

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047169.D
 Acq On : 16 Feb 2022 18:27
 Operator : SY/MD
 Sample : N1558-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:07:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

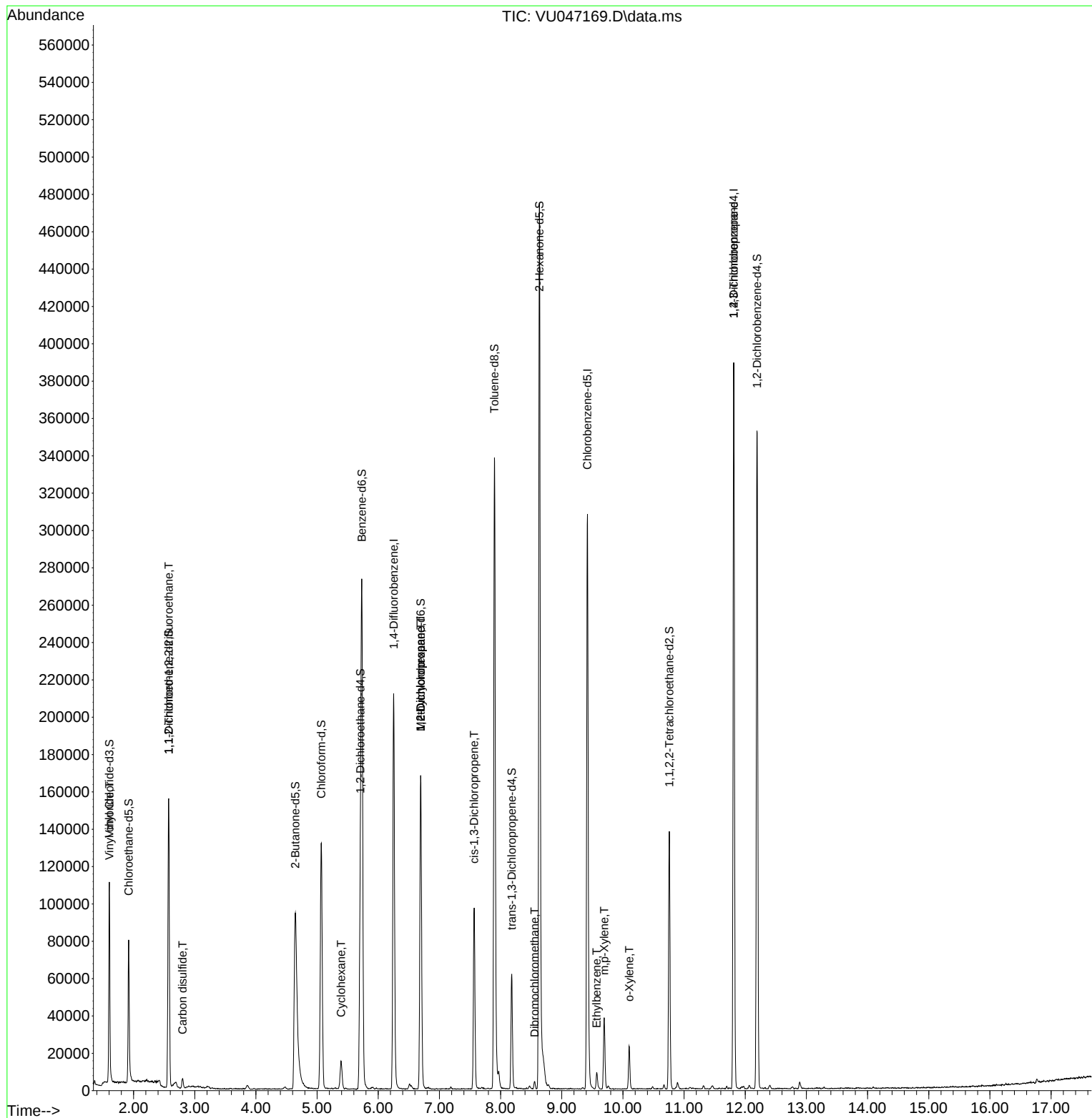
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	182620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71839	4.658	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.919	69	57394	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.575	65	29737	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.645	46	207699	56.340	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.680%
24) Chloroform-d	5.070	84	122709	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.707	65	68933	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.732	84	257912	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	82457	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.899	98	245683	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.182	79	34346	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.636	63	179356	45.400	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	68065	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	94362	4.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	8382	0.495	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	946	0.076	ug/L #	21
14) Carbon disulfide	2.800	76	6774	0.169	ug/L	100
30) Cyclohexane	5.395	56	7624	0.347	ug/L	98
35) Methylcyclohexane	6.694	83	18966	0.797	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8722	0.638	ug/L #	92
39) cis-1,3-Dichloropropene	7.568	75	2292	0.108	ug/L #	76
49) Dibromochloromethane	8.559	129	820	0.064	ug/L #	10
52) Ethylbenzene	9.571	91	6885	0.107	ug/L	94
53) m,p-Xylene	9.697	106	11638	0.459	ug/L	100
54) o-Xylene	10.102	106	6076	0.246	ug/L	99
61) 1,2,3-Trichloropropane	11.812	75	12017	1.188	ug/L #	66

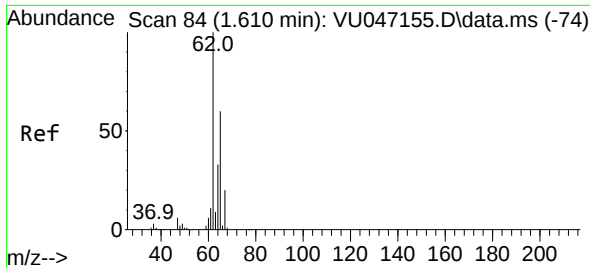
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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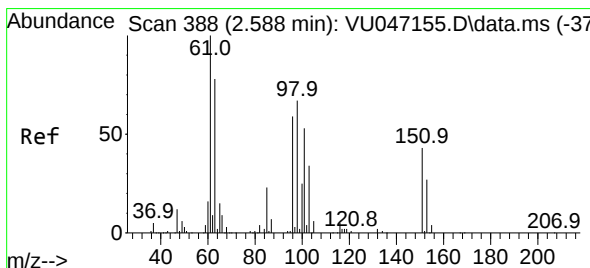
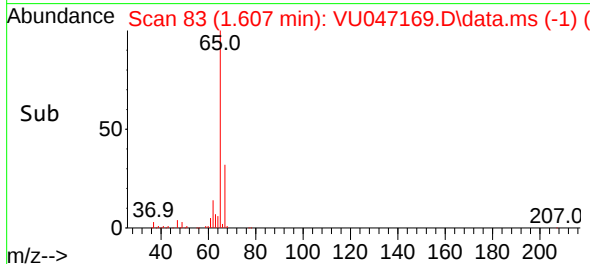
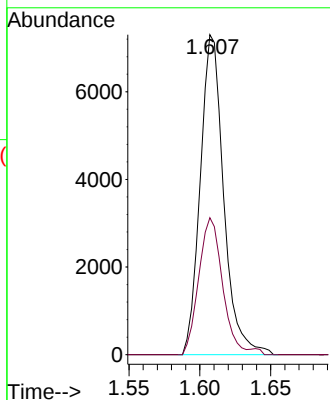
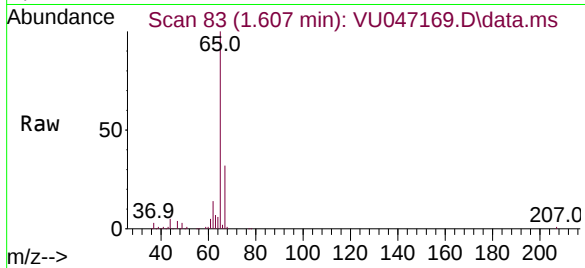




#5
 Vinyl chloride
 Concen: 0.495 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047169.D
 Acq: 16 Feb 2022 18:27

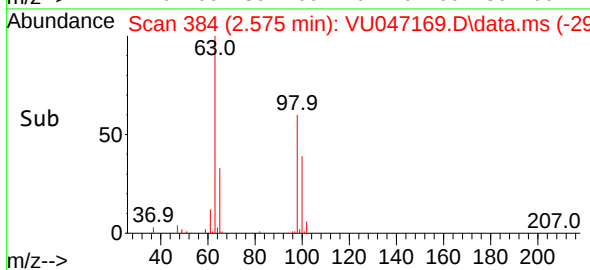
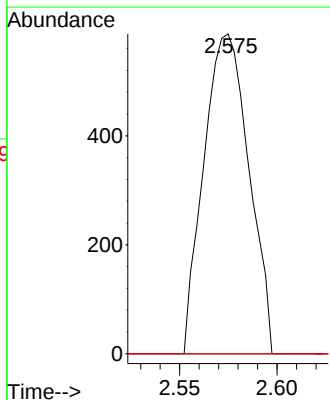
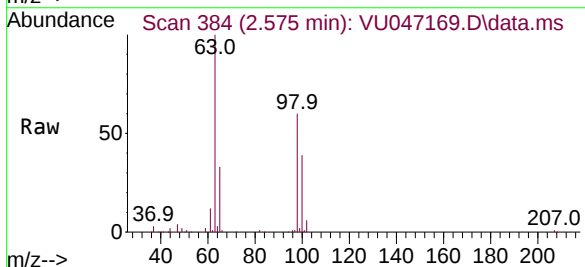
Instrument :
 MSVOA_U
 ClientSampleId :

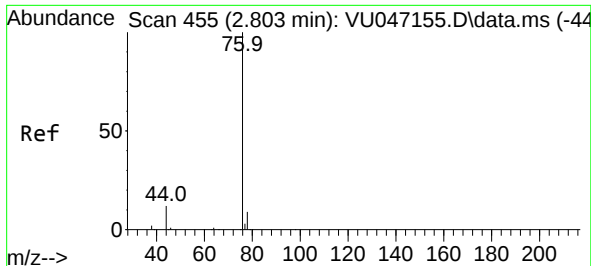
Tgt Ion: 62 Resp: 8382
 Ion Ratio Lower Upper
 62 100
 64 42.8 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.076 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047169.D
 Acq: 16 Feb 2022 18:27

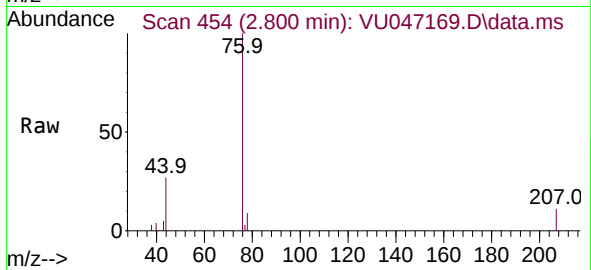
Tgt Ion: 101 Resp: 946
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



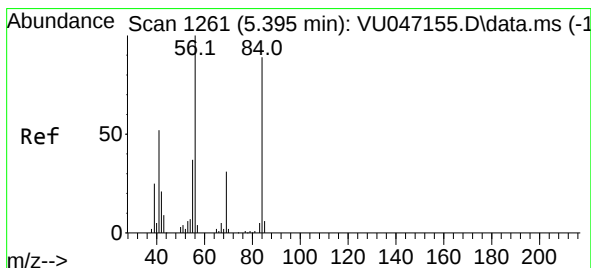
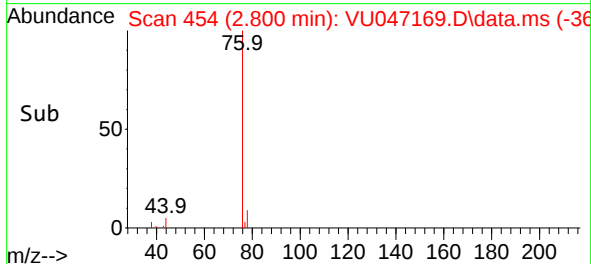
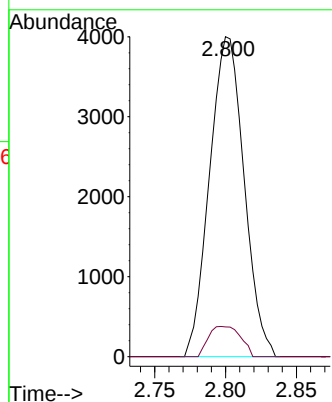


#14
Carbon disulfide
Concen: 0.169 ug/L
RT: 2.800 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU047169.D
Acq: 16 Feb 2022 18:27

Instrument :
MSVOA_U
ClientSampleId :

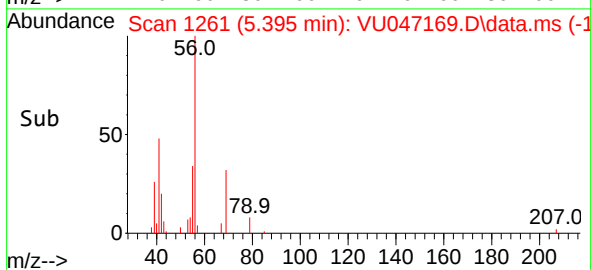
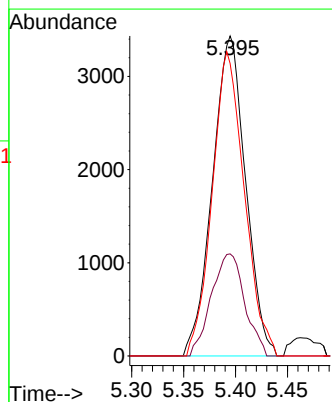
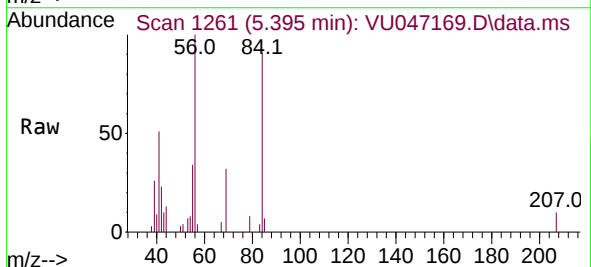


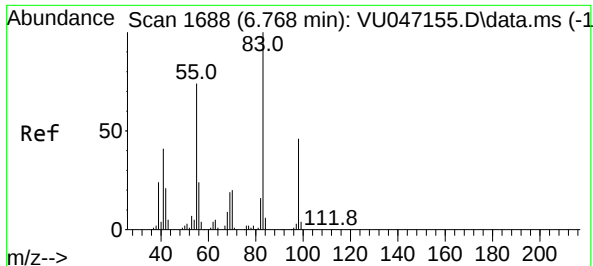
Tgt Ion: 76 Resp: 6774
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#30
Cyclohexane
Concen: 0.347 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047169.D
Acq: 16 Feb 2022 18:27

Tgt Ion: 56 Resp: 7624
Ion Ratio Lower Upper
56 100
69 32.1 24.7 37.1
84 92.1 71.8 107.6

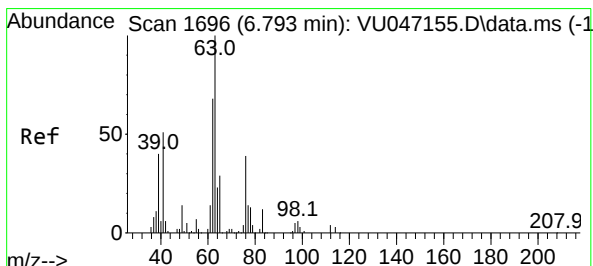
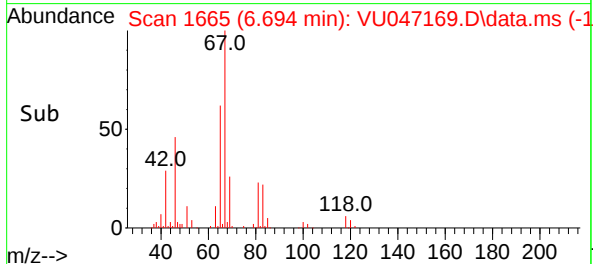
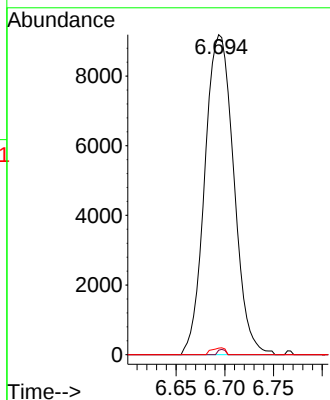
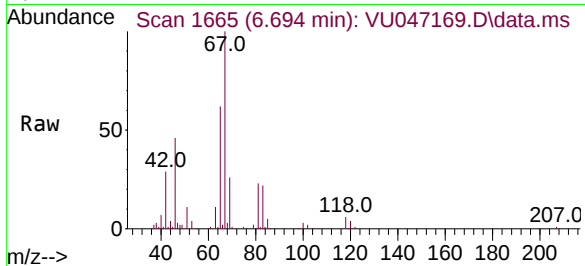




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047169.D
Acq: 16 Feb 2022 18:27

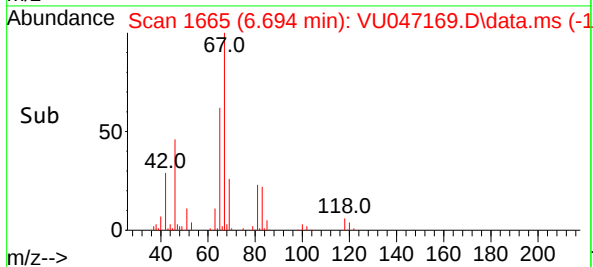
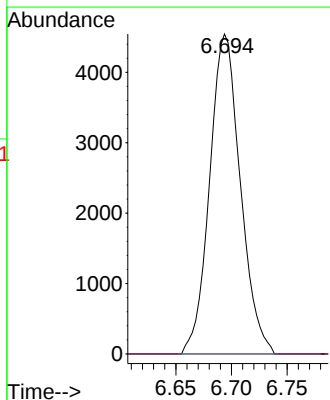
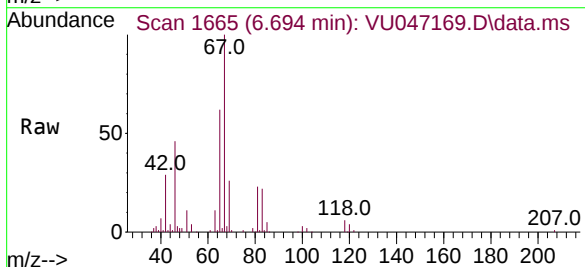
Instrument :
MSVOA_U
ClientSampleId :

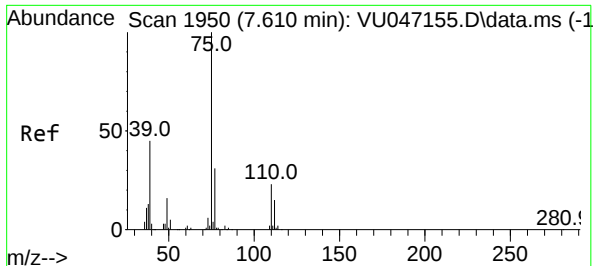
Tgt Ion: 83 Resp: 18966
Ion Ratio Lower Upper
83 100
55 0.4 61.9 92.9#
98 1.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047169.D
Acq: 16 Feb 2022 18:27

Tgt Ion: 63 Resp: 8722
Ion Ratio Lower Upper
63 100
112 1.5 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047169.D

Acq: 16 Feb 2022 18:27

Instrument :

MSVOA_U

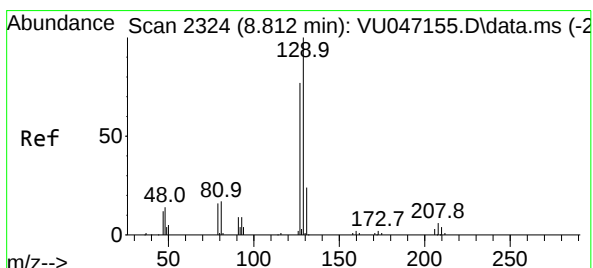
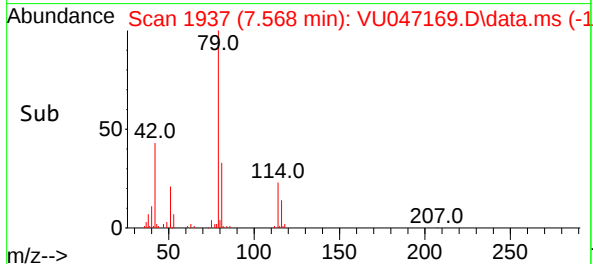
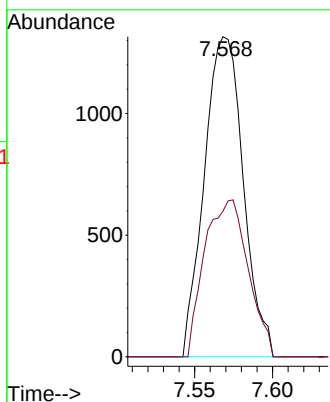
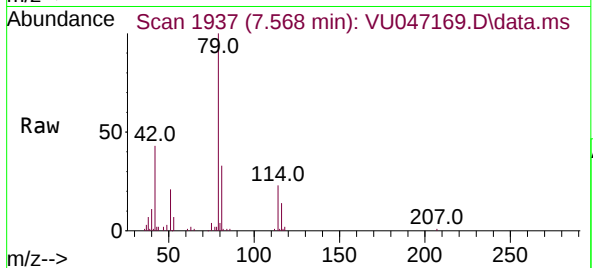
ClientSampleId :

Tgt Ion: 75 Resp: 2292

Ion Ratio Lower Upper

75 100

77 45.5 22.5 41.9#



#49

Dibromochloromethane

Concen: 0.064 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU047169.D

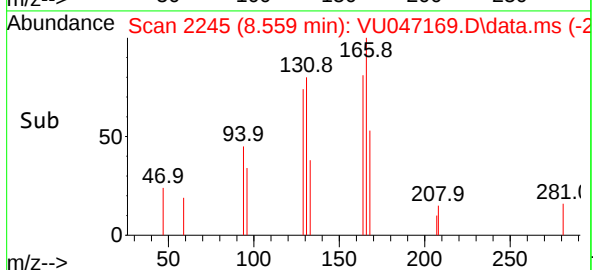
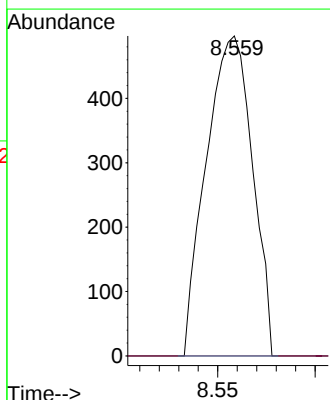
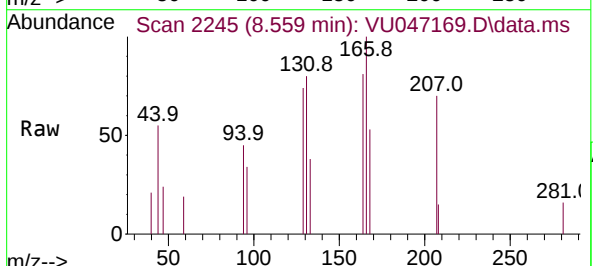
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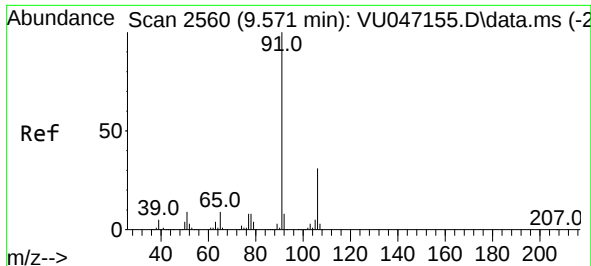
Tgt Ion: 129 Resp: 820

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#

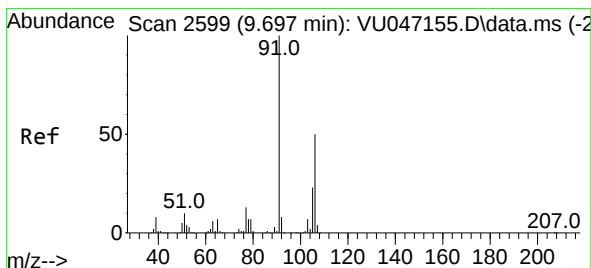
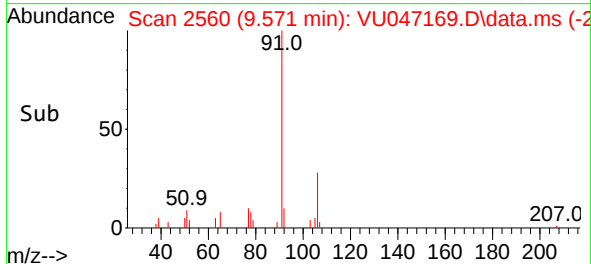
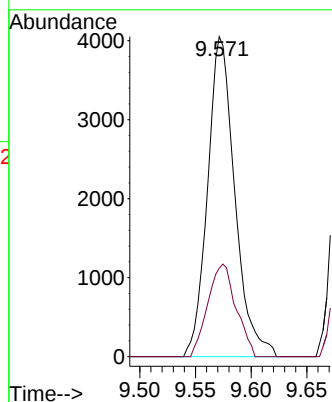
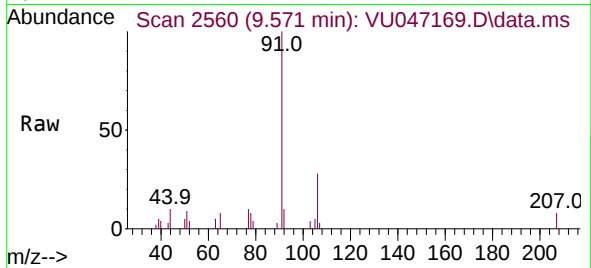




#52
Ethylbenzene
Concen: 0.107 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047169.D
Acq: 16 Feb 2022 18:27

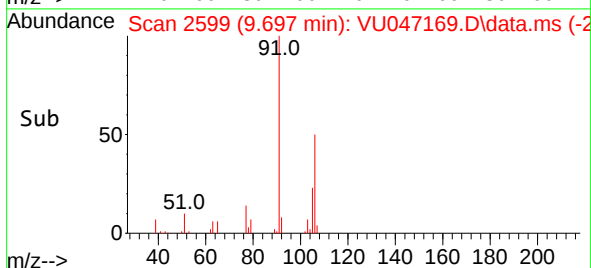
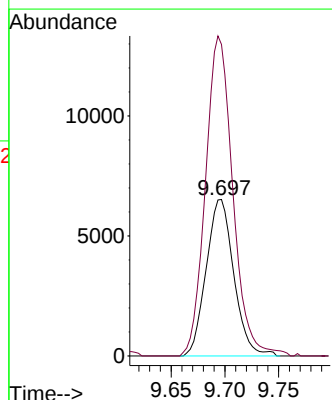
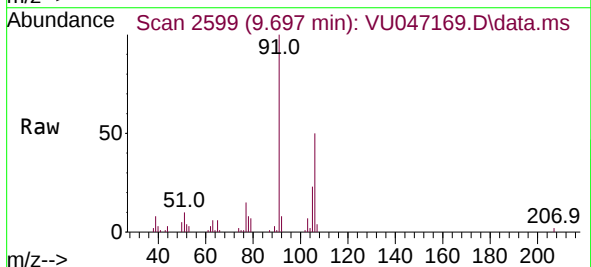
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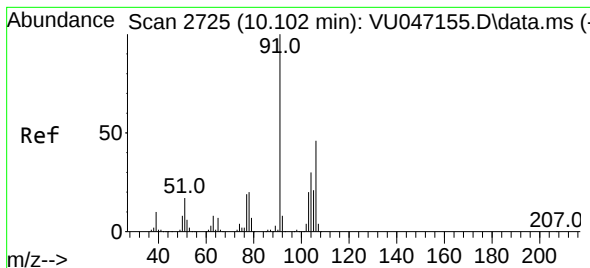
Tgt Ion: 91 Resp: 6885
Ion Ratio Lower Upper
91 100
106 27.6 21.5 39.9



#53
m,p-Xylene
Concen: 0.459 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047169.D
Acq: 16 Feb 2022 18:27

Tgt Ion: 106 Resp: 11638
Ion Ratio Lower Upper
106 100
91 199.2 139.4 259.0





#54

o-Xylene

Concen: 0.246 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047169.D

Acq: 16 Feb 2022 18:27

Instrument :

MSVOA_U

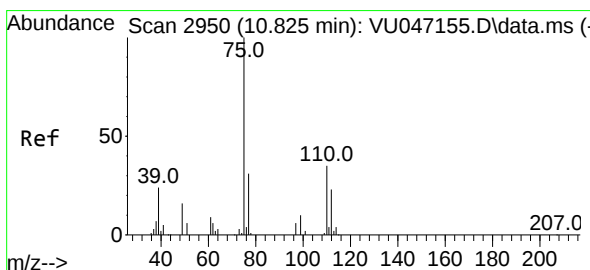
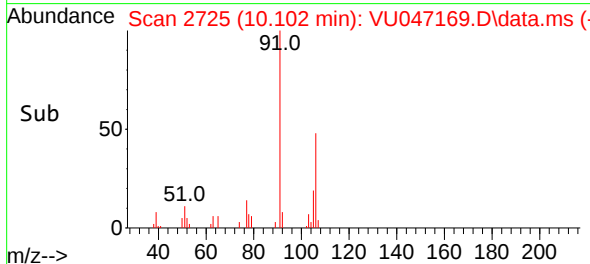
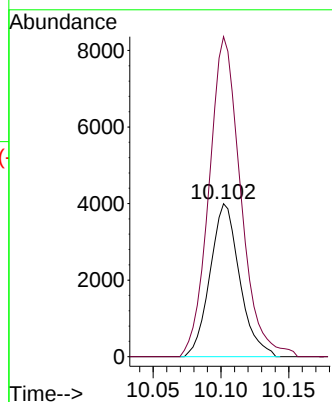
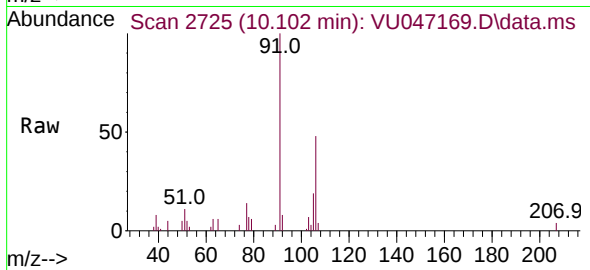
ClientSampleId :

Tgt Ion:106 Resp: 6076

Ion Ratio Lower Upper

106 100

91 209.2 147.5 273.9



#61

1,2,3-Trichloropropane

Concen: 1.188 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047169.D

Acq: 16 Feb 2022 18:27

Tgt Ion: 75 Resp: 12017

Ion Ratio Lower Upper

75 100

110 1.8 29.9 44.9#

77 34.3 25.5 38.3

