

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047774.D
 Acq On : 31 Mar 2022 15:35
 Operator : SY/MD
 Sample : VU0331WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBL02

Quant Time: Apr 01 02:25:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 13:50:29 2022
 Response via : Initial Calibration

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

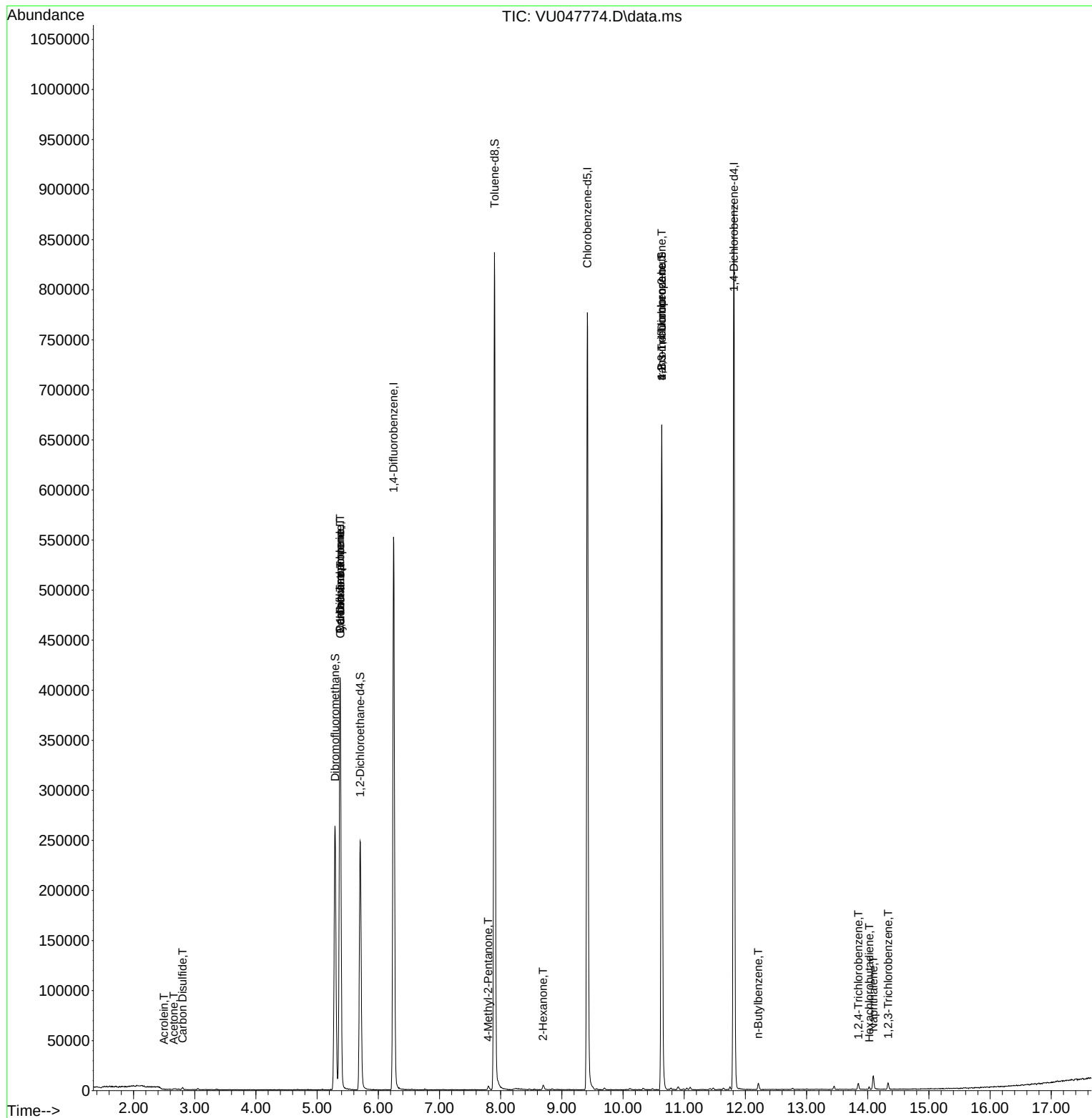
Internal Standards						
1) Pentafluorobenzene	5.375	168	316475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	481653	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	463392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	247975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	190287	56.046	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.100%	
35) Dibromofluoromethane	5.292	113	170744	52.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	7.899	98	586299	50.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	10.632	95	214106	47.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.480%	
Target Compounds						
					Qvalue	
13) Acrolein	2.498	56	45	2.923	ug/l #	14
16) Acetone	2.655	43	573	0.231	ug/l #	40
17) Carbon Disulfide	2.800	76	2352	0.264	ug/l #	92
31) Cyclohexane	5.378	56	5572	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	20706	4.541	ug/l #	48
38) Carbon Tetrachloride	5.375	117	27949	5.747	ug/l #	16
51) 4-Methyl-2-Pentanone	7.796	43	2583	0.458	ug/l	91
59) 2-Hexanone	8.693	43	3729	0.806	ug/l	94
76) 1,2,3-Trichloropropane	10.632	75	102874	14.820	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	102874	52.749	ug/l #	15
89) n-Butylbenzene	12.211	91	2764	0.225	ug/l	94
93) 1,2,4-Trichlorobenzene	13.844	180	2499	0.437	ug/l	97
94) Hexachlorobutadiene	14.024	225	751	0.260	ug/l	88
95) Naphthalene	14.092	128	13364	0.784	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	2921	0.524	ug/l	88

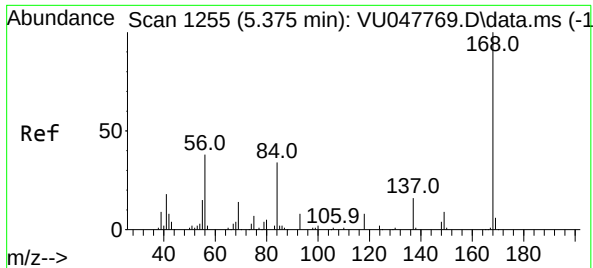
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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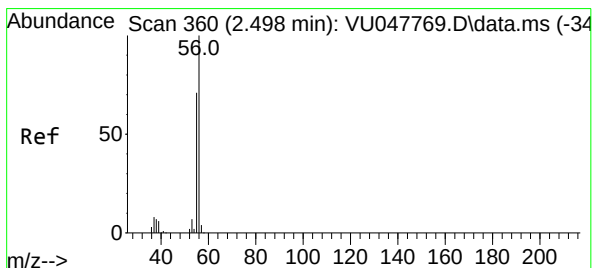
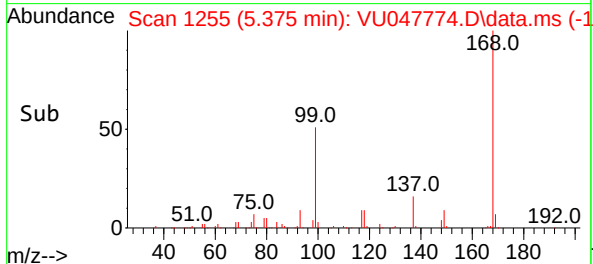
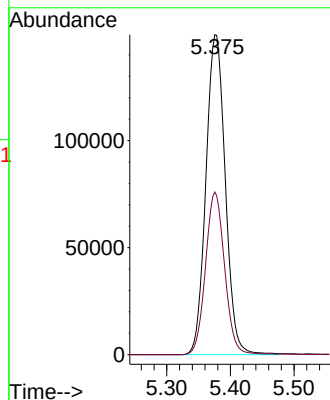
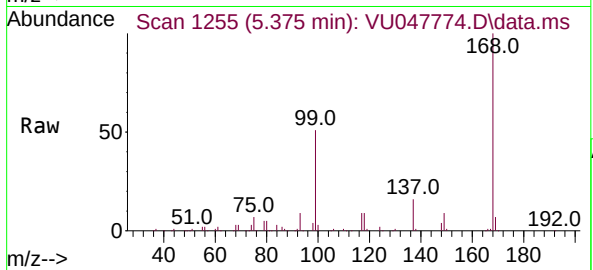




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

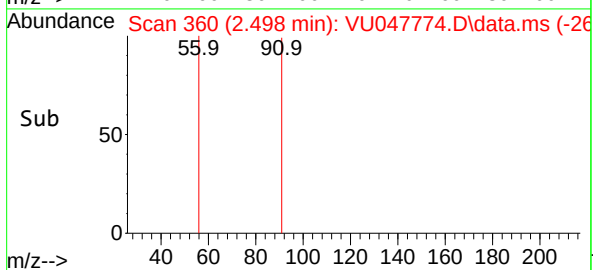
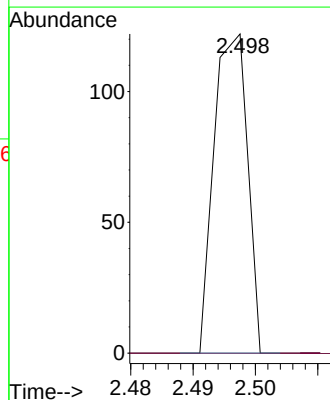
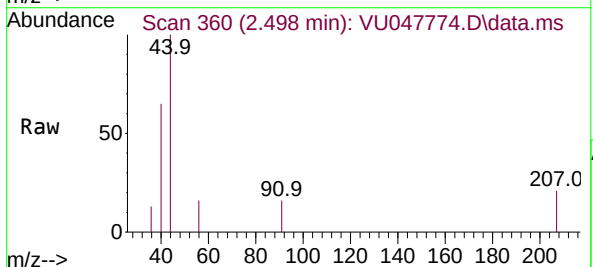
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

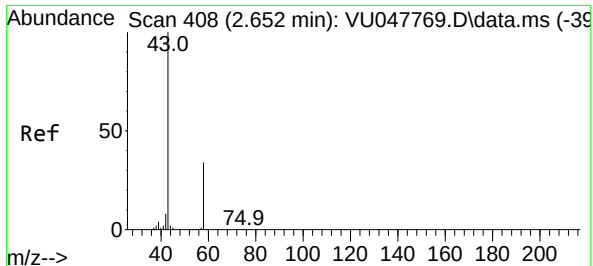
Tgt Ion:168 Resp: 316475
Ion Ratio Lower Upper
168 100
99 50.9 39.3 58.9



#13
Acrolein
Concen: 2.923 ug/l
RT: 2.498 min Scan# 360
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

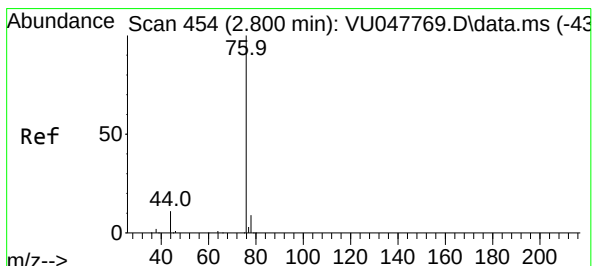
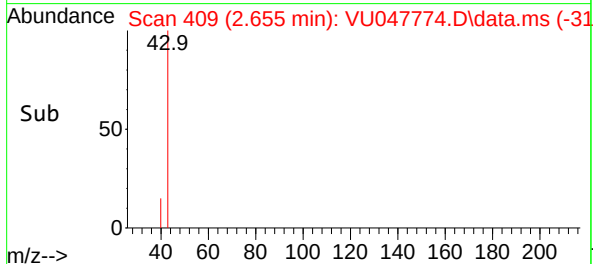
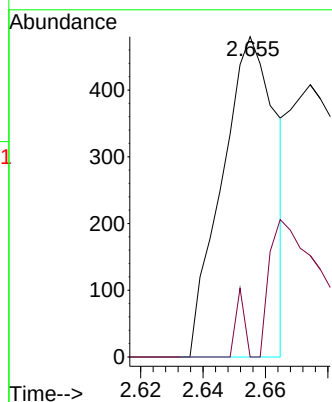
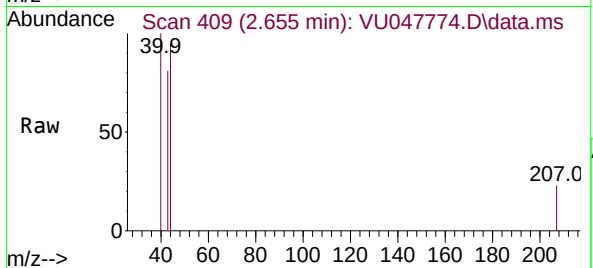




#16
Acetone
Concen: 0.231 ug/l
RT: 2.655 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

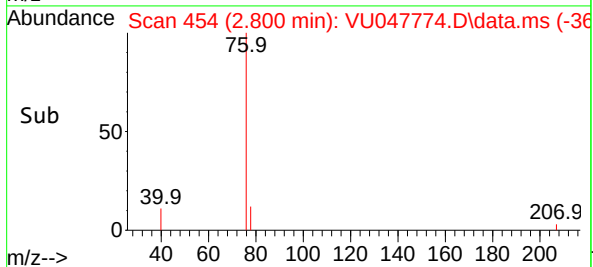
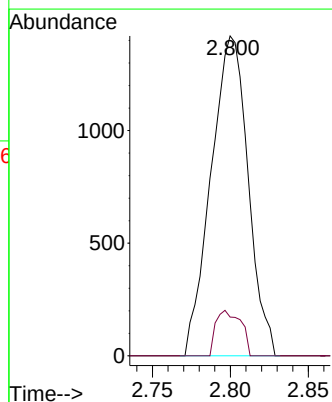
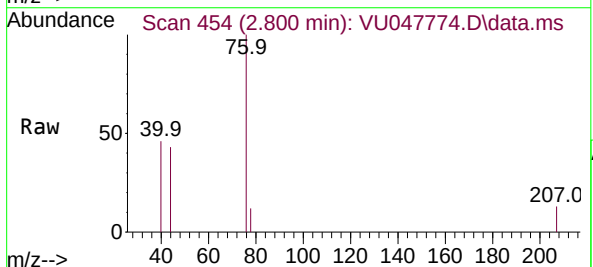
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

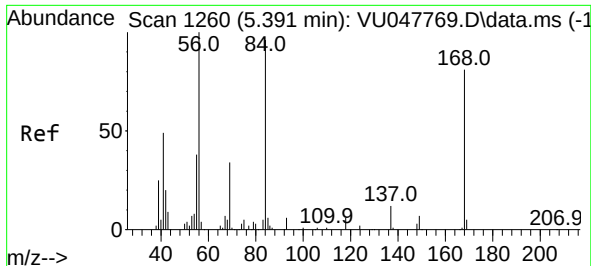
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 76 Resp: 2352
Ion Ratio Lower Upper
76 100
78 12.1 7.3 10.9#

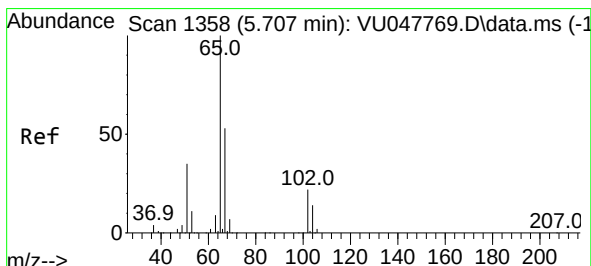
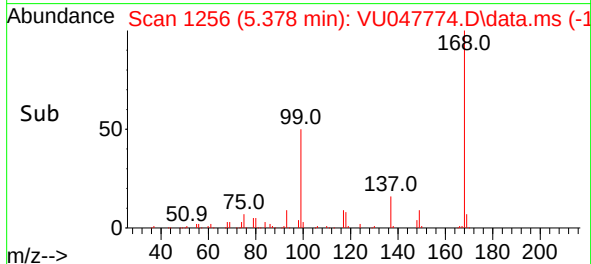
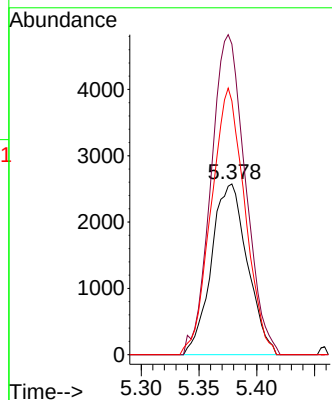
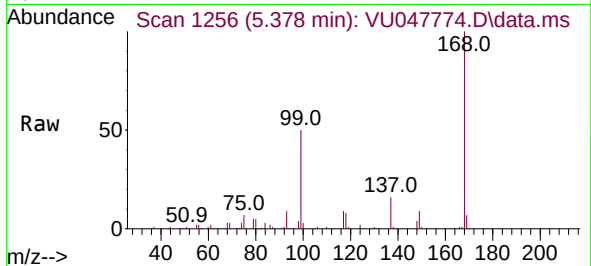




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

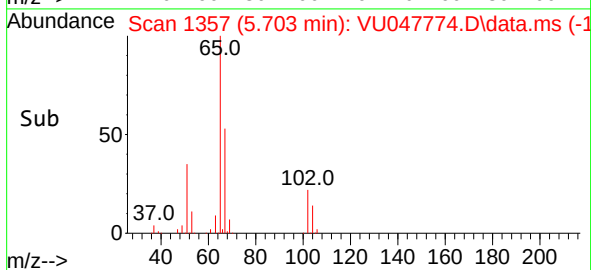
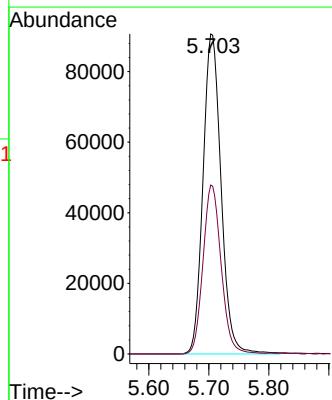
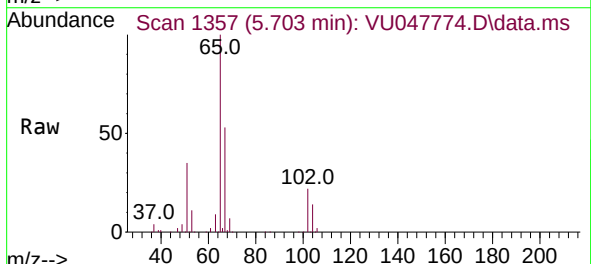
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

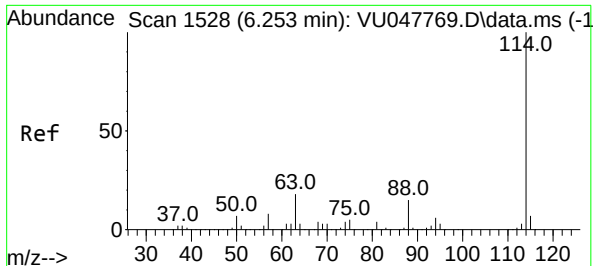
Tgt Ion: 56 Resp: 5572
Ion Ratio Lower Upper
56 100
69 182.0 27.8 41.8#
84 148.6 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 56.046 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 65 Resp: 190287
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047774.D

Acq: 31 Mar 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU0331WBL02

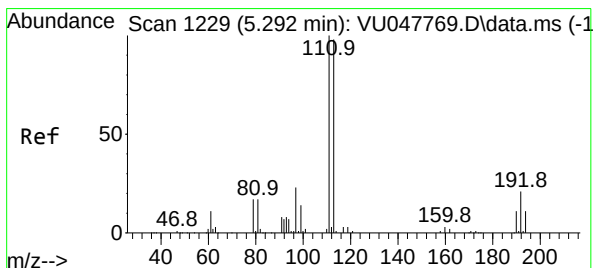
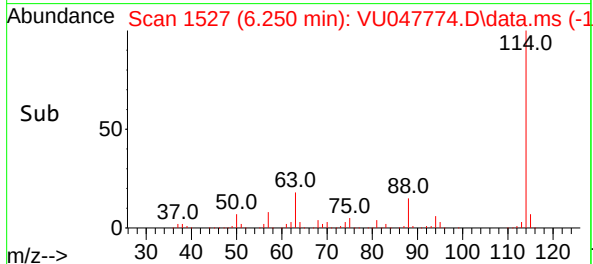
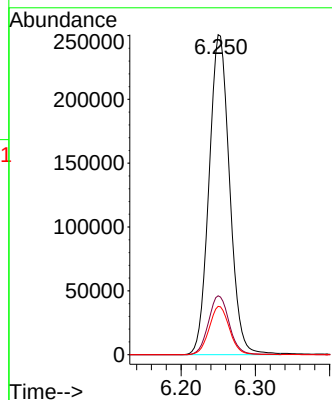
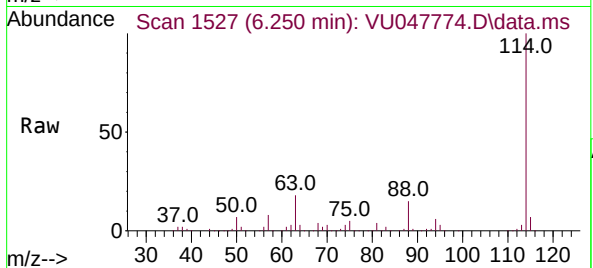
Tgt Ion:114 Resp: 481653

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 15.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.860 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU047774.D

Acq: 31 Mar 2022 15:35

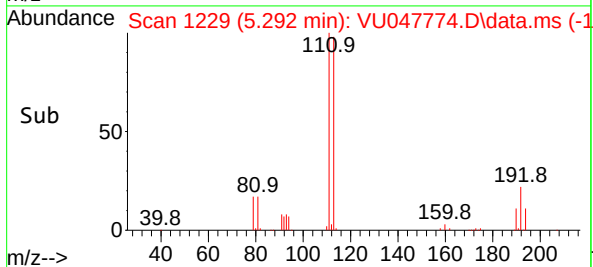
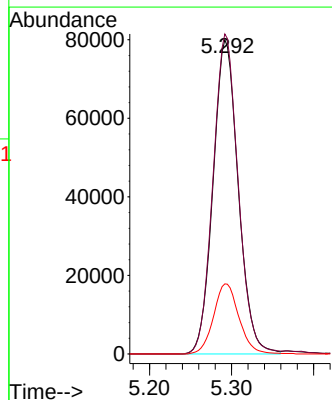
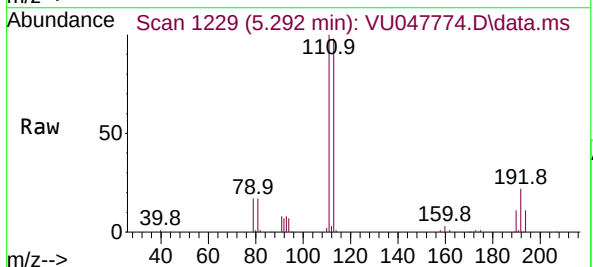
Tgt Ion:113 Resp: 170744

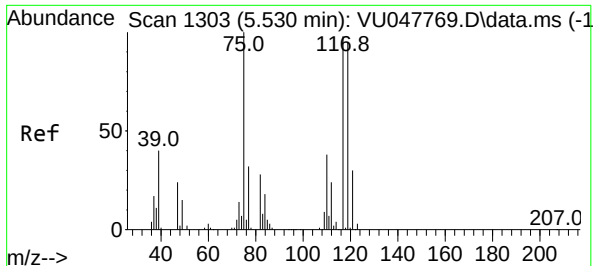
Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

192 22.6 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.541 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU047774.D

Acq: 31 Mar 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU0331WBL02

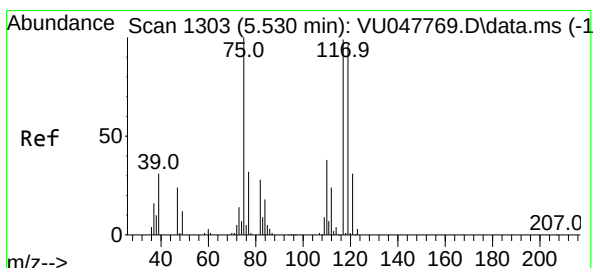
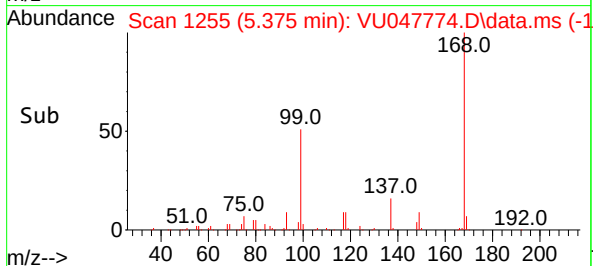
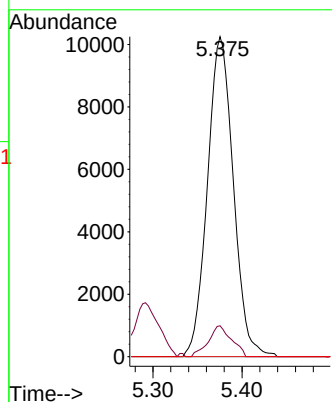
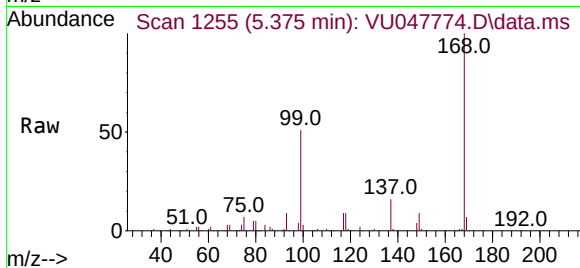
Tgt Ion: 75 Resp: 20706

Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.747 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU047774.D

Acq: 31 Mar 2022 15:35

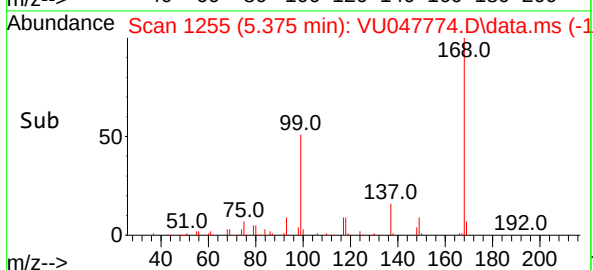
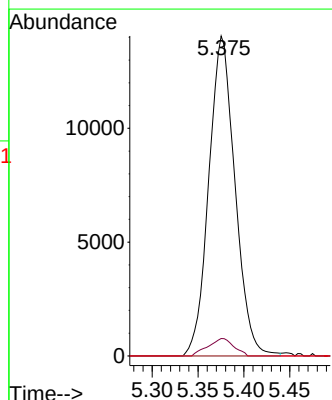
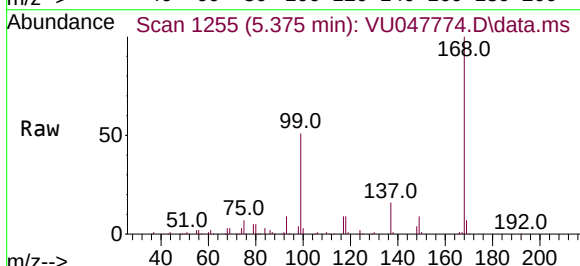
Tgt Ion: 117 Resp: 27949

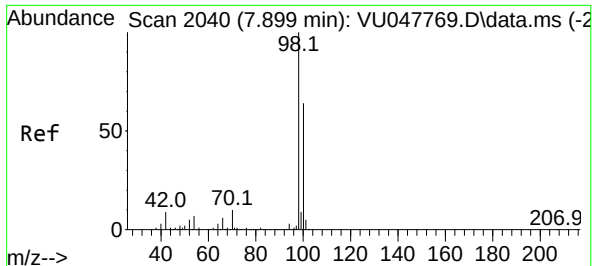
Ion Ratio Lower Upper

117 100

119 5.5 76.8 115.2#

121 0.0 24.7 37.1#

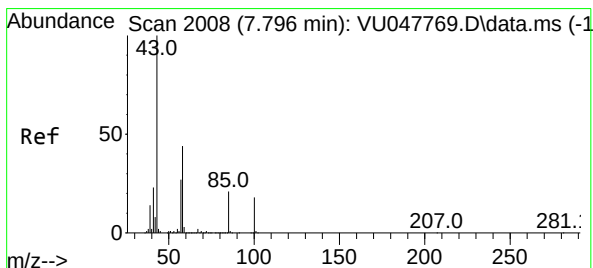
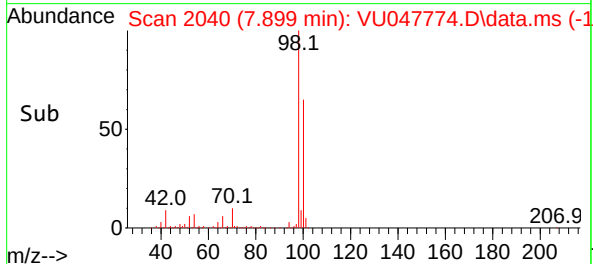
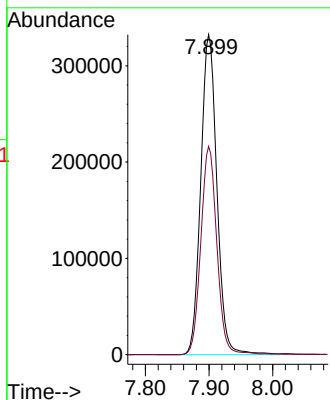
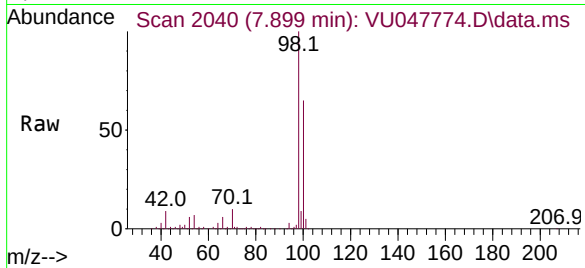




#50
Toluene-d8
Concen: 50.382 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

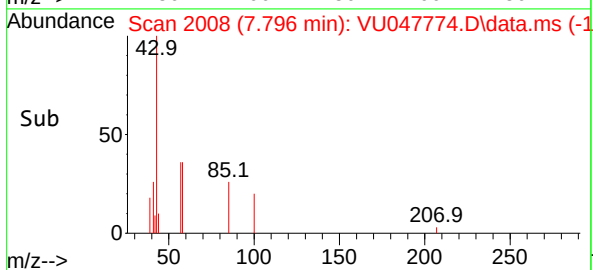
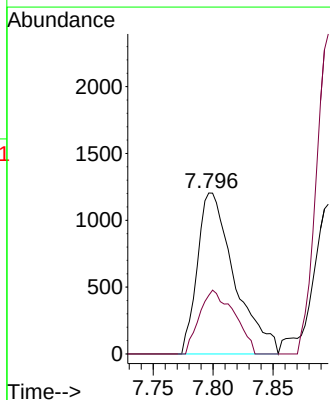
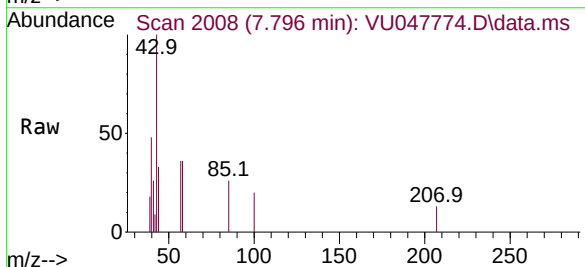
Instrument :
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VU0331WBL02

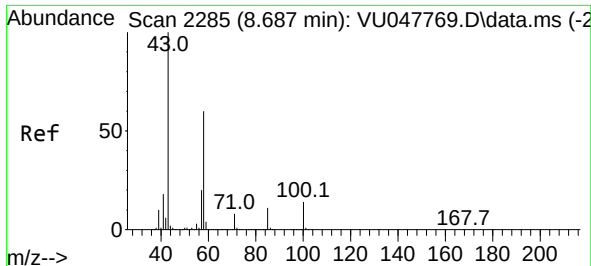
Tgt Ion: 98 Resp: 586299
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 43 Resp: 2583
Ion Ratio Lower Upper
43 100
58 37.4 34.7 52.1

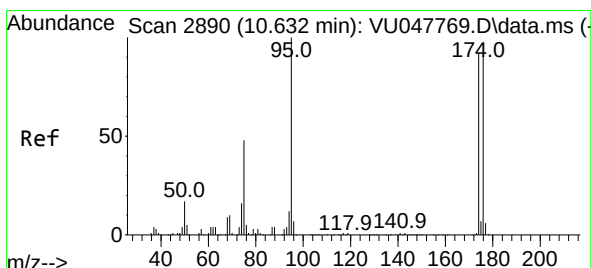
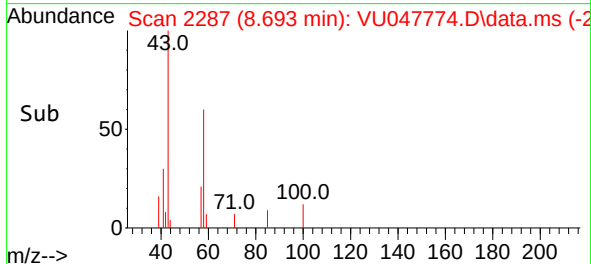
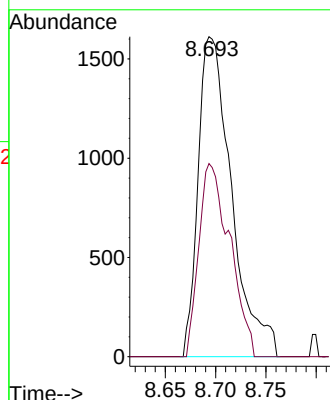
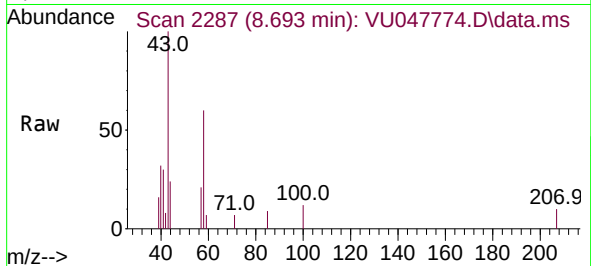




#59
2-Hexanone
Concen: 0.806 ug/l
RT: 8.693 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

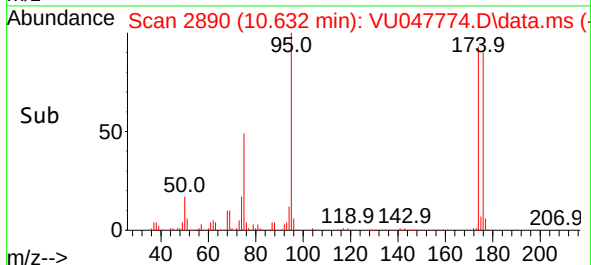
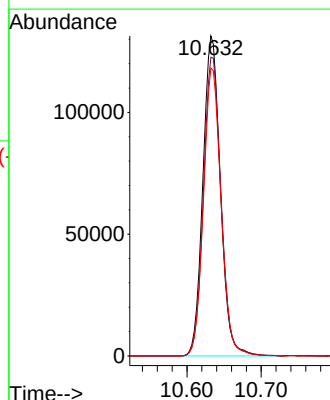
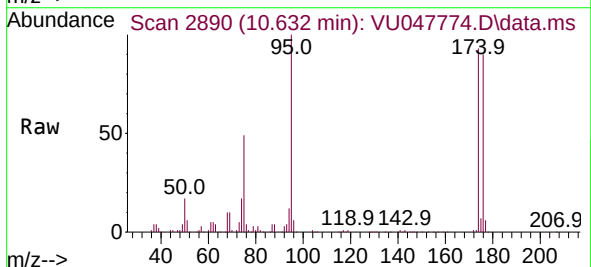
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

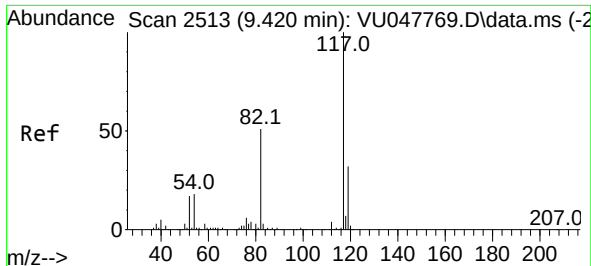
Tgt Ion: 43 Resp: 3729
Ion Ratio Lower Upper
43 100
58 55.8 30.3 90.8



#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 95 Resp: 214106
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.0
176 90.6 0.0 177.8

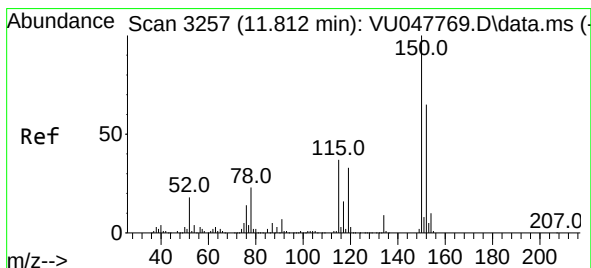
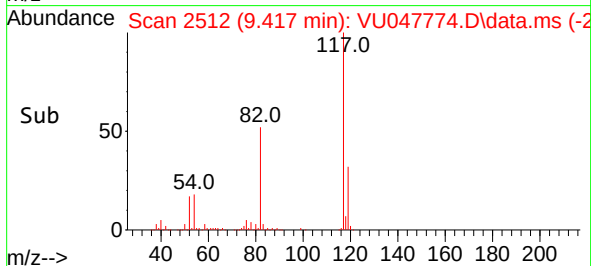
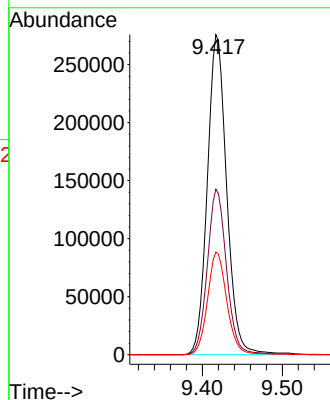
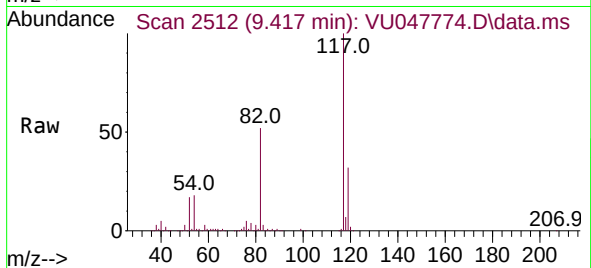




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

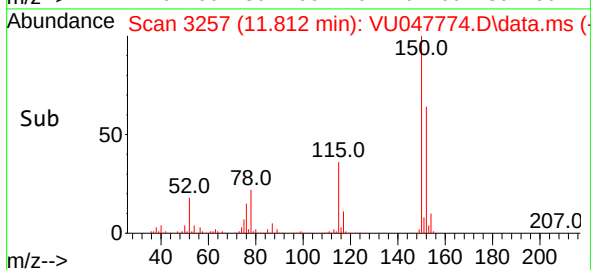
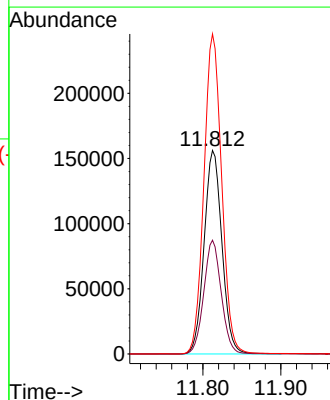
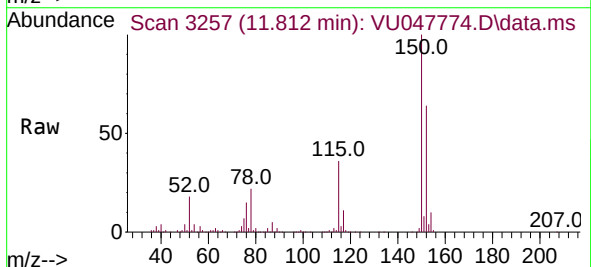
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

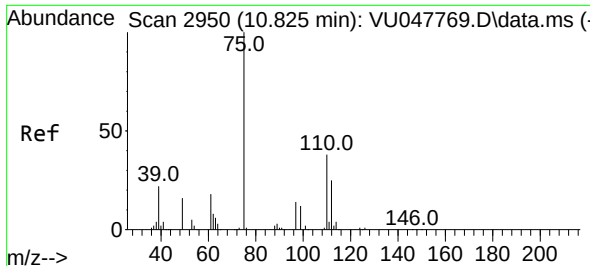
Tgt Ion:117 Resp: 463392
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion:152 Resp: 247975
Ion Ratio Lower Upper
152 100
115 54.7 37.0 110.9
150 156.7 0.0 342.2

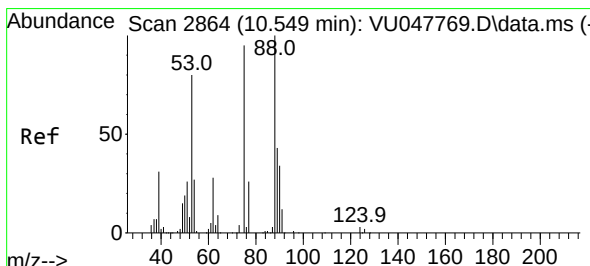
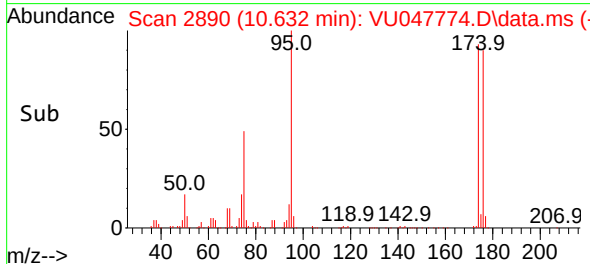
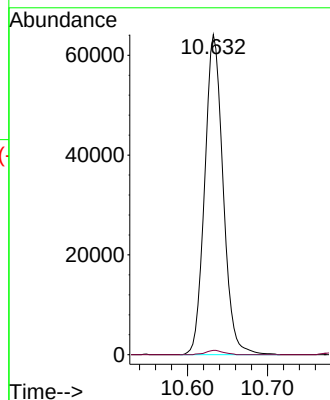
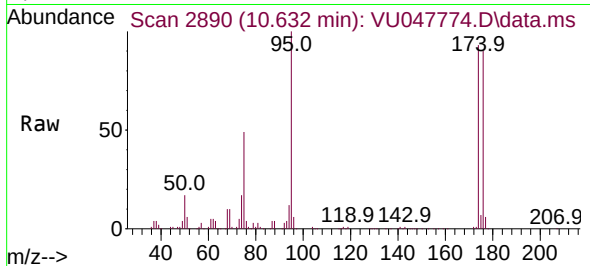




#76
1,2,3-Trichloropropane
Concen: 14.820 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

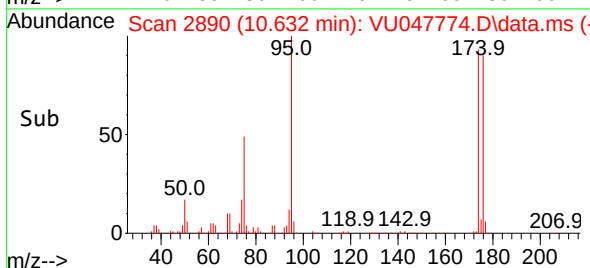
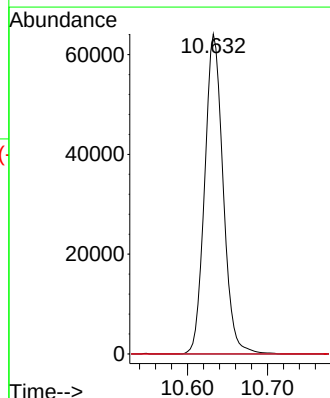
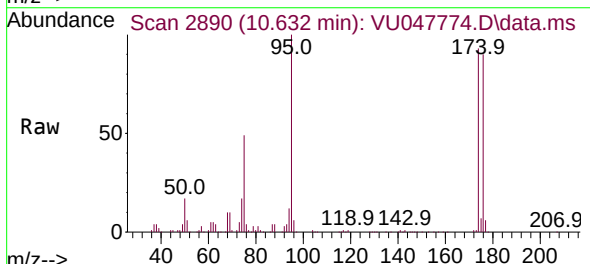
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

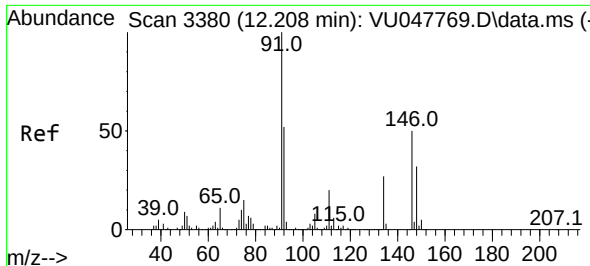
Tgt Ion: 75 Resp: 102874
Ion Ratio Lower Upper
75 100
77 1.3 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.749 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 75 Resp: 102874
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

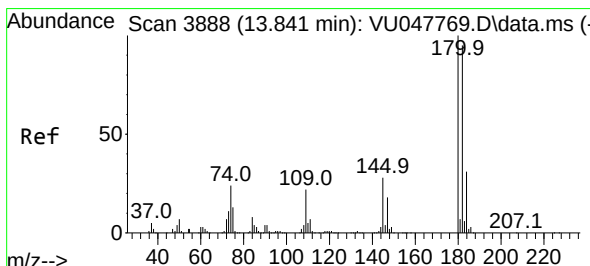
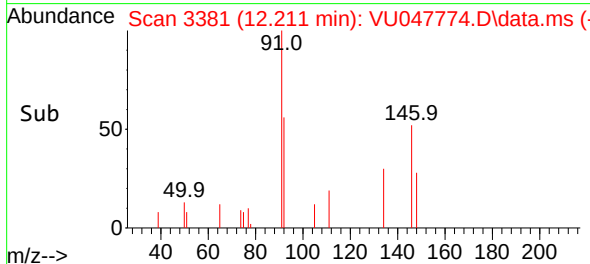
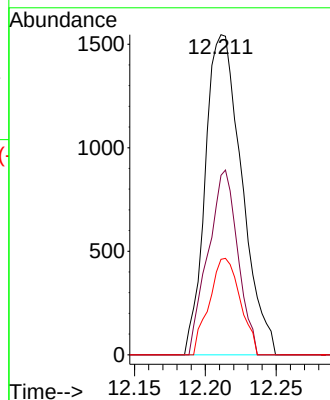
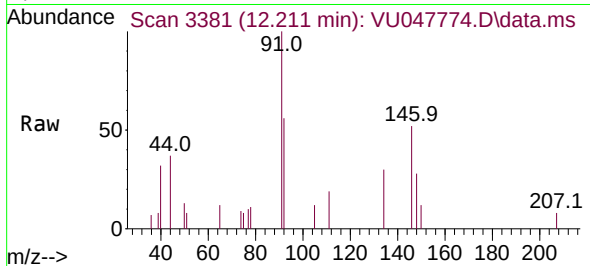




#89
n-Butylbenzene
Concen: 0.225 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

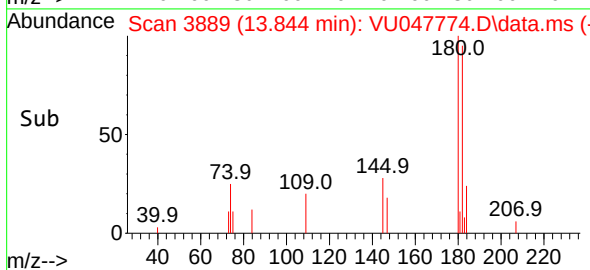
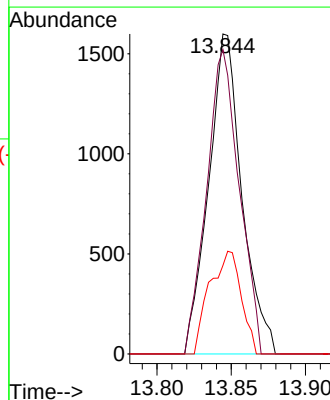
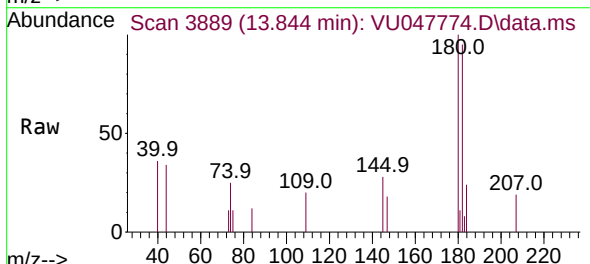
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

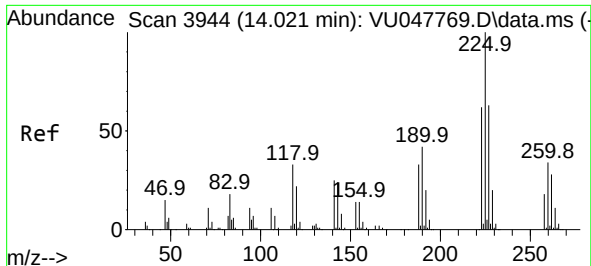
Tgt Ion:	91	Resp:	2764
Ion	Ratio	Lower	Upper
91	100		
92	47.1	26.2	78.6
134	25.5	13.5	40.4



#93
1,2,4-Trichlorobenzene
Concen: 0.437 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion:	180	Resp:	2499
Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.9	143.6
145	30.3	14.0	41.9

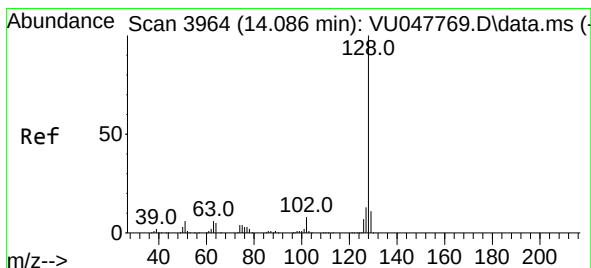
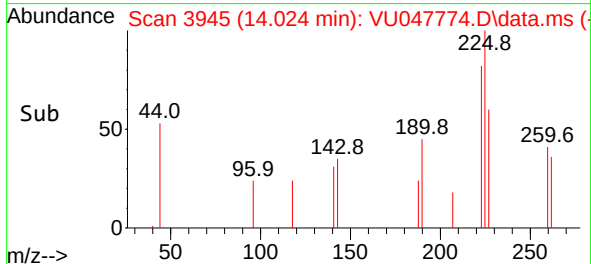
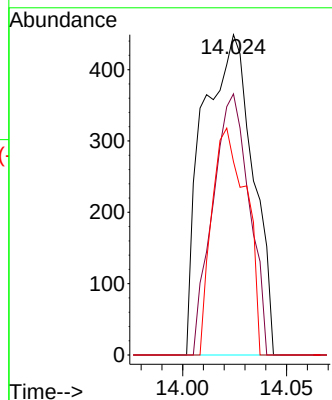
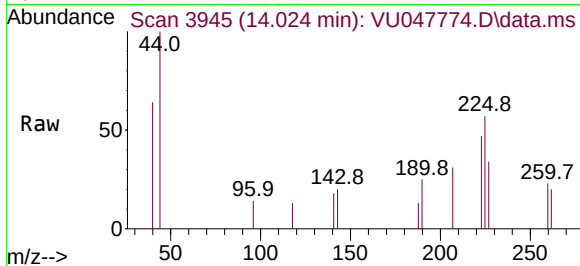




#94
Hexachlorobutadiene
Concen: 0.260 ug/l
RT: 14.024 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

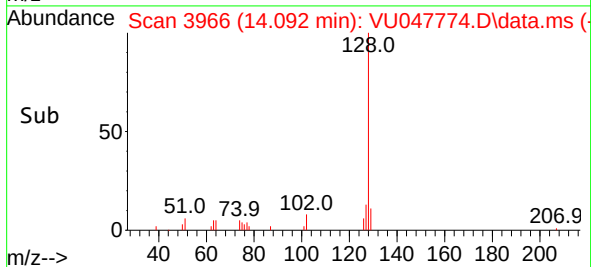
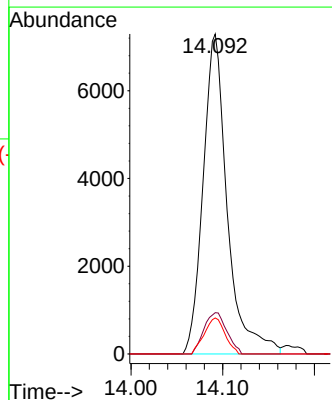
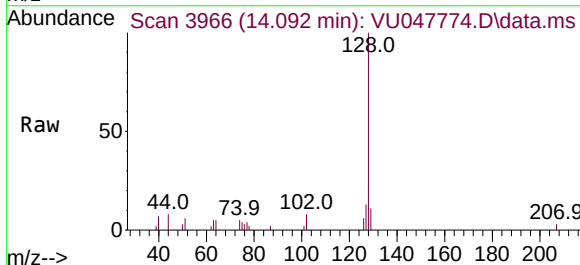
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

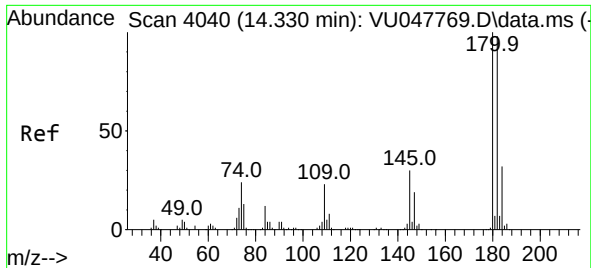
Tgt Ion:	225	Resp:	751
Ion	Ratio	Lower	Upper
225	100		
223	59.7	31.3	93.9
227	48.9	32.0	96.2



#95
Naphthalene
Concen: 0.784 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

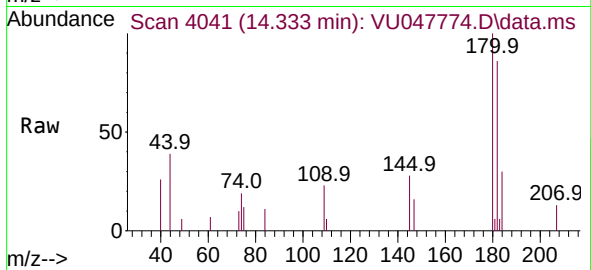
Tgt Ion:	128	Resp:	13364
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	9.6	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.524 ug/l
 RT: 14.333 min Scan# 4040
 Delta R.T. 0.003 min
 Lab File: VU047774.D
 Acq: 31 Mar 2022 15:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBL02



Tgt Ion:	180	Resp:	2921
Ion	Ratio	Lower	Upper
180	100		
182	84.5	48.4	145.0
145	23.8	14.8	44.4

