

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046337.D
 Acq On : 13 Dec 2021 23:27
 Operator : SY/MD
 Sample : M5062-03 20X
 Misc : 6.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:56:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

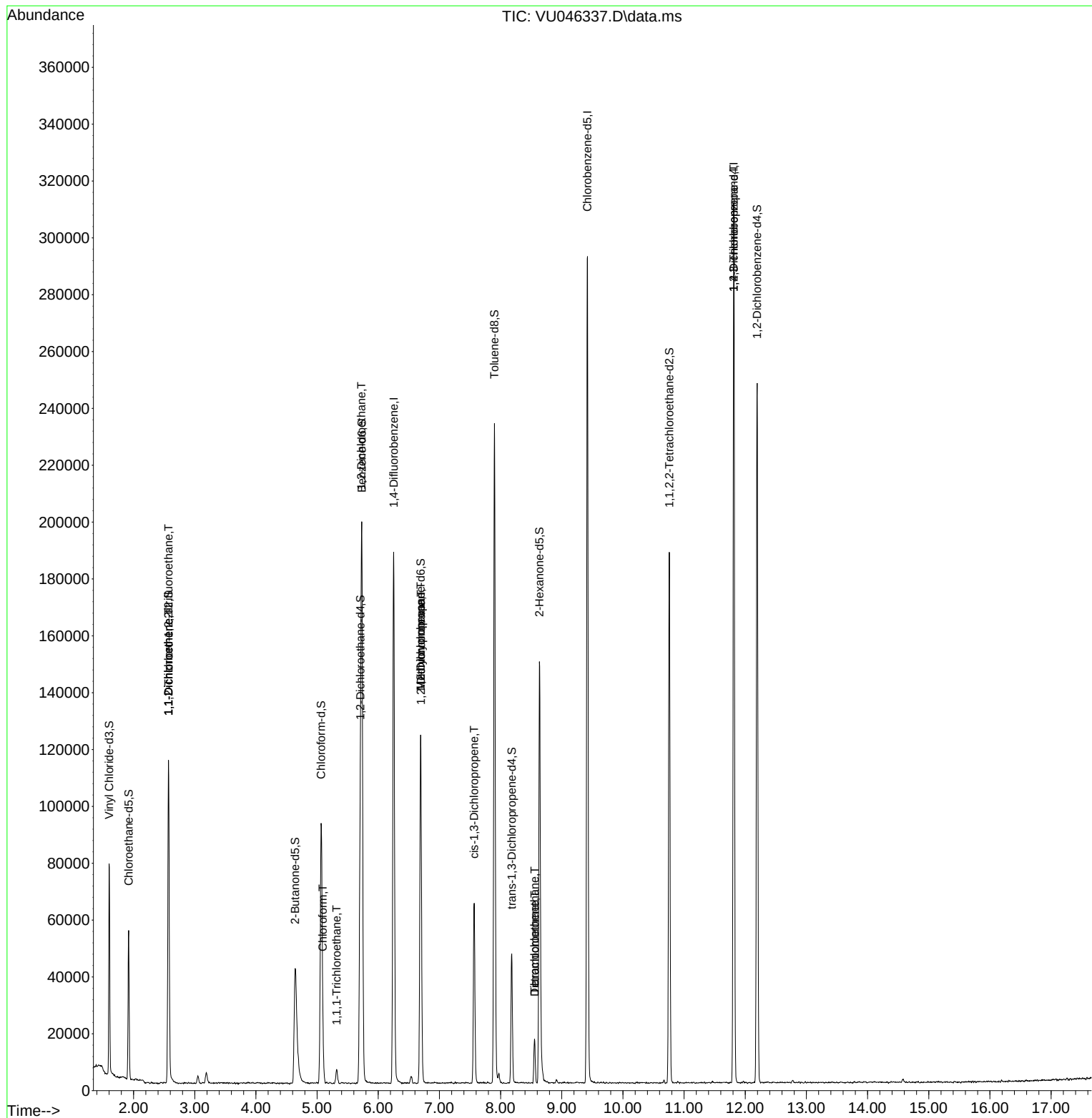
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	152650	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	160347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	52221	41.529	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.060%		
7) Chloroethane-d5	1.919	69	38133	39.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.000%		
11) 1,1-Dichloroethene-d2	2.571	63	68893	30.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.040%		
21) 2-Butanone-d5	4.642	46	80610	80.641	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.640%		
24) Chloroform-d	5.067	84	85040	40.498	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.000%		
26) 1,2-Dichloroethane-d4	5.706	65	61621	43.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.460%		
32) Benzene-d6	5.732	84	182277	39.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.320%		
36) 1,2-Dichloropropane-d6	6.693	67	57421	40.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.620%		
41) Toluene-d8	7.899	98	153908	36.781	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.560%#		
43) trans-1,3-Dichloroprop...	8.182	79	26264	38.198	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.400%		
47) 2-Hexanone-d5	8.636	63	55205	81.746	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.750%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	91545	42.381	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.760%		
66) 1,2-Dichlorobenzene-d4	12.195	152	64023	41.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.380%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	615	0.554	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	496	0.470	ug/L #	1
25) Chloroform	5.092	83	9050	4.011	ug/L	100
27) 1,2-Dichloroethane	5.726	62	906	0.541	ug/L #	73
30) 1,1,1-Trichloroethane	5.317	97	3531	1.794	ug/L #	83
35) Methylcyclohexane	6.693	83	14177	7.151	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	6473	5.092	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1546	0.799	ug/L #	81
46) Tetrachloroethene	8.555	164	3479	3.703	ug/L	98
49) Dibromochloromethane	8.558	129	3475	2.595	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9563	5.470	ug/L #	66

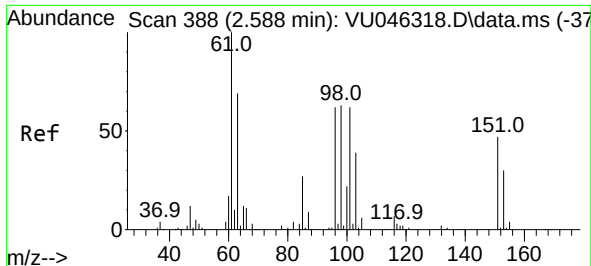
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration





#10

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

Concen: 0.554 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046337.D

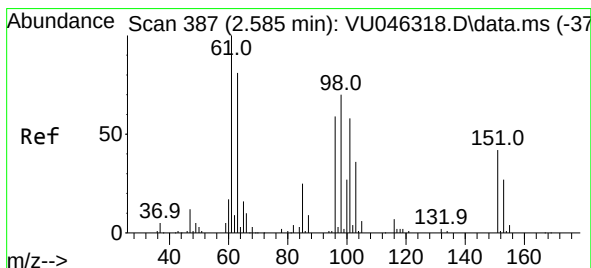
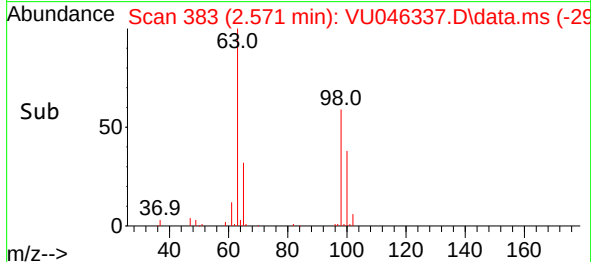
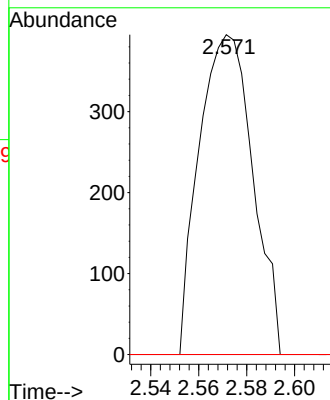
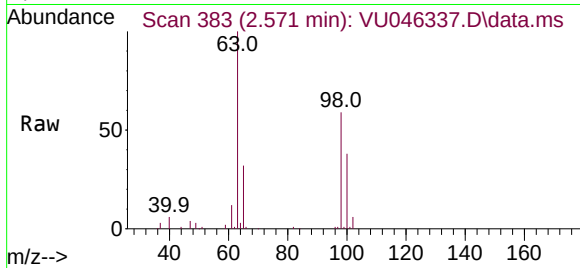
Acq: 13 Dec 2021 23:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	615
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.470 ug/L

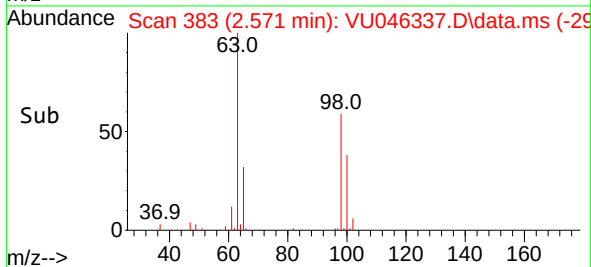
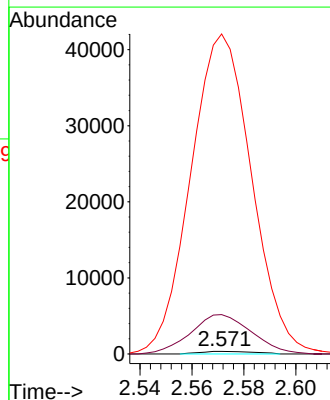
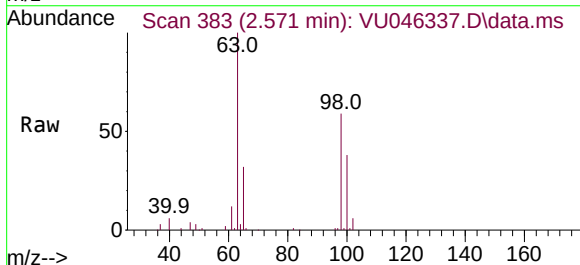
RT: 2.571 min Scan# 383

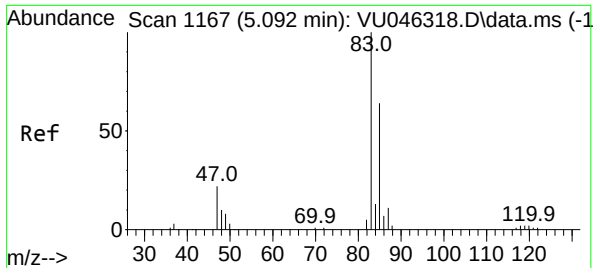
Delta R.T. -0.013 min

Lab File: VU046337.D

Acq: 13 Dec 2021 23:27

Tgt Ion:	96	Resp:	496
Ion	Ratio	Lower	Upper
96	100		
61	1494.2	118.6	220.2#
63	12122.2	93.0	172.8#





#25

Chloroform

Concen: 4.011 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046337.D

Acq: 13 Dec 2021 23:27

Instrument :

MSVOA_U

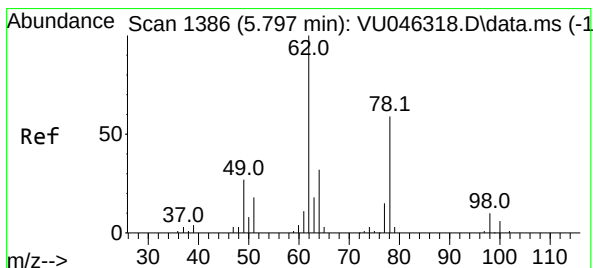
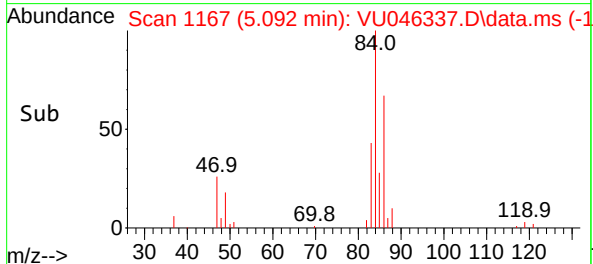
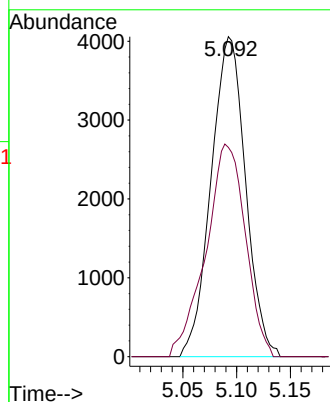
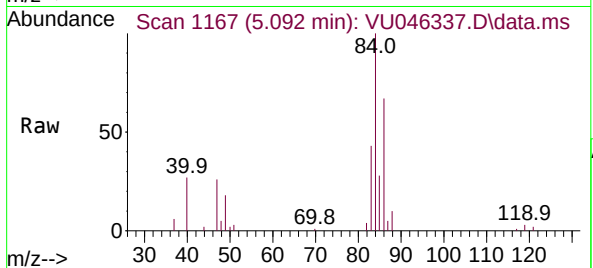
ClientSampleId :

Tgt Ion: 83 Resp: 9050

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.541 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.071 min

Lab File: VU046337.D

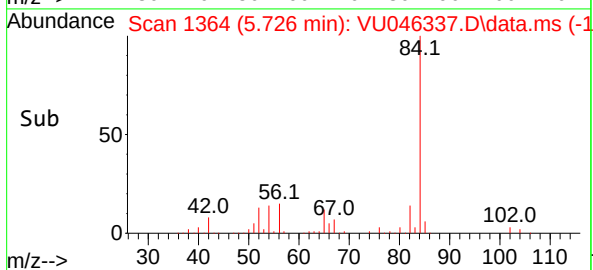
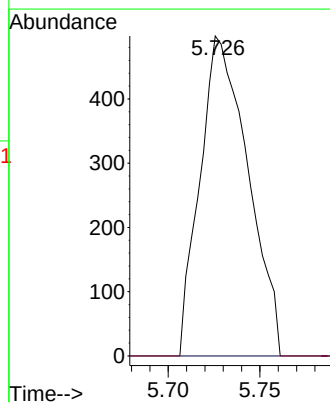
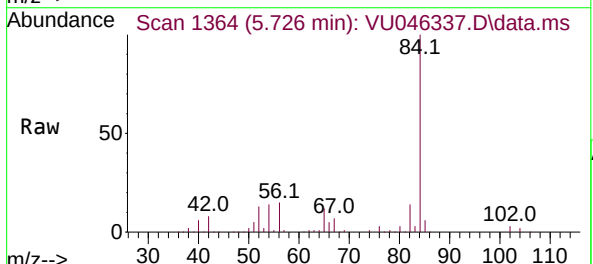
Acq: 13 Dec 2021 23:27

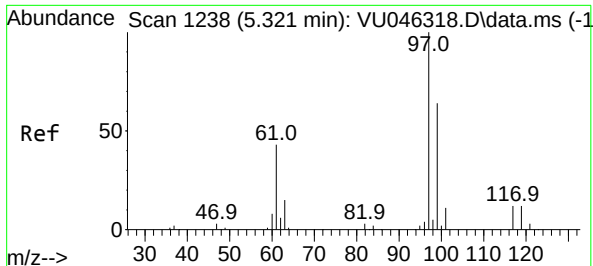
Tgt Ion: 62 Resp: 906

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#30

1,1,1-Trichloroethane

Concen: 1.794 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046337.D

Acq: 13 Dec 2021 23:27

Instrument :

MSVOA_U

ClientSampleId :

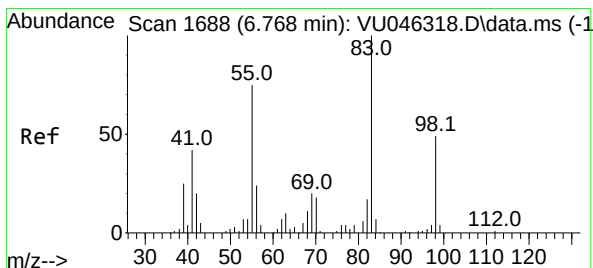
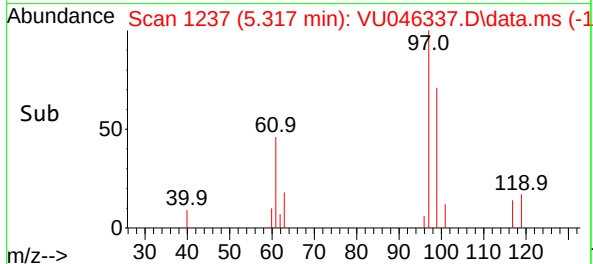
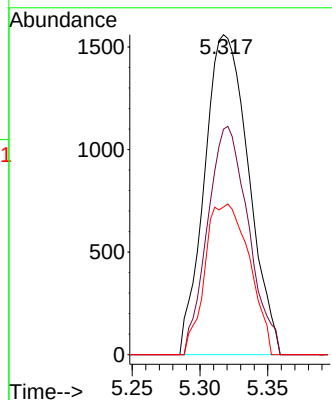
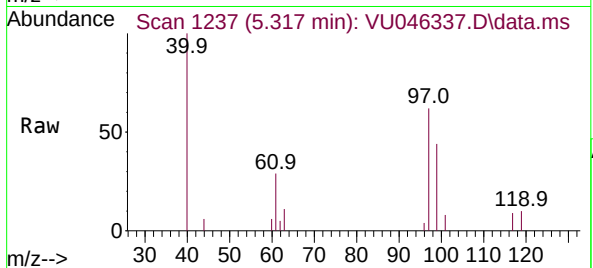
Tgt Ion: 97 Resp: 3531

Ion Ratio Lower Upper

97 100

99 66.1 51.8 77.6

61 17.8 34.4 51.6#



#35

Methylcyclohexane

Concen: 7.151 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046337.D

Acq: 13 Dec 2021 23:27

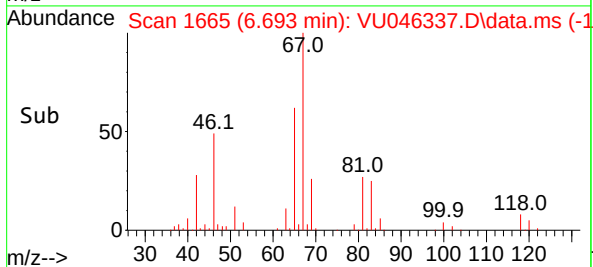
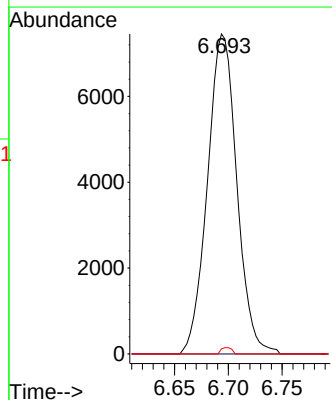
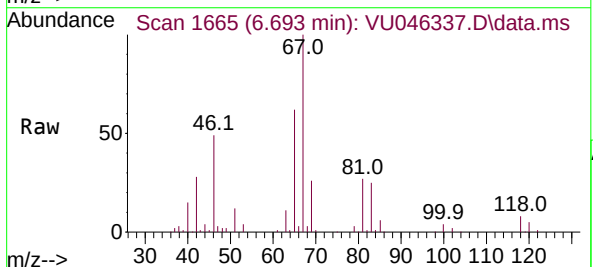
Tgt Ion: 83 Resp: 14177

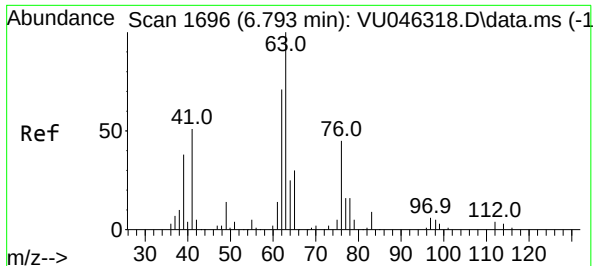
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.092 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046337.D

Acq: 13 Dec 2021 23:27

Instrument :

MSVOA_U

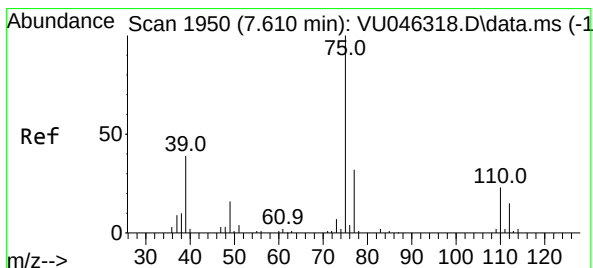
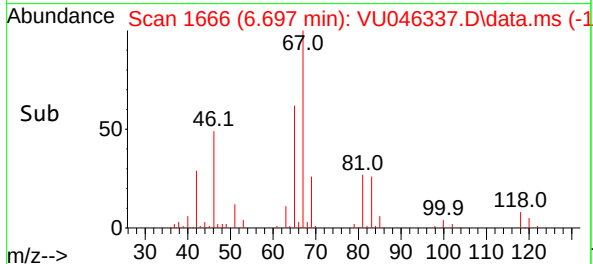
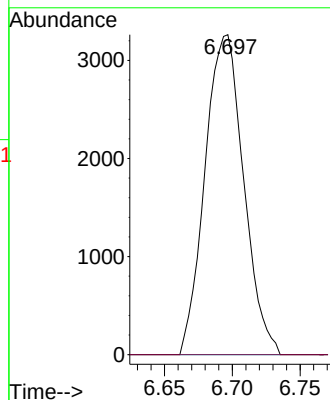
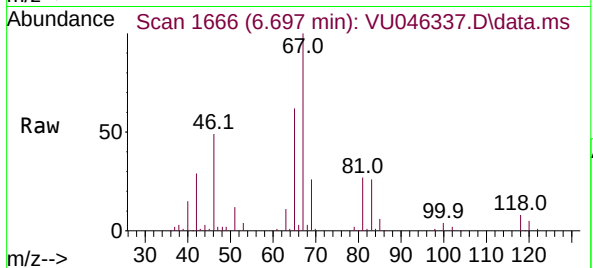
ClientSampleId :

Tgt Ion: 63 Resp: 6473

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046337.D

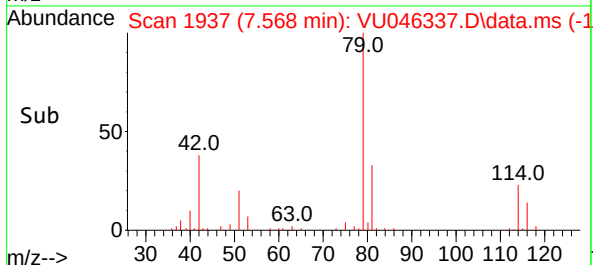
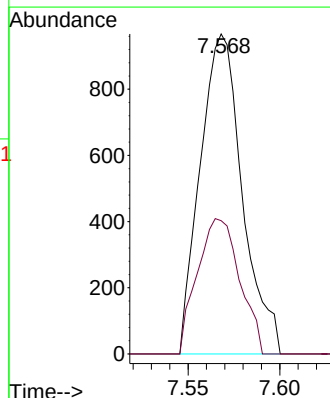
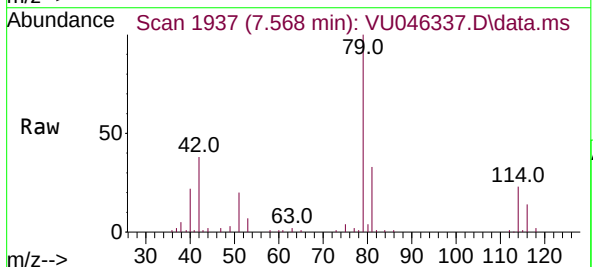
Acq: 13 Dec 2021 23:27

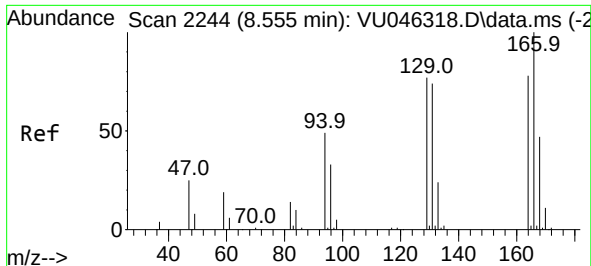
Tgt Ion: 75 Resp: 1546

Ion Ratio Lower Upper

75 100

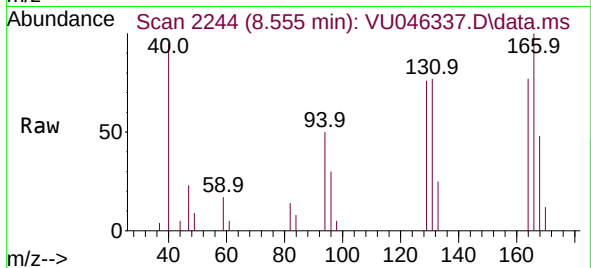
77 41.7 21.8 40.6#



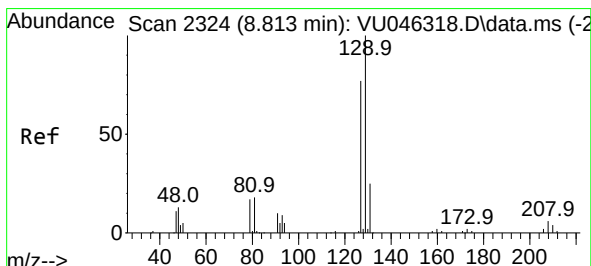
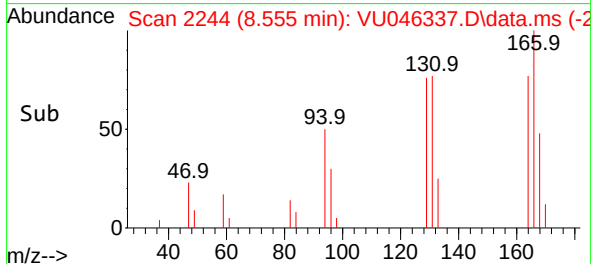
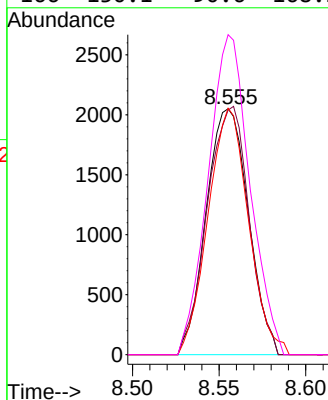


#46
Tetrachloroethene
Concen: 3.703 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046337.D
Acq: 13 Dec 2021 23:27

Instrument :
MSVOA_U
ClientSampleId :

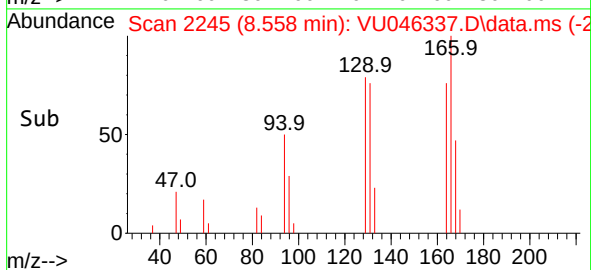
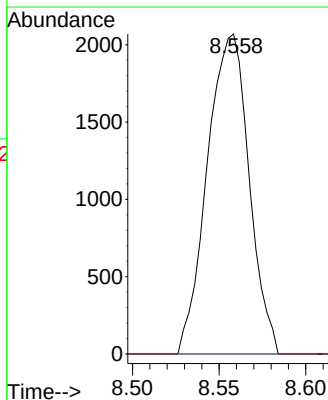
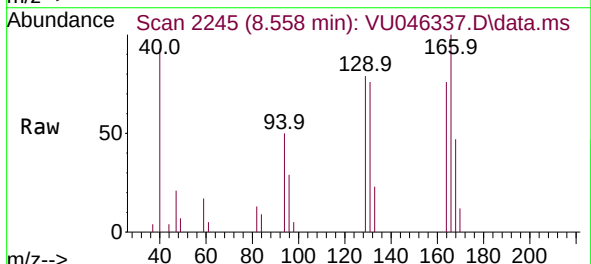


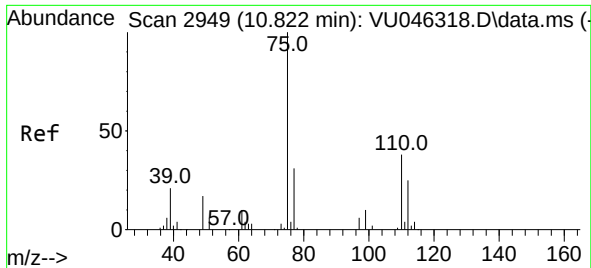
Tgt	Ion:164	Resp:	3479
Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.1	132.1
131	100.1	67.8	126.0
166	130.1	90.6	168.2



#49
Dibromochloromethane
Concen: 2.595 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU046337.D
Acq: 13 Dec 2021 23:27

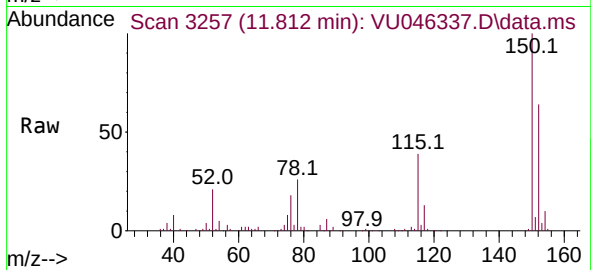
Tgt Ion:129	Resp:	3475	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.470 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046337.D
 Acq: 13 Dec 2021 23:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9563
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.4 39.6
 110 2.3 32.4 48.6#

