

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049402.D
 Acq On : 27 Jun 2022 13:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 27 14:21:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:21:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.372	168	178772	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	293977	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	247543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	105120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	127644	46.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.72%		
35) Dibromofluoromethane	5.288	113	96454	46.90	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.80%		
50) Toluene-d8	7.896	98	355076	48.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.80%		
62) 4-Bromofluorobenzene	10.635	95	120741	42.97	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.94%		
Target Compounds						
						Qvalue
5) Bromomethane	1.845	94	940	1.05	ug/l	94
6) Chloroethane	1.970	64	42	1.95	ug/l #	70
10) Methyl Iodide	2.716	142	691	7.81	ug/l #	80
11) Tert butyl alcohol	3.186	59	19405	30.11	ug/l #	38
12) 1,1-Dichloroethene	2.565	96	544	0.28	ug/l #	48
13) Acrolein	2.485	56	791	1.81	ug/l	98
14) Allyl chloride	2.919	41	1051	0.27	ug/l #	53
15) Acrylonitrile	3.333	53	2366	1.53	ug/l #	24
16) Acetone	2.642	43	3247	2.34	ug/l	94
17) Carbon Disulfide	2.780	76	7863	1.30	ug/l	99
18) Methyl Acetate	2.954	43	2027	0.54	ug/l #	59
20) Methylene Chloride	3.041	84	967	Below Cal	#	40
21) trans-1,2-Dichloroethene	3.346	96	1005	0.48	ug/l	88
25) 2-Butanone	4.726	43	2174	1.04	ug/l #	79
27) cis-1,2-Dichloroethene	4.665	96	727	0.30	ug/l	87
29) Tetrahydrofuran	5.063	42	2680	1.88	ug/l #	73
31) Cyclohexane	5.372	56	4782	1.16	ug/l #	18
36) 1,1-Dichloropropene	5.520	75	868	0.29	ug/l #	74
38) Carbon Tetrachloride	5.369	117	19107	6.11	ug/l #	16
39) Methylcyclohexane	6.755	83	850	0.24	ug/l #	85
42) 1,2-Dichloroethane	5.800	62	849	0.25	ug/l #	74
43) Isopropyl Acetate	5.922	43	1298	0.22	ug/l #	70
44) Trichloroethene	6.546	130	848	0.40	ug/l	87
46) Dibromomethane	6.922	93	414	0.25	ug/l #	66
48) Methyl methacrylate	6.967	41	631	0.22	ug/l #	84
49) 1,4-Dioxane	7.012	88	716	10.25	ug/l #	35
51) 4-Methyl-2-Pentanone	7.803	43	10698	2.66	ug/l	94
52) Toluene	7.973	92	1125	0.21	ug/l #	68
53) t-1,3-Dichloropropene	8.214	75	881	0.25	ug/l #	81
56) Ethyl methacrylate	8.343	69	1345	0.36	ug/l #	72
59) 2-Hexanone	8.697	43	13372	4.26	ug/l	92
61) 1,2-Dibromoethane	8.922	107	532	0.22	ug/l #	71
64) Tetrachloroethene	8.549	164	680	0.43	ug/l #	80
65) Chlorobenzene	9.449	112	2478	0.49	ug/l	98
67) Ethyl Benzene	9.571	91	3173	0.34	ug/l	93
68) m/p-Xylenes	9.700	106	2588	0.74	ug/l	99

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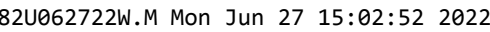
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

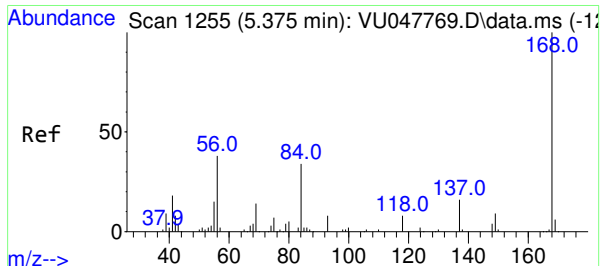
Quant Time: Jun 27 14:21:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:21:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	10.105	106	1032	0.30	ug/l	77
70) Styrene	10.121	104	2744	0.49	ug/l	93
71) Bromoform	10.291	173	398	0.23	ug/l #	80
73) Isopropylbenzene	10.484	105	3525	0.46	ug/l	85
74) N-amyl acetate	10.324	43	5843	1.47	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.787	83	1611	0.50	ug/l #	66
76) 1,2,3-Trichloropropane	10.832	75	2324	0.64	ug/l	99
77) Bromobenzene	10.780	156	1458	0.81	ug/l	69
78) n-propylbenzene	10.906	91	6586	0.71	ug/l	100
79) 2-Chlorotoluene	10.989	91	3702	0.66	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	3528	0.53	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.635	75	63969	66.29	ug/l #	15
82) 4-Chlorotoluene	11.098	91	6494	1.02	ug/l	85
83) tert-Butylbenzene	11.420	119	3644	0.55	ug/l	89
84) 1,2,4-Trimethylbenzene	11.471	105	4701	0.72	ug/l	97
85) sec-Butylbenzene	11.645	105	6346	0.77	ug/l	96
86) p-Isopropyltoluene	11.793	119	6428	0.97	ug/l	93
87) 1,3-Dichlorobenzene	11.745	146	4707	1.36	ug/l	99
88) 1,4-Dichlorobenzene	11.745	146	4707	1.37	ug/l	99
89) n-Butylbenzene	12.211	91	16169	2.70	ug/l	95
90) Hexachloroethane	12.478	117	353	0.26	ug/l	81
91) 1,2-Dichlorobenzene	12.214	146	5195	1.48	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.999	75	1124	1.37	ug/l	75
93) 1,2,4-Trichlorobenzene	13.841	180	11978	5.31	ug/l	95
94) Hexachlorobutadiene	14.018	225	3094	2.83	ug/l	97
95) Naphthalene	14.085	128	85251	10.90	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	14143	6.02	ug/l	97

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

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Response via : Initial Calibration

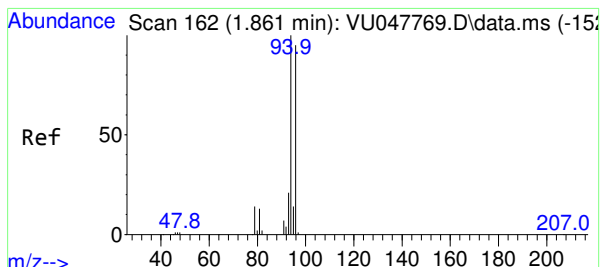
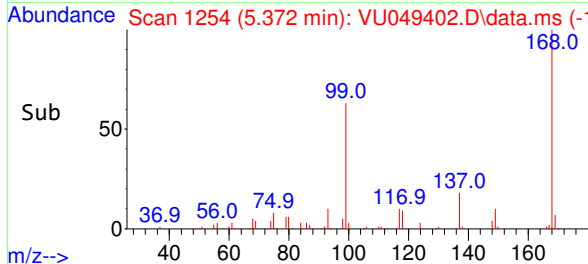
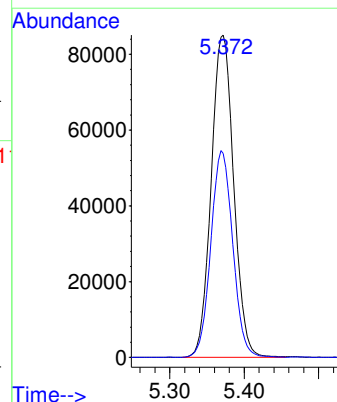
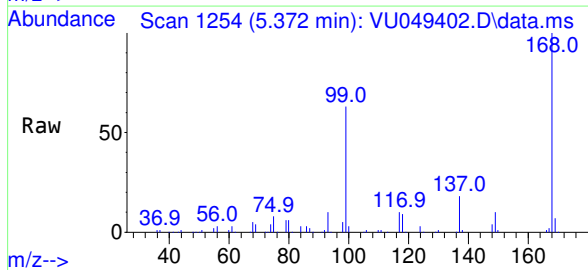




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.372 min Scan# 1
Delta R.T. -0.003 min
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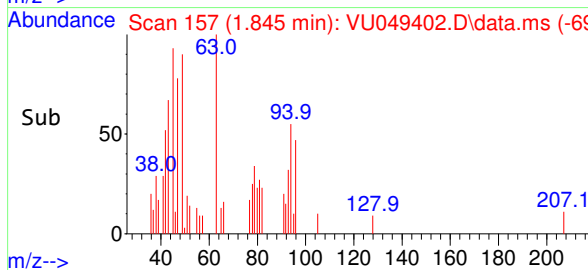
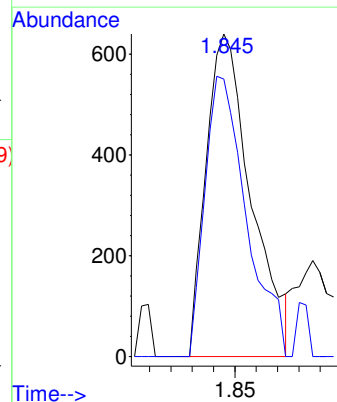
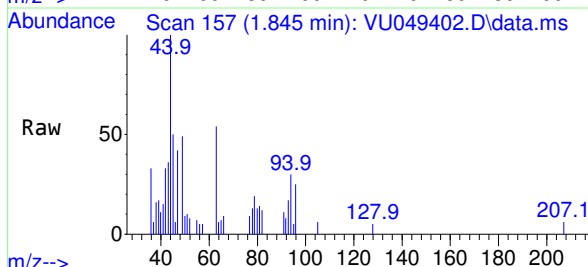
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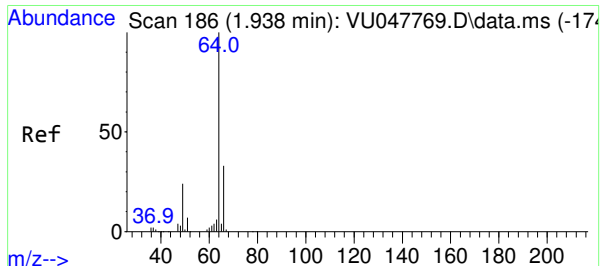
Tgt Ion: 168 Resp: 178772
Ion Ratio Lower Upper
168 100
99 63.2 39.3 58.9#



#5
Bromomethane
Concen: 1.05 ug/l
RT: 1.845 min Scan# 157
Delta R.T. -0.016 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 94 Resp: 940
Ion Ratio Lower Upper
94 100
96 85.9 73.7 110.5

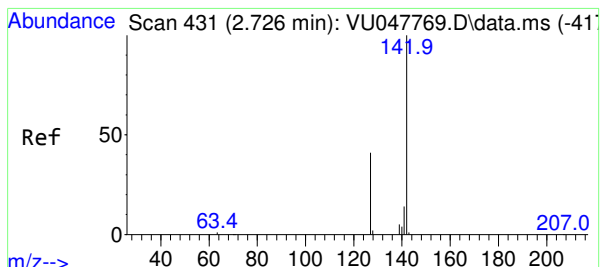
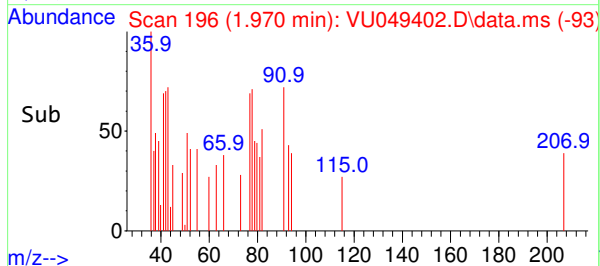
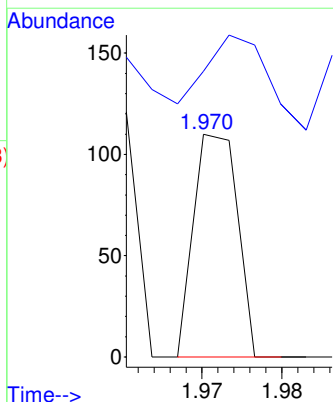
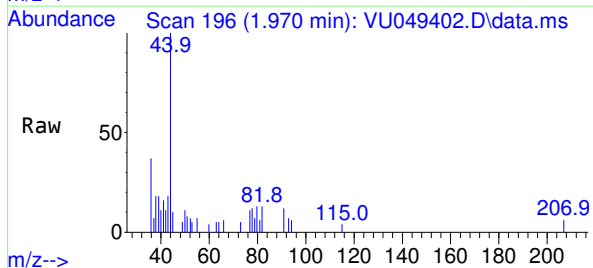




#6
Chloroethane
Concen: 1.95 ug/l
RT: 1.970 min Scan# 1
Delta R.T. 0.032 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

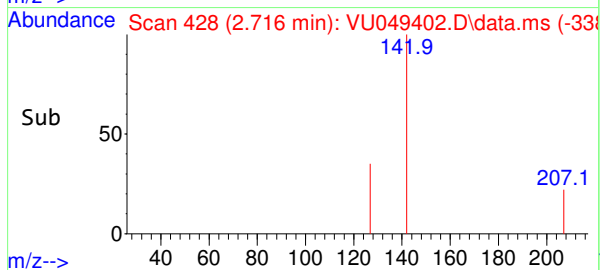
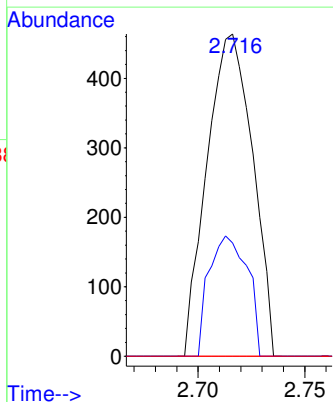
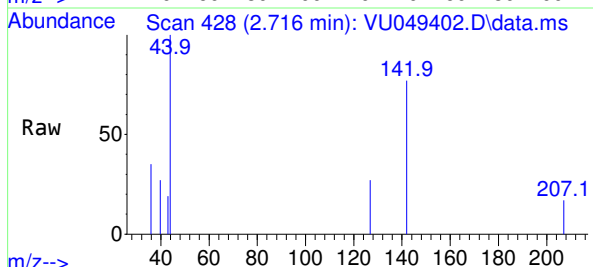
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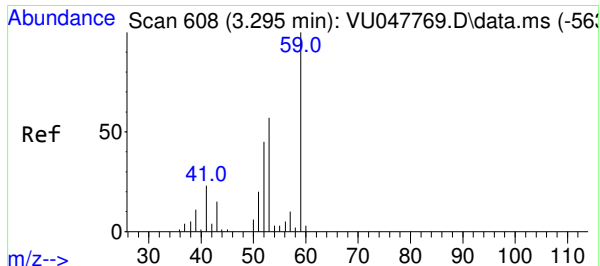
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 14.5 24.7 37.1#



#10
Methyl Iodide
Concen: 7.81 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.010 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 142 Resp: 691
Ion Ratio Lower Upper
142 100
127 31.4 32.5 48.7#
141 0.0 11.4 17.0#

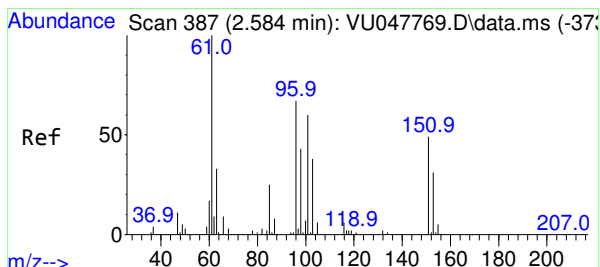
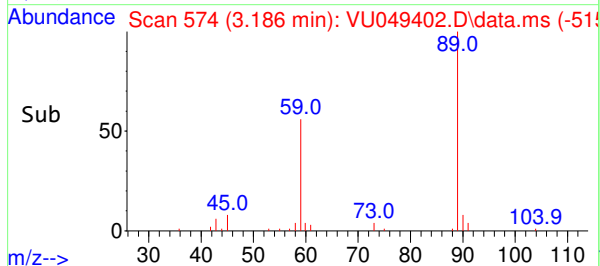
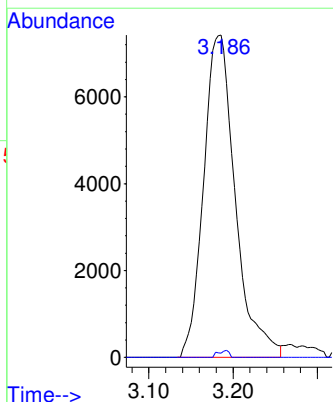
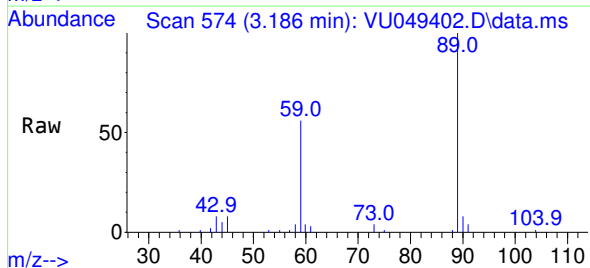




#11
Tert butyl alcohol
Concen: 30.11 ug/l
RT: 3.186 min Scan# 5
Delta R.T. -0.109 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

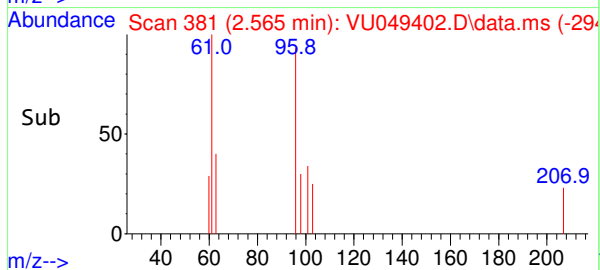
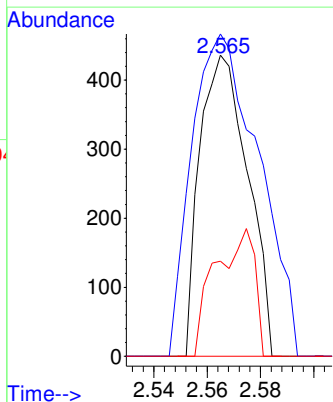
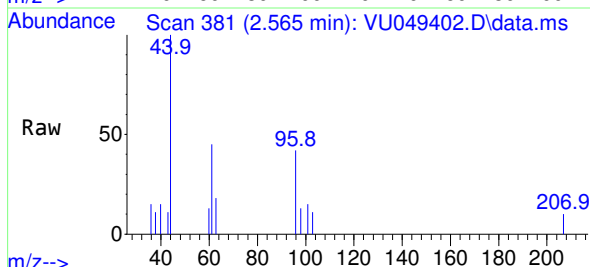
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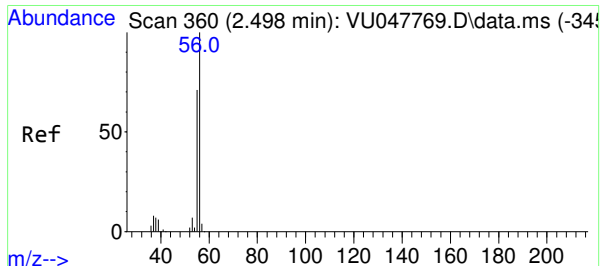
Tgt Ion: 59 Resp: 19405
Ion Ratio Lower Upper
59 100
57 0.7 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 0.28 ug/l
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 96 Resp: 544
Ion Ratio Lower Upper
96 100
61 80.5 122.2 183.2#
98 31.7 50.7 76.1#

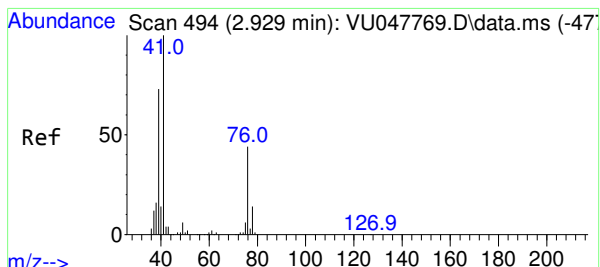
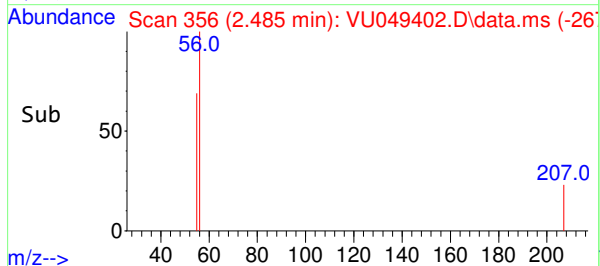
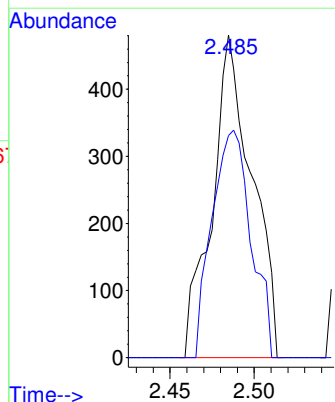
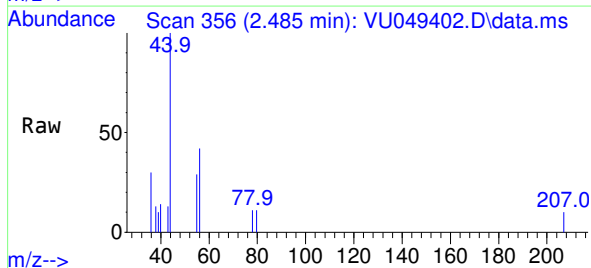




#13
Acrolein
Concen: 1.81 ug/l
RT: 2.485 min Scan# 360
Delta R.T. -0.013 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

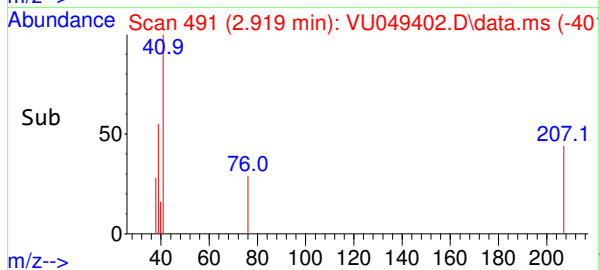
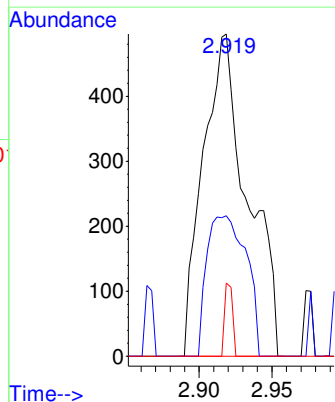
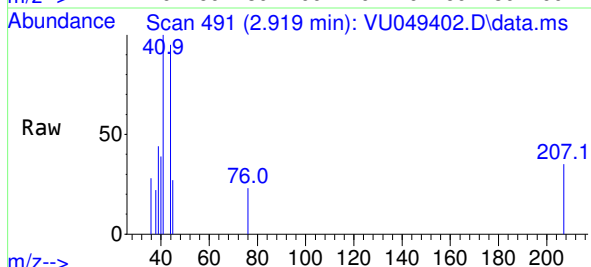
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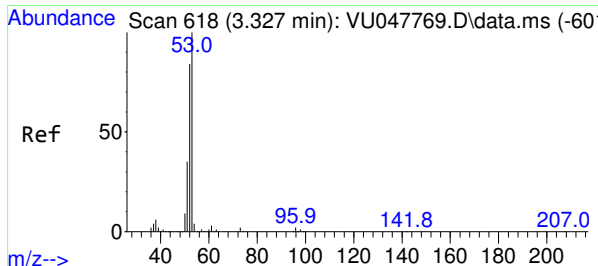
Tgt Ion: 56 Resp: 791
Ion Ratio Lower Upper
56 100
55 69.2 56.6 85.0



#14
Allyl chloride
Concen: 0.27 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.010 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 41 Resp: 1051
Ion Ratio Lower Upper
41 100
39 38.4 53.4 80.2#
76 0.0 33.8 50.6#

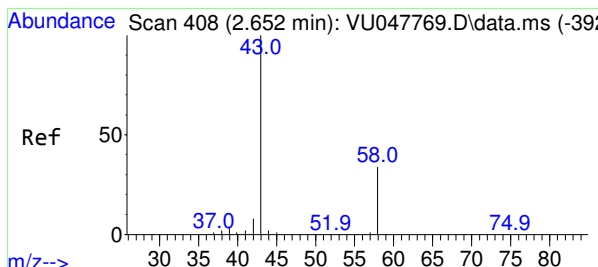
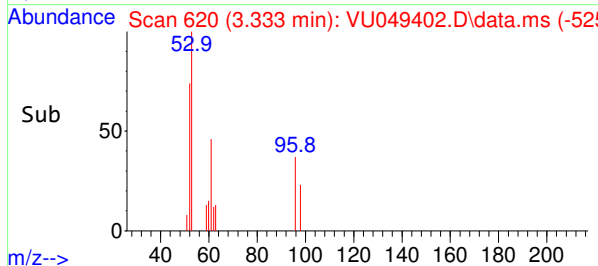
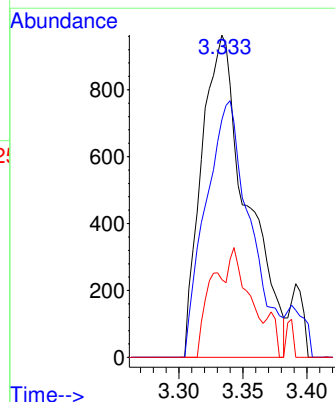
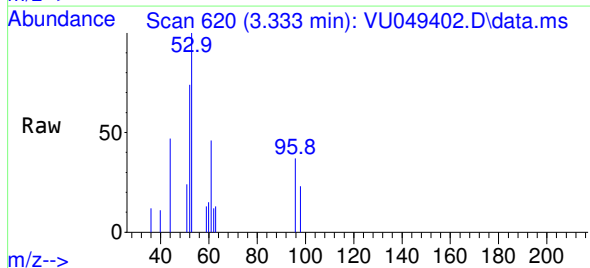




#15
Acrylonitrile
Concen: 1.53 ug/l
RT: 3.333 min Scan# 618
Delta R.T. 0.006 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

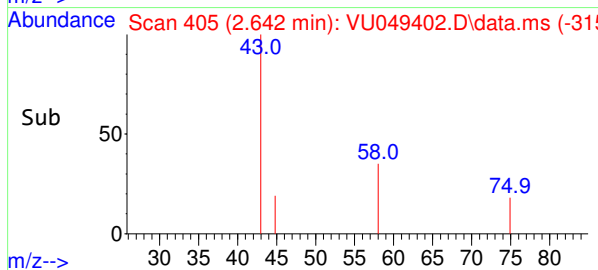
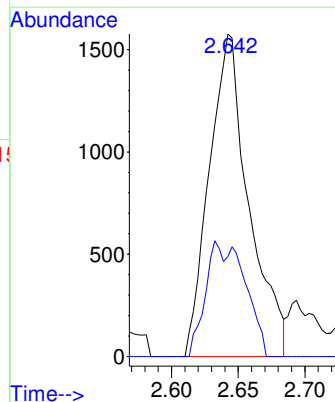
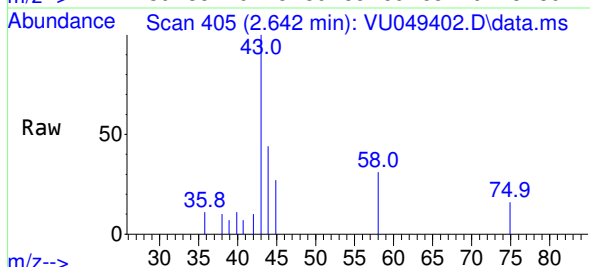
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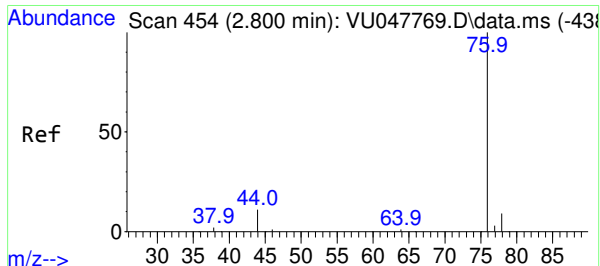
Tgt Ion: 53 Resp: 2366
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 12.0 28.2 42.4#



#16
Acetone
Concen: 2.34 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.010 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 31.1 27.5 41.3

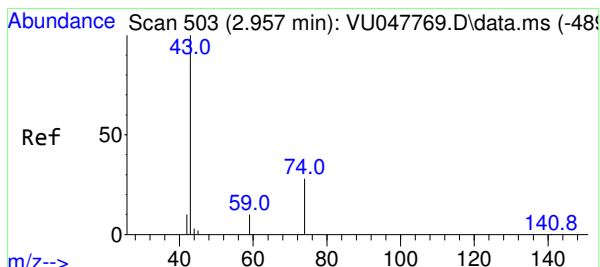
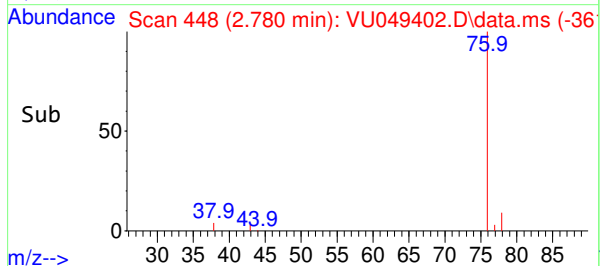
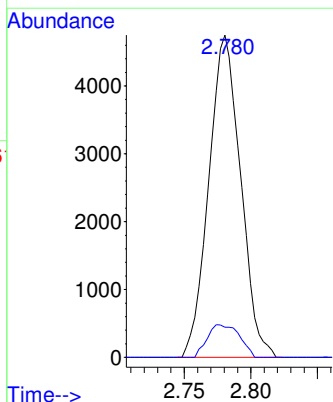
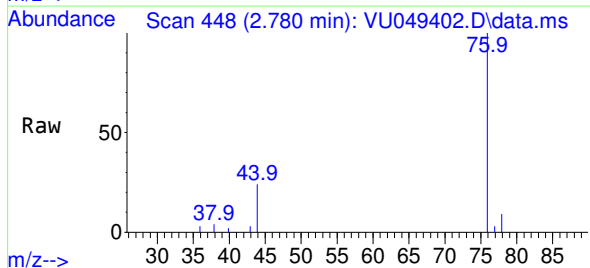




#17
Carbon Disulfide
Concen: 1.30 ug/l
RT: 2.780 min Scan# 4
Delta R.T. -0.019 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

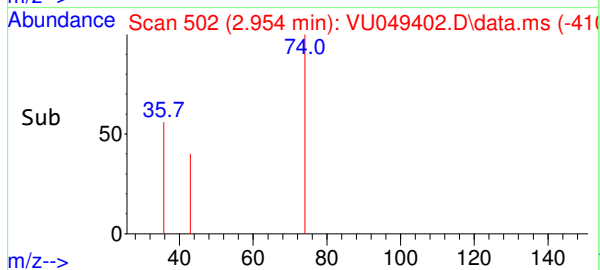
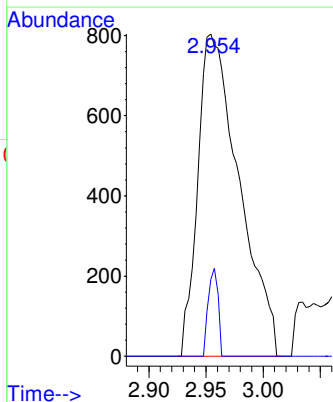
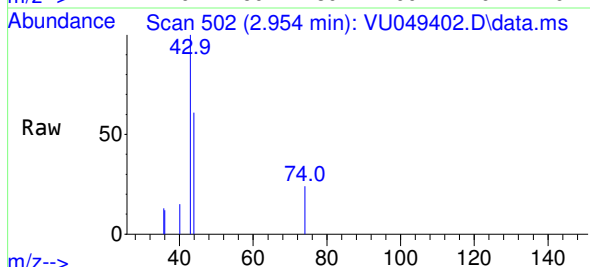
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

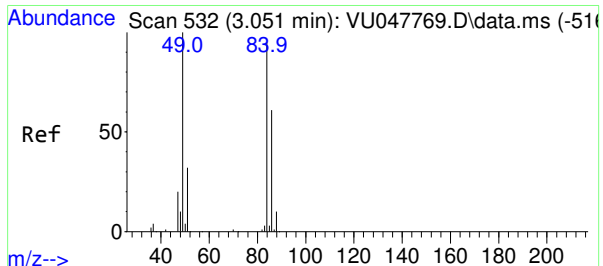
Tgt Ion: 76 Resp: 7863
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 0.54 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
74 6.5 22.5 33.7#



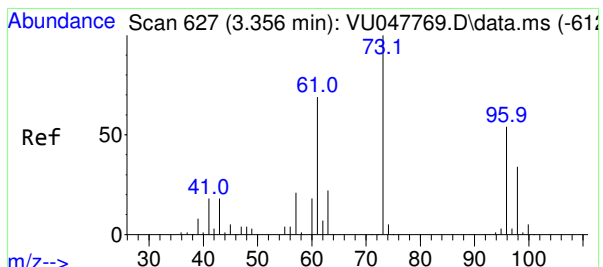
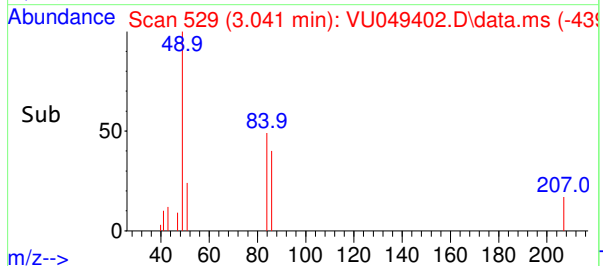
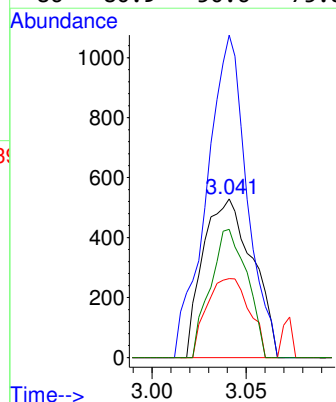
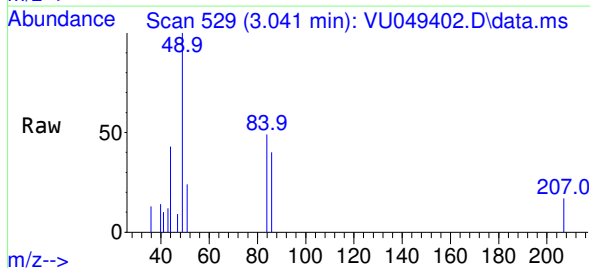


#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 967

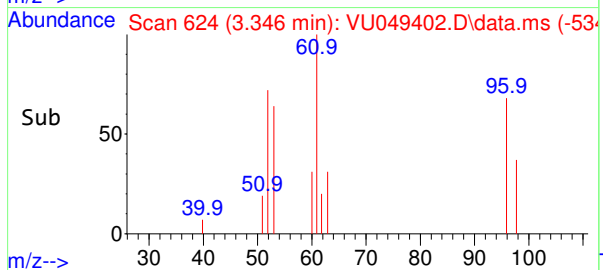
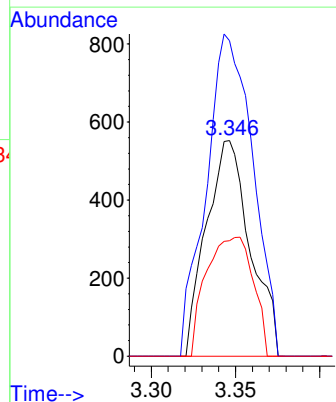
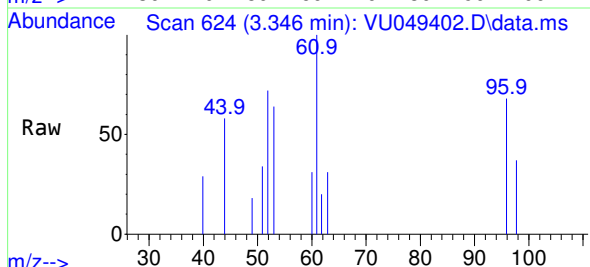
Ion	Ratio	Lower	Upper
84	100		
49	203.4	86.6	129.8#
51	49.7	26.6	40.0#
86	80.9	50.6	75.8#

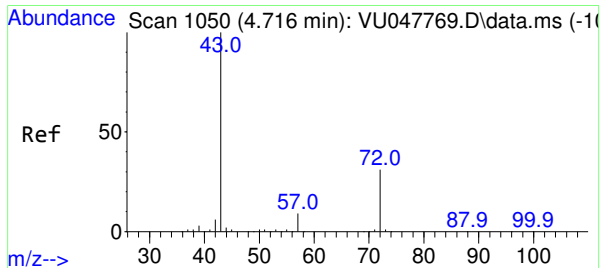


#21
trans-1,2-Dichloroethene
Concen: 0.48 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.010 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 96 Resp: 1005

Ion	Ratio	Lower	Upper
96	100		
61	146.1	106.1	159.1
98	53.5	50.8	76.2

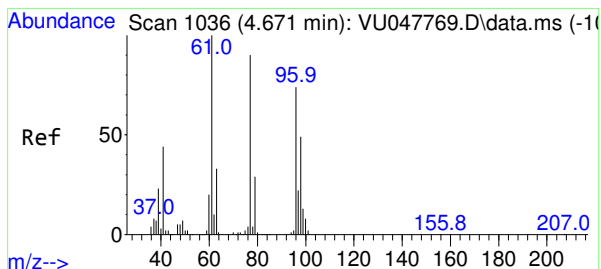
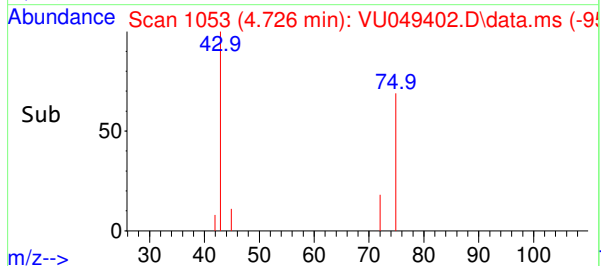
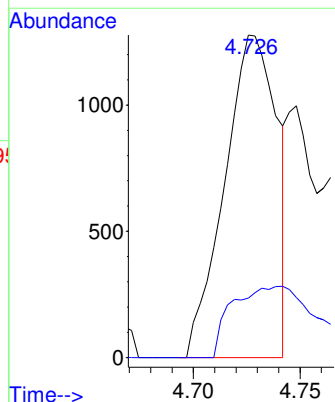
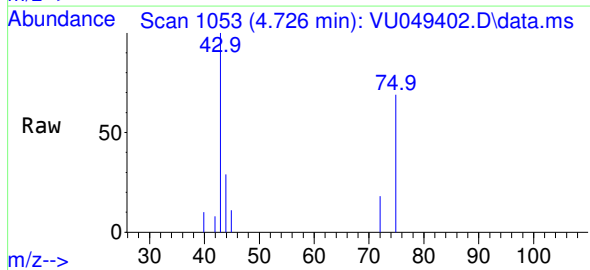




#25
2-Butanone
Concen: 1.04 ug/l
RT: 4.726 min Scan# 1
Delta R.T. 0.009 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

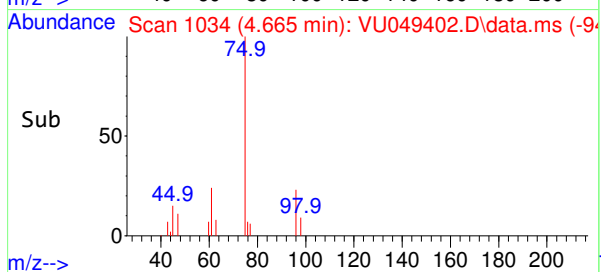
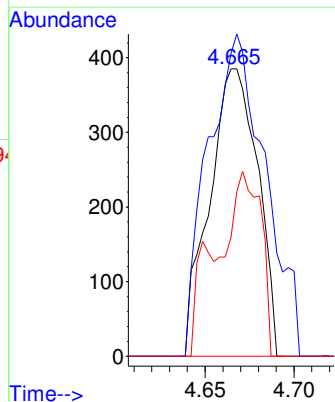
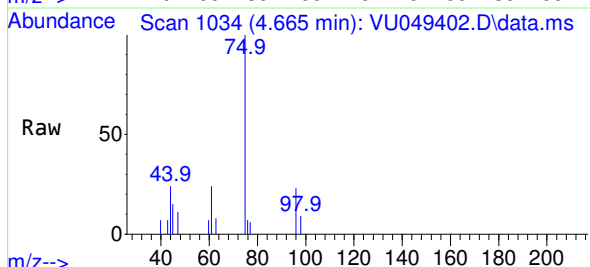
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

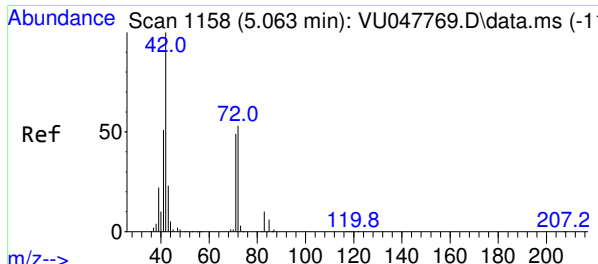
Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
72 18.4 23.8 35.6#



#27
cis-1,2-Dichloroethene
Concen: 0.30 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.007 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 96 Resp: 727
Ion Ratio Lower Upper
96 100
61 132.0 0.0 271.6
98 38.0 0.0 128.2

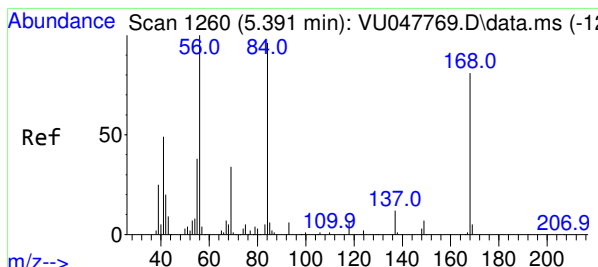
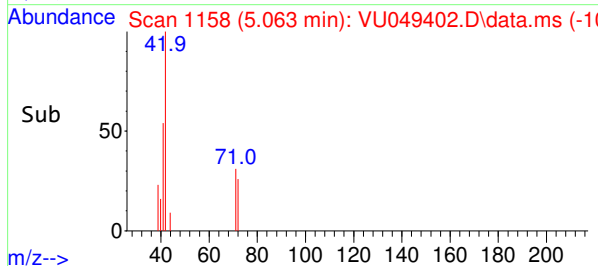
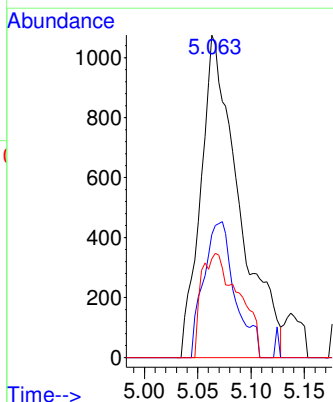
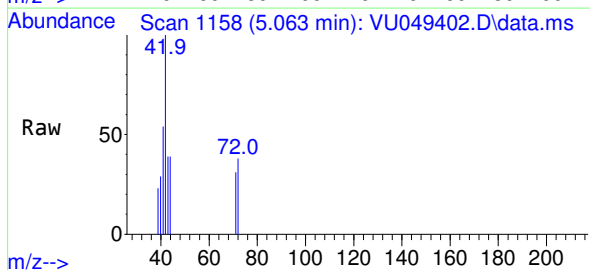




#29
Tetrahydrofuran
Concen: 1.88 ug/l
RT: 5.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

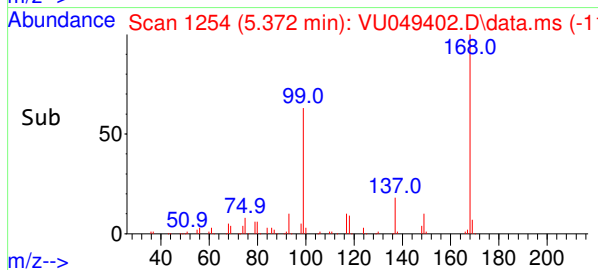
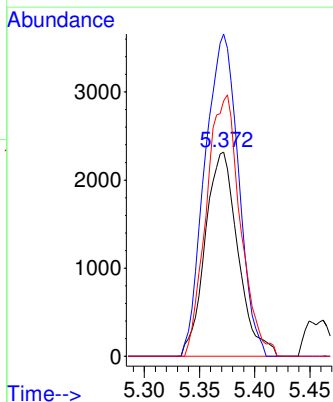
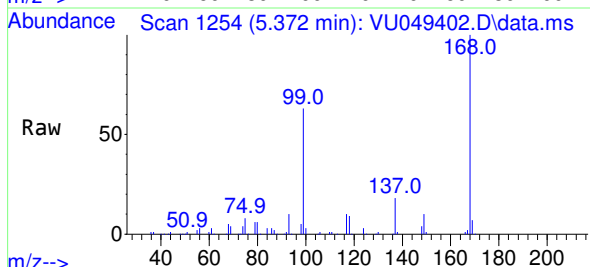
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

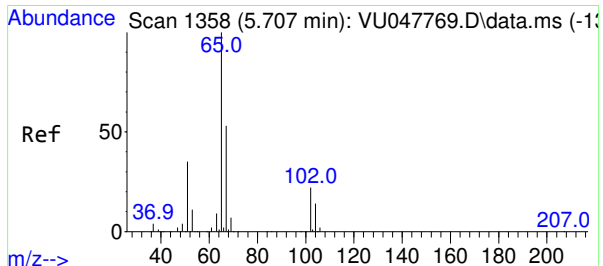
Tgt Ion: 42 Resp: 2680
Ion Ratio Lower Upper
42 100
72 34.4 42.6 63.8#
71 31.4 40.3 60.5#



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 56 Resp: 4782
Ion Ratio Lower Upper
56 100
69 157.8 27.8 41.8#
84 125.0 74.2 111.4#

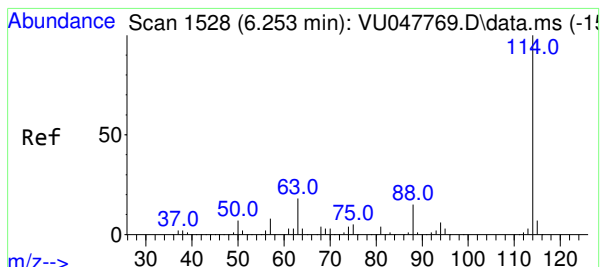
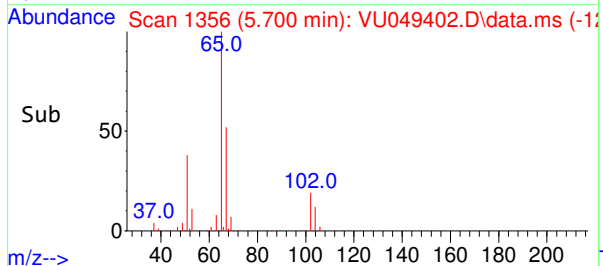
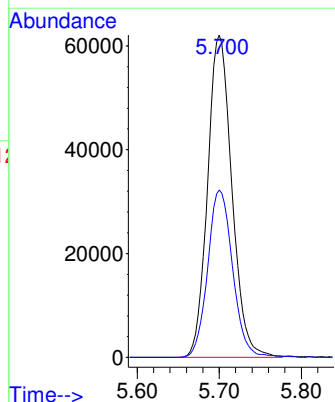
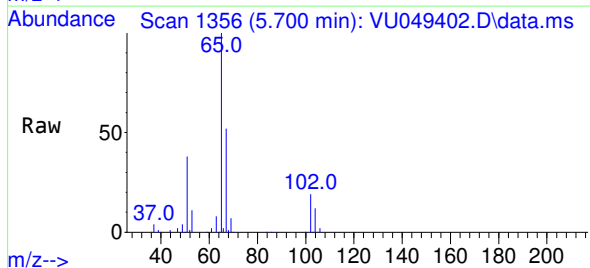




#33
1,2-Dichloroethane-d4
Concen: 46.36 ug/l
RT: 5.700 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

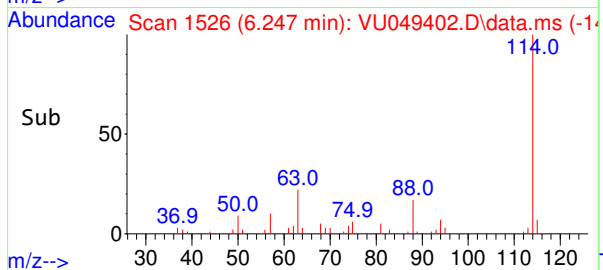
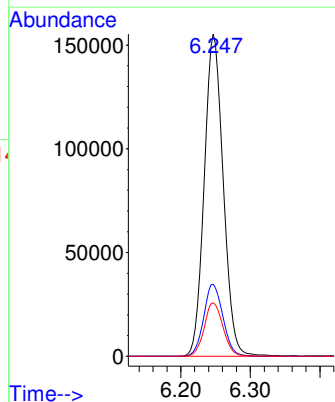
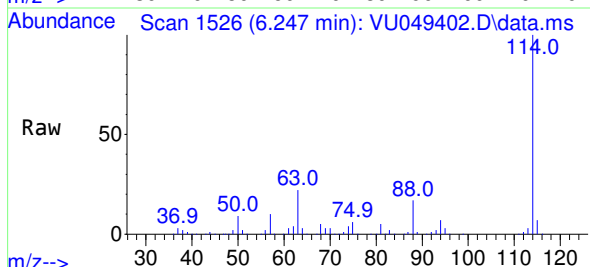
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

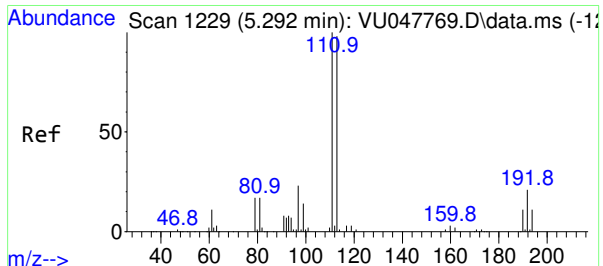
Tgt Ion: 65 Resp: 127644
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.247 min Scan# 1526
Delta R.T. -0.007 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 114 Resp: 293977
Ion Ratio Lower Upper
114 100
63 22.4 0.0 37.8
88 16.6 0.0 29.2

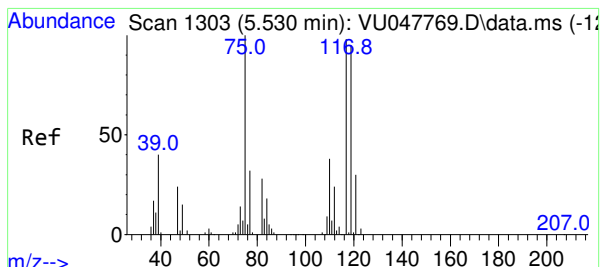
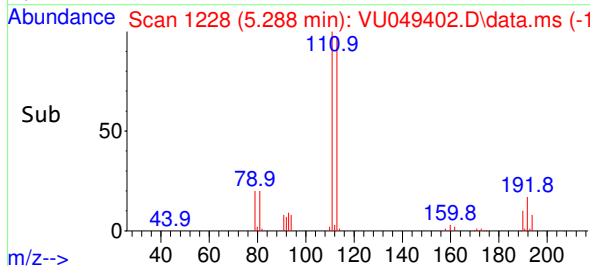
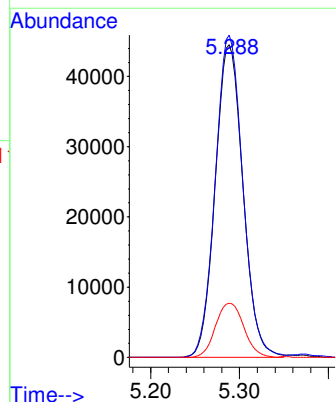
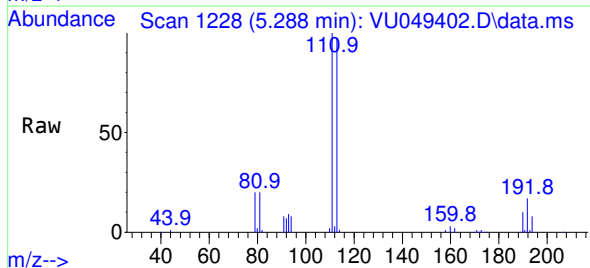




#35
Dibromofluoromethane
Concen: 46.90 ug/l
RT: 5.288 min Scan# 113
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

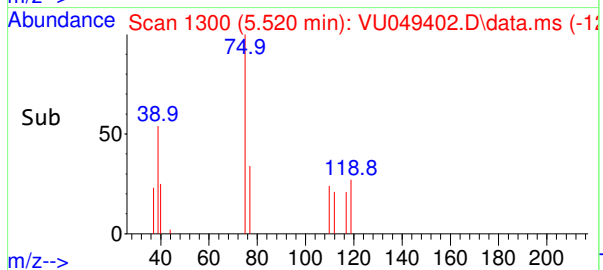
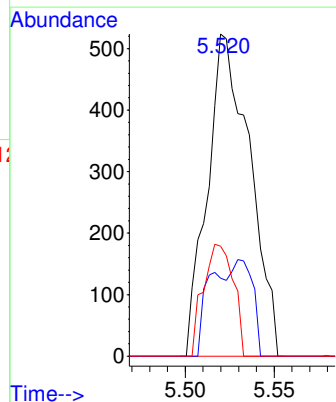
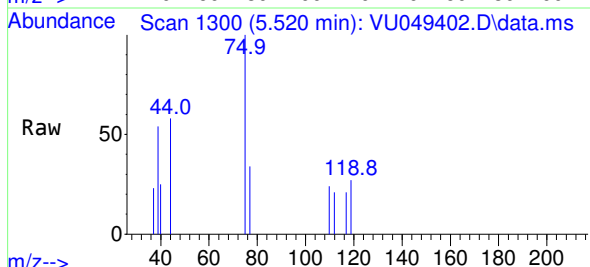
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

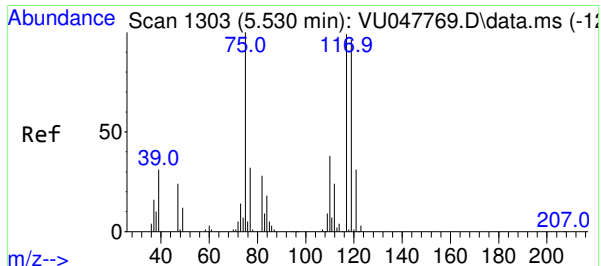
Tgt Ion:113 Resp: 96454
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 17.7 18.0 27.0#



#36
1,1-Dichloropropene
Concen: 0.29 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.010 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 75 Resp: 868
Ion Ratio Lower Upper
75 100
110 13.9 18.4 55.2#
77 24.7 25.1 37.7#

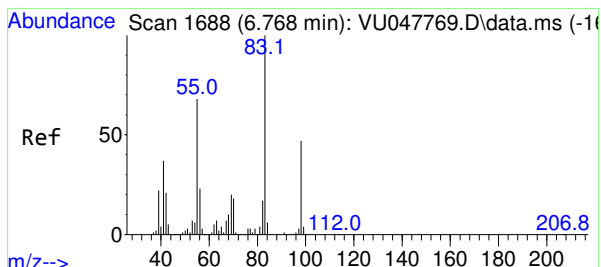
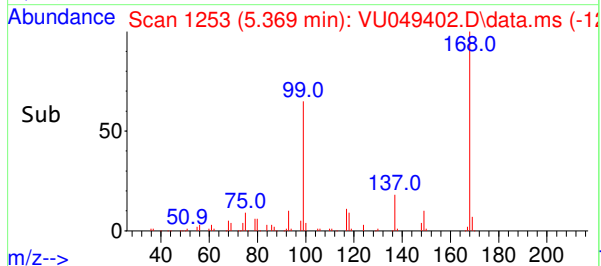
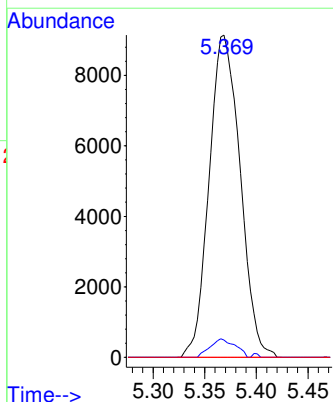
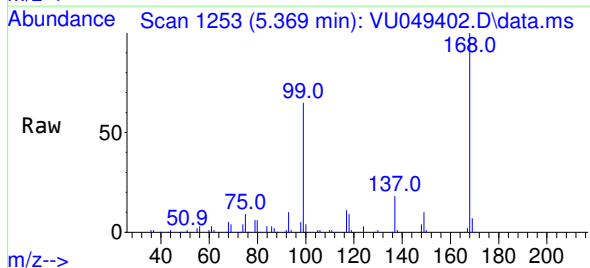




#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 5.369 min Scan# 1
Delta R.T. -0.161 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

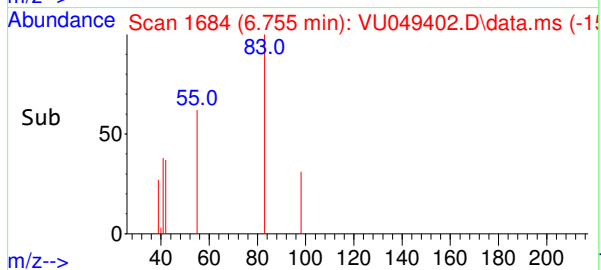
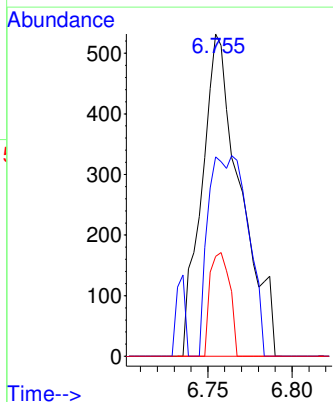
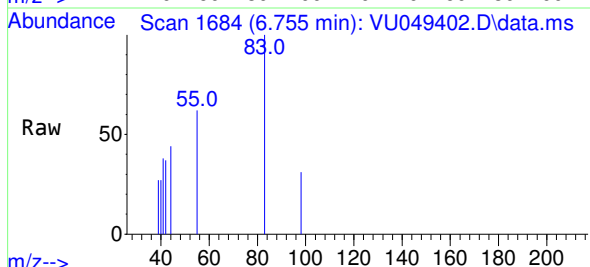
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

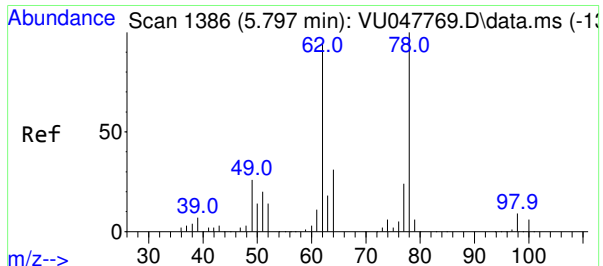
Tgt Ion: 117 Resp: 19107
Ion Ratio Lower Upper
117 100
119 5.4 76.8 115.2#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 0.24 ug/l
RT: 6.755 min Scan# 1684
Delta R.T. -0.013 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 83 Resp: 850
Ion Ratio Lower Upper
83 100
55 61.8 55.3 82.9
98 31.0 37.3 55.9#

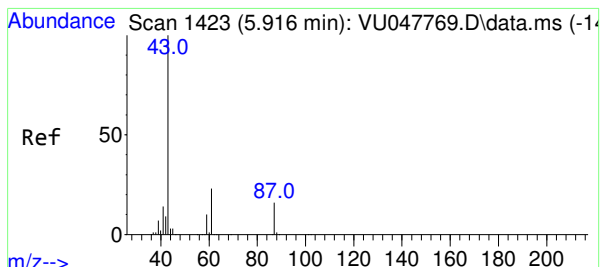
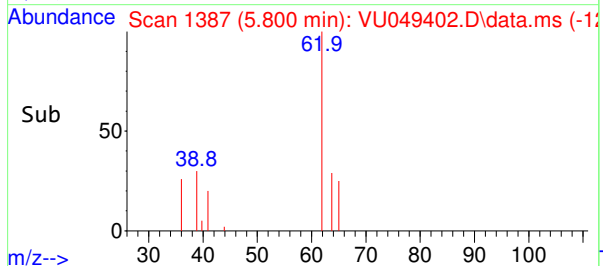
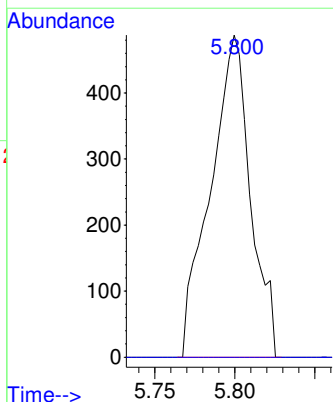
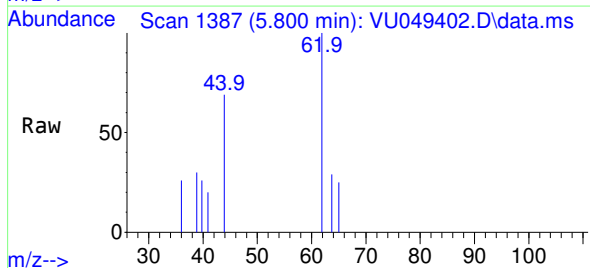




#42
1,2-Dichloroethane
Concen: 0.25 ug/l
RT: 5.800 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

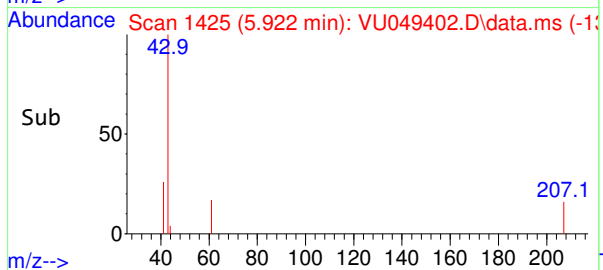
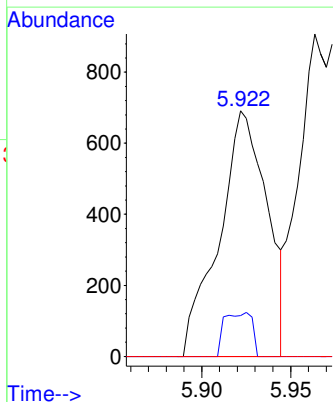
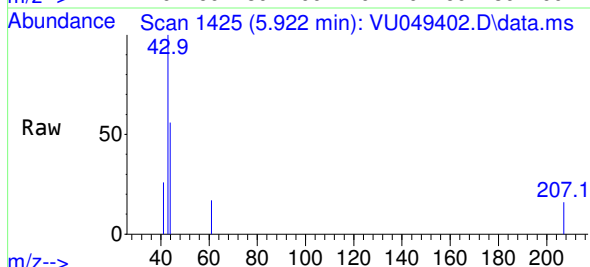
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

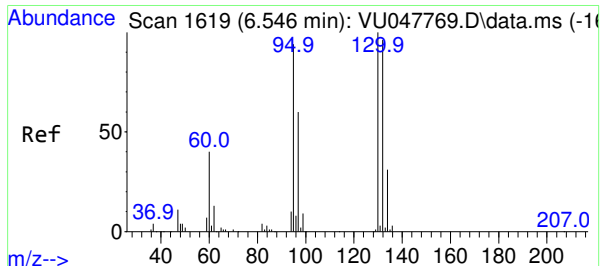
Tgt Ion: 62 Resp: 849
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6



#43
Isopropyl Acetate
Concen: 0.22 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
61 10.2 17.4 26.0#
87 0.0 12.6 18.8#

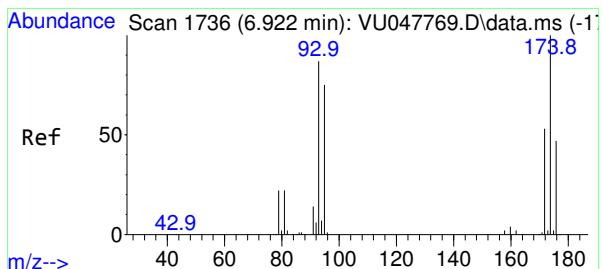
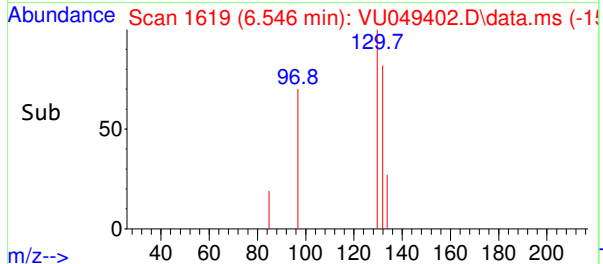
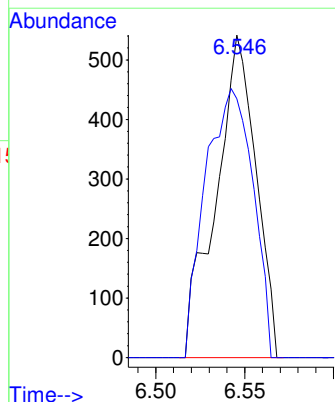
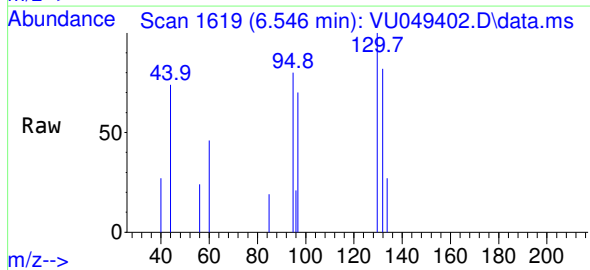




#44
Trichloroethene
Concen: 0.40 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

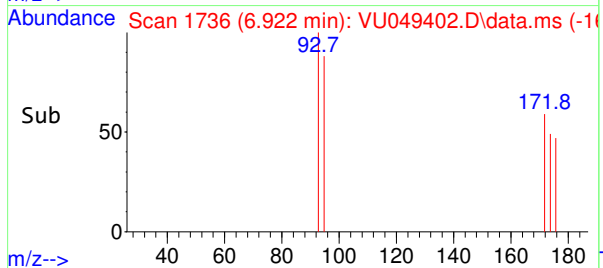
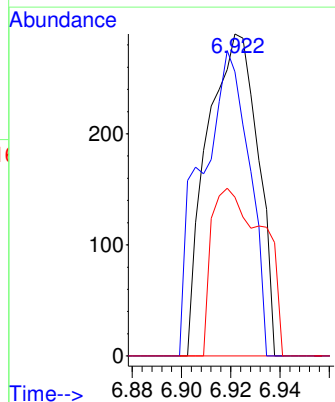
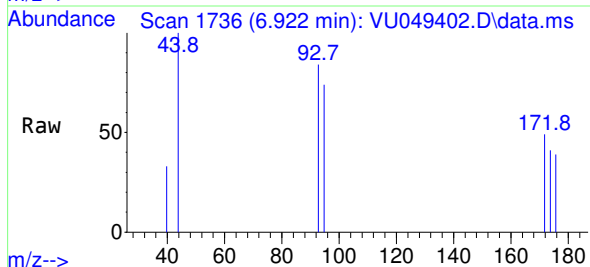
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

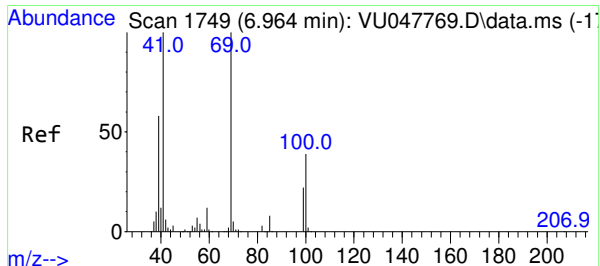
Tgt Ion:130 Resp: 848
Ion Ratio Lower Upper
130 100
95 80.3 0.0 184.6



#46
Dibromomethane
Concen: 0.25 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 93 Resp: 414
Ion Ratio Lower Upper
93 100
95 89.4 66.3 99.5
174 52.9 88.2 132.4#

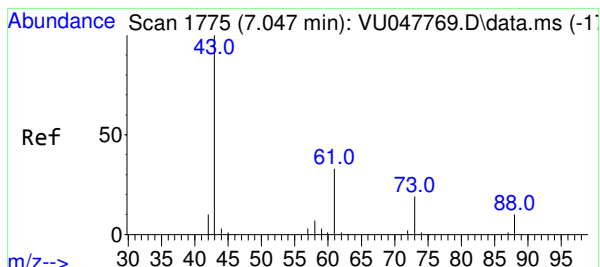
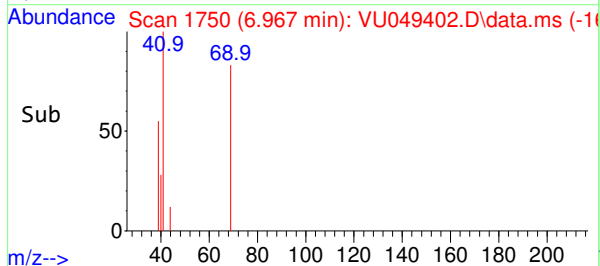
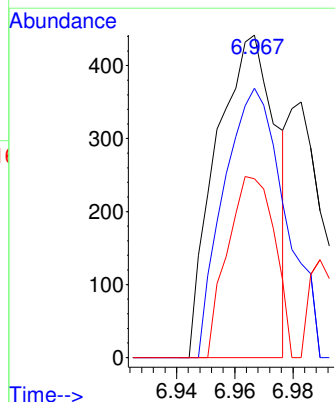
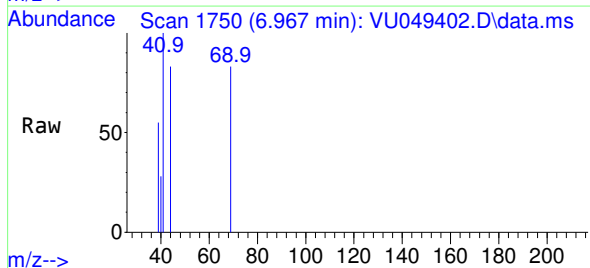




#48
Methyl methacrylate
Concen: 0.22 ug/l
RT: 6.967 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

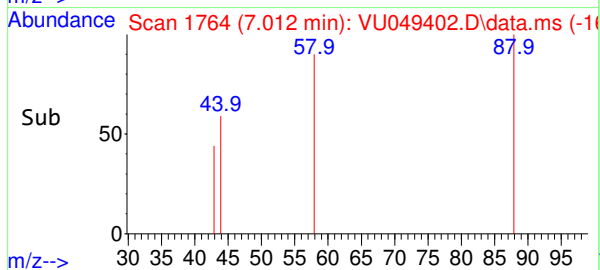
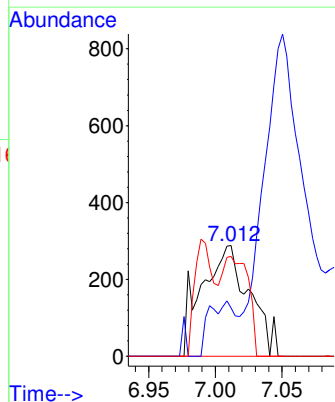
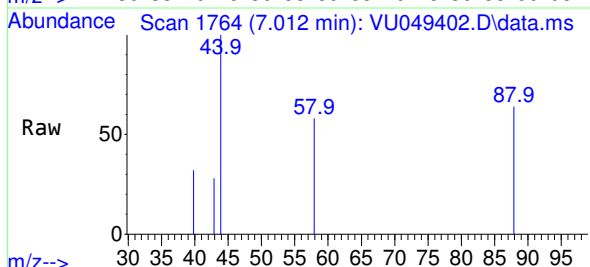
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

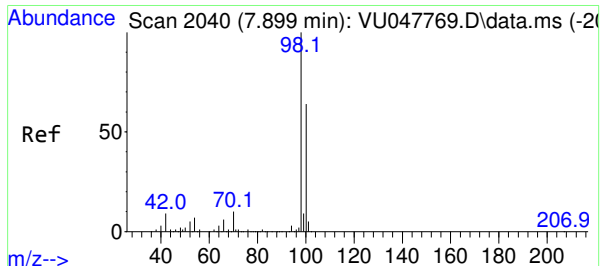
Tgt Ion:	41	Resp:	631
Ion	Ratio	Lower	Upper
41	100		
69	85.9	79.8	119.6
39	44.2	47.9	71.9#



#49
1,4-Dioxane
Concen: 10.25 ug/l
RT: 7.012 min Scan# 1764
Delta R.T. -0.036 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	88	Resp:	716
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	48.6	15.4	23.0#

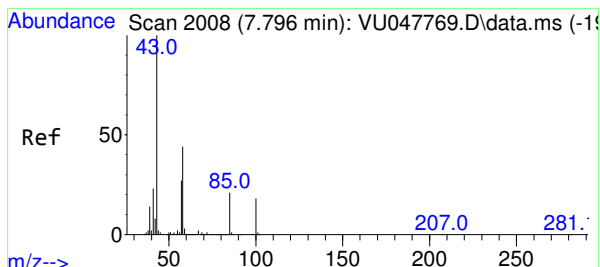
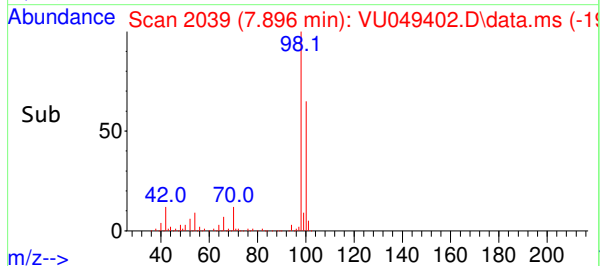
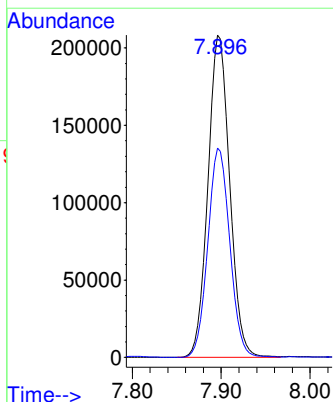
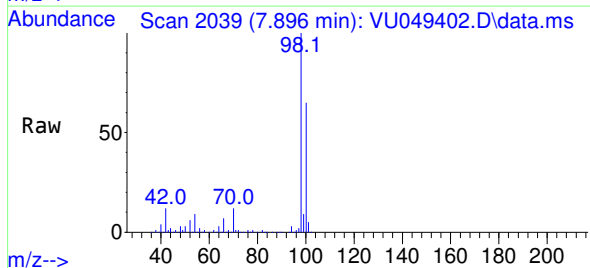




#50
Toluene-d8
Concen: 48.40 ug/l
RT: 7.896 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

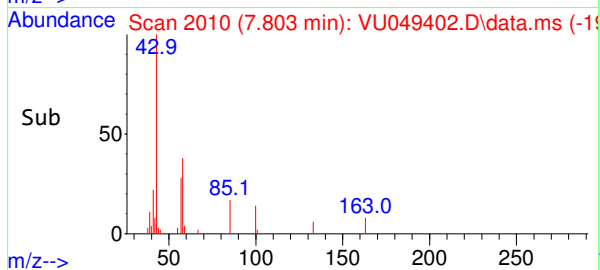
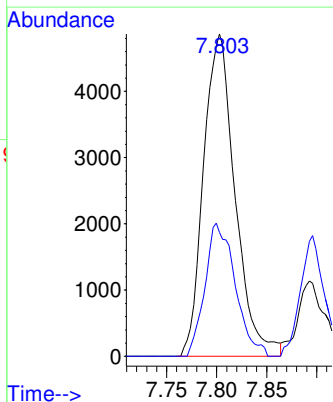
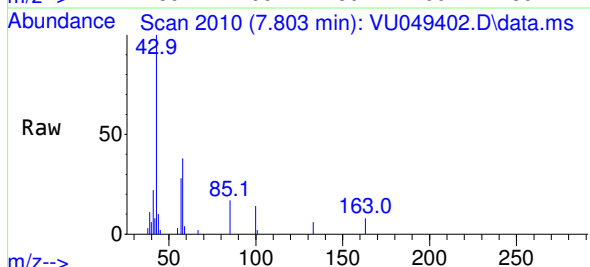
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

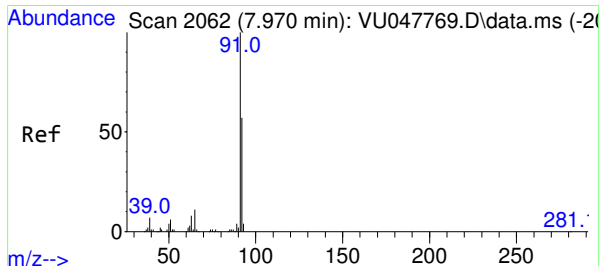
Tgt Ion: 98 Resp: 355076
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.66 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.006 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 43 Resp: 10698
Ion Ratio Lower Upper
43 100
58 39.5 34.7 52.1

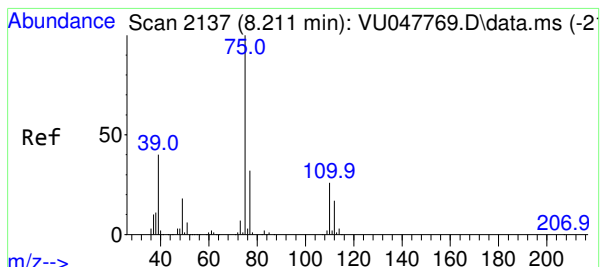
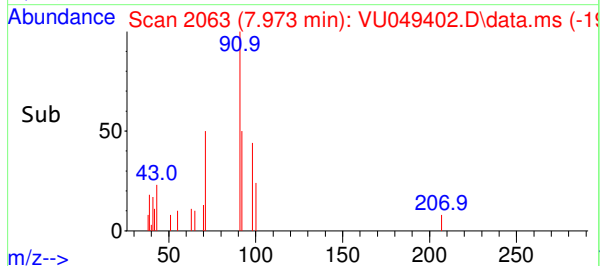
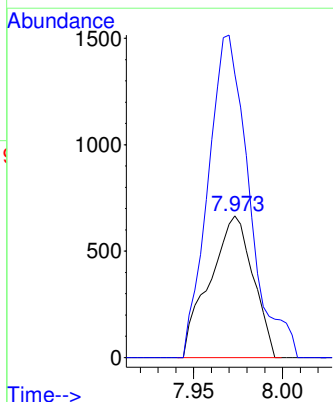
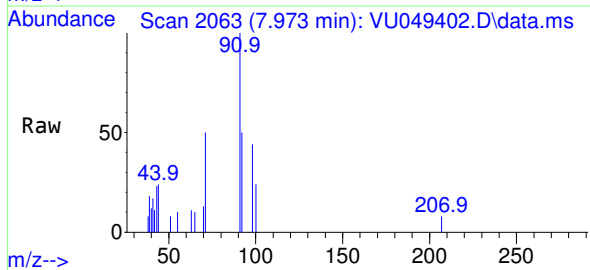




#52
Toluene
Concen: 0.21 ug/l
RT: 7.973 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

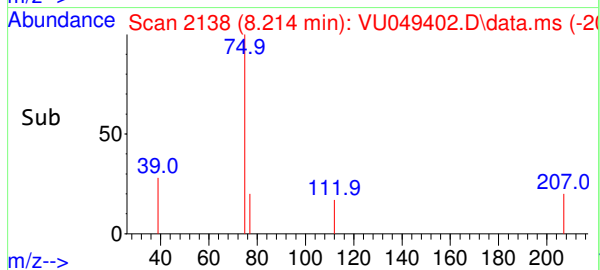
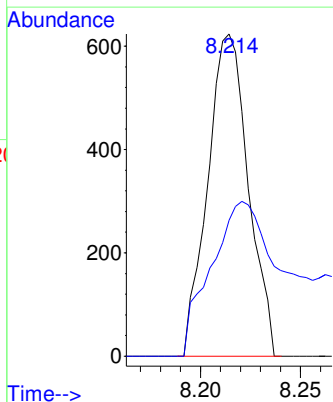
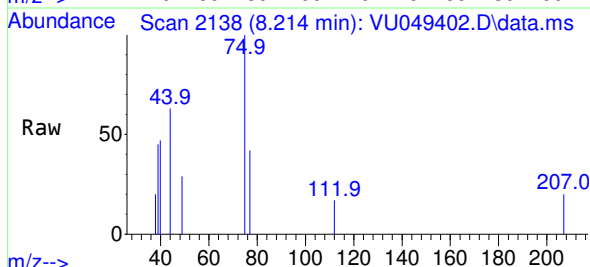
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

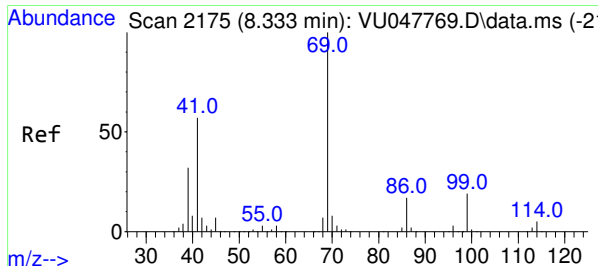
Tgt Ion: 92 Resp: 1125
Ion Ratio Lower Upper
92 100
91 216.5 138.2 207.4#



#53
t-1,3-Dichloropropene
Concen: 0.25 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 75 Resp: 881
Ion Ratio Lower Upper
75 100
77 42.1 25.4 38.0#

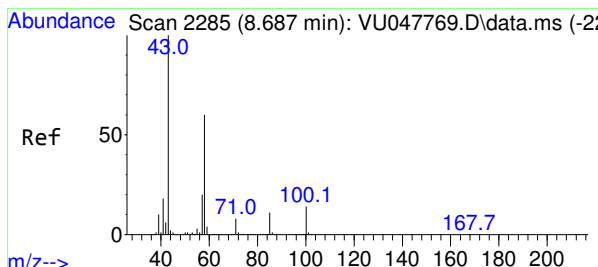
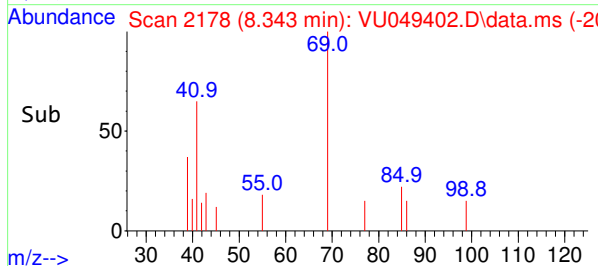
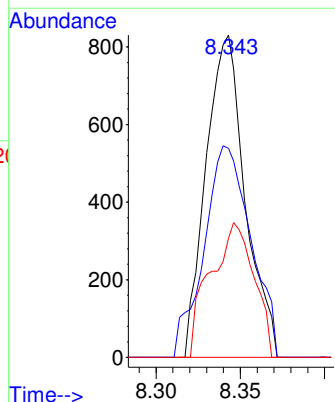
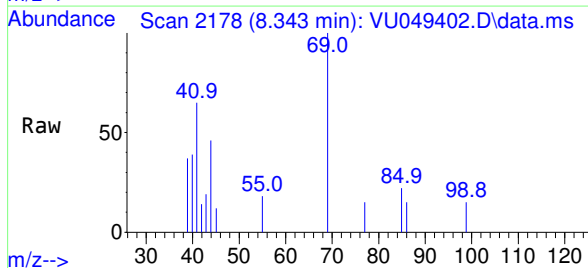




#56
Ethyl methacrylate
Concen: 0.36 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.009 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

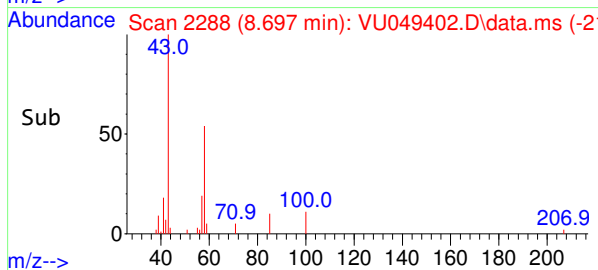
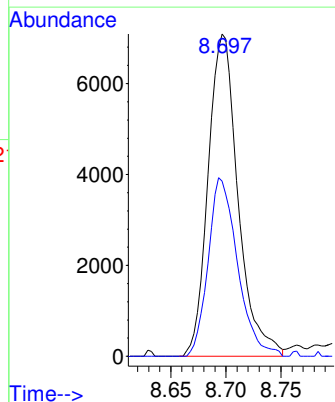
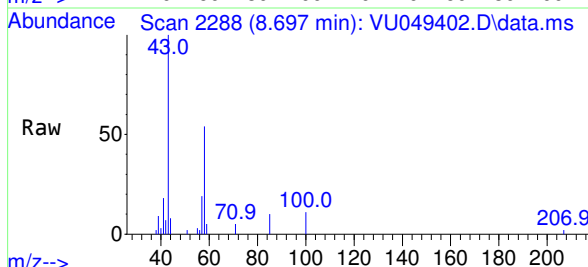
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

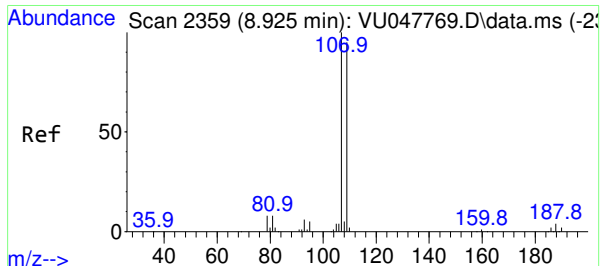
Tgt Ion: 69 Resp: 1345
Ion Ratio Lower Upper
69 100
41 78.7 45.4 68.0#
39 46.5 25.7 38.5#



#59
2-Hexanone
Concen: 4.26 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.009 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 43 Resp: 13372
Ion Ratio Lower Upper
43 100
58 54.4 30.3 90.8

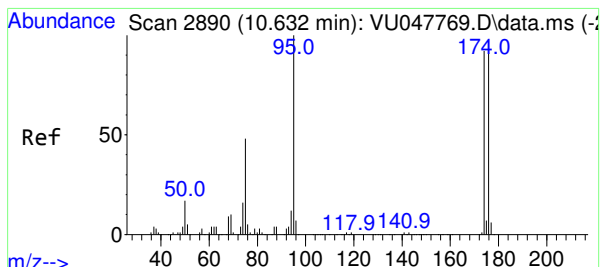
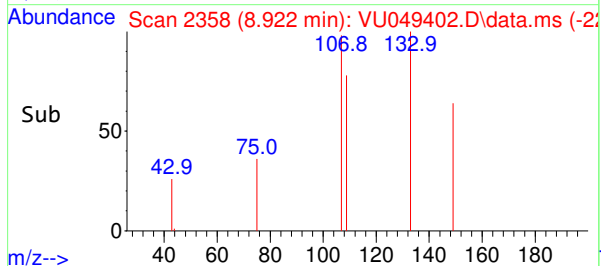
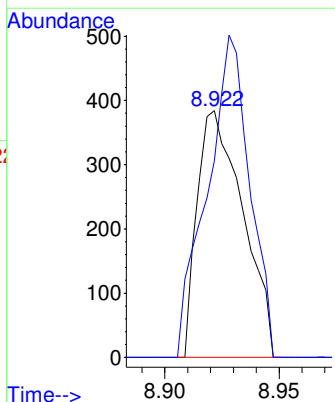
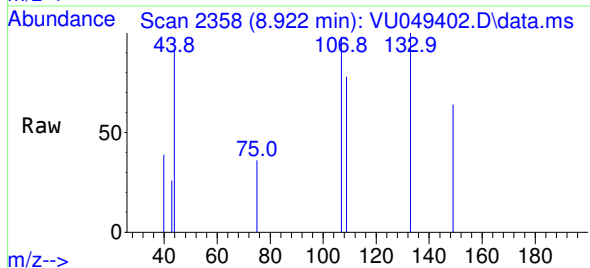




#61
1,2-Dibromoethane
Concen: 0.22 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

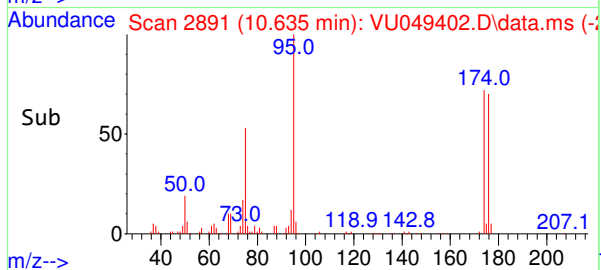
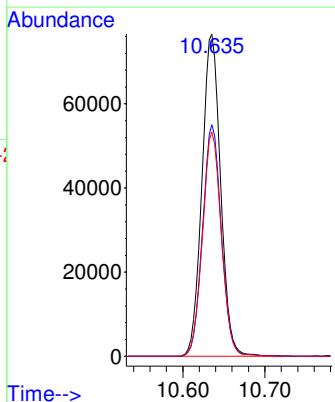
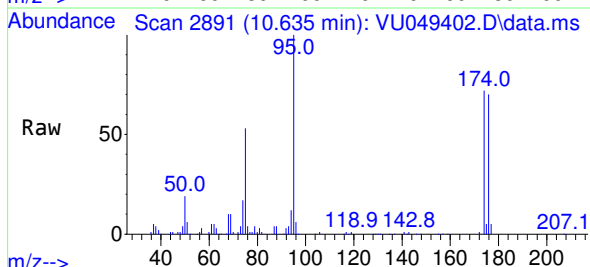
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

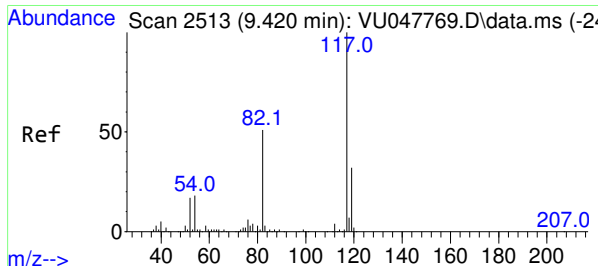
Tgt Ion: 107 Resp: 532
Ion Ratio Lower Upper
107 100
109 121.6 75.1 112.7#



#62
4-Bromofluorobenzene
Concen: 42.97 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 95 Resp: 120741
Ion Ratio Lower Upper
95 100
174 72.8 0.0 182.0
176 70.2 0.0 177.8

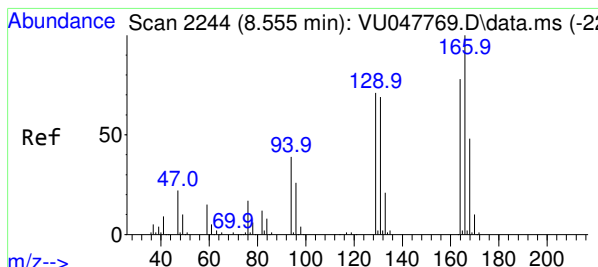
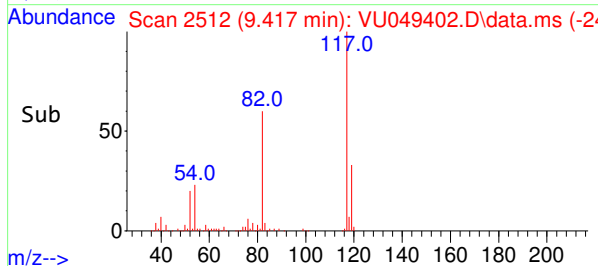
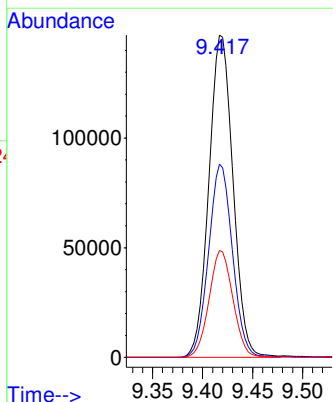
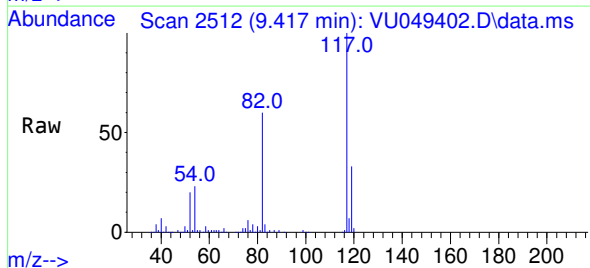




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

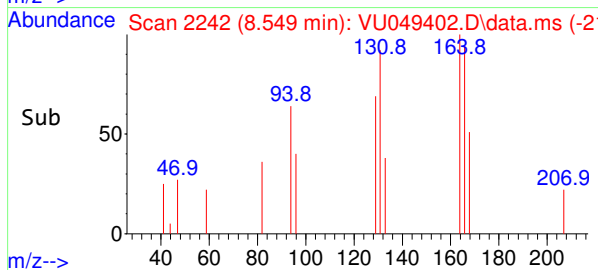
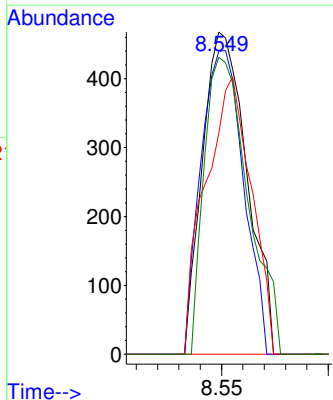
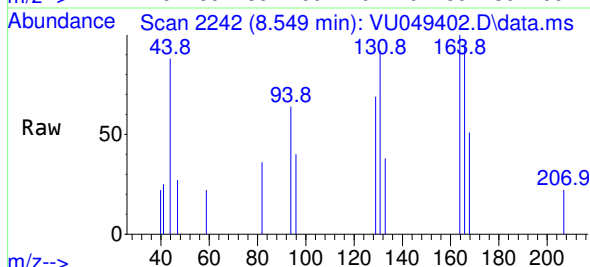
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

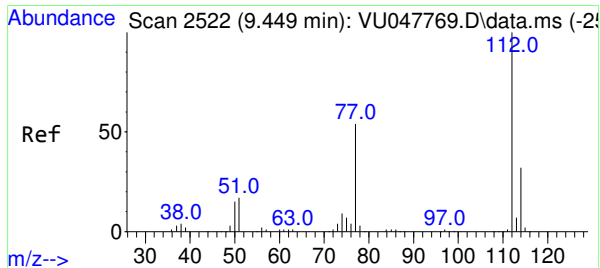
Tgt Ion:117 Resp: 247543
Ion Ratio Lower Upper
117 100
82 60.0 41.7 62.5
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 0.43 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.007 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:164 Resp: 680
Ion Ratio Lower Upper
164 100
166 94.0 100.0 150.0#
129 68.6 72.0 108.0#
131 92.1 69.7 104.5

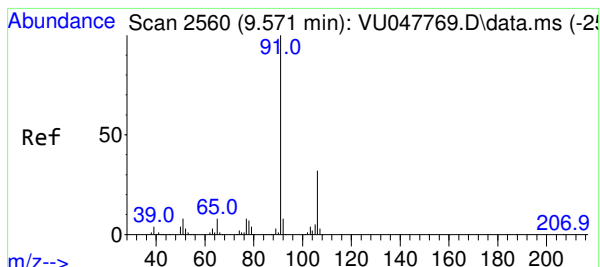
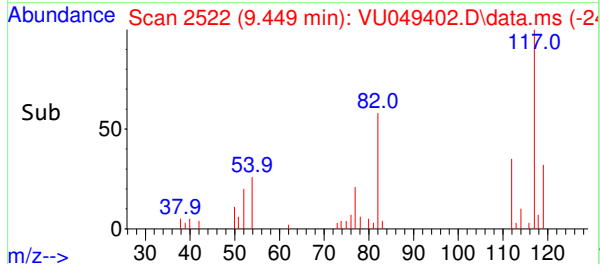
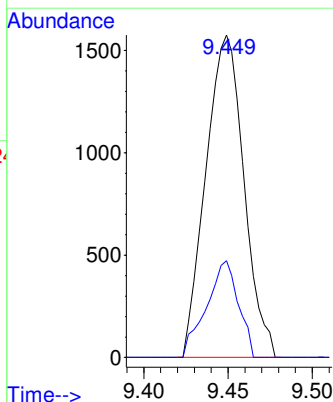
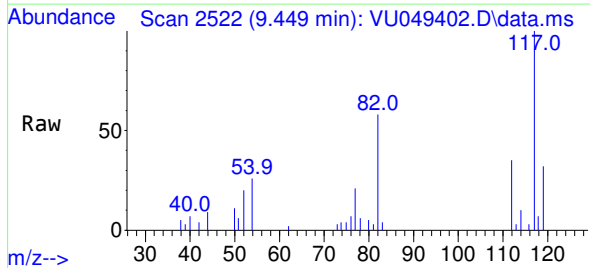




#65
Chlorobenzene
Concen: 0.49 ug/l
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

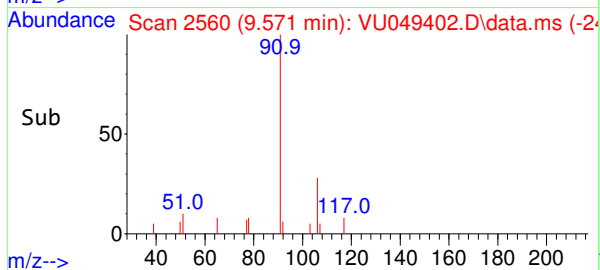
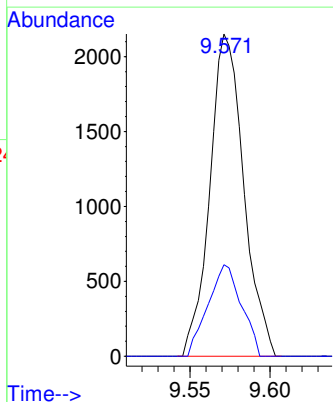
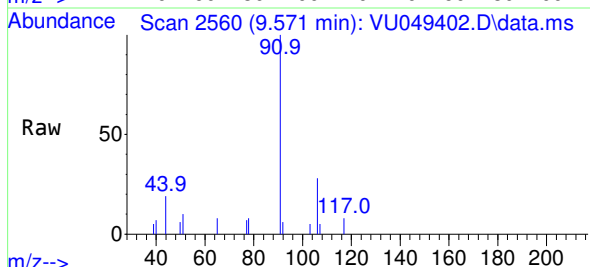
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

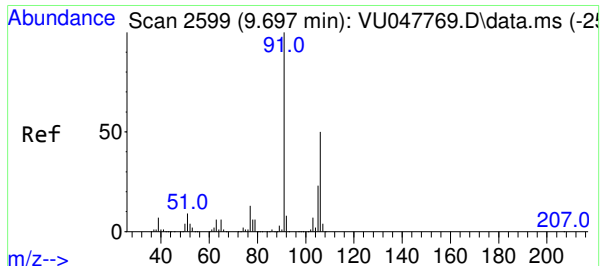
Tgt Ion: 112 Resp: 2478
Ion Ratio Lower Upper
112 100
114 30.0 24.9 37.3



#67
Ethyl Benzene
Concen: 0.34 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 91 Resp: 3173
Ion Ratio Lower Upper
91 100
106 28.3 25.6 38.4

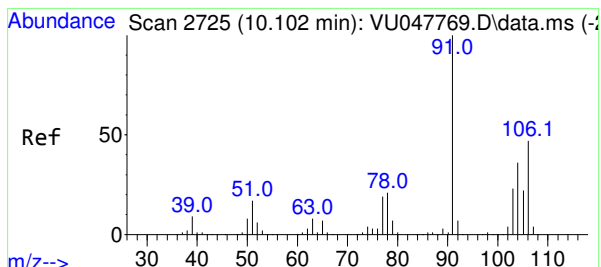
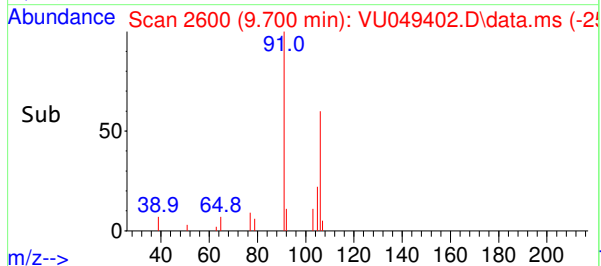
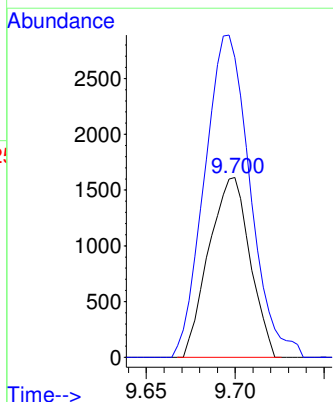
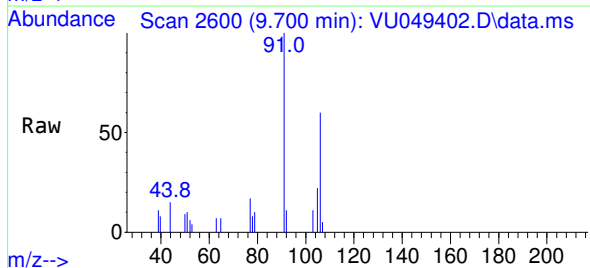




#68
m/p-Xylenes
Concen: 0.74 ug/l
RT: 9.700 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

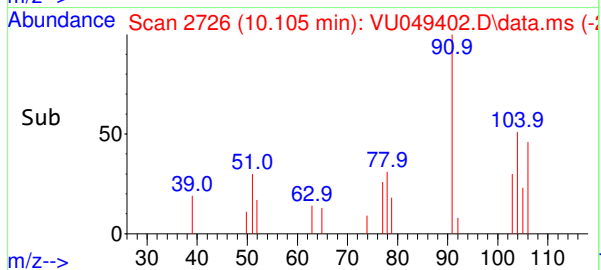
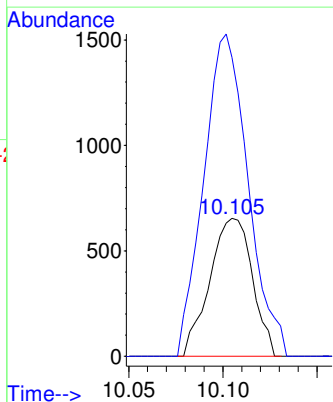
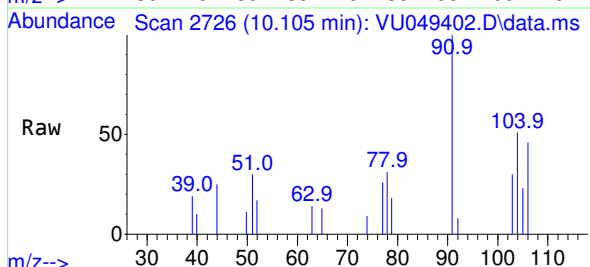
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

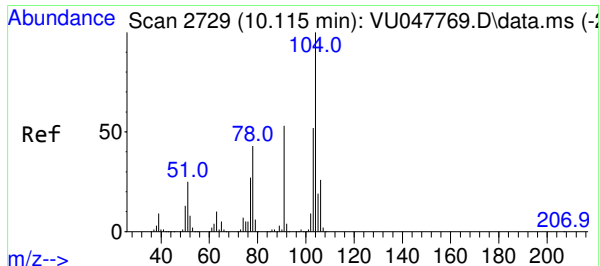
Tgt Ion:106 Resp: 2588
Ion Ratio Lower Upper
106 100
91 198.5 157.2 235.8



#69
o-Xylene
Concen: 0.30 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:106 Resp: 1032
Ion Ratio Lower Upper
106 100
91 242.6 103.5 310.5

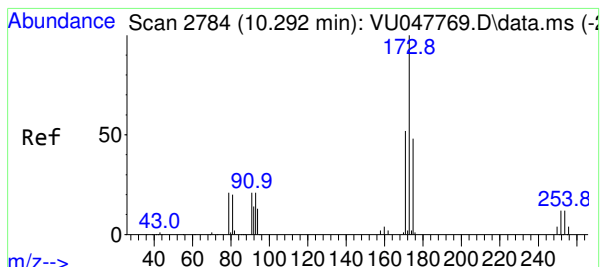
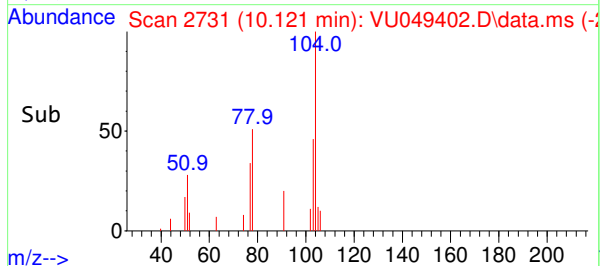
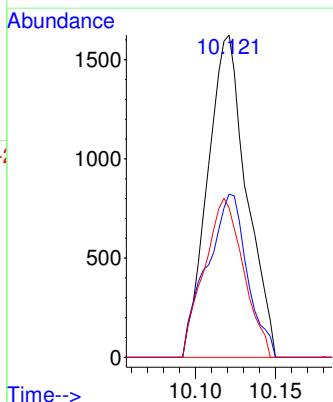
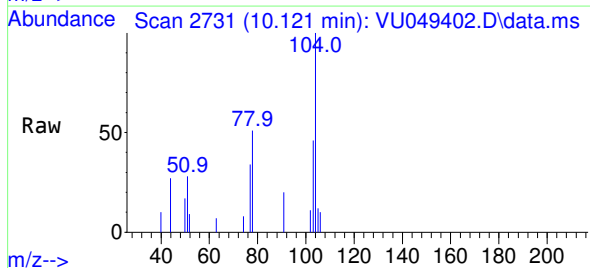




#70
Styrene
Concen: 0.49 ug/l
RT: 10.121 min Scan# 2729
Delta R.T. 0.006 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

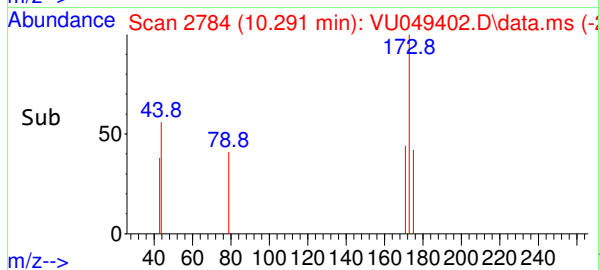
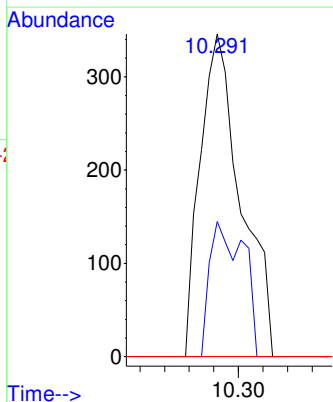
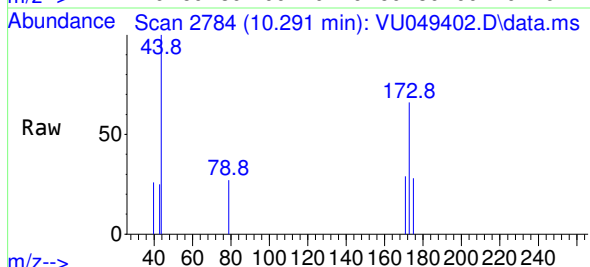
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

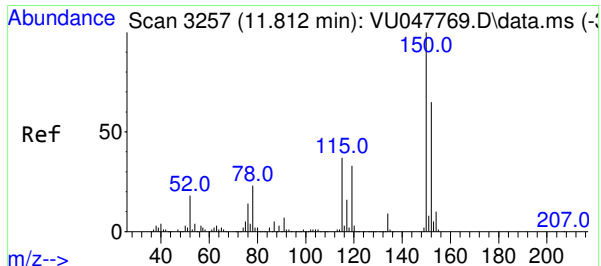
Tgt Ion:	104	Resp:	2744
Ion	Ratio	Lower	Upper
104	100		
78	52.6	38.0	57.0
103	49.7	43.9	65.9



#71
Bromoform
Concen: 0.23 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	173	Resp:	398
Ion	Ratio	Lower	Upper
173	100		
175	34.7	24.1	72.2
254	0.0	0.1	0.1#

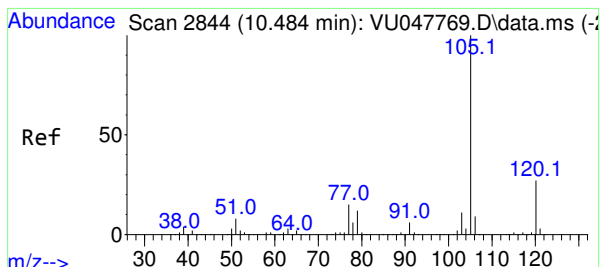
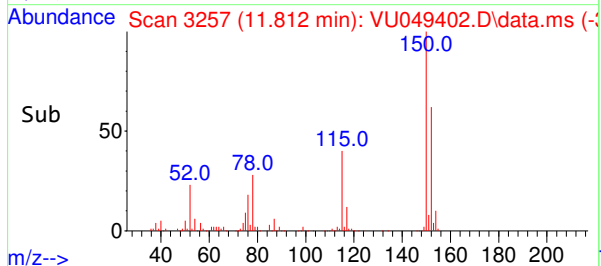
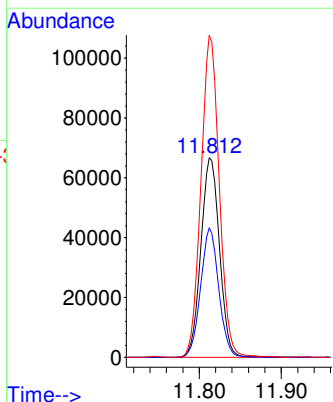
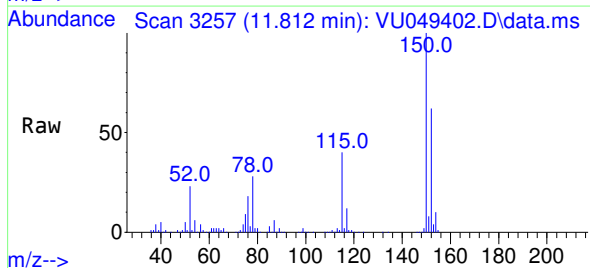




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

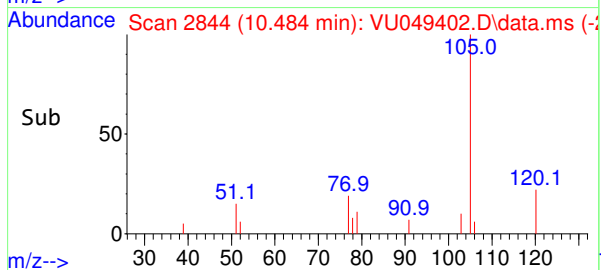
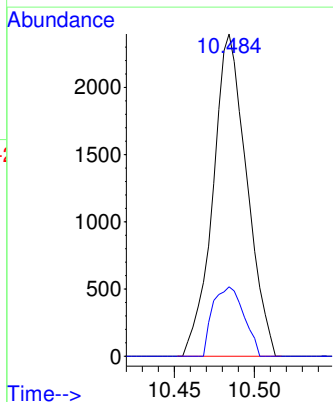
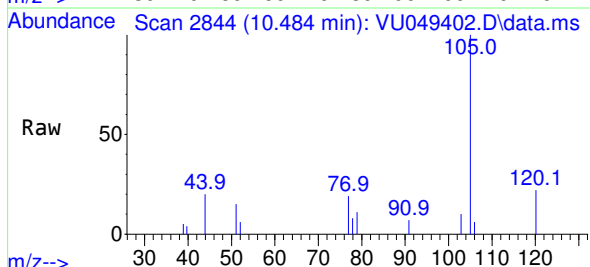
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

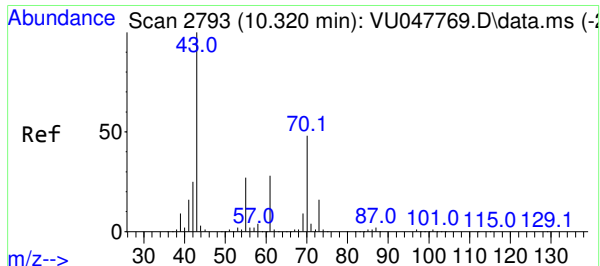
Tgt Ion:152 Resp: 105120
Ion Ratio Lower Upper
152 100
115 63.2 37.0 110.9
150 158.5 0.0 342.2



#73
Isopropylbenzene
Concen: 0.46 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:105 Resp: 3525
Ion Ratio Lower Upper
105 100
120 19.9 13.8 41.4

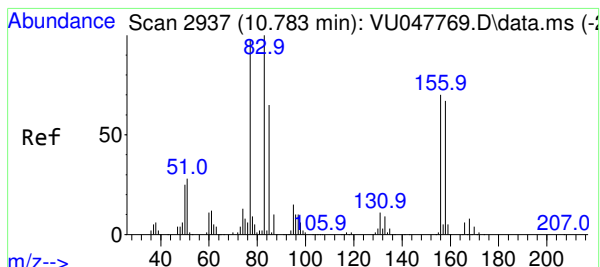
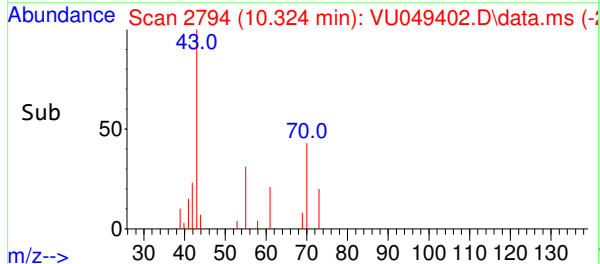
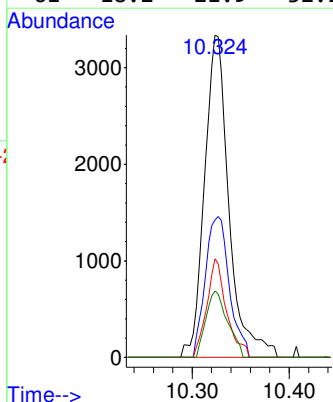
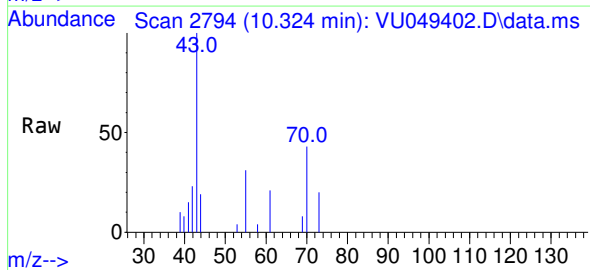




#74
N-ethyl acetate
Concen: 1.47 ug/l
RT: 10.324 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

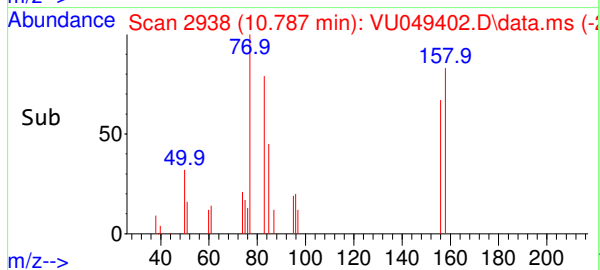
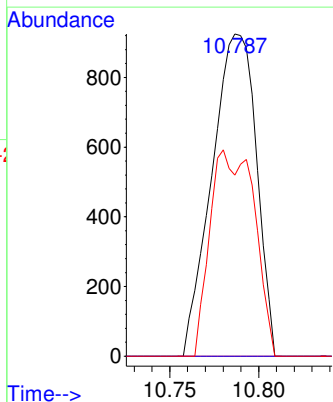
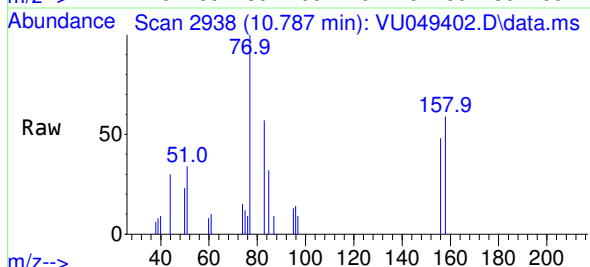
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

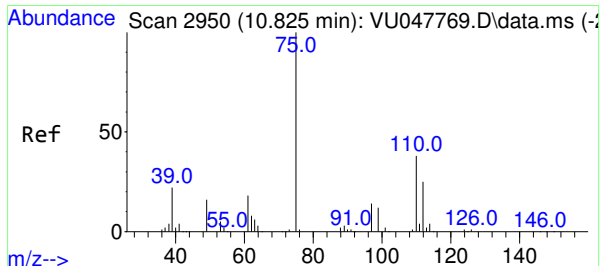
Tgt Ion:	43	Resp:	5843
Ion	Ratio	Lower	Upper
43	100		
70	42.9	38.7	58.1
55	24.6	21.8	32.8
61	18.2	21.9	32.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.50 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	83	Resp:	1611
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	36.6	32.2	96.6

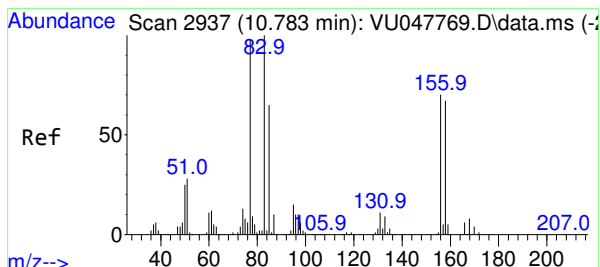
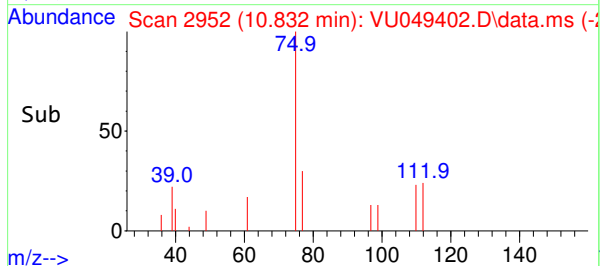
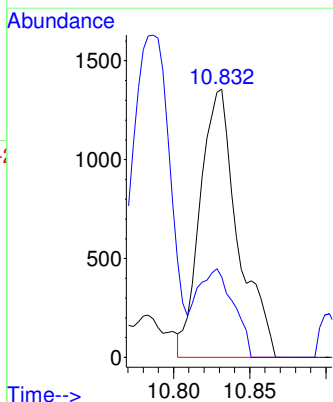
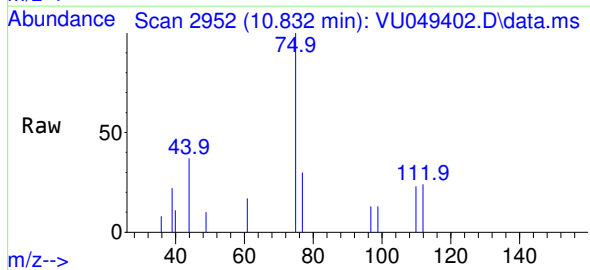




#76
1,2,3-Trichloropropane
Concen: 0.64 ug/l
RT: 10.832 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

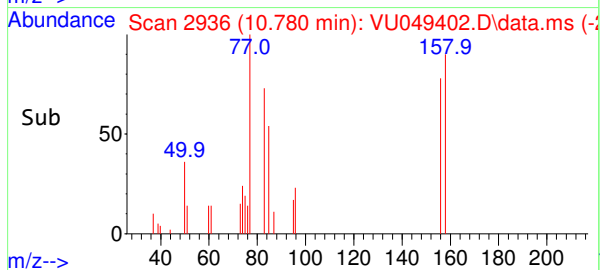
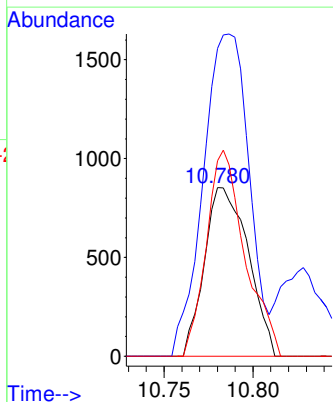
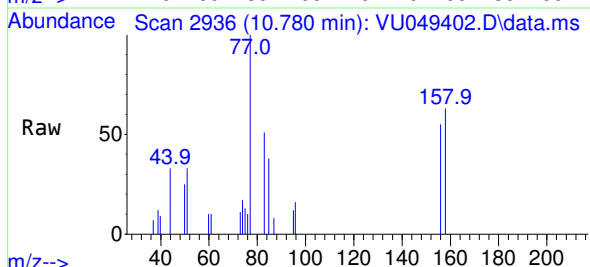
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

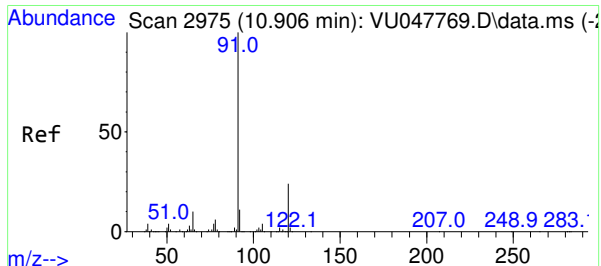
Tgt Ion: 75 Resp: 2324
Ion Ratio Lower Upper
75 100
77 32.1 15.8 47.3



#77
Bromobenzene
Concen: 0.81 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:156 Resp: 1458
Ion Ratio Lower Upper
156 100
77 200.2 71.9 215.6
158 107.4 48.9 146.8

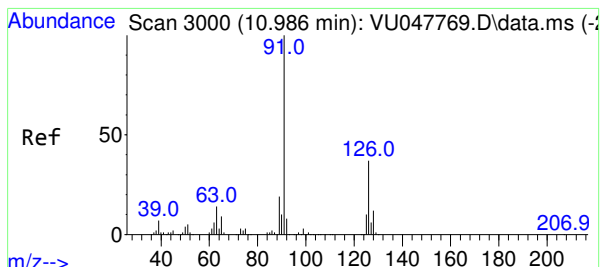
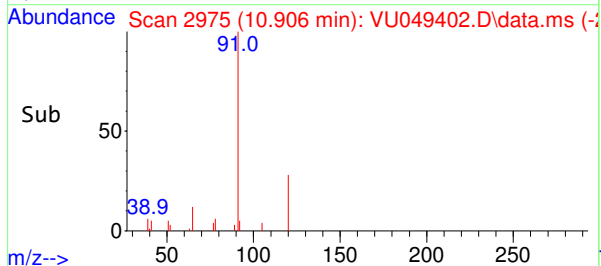
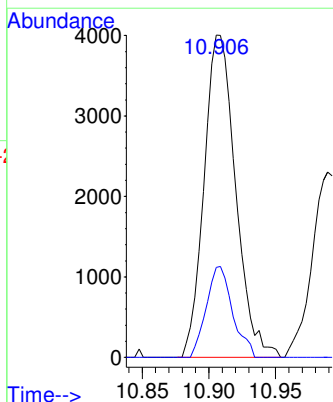
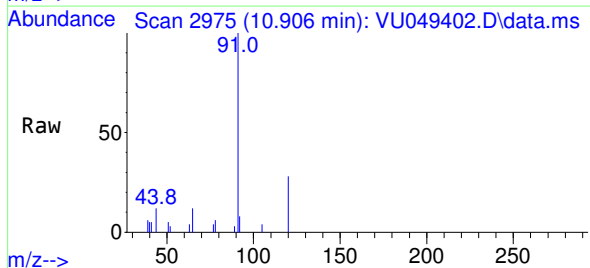




#78
n-propylbenzene
Concen: 0.71 ug/l
RT: 10.906 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

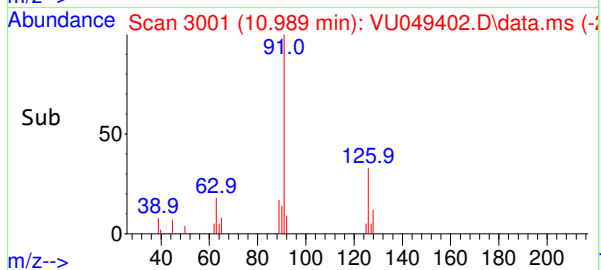
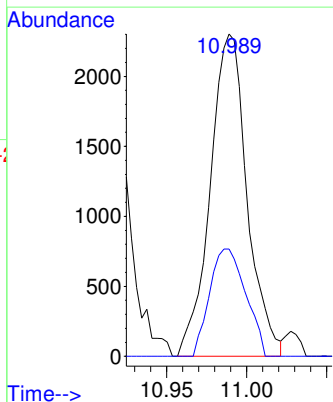
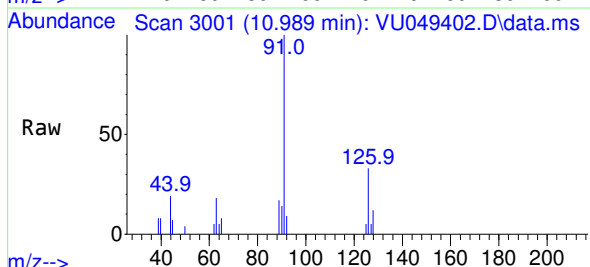
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

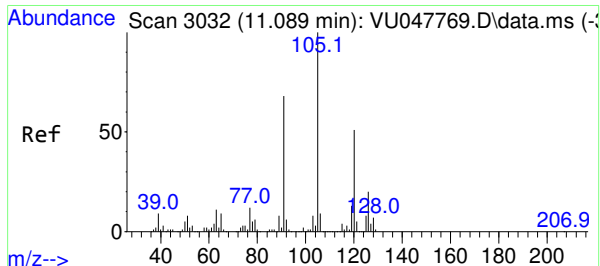
Tgt Ion: 91 Resp: 6586
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.66 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 91 Resp: 3702
Ion Ratio Lower Upper
91 100
126 32.6 18.4 55.0

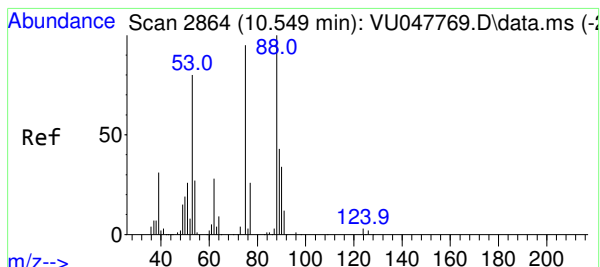
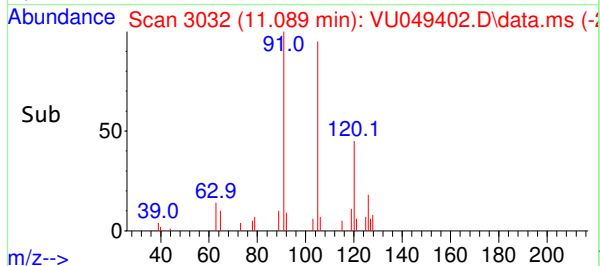
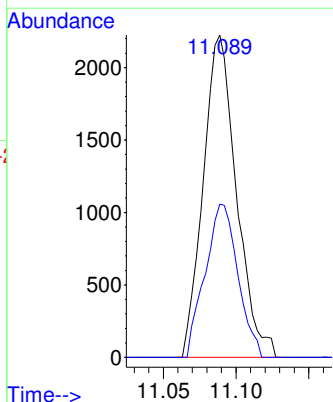
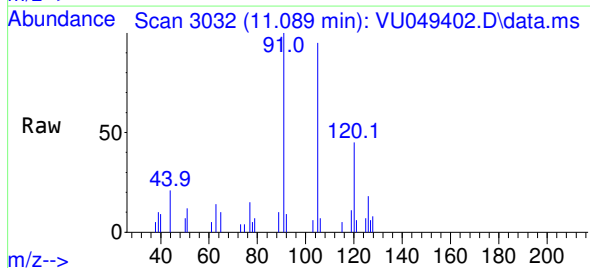




#80
1,3,5-Trimethylbenzene
Concen: 0.53 ug/l
RT: 11.089 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

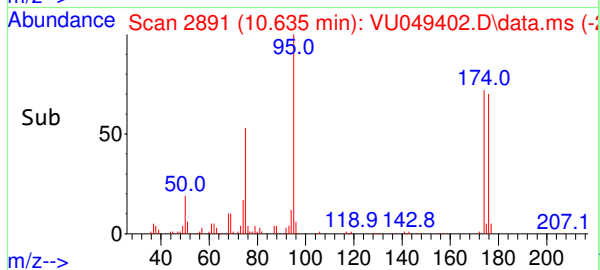
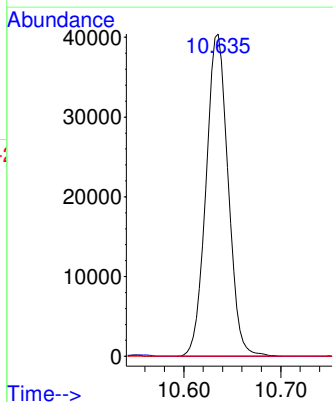
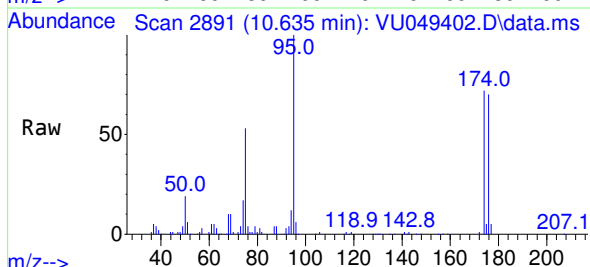
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

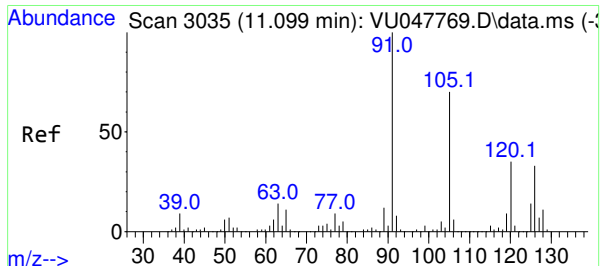
Tgt Ion: 105 Resp: 3528
Ion Ratio Lower Upper
105 100
120 46.8 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 66.29 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 75 Resp: 63969
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

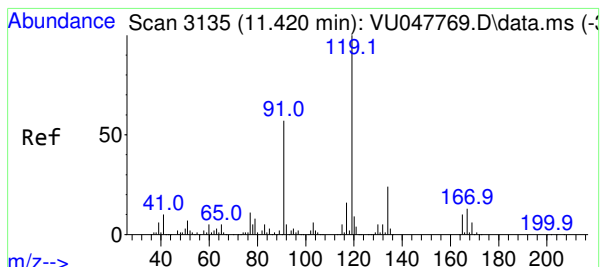
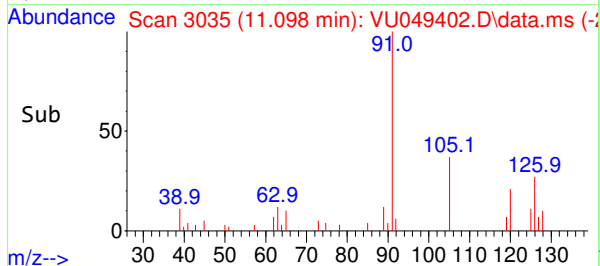
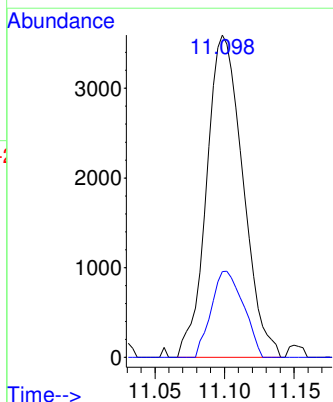
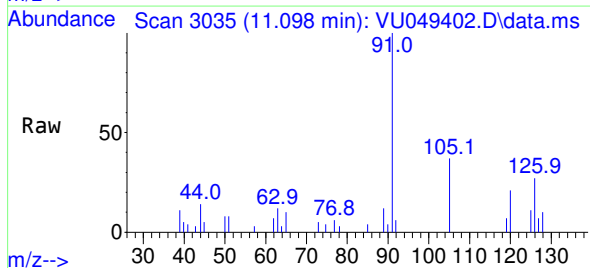




#82
4-Chlorotoluene
Concen: 1.02 ug/l
RT: 11.098 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

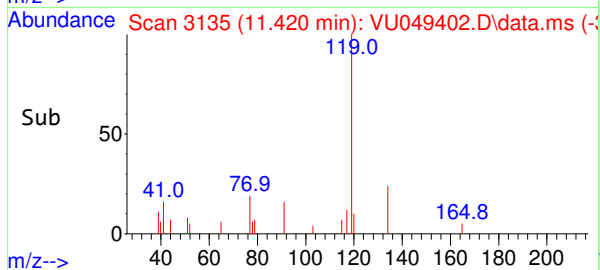
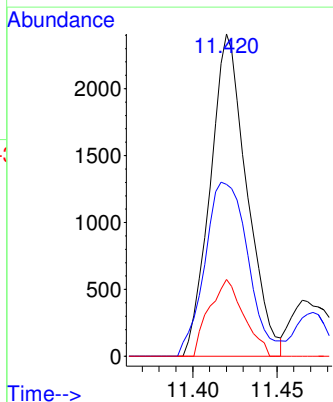
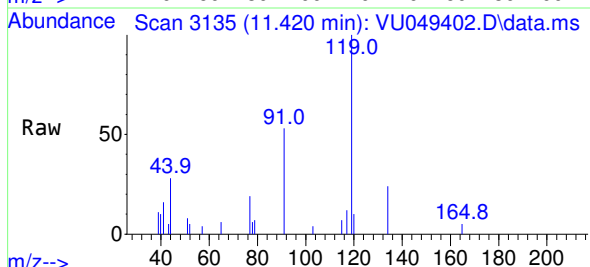
Instrument : MSVOA_U
ClientSampleId : VIBLK

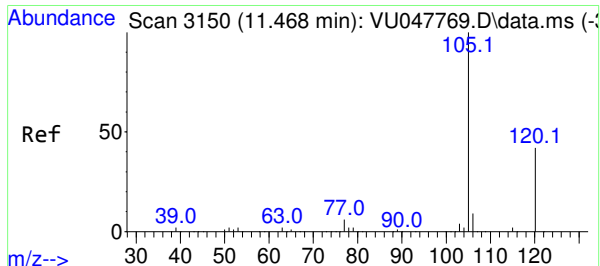
Tgt Ion: 91 Resp: 6494
Ion Ratio Lower Upper
91 100
126 23.7 16.1 48.2



#83
tert-Butylbenzene
Concen: 0.55 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion: 119 Resp: 3644
Ion Ratio Lower Upper
119 100
91 64.4 26.8 80.3
134 22.6 11.5 34.5

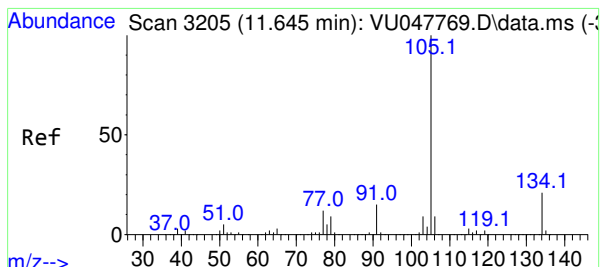
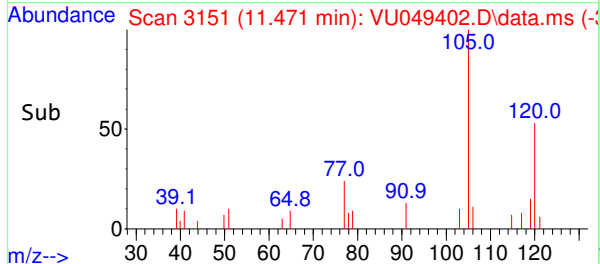
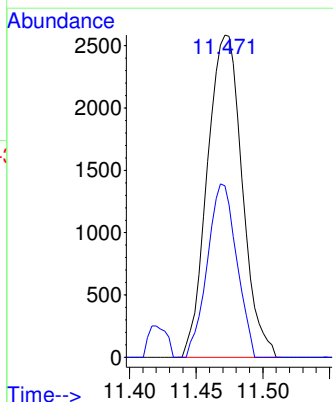
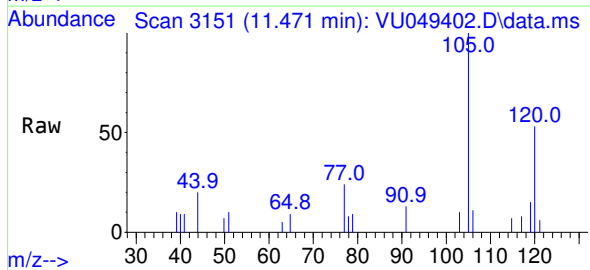




#84
1,2,4-Trimethylbenzene
Concen: 0.72 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

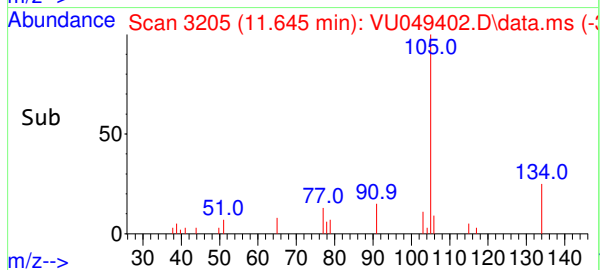
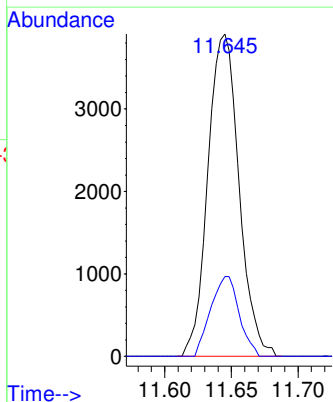
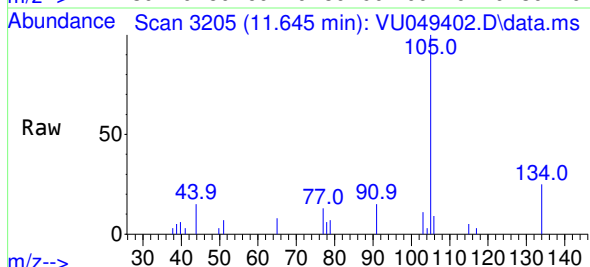
Instrument : MSVOA_U
ClientSampleId : VIBLK

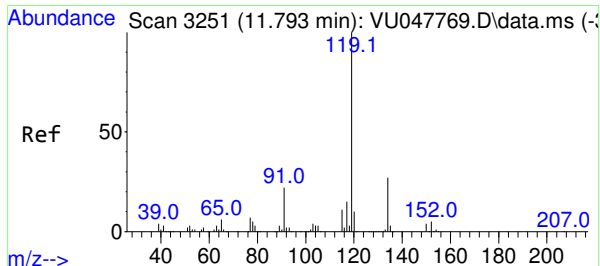
Tgt Ion:105 Resp: 4701
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.3



#85
sec-Butylbenzene
Concen: 0.77 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:105 Resp: 6346
Ion Ratio Lower Upper
105 100
134 22.6 10.4 31.1

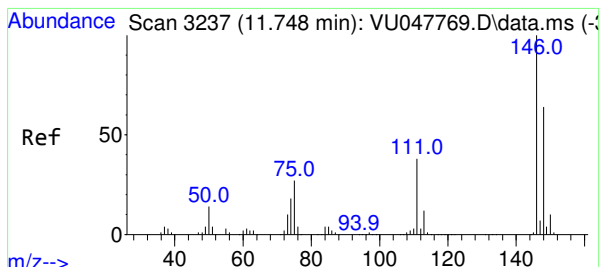
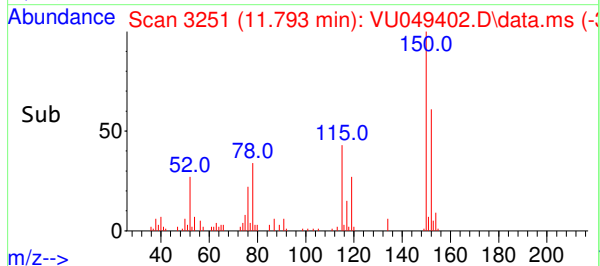
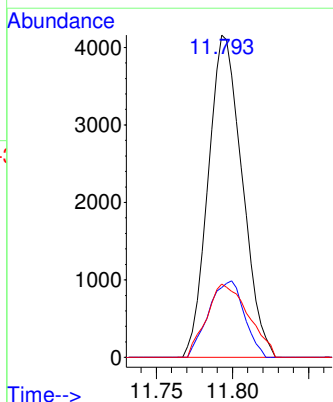
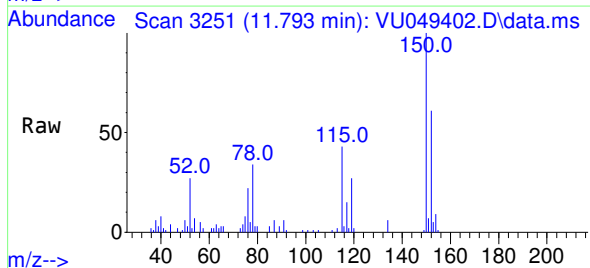




#86
p-Isopropyltoluene
Concen: 0.97 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

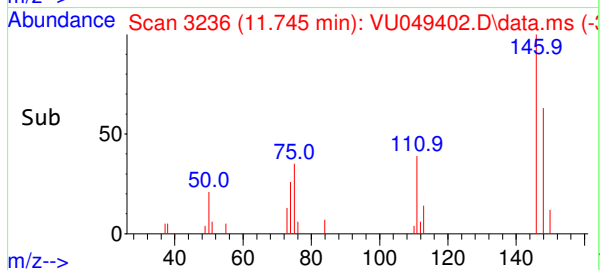
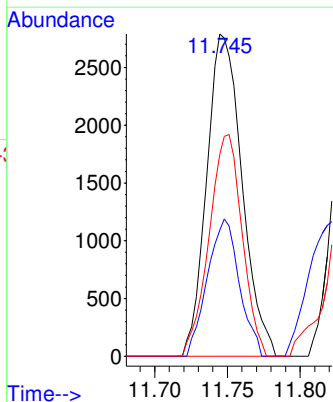
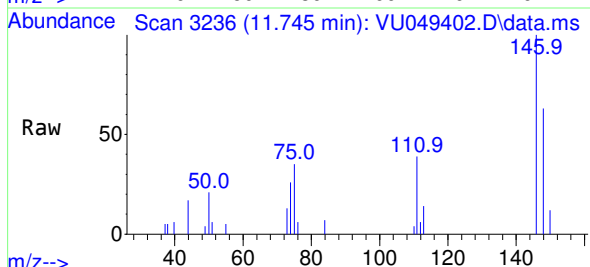
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

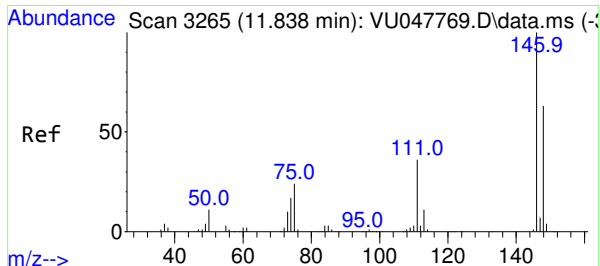
Tgt Ion:	119	Resp:	6428
Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.5	40.4
91	28.0	11.2	33.5



#87
1,3-Dichlorobenzene
Concen: 1.36 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	146	Resp:	4707
Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.4	31.9	95.9

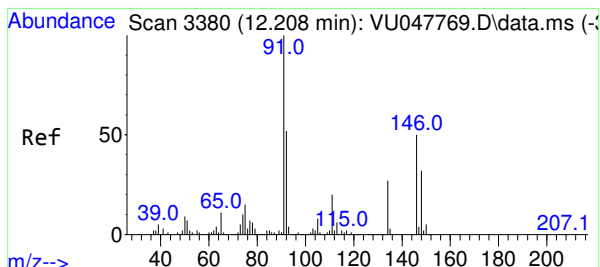
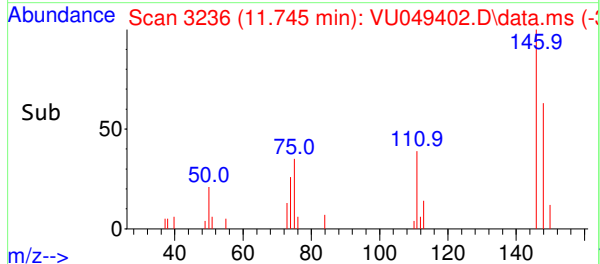
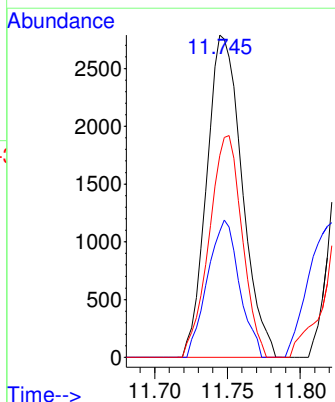
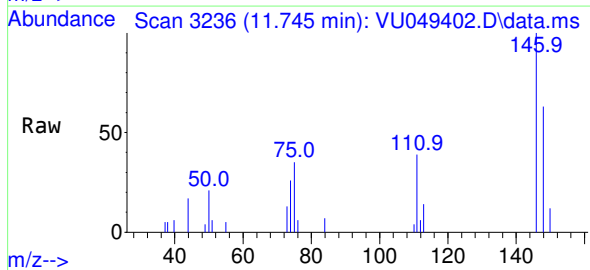




#88
1,4-Dichlorobenzene
Concen: 1.37 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.093 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

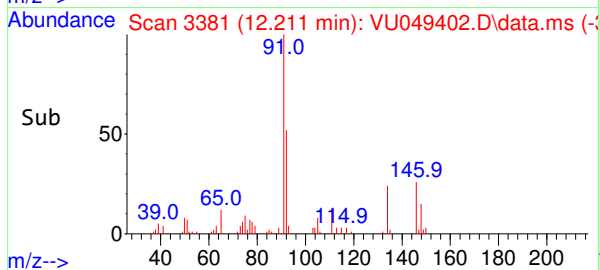
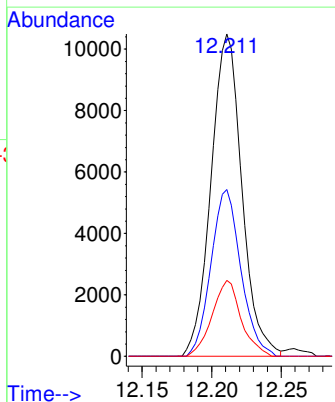
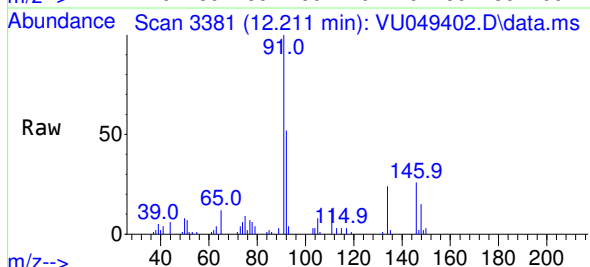
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

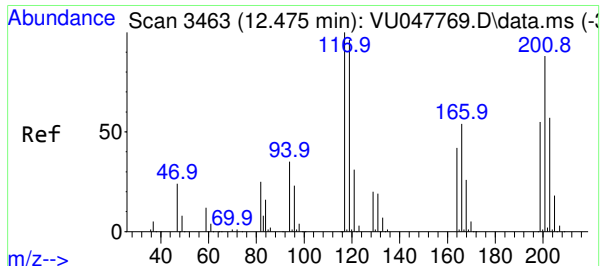
Tgt Ion:	146	Resp:	4707
Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.5	55.5
148	64.4	31.9	95.7



#89
n-Butylbenzene
Concen: 2.70 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	91	Resp:	16169
Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.2	78.6
134	22.2	13.5	40.4

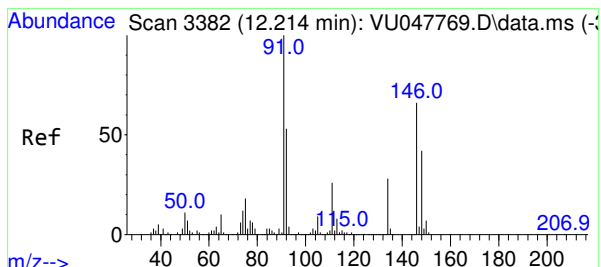
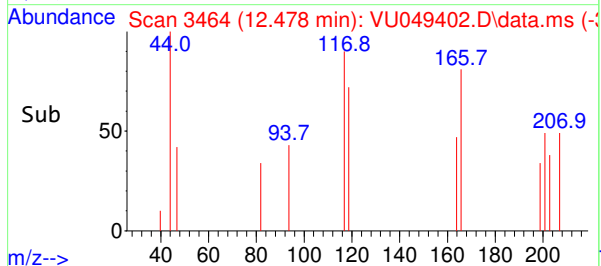
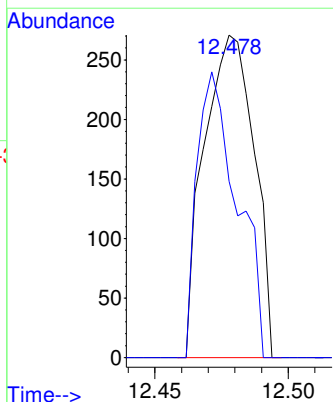
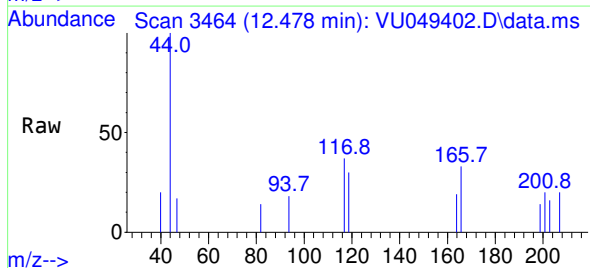




#90
Hexachloroethane
Concen: 0.26 ug/l
RT: 12.478 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

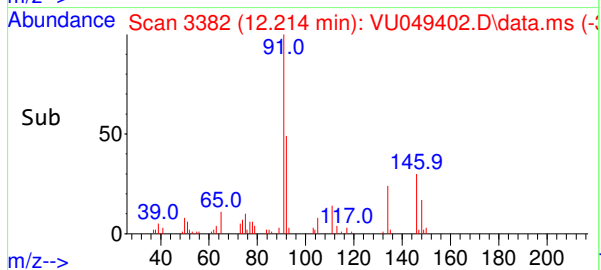
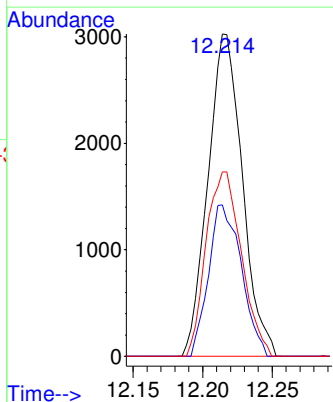
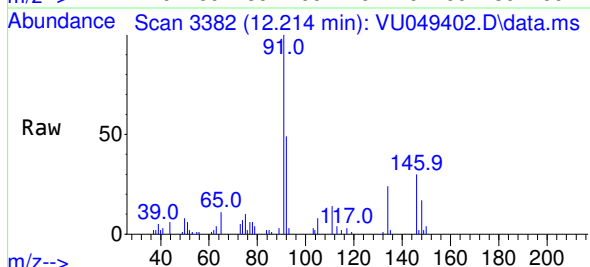
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

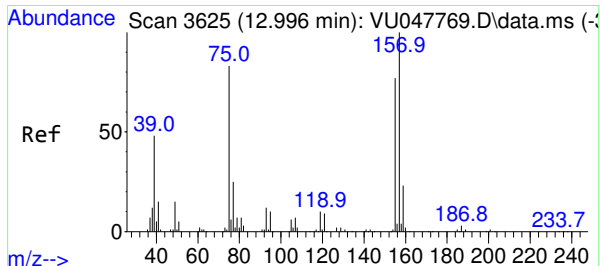
Tgt Ion:117 Resp: 353
Ion Ratio Lower Upper
117 100
201 71.4 44.6 134.0



#91
1,2-Dichlorobenzene
Concen: 1.48 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:146 Resp: 5195
Ion Ratio Lower Upper
146 100
111 44.8 19.9 59.6
148 58.7 32.1 96.5

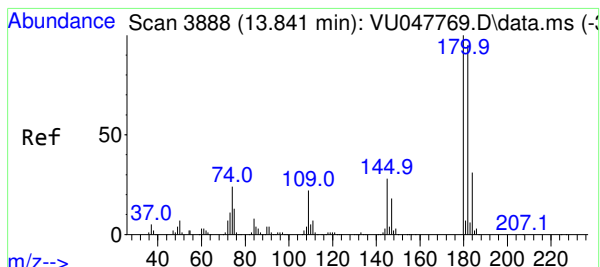
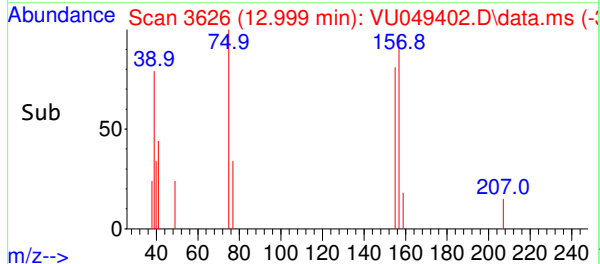
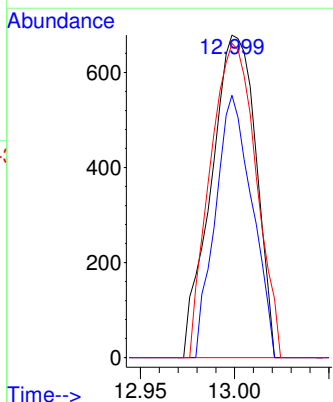
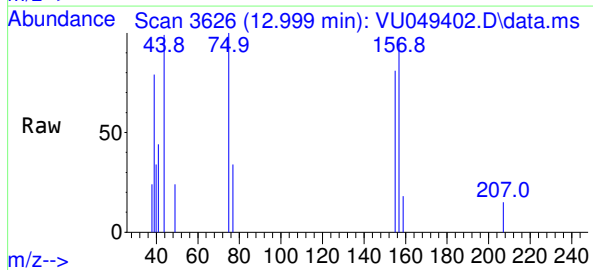




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.37 ug/l
RT: 12.999 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

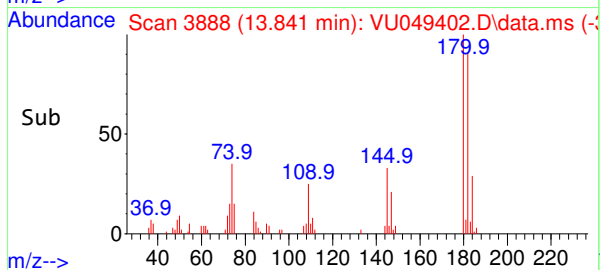
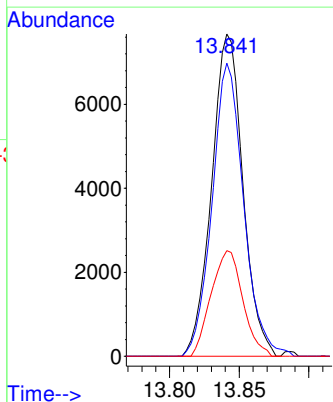
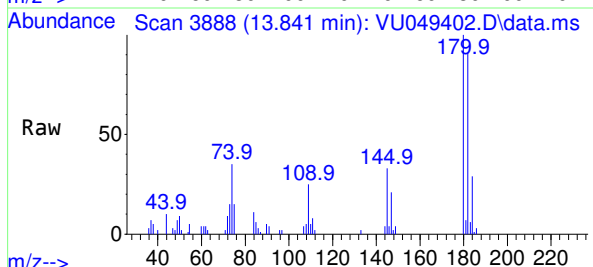
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

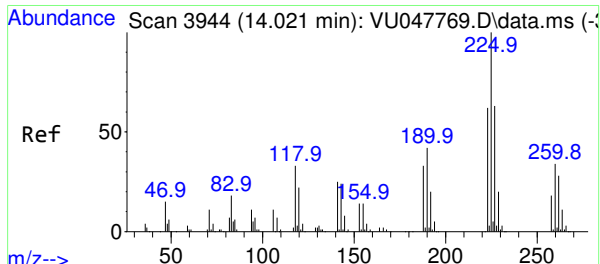
Tgt Ion:	75	Resp:	1124
Ion	Ratio	Lower	Upper
75	100		
155	67.0	47.8	143.4
157	99.5	62.2	186.5



#93
1,2,4-Trichlorobenzene
Concen: 5.31 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	180	Resp:	11978
Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.9	143.6
145	33.2	14.0	41.9

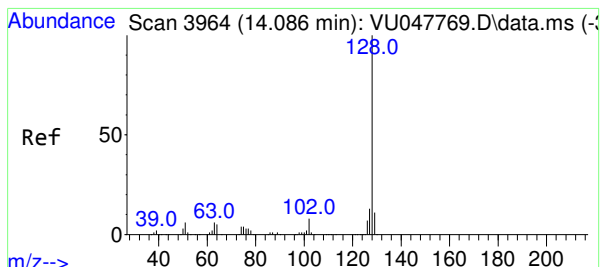
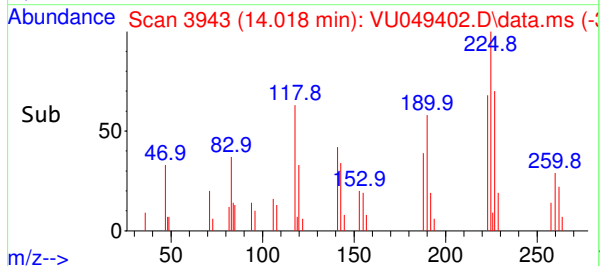
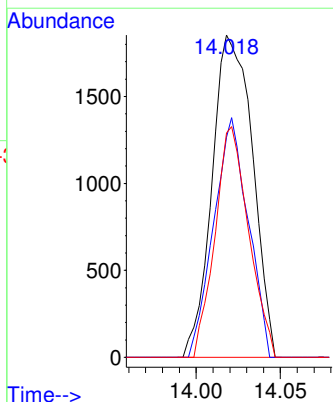
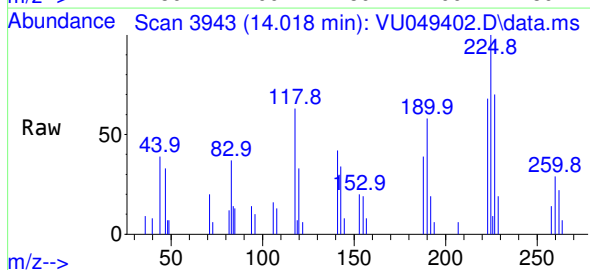




#94
Hexachlorobutadiene
Concen: 2.83 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

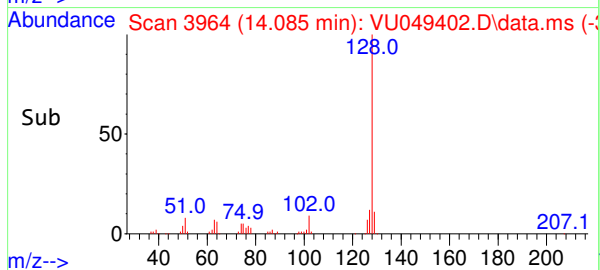
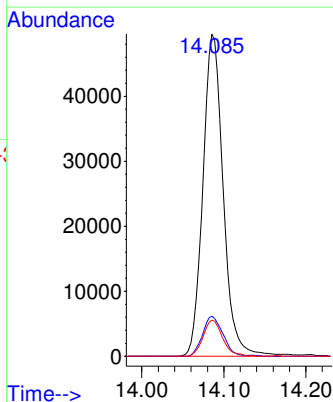
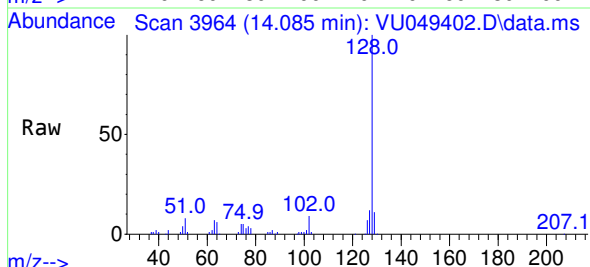
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

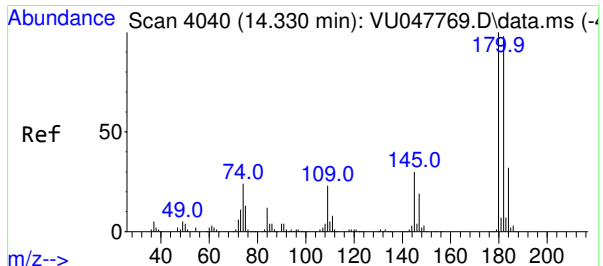
Tgt Ion:	225	Resp:	3094
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.9
227	59.7	32.0	96.2



#95
Naphthalene
Concen: 10.90 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049402.D
Acq: 27 Jun 2022 13:21

Tgt Ion:	128	Resp:	85251
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 6.02 ug/l
 RT: 14.333 min Scan# 4
 Delta R.T. 0.003 min
 Lab File: VU049402.D
 Acq: 27 Jun 2022 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Tgt Ion:	180	Resp:	14143
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.0
145	33.6	14.8	44.4

