

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049358.D
 Acq On : 22 Jun 2022 17:43
 Operator : SY/MD
 Sample : N3392-12 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 02:08:03 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)

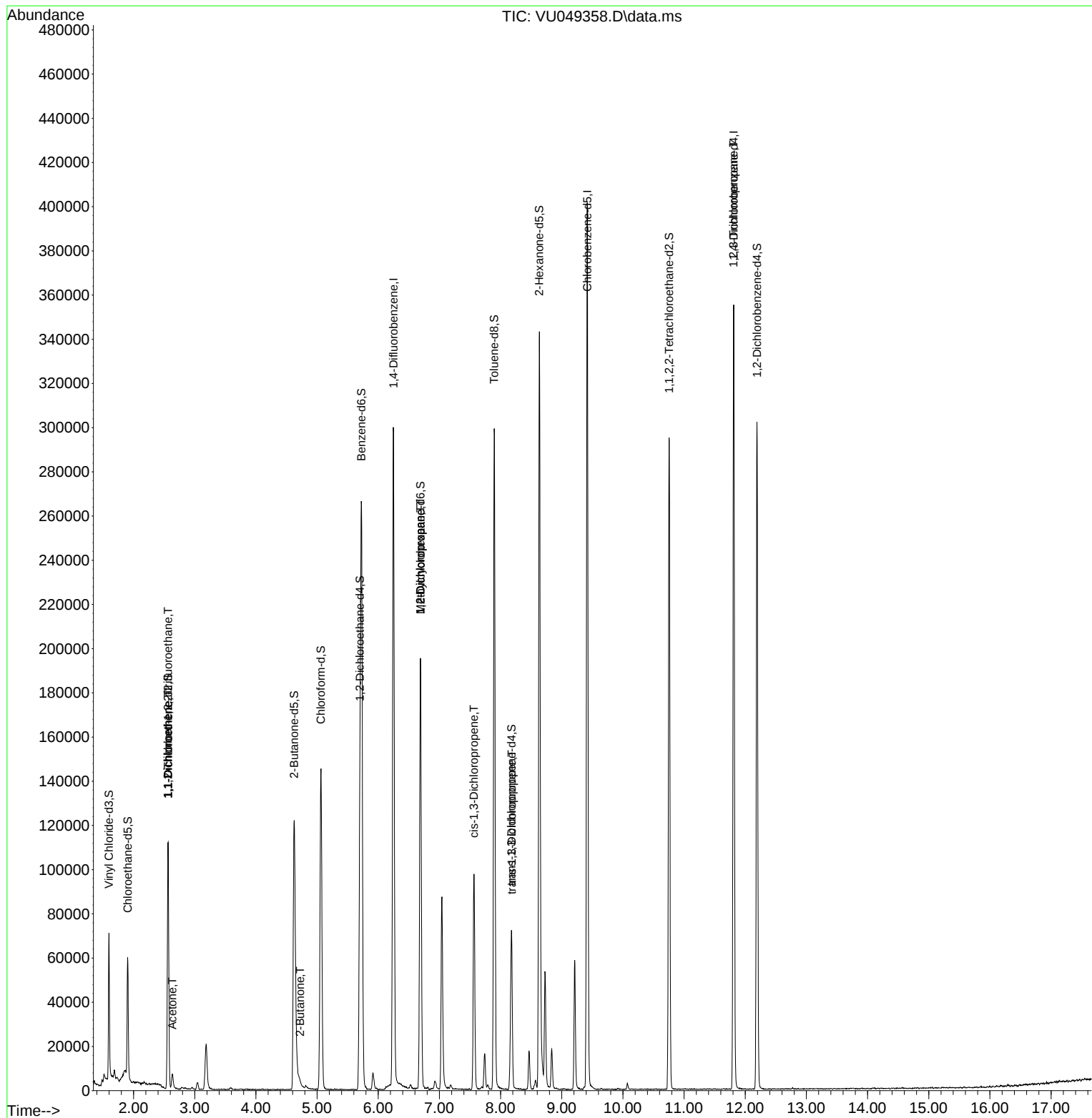
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	232158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	212458	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46674	32.635	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.260%		
7) Chloroethane-d5	1.903	69	36955	35.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.380%		
11) 1,1-Dichloroethene-d2	2.562	63	68308	25.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.620%#		
21) 2-Butanone-d5	4.623	46	180482	115.099	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.100%		
24) Chloroform-d	5.063	84	133742	43.836	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.680%		
26) 1,2-Dichloroethane-d4	5.700	65	91584	46.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.660%		
32) Benzene-d6	5.726	84	234840	44.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.160%		
36) 1,2-Dichloropropane-d6	6.690	67	92364	52.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.300%		
41) Toluene-d8	7.896	98	197519	42.512	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.020%		
43) trans-1,3-Dichloroprop...	8.179	79	38933	46.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.460%		
47) 2-Hexanone-d5	8.632	63	113830	122.804	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	122.800%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	147379	49.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	76637	48.147	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.300%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	548	0.335	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	531	0.371	ug/L #	1
13) Acetone	2.633	43	8885	7.201	ug/L	92
22) 2-Butanone	4.723	43	2613	1.378	ug/L	81
35) Methylcyclohexane	6.690	83	20414	8.429	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10090	5.198	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2409	0.843	ug/L #	52
44) trans-1,3-Dichloropropene	8.182	75	1865	0.659	ug/L #	79
60) 1,2,3-Trichloropropane	11.809	75	12177	5.248	ug/L #	68

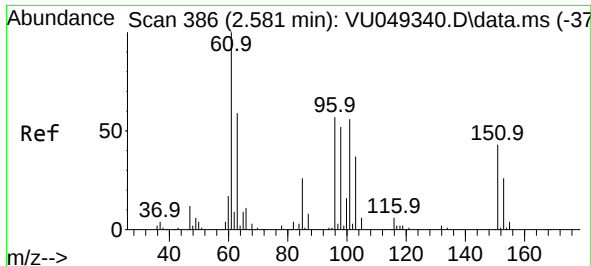
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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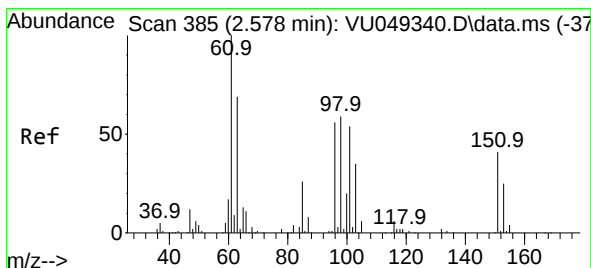
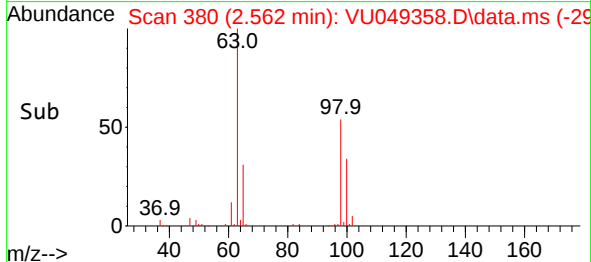
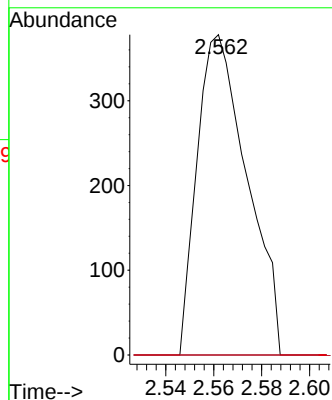
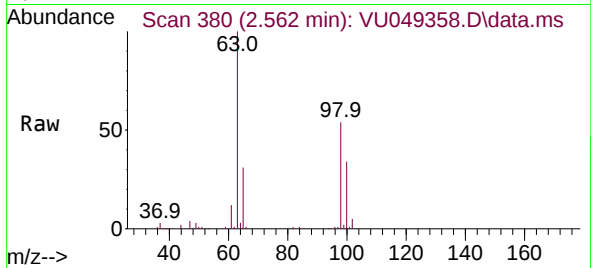




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.335 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU049358.D
 Acq: 22 Jun 2022 17:43

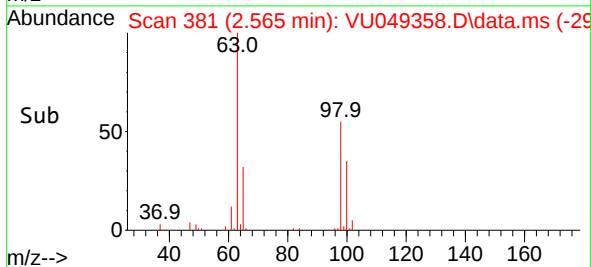
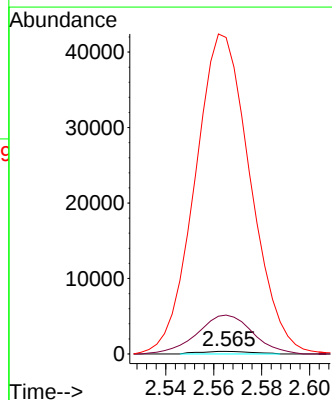
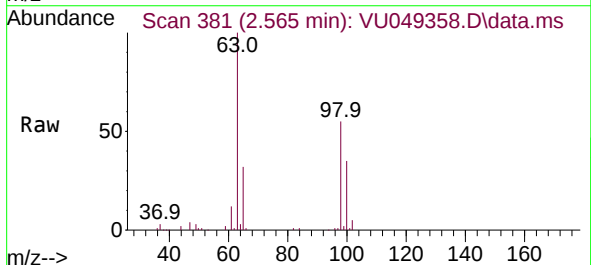
Instrument :
 MSVOA_U
 ClientSampleId :

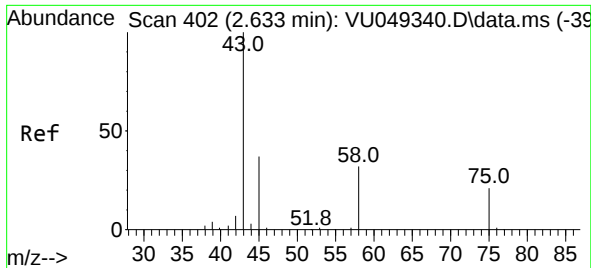
Tgt Ion:101 Resp: 548
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.371 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049358.D
 Acq: 22 Jun 2022 17:43

Tgt Ion: 96 Resp: 531
 Ion Ratio Lower Upper
 96 100
 61 1491.0 123.5 229.3#
 63 12157.7 86.0 159.8#





#13

Acetone

Concen: 7.201 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU049358.D

Acq: 22 Jun 2022 17:43

Instrument :

MSVOA_U

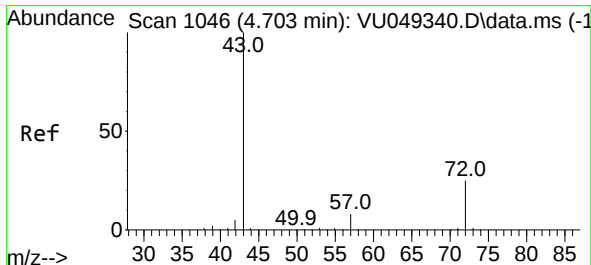
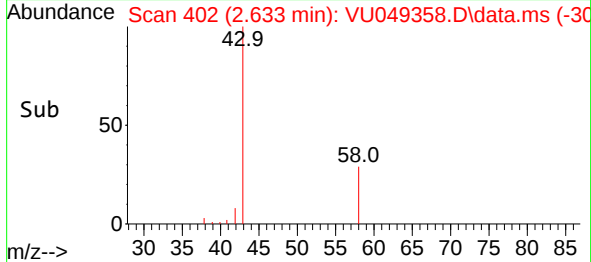
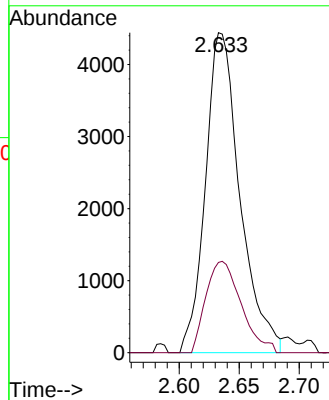
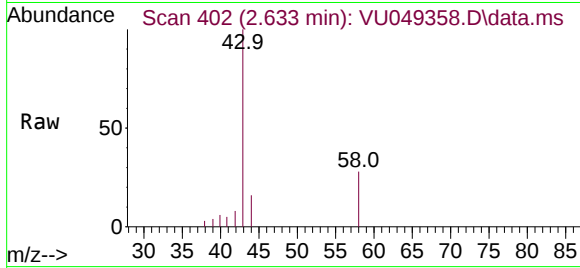
ClientSampleId :

Tgt Ion: 43 Resp: 8885

Ion Ratio Lower Upper

43 100

58 28.6 0.0 66.4



#22

2-Butanone

Concen: 1.378 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.020 min

Lab File: VU049358.D

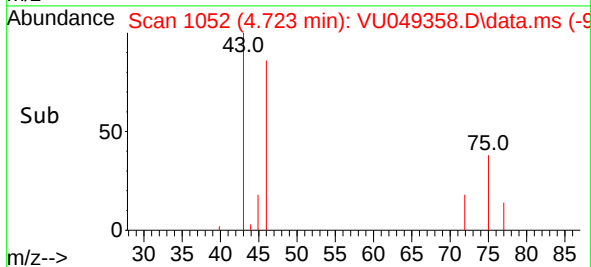
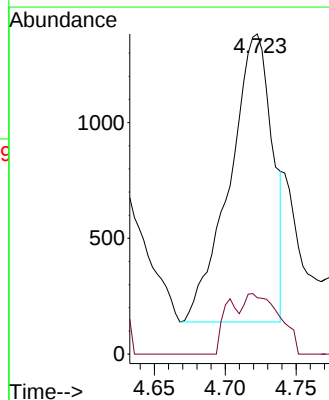
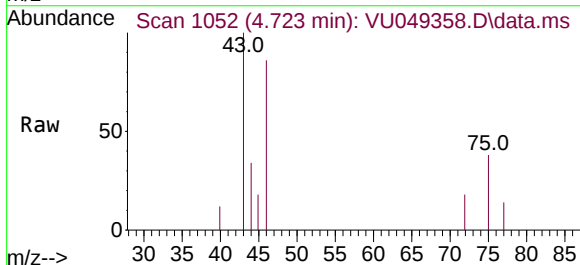
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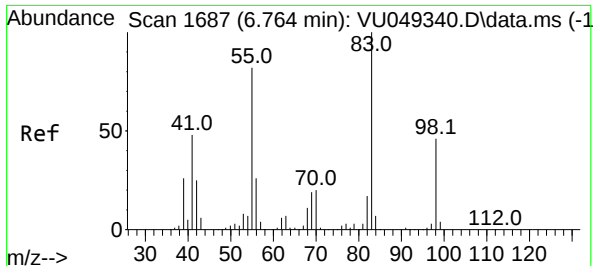
Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

43 100

72 17.5 13.7 41.0

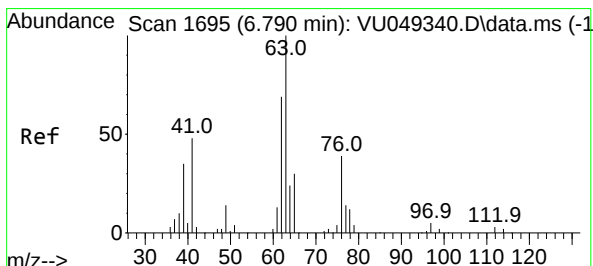
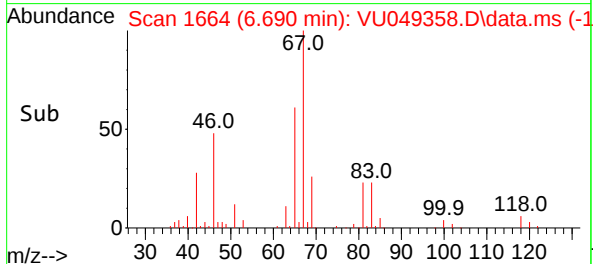
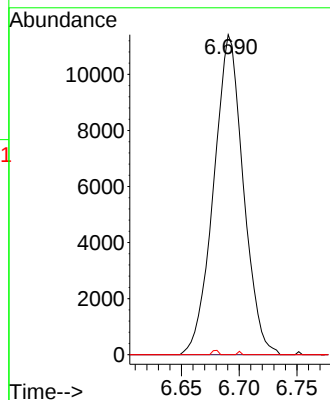
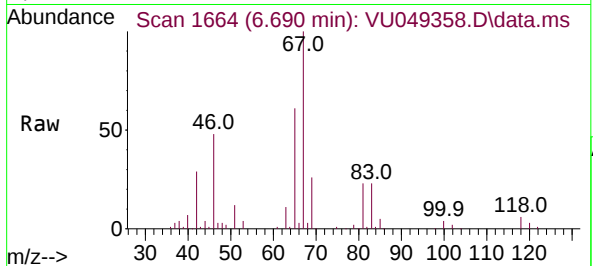




#35
Methylcyclohexane
Concen: 8.429 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049358.D
Acq: 22 Jun 2022 17:43

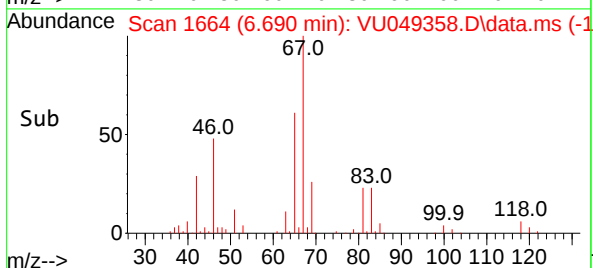
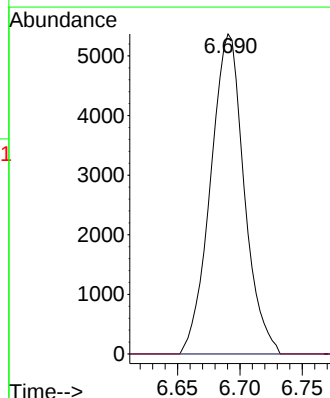
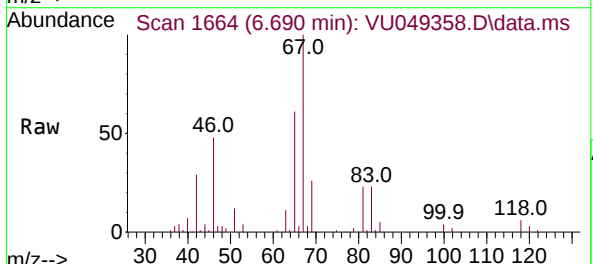
Instrument :
MSVOA_U
ClientSampleId :

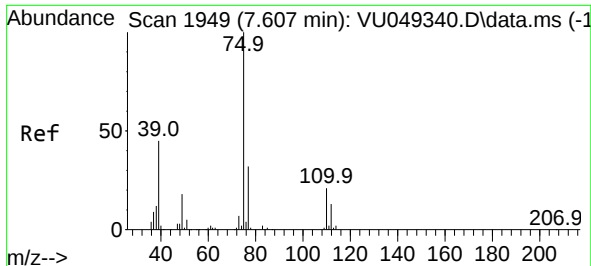
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.0	91.6#
98	0.3	36.8	55.2#



#37
1,2-Dichloropropane
Concen: 5.198 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU049358.D
Acq: 22 Jun 2022 17:43

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.843 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049358.D

Acq: 22 Jun 2022 17:43

Instrument :

MSVOA_U

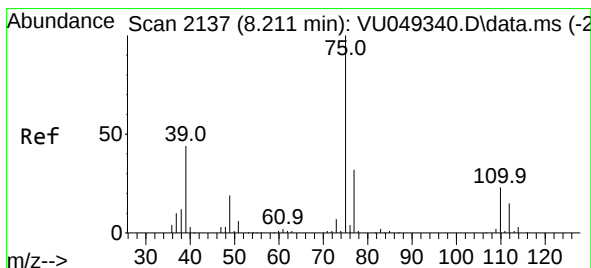
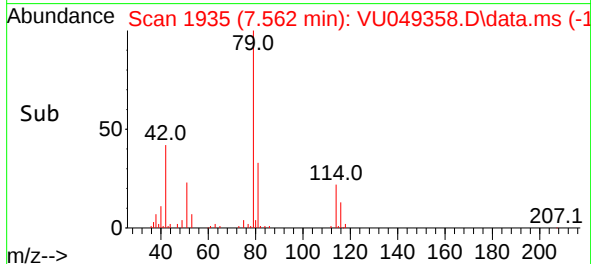
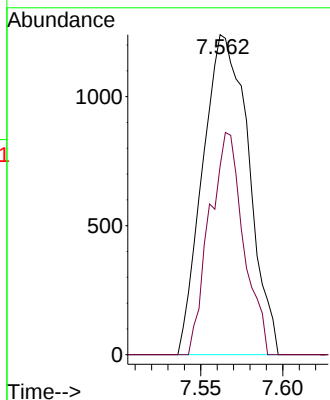
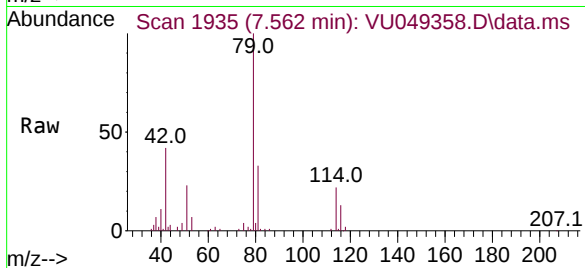
ClientSampleId :

Tgt Ion: 75 Resp: 2409

Ion Ratio Lower Upper

75 100

77 59.0 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049358.D

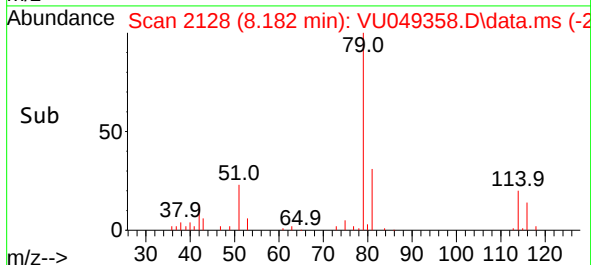
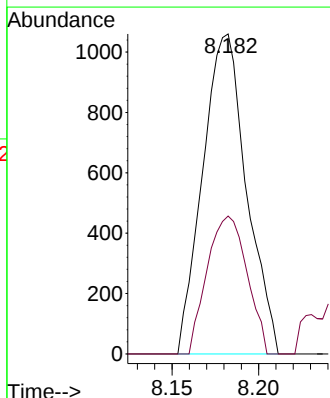
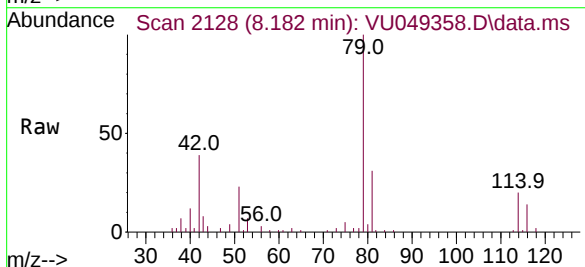
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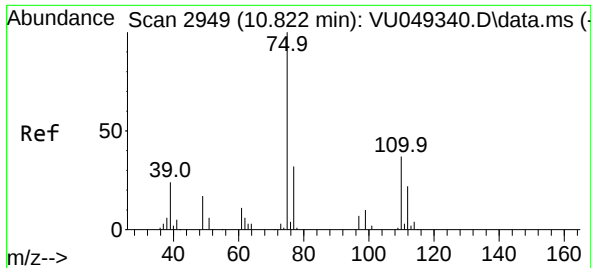
Tgt Ion: 75 Resp: 1865

Ion Ratio Lower Upper

75 100

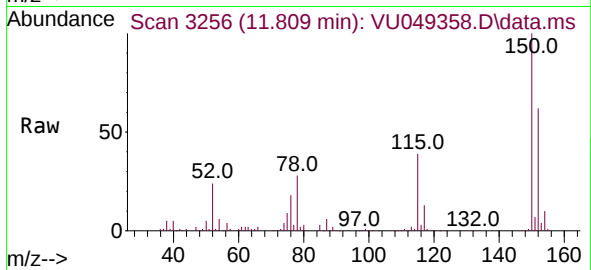
77 43.1 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.248 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049358.D
 Acq: 22 Jun 2022 17:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12177
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.6 40.0
 110 2.4 30.2 45.4#

