

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
 Data File : VU046620.D
 Acq On : 28 Dec 2021 18:24
 Operator : SY/MD
 Sample : M5193-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 01:31:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 01:29:25 2021
 Response via : Initial Calibration

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

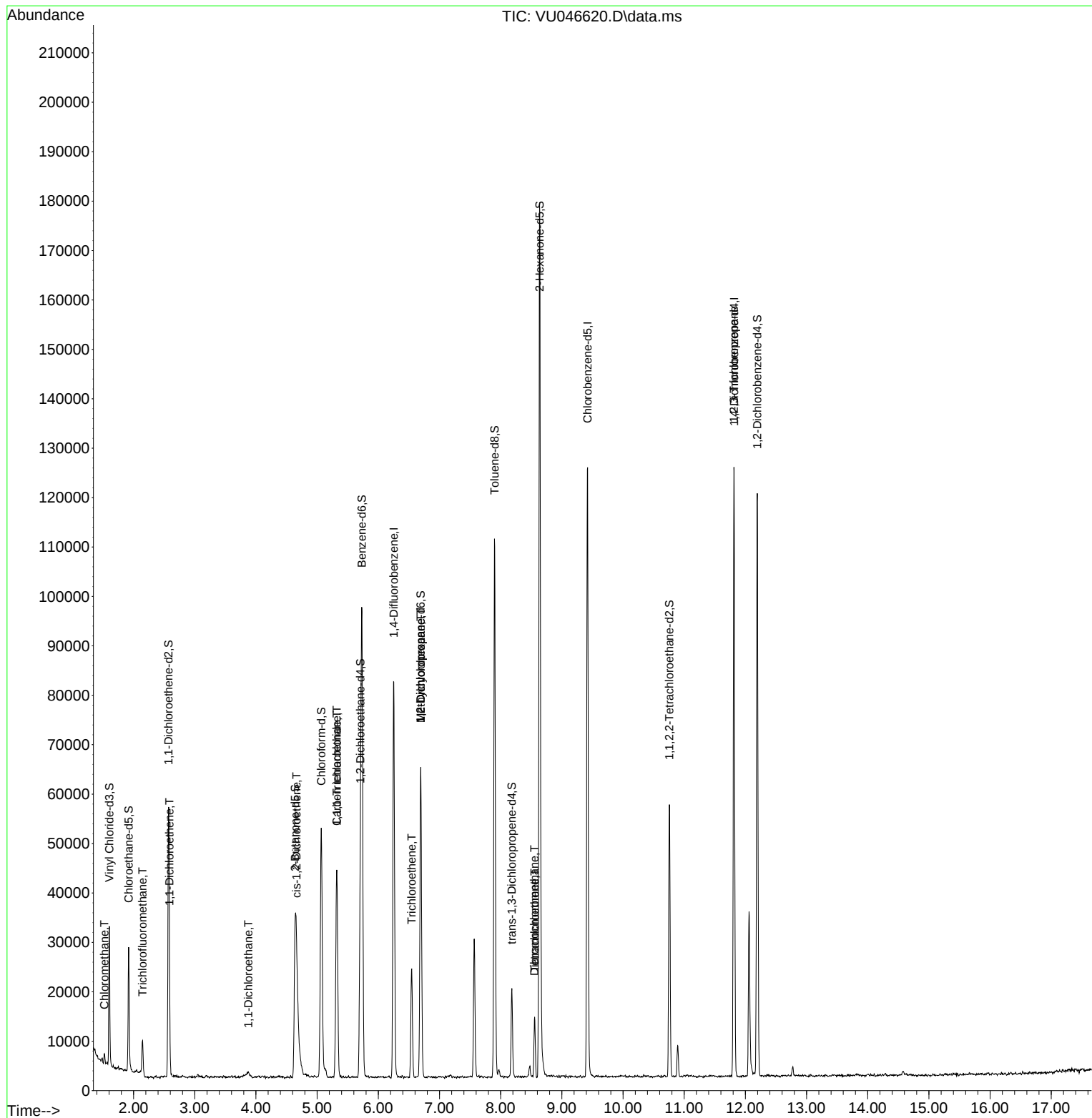
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	64203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	69200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	31832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20996	4.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.919	69	18953	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.572	65	10274	4.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.642	46	78979	53.841	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.680%
24) Chloroform-d	5.070	84	47374	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	27647	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.732	84	90894	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	29548	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.899	98	72451	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.182	79	10483	3.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.636	63	65930	41.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	27914	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	30779	5.249	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1367	0.162	ug/L	92
9) Trichlorofluoromethane	2.147	101	4786	0.439	ug/L	98
12) 1,1-Dichloroethene	2.588	96	1323	0.234	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	1347	0.121	ug/L #	86
22) cis-1,2-Dichloroethene	4.665	96	468	0.071	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	31511	2.754	ug/L	98
31) Carbon tetrachloride	5.321	117	3754	0.391	ug/L	92
34) Trichloroethene	6.546	95	7690	1.061	ug/L	98
35) Methylcyclohexane	6.694	83	6952	0.680	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3357	0.479	ug/L #	88
47) Tetrachloroethene	8.555	164	2693	0.525	ug/L	83
49) Dibromochloromethane	8.552	129	2579	0.370	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4068	0.769	ug/L #	64

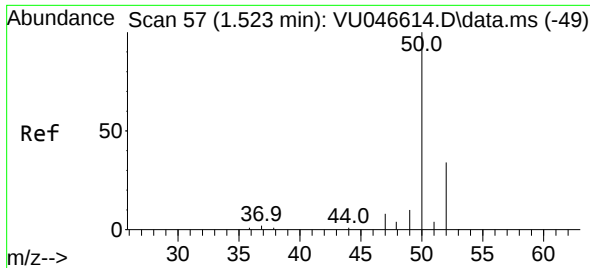
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
Data File : VU046620.D
Acq On : 28 Dec 2021 18:24
Operator : SY/MD
Sample : M5193-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

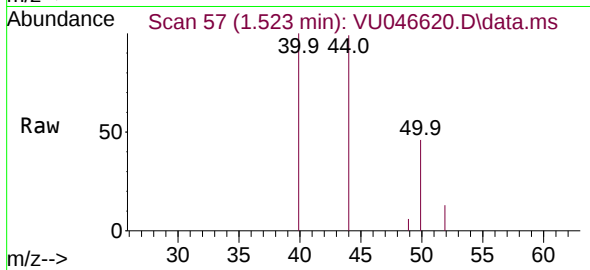
Quant Time: Dec 29 01:31:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 29 01:29:25 2021
Response via : Initial Calibration



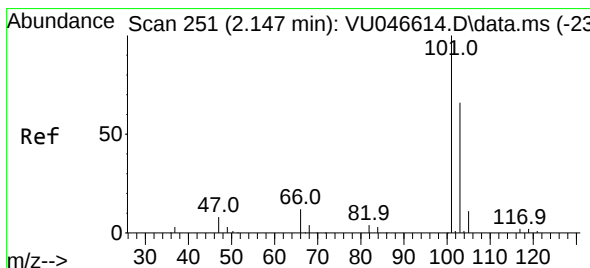
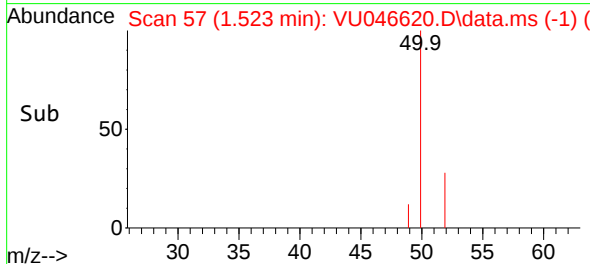
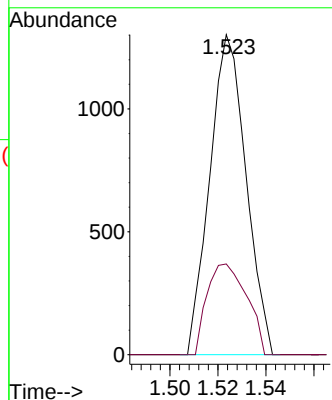


#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046620.D
Acq: 28 Dec 2021 18:24

Instrument :
MSVOA_U
ClientSampleId :

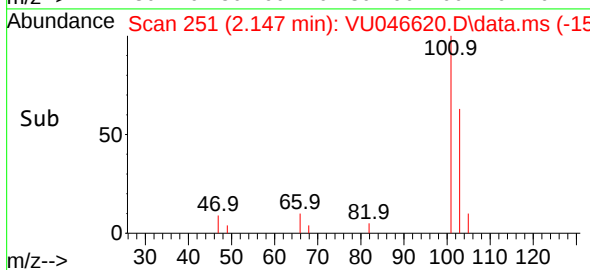
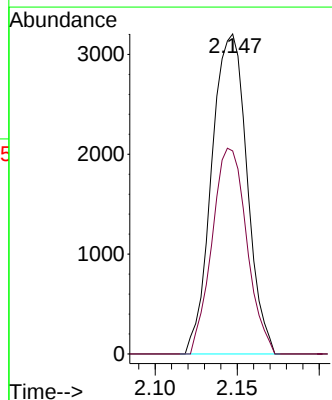
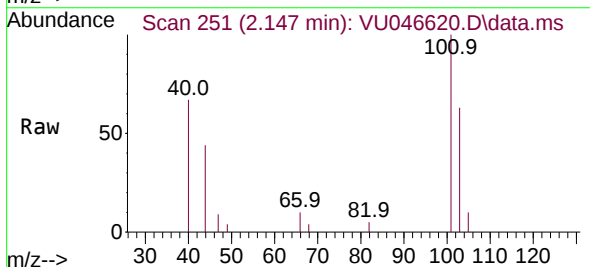


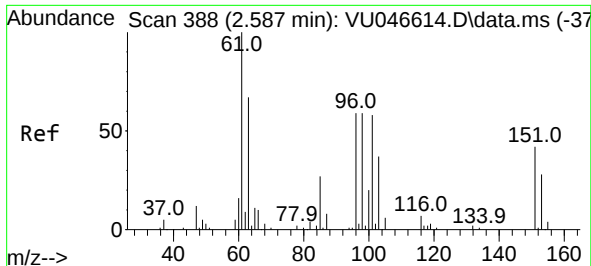
Tgt Ion: 50 Resp: 1367
Ion Ratio Lower Upper
50 100
52 28.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.439 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046620.D
Acq: 28 Dec 2021 18:24

Tgt Ion: 101 Resp: 4786
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3





#12

1,1-Dichloroethene

Concen: 0.234 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046620.D

Acq: 28 Dec 2021 18:24

Instrument :

MSVOA_U

ClientSampleId :

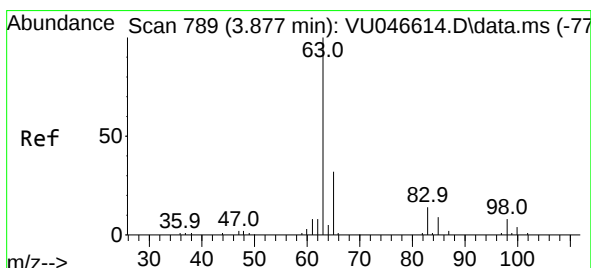
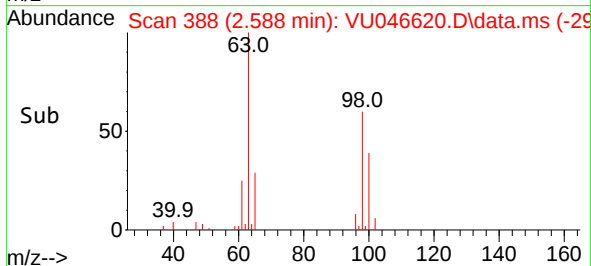
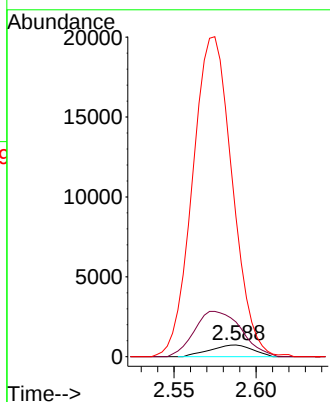
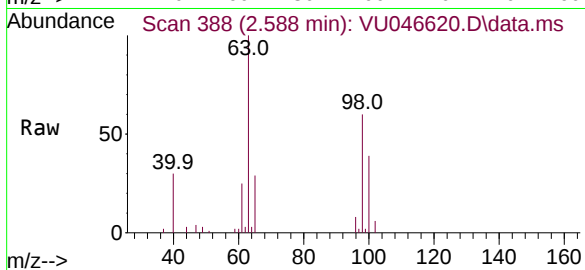
Tgt Ion: 96 Resp: 1323

Ion Ratio Lower Upper

96 100

61 297.0 124.7 231.5#

63 1195.8 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.121 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046620.D

Acq: 28 Dec 2021 18:24

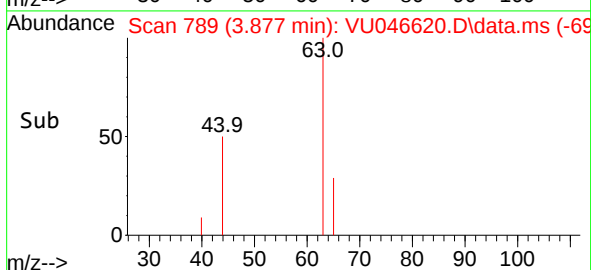
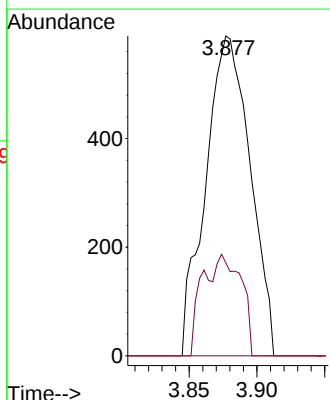
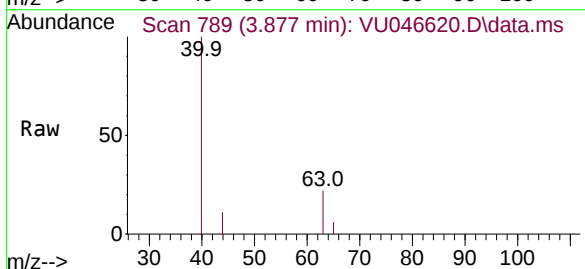
Tgt Ion: 63 Resp: 1347

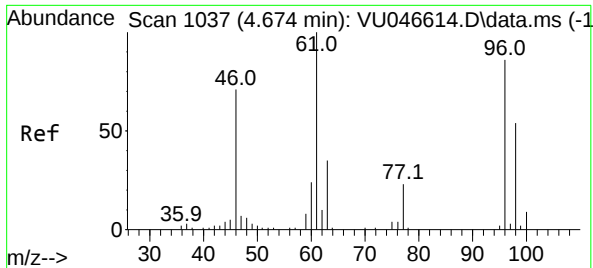
Ion Ratio Lower Upper

63 100

65 29.0 22.3 41.5

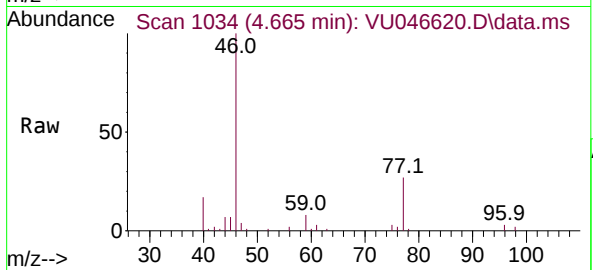
83 0.0 9.6 17.8#





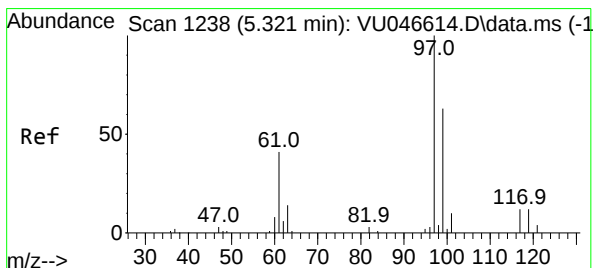
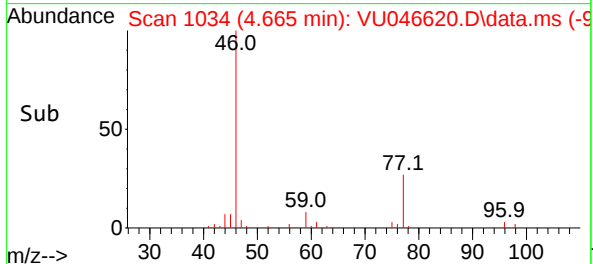
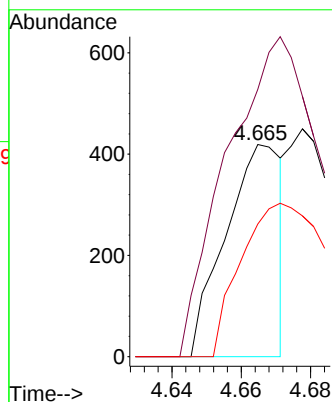
#22
 cis-1,2-Dichloroethene
 Concen: 0.071 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.009 min
 Lab File: VU046620.D
 Acq: 28 Dec 2021 18:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 468

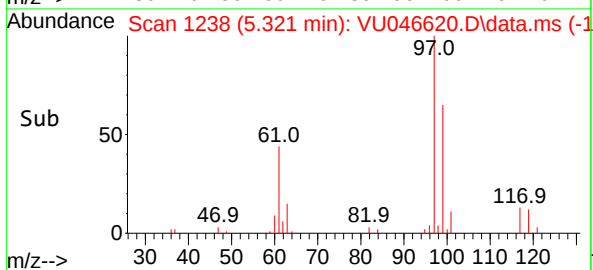
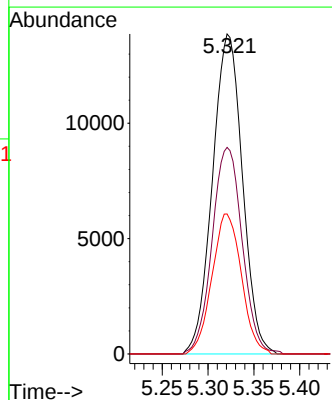
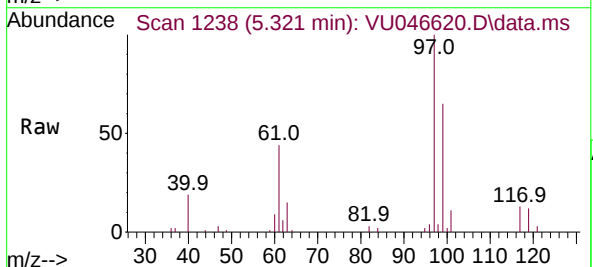
Ion	Ratio	Lower	Upper
96	100		
61	126.0	88.5	164.3
98	62.5	44.4	82.5

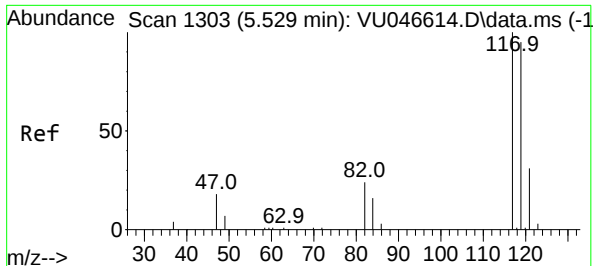


#29
 1,1,1-Trichloroethane
 Concen: 2.754 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: VU046620.D
 Acq: 28 Dec 2021 18:24

Tgt Ion: 97 Resp: 31511

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	43.0	36.1	54.1

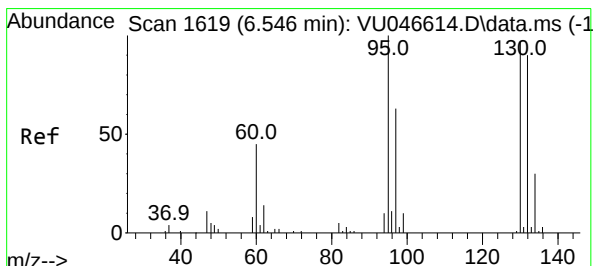
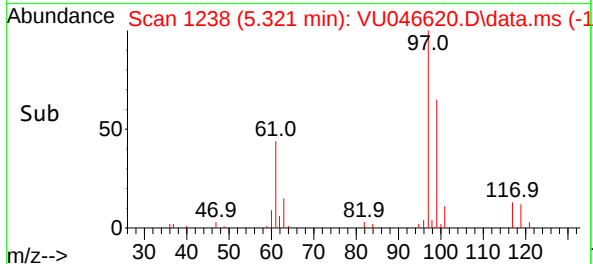
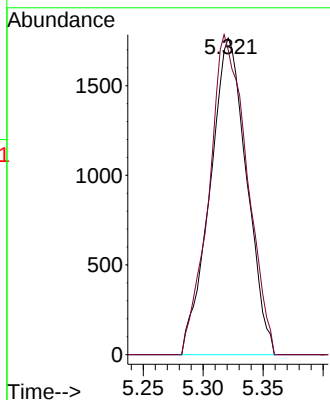
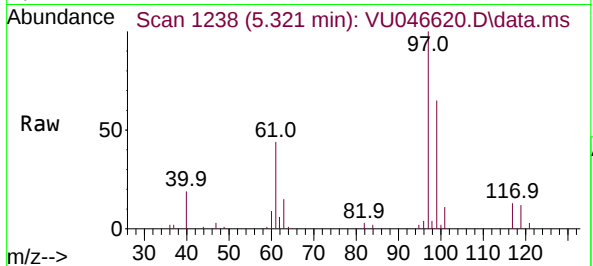




#31
Carbon tetrachloride
Concen: 0.391 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU046620.D
Acq: 28 Dec 2021 18:24

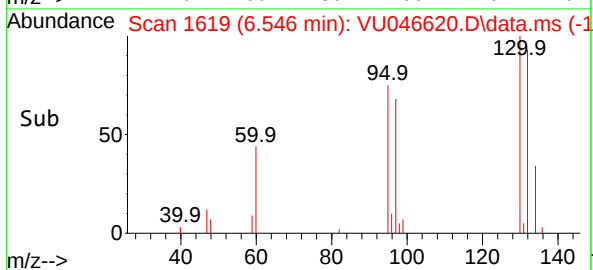
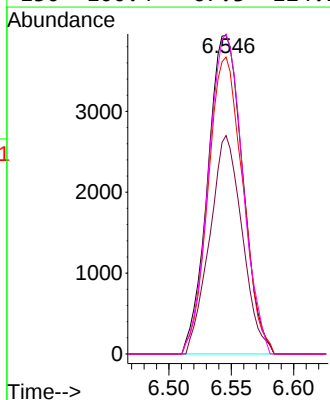
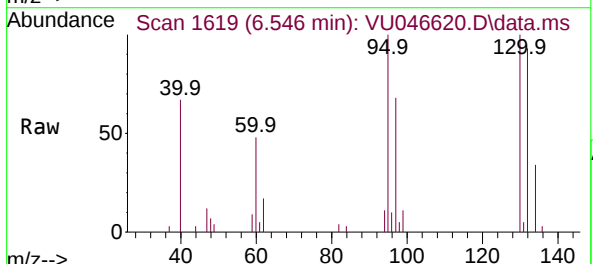
Instrument :
MSVOA_U
ClientSampleId :

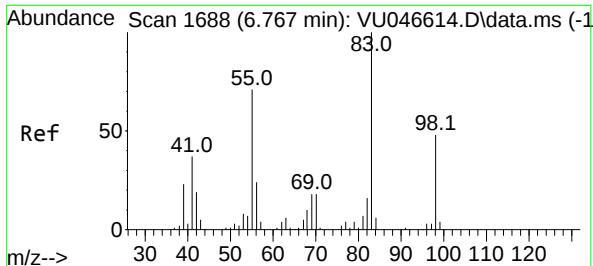
Tgt Ion:117 Resp: 3754
Ion Ratio Lower Upper
117 100
119 104.9 77.5 116.3



#34
Trichloroethene
Concen: 1.061 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046620.D
Acq: 28 Dec 2021 18:24

Tgt Ion: 95 Resp: 7690
Ion Ratio Lower Upper
95 100
97 68.6 46.5 86.5
132 93.2 65.1 120.9
130 100.4 67.3 124.9

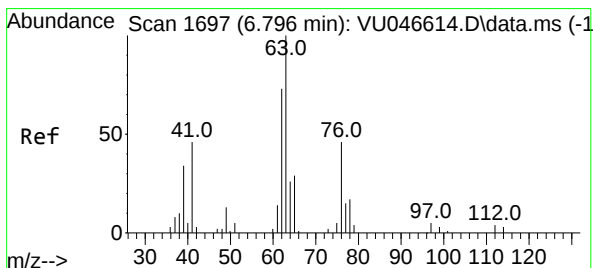
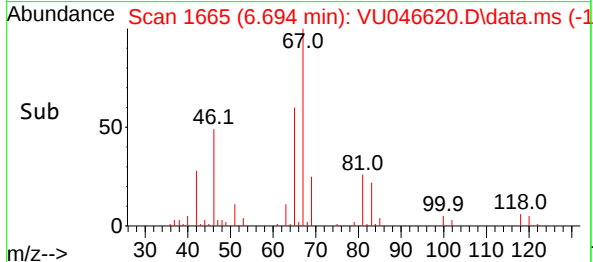
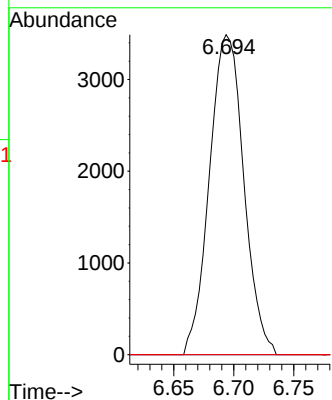
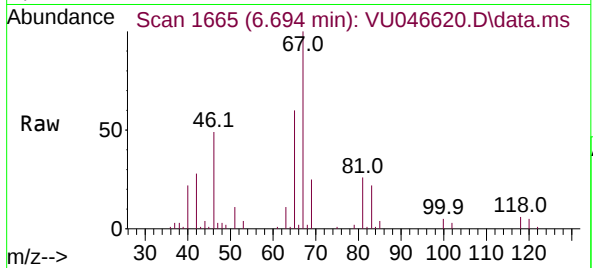




#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046620.D
Acq: 28 Dec 2021 18:24

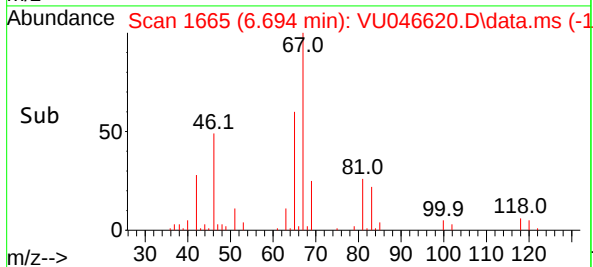
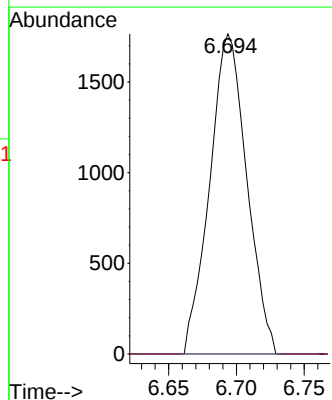
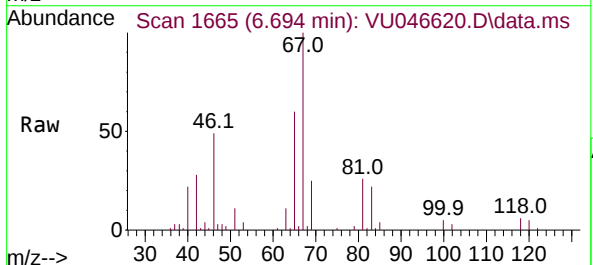
Instrument :
MSVOA_U
ClientSampleId :

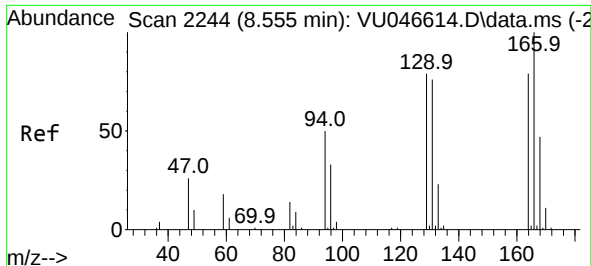
Tgt Ion: 83 Resp: 6952
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046620.D
Acq: 28 Dec 2021 18:24

Tgt Ion: 63 Resp: 3357
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.525 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

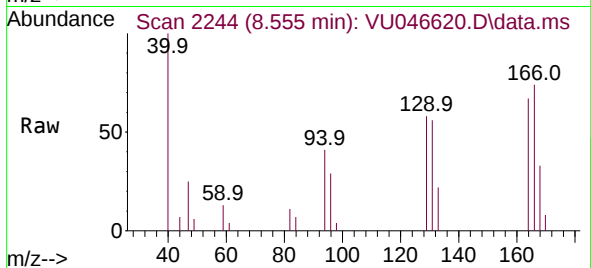
Lab File: VU046620.D

Acq: 28 Dec 2021 18:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2693

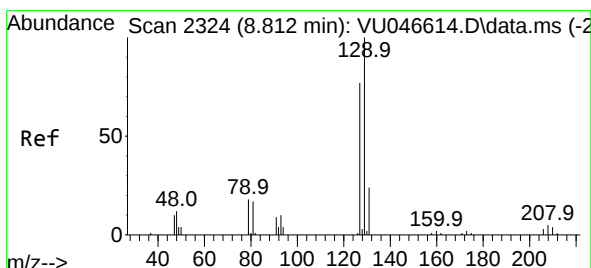
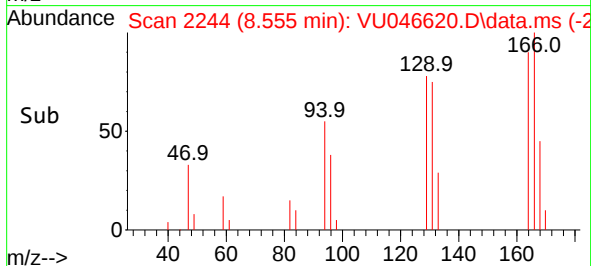
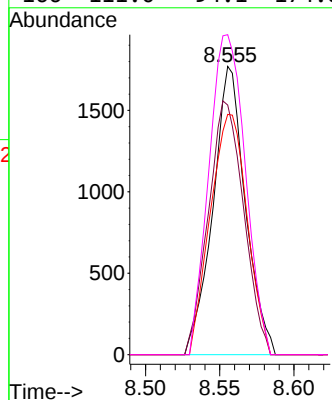
Ion Ratio Lower Upper

164 100

129 86.6 71.8 133.4

131 83.4 68.5 127.3

166 111.0 94.1 174.8



#49

Dibromochloromethane

Concen: 0.370 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU046620.D

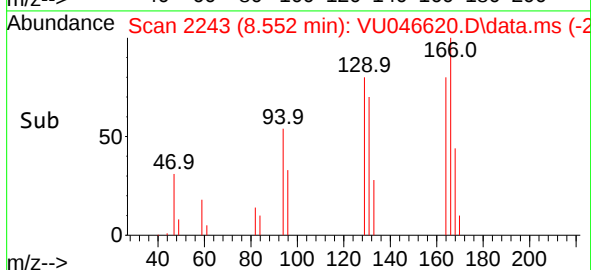
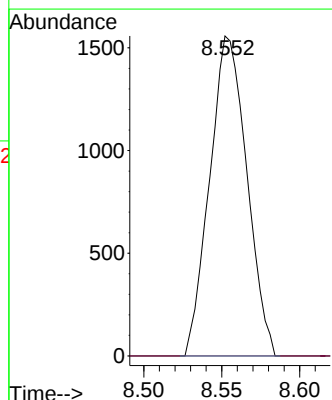
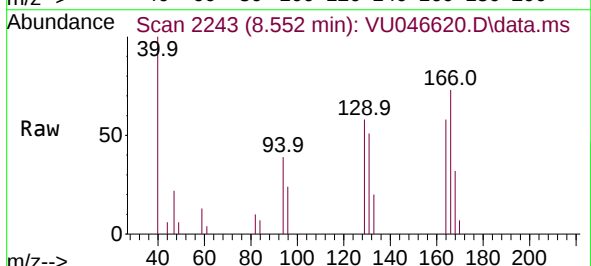
Acq: 28 Dec 2021 18:24

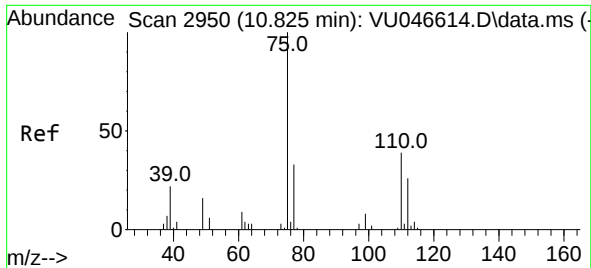
Tgt Ion:129 Resp: 2579

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 0.769 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

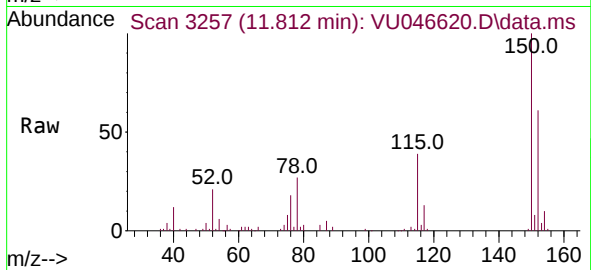
Lab File: VU046620.D

Acq: 28 Dec 2021 18:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 4068

Ion Ratio Lower Upper

75 100

110 1.6 29.9 44.9#

77 27.2 25.5 38.3

