

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047049.D
 Acq On : 04 Feb 2022 16:22
 Operator : SY/MD
 Sample : N1349-07DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:35:01 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)

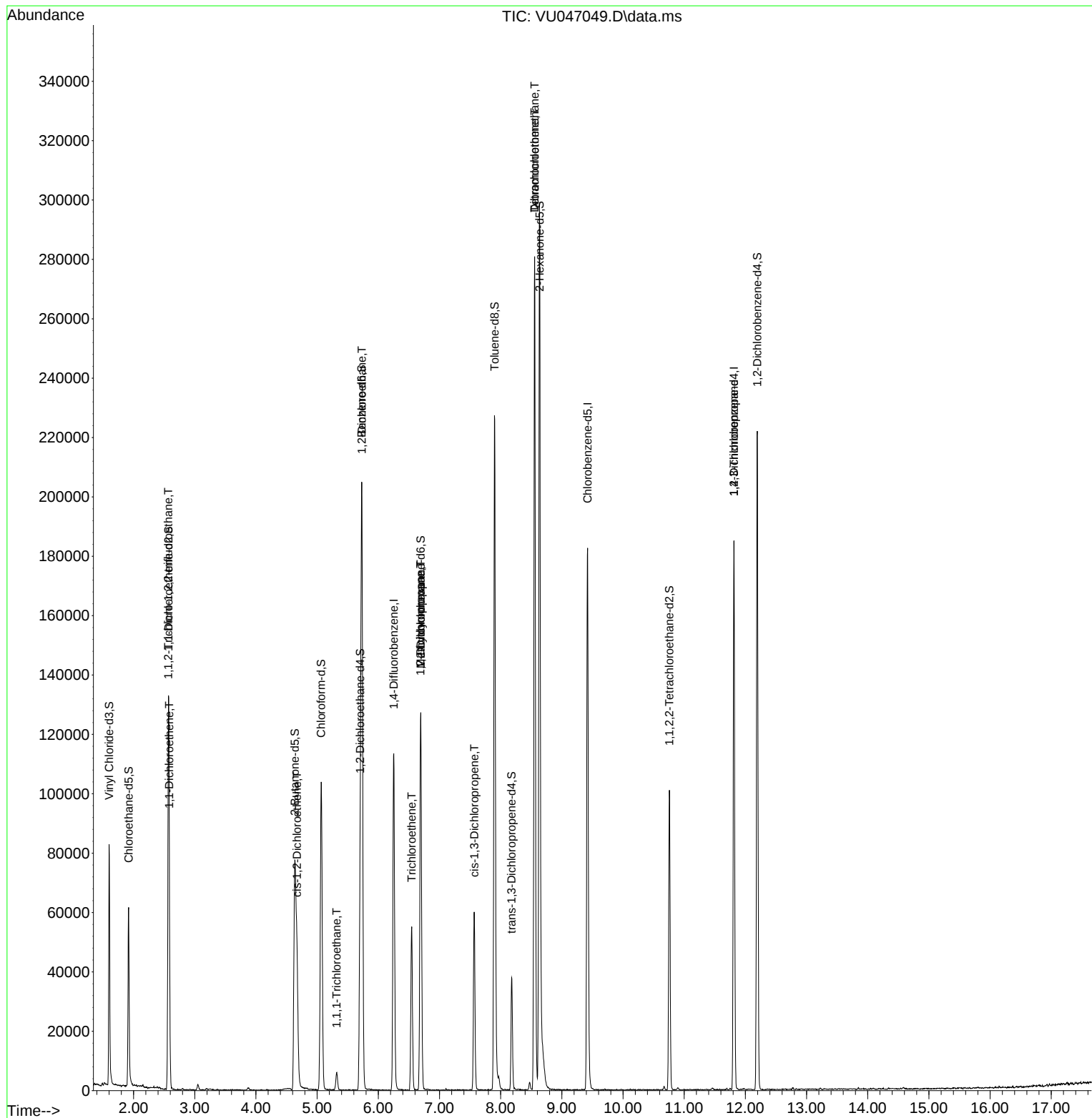
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61202	4.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	47518	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.572	65	23658	5.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	4.636	46	129384	52.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.120%
24) Chloroform-d	5.067	84	99303	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.703	65	52604	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.729	84	198378	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.694	67	62641	5.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.899	98	162891	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.179	79	22778	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.636	63	107709	50.377	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50365	4.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	59328	5.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	844	0.104	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	6715	0.942	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	16905	2.163	ug/L	96
27) 1,2-Dichloroethane	5.732	62	976	0.108	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	4347	0.343	ug/L	95
34) Trichloroethene	6.546	95	18925	2.404	ug/L	95
35) Methylcyclohexane	6.694	83	14869	1.363	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	6243	0.758	ug/L #	85
39) cis-1,3-Dichloropropene	7.571	75	1372	0.128	ug/L #	61
47) Tetrachloroethene	8.555	164	63204	10.346	ug/L	96
49) Dibromochloromethane	8.555	129	62155	8.686	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	5840	1.253	ug/L #	64

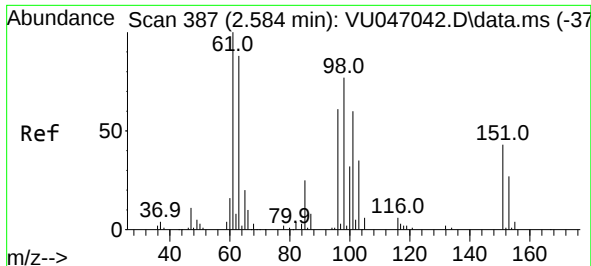
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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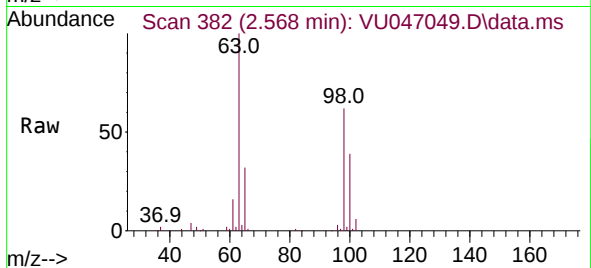
Quant Time: Feb 05 01:35:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 05 01:18:17 2022
Response via : Initial Calibration



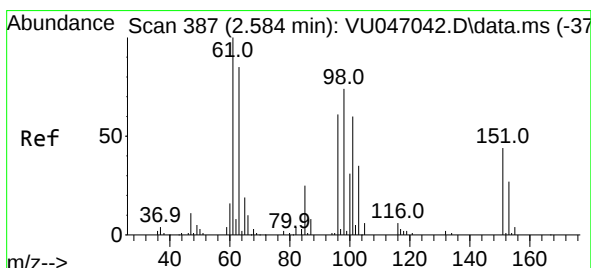
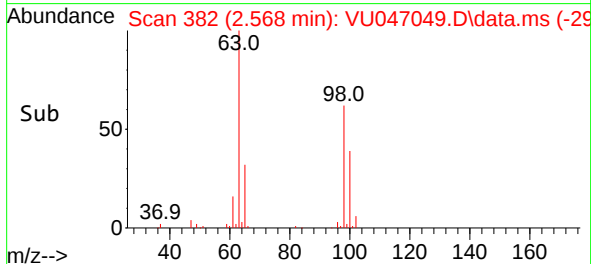
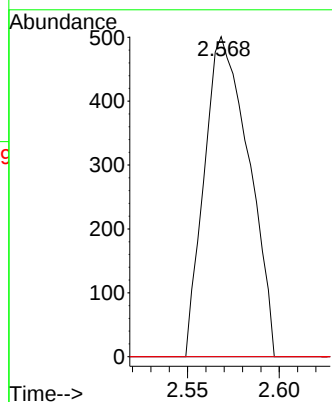


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.104 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU047049.D
 Acq: 04 Feb 2022 16:22

Instrument :
 MSVOA_U
 ClientSampleId :

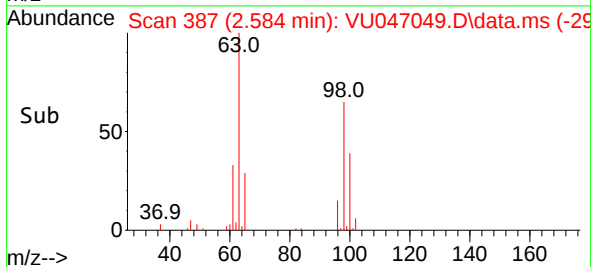
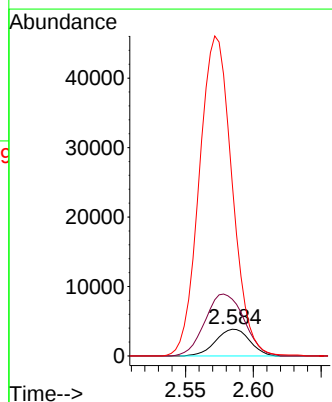
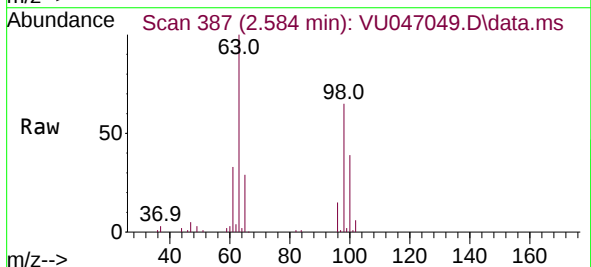


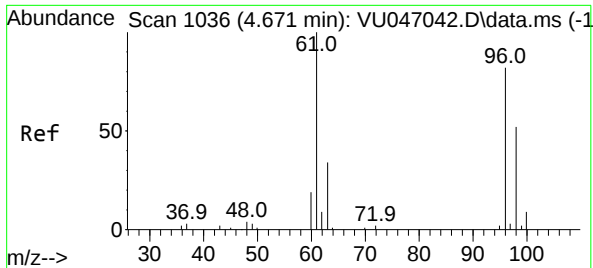
Tgt Ion:101 Resp: 844
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 57.2 85.8#



#12
 1,1-Dichloroethene
 Concen: 0.942 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047049.D
 Acq: 04 Feb 2022 16:22

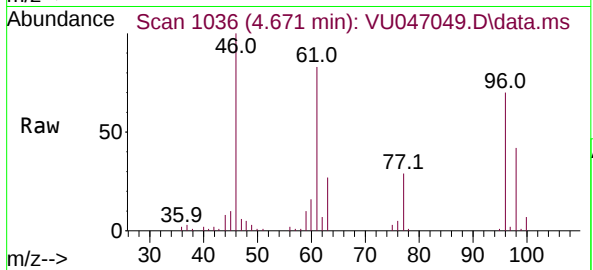
Tgt Ion: 96 Resp: 6715
 Ion Ratio Lower Upper
 96 100
 61 212.7 115.5 214.5
 63 648.8 103.6 192.4#



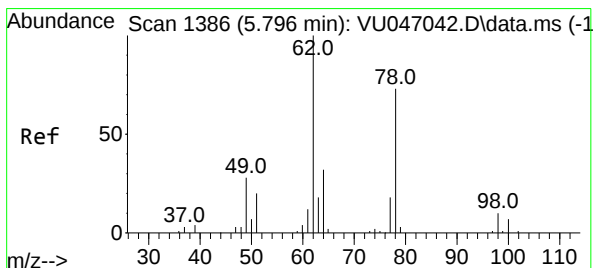
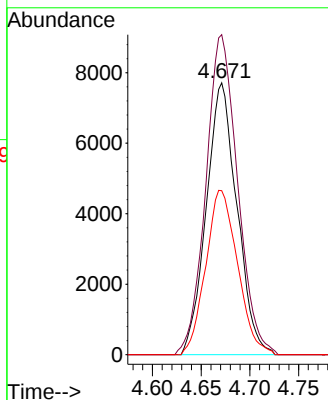
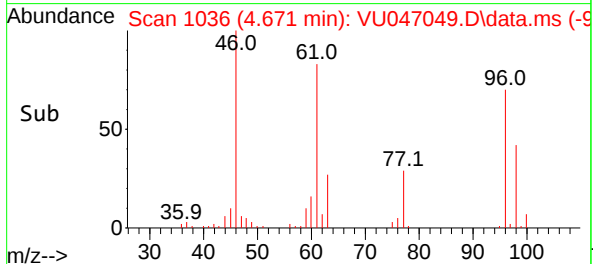


#22
 cis-1,2-Dichloroethene
 Concen: 2.163 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047049.D
 Acq: 04 Feb 2022 16:22

Instrument :
 MSVOA_U
 ClientSampleId :

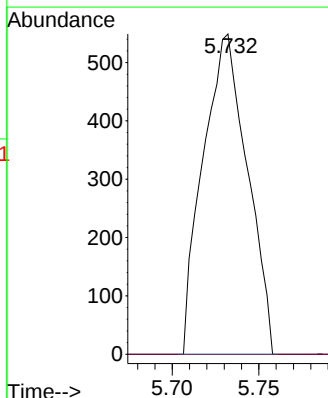
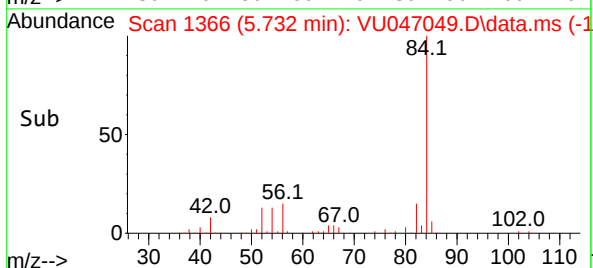
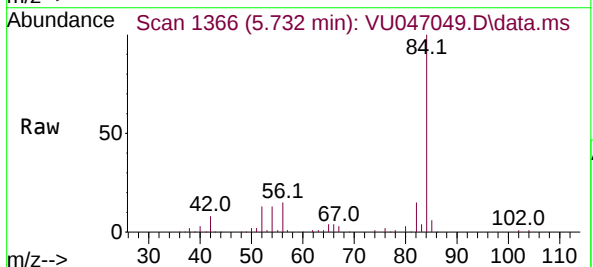


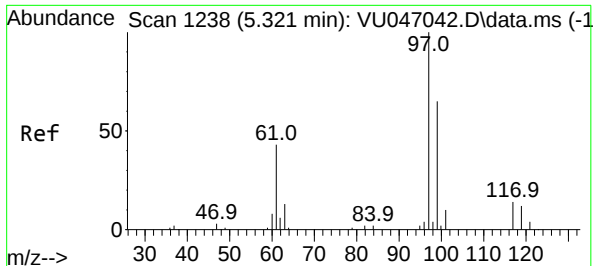
Tgt Ion:	96	Resp:	16905
Ion	Ratio	Lower	Upper
96	100		
61	117.7	85.6	159.0
98	60.3	44.7	83.1



#27
 1,2-Dichloroethane
 Concen: 0.108 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.064 min
 Lab File: VU047049.D
 Acq: 04 Feb 2022 16:22

Tgt Ion:	62	Resp:	976
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#





#29

1,1,1-Trichloroethane

Concen: 0.343 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Instrument :

MSVOA_U

ClientSampleId :

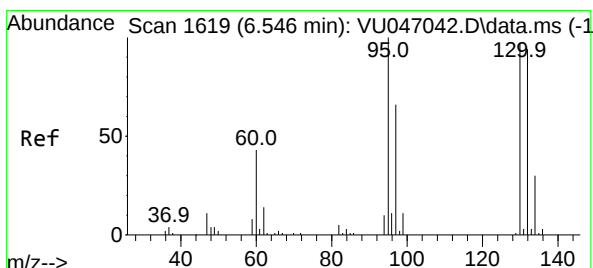
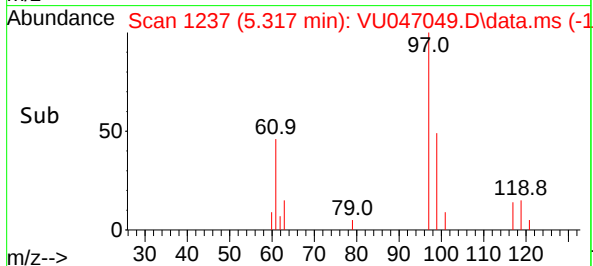
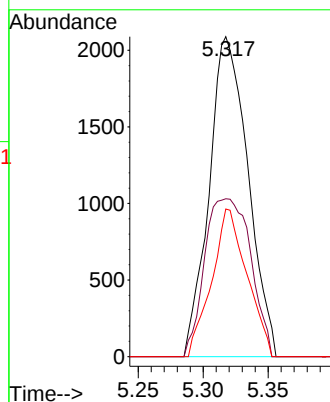
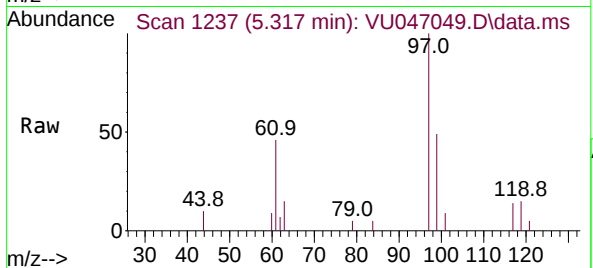
Tgt Ion: 97 Resp: 4347

Ion Ratio Lower Upper

97 100

99 58.5 51.5 77.3

61 41.8 34.6 52.0



#34

Trichloroethene

Concen: 2.404 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Tgt Ion: 95 Resp: 18925

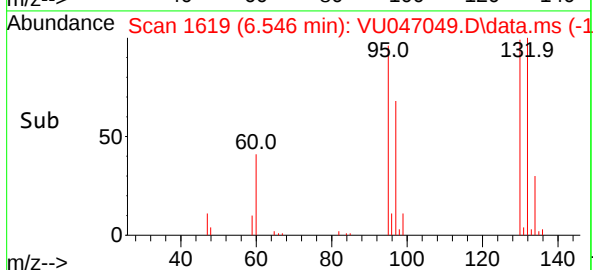
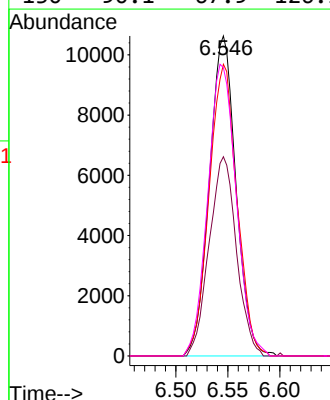
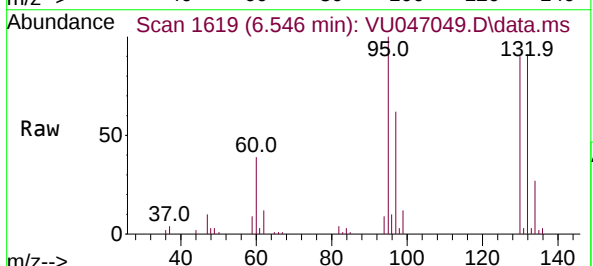
Ion Ratio Lower Upper

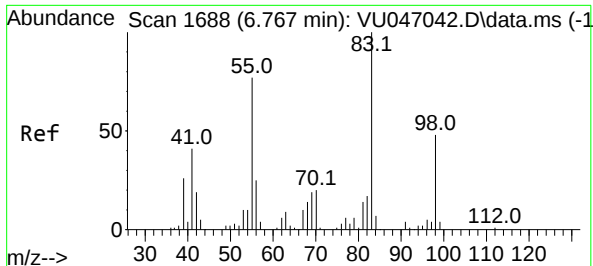
95 100

97 62.2 46.1 85.5

132 91.2 65.9 122.5

130 90.1 67.9 126.1





#35

Methylcyclohexane

Concen: 1.363 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047049.D

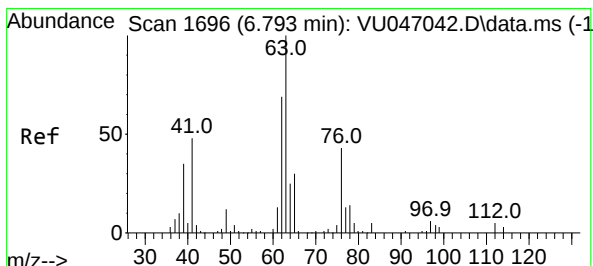
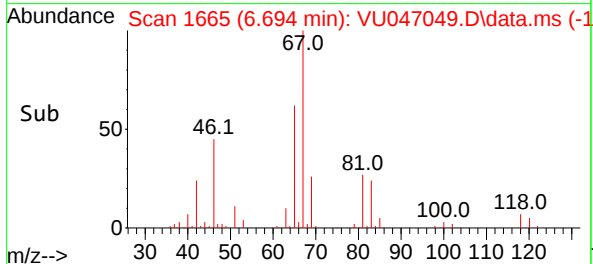
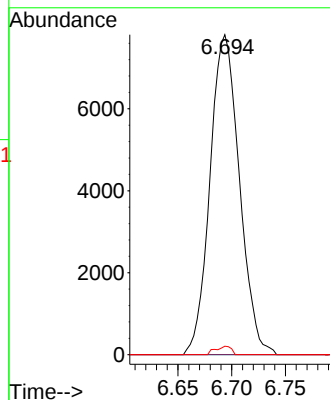
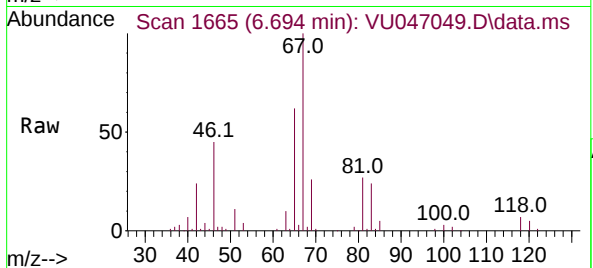
Acq: 04 Feb 2022 16:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14869
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	1.4	39.3	58.9#



#37

1,2-Dichloropropane

Concen: 0.758 ug/L

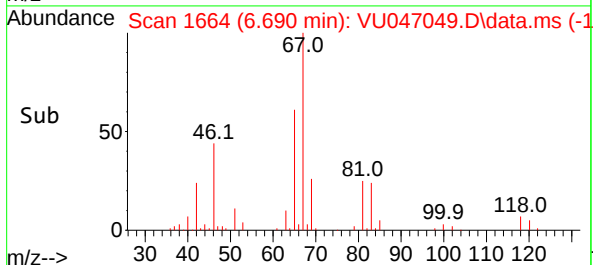
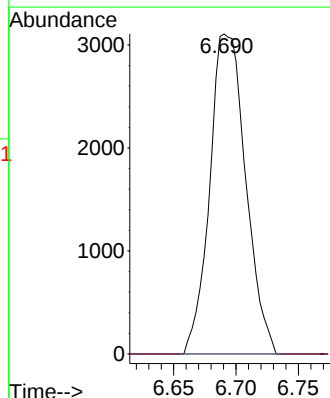
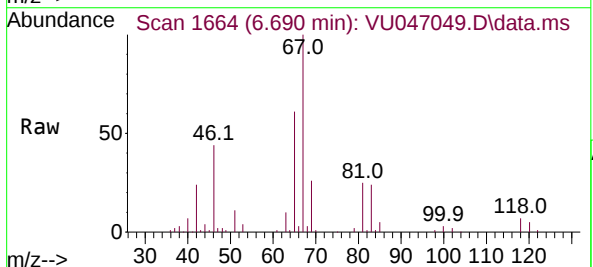
RT: 6.690 min Scan# 1664

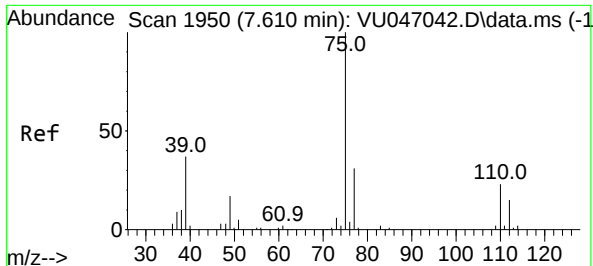
Delta R.T. -0.103 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Tgt Ion:	63	Resp:	6243
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.038 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Instrument :

MSVOA_U

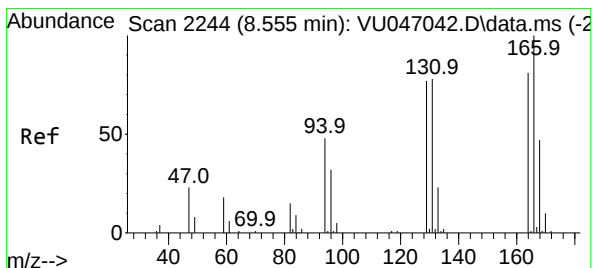
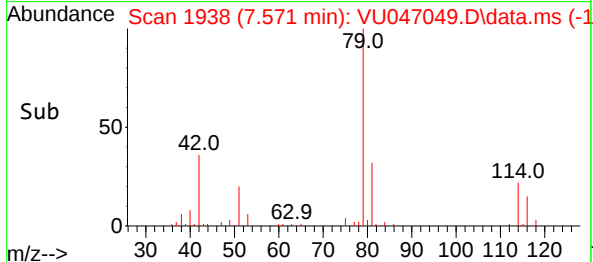
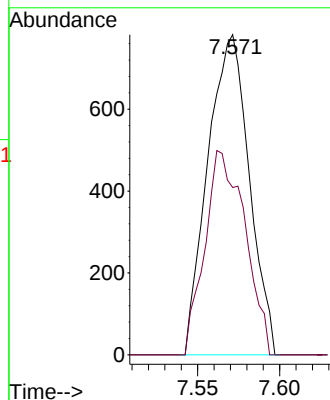
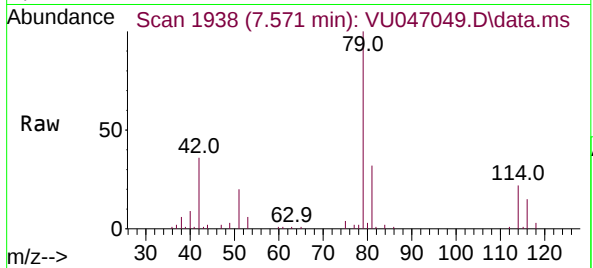
ClientSampleId :

Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

75 100

77 52.3 21.6 40.2#



#47

Tetrachloroethene

Concen: 10.346 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Tgt Ion:164 Resp: 63204

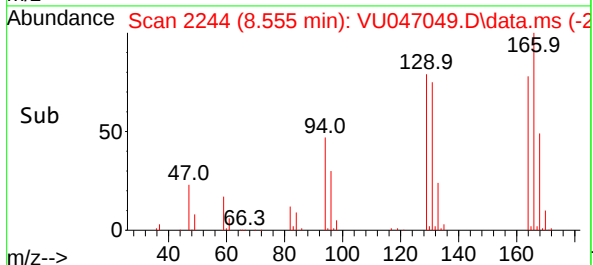
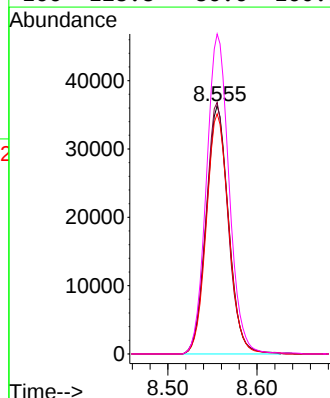
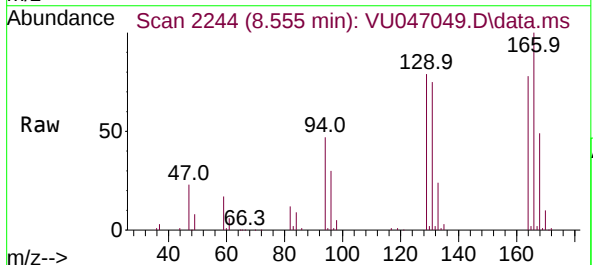
Ion Ratio Lower Upper

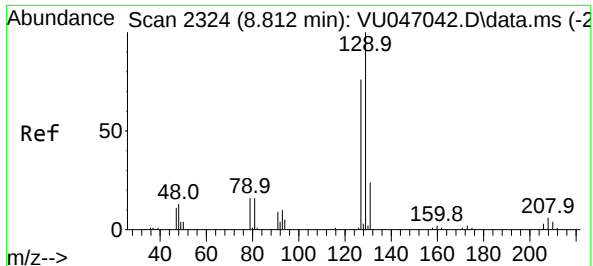
164 100

129 101.2 66.5 123.5

131 96.7 67.5 125.4

166 128.8 86.6 160.8





#49

Dibromochloromethane

Concen: 8.686 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Instrument :

MSVOA_U

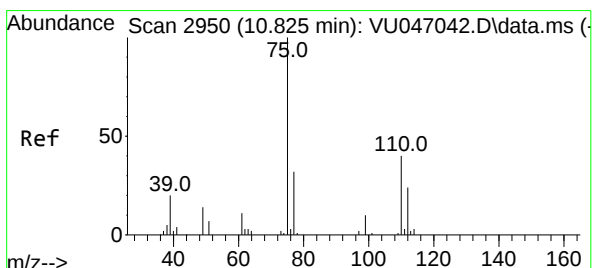
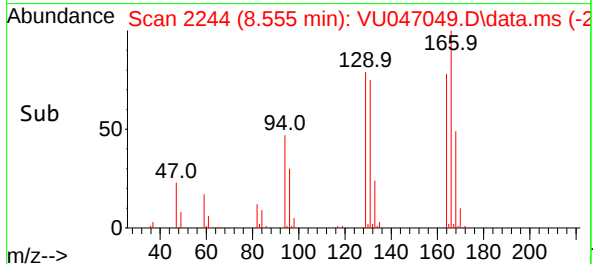
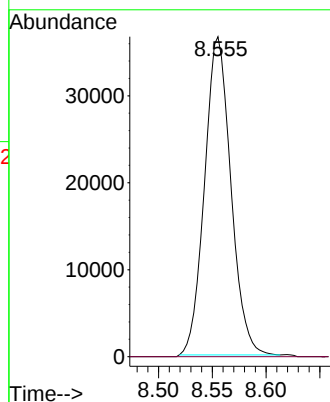
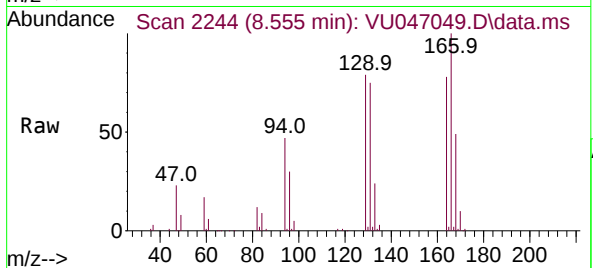
ClientSampleId :

Tgt Ion:129 Resp: 62155

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.253 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047049.D

Acq: 04 Feb 2022 16:22

Tgt Ion: 75 Resp: 5840

Ion Ratio Lower Upper

75 100

110 1.2 31.7 47.5#

77 34.1 26.1 39.1

