

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046942.D
 Acq On : 01 Feb 2022 01:37
 Operator : SY/MD
 Sample : N1328-19DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:03:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

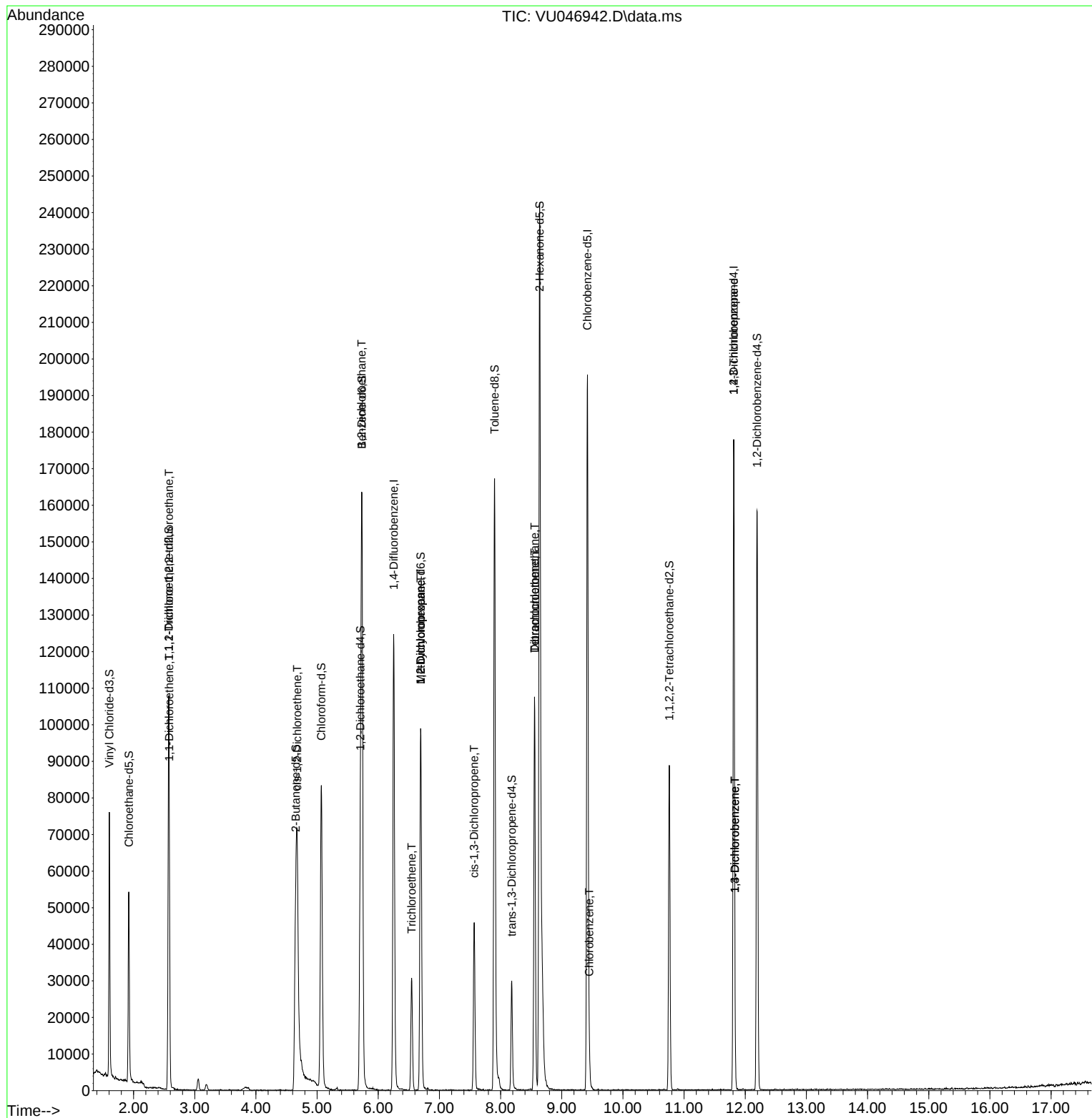
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53418	6.115	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.200%
7) Chloroethane-d5	1.922	69	40513	5.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.800%
11) 1,1-Dichloroethene-d2	2.575	65	20729	5.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.400%
20) 2-Butanone-d5	4.652	46	103107	39.841	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.680%
24) Chloroform-d	5.070	84	78429	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	43603	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.732	84	158240	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.694	67	49281	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.903	98	122162	3.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.182	79	17875	3.937	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.639	63	107356	39.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46403	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41175	4.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	487	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	1136	0.197	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	21316	3.241	ug/L	98
27) 1,2-Dichloroethane	5.729	62	728	0.099	ug/L #	73
34) Trichloroethene	6.546	95	10891	1.521	ug/L	97
35) Methylcyclohexane	6.694	83	11749	0.979	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4989	0.737	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1219	0.115	ug/L	93
47) Tetrachloroethene	8.555	164	24105	4.138	ug/L	98
49) Dibromochloromethane	8.555	129	23662	3.484	ug/L #	10
51) Chlorobenzene	9.449	112	1987	0.104	ug/L	96
61) 1,2,3-Trichloropropane	11.812	75	6410	1.593	ug/L #	65
64) 1,3-Dichlorobenzene	11.832	146	1312	0.119	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	1312	0.118	ug/L	97

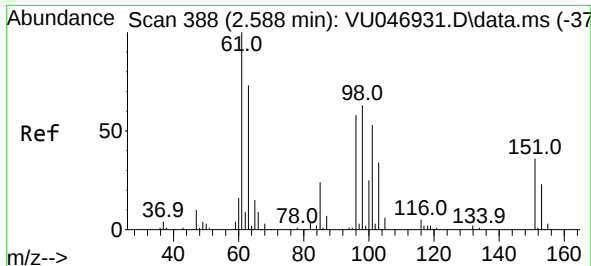
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
Data File : VU046942.D
Acq On : 01 Feb 2022 01:37
Operator : SY/MD
Sample : N1328-19DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 01 03:03:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 01 01:39:38 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046942.D

Acq: 01 Feb 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

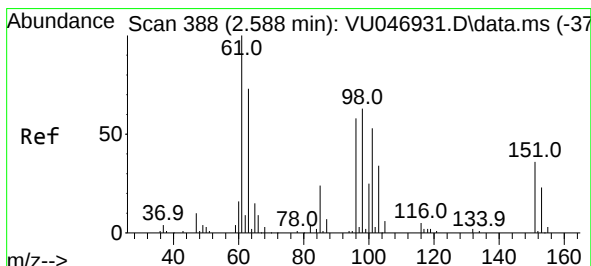
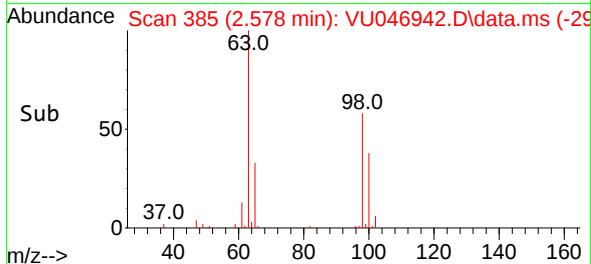
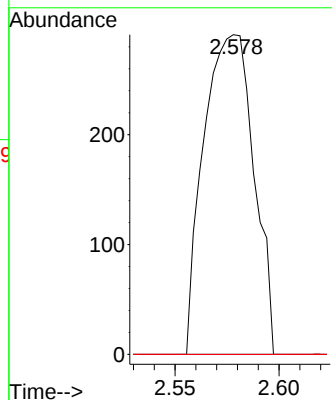
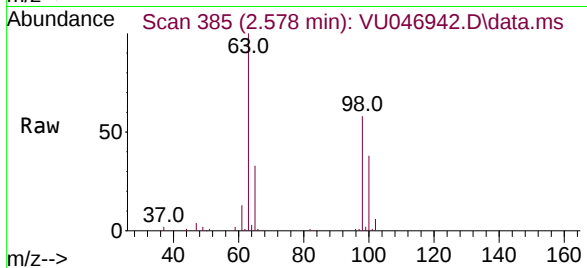
Tgt Ion:101 Resp: 487

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.197 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046942.D

Acq: 01 Feb 2022 01:37

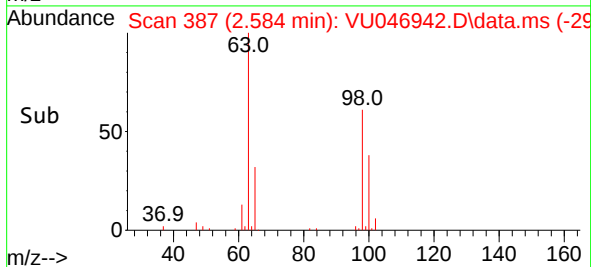
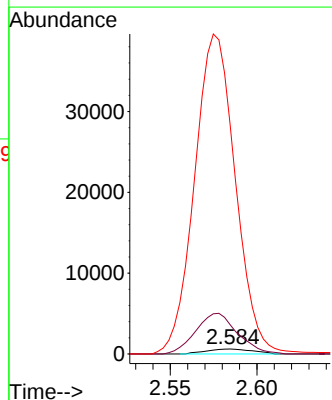
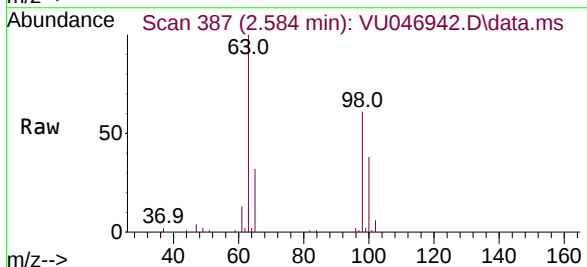
Tgt Ion: 96 Resp: 1136

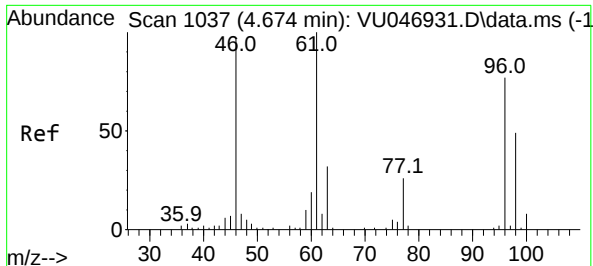
Ion Ratio Lower Upper

96 100

61 593.6 124.7 231.5#

63 4654.4 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 3.241 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU046942.D

Acq: 01 Feb 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

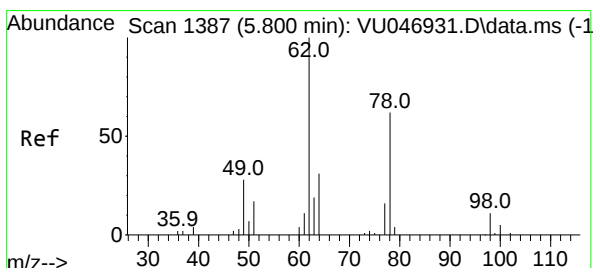
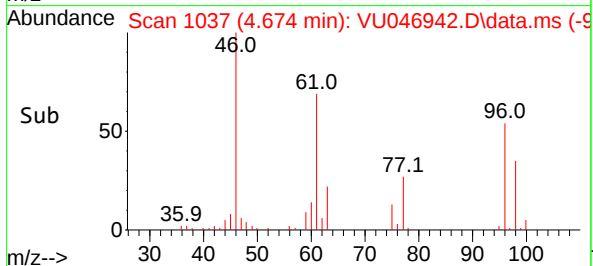
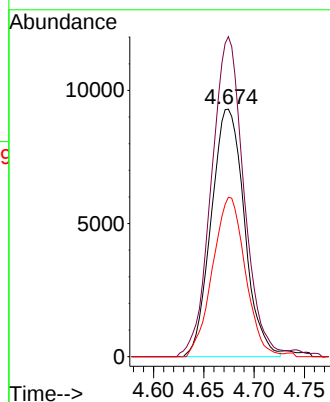
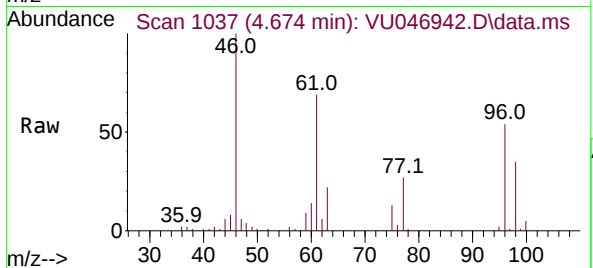
Tgt Ion: 96 Resp: 21316

Ion Ratio Lower Upper

96 100

61 129.3 88.5 164.3

98 64.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU046942.D

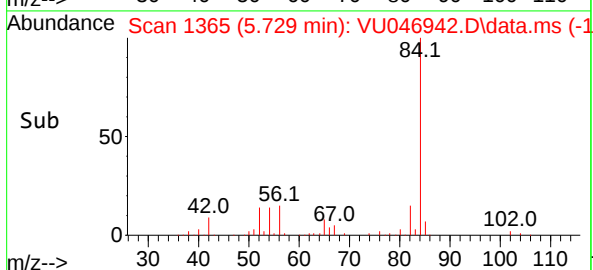
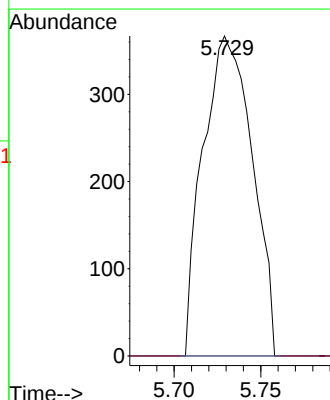
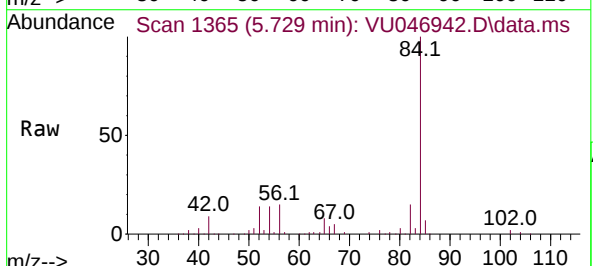
Acq: 01 Feb 2022 01:37

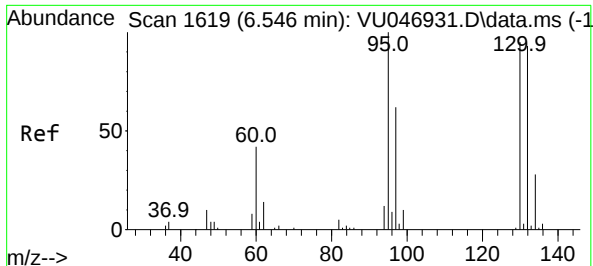
Tgt Ion: 62 Resp: 728

Ion Ratio Lower Upper

62 100

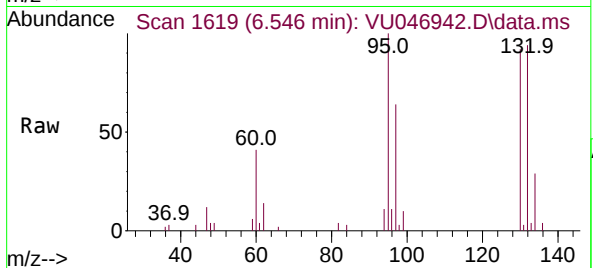
98 0.0 7.8 11.8#





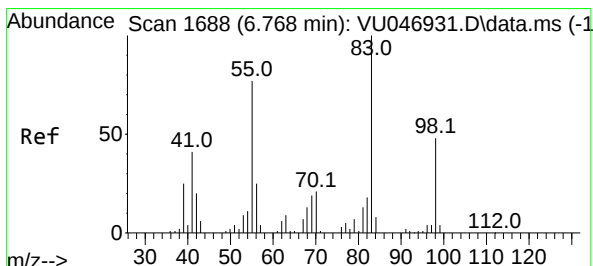
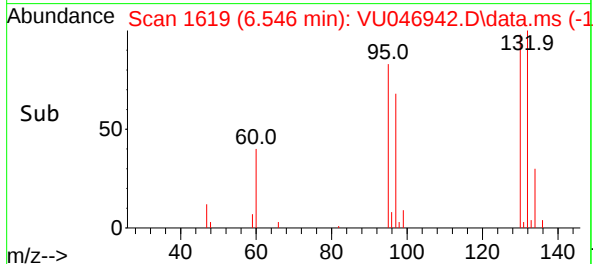
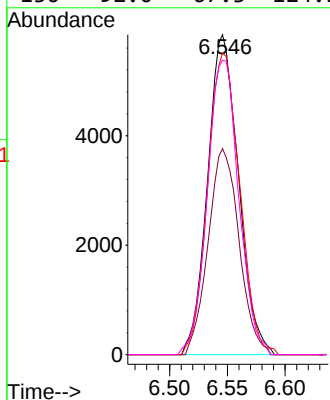
#34
Trichloroethene
Concen: 1.521 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 10891

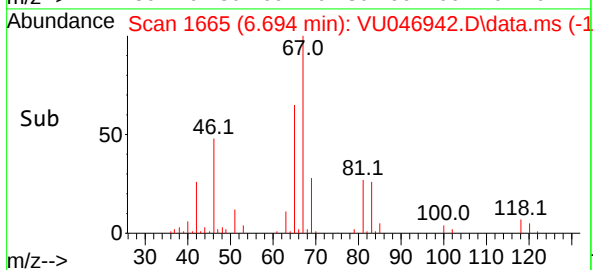
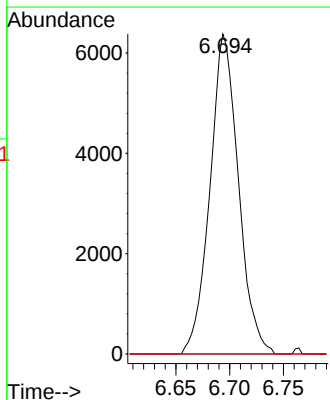
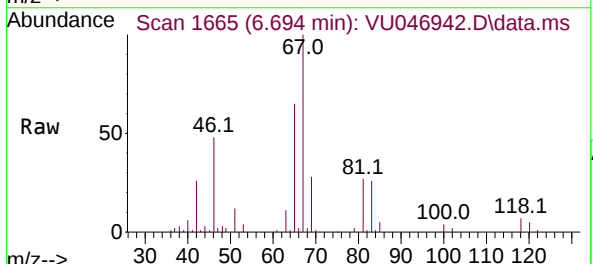
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.5	86.5
132	94.3	65.1	120.9
130	92.0	67.3	124.9

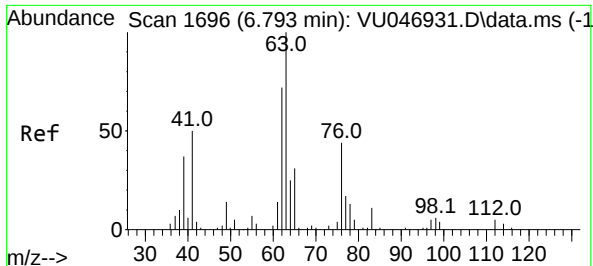


#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Tgt Ion: 83 Resp: 11749

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	1.9	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.737 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046942.D

Acq: 01 Feb 2022 01:37

Instrument :

MSVOA_U

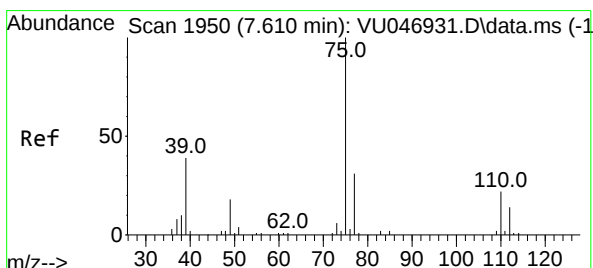
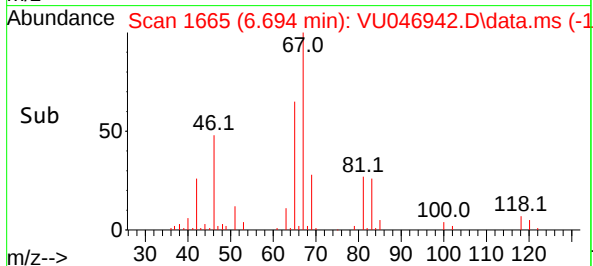
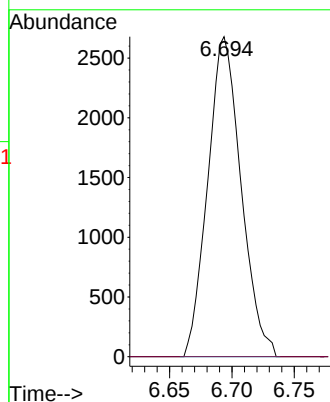
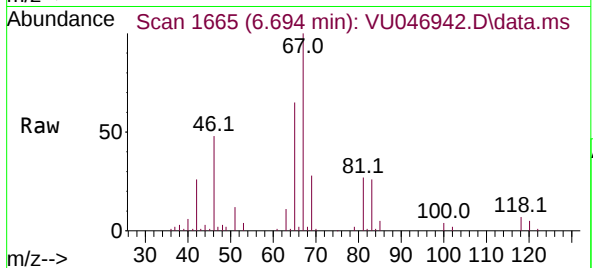
ClientSampleId :

Tgt Ion: 63 Resp: 4989

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046942.D

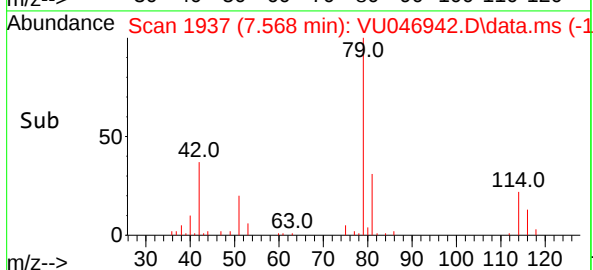
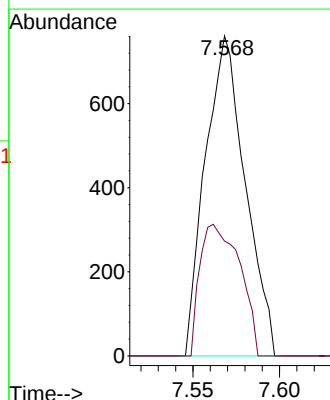
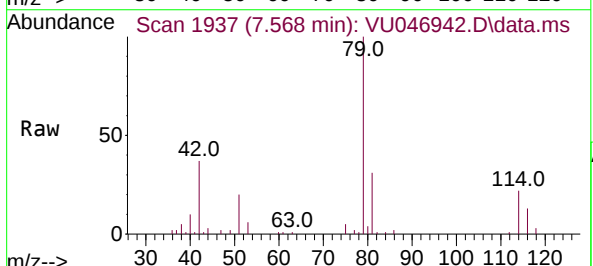
Acq: 01 Feb 2022 01:37

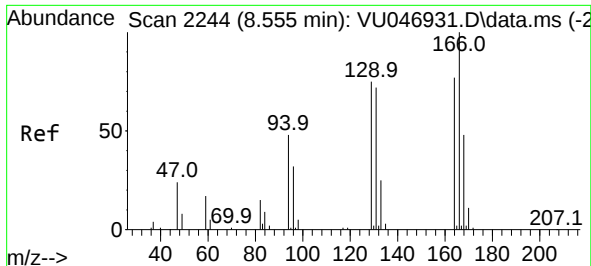
Tgt Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

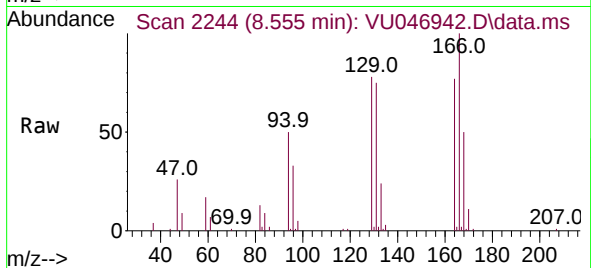
77 35.9 22.5 41.9



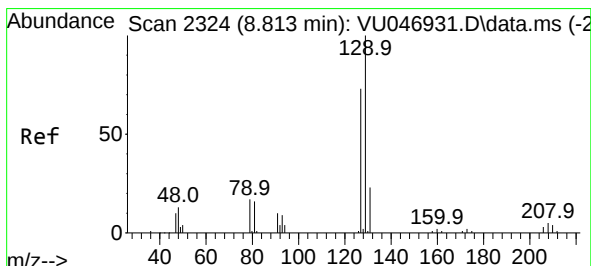
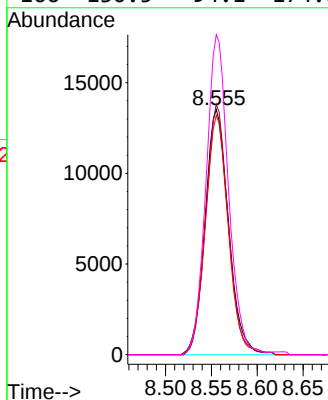
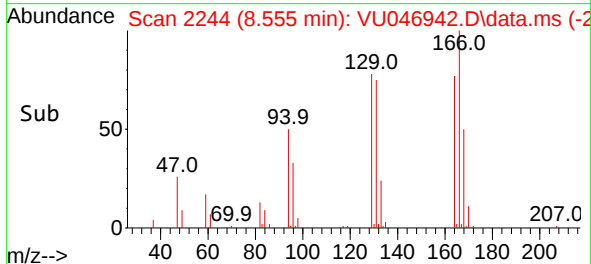


#47
Tetrachloroethene
Concen: 4.138 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Instrument :
MSVOA_U
ClientSampleId :

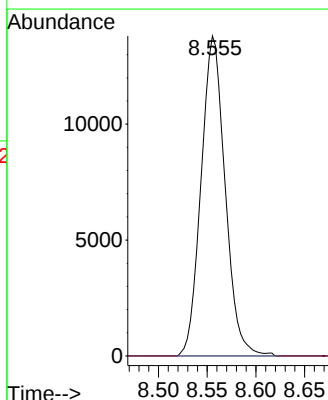
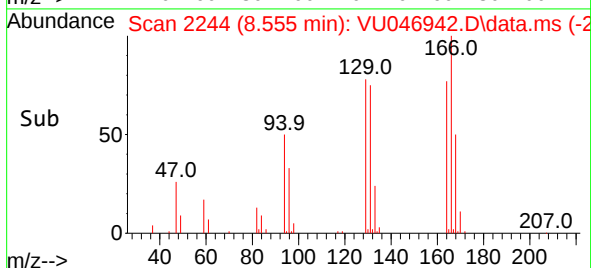
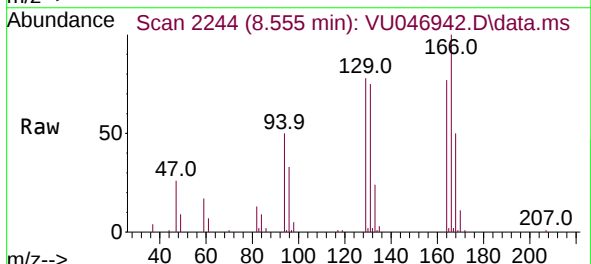


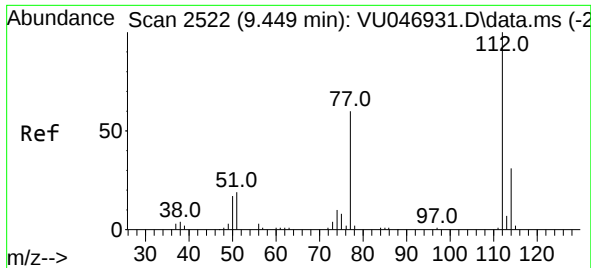
Tgt Ion:164 Resp: 24105
Ion Ratio Lower Upper
164 100
129 102.1 71.8 133.4
131 97.6 68.5 127.3
166 130.5 94.1 174.8



#49
Dibromochloromethane
Concen: 3.484 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Tgt Ion:129 Resp: 23662
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#

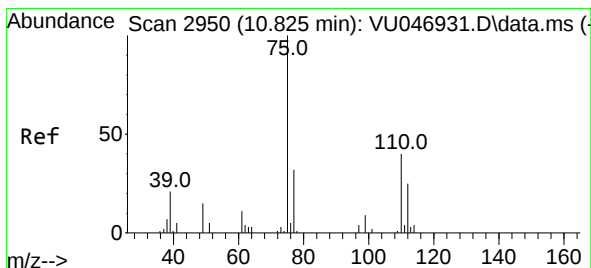
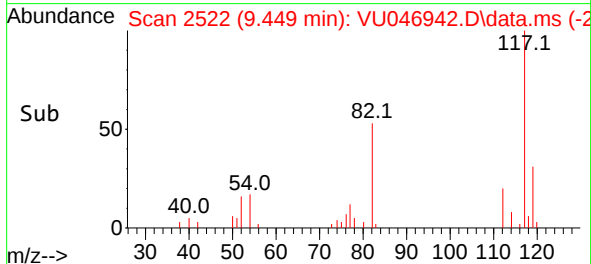
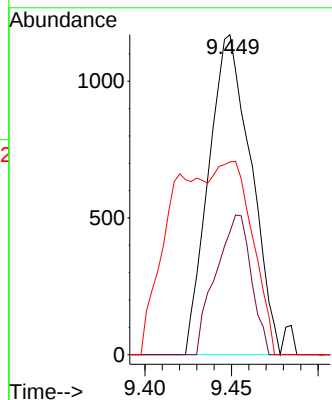
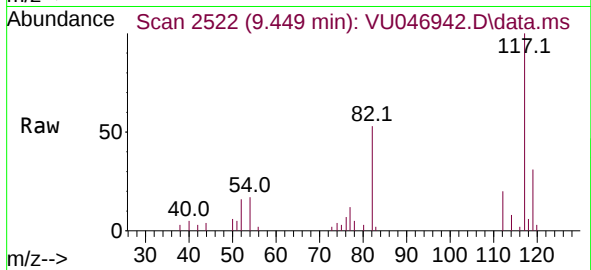




#51
Chlorobenzene
Concen: 0.104 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

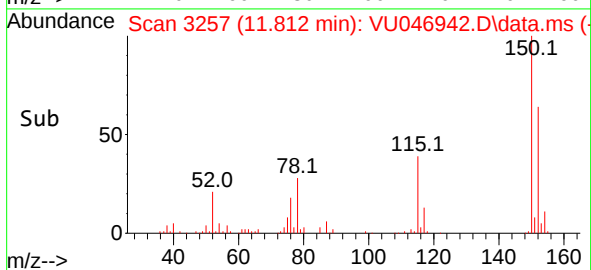
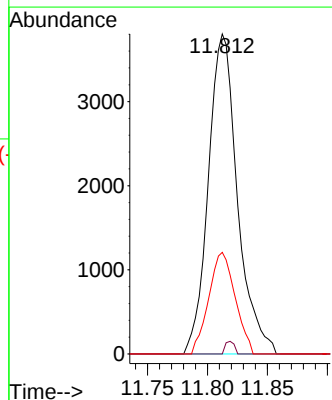
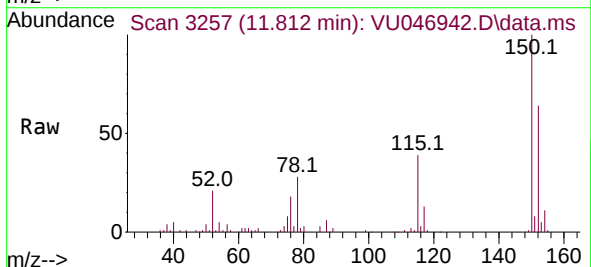
Instrument :
MSVOA_U
ClientSampleId :

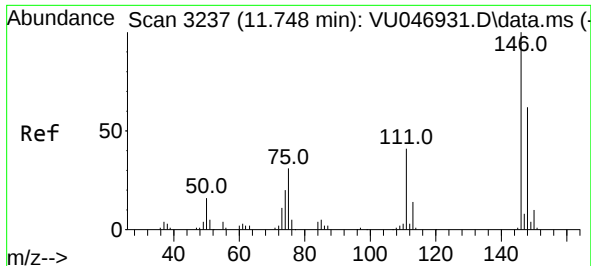
Tgt Ion:112 Resp: 1987
Ion Ratio Lower Upper
112 100
114 38.4 22.1 41.1
77 60.3 48.3 72.5



#61
1,2,3-Trichloropropane
Concen: 1.593 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Tgt Ion: 75 Resp: 6410
Ion Ratio Lower Upper
75 100
110 1.2 29.9 44.9#
77 28.8 25.5 38.3

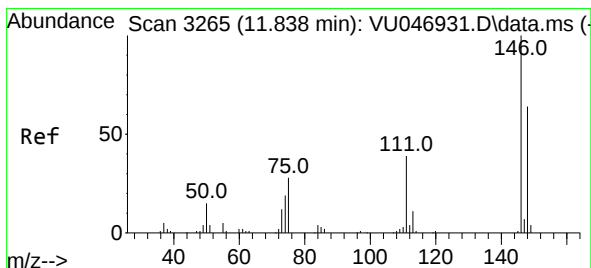
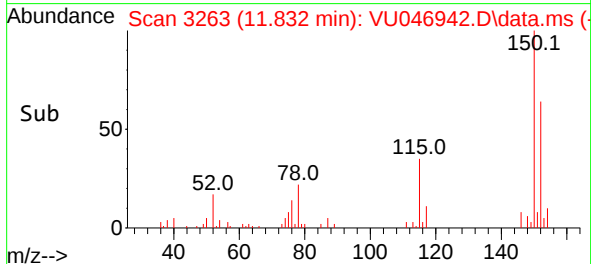
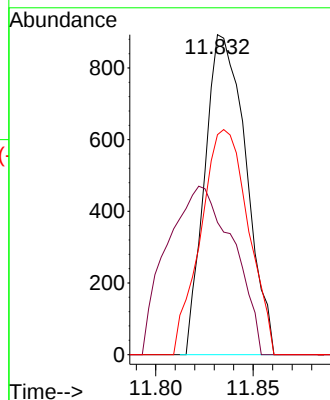
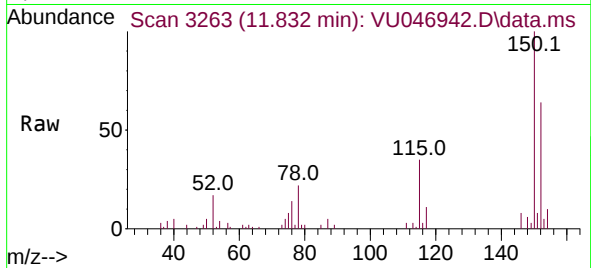




#64
1,3-Dichlorobenzene
Concen: 0.119 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.084 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 1312
Ion Ratio Lower Upper
146 100
111 41.3 29.9 55.5
148 68.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.118 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.006 min
Lab File: VU046942.D
Acq: 01 Feb 2022 01:37

Tgt Ion:146 Resp: 1312
Ion Ratio Lower Upper
146 100
111 41.3 28.7 53.3
148 68.8 45.8 85.0

