

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049350.D
 Acq On : 22 Jun 2022 14:35
 Operator : SY/MD
 Sample : N3392-04 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 02:06:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 23 02:04:00 2022
 Response via : Initial Calibration

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

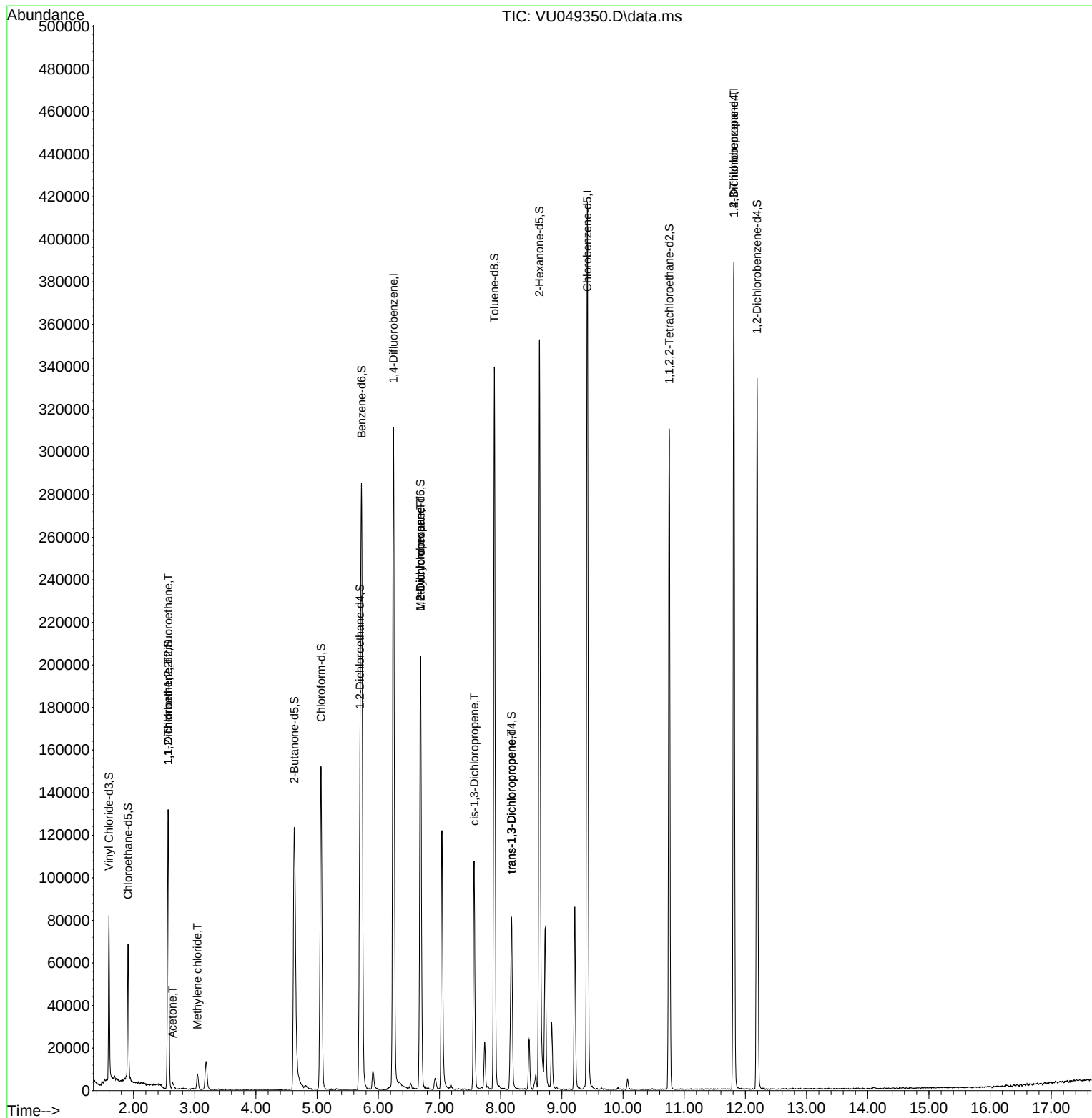
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	243780	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223442	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99202	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54214	36.099	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.200%		
7) Chloroethane-d5	1.909	69	41502	37.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.280%		
11) 1,1-Dichloroethene-d2	2.565	63	79622	28.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.200%#		
21) 2-Butanone-d5	4.626	46	188021	114.190	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.190%		
24) Chloroform-d	5.063	84	139760	43.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.240%		
26) 1,2-Dichloroethane-d4	5.700	65	93040	44.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.660%		
32) Benzene-d6	5.726	84	253850	45.816	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.640%		
36) 1,2-Dichloropropane-d6	6.690	67	97207	52.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.380%		
41) Toluene-d8	7.896	98	221212	45.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.540%		
43) trans-1,3-Dichloroprop...	8.179	79	41255	47.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.160%		
47) 2-Hexanone-d5	8.632	63	118852	121.919	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.920%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	154371	49.622	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	83887	48.600	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	601	0.350	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	690	0.459	ug/L #	1
13) Acetone	2.639	43	3841	2.964	ug/L	82
16) Methylene chloride	3.041	84	3491	1.783	ug/L	93
35) Methylcyclohexane	6.690	83	21617	8.487	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10349	5.070	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2714	0.904	ug/L #	46
44) trans-1,3-Dichloropropene	8.179	75	1958	0.658	ug/L	88
60) 1,2,3-Trichloropropane	11.812	75	12951	5.147	ug/L #	67

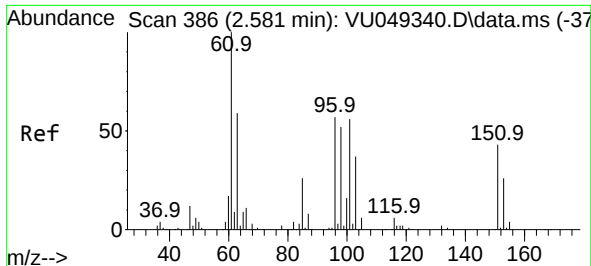
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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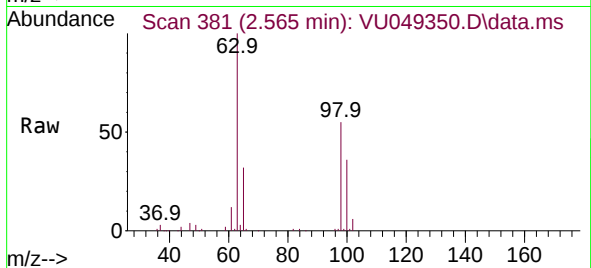
Quant Time: Jun 23 02:06:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
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QLast Update : Thu Jun 23 02:04:00 2022
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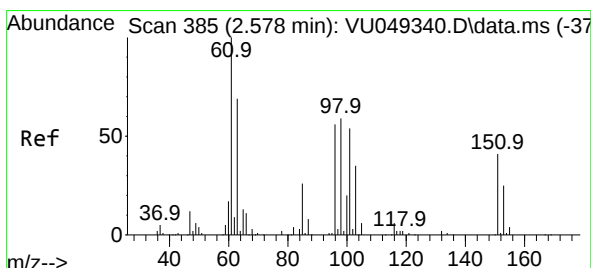
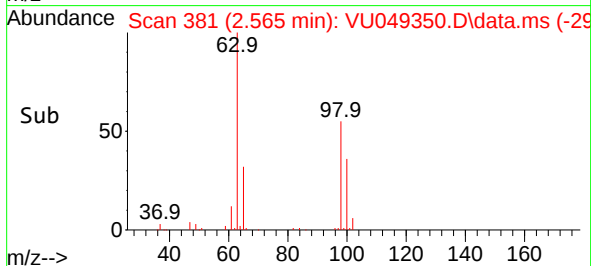
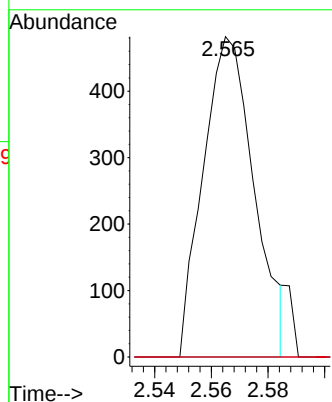


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.350 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049350.D
 Acq: 22 Jun 2022 14:35

Instrument :
 MSVOA_U
 ClientSampleId :

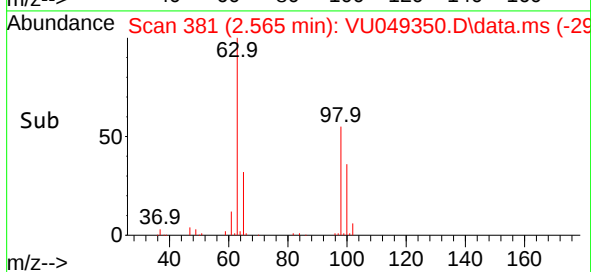
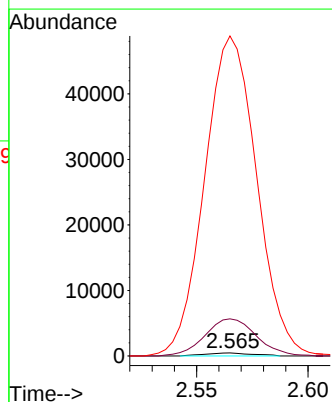
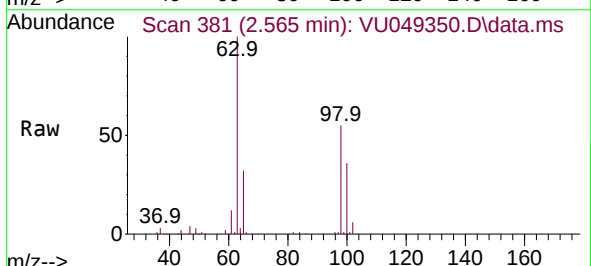


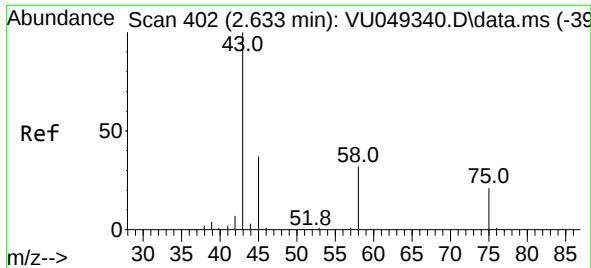
Tgt Ion:101 Resp: 601
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.459 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049350.D
 Acq: 22 Jun 2022 14:35

Tgt Ion: 96 Resp: 690
 Ion Ratio Lower Upper
 96 100
 61 1205.3 123.5 229.3#
 63 10369.4 86.0 159.8#





#13

Acetone

Concen: 2.964 ug/L

RT: 2.639 min Scan# 402

Delta R.T. 0.006 min

Lab File: VU049350.D

Acq: 22 Jun 2022 14:35

Instrument :

MSVOA_U

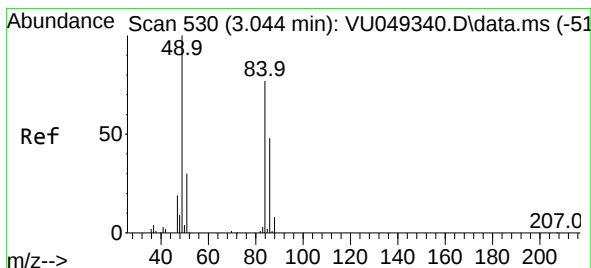
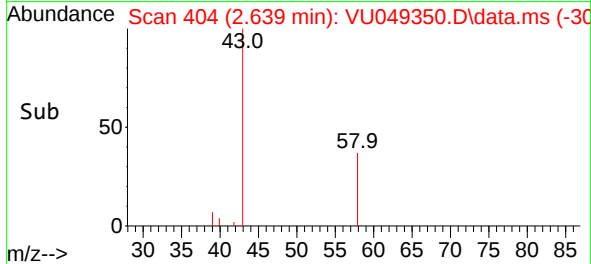
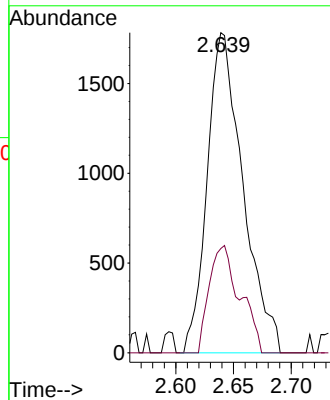
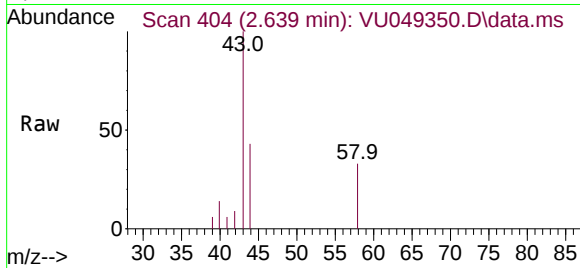
ClientSampleId :

Tgt Ion: 43 Resp: 3841

Ion Ratio Lower Upper

43 100

58 23.0 0.0 66.4



#16

Methylene chloride

Concen: 1.783 ug/L

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU049350.D

Acq: 22 Jun 2022 14:35

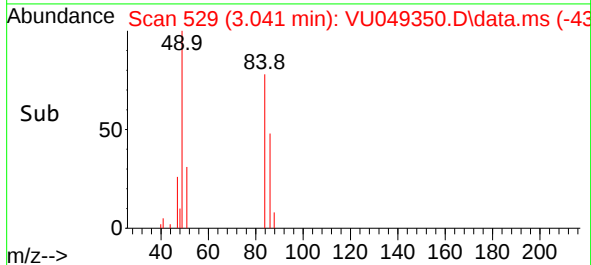
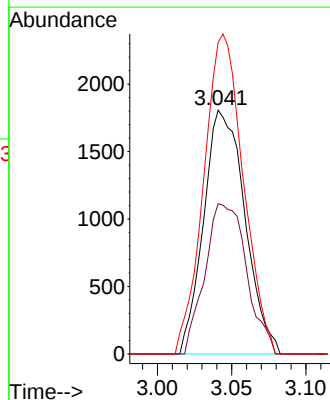
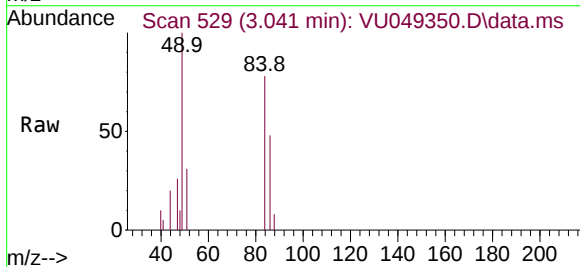
Tgt Ion: 84 Resp: 3491

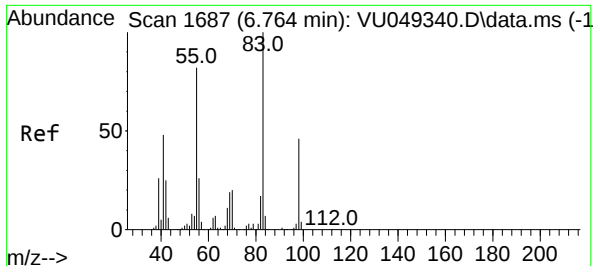
Ion Ratio Lower Upper

84 100

86 61.7 45.8 85.0

49 127.8 83.4 155.0





#35

Methylcyclohexane

Concen: 8.487 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049350.D

Acq: 22 Jun 2022 14:35

Instrument :

MSVOA_U

ClientSampleId :

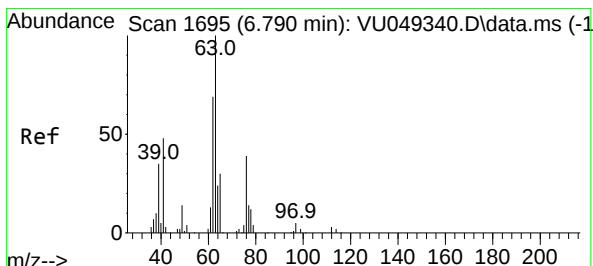
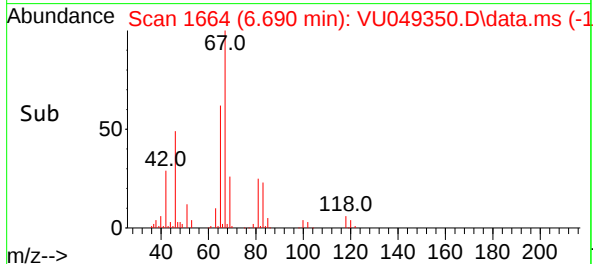
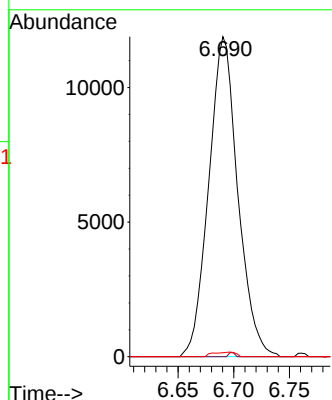
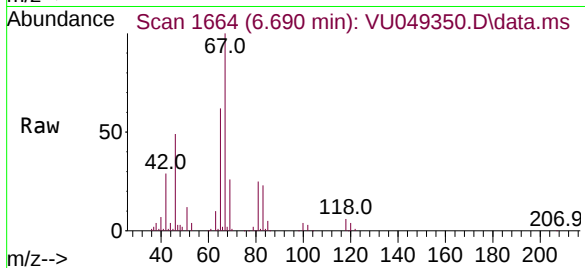
Tgt Ion: 83 Resp: 21617

Ion Ratio Lower Upper

83 100

55 0.3 61.0 91.6#

98 0.3 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 5.070 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049350.D

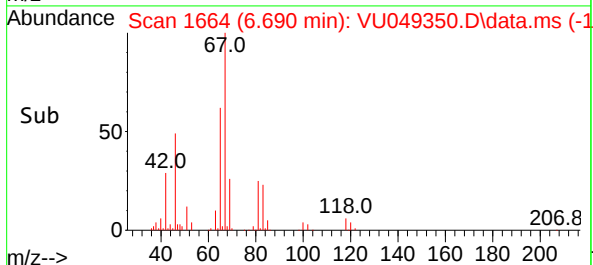
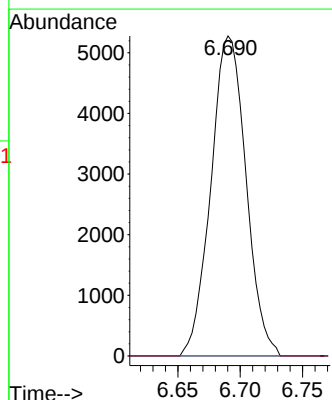
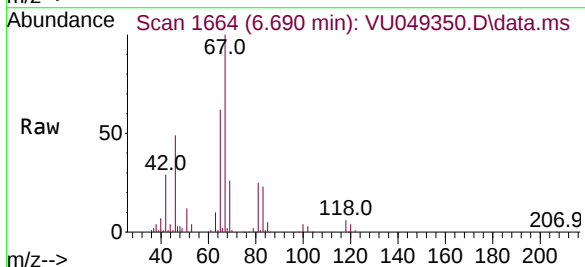
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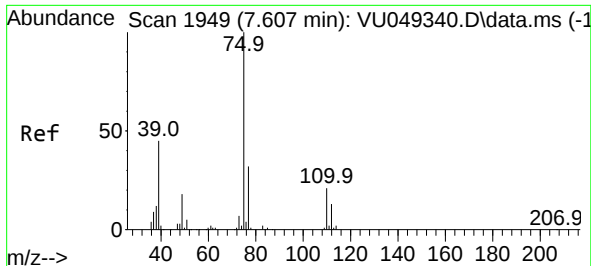
Tgt Ion: 63 Resp: 10349

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049350.D

Acq: 22 Jun 2022 14:35

Instrument :

MSVOA_U

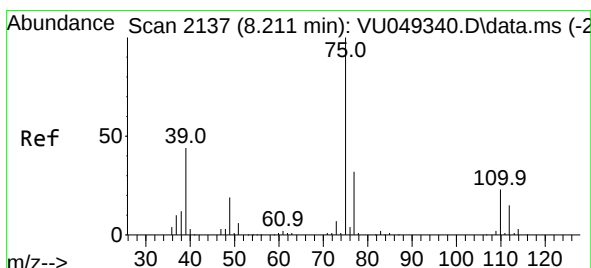
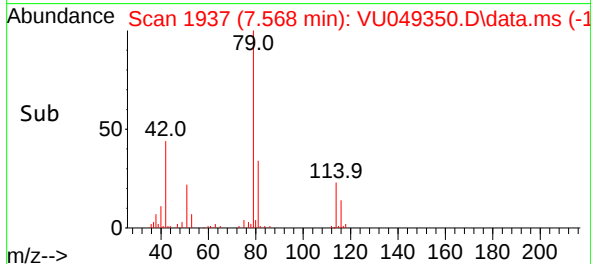
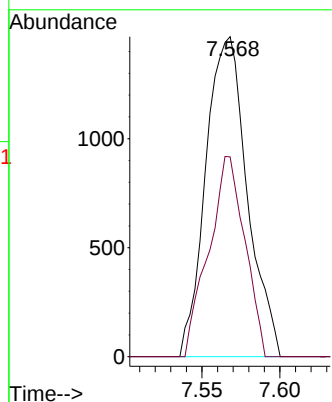
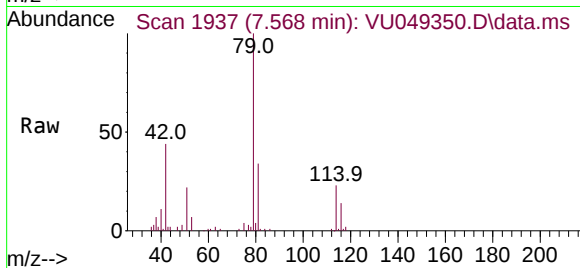
ClientSampleId :

Tgt Ion: 75 Resp: 2714

Ion Ratio Lower Upper

75 100

77 62.5 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049350.D

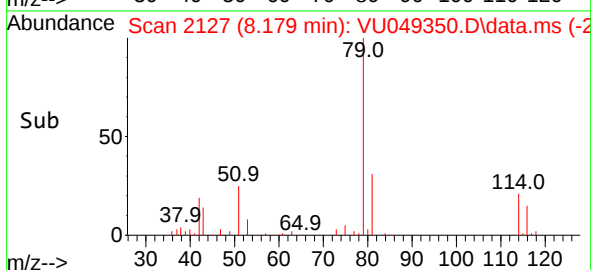
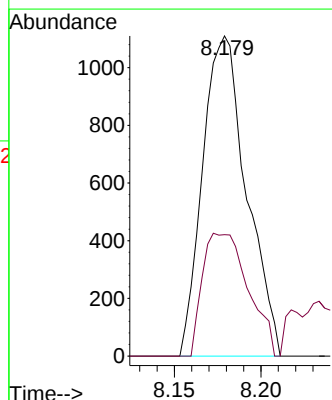
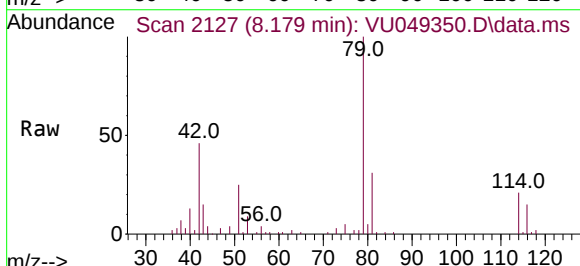
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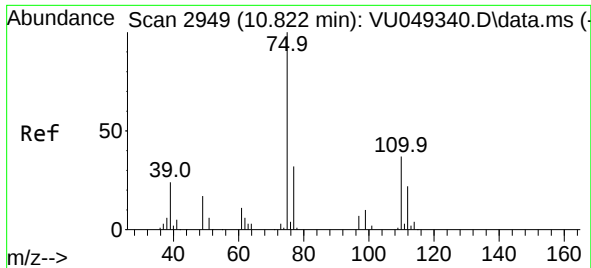
Tgt Ion: 75 Resp: 1958

Ion Ratio Lower Upper

75 100

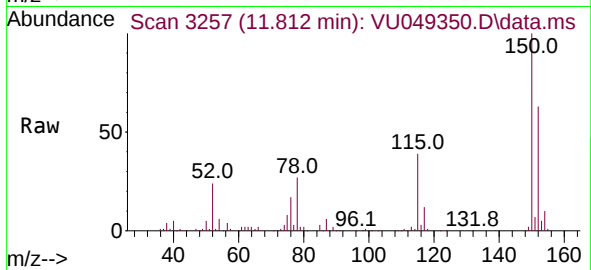
77 37.9 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 5.147 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049350.D
 Acq: 22 Jun 2022 14:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.6	40.0
110	2.1	30.2	45.4

