

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045774.D
 Acq On : 12 Nov 2021 17:07
 Operator : SY/MD
 Sample : M4687-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 15 05:21:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

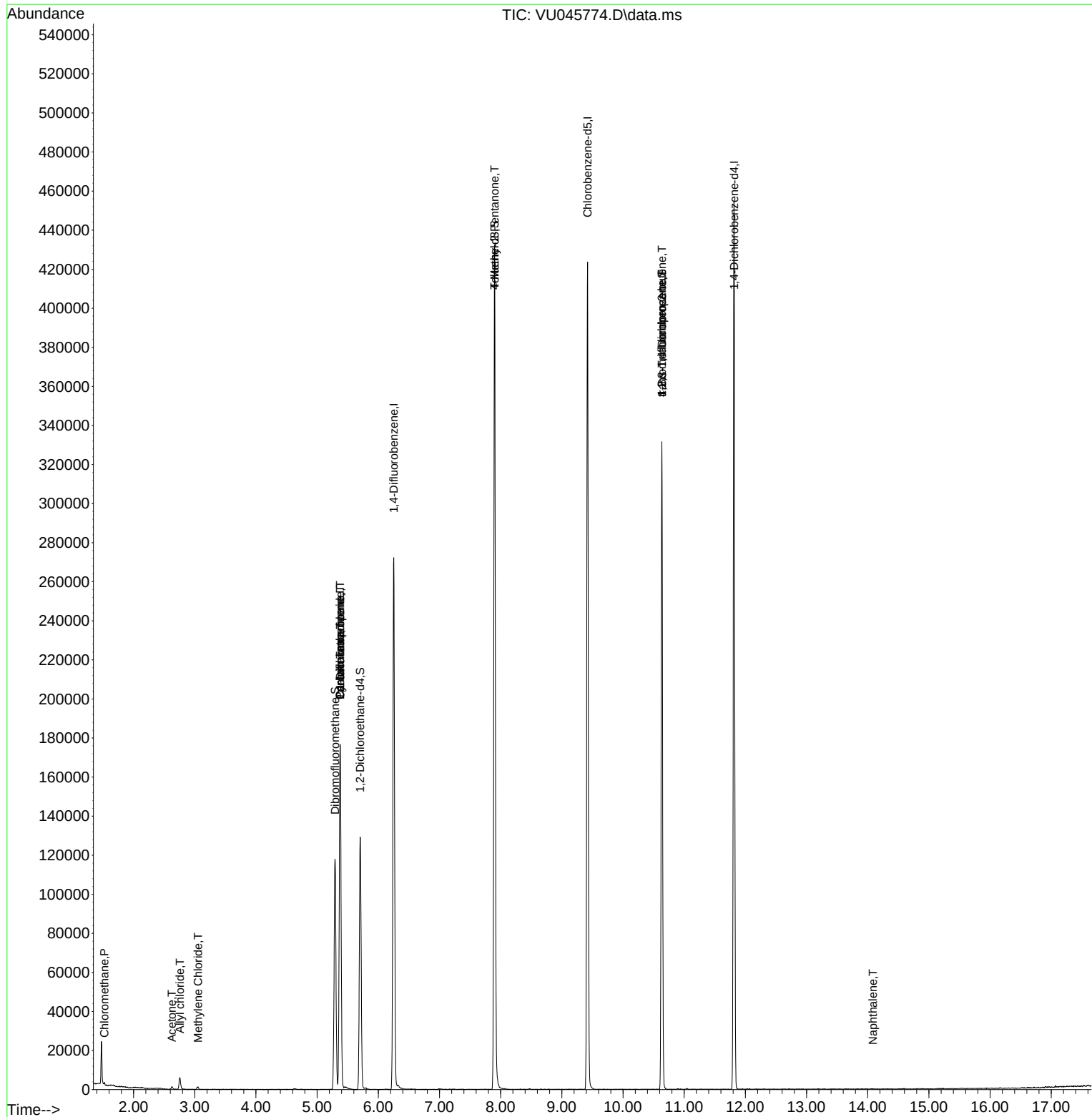
Internal Standards						
1) Pentafluorobenzene	5.375	168	117022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	216606	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	227004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	113792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97753	55.778	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.560%	
35) Dibromofluoromethane	5.292	113	75554	52.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	7.899	98	290263	53.977	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	10.636	95	110300	51.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	634	0.365	ug/l	91
14) Allyl chloride	2.758	41	599	0.261	ug/l #	59
16) Acetone	2.626	43	1622	1.818	ug/l #	88
20) Methylene Chloride	3.054	84	691	0.446	ug/l #	85
31) Cyclohexane	5.375	56	2770	1.083	ug/l #	3
36) 1,1-Dichloropropene	5.375	75	10233	4.845	ug/l #	49
38) Carbon Tetrachloride	5.375	117	12520	5.880	ug/l #	17
51) 4-Methyl-2-Pentanone	7.899	43	1035	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	56524	16.380	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	56524	53.440	ug/l #	12
95) Naphthalene	14.086	128	45	1.034	ug/l #	69

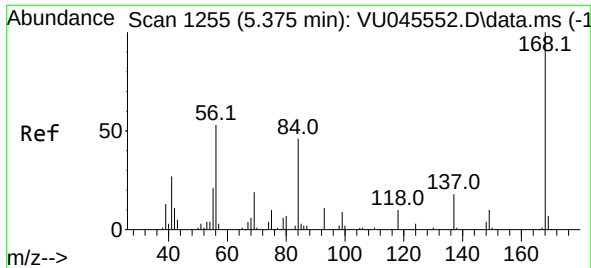
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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ClientSampleId :
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Quant Time: Nov 15 05:21:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

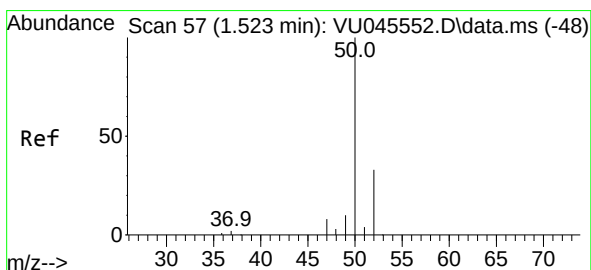
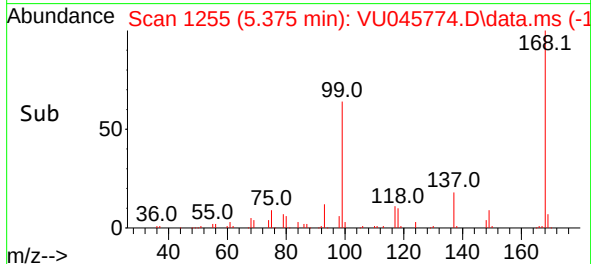
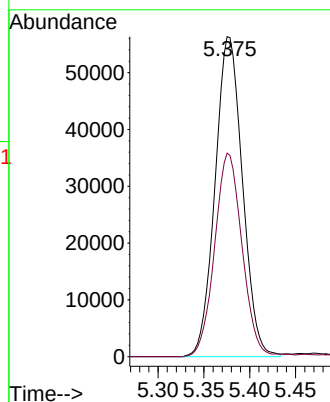
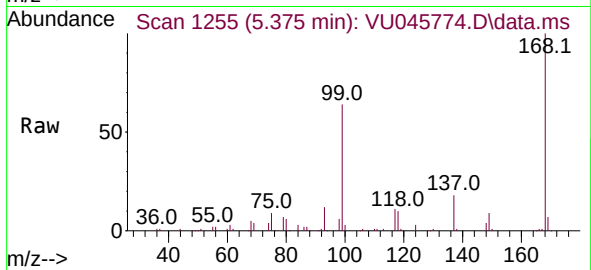




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

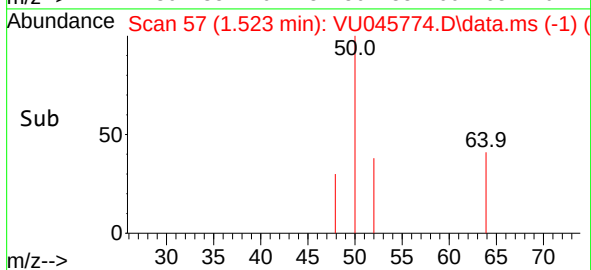
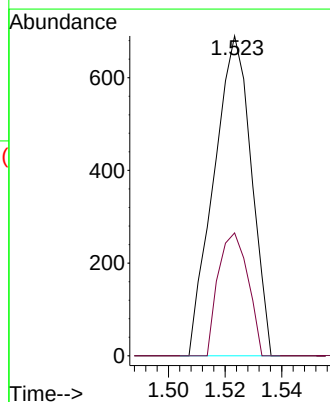
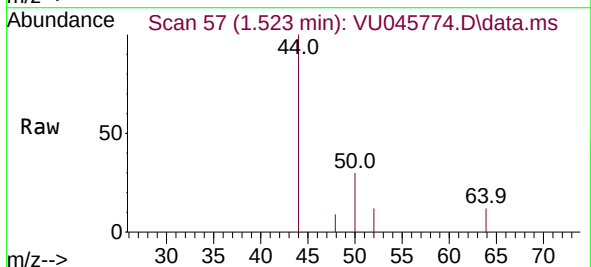
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

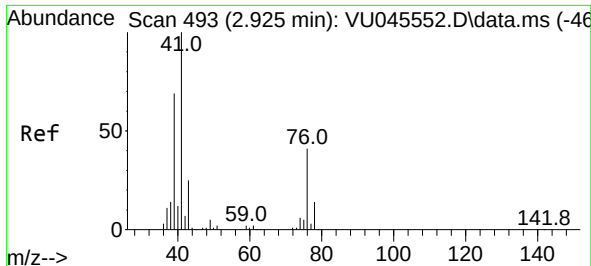
Tgt Ion:168 Resp: 117022
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6



#3
Chloromethane
Concen: 0.365 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 38.4 26.6 40.0

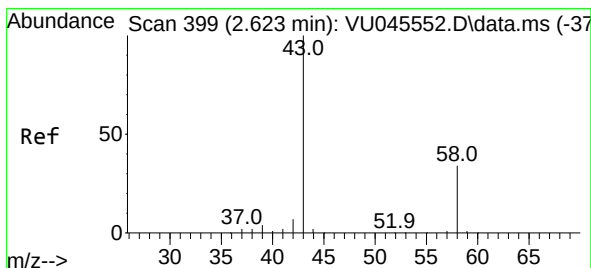
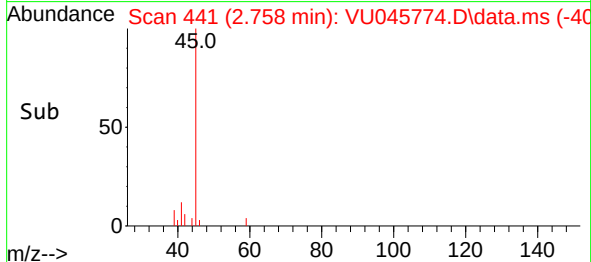
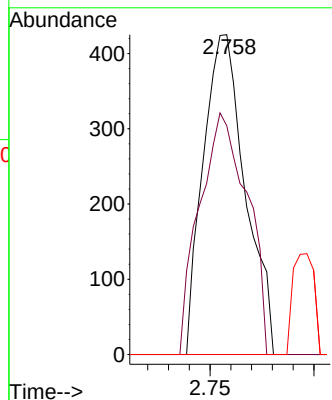
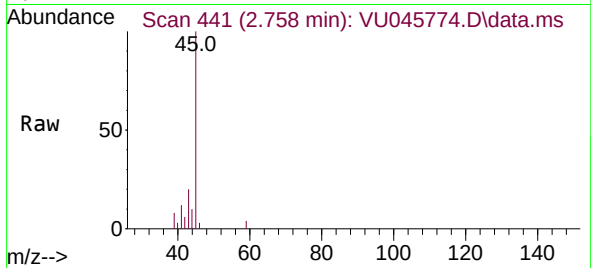




#14
 Allyl chloride
 Concen: 0.261 ug/l
 RT: 2.758 min Scan# 41
 Delta R.T. -0.167 min
 Lab File: VU045774.D
 Acq: 12 Nov 2021 17:07

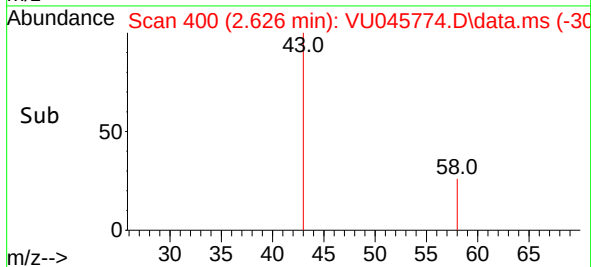
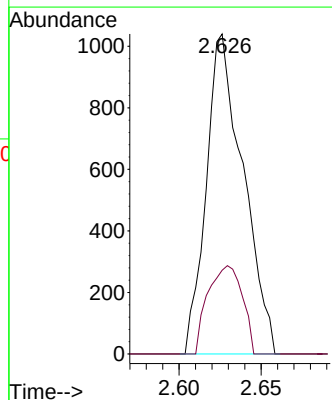
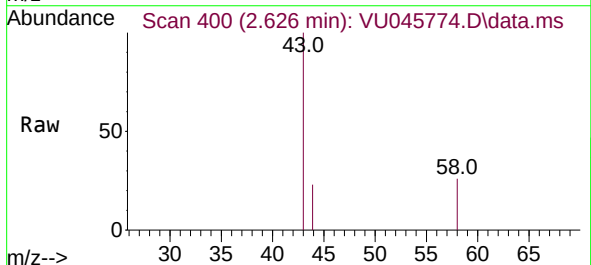
Instrument :
 MSVOA_U
 ClientSampleId :
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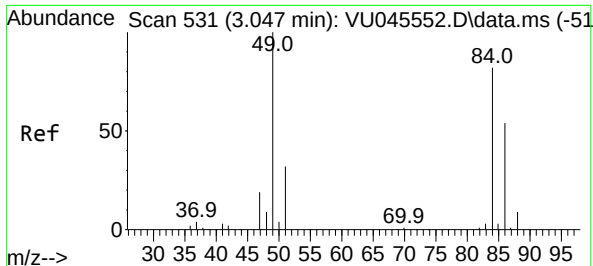
Tgt Ion: 41 Resp: 599
 Ion Ratio Lower Upper
 41 100
 39 85.5 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 1.818 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU045774.D
 Acq: 12 Nov 2021 17:07

Tgt Ion: 43 Resp: 1622
 Ion Ratio Lower Upper
 43 100
 58 26.2 26.2 39.2#

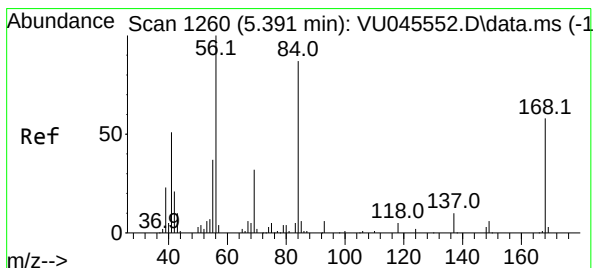
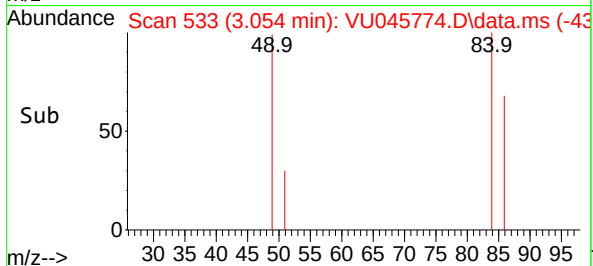
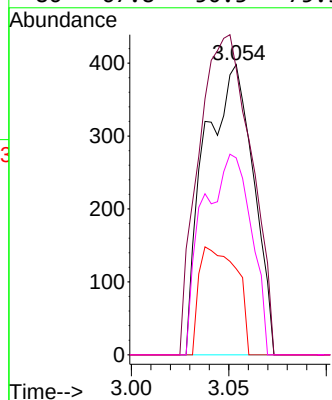
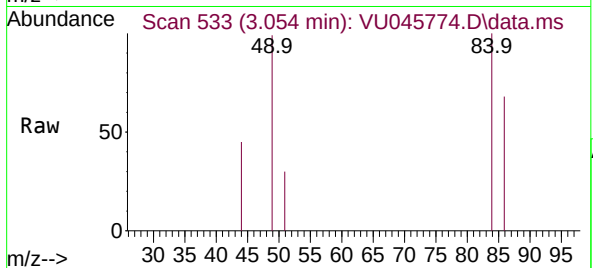




#20
Methylene Chloride
Concen: 0.446 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

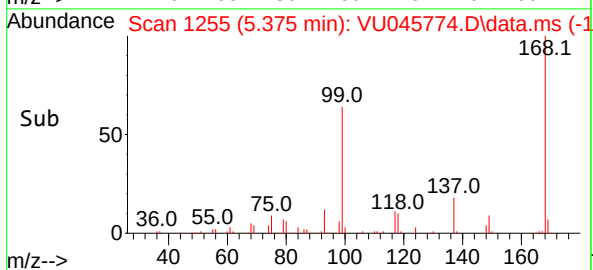
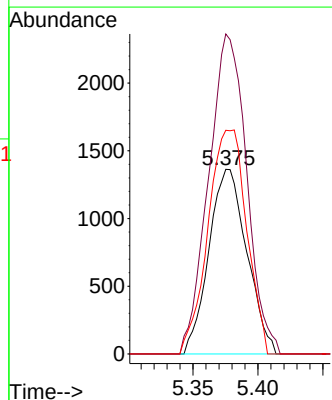
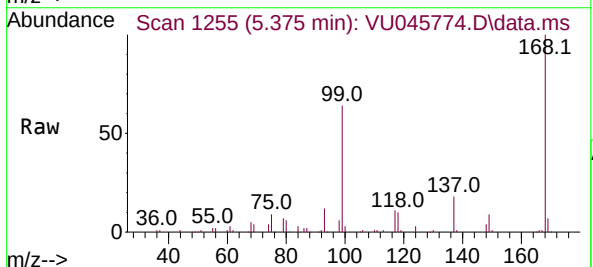
Instrument :
MSVOA_U
ClientSampleId :
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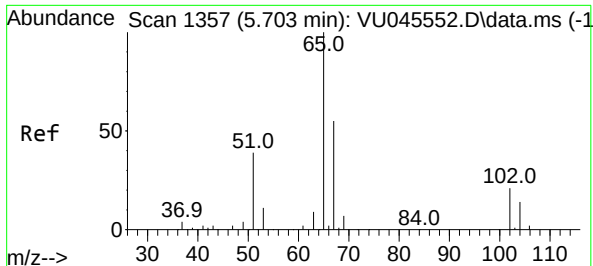
Tgt Ion: 84	Resp: 691
Ion Ratio	Lower Upper
84 100	
49 98.7	96.4 144.6
51 29.6	30.5 45.7#
86 67.8	50.3 75.5



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion: 56	Resp: 2770		
Ion Ratio	Lower	Upper	
56	100		
69	173.4	26.4	39.6#
84	121.2	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 55.778 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045774.D

Acq: 12 Nov 2021 17:07

Instrument :

MSVOA_U

ClientSampleId :

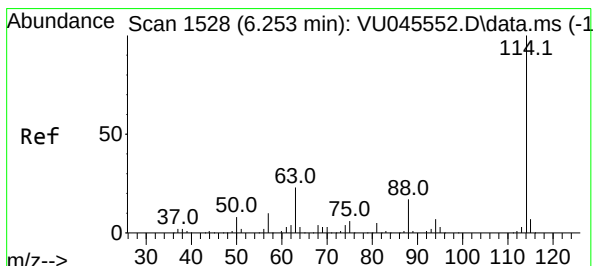
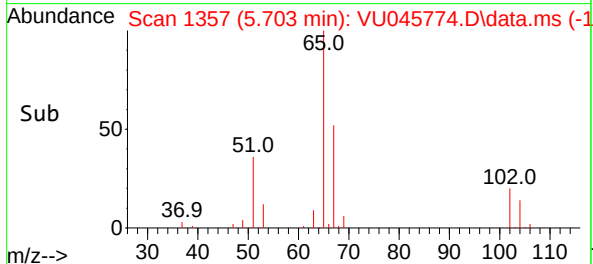
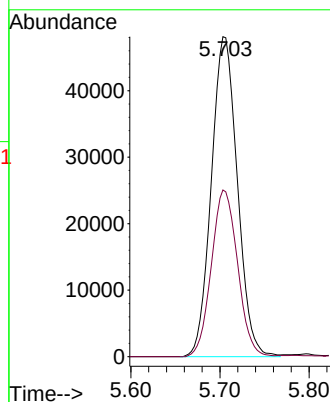
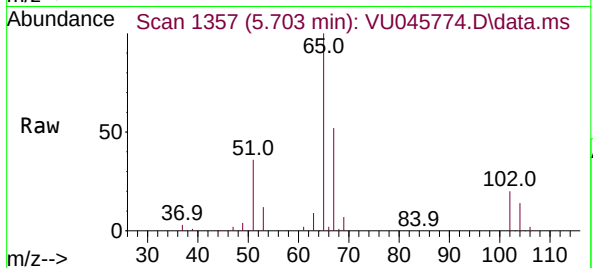
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Tgt Ion: 65 Resp: 97753

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045774.D

Acq: 12 Nov 2021 17:07

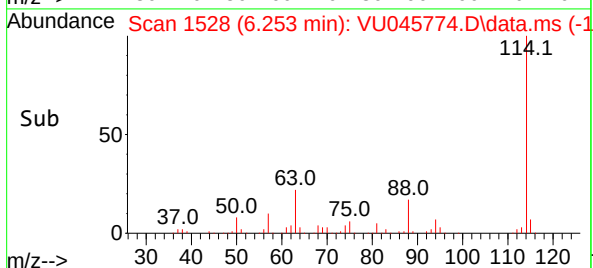
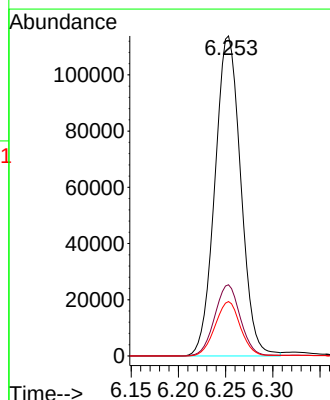
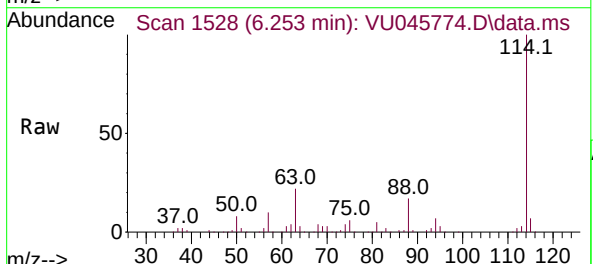
Tgt Ion: 114 Resp: 216606

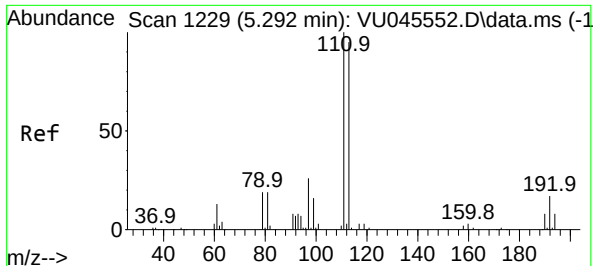
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 17.0 0.0 33.8

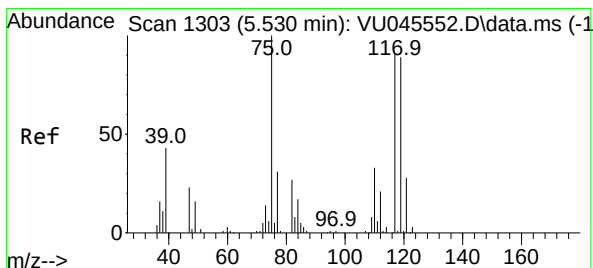
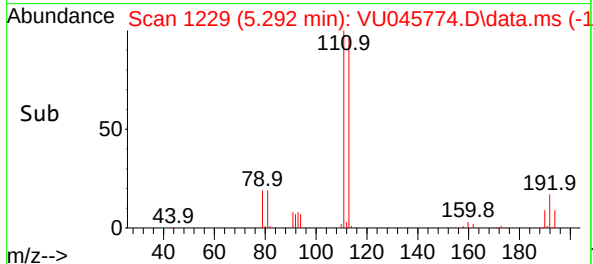
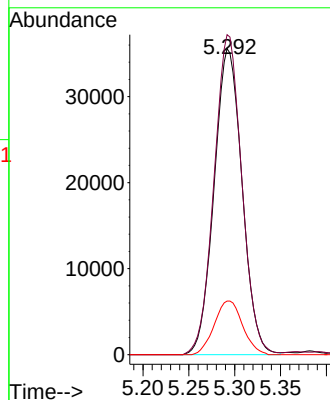
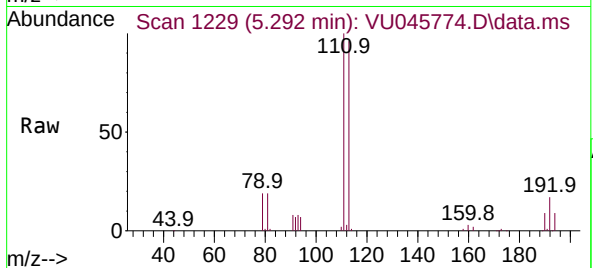




#35
Dibromofluoromethane
Concen: 52.244 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

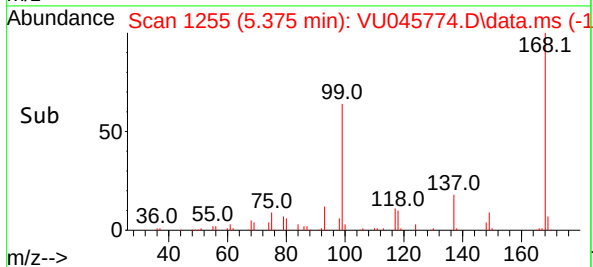
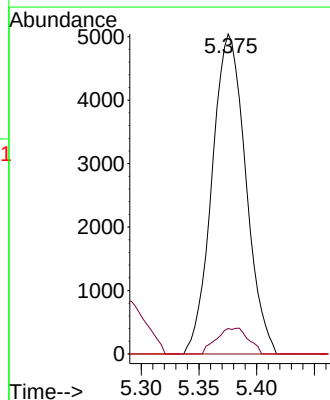
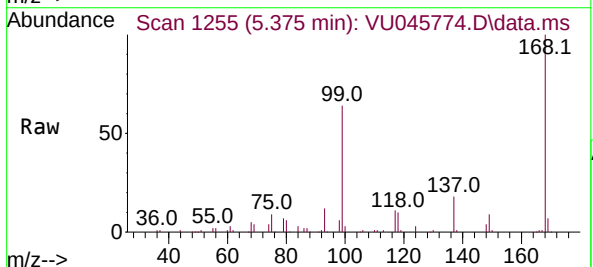
Instrument :
MSVOA_U
ClientSampleId :
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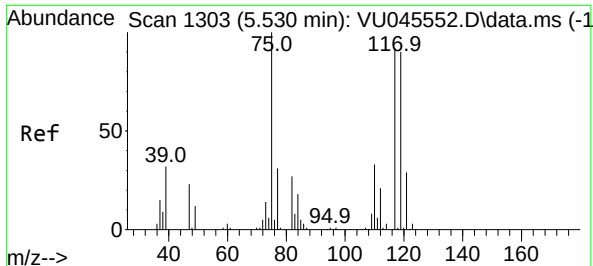
Tgt Ion:113 Resp: 75554
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 17.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion: 75 Resp: 10233
Ion Ratio Lower Upper
75 100
110 7.6 16.7 50.0#
77 0.0 25.0 37.4#

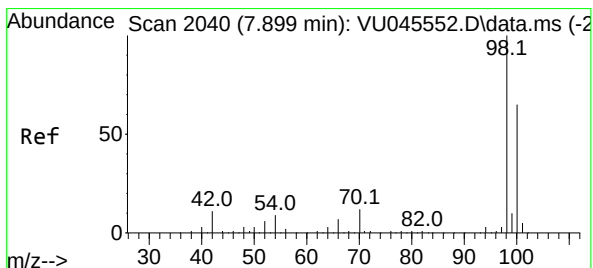
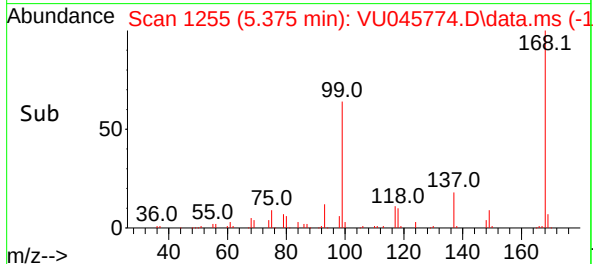
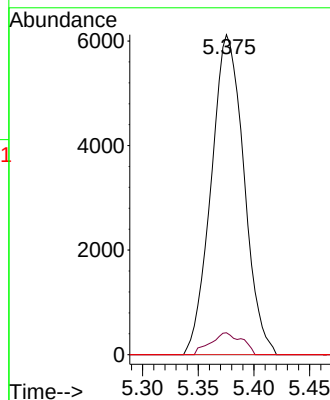
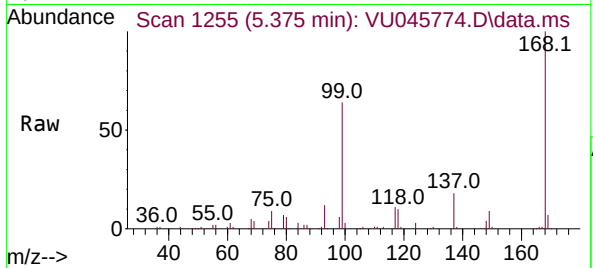




#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

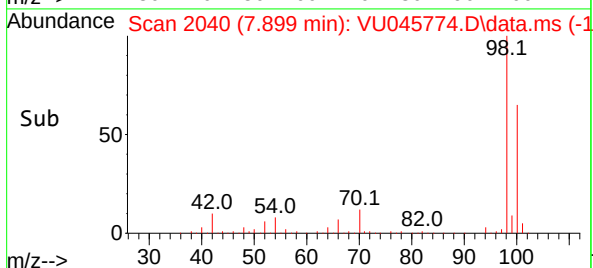
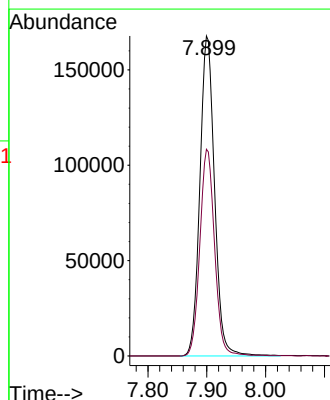
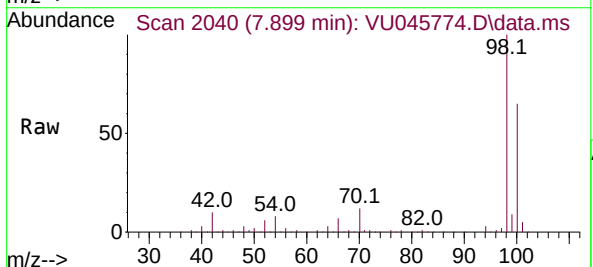
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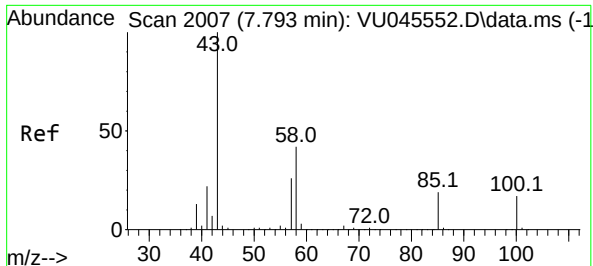
Tgt Ion:117 Resp: 12520
Ion Ratio Lower Upper
117 100
119 6.8 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.977 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion: 98 Resp: 290263
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

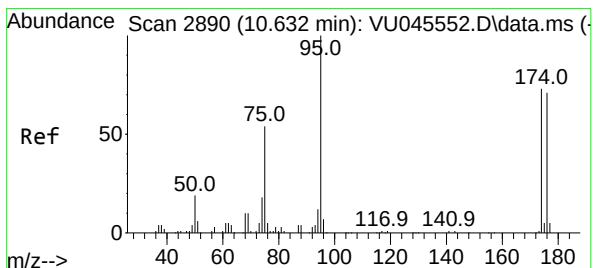
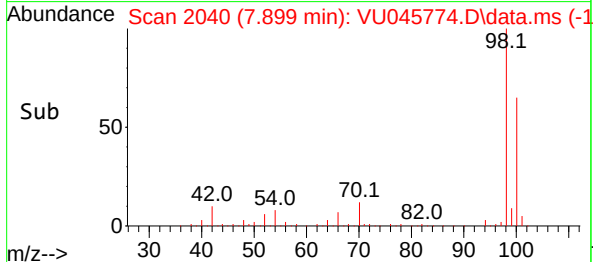
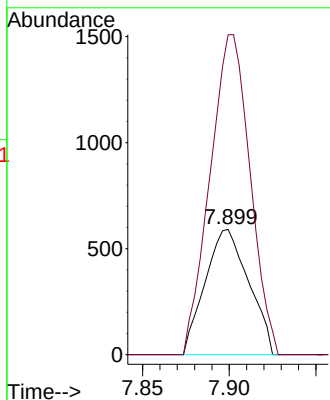
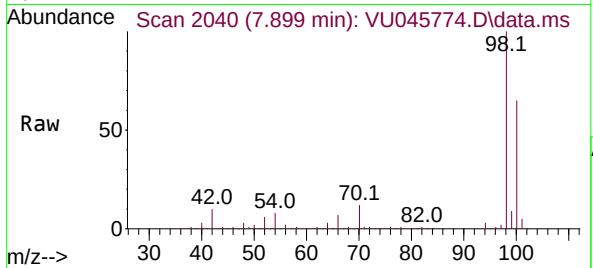




#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

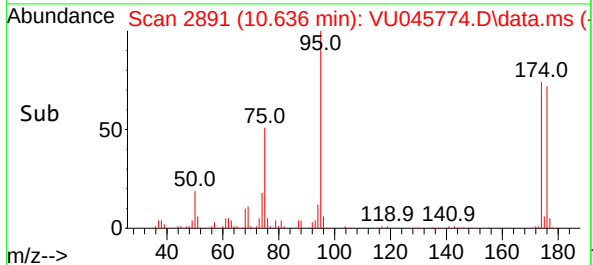
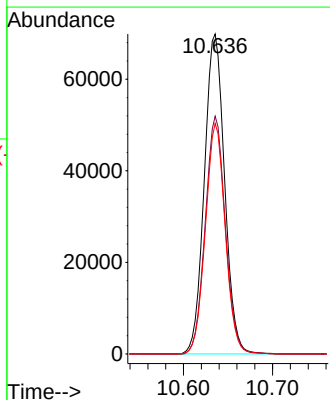
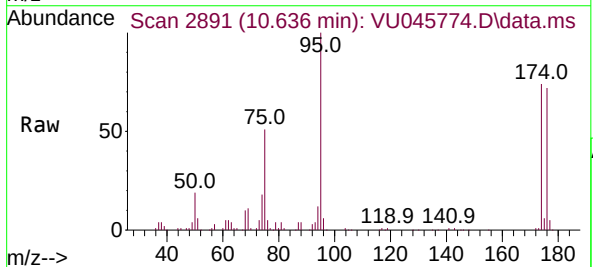
Instrument :
MSVOA_U
ClientSampleId :
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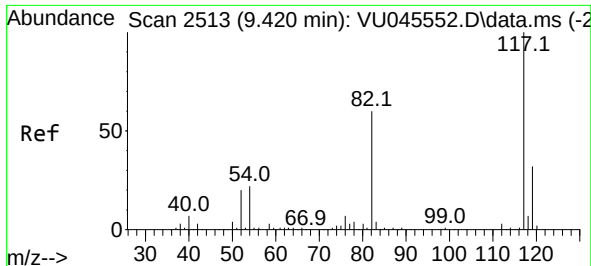
Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 234.7 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 51.151 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion: 95 Resp: 110300
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.8
176 70.4 0.0 138.2

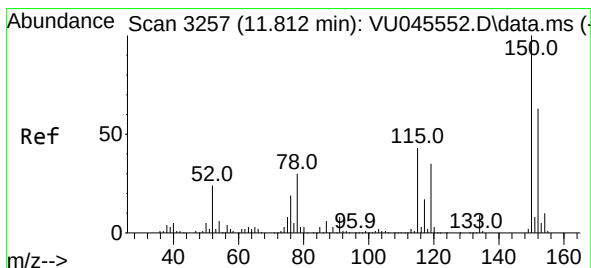
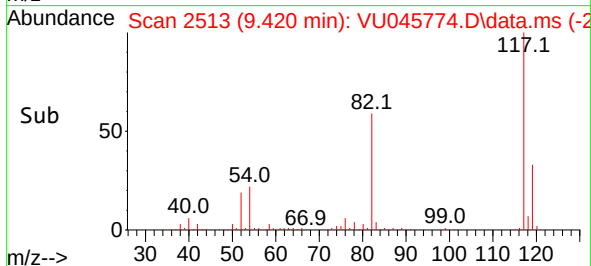
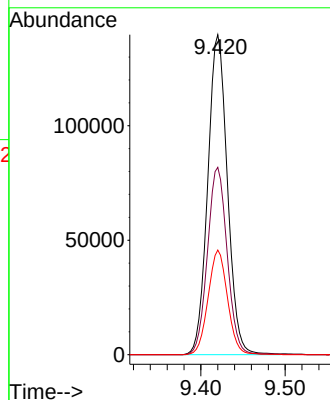
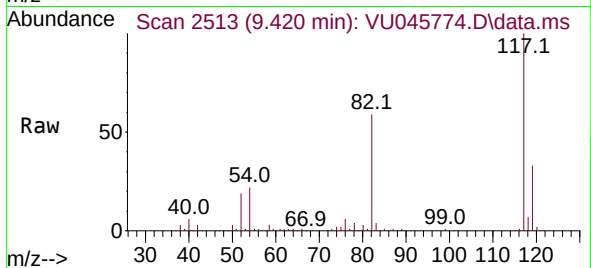




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

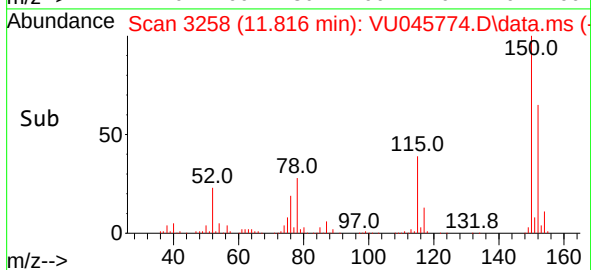
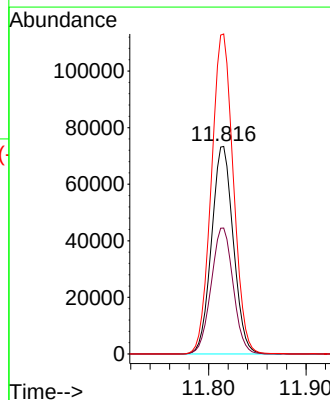
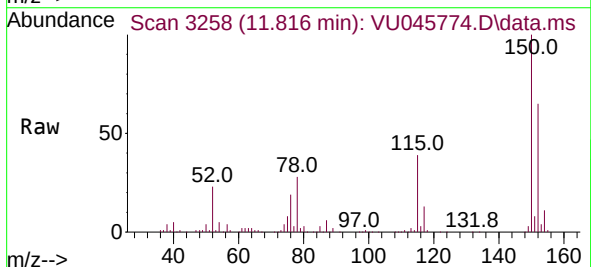
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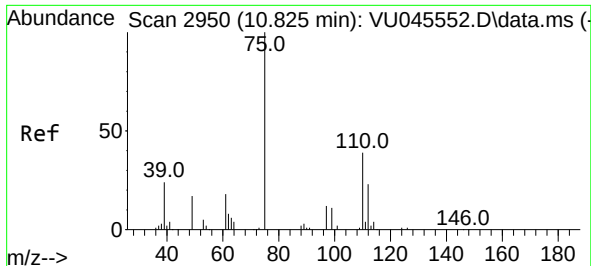
Tgt Ion:117 Resp: 227004
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion:152 Resp: 113792
Ion Ratio Lower Upper
152 100
115 61.3 42.7 128.1
150 156.0 0.0 346.8

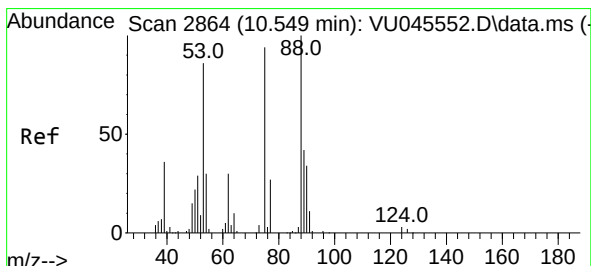
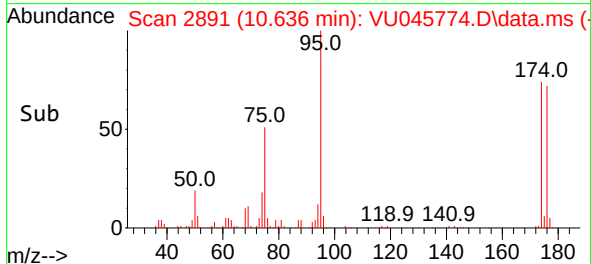
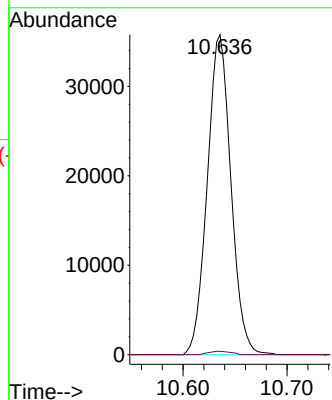
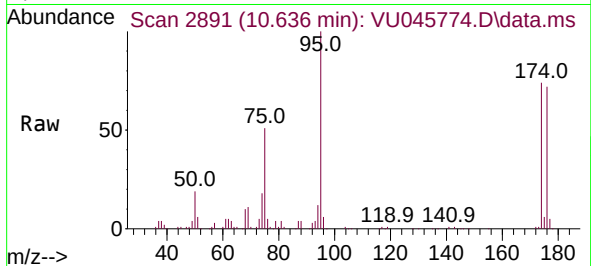




#76
1,2,3-Trichloropropane
Concen: 16.380 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

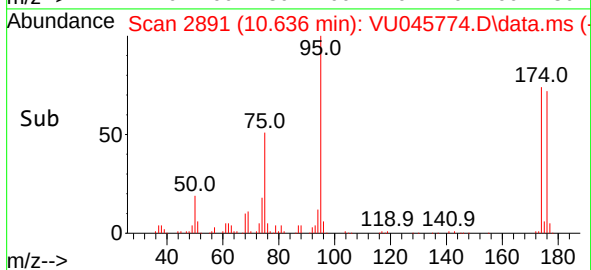
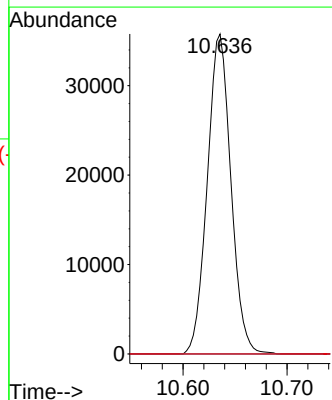
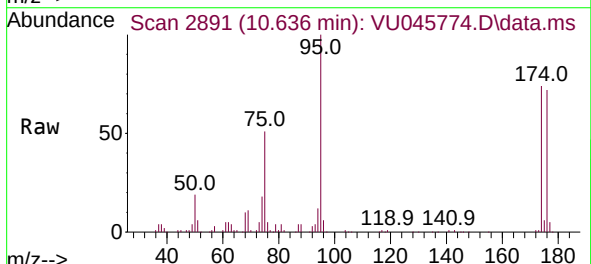
Instrument :
MSVOA_U
ClientSampleId :
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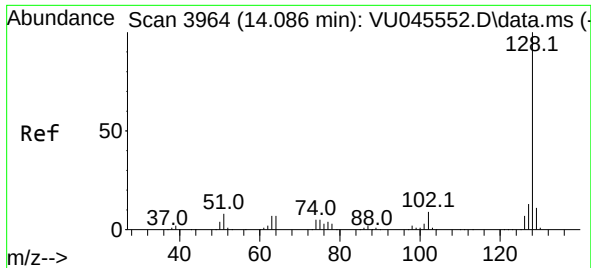
Tgt Ion: 75 Resp: 56524
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.440 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045774.D
Acq: 12 Nov 2021 17:07

Tgt Ion: 75 Resp: 56524
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.034 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU045774.D

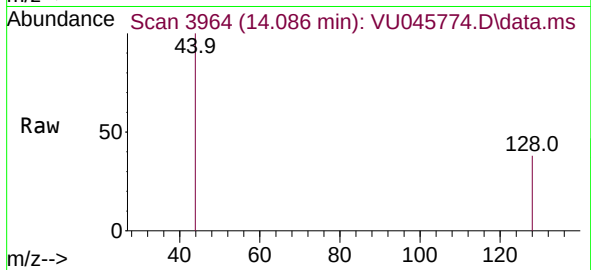
Acq: 12 Nov 2021 17:07

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK



Tgt Ion:128 Resp: 45

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

