

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046383.D
 Acq On : 15 Dec 2021 01:31
 Operator : SY/MD
 Sample : M5023-20MEDL 100X
 Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8MEDL

Quant Time: Dec 15 03:47:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

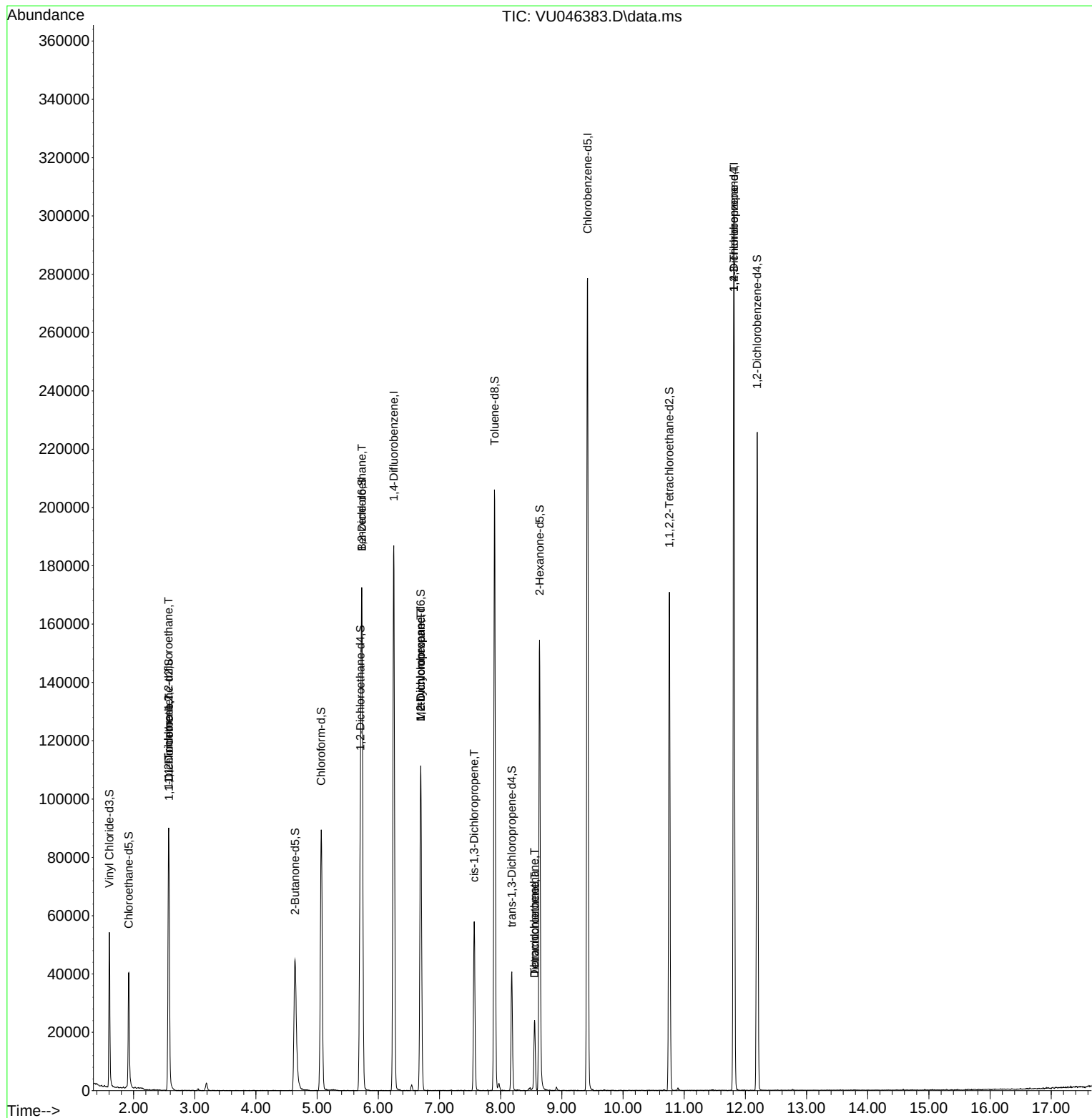
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	150427	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	155008	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76753	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40218	32.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.920%		
7) Chloroethane-d5	1.919	69	32595	34.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.520%#		
11) 1,1-Dichloroethene-d2	2.575	63	54046	24.296	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.600%#		
21) 2-Butanone-d5	4.639	46	76186	77.342	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.340%		
24) Chloroform-d	5.066	84	84782	40.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.940%		
26) 1,2-Dichloroethane-d4	5.706	65	57476	41.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.780%		
32) Benzene-d6	5.732	84	160458	36.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.240%		
36) 1,2-Dichloropropane-d6	6.693	67	52119	37.852	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.700%		
41) Toluene-d8	7.899	98	134734	33.308	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.620%#		
43) trans-1,3-Dichloroprop...	8.182	79	23683	35.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.260%		
47) 2-Hexanone-d5	8.635	63	55581	85.137	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.140%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82283	39.405	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.820%		
66) 1,2-Dichlorobenzene-d4	12.192	152	57480	38.887	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.780%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	422	0.386	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	517	0.497	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	846	0.513	ug/L #	73
35) Methylcyclohexane	6.693	83	13190	6.883	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5776	4.700	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1484	0.794	ug/L #	80
46) Tetrachloroethene	8.555	164	5157	5.678	ug/L	98
49) Dibromochloromethane	8.552	129	5087	3.929	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9443	5.613	ug/L #	65

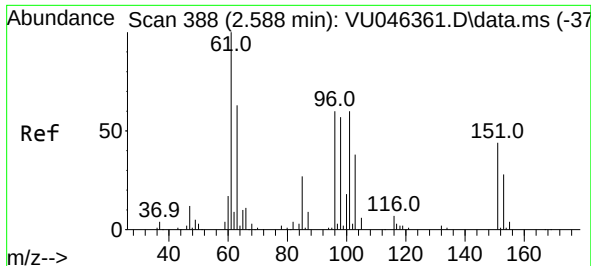
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
Data File : VU046383.D
Acq On : 15 Dec 2021 01:31
Operator : SY/MD
Sample : M5023-20MEDL 100X
Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKZ8MEDL

Quant Time: Dec 15 03:47:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 15 03:40:56 2021
Response via : Initial Calibration

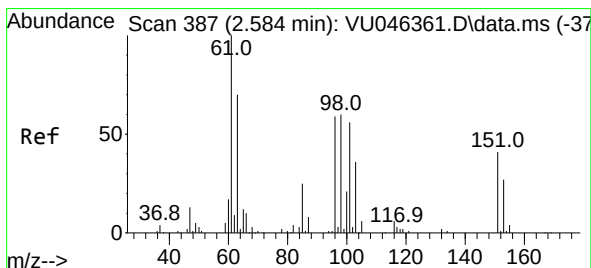
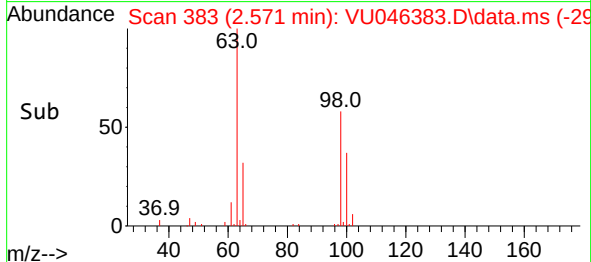
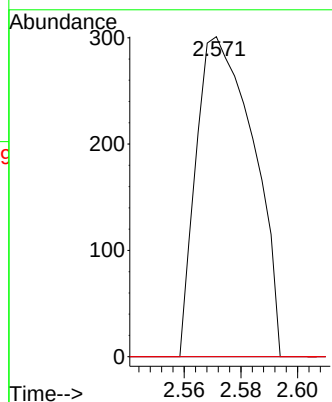
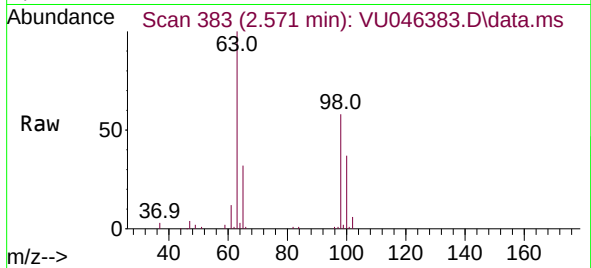




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.386 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046383.D
Acq: 15 Dec 2021 01:31

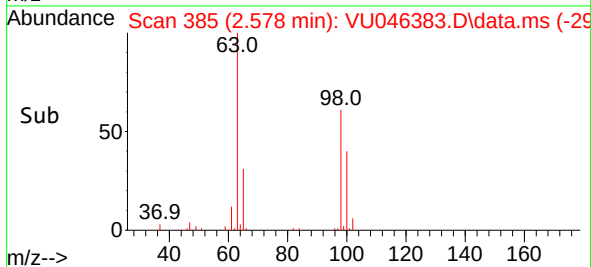
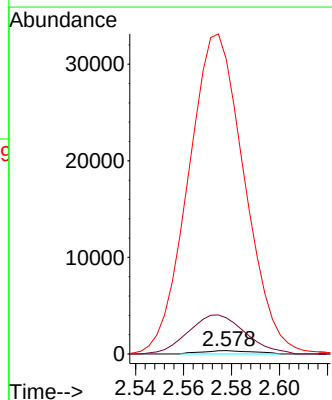
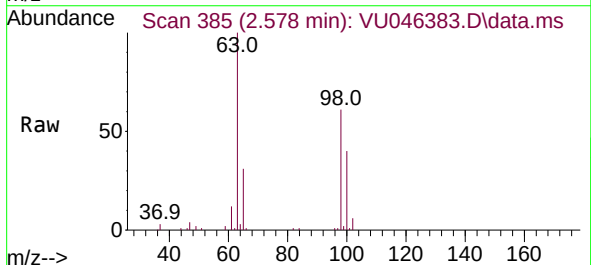
Instrument :
MSVOA_U
ClientSampleId :
BGKZ8MEDL

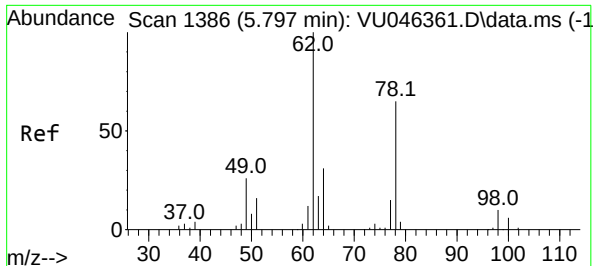
Tgt Ion:101 Resp: 422
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.497 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU046383.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 96 Resp: 517
Ion Ratio Lower Upper
96 100
61 1070.6 118.6 220.2#
63 8717.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.513 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.065 min

Lab File: VU046383.D

Acq: 15 Dec 2021 01:31

Instrument :

MSVOA_U

ClientSampleId :

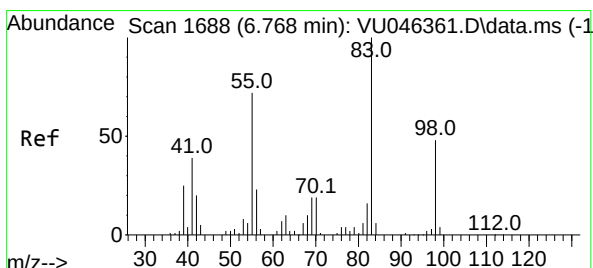
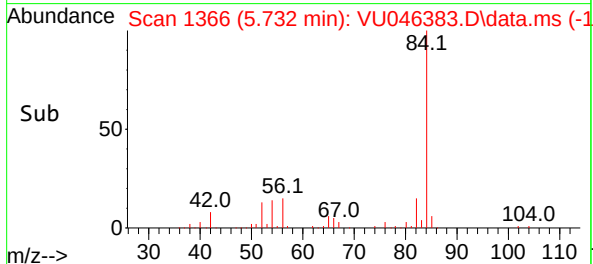
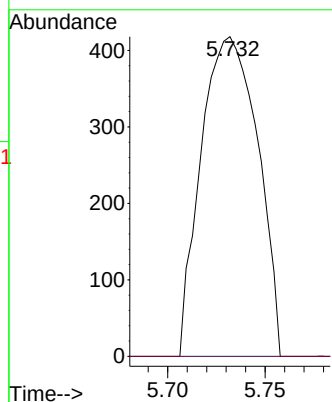
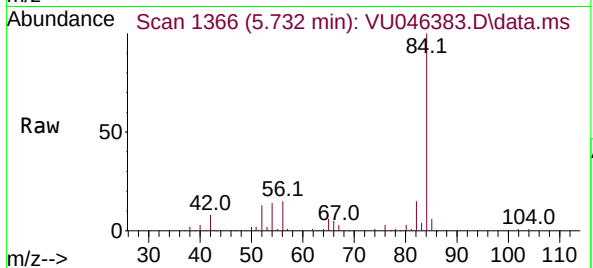
BGKZ8MEDL

Tgt Ion: 62 Resp: 846

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 6.883 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046383.D

Acq: 15 Dec 2021 01:31

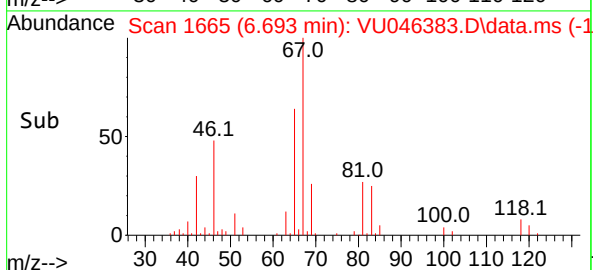
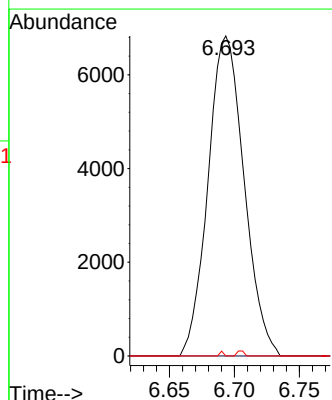
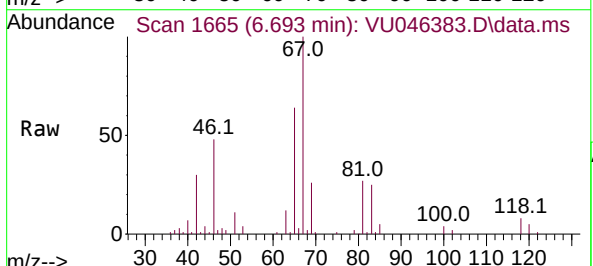
Tgt Ion: 83 Resp: 13190

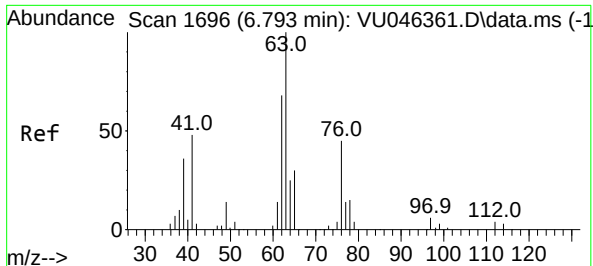
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.700 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046383.D

Acq: 15 Dec 2021 01:31

Instrument :

MSVOA_U

ClientSampleId :

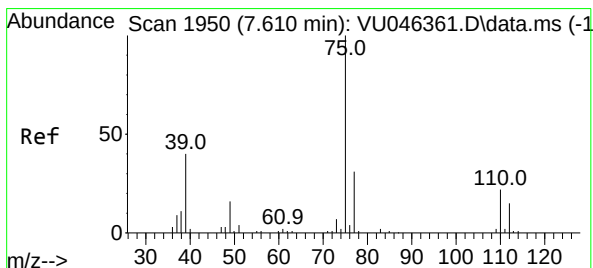
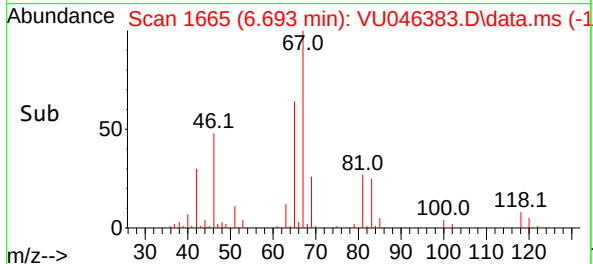
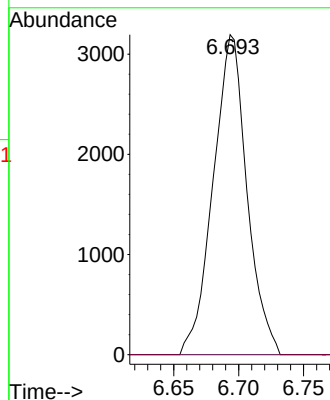
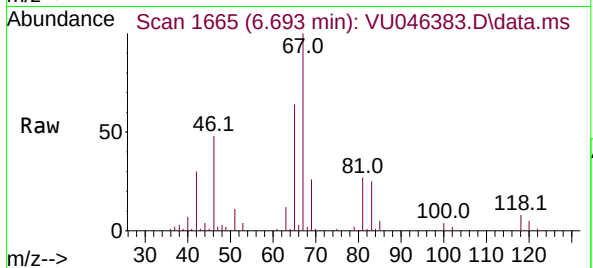
BGKZ8MEDL

Tgt Ion: 63 Resp: 5776

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046383.D

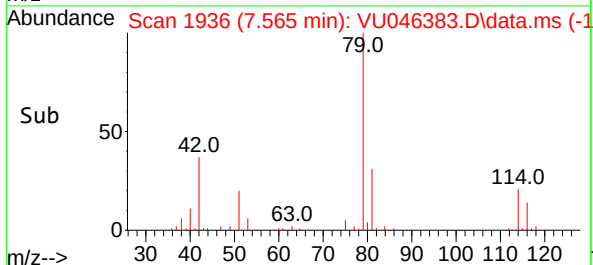
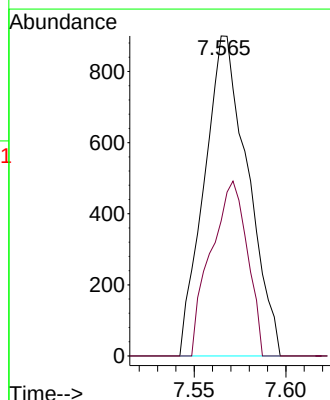
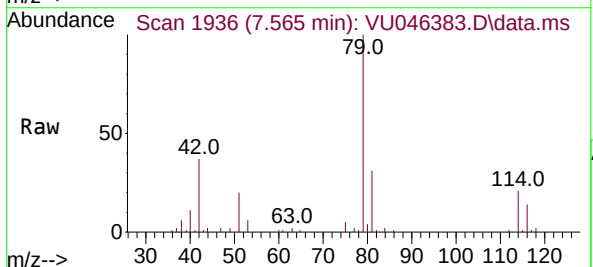
Acq: 15 Dec 2021 01:31

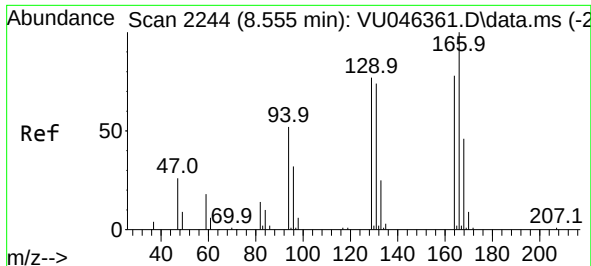
Tgt Ion: 75 Resp: 1484

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.6#

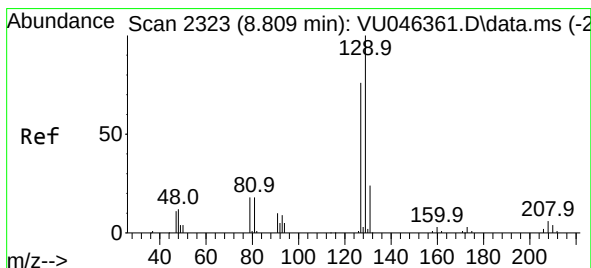
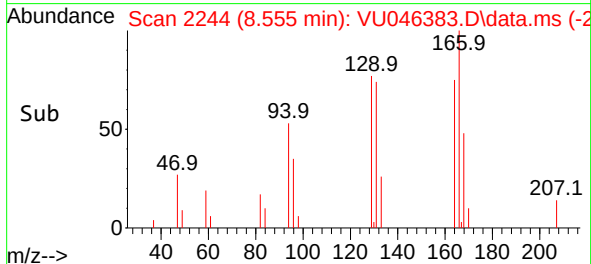
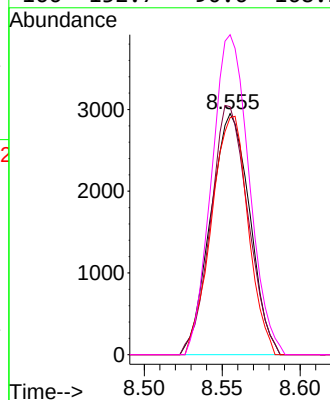
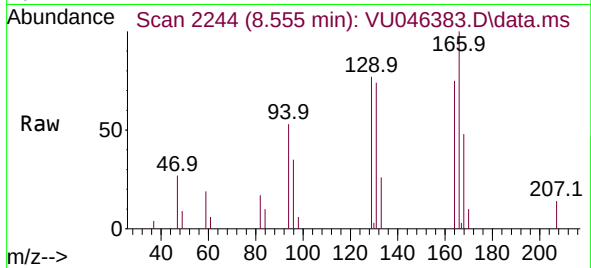




#46
Tetrachloroethene
Concen: 5.678 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046383.D
Acq: 15 Dec 2021 01:31

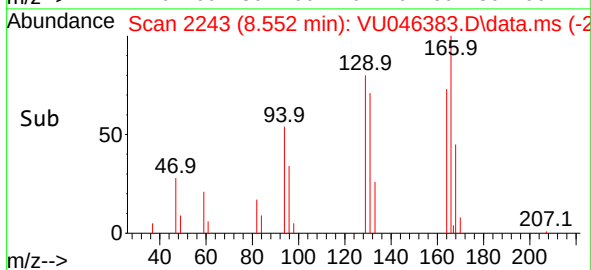
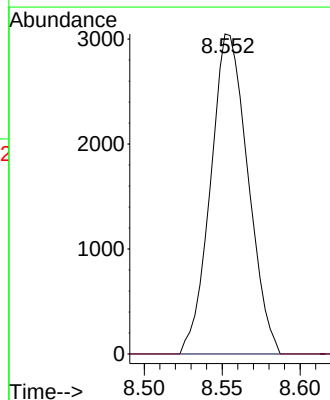
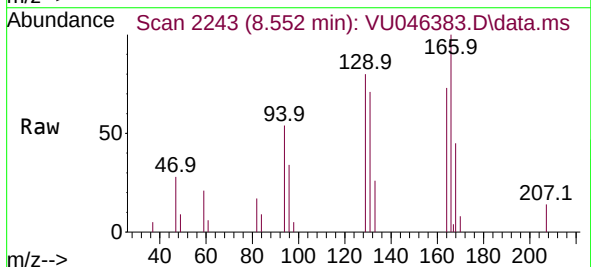
Instrument :
MSVOA_U
ClientSampleId :
BGKZ8MEDL

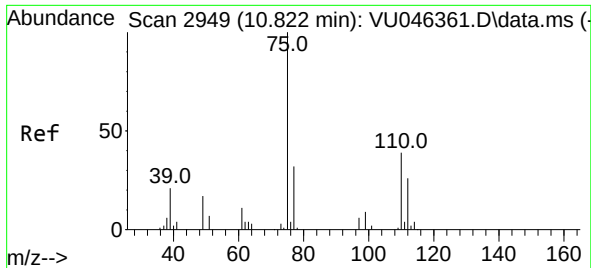
Tgt Ion:	164	Resp:	5157
Ion Ratio	Lower	Upper	
164	100		
129	102.8	71.1	132.1
131	98.3	67.8	126.0
166	132.7	90.6	168.2



#49
Dibromochloromethane
Concen: 3.929 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU046383.D
Acq: 15 Dec 2021 01:31

Tgt Ion:	129	Resp:	5087
Ion Ratio	Lower	Upper	
129	100		
127	0.0	55.6	103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.613 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046383.D
 Acq: 15 Dec 2021 01:31

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8MEDL

Tgt Ion: 75 Resp: 9443
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.4 39.6
 110 2.5 32.4 48.6#

