

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046441.D
 Acq On : 16 Dec 2021 23:39
 Operator : SY/MD
 Sample : M5101-19ME
 Misc : 7.11g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:05:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

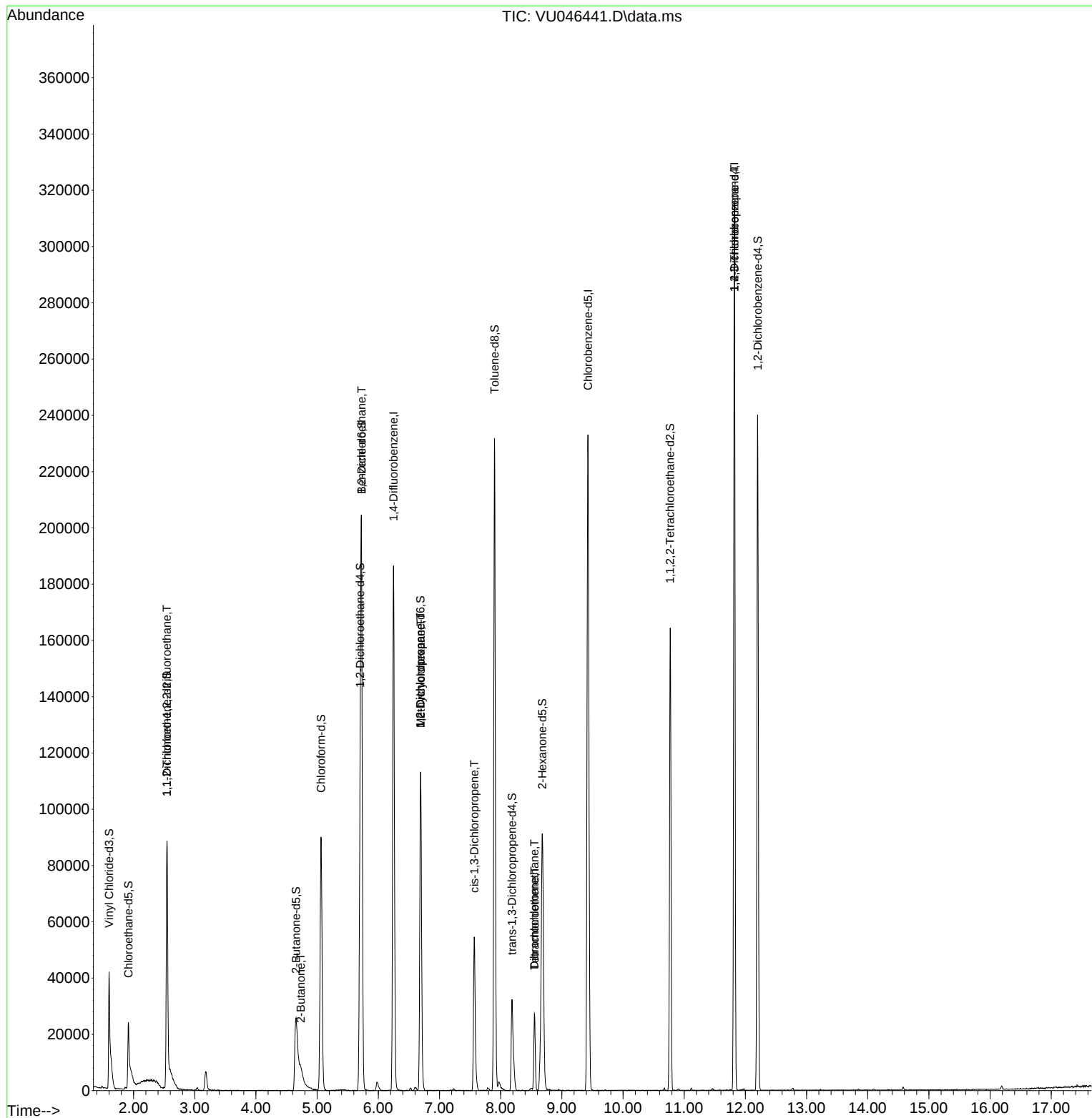
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155528	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	166111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	81728	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49937	38.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.960%
7) Chloroethane-d5	1.916	69	33018	33.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.140%#
11) 1,1-Dichloroethene-d2	2.546	63	64890	28.214	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.420%#
21) 2-Butanone-d5	4.655	46	70928	69.642	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.640%
24) Chloroform-d	5.063	84	87363	40.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.660%
26) 1,2-Dichloroethane-d4	5.703	65	61751	43.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
32) Benzene-d6	5.726	84	176922	37.160	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.320%
36) 1,2-Dichloropropane-d6	6.690	67	55889	37.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.760%
41) Toluene-d8	7.899	98	158565	36.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.160%#
43) trans-1,3-Dichloroprop...	8.185	79	26573	37.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.620%
47) 2-Hexanone-d5	8.681	63	54549	77.972	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.970%
56) 1,1,2,2-Tetrachloroeth...	10.770	84	81055	36.223	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.440%
66) 1,2-Dichlorobenzene-d4	12.201	152	62431	39.666	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.340%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	433	0.383	ug/L #	21
22) 2-Butanone	4.735	43	9000	6.495	ug/L #	72
27) 1,2-Dichloroethane	5.726	62	949	0.556	ug/L #	73
35) Methylcyclohexane	6.693	83	13808	6.724	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	6290	4.776	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1576	0.787	ug/L #	72
46) Tetrachloroethene	8.555	164	6397	6.572	ug/L	84
49) Dibromochloromethane	8.552	129	5445	3.924	ug/L #	10
60) 1,2,3-Trichloropropane	11.822	75	9792	5.466	ug/L #	64

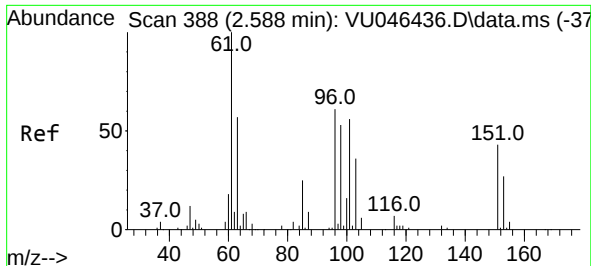
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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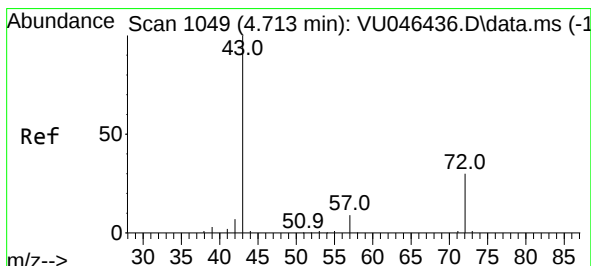
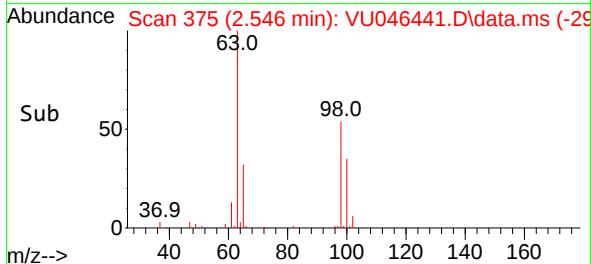
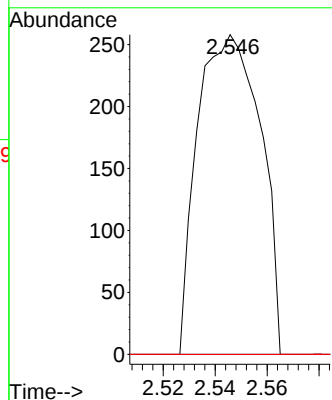
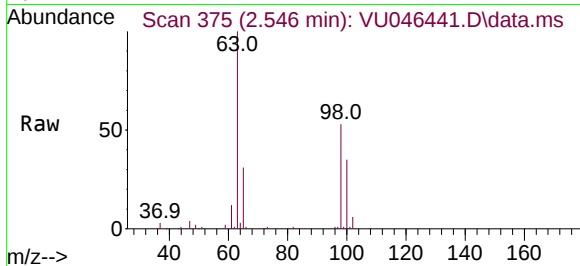




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.383 ug/L
RT: 2.546 min Scan# 31
Delta R.T. -0.042 min
Lab File: VU046441.D
Acq: 16 Dec 2021 23:39

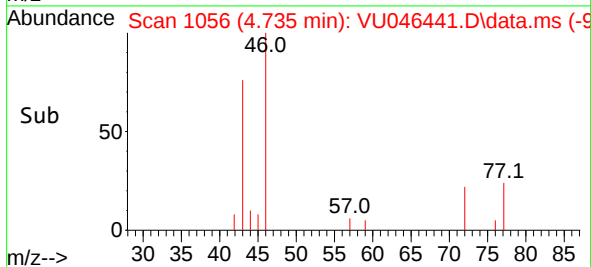
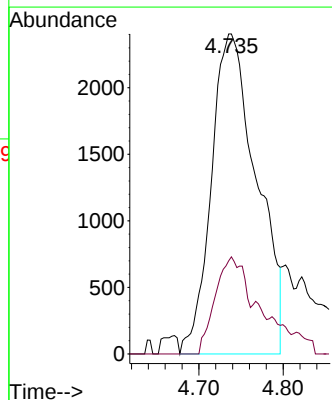
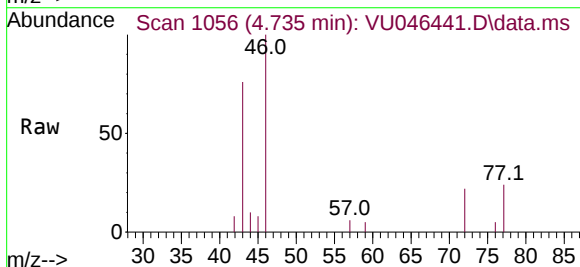
Instrument :
MSVOA_U
ClientSampleId :

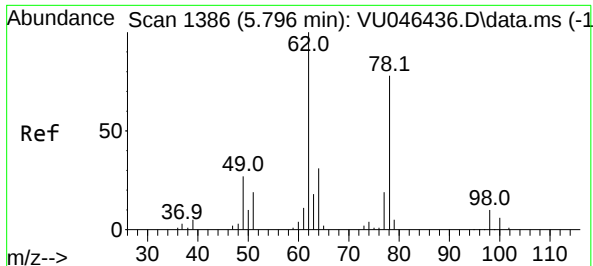
Tgt Ion:101 Resp: 433
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#22
2-Butanone
Concen: 6.495 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.022 min
Lab File: VU046441.D
Acq: 16 Dec 2021 23:39

Tgt Ion: 43 Resp: 9000
Ion Ratio Lower Upper
43 100
72 14.3 14.5 43.6#

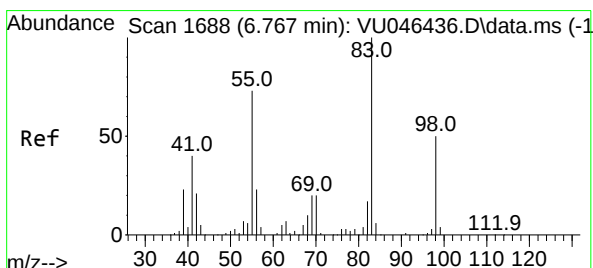
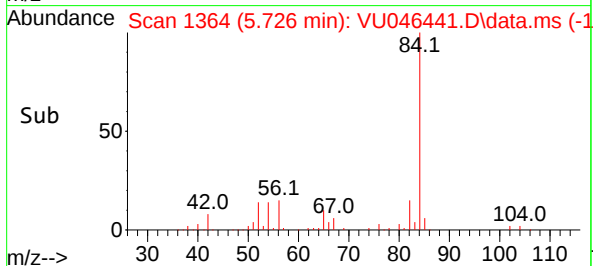
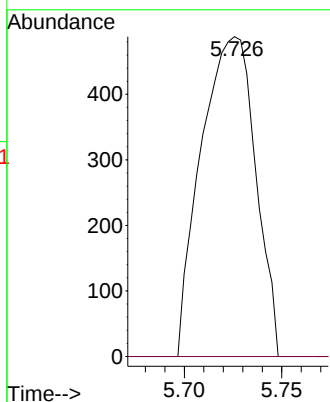
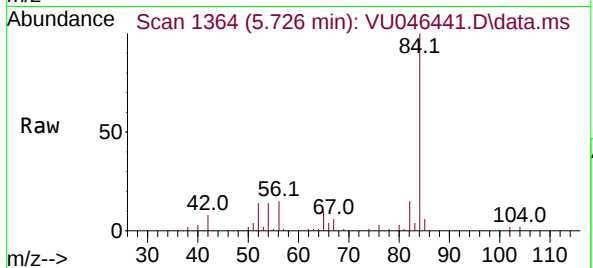




#27
 1,2-Dichloroethane
 Concen: 0.556 ug/L
 RT: 5.726 min Scan# 11
 Delta R.T. -0.071 min
 Lab File: VU046441.D
 Acq: 16 Dec 2021 23:39

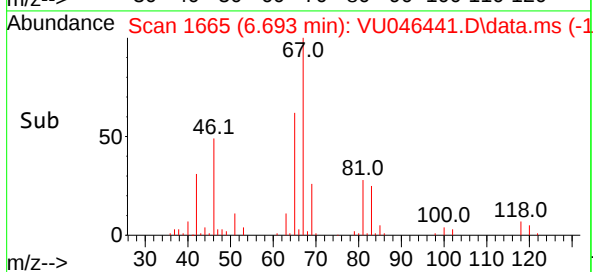
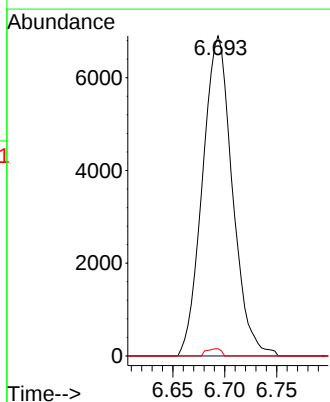
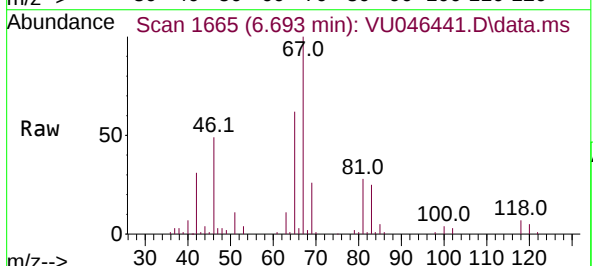
Instrument :
 MSVOA_U
 ClientSampleId :

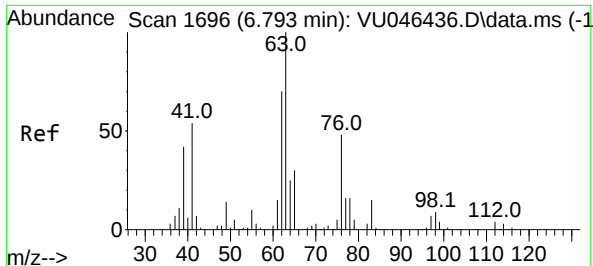
Tgt Ion: 62 Resp: 949
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#35
 Methylcyclohexane
 Concen: 6.724 ug/L
 RT: 6.693 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046441.D
 Acq: 16 Dec 2021 23:39

Tgt Ion: 83 Resp: 13808
 Ion Ratio Lower Upper
 83 100
 55 0.5 57.8 86.6#
 98 1.1 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.776 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046441.D

Acq: 16 Dec 2021 23:39

Instrument :

MSVOA_U

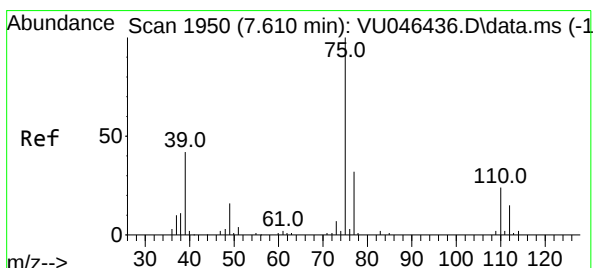
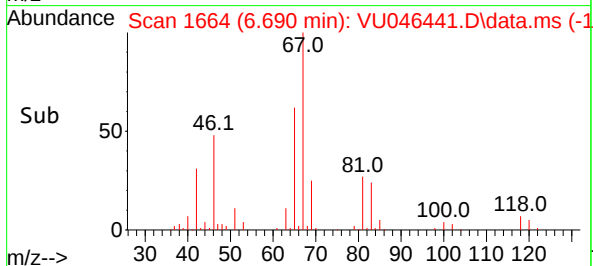
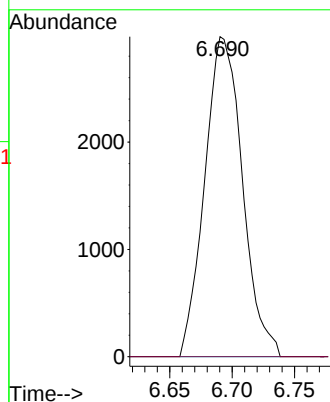
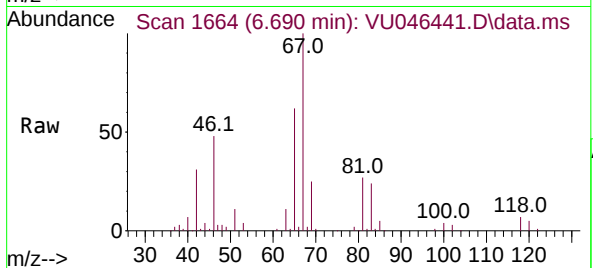
ClientSampleId :

Tgt Ion: 63 Resp: 6290

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.787 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046441.D

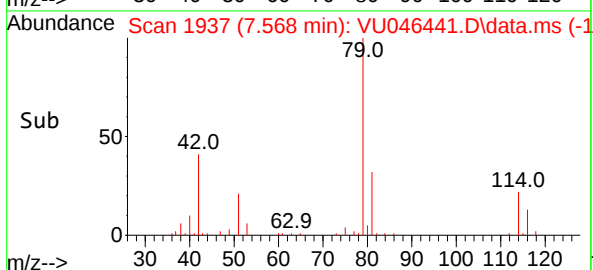
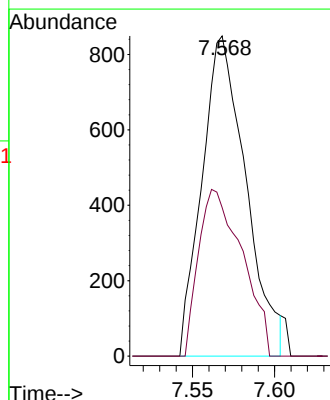
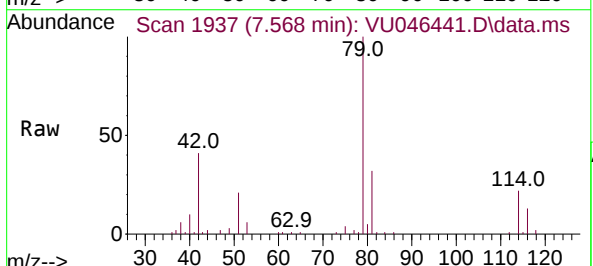
Acq: 16 Dec 2021 23:39

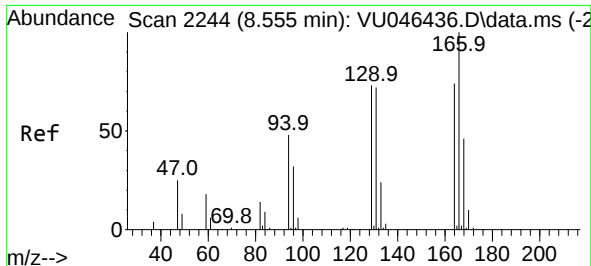
Tgt Ion: 75 Resp: 1576

Ion Ratio Lower Upper

75 100

77 46.4 21.8 40.6#





#46

Tetrachloroethene

Concen: 6.572 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

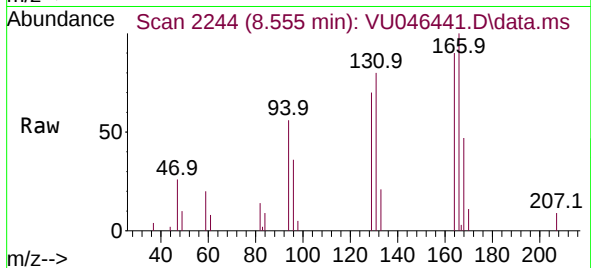
Lab File: VU046441.D

Acq: 16 Dec 2021 23:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 6397

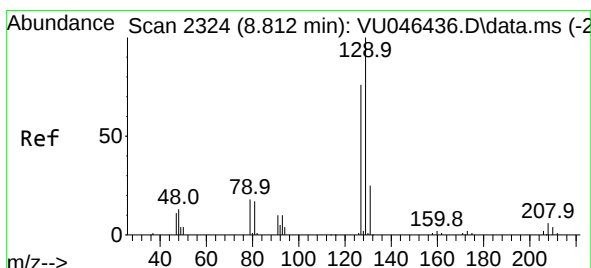
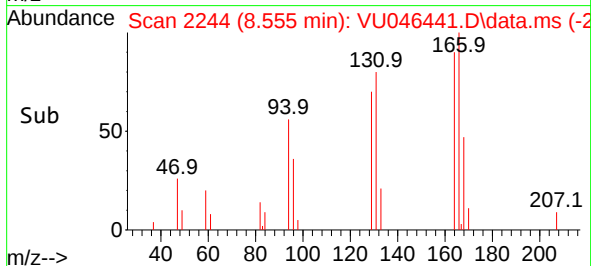
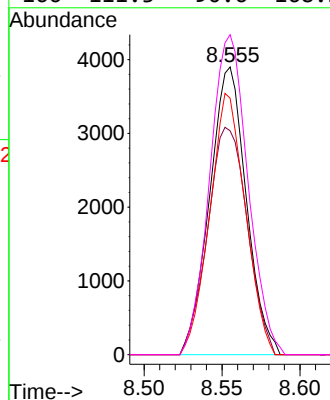
Ion Ratio Lower Upper

164 100

129 77.8 71.1 132.1

131 89.2 67.8 126.0

166 111.3 90.6 168.2



#49

Dibromochloromethane

Concen: 3.924 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU046441.D

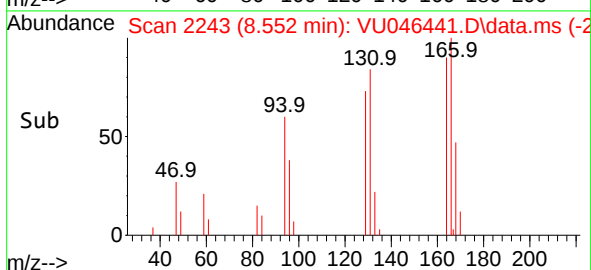
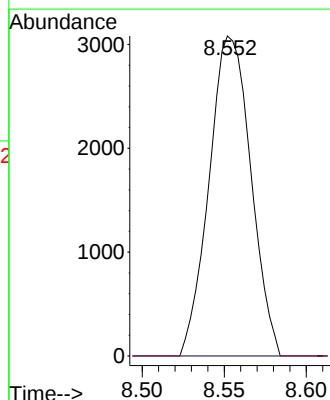
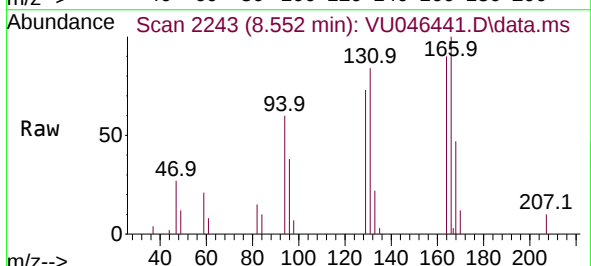
Acq: 16 Dec 2021 23:39

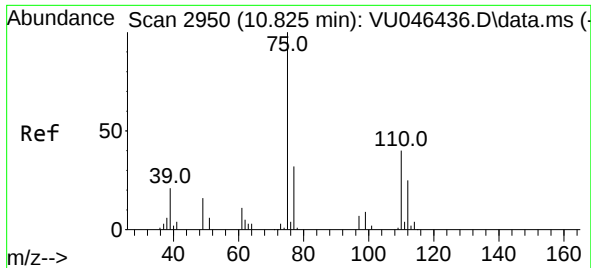
Tgt Ion:129 Resp: 5445

Ion Ratio Lower Upper

129 100

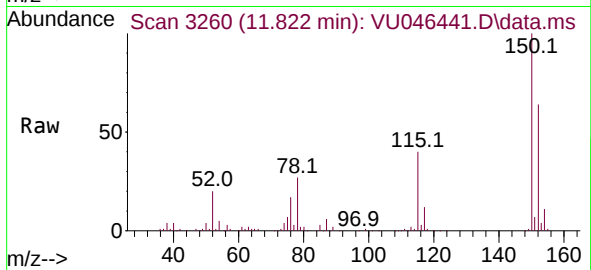
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.466 ug/L
 RT: 11.822 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU046441.D
 Acq: 16 Dec 2021 23:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9792
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.4 39.6
 110 1.3 32.4 48.6#

