

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047050.D
 Acq On : 04 Feb 2022 16:46
 Operator : SY/MD
 Sample : N1349-14DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:35:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

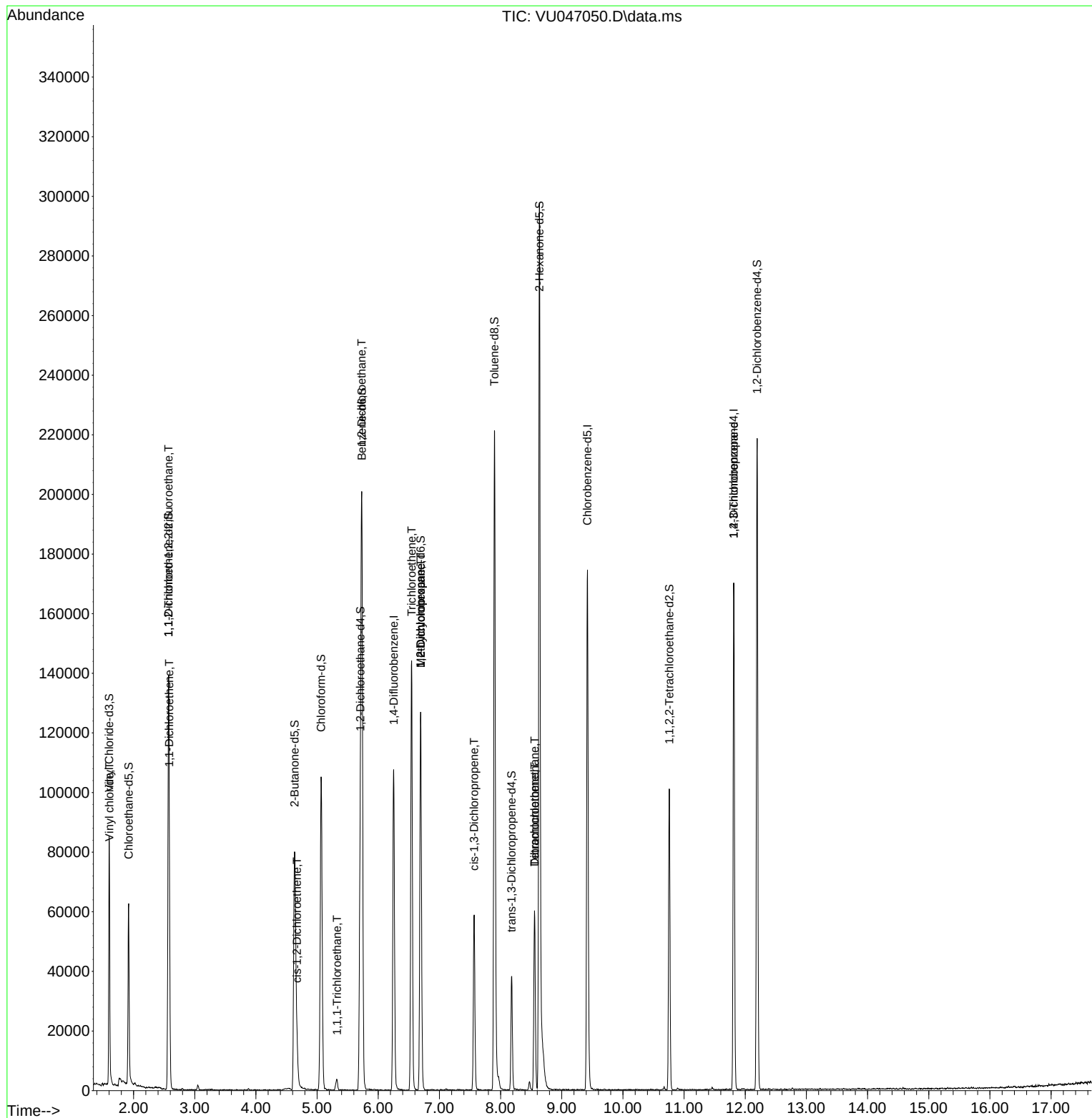
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	107595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61583	5.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.919	69	47005	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.571	65	23911	5.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.800%
20) 2-Butanone-d5	4.633	46	126799	54.462	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.920%
24) Chloroform-d	5.067	84	99631	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.706	65	52134	5.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.732	84	197253	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.694	67	60827	5.174	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.899	98	159288	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.179	79	23006	5.136	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.636	63	104778	50.499	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50164	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	57448	6.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds						
5) Vinyl chloride	1.607	62	954	0.093	ug/L #	22
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	618	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	10972	1.628	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	3898	0.527	ug/L	90
27) 1,2-Dichloroethane	5.729	62	901	0.105	ug/L #	73
29) 1,1,1-Trichloroethane	5.327	97	2743	0.223	ug/L	93
34) Trichloroethene	6.546	95	49773	6.515	ug/L	99
35) Methylcyclohexane	6.694	83	14706	1.389	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	6543	0.819	ug/L #	85
39) cis-1,3-Dichloropropene	7.568	75	1405	0.135	ug/L #	57
47) Tetrachloroethene	8.555	164	14552	2.455	ug/L	96
49) Dibromochloromethane	8.555	129	13563	1.953	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	5697	1.303	ug/L #	60

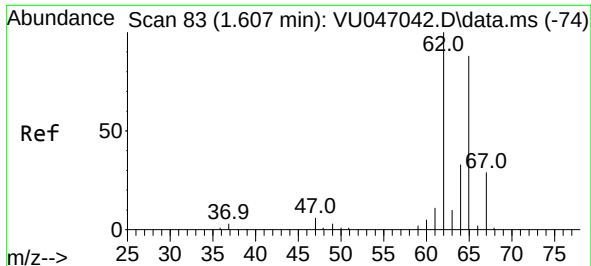
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
Data File : VU047050.D
Acq On : 04 Feb 2022 16:46
Operator : SY/MD
Sample : N1349-14DL 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

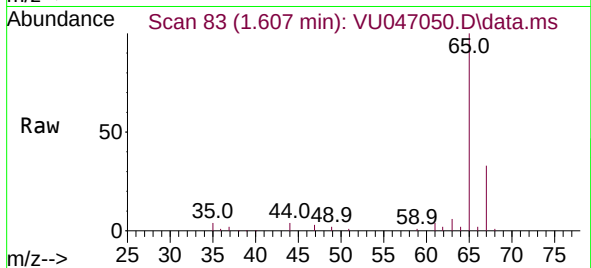
Quant Time: Feb 05 01:35:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 05 01:18:17 2022
Response via : Initial Calibration



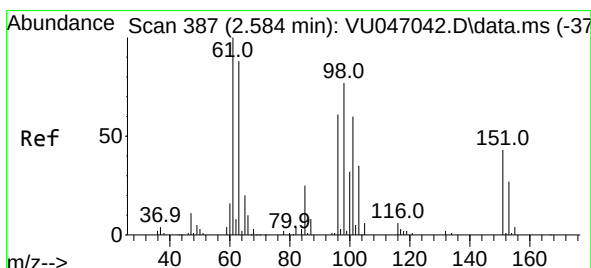
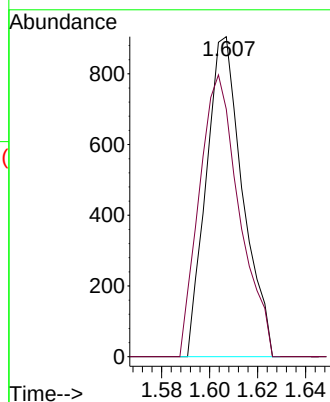
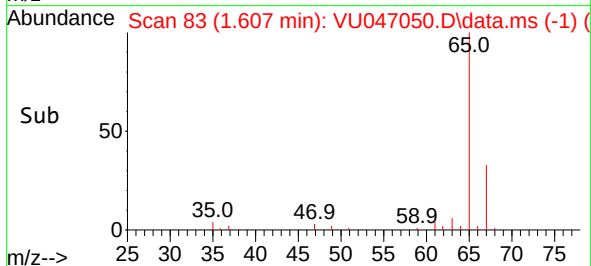


#5
 Vinyl chloride
 Concen: 0.093 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047050.D
 Acq: 04 Feb 2022 16:46

Instrument :
 MSVOA_U
 ClientSampleId :

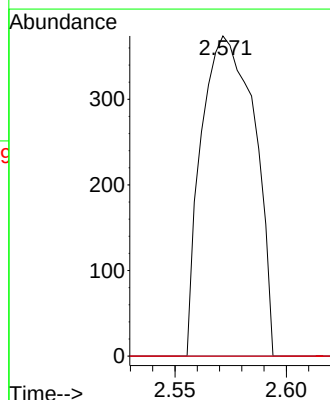
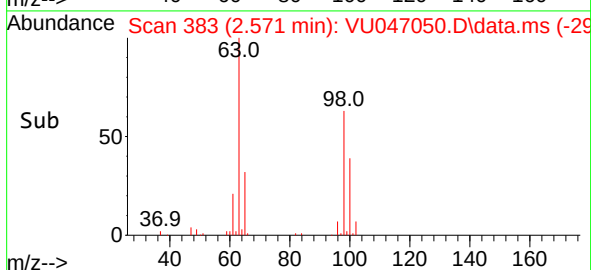
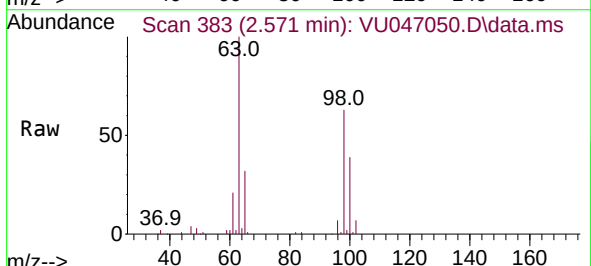


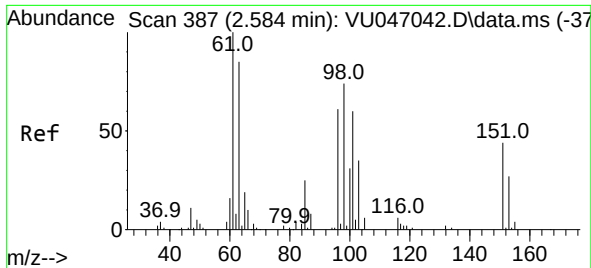
Tgt Ion: 62 Resp: 954
 Ion Ratio Lower Upper
 62 100
 64 77.3 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.081 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047050.D
 Acq: 04 Feb 2022 16:46

Tgt Ion: 101 Resp: 618
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 57.2 85.8#

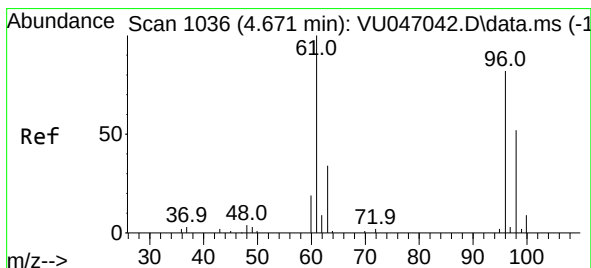
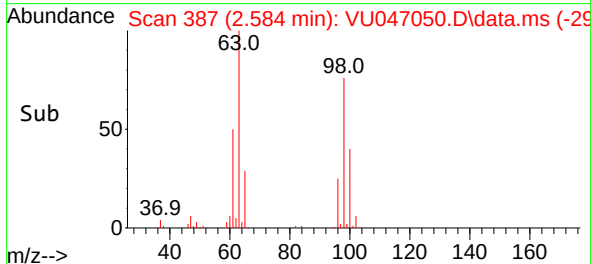
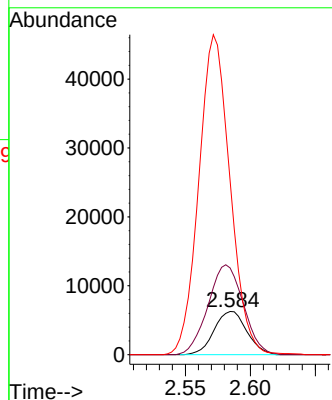
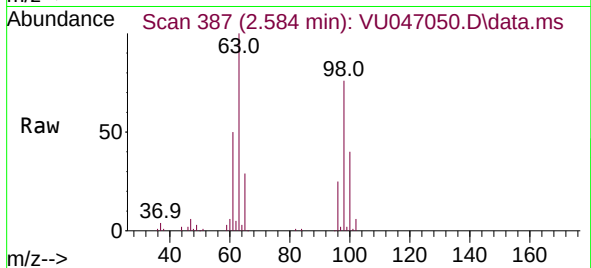




#12
 1,1-Dichloroethene
 Concen: 1.628 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047050.D
 Acq: 04 Feb 2022 16:46

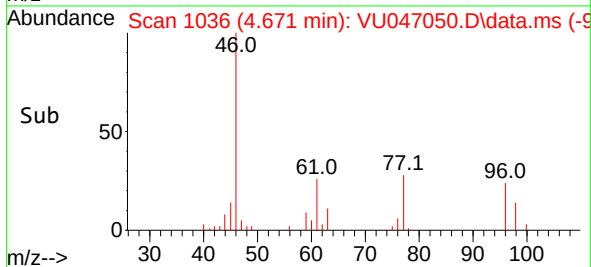
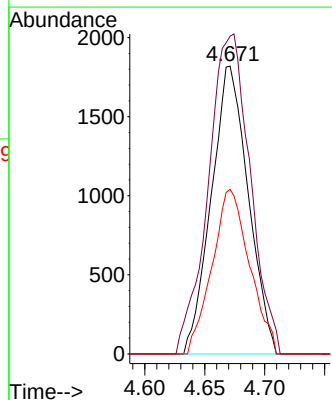
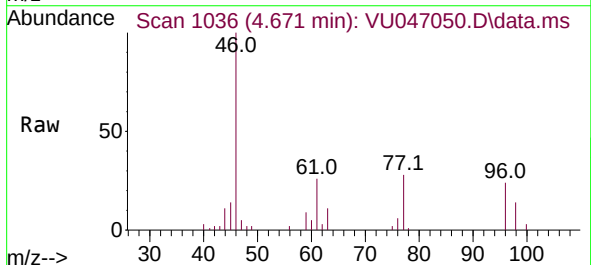
Instrument :
 MSVOA_U
 ClientSampleId :

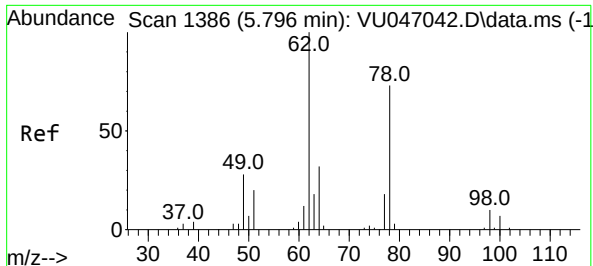
Tgt Ion: 96 Resp: 10972
 Ion Ratio Lower Upper
 96 100
 61 200.7 115.5 214.5
 63 402.6 103.6 192.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.527 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047050.D
 Acq: 04 Feb 2022 16:46

Tgt Ion: 96 Resp: 3898
 Ion Ratio Lower Upper
 96 100
 61 110.4 85.6 159.0
 98 57.2 44.7 83.1

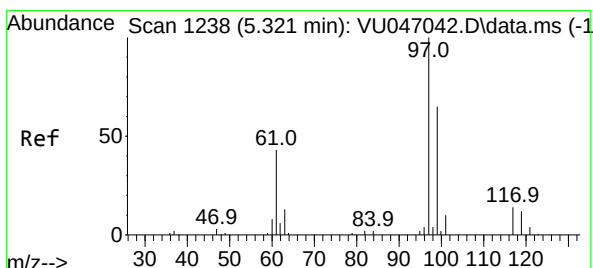
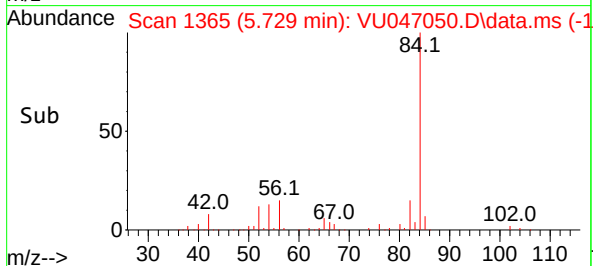
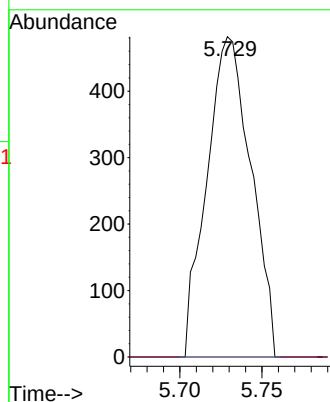
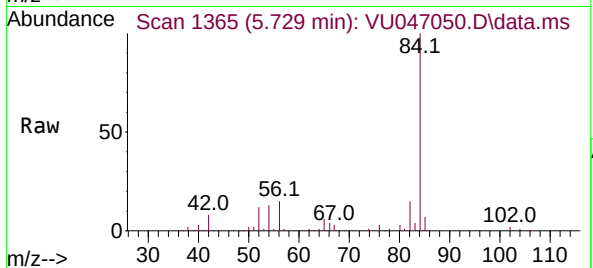




#27
1,2-Dichloroethane
Concen: 0.105 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU047050.D
Acq: 04 Feb 2022 16:46

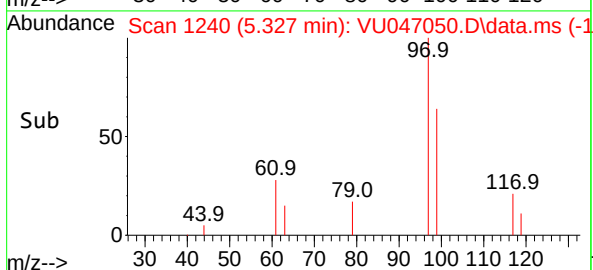
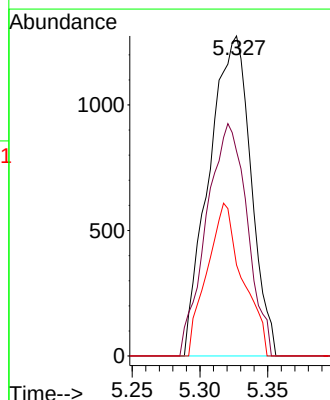
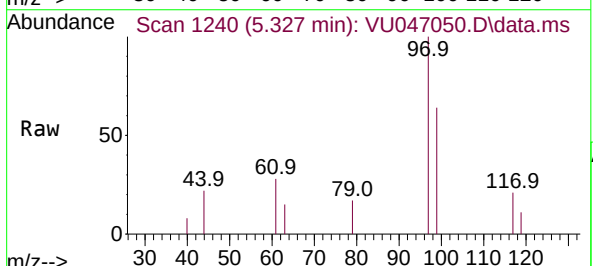
Instrument :
MSVOA_U
ClientSampleId :

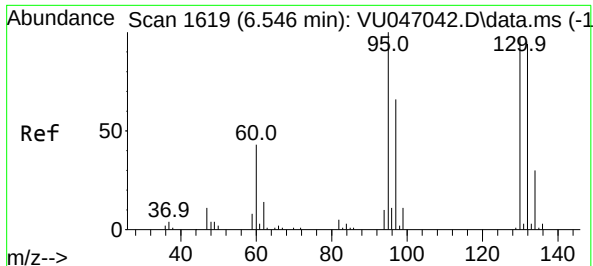
Tgt Ion: 62 Resp: 901
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#29
1,1,1-Trichloroethane
Concen: 0.223 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU047050.D
Acq: 04 Feb 2022 16:46

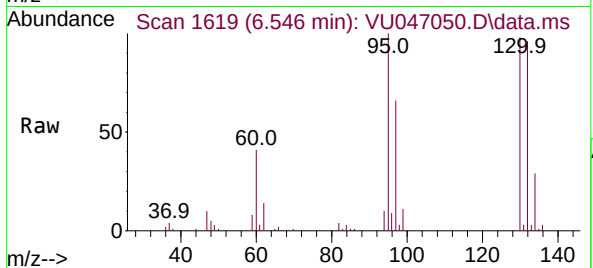
Tgt Ion: 97 Resp: 2743
Ion Ratio Lower Upper
97 100
99 70.8 51.5 77.3
61 40.4 34.6 52.0



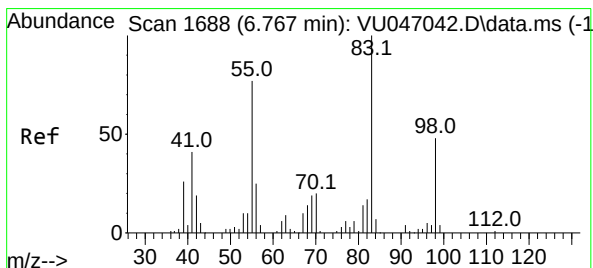
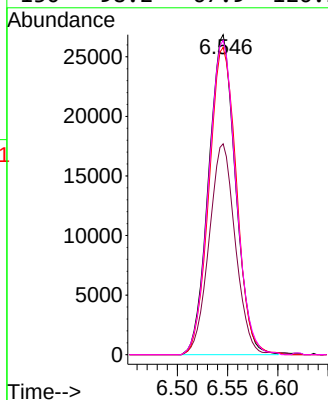
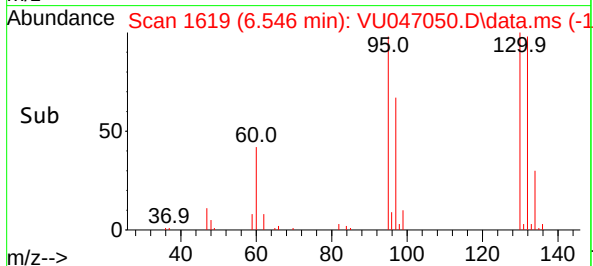


#34
Trichloroethene
Concen: 6.515 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047050.D
Acq: 04 Feb 2022 16:46

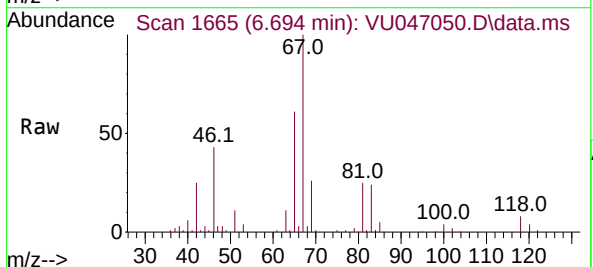
Instrument :
MSVOA_U
ClientSampleId :



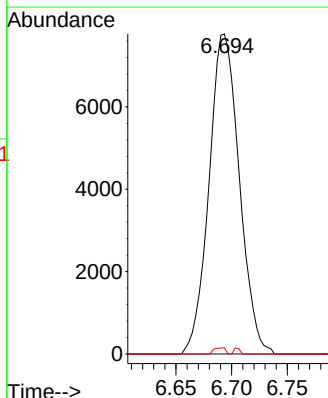
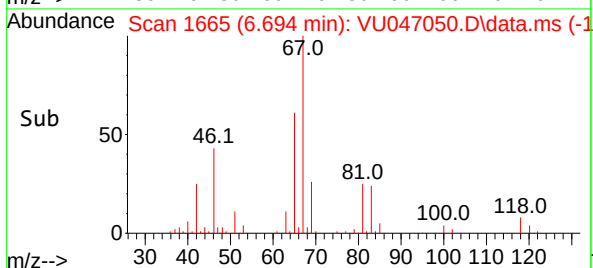
Tgt Ion: 95 Resp: 49773
Ion Ratio Lower Upper
95 100
97 65.9 46.1 85.5
132 96.1 65.9 122.5
130 98.2 67.9 126.1

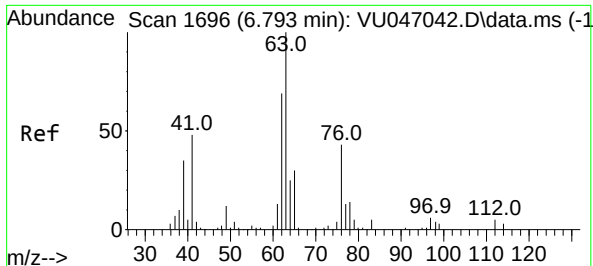


#35
Methylcyclohexane
Concen: 1.389 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047050.D
Acq: 04 Feb 2022 16:46



Tgt Ion: 83 Resp: 14706
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.7 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 0.819 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047050.D

Acq: 04 Feb 2022 16:46

Instrument :

MSVOA_U

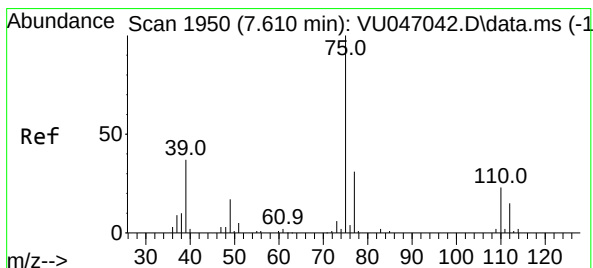
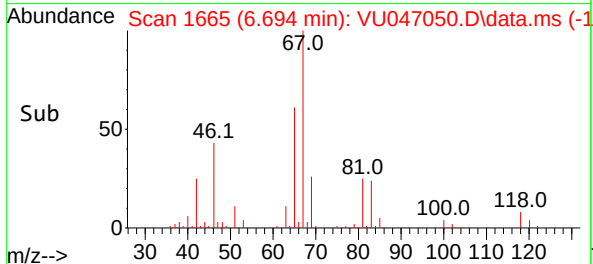
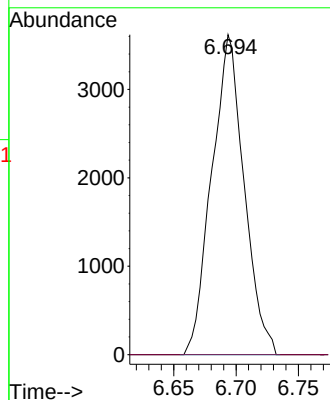
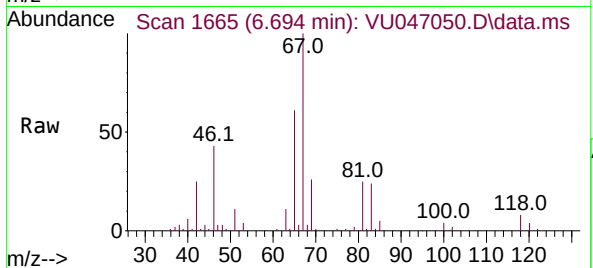
ClientSampleId :

Tgt Ion: 63 Resp: 6543

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047050.D

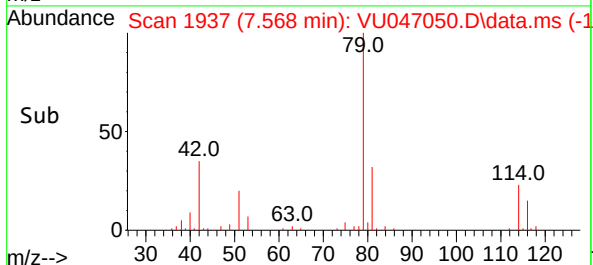
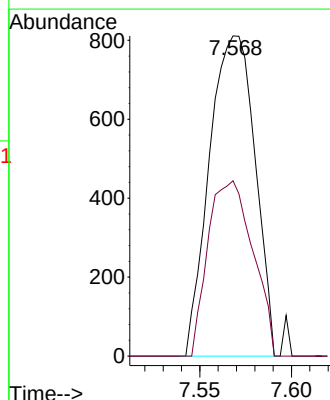
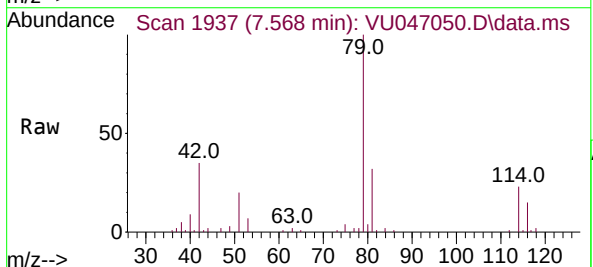
Acq: 04 Feb 2022 16:46

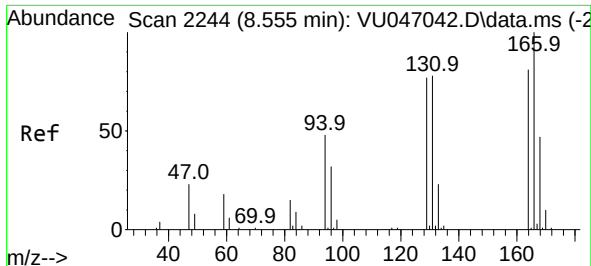
Tgt Ion: 75 Resp: 1405

Ion Ratio Lower Upper

75 100

77 54.7 21.6 40.2#





#47

Tetrachloroethene

Concen: 2.455 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

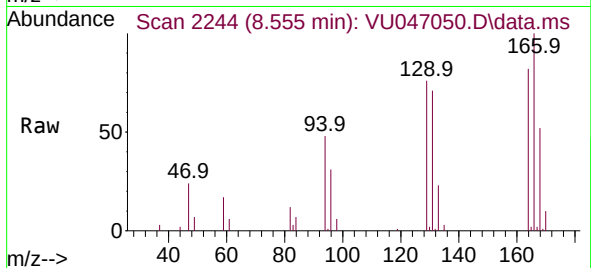
Lab File: VU047050.D

Acq: 04 Feb 2022 16:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 14552

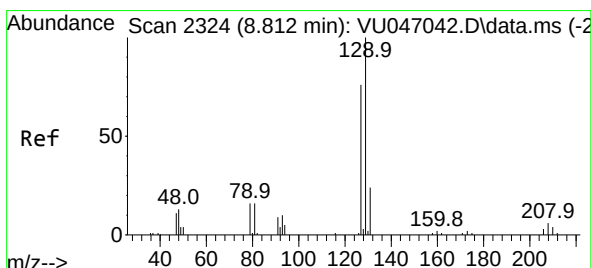
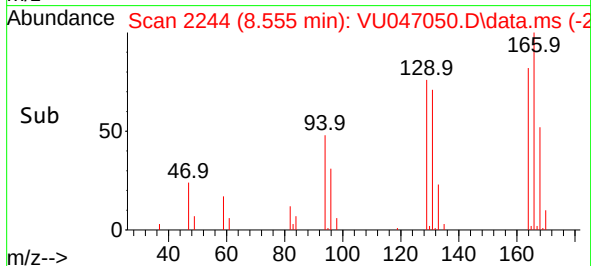
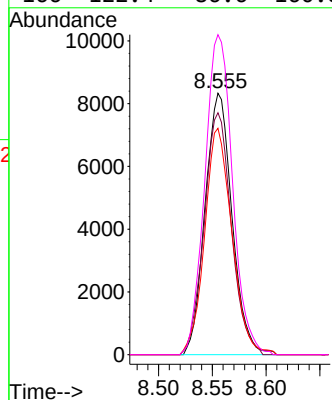
Ion Ratio Lower Upper

164 100

129 92.5 66.5 123.5

131 86.6 67.5 125.4

166 122.4 86.6 160.8



#49

Dibromochloromethane

Concen: 1.953 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047050.D

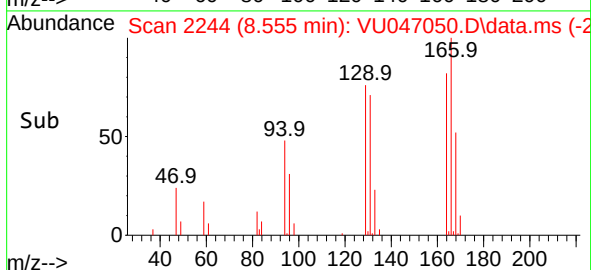
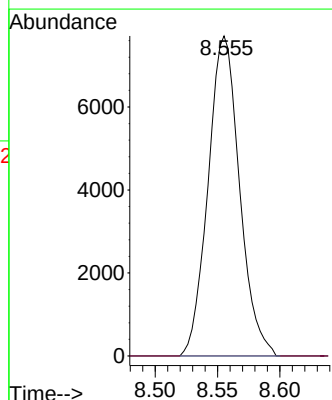
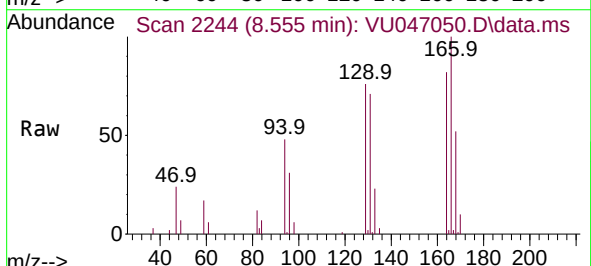
Acq: 04 Feb 2022 16:46

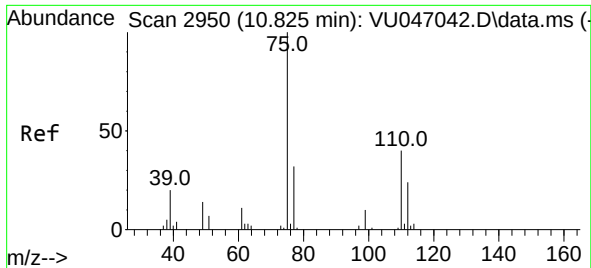
Tgt Ion:129 Resp: 13563

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#





#61

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

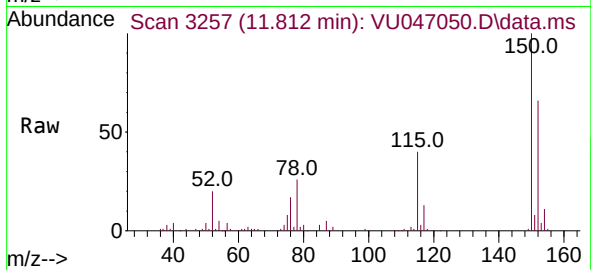
Lab File: VU047050.D

Acq: 04 Feb 2022 16:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	5697
Ion	Ratio	Lower	Upper
75	100		
110	0.4	31.7	47.5#
77	26.9	26.1	39.1

