

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049734.D
 Acq On : 15 Jul 2022 14:14
 Operator : SY/MD
 Sample : N3744-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B81

Quant Time: Jul 15 23:06:21 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)

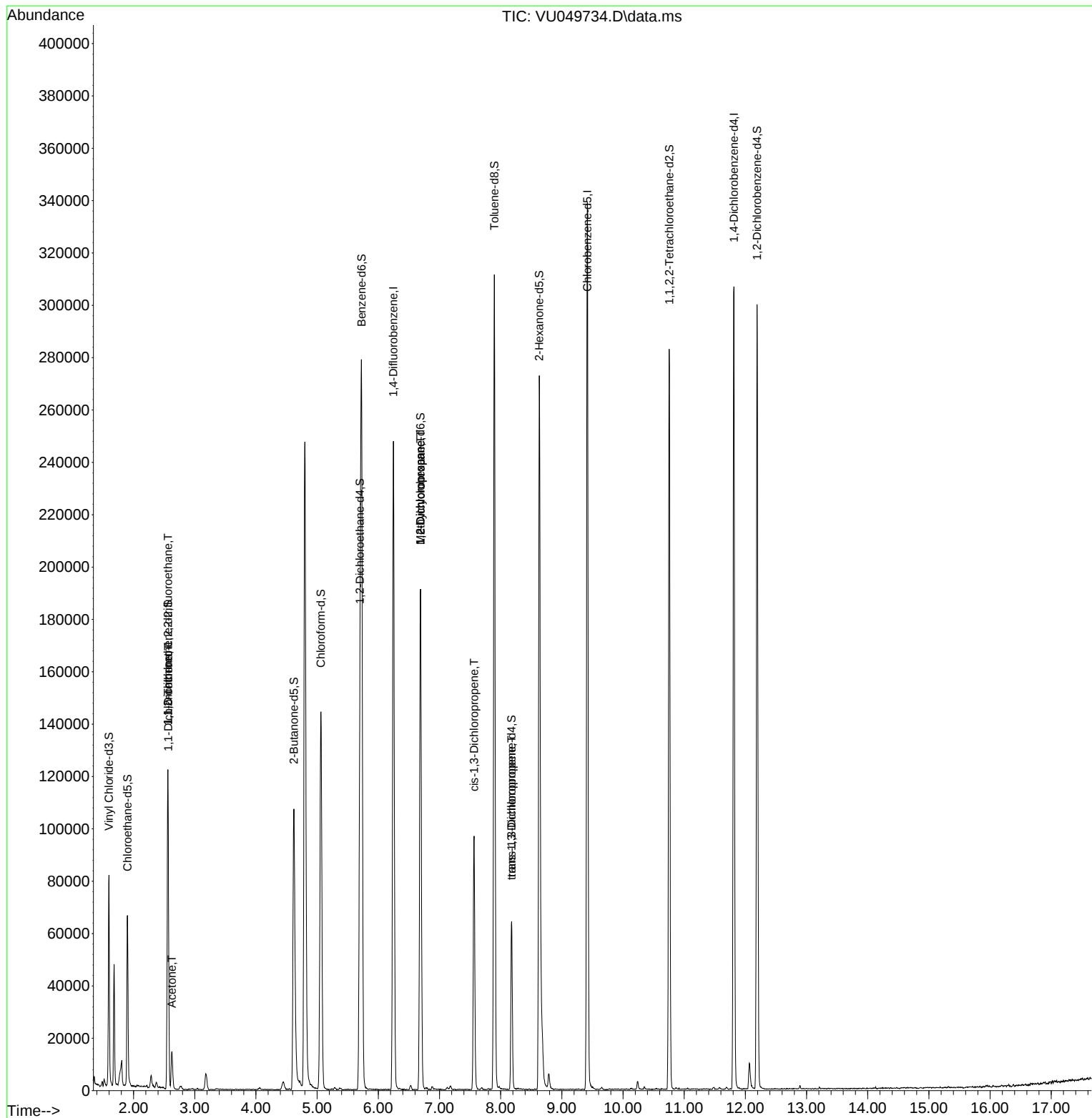
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185571	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	173278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75939	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55538	35.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.940%
7) Chloroethane-d5	1.900	69	47954	42.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.740%
11) 1,1-Dichloroethene-d2	2.562	63	75088	27.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.300%#
21) 2-Butanone-d5	4.620	46	154942	115.920	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.920%
24) Chloroform-d	5.060	84	133805	48.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
26) 1,2-Dichloroethane-d4	5.700	65	96927	51.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.280%
32) Benzene-d6	5.726	84	240003	45.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
36) 1,2-Dichloropropane-d6	6.690	67	90121	50.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	7.896	98	196138	42.785	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.580%
43) trans-1,3-Dichloroprop...	8.179	79	35359	47.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.800%
47) 2-Hexanone-d5	8.629	63	84305	105.848	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.850%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	136452	55.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	12.192	152	72657	50.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	481	0.336	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	513	0.387	ug/L #	1
13) Acetone	2.623	43	14859	11.698	ug/L	98
35) Methylcyclohexane	6.690	83	20468	8.273	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10435	5.780	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2597	1.067	ug/L #	79
44) trans-1,3-Dichloropropene	8.176	75	1621	0.709	ug/L	97

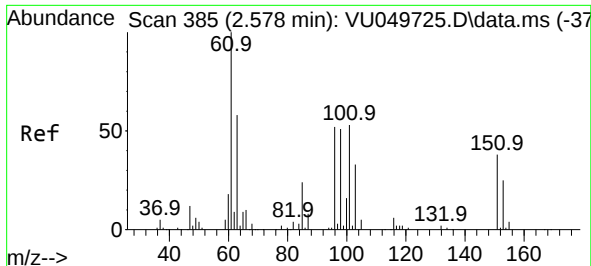
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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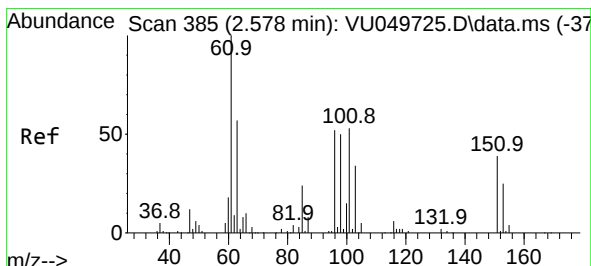
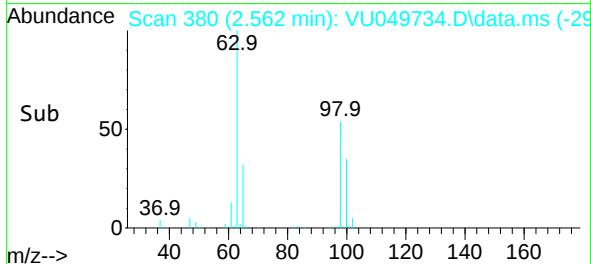
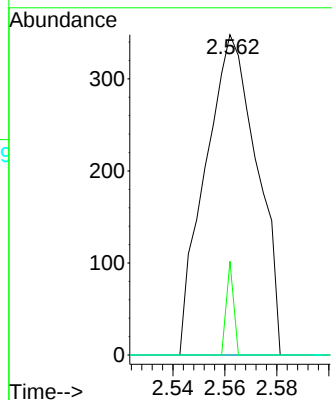
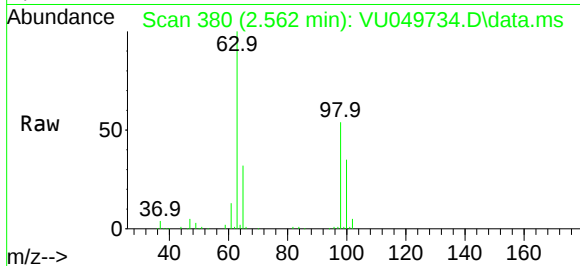




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.336 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049734.D
 Acq: 15 Jul 2022 14:14

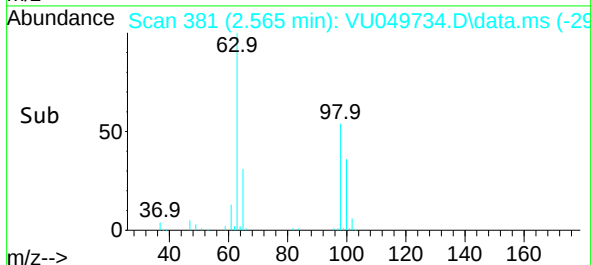
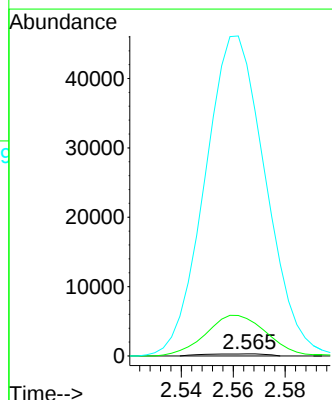
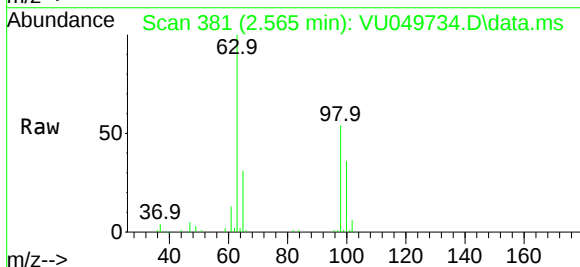
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B81

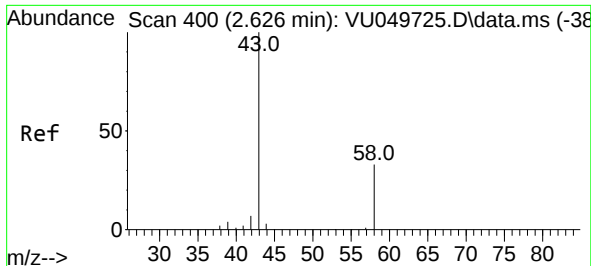
Tgt Ion:101 Resp: 481
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.387 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049734.D
 Acq: 15 Jul 2022 14:14

Tgt Ion: 96 Resp: 513
 Ion Ratio Lower Upper
 96 100
 61 1743.9 129.6 240.6#
 63 13574.2 79.0 146.6#





#13

Acetone

Concen: 11.698 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU049734.D

Acq: 15 Jul 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

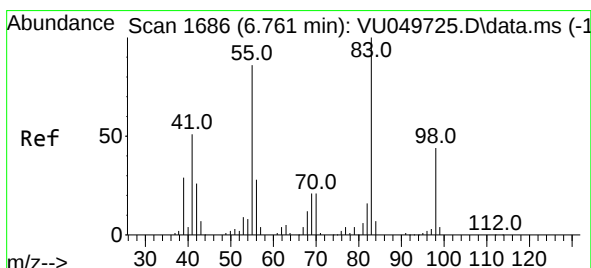
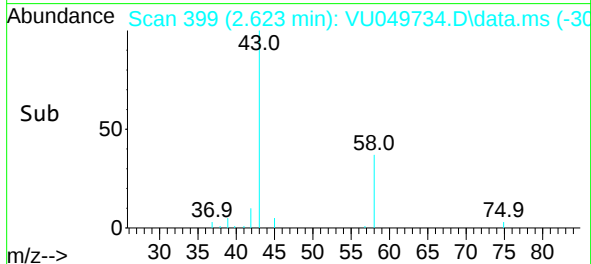
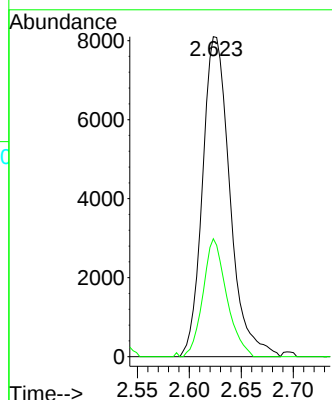
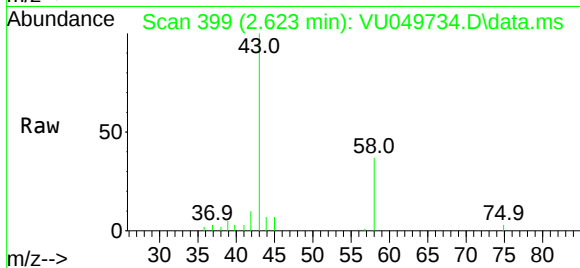
F5B81

Tgt Ion: 43 Resp: 14859

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.4



#35

Methylcyclohexane

Concen: 8.273 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049734.D

Acq: 15 Jul 2022 14:14

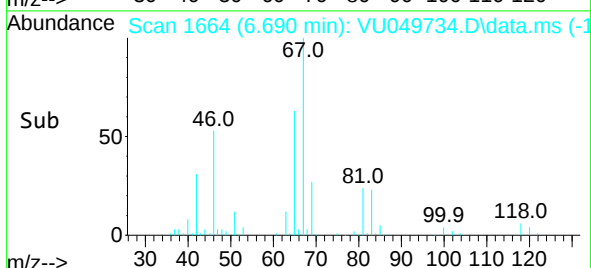
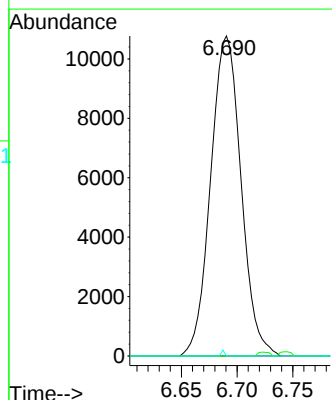
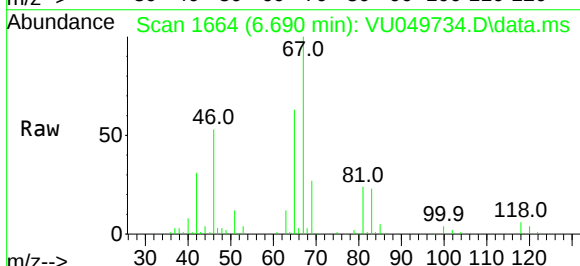
Tgt Ion: 83 Resp: 20468

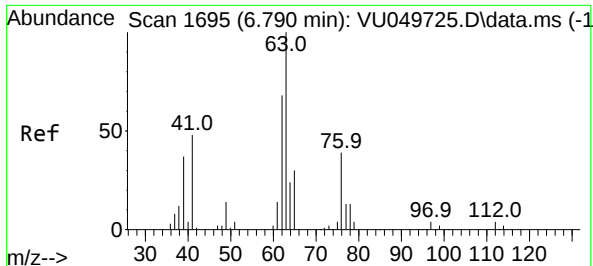
Ion Ratio Lower Upper

83 100

55 0.4 66.0 99.0#

98 0.4 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.780 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049734.D

Acq: 15 Jul 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

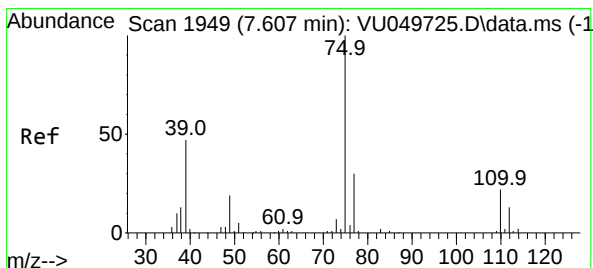
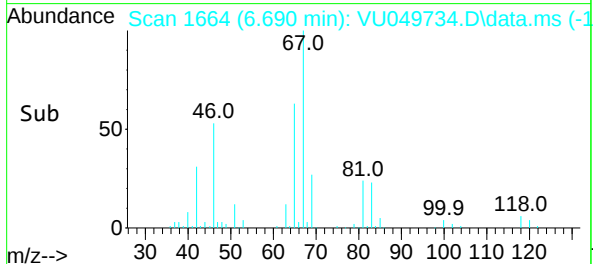
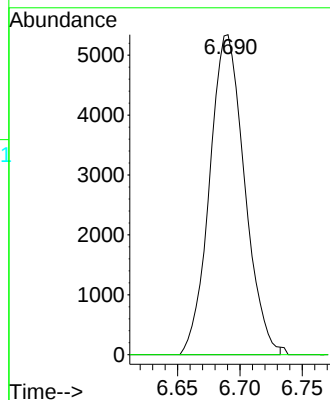
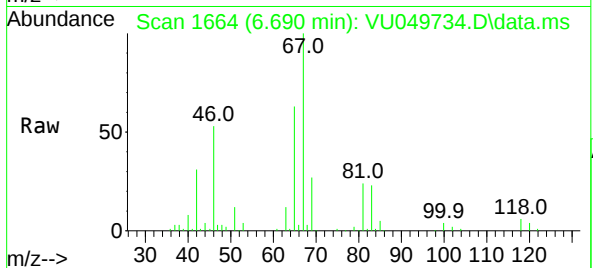
F5B81

Tgt Ion: 63 Resp: 10435

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049734.D

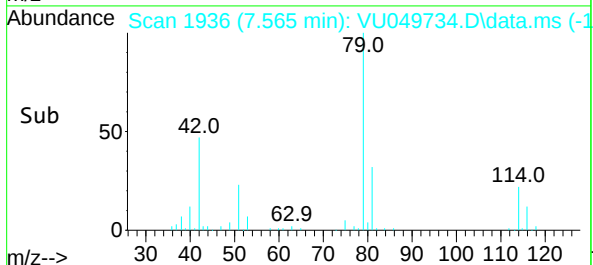
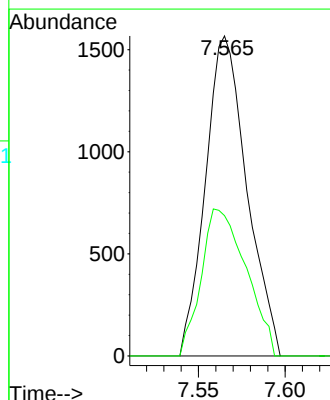
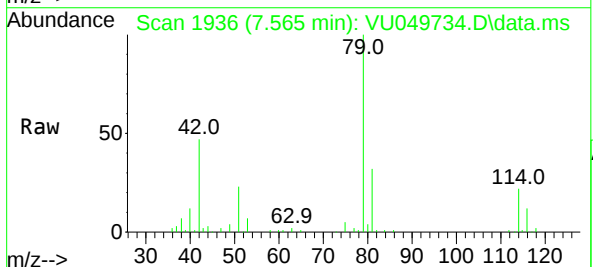
Acq: 15 Jul 2022 14:14

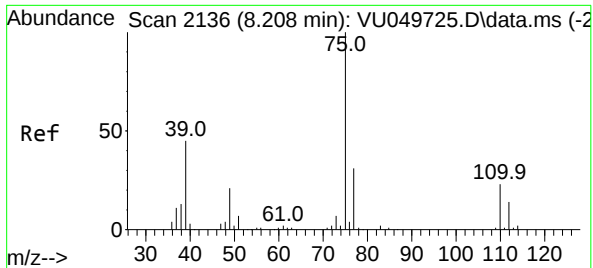
Tgt Ion: 75 Resp: 2597

Ion Ratio Lower Upper

75 100

77 43.8 22.6 42.0#





#44
 trans-1,3-Dichloropropene
 Concen: 0.709 ug/L
 RT: 8.176 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU049734.D
 Acq: 15 Jul 2022 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B81

Tgt Ion: 75 Resp: 1621
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.5 41.9

