

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049735.D
 Acq On : 15 Jul 2022 14:38
 Operator : SY/MD
 Sample : N3748-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E6

Quant Time: Jul 15 23:06:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

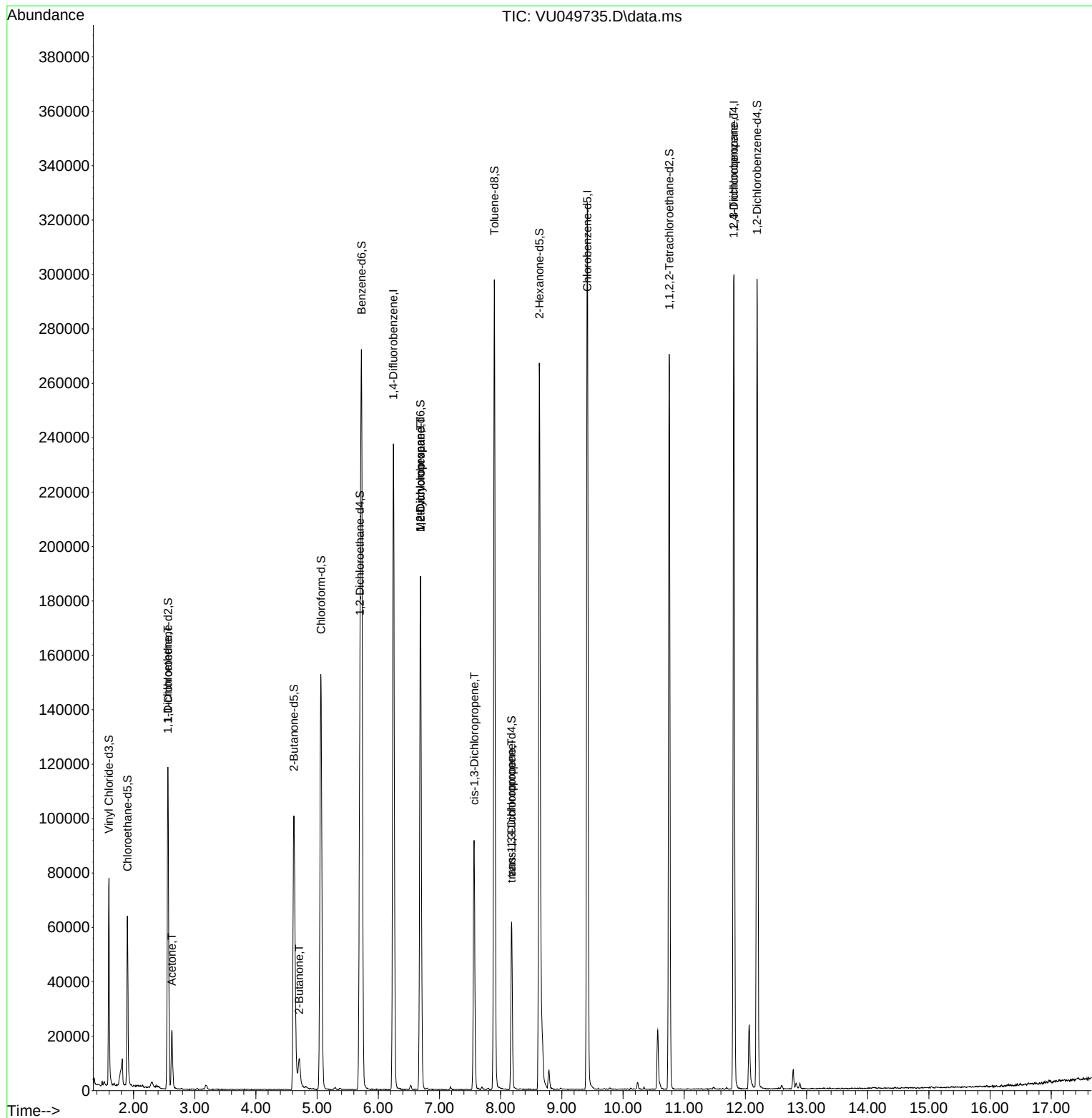
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	181973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	169227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52724	34.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.680%		
7) Chloroethane-d5	1.899	69	45064	40.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.200%		
11) 1,1-Dichloroethene-d2	2.562	63	71806	26.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.960%#		
21) 2-Butanone-d5	4.620	46	152308	116.203	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.200%		
24) Chloroform-d	5.063	84	129256	47.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
26) 1,2-Dichloroethane-d4	5.700	65	93780	50.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.900%		
32) Benzene-d6	5.726	84	232043	45.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
36) 1,2-Dichloropropane-d6	6.690	67	86750	50.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.340%		
41) Toluene-d8	7.896	98	188473	42.097	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.200%		
43) trans-1,3-Dichloroprop...	8.179	79	32903	45.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.320%		
47) 2-Hexanone-d5	8.632	63	79926	102.752	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.750%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	131359	54.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	73608	53.296	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.559	96	455	0.350	ug/L #	1
13) Acetone	2.626	43	23754	19.070	ug/L	99
22) 2-Butanone	4.706	43	15756	9.448	ug/L	94
35) Methylcyclohexane	6.690	83	20130	8.331	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9917	5.625	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2433	1.023	ug/L #	69
44) trans-1,3-Dichloropropene	8.176	75	1646	0.737	ug/L #	69
60) 1,2,3-Trichloropropane	11.809	75	10132	5.193	ug/L #	67

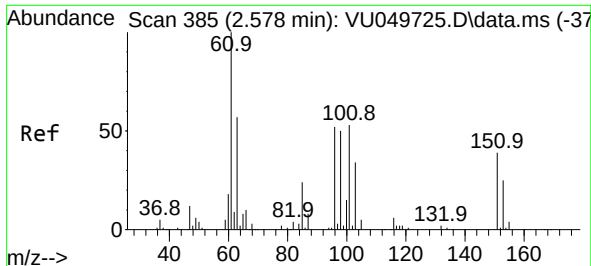
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 15 23:03:46 2022
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#12

1,1-Dichloroethene

Concen: 0.350 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU049735.D

Acq: 15 Jul 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

BH0E6

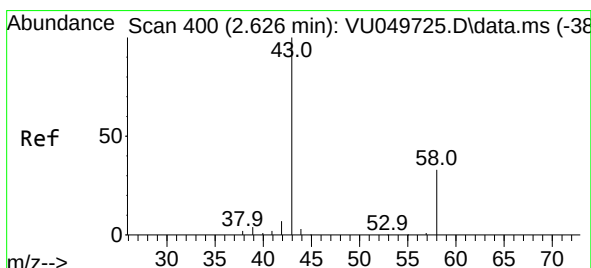
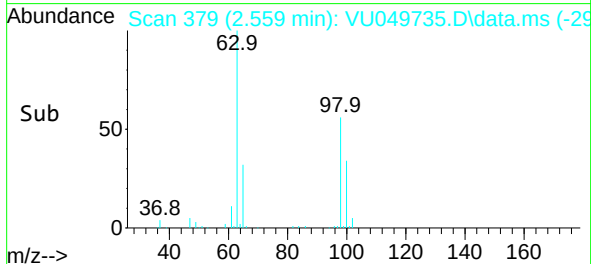
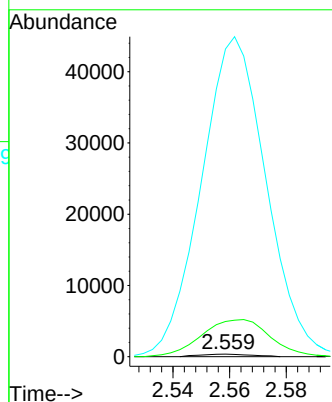
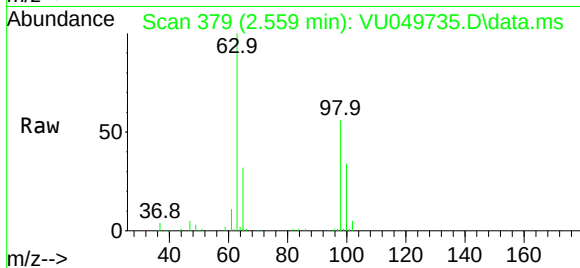
Tgt Ion: 96 Resp: 455

Ion Ratio Lower Upper

96 100

61 1329.4 129.6 240.6#

63 11642.0 79.0 146.6#



#13

Acetone

Concen: 19.070 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU049735.D

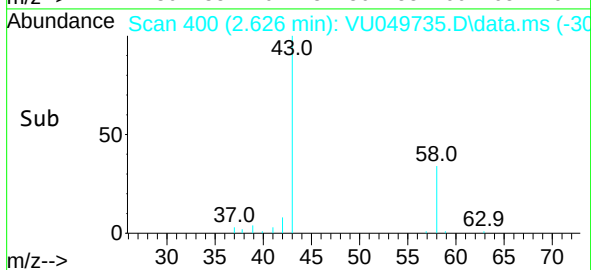
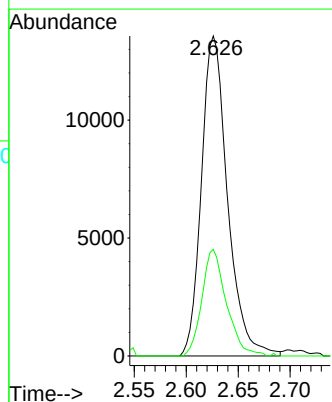
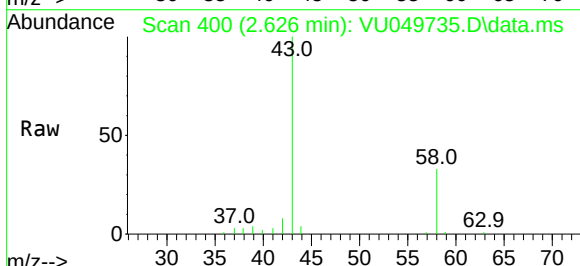
Acq: 15 Jul 2022 14:38

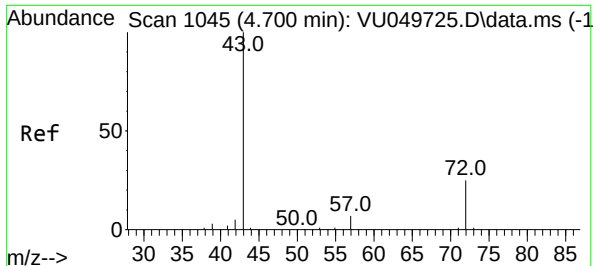
Tgt Ion: 43 Resp: 23754

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.4





#22

2-Butanone

Concen: 9.448 ug/L

RT: 4.706 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VU049735.D

Acq: 15 Jul 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

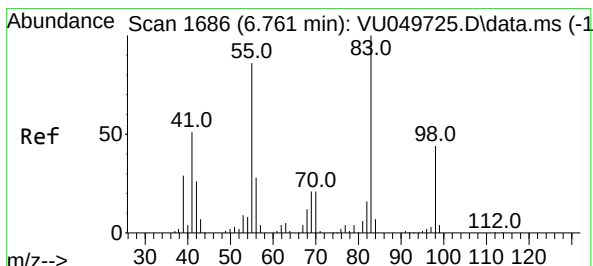
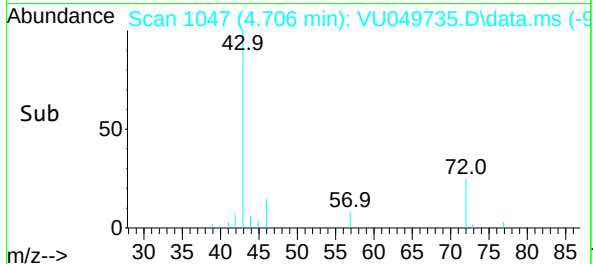
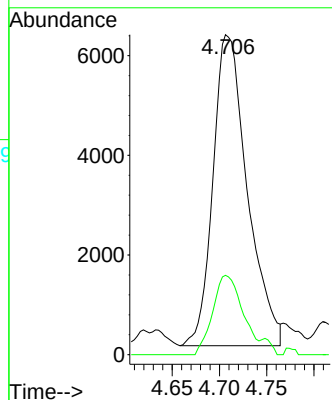
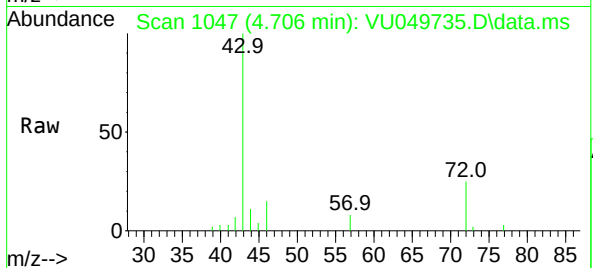
BH0E6

Tgt Ion: 43 Resp: 15756

Ion Ratio Lower Upper

43 100

72 22.2 12.7 38.0



#35

Methylcyclohexane

Concen: 8.331 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049735.D

Acq: 15 Jul 2022 14:38

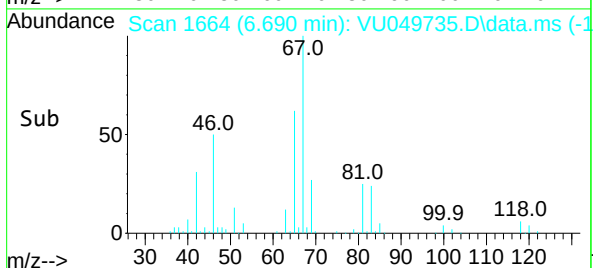
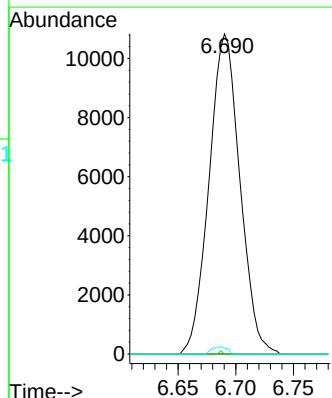
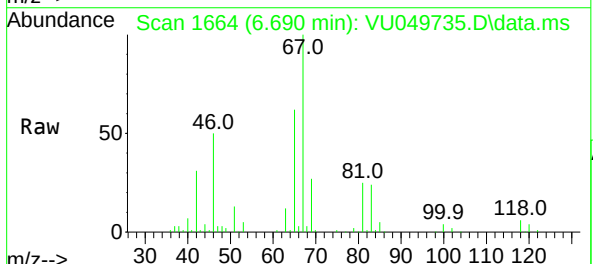
Tgt Ion: 83 Resp: 20130

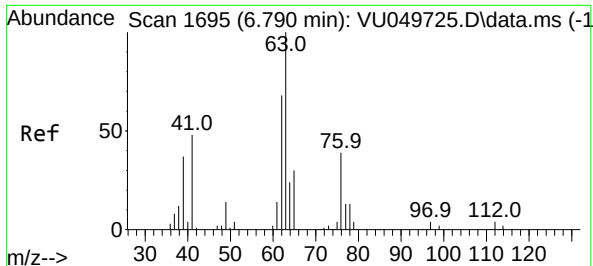
Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 1.1 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.625 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049735.D

Acq: 15 Jul 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

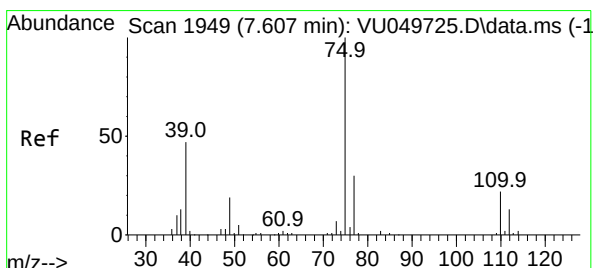
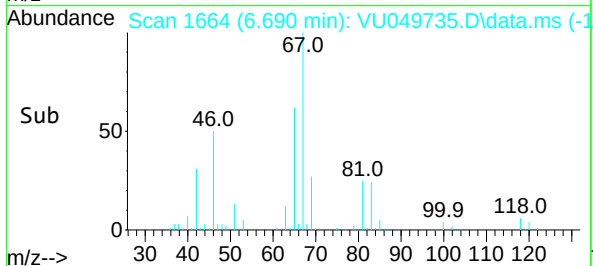
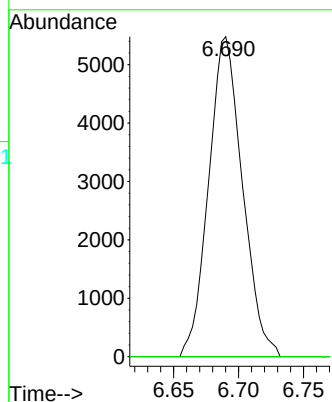
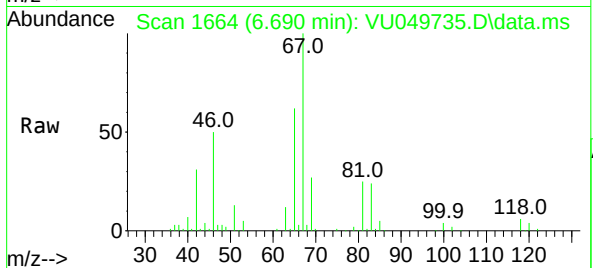
BH0E6

Tgt Ion: 63 Resp: 9917

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.023 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049735.D

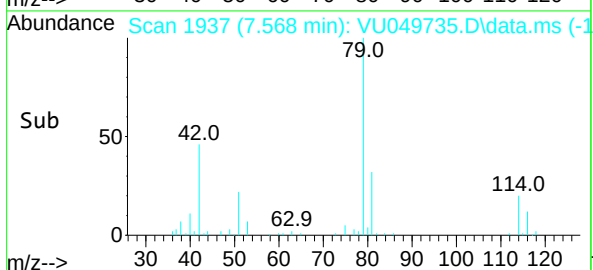
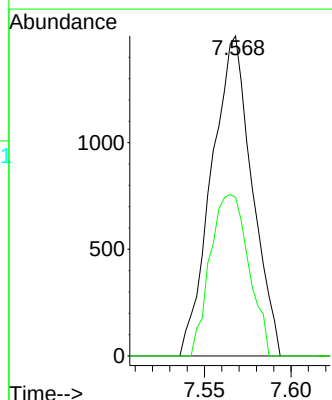
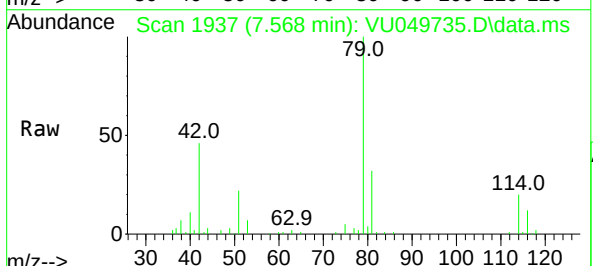
Acq: 15 Jul 2022 14:38

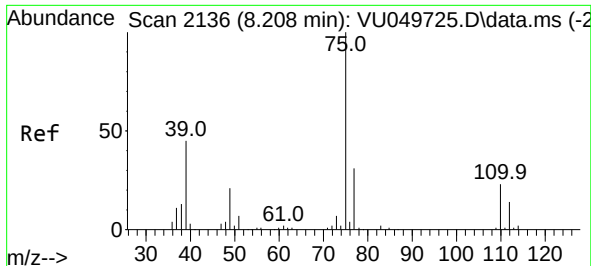
Tgt Ion: 75 Resp: 2433

Ion Ratio Lower Upper

75 100

77 49.5 22.6 42.0#

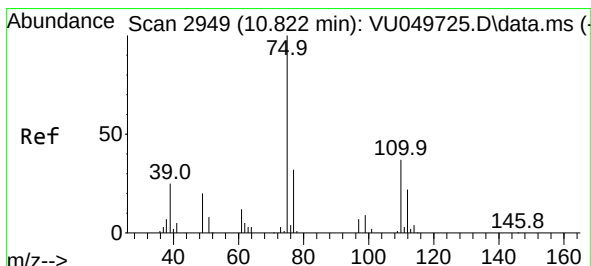
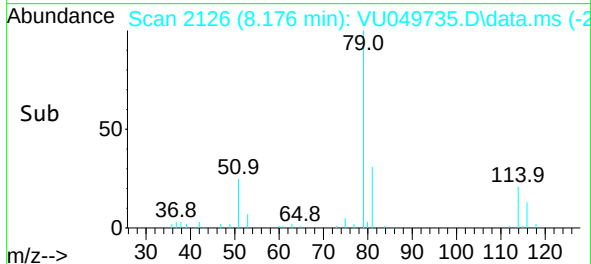
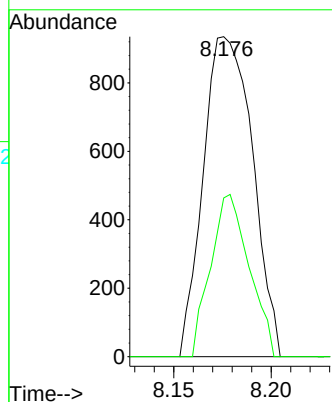
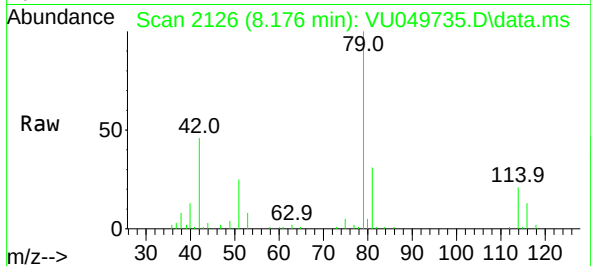




#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU049735.D
Acq: 15 Jul 2022 14:38

Instrument :
MSVOA_U
ClientSampleId :
BH0E6

Tgt Ion: 75 Resp: 1646
Ion Ratio Lower Upper
75 100
77 49.6 22.5 41.9#



#60
1,2,3-Trichloropropane
Concen: 5.193 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049735.D
Acq: 15 Jul 2022 14:38

Tgt Ion: 75 Resp: 10132
Ion Ratio Lower Upper
75 100
77 35.2 25.5 38.3
110 2.8 28.9 43.3#

