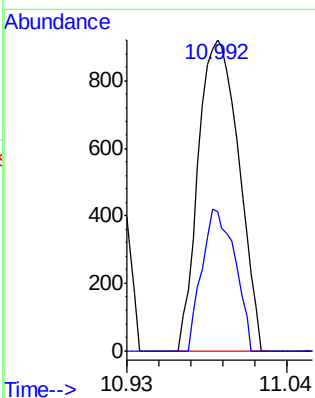
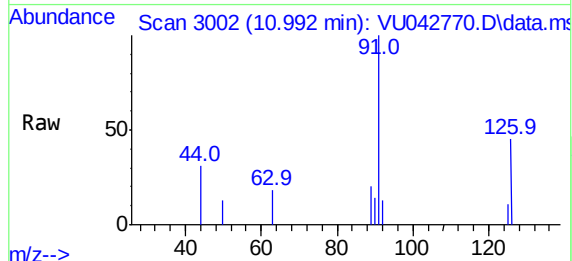


#79
 2-Chlorotoluene
 Concen: 0.41 ug/l
 RT: 10.992 min Scan# 3002
 Delta R.T. -0.000 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Instrument :
 MSVOA_U
 ClientSampled :
 IBLK

Tgt Ion: 91 Resp: 1702

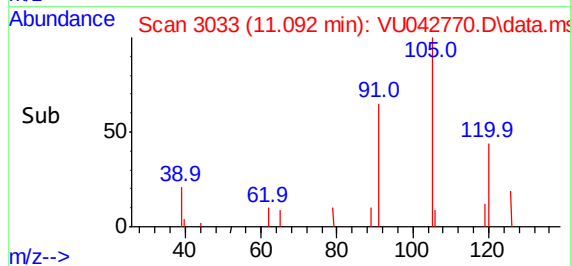
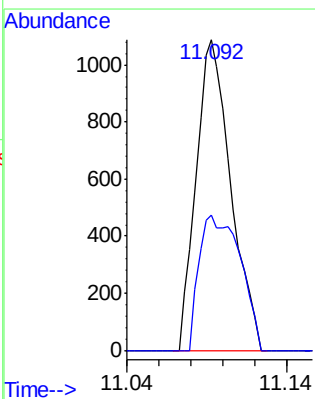
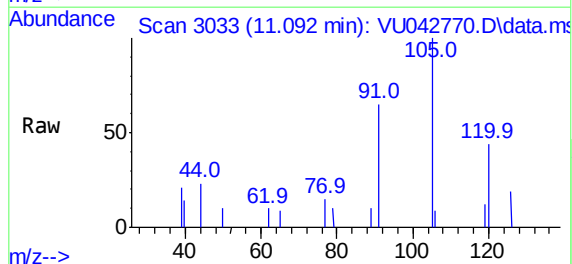
Ion	Ratio	Lower	Upper
91	100		
126	37.0	16.7	50.1

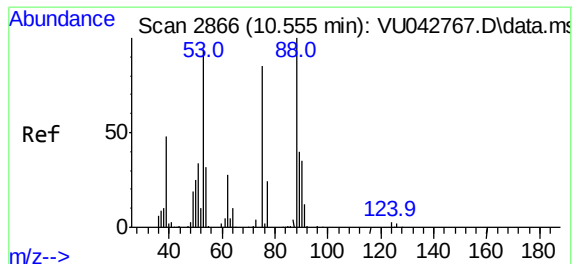


#80
 1,3,5-Trimethylbenzene
 Concen: 0.30 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion: 105 Resp: 1543

Ion	Ratio	Lower	Upper
105	100		
120	51.8	23.4	70.2

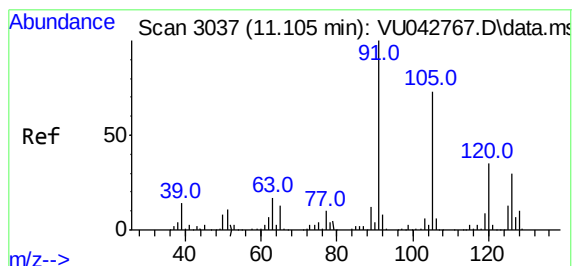
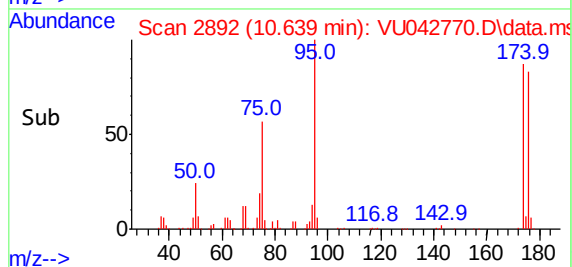
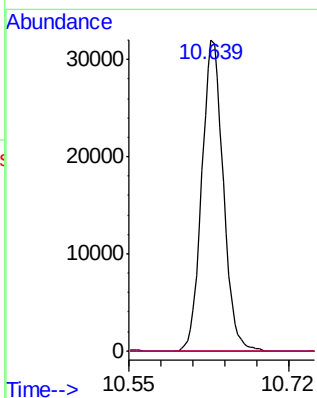
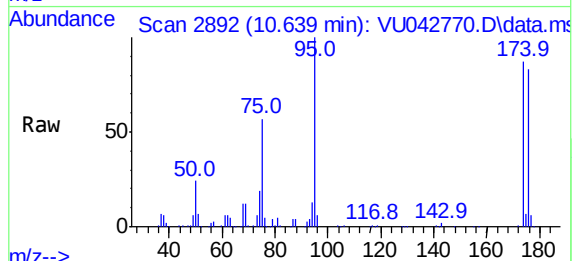




#81
trans-1,4-Dichloro-2-butene
Concen: 64.51 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

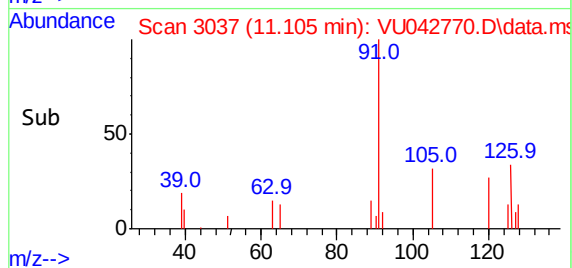
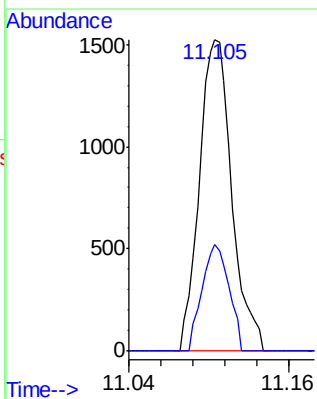
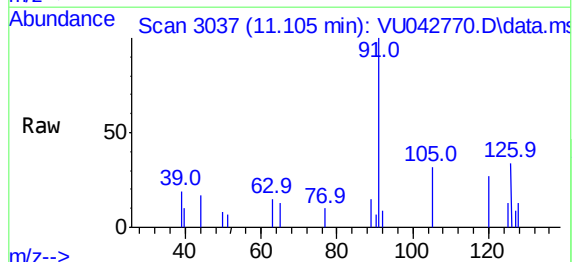
Instrument :
MSVOA_U
ClientSampled :
IBLK

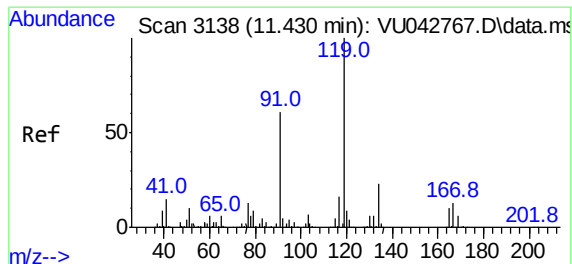
Tgt Ion: 75 Resp: 51261
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.50 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 91 Resp: 2479
Ion Ratio Lower Upper
91 100
126 28.2 14.5 43.5

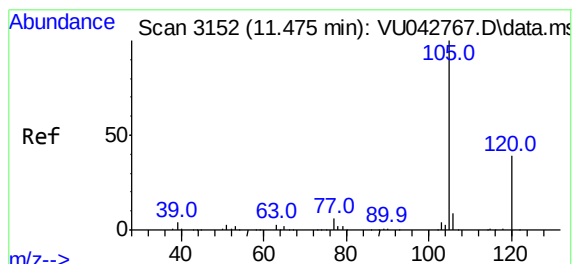
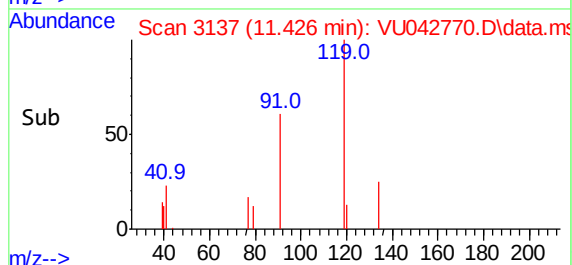
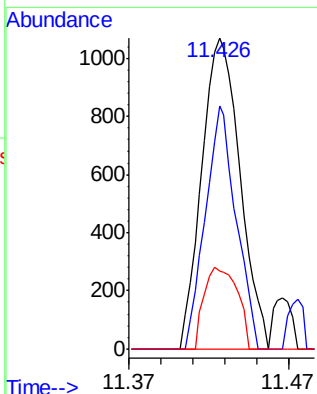
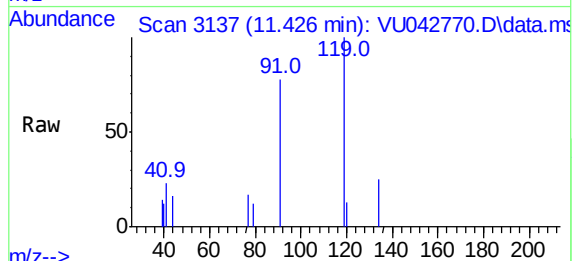




#83
tert-Butylbenzene
Concen: 0.38 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

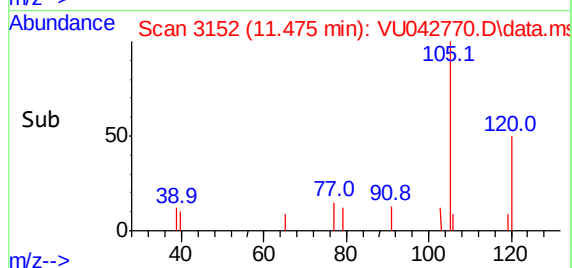
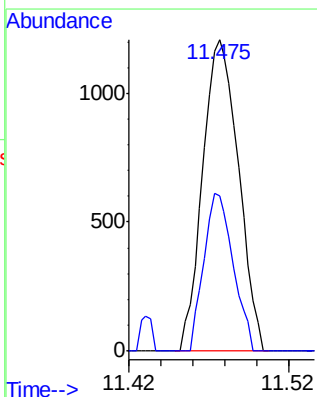
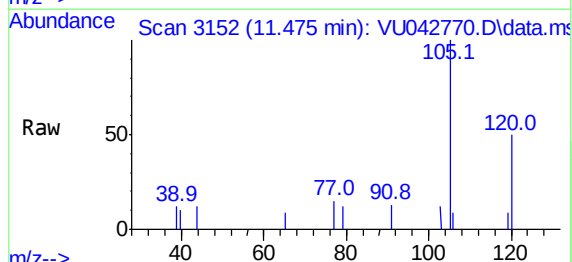
Instrument :
MSVOA_U
ClientSampled :
IBLK

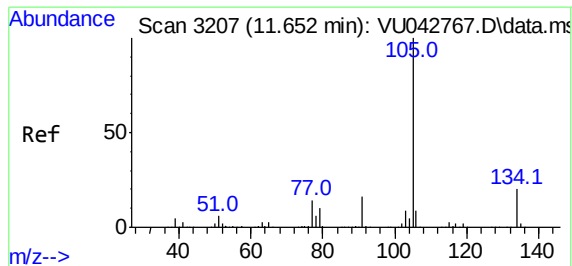
Tgt Ion:119 Resp: 1869
Ion Ratio Lower Upper
119 100
91 62.8 30.1 90.3
134 22.5 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 0.39 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion:105 Resp: 1981
Ion Ratio Lower Upper
105 100
120 41.4 22.3 66.8

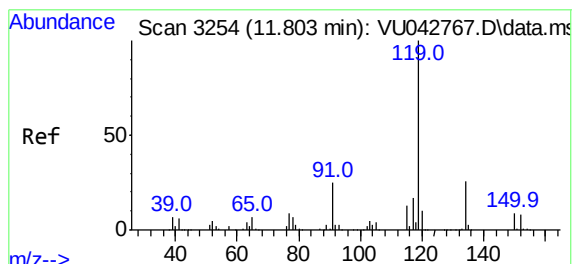
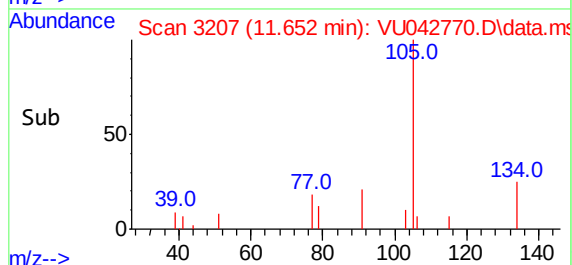
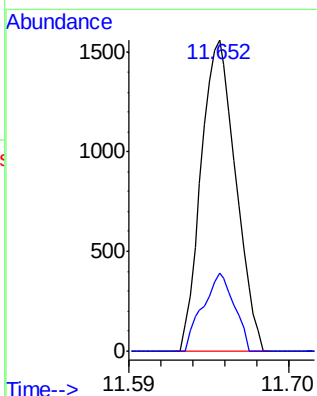
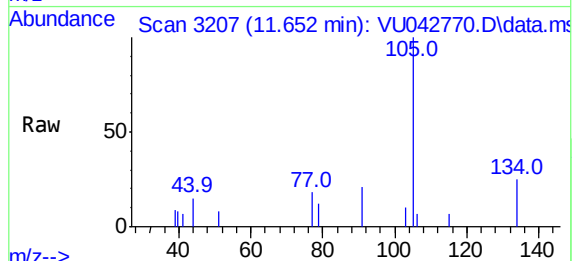




#85
 sec-Butylbenzene
 Concen: 0.43 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

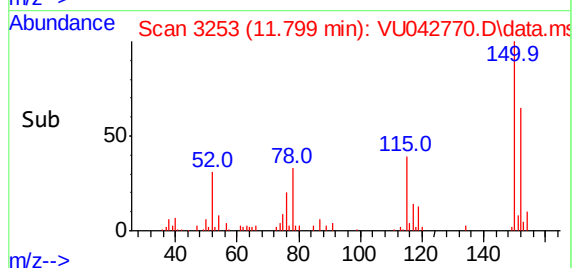
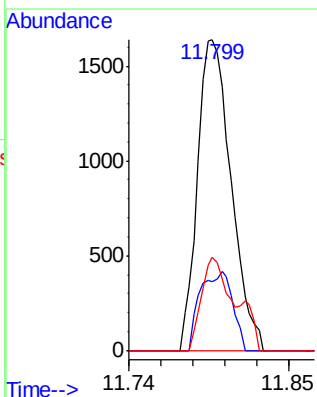
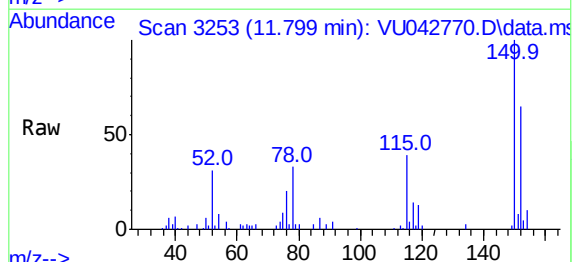
Instrument :
 MSVOA_U
 ClientSampled :
 IBLK

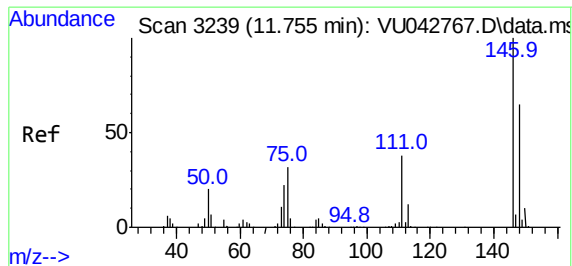
Tgt Ion:105 Resp: 2465
 Ion Ratio Lower Upper
 105 100
 134 22.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 0.50 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. -0.003 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion:119 Resp: 2640
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 23.5 12.6 37.8



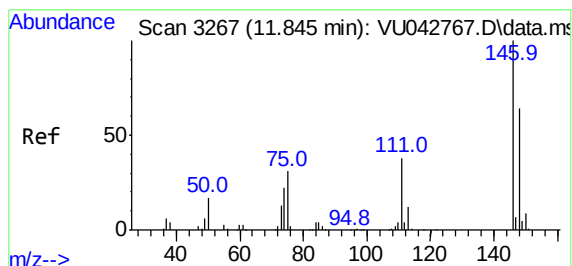
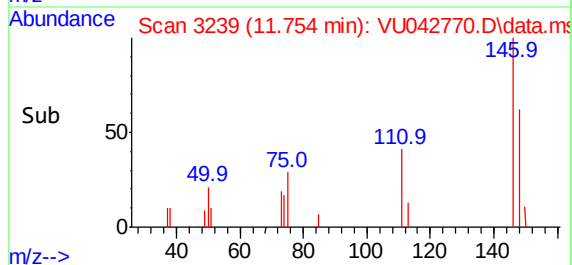
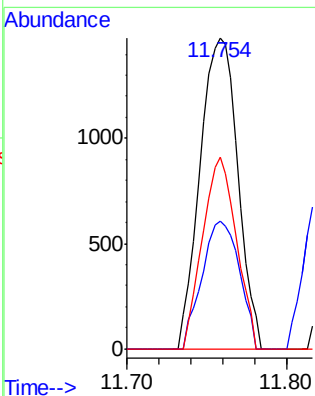
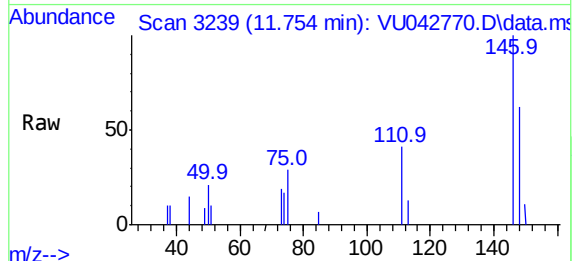


#87
 1,3-Dichlorobenzene
 Concen: 0.82 ug/l
 RT: 11.754 min Scan# 3239
 Delta R.T. -0.000 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Instrument :
 MSVOA_U
 ClientSampled :
 IBLK

Tgt Ion:146 Resp: 2363

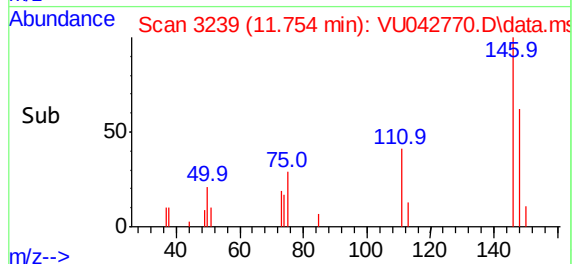
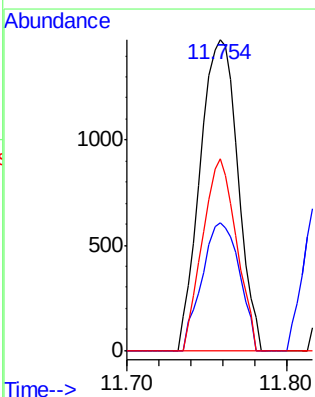
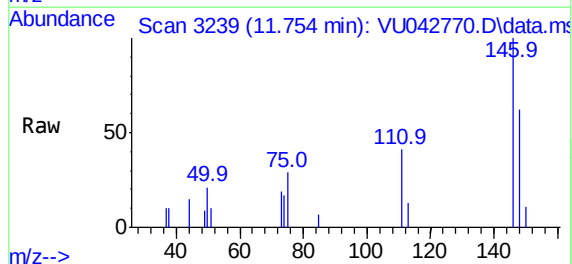
Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.4	58.4
148	55.1	32.6	97.7

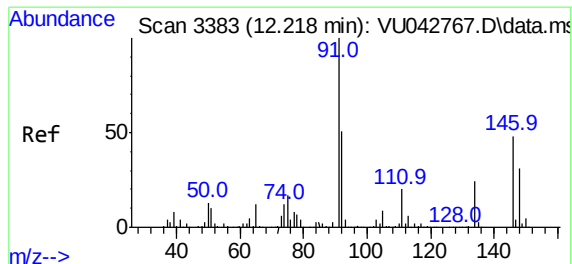


#88
 1,4-Dichlorobenzene
 Concen: 0.79 ug/l
 RT: 11.754 min Scan# 3239
 Delta R.T. -0.090 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Tgt Ion:146 Resp: 2363

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.4	58.2
148	55.1	32.4	97.0

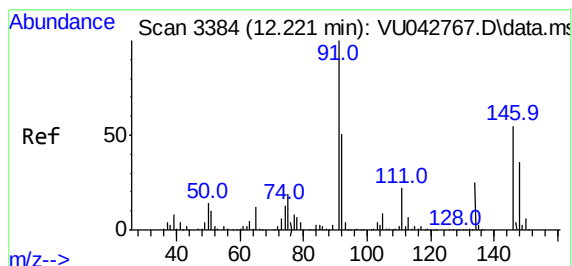
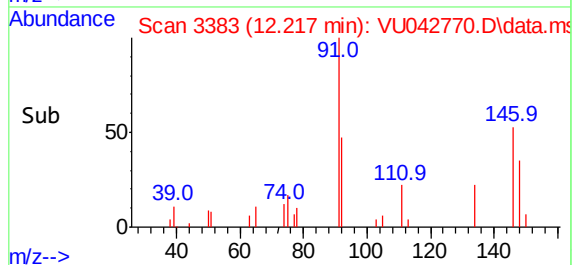
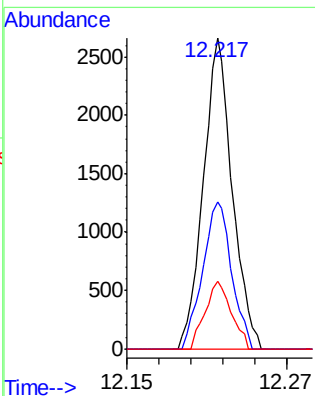
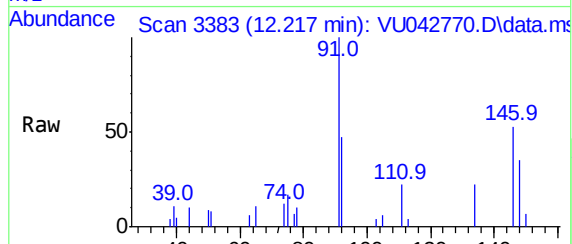




#89
n-Butylbenzene
Concen: 0.77 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

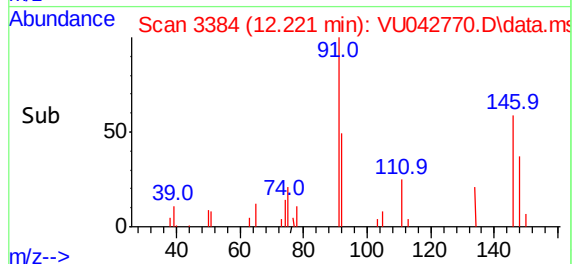
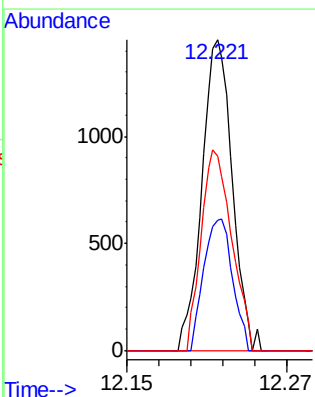
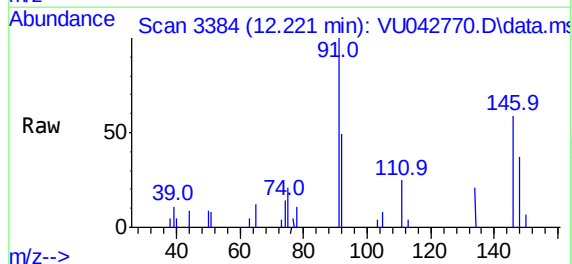
Instrument :
MSVOA_U
ClientSampled :
IBLK

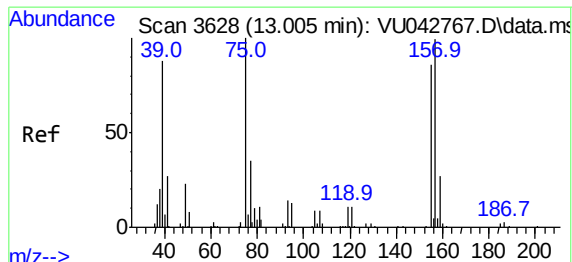
Tgt Ion: 91 Resp: 3846
Ion Ratio Lower Upper
91 100
92 47.3 25.7 77.1
134 19.7 12.1 36.3



#91
1,2-Dichlorobenzene
Concen: 0.75 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion: 146 Resp: 2210
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 65.1 32.5 97.4

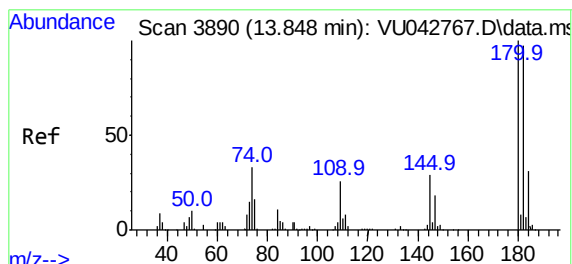
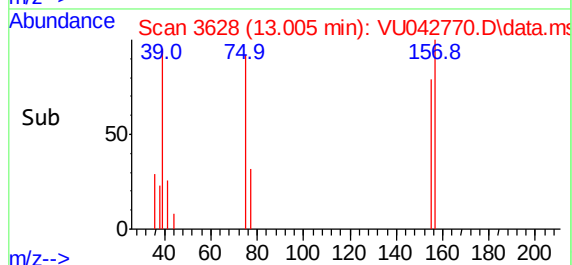
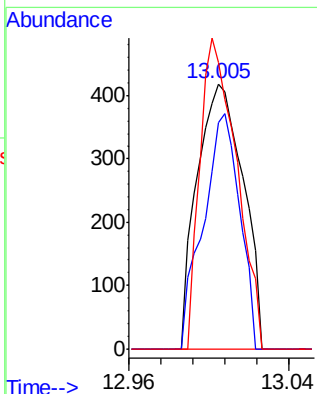
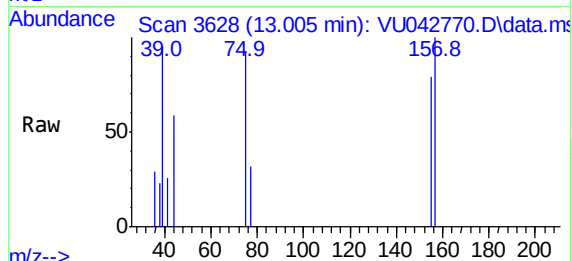




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.09 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

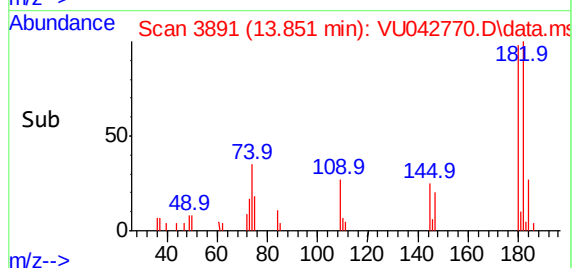
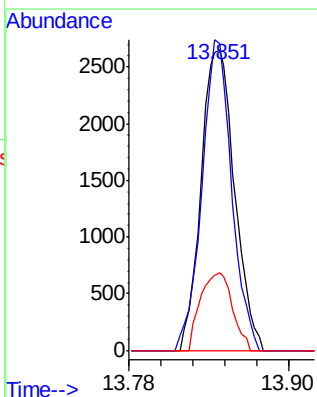
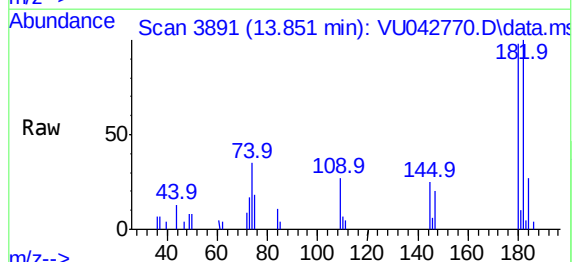
Instrument :
MSVOA_U
ClientSampleId :
IBLK

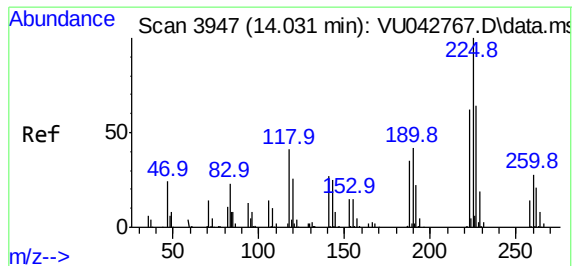
Tgt Ion: 75 Resp: 693
Ion Ratio Lower Upper
75 100
155 70.4 40.8 122.5
157 93.4 51.4 154.3



#93
1,2,4-Trichlorobenzene
Concen: 2.37 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

Tgt Ion:180 Resp: 4462
Ion Ratio Lower Upper
180 100
182 91.6 48.0 144.0
145 24.7 14.5 43.5

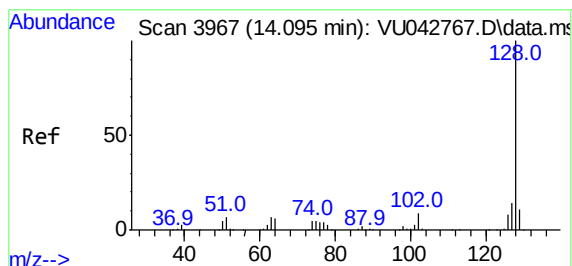
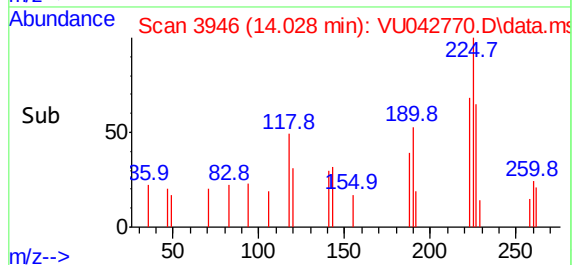
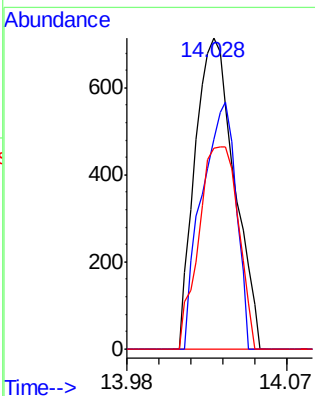
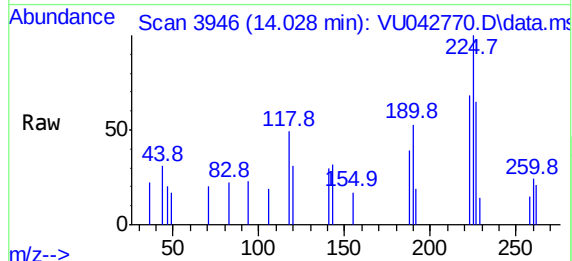




#94
Hexachlorobutadiene
Concen: 0.97 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.003 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

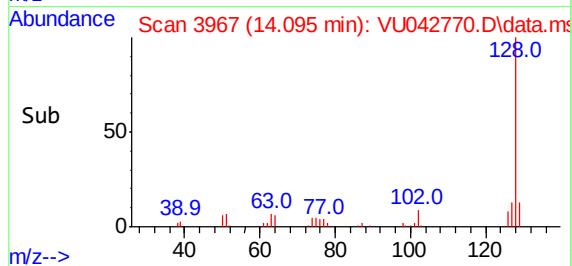
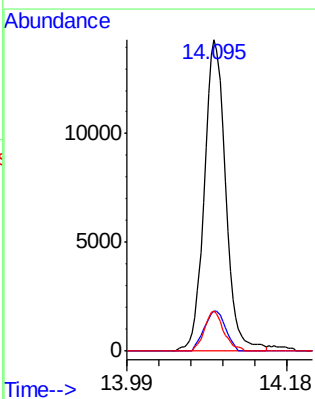
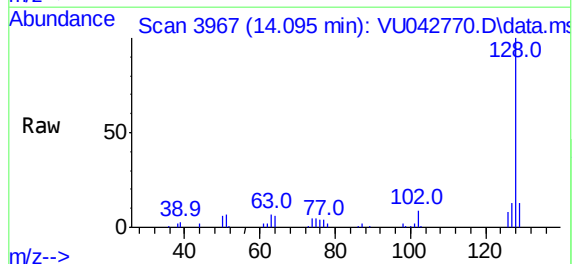
Instrument :
MSVOA_U
ClientSampleId :
IBLK

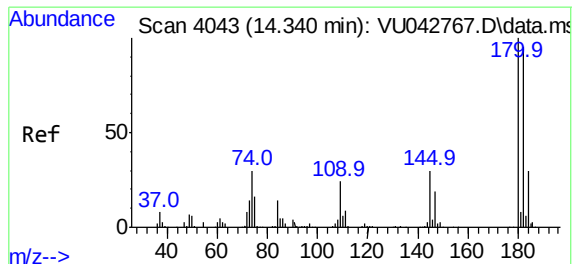
Tgt Ion:225 Resp: 1071
Ion Ratio Lower Upper
225 100
223 69.0 31.4 94.3
227 65.5 31.9 95.5



#95
Naphthalene
Concen: 6.32 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042770.D
Acq: 24 Mar 2021 16:52

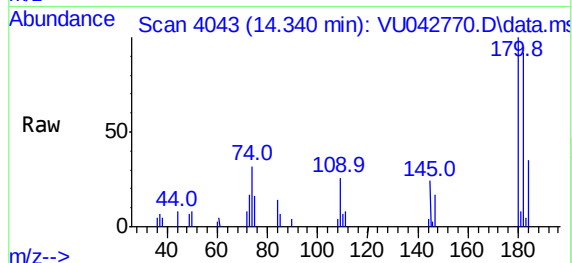
Tgt Ion:128 Resp: 24786
Ion Ratio Lower Upper
128 100
127 12.5 10.9 16.3
129 11.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.95 ug/l
 RT: 14.340 min Scan# 4043
 Delta R.T. -0.000 min
 Lab File: VU042770.D
 Acq: 24 Mar 2021 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 5609

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	25.5	15.0	45.0

