

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047365.D
 Acq On : 07 Mar 2022 14:21
 Operator : SY/MD
 Sample : N1822-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

Quant Time: Mar 08 03:01:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

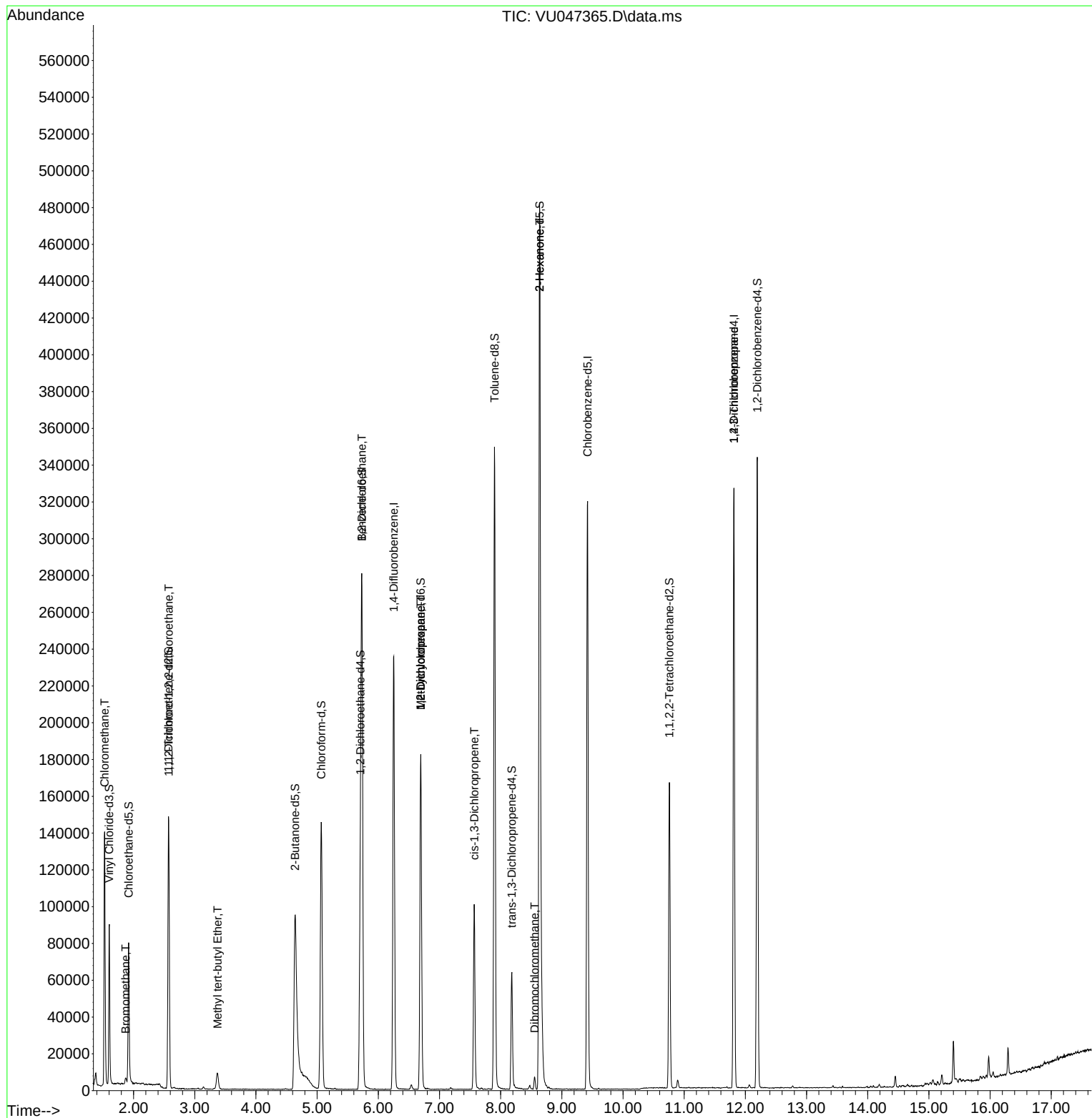
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	206293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	189636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61497	4.200	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.919	69	58340	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.572	65	27099	4.382	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.639	46	195261	40.622	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.240%	
24) Chloroform-d	5.070	84	136451	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.707	65	75937	5.002	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.732	84	268688	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.694	67	88760	5.336	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.899	98	240650	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.182	79	36481	4.991	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.636	63	204514	49.159	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.320%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82621	4.875	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	94812	5.281	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						Qvalue
3) Chloromethane	1.527	50	106735	7.421	ug/L	100
6) Bromomethane	1.871	94	1983	0.268	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	756	0.076	ug/L #	21
17) Methyl tert-butyl Ether	3.372	73	10712	0.396	ug/L	97
27) 1,2-Dichloroethane	5.732	62	1304	0.097	ug/L #	73
35) Methylcyclohexane	6.694	83	20317	1.178	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	9595	0.904	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2119	0.126	ug/L #	45
48) 2-Hexanone	8.636	43	23569	3.947	ug/L #	62
49) Dibromochloromethane	8.555	129	1311	0.121	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9263	1.218	ug/L #	65

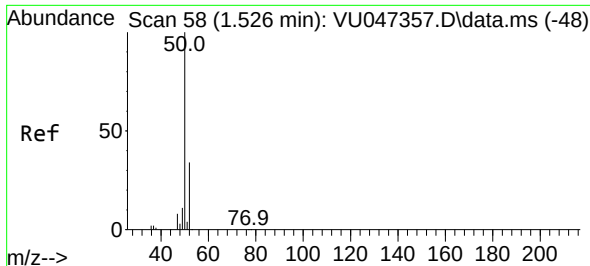
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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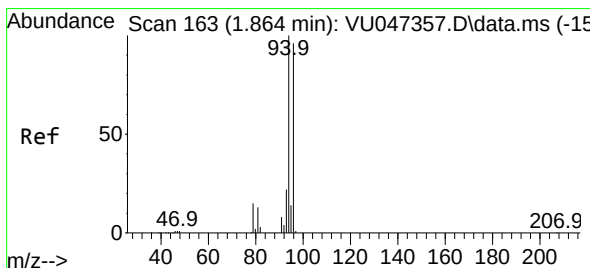
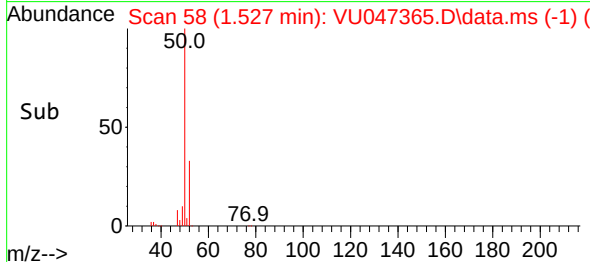
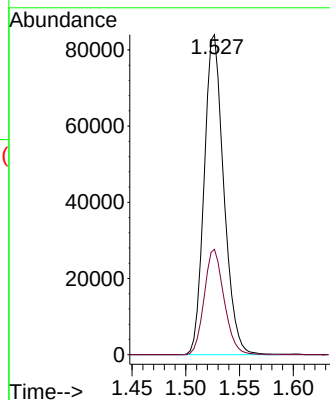
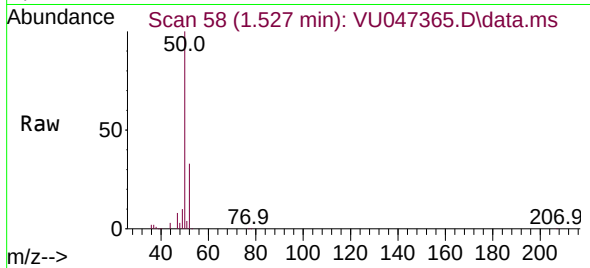




#3
Chloromethane
Concen: 7.421 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

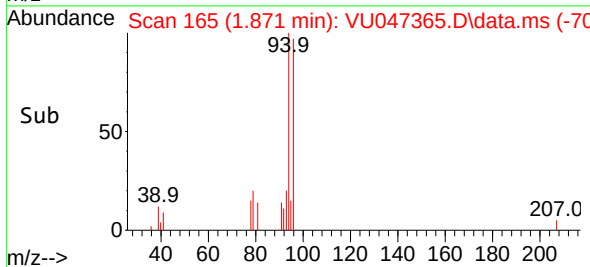
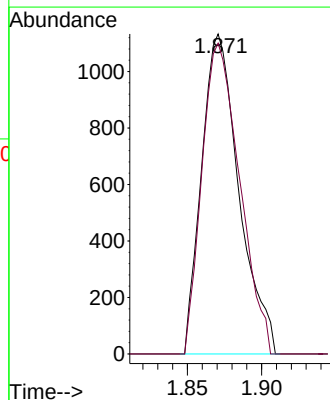
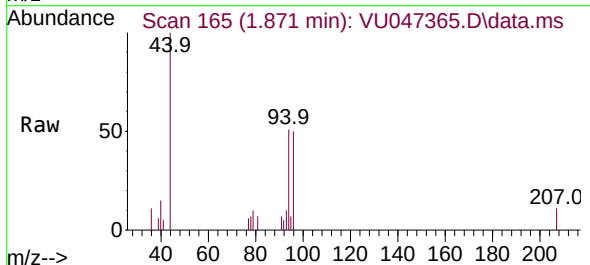
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

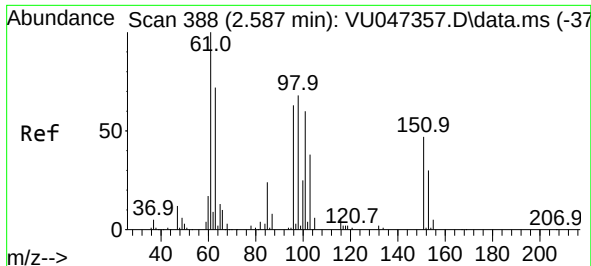
Tgt Ion: 50 Resp: 106735
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8



#6
Bromomethane
Concen: 0.268 ug/L
RT: 1.871 min Scan# 165
Delta R.T. 0.006 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

Tgt Ion: 94 Resp: 1983
Ion Ratio Lower Upper
94 100
96 97.1 65.5 121.6

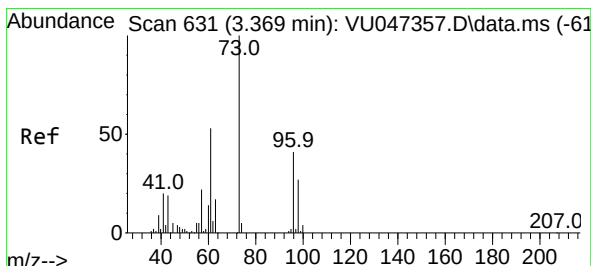
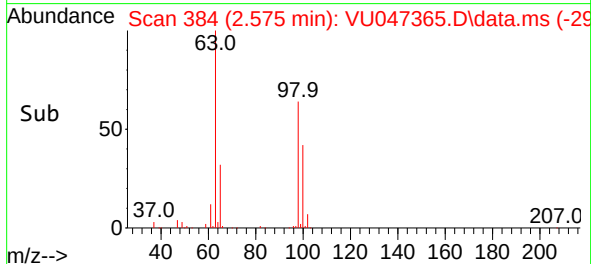
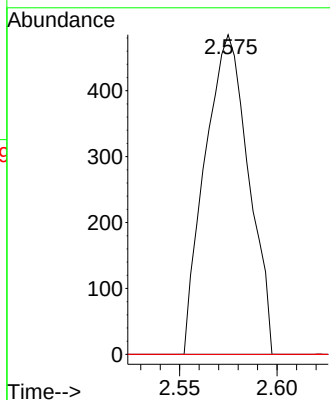
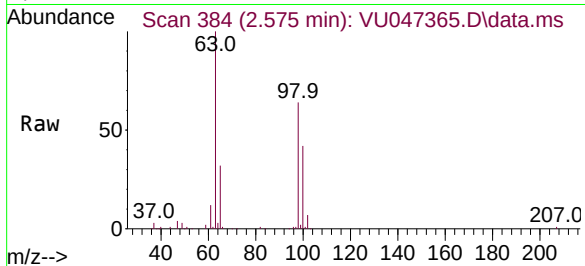




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.575 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

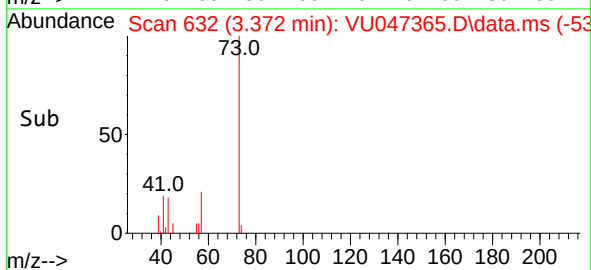
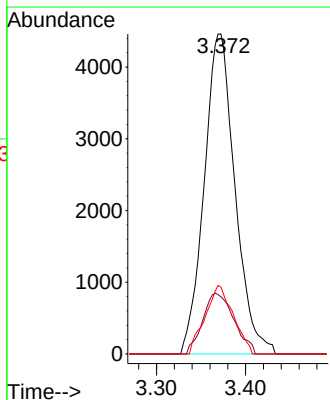
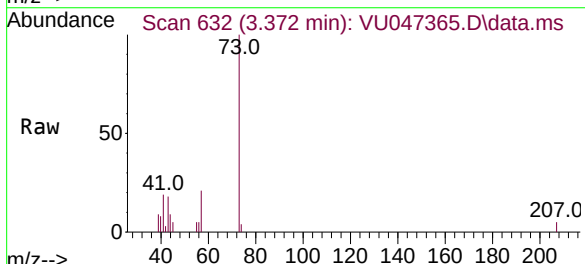
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

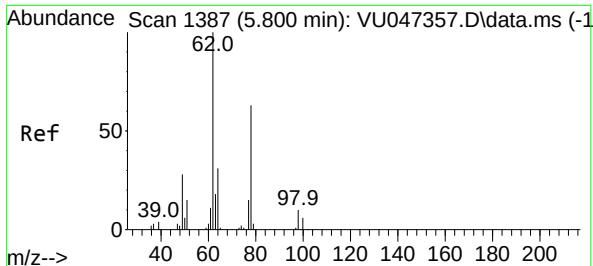
Tgt Ion:101 Resp: 756
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 0.396 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

Tgt Ion: 73 Resp: 10712
Ion Ratio Lower Upper
73 100
43 19.2 14.8 22.2
57 19.5 17.4 26.0

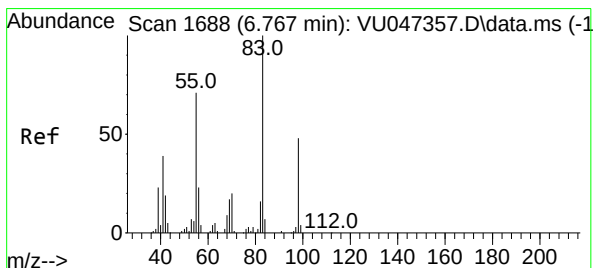
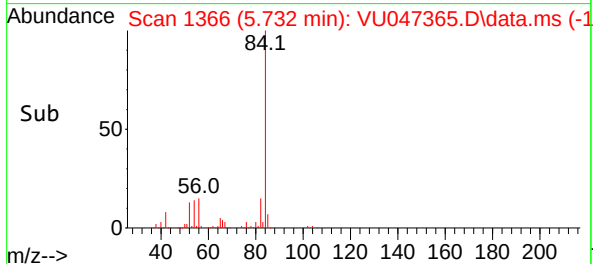
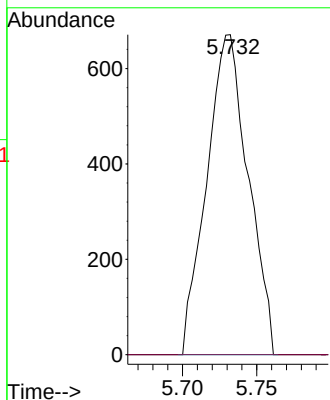
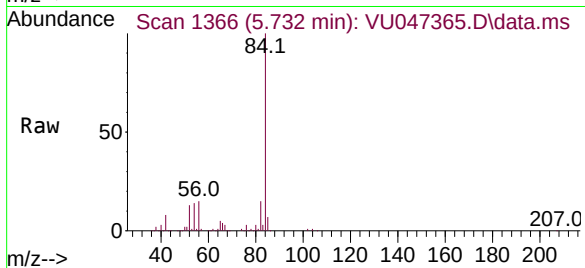




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

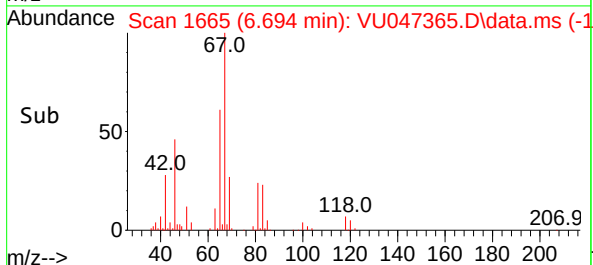
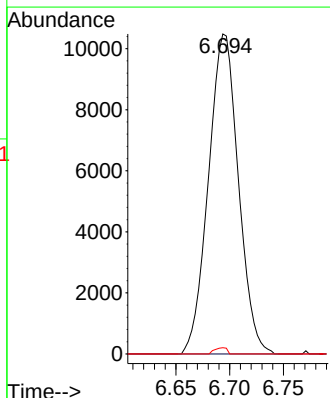
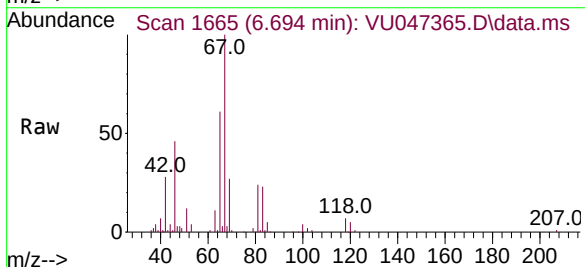
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

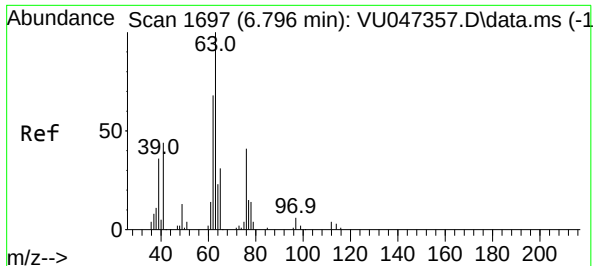
Tgt Ion: 62 Resp: 1304
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#35
Methylcyclohexane
Concen: 1.178 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

Tgt Ion: 83 Resp: 20317
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.8 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.904 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047365.D

Acq: 07 Mar 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

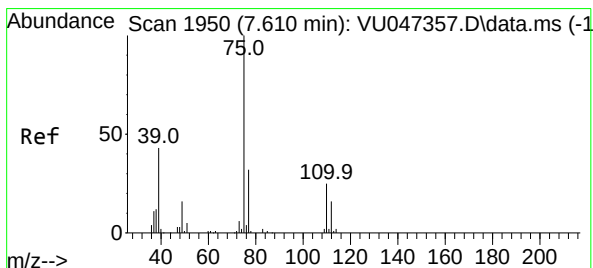
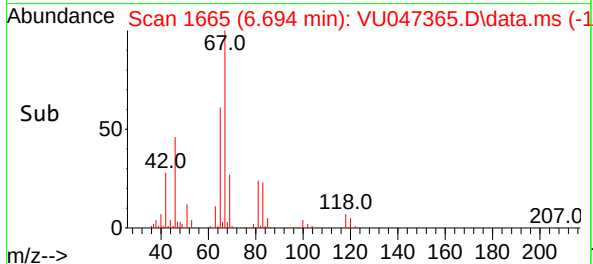
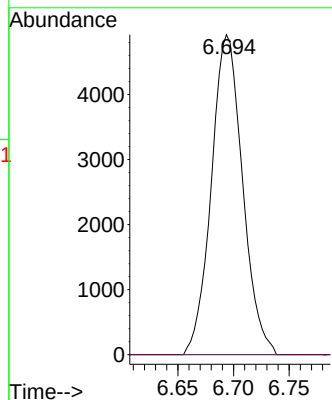
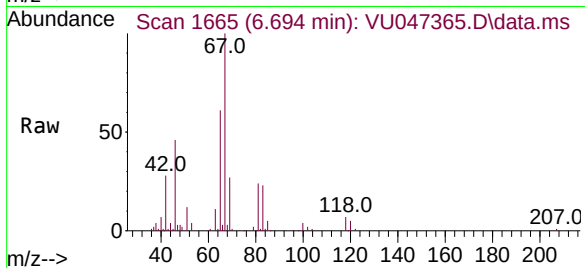
C0AA8

Tgt Ion: 63 Resp: 9595

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047365.D

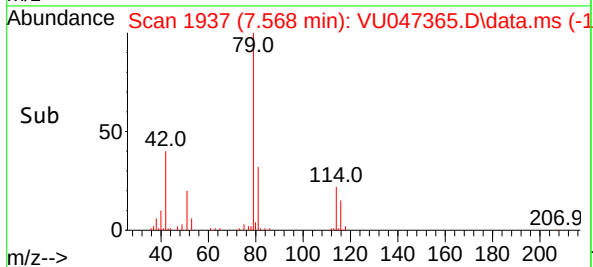
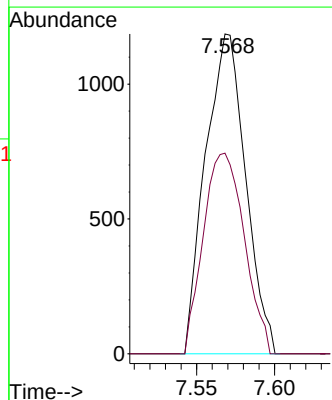
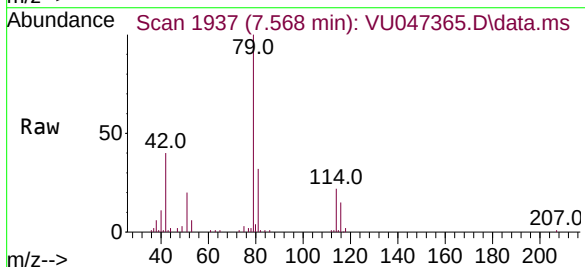
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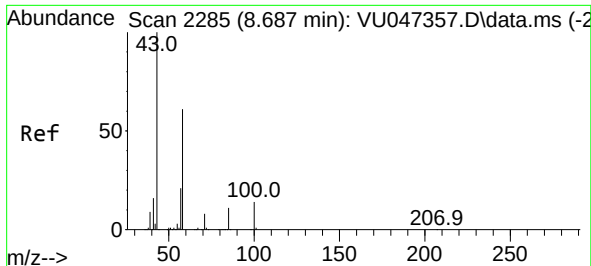
Tgt Ion: 75 Resp: 2119

Ion Ratio Lower Upper

75 100

77 62.7 22.5 41.9#

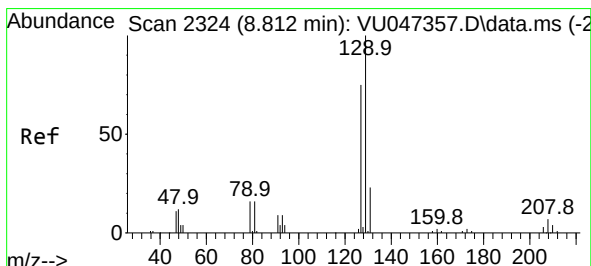
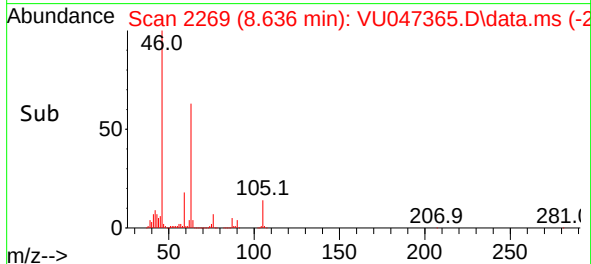
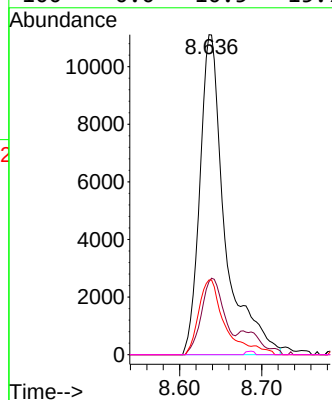
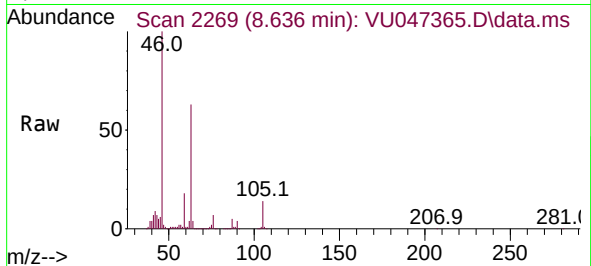




#48
2-Hexanone
Concen: 3.947 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

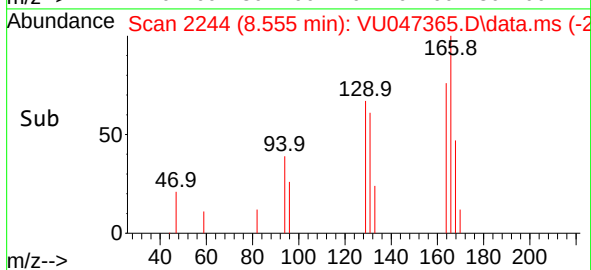
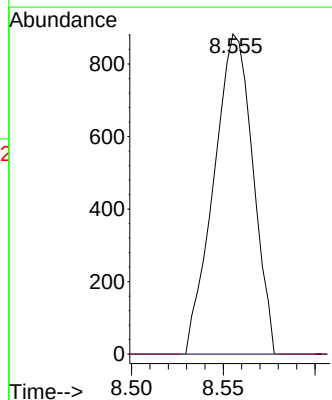
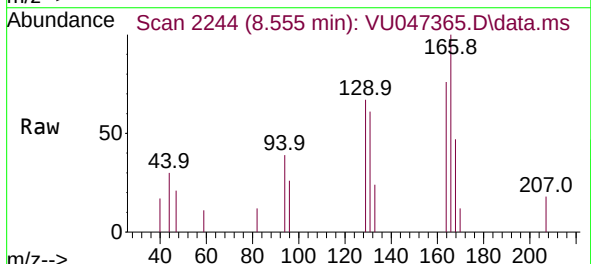
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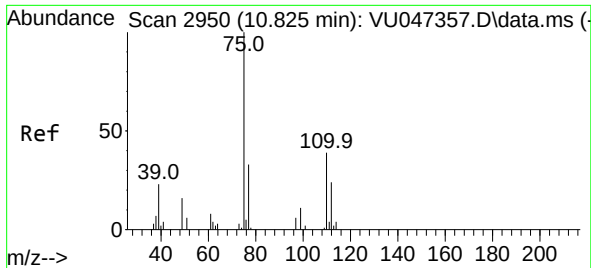
Tgt Ion: 43 Resp: 23569
Ion Ratio Lower Upper
43 100
58 21.6 46.7 70.1#
57 24.5 16.3 24.5#
100 0.0 10.5 15.7#



#49
Dibromochloromethane
Concen: 0.121 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047365.D
Acq: 07 Mar 2022 14:21

Tgt Ion: 129 Resp: 1311
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.218 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047365.D

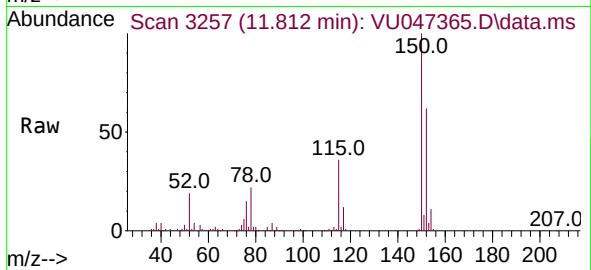
Acq: 07 Mar 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

C0AA8



Tgt Ion: 75 Resp: 9263

Ion Ratio Lower Upper

75 100

110 1.1 29.9 44.9#

77 35.0 25.5 38.3

