

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046156.D
 Acq On : 07 Dec 2021 21:48
 Operator : SY/MD
 Sample : M4887-14ME
 Misc : 3.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 08:11:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

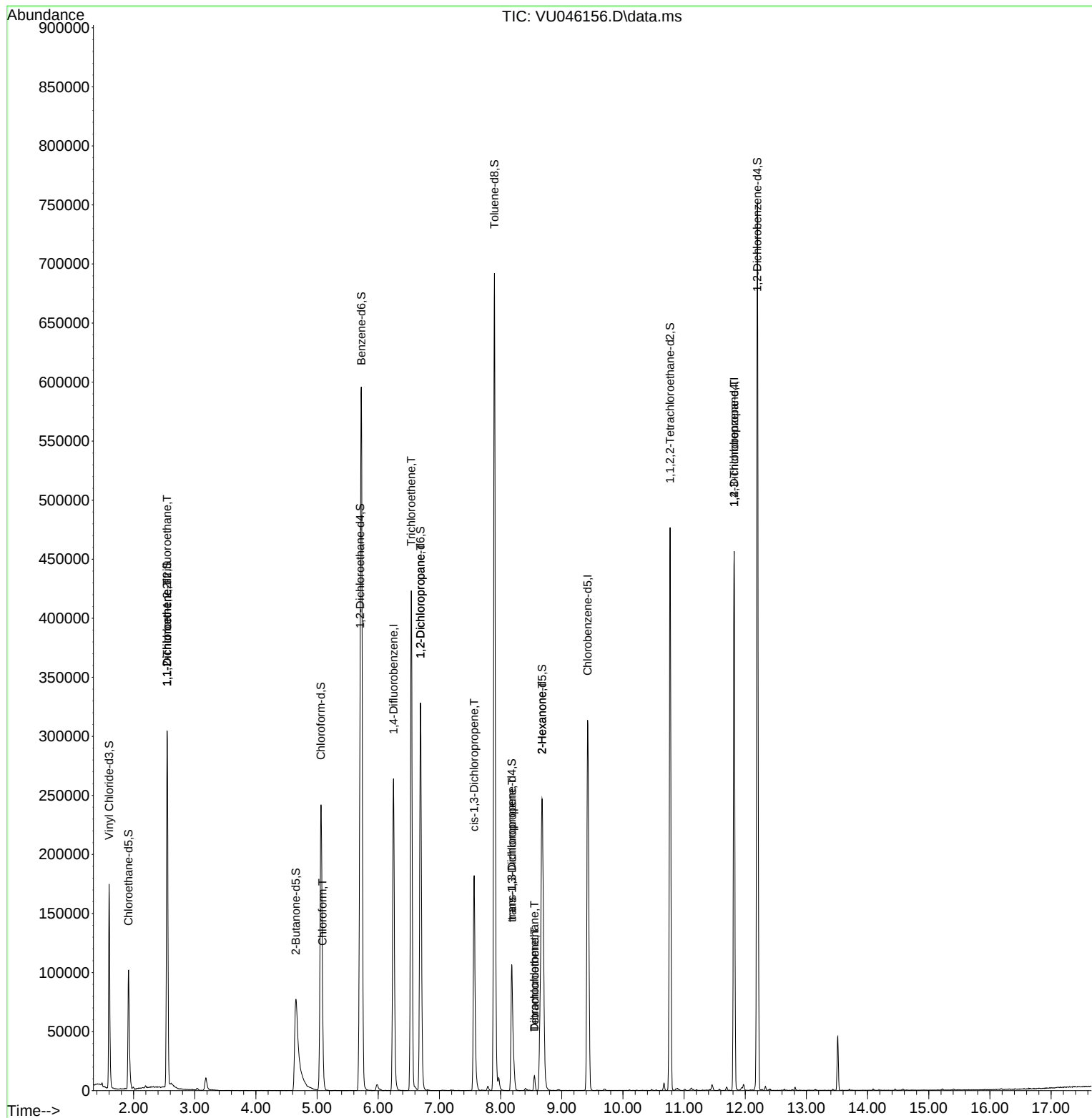
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	241747	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	238605	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123540	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	141398	71.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	142.000%#
7) Chloroethane-d5	1.916	69	96085	62.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.680%
11) 1,1-Dichloroethene-d2	2.549	63	178169	49.839	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.680%
21) 2-Butanone-d5	4.652	46	227840	143.924	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	143.920%#
24) Chloroform-d	5.063	84	232876	70.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.060%#
26) 1,2-Dichloroethane-d4	5.703	65	165018	73.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.880%#
32) Benzene-d6	5.726	84	541814	79.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	158.460%#
36) 1,2-Dichloropropane-d6	6.690	67	166364	78.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	156.980%#
41) Toluene-d8	7.899	98	505387	81.164	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	162.320%#
43) trans-1,3-Dichloroprop...	8.182	79	85573	83.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	167.280%#
47) 2-Hexanone-d5	8.677	63	174200	173.347	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	173.350%#
56) 1,1,2,2-Tetrachloroeth...	10.771	84	243871	75.871	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	151.740%#
66) 1,2-Dichlorobenzene-d4	12.198	152	197512	83.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	166.040%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	1827	1.039	ug/L #	21
12) 1,1-Dichloroethene	2.549	96	1552	0.928	ug/L #	1
25) Chloroform	5.089	83	21541	6.028	ug/L	100
34) Trichloroethene	6.539	95	147047	77.292	ug/L	98
37) 1,2-Dichloropropane	6.690	63	17972	9.500	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4819	1.674	ug/L #	56
44) trans-1,3-Dichloropropene	8.186	75	3486	1.233	ug/L	89
46) Tetrachloroethene	8.555	164	3077	2.201	ug/L	95
48) 2-Hexanone	8.677	43	21277	8.560	ug/L #	64
49) Dibromochloromethane	8.552	129	2754	1.382	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	13889	5.129	ug/L #	64

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

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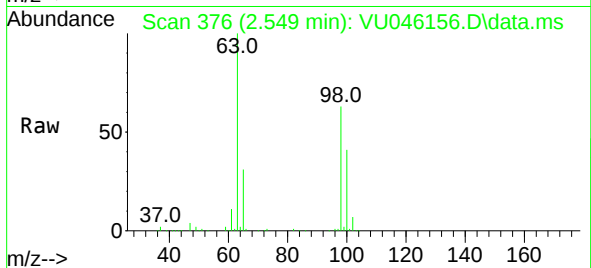
Quant Time: Dec 08 08:11:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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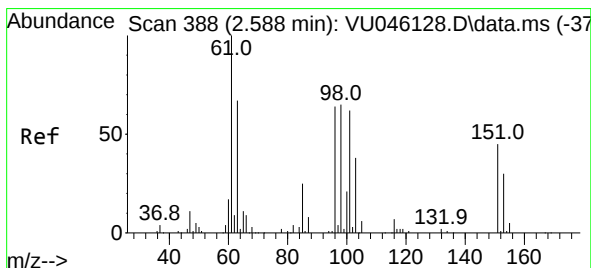
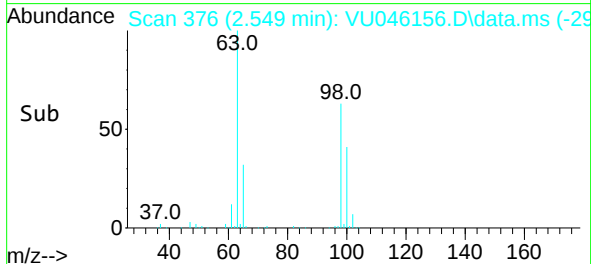
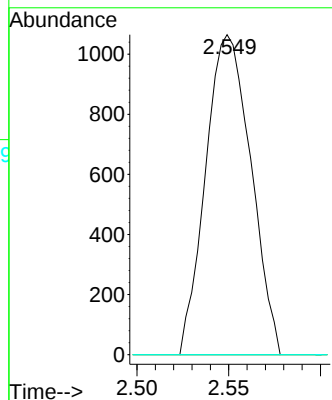


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.039 ug/L
 RT: 2.549 min Scan# 376
 Delta R.T. -0.039 min
 Lab File: VU046156.D
 Acq: 07 Dec 2021 21:48

Instrument :
 MSVOA_U
 ClientSampleId :

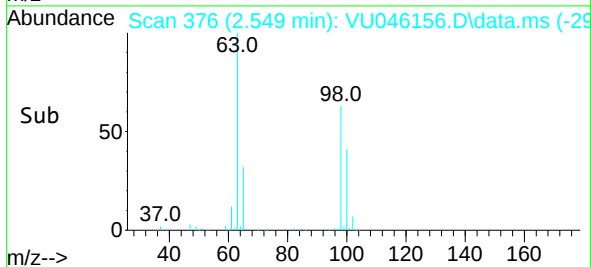
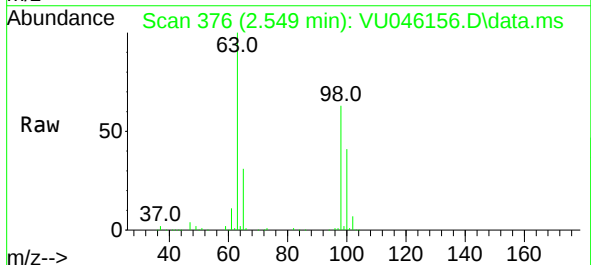
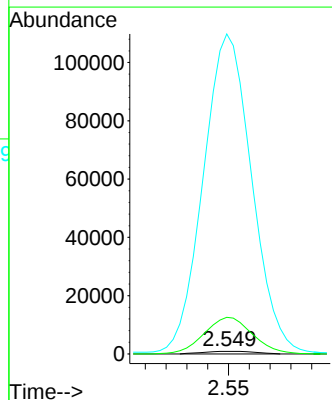


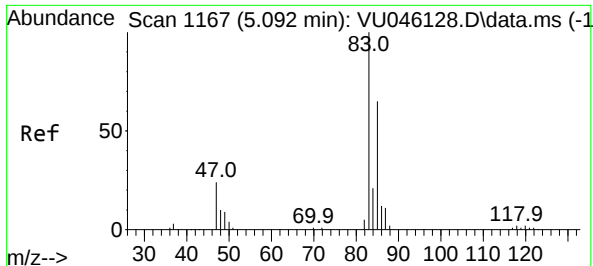
Tgt Ion:101 Resp: 1827
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.928 ug/L
 RT: 2.549 min Scan# 376
 Delta R.T. -0.035 min
 Lab File: VU046156.D
 Acq: 07 Dec 2021 21:48

Tgt Ion: 96 Resp: 1552
 Ion Ratio Lower Upper
 96 100
 61 1410.8 118.6 220.2#
 63 12322.3 93.0 172.8#





#25

Chloroform

Concen: 6.028 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046156.D

Acq: 07 Dec 2021 21:48

Instrument :

MSVOA_U

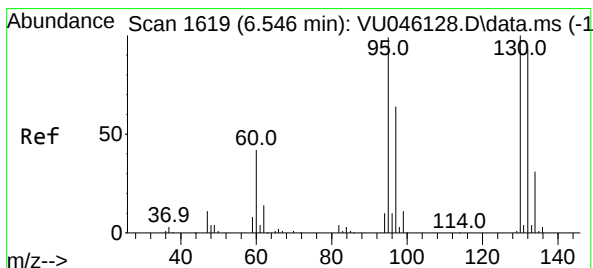
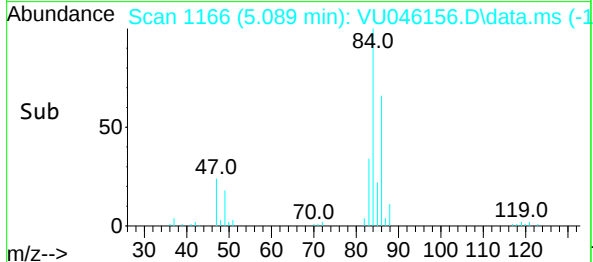
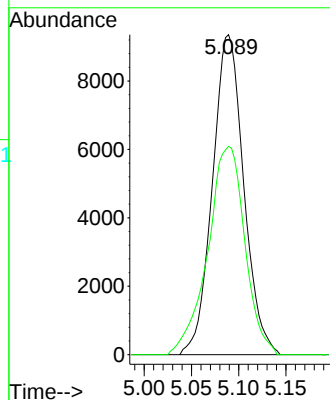
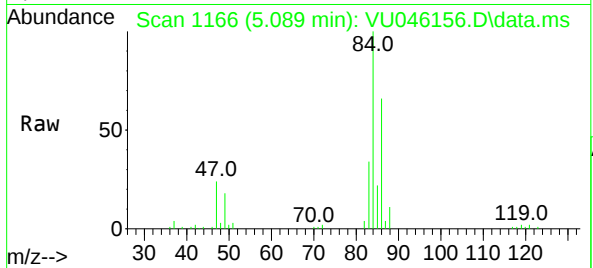
ClientSampleId :

Tgt Ion: 83 Resp: 21541

Ion Ratio Lower Upper

83 100

85 65.1 45.8 85.2



#34

Trichloroethene

Concen: 77.292 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.006 min

Lab File: VU046156.D

Acq: 07 Dec 2021 21:48

Tgt Ion: 95 Resp: 147047

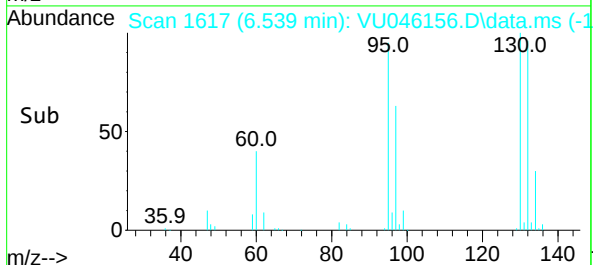
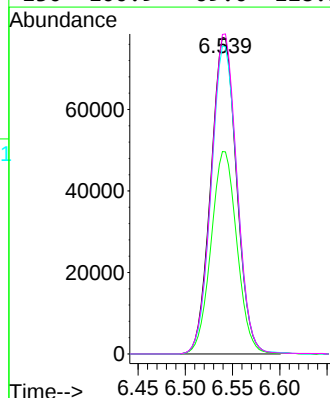
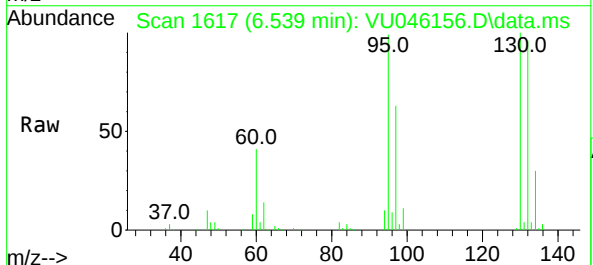
Ion Ratio Lower Upper

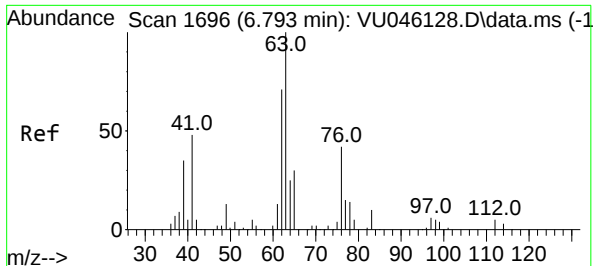
95 100

97 63.9 44.1 81.9

132 97.3 66.8 124.0

130 100.9 69.0 128.1

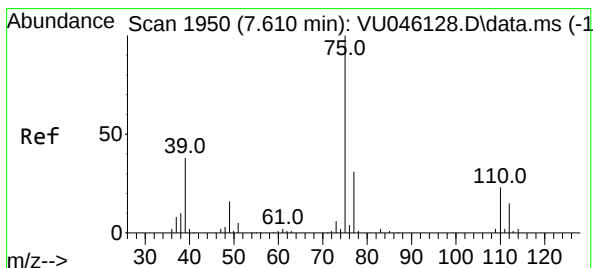
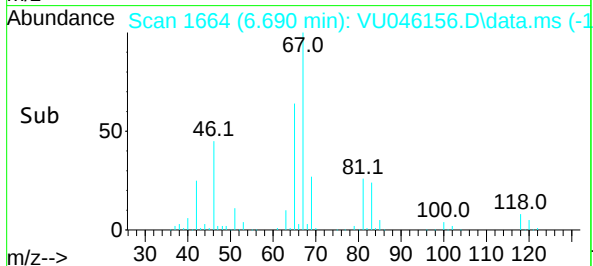
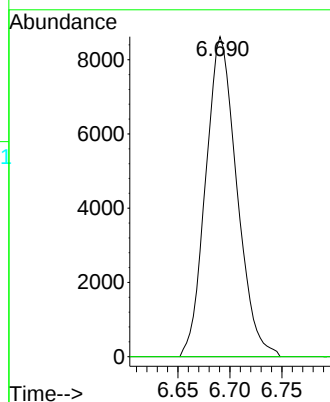
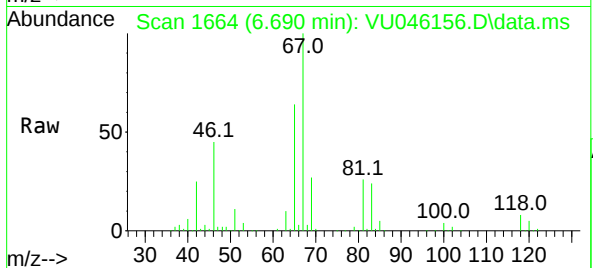




#37
1,2-Dichloropropane
Concen: 9.500 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU046156.D
Acq: 07 Dec 2021 21:48

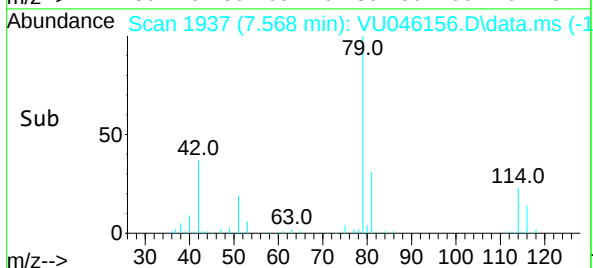
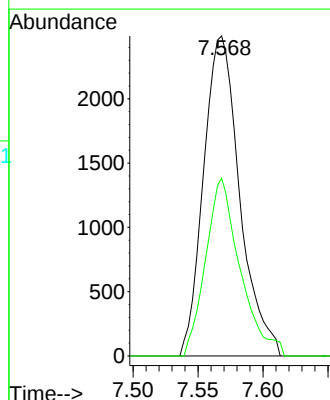
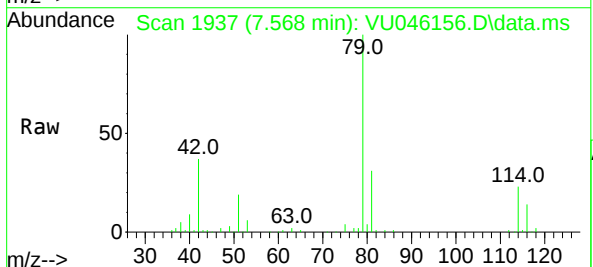
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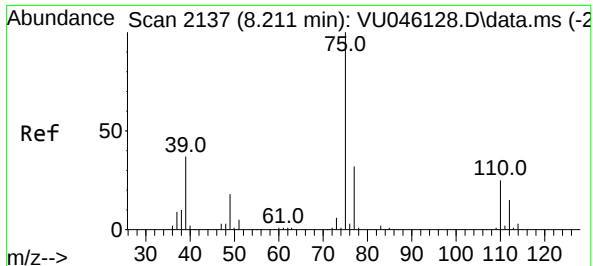
Tgt Ion: 63 Resp: 17972
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.674 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046156.D
Acq: 07 Dec 2021 21:48

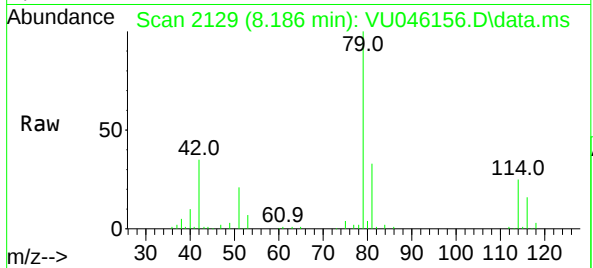
Tgt Ion: 75 Resp: 4819
Ion Ratio Lower Upper
75 100
77 55.6 21.8 40.6#



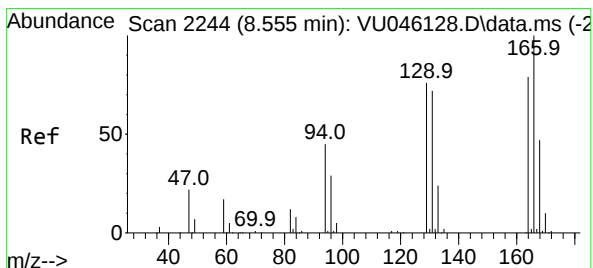
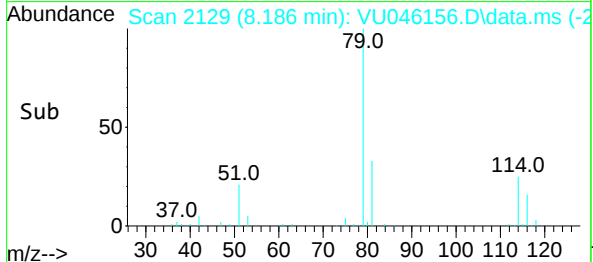
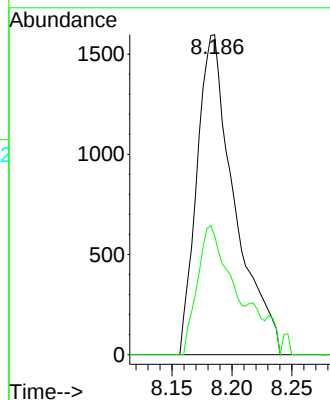


#44
trans-1,3-Dichloropropene
Concen: 1.233 ug/L
RT: 8.186 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046156.D
Acq: 07 Dec 2021 21:48

Instrument :
MSVOA_U
ClientSampleId :

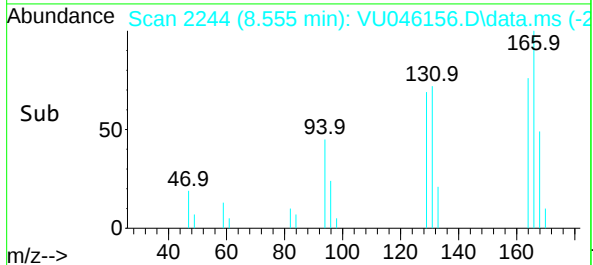
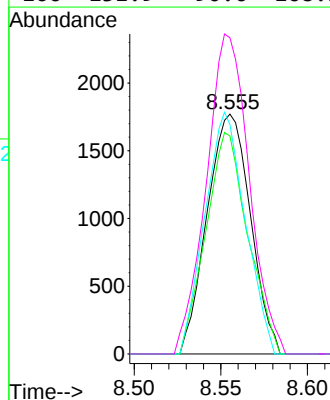
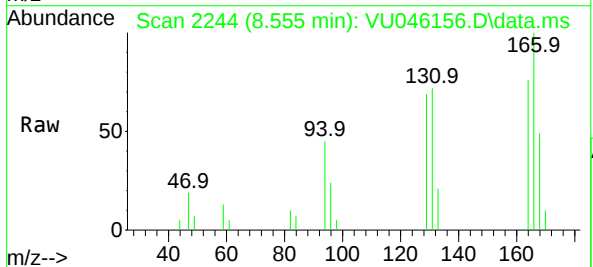


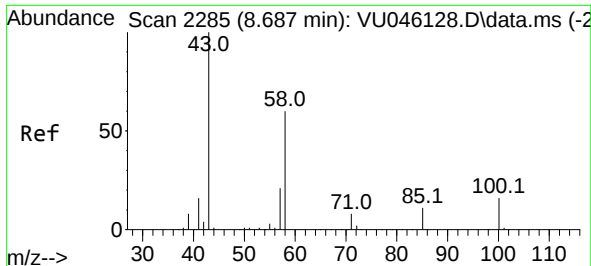
Tgt Ion: 75 Resp: 3486
Ion Ratio Lower Upper
75 100
77 37.2 21.7 40.3



#46
Tetrachloroethene
Concen: 2.201 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046156.D
Acq: 07 Dec 2021 21:48

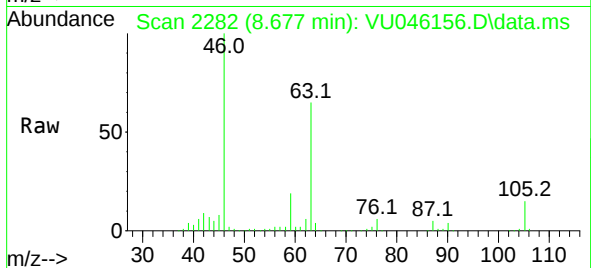
Tgt Ion:164 Resp: 3077
Ion Ratio Lower Upper
164 100
129 90.9 71.1 132.1
131 95.6 67.8 126.0
166 131.9 90.6 168.2



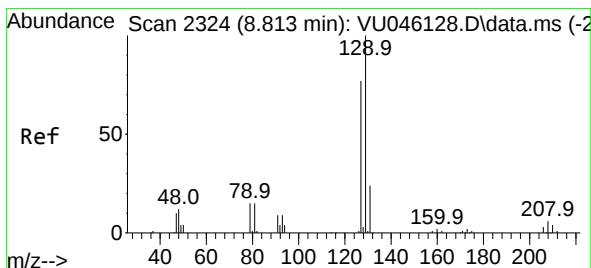
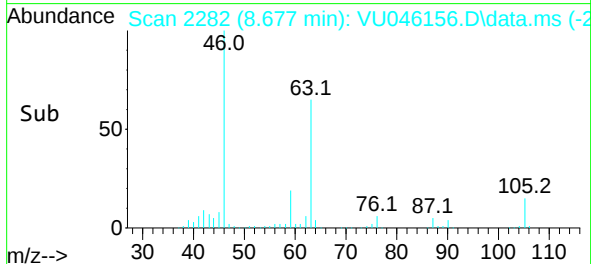
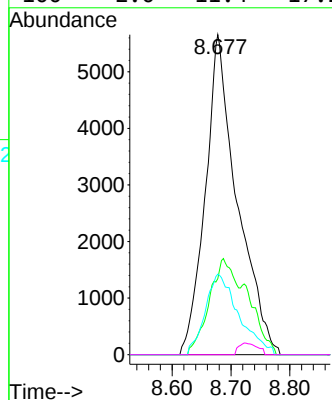


#48
2-Hexanone
Concen: 8.560 ug/L
RT: 8.677 min Scan# 21277
Delta R.T. -0.010 min
Lab File: VU046156.D
Acq: 07 Dec 2021 21:48

Instrument :
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ClientSampleId :

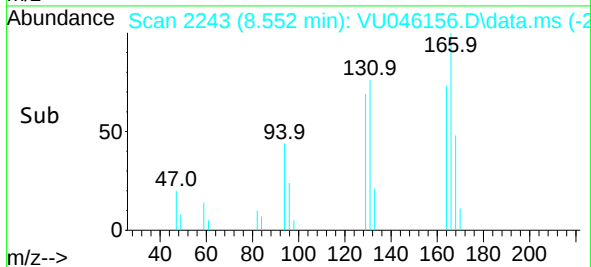
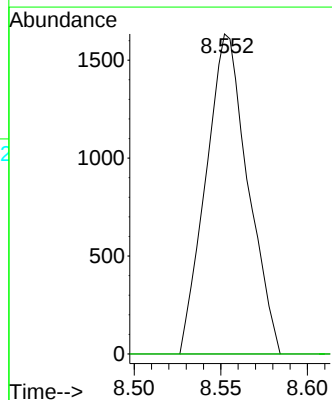
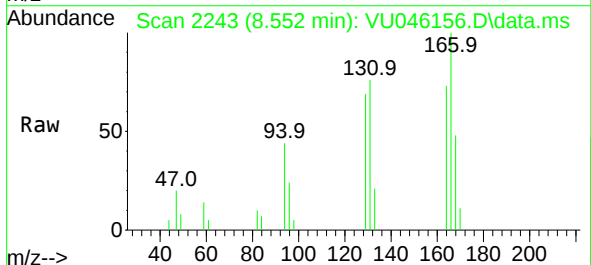


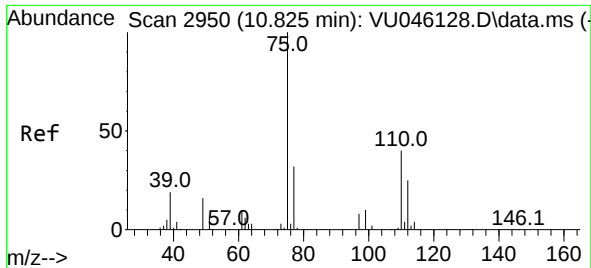
Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.4	47.4	71.2#
57	16.3	16.6	25.0#
100	2.0	11.4	17.2#



#49
Dibromochloromethane
Concen: 1.382 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046156.D
Acq: 07 Dec 2021 21:48

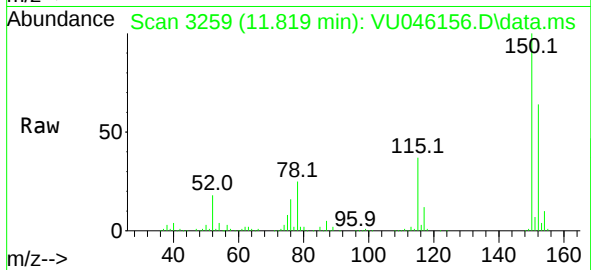
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.129 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU046156.D
 Acq: 07 Dec 2021 21:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	13889
Ion	Ratio	Lower Upper
75	100	
77	31.1	26.4 39.6
110	2.2	32.4 48.6#

