

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046354.D
 Acq On : 14 Dec 2021 14:35
 Operator : SY/MD
 Sample : M5023-20MEDL 100X
 Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8MEDL

Quant Time: Dec 15 01:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

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

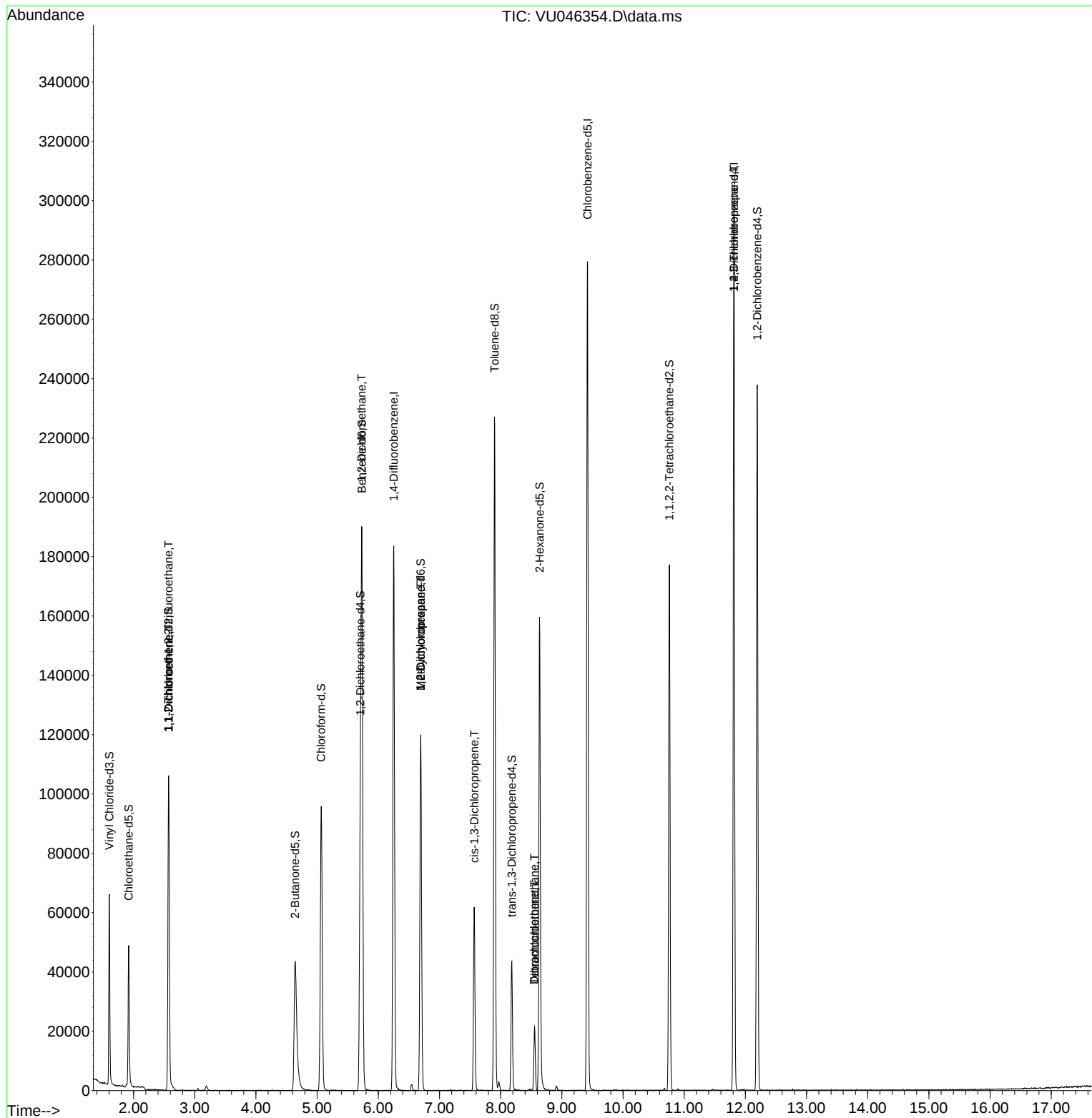
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147500	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47606	39.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.360%		
7) Chloroethane-d5	1.919	69	36791	39.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.880%		
11) 1,1-Dichloroethene-d2	2.571	63	64397	29.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.040%#		
21) 2-Butanone-d5	4.639	46	80428	83.268	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.270%		
24) Chloroform-d	5.067	84	91757	45.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
26) 1,2-Dichloroethane-d4	5.706	65	61636	45.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.520%		
32) Benzene-d6	5.732	84	175668	40.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.160%		
36) 1,2-Dichloropropane-d6	6.693	67	55876	41.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.260%		
41) Toluene-d8	7.899	98	148387	37.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.360%#		
43) trans-1,3-Dichloroprop...	8.182	79	25741	39.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.500%		
47) 2-Hexanone-d5	8.636	63	57576	89.389	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.390%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85333	41.420	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.840%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60252	41.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	492	0.458	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	530	0.520	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	949	0.587	ug/L #	73
35) Methylcyclohexane	6.693	83	13955	7.381	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6099	5.030	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1467	0.795	ug/L #	53
46) Tetrachloroethene	8.552	164	4406	4.917	ug/L	94
49) Dibromochloromethane	8.552	129	4459	3.491	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9097	5.477	ug/L #	66

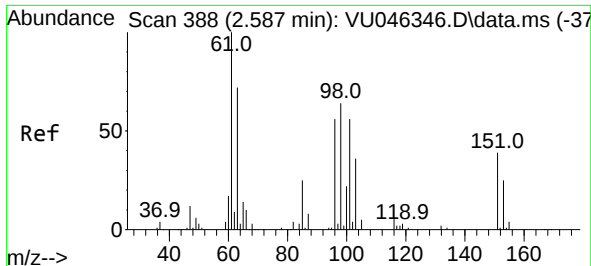
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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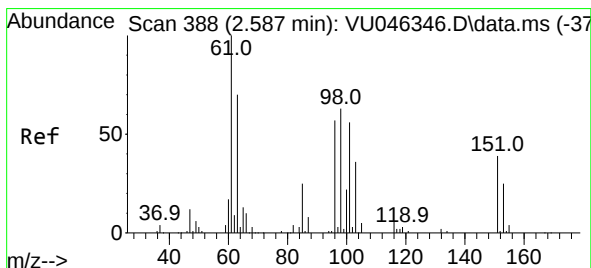
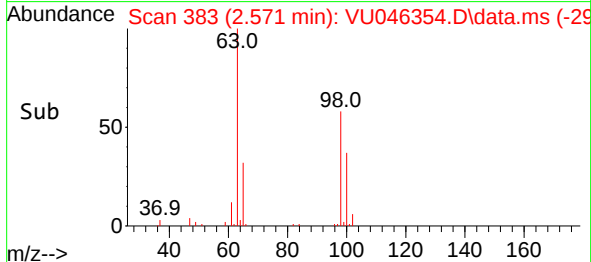
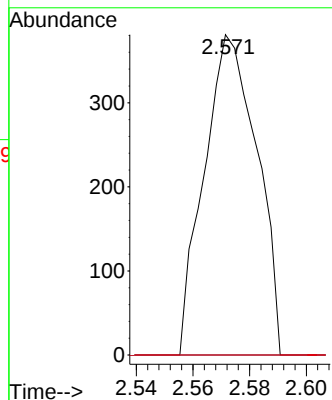
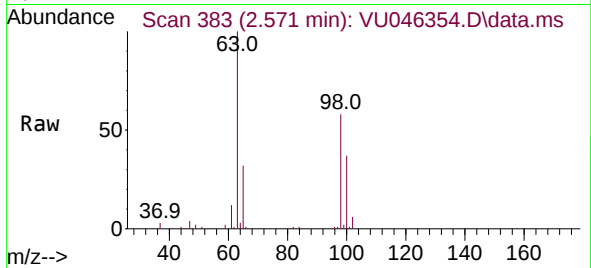




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.458 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046354.D
Acq: 14 Dec 2021 14:35

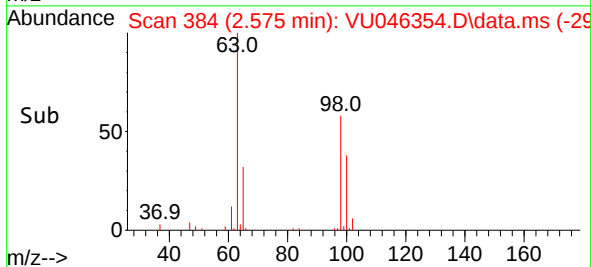
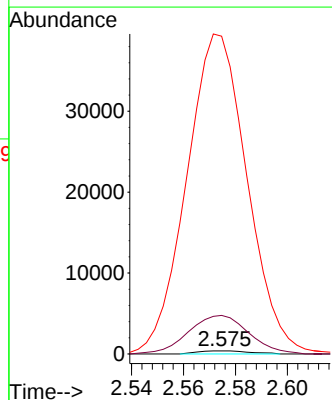
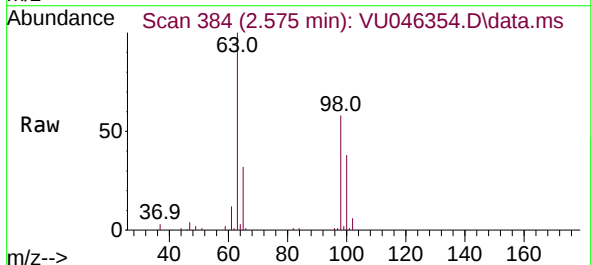
Instrument :
MSVOA_U
ClientSampleId :
BGKZ8MEDL

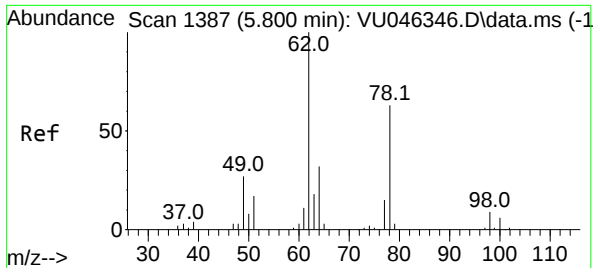
Tgt Ion:101 Resp: 492
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.520 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046354.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 96 Resp: 530
Ion Ratio Lower Upper
96 100
61 1253.4 118.6 220.2#
63 10336.8 93.0 172.8#

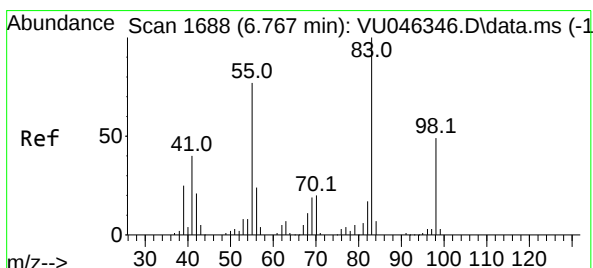
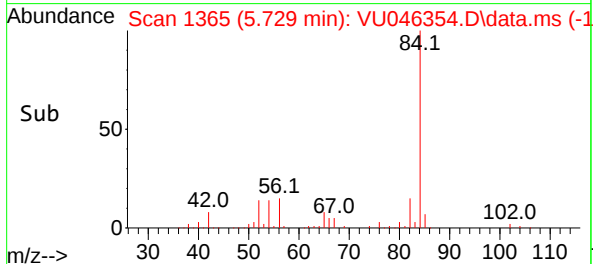
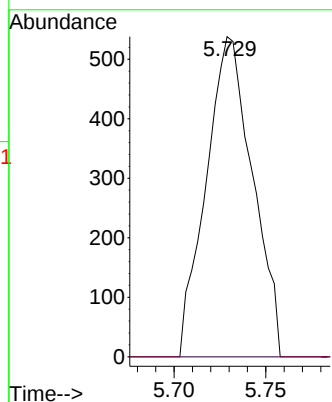
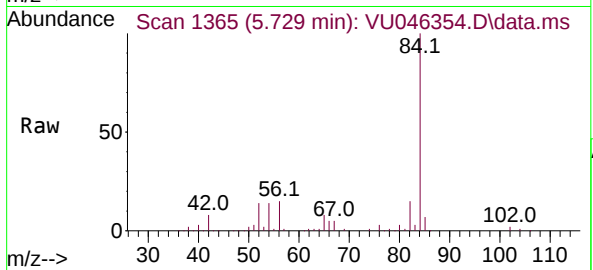




#27
1,2-Dichloroethane
Concen: 0.587 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046354.D
Acq: 14 Dec 2021 14:35

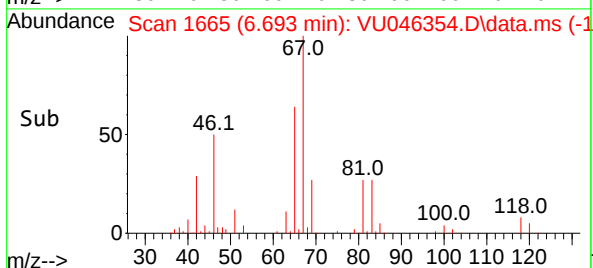
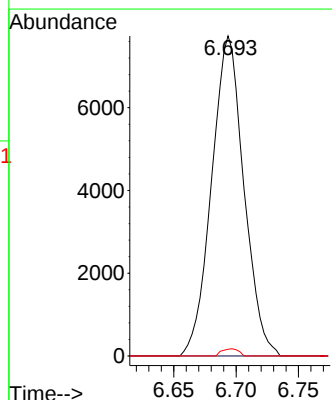
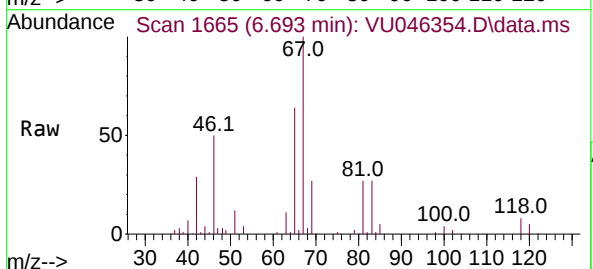
Instrument :
MSVOA_U
ClientSampleId :
BGKZ8MEDL

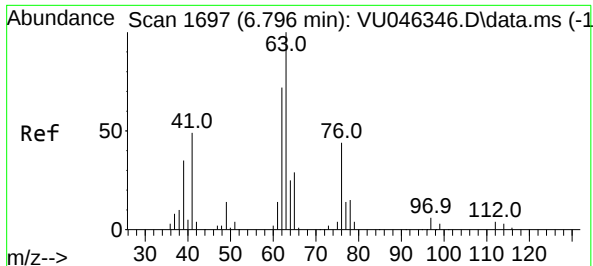
Tgt Ion: 62 Resp: 949
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 7.381 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046354.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 83 Resp: 13955
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.030 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046354.D

Acq: 14 Dec 2021 14:35

Instrument :

MSVOA_U

ClientSampleId :

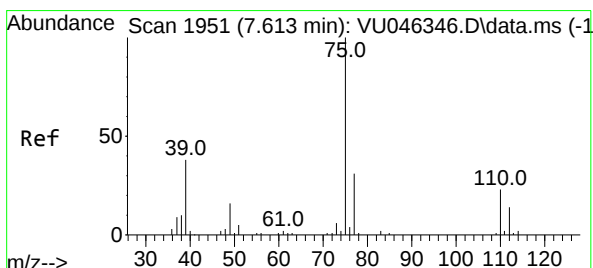
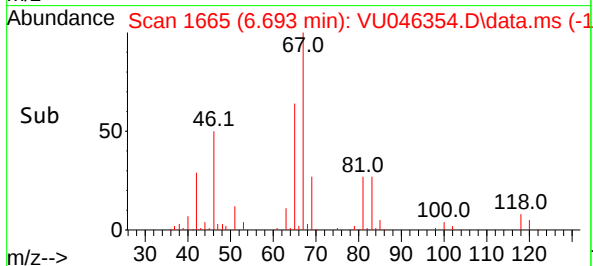
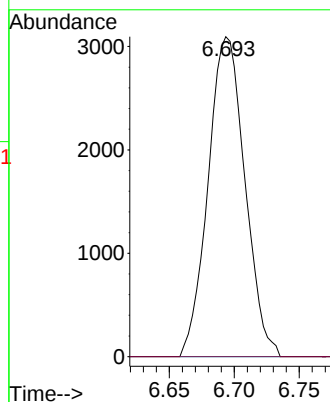
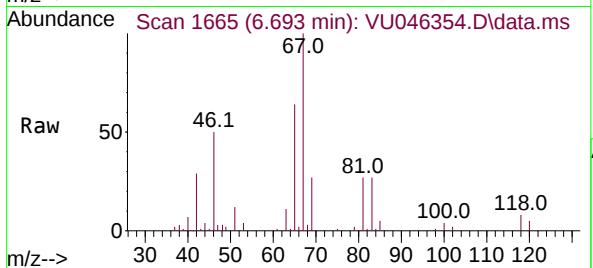
BGKZ8MEDL

Tgt Ion: 63 Resp: 6099

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046354.D

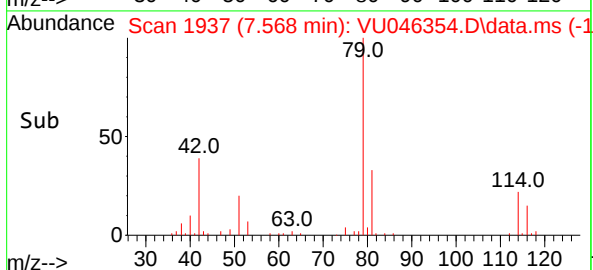
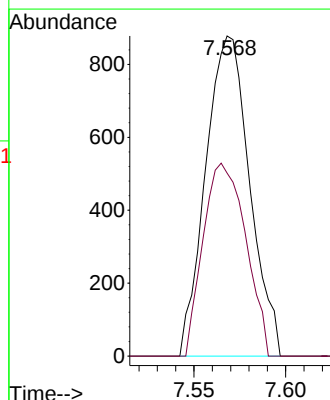
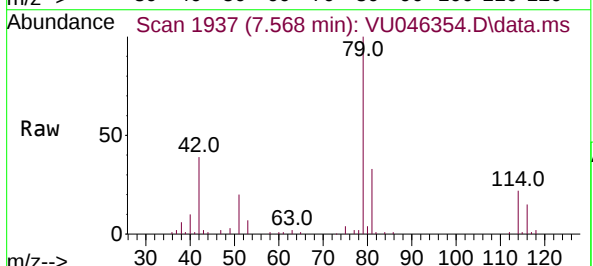
Acq: 14 Dec 2021 14:35

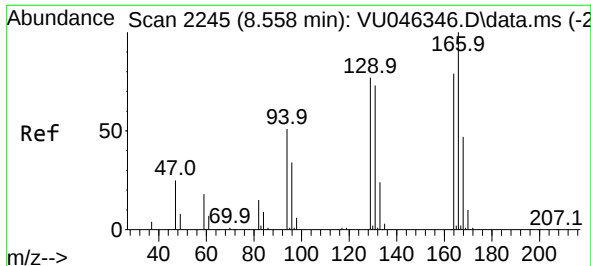
Tgt Ion: 75 Resp: 1467

Ion Ratio Lower Upper

75 100

77 57.2 21.8 40.6#

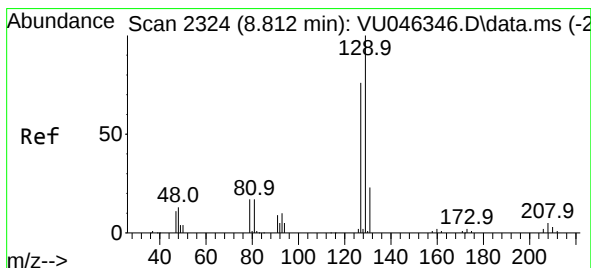
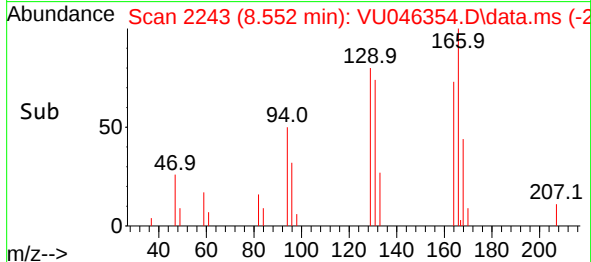
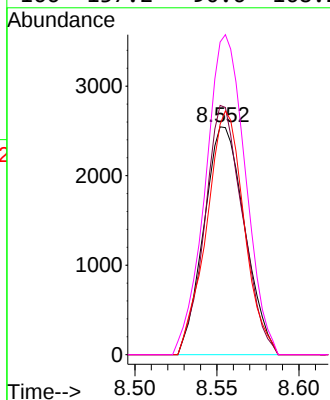
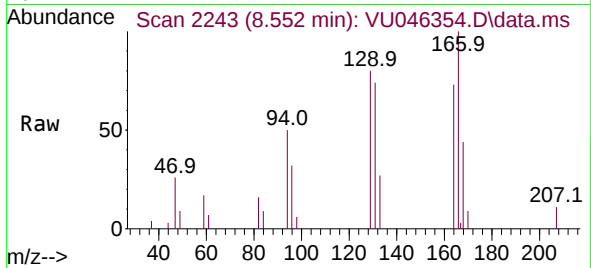




#46
Tetrachloroethene
Concen: 4.917 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.006 min
Lab File: VU046354.D
Acq: 14 Dec 2021 14:35

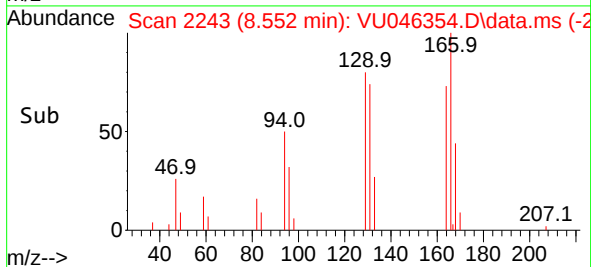
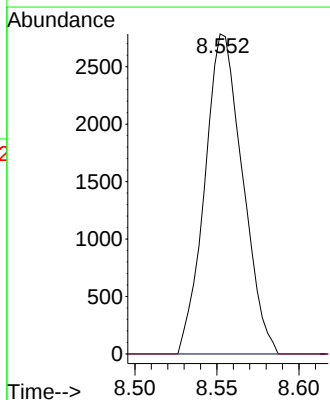
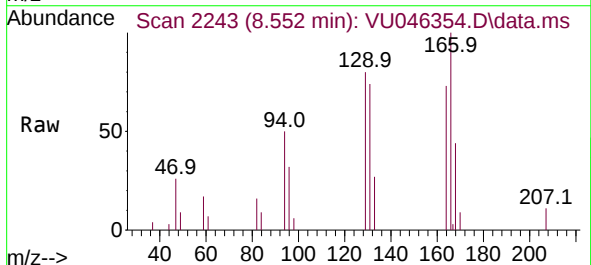
Instrument :
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ClientSampleId :
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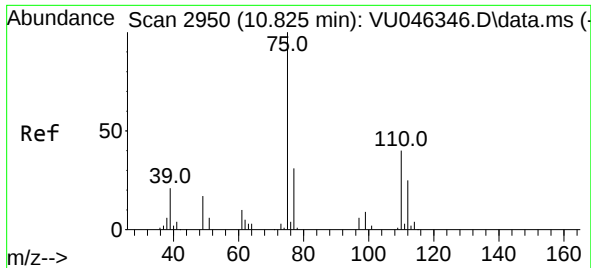
Tgt Ion:164	Resp:	4406
Ion Ratio	Lower	Upper
164	100	
129	109.4	71.1 132.1
131	101.1	67.8 126.0
166	137.2	90.6 168.2



#49
Dibromochloromethane
Concen: 3.491 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046354.D
Acq: 14 Dec 2021 14:35

Tgt Ion:129	Resp:	4459
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.477 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046354.D
 Acq: 14 Dec 2021 14:35

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 9097
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.4 39.6
 110 2.5 32.4 48.6#

