

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\New folder\
 Data File : VU049756.D
 Acq On : 18 Jul 2022 13:17
 Operator : SY/MD
 Sample : N3748-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E6

Quant Time: Jul 18 17:57:43 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)

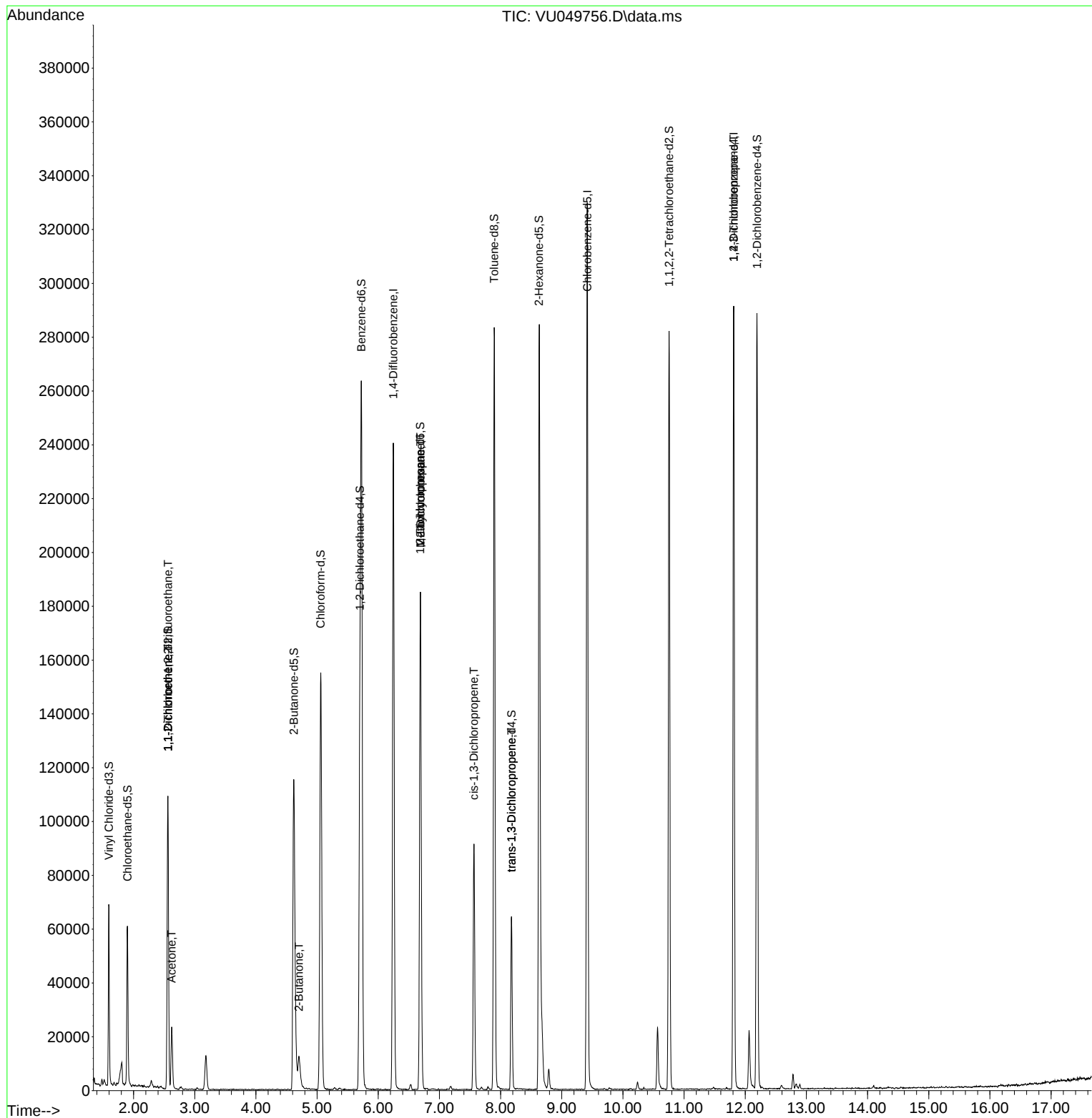
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	181659	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	170493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71789	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	47954	31.286	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	62.580%	
7) Chloroethane-d5	1.900	69	43041	38.848	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.700%	
11) 1,1-Dichloroethene-d2	2.562	63	66266	24.476	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	48.960%#	
21) 2-Butanone-d5	4.620	46	163994	125.335	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	125.330%	
24) Chloroform-d	5.060	84	128274	47.251	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.500%	
26) 1,2-Dichloroethane-d4	5.700	65	91447	49.772	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.540%	
32) Benzene-d6	5.726	84	223438	43.139	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.280%	
36) 1,2-Dichloropropane-d6	6.687	67	86924	49.894	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.780%	
41) Toluene-d8	7.896	98	180503	40.018	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.040%	
43) trans-1,3-Dichloroprop...	8.179	79	35028	47.721	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.440%	
47) 2-Hexanone-d5	8.629	63	84315	107.589	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	107.590%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	135484	55.579	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	111.160%	
66) 1,2-Dichlorobenzene-d4	12.192	152	69860	51.613	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.220%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	569	0.407	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	473	0.364	ug/L #	1
13) Acetone	2.623	43	26550	21.351	ug/L	100
22) 2-Butanone	4.703	43	16912	10.158	ug/L	96
35) Methylcyclohexane	6.690	83	19425	7.980	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9741	5.484	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2451	1.023	ug/L #	55
44) trans-1,3-Dichloropropene	8.179	75	1687	0.750	ug/L #	83
60) 1,2,3-Trichloropropane	11.812	75	10173	5.320	ug/L #	68

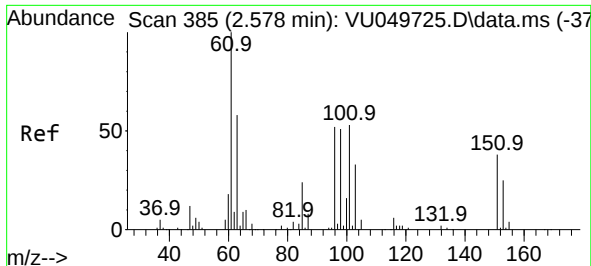
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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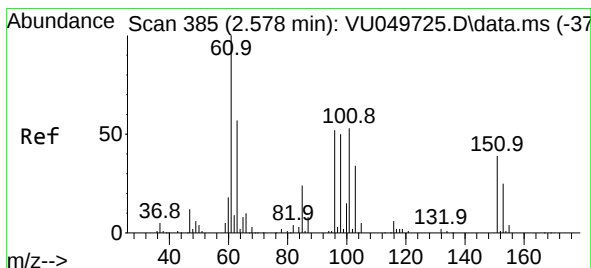
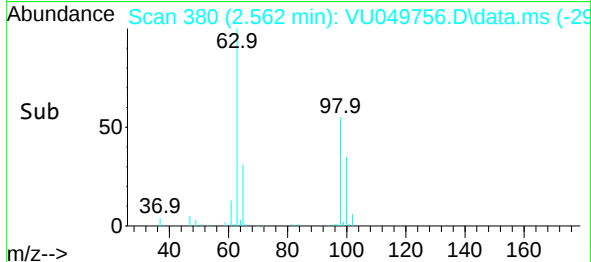
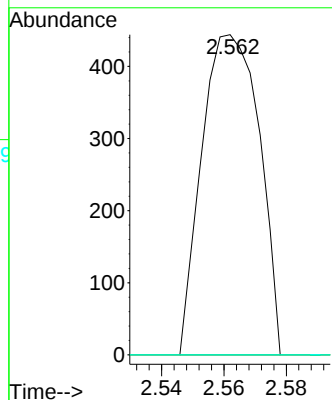
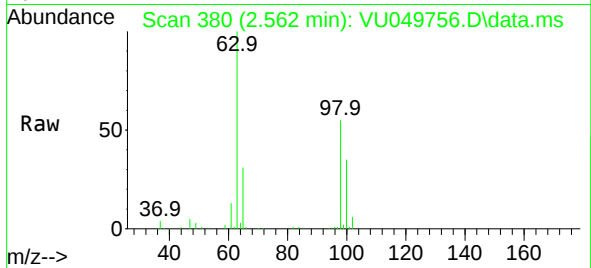




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.407 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049756.D
 Acq: 18 Jul 2022 13:17

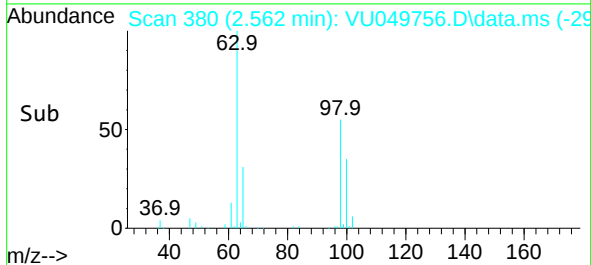
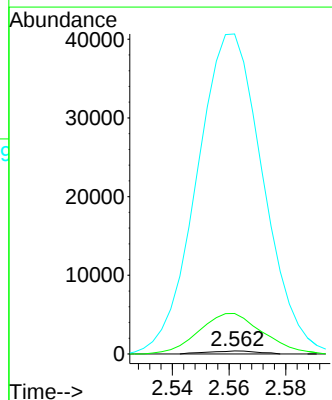
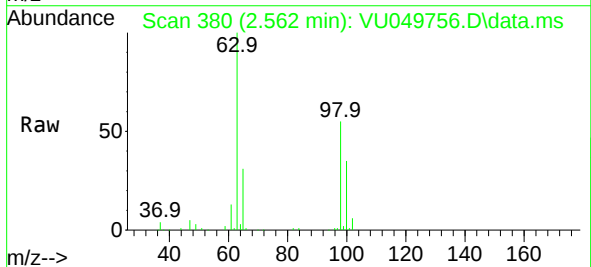
Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E6

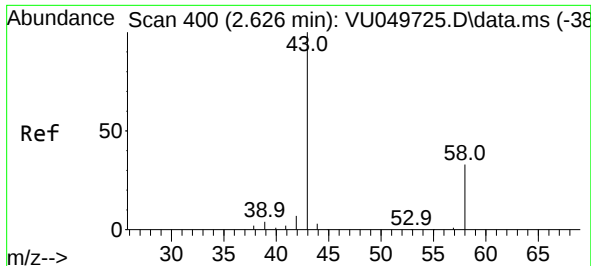
Tgt Ion:101 Resp: 569
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.364 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049756.D
 Acq: 18 Jul 2022 13:17

Tgt Ion: 96 Resp: 473
 Ion Ratio Lower Upper
 96 100
 61 1331.8 129.6 240.6#
 63 10509.6 79.0 146.6#





#13

Acetone

Concen: 21.351 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU049756.D

Acq: 18 Jul 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

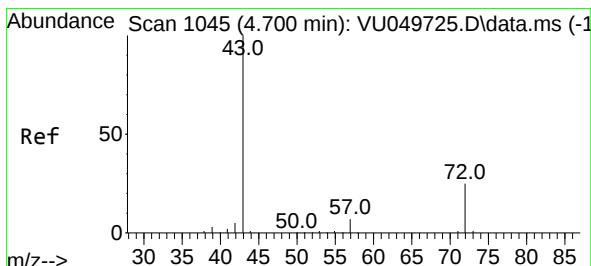
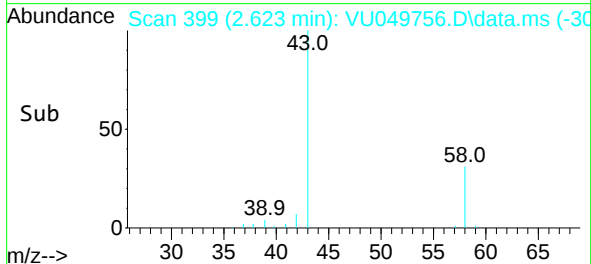
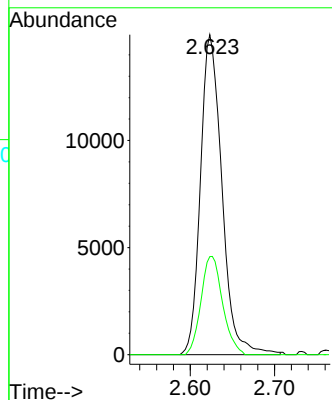
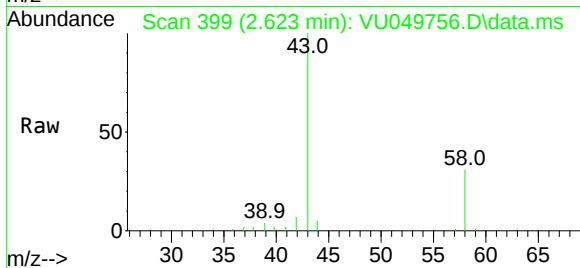
BH0E6

Tgt Ion: 43 Resp: 26550

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.4



#22

2-Butanone

Concen: 10.158 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU049756.D

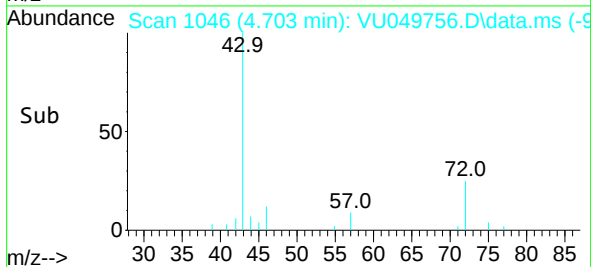
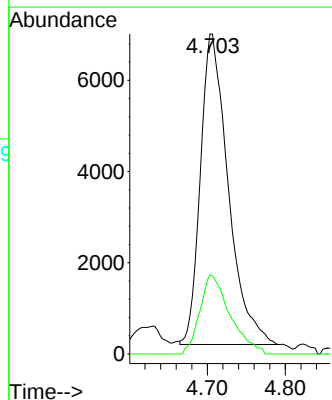
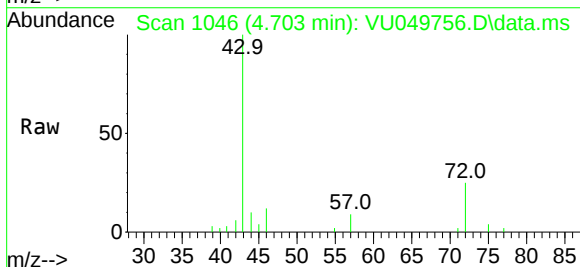
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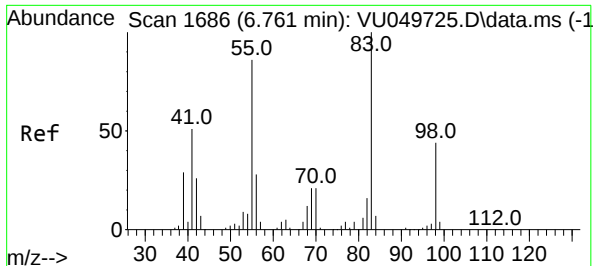
Tgt Ion: 43 Resp: 16912

Ion Ratio Lower Upper

43 100

72 27.5 12.7 38.0

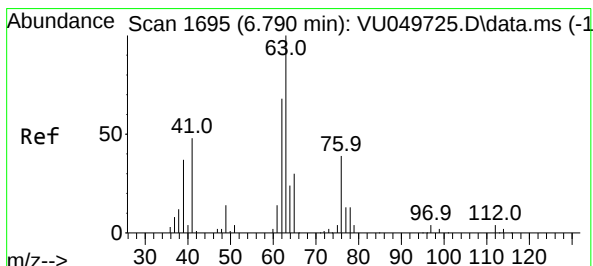
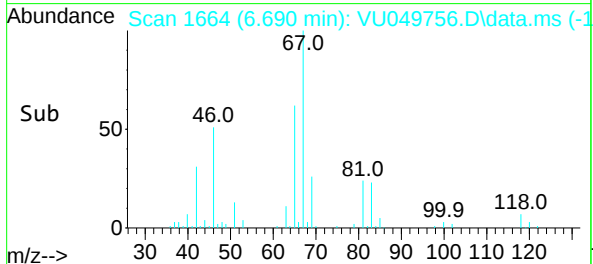
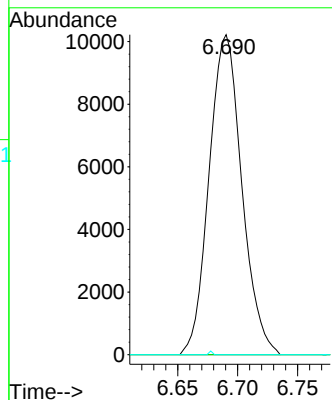
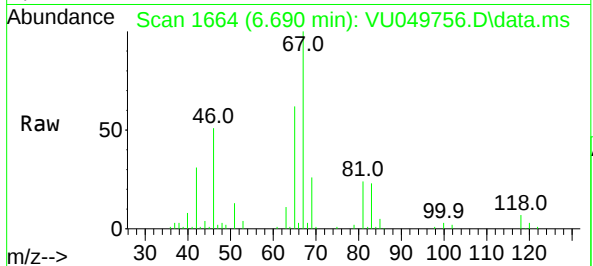




#35
Methylcyclohexane
Concen: 7.980 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049756.D
Acq: 18 Jul 2022 13:17

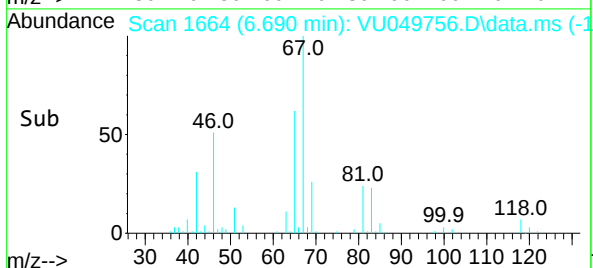
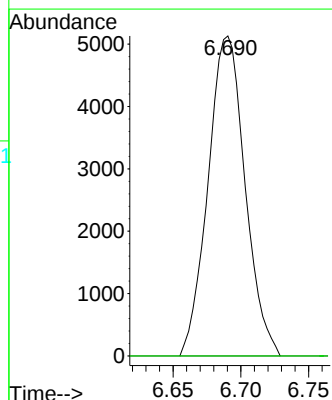
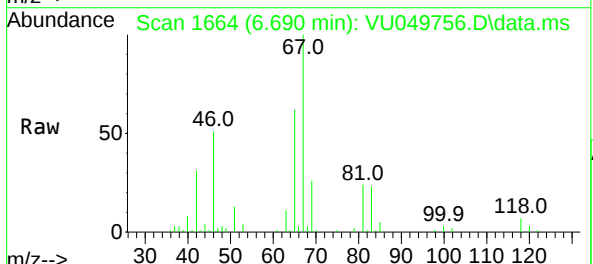
Instrument :
MSVOA_U
ClientSampleId :
BH0E6

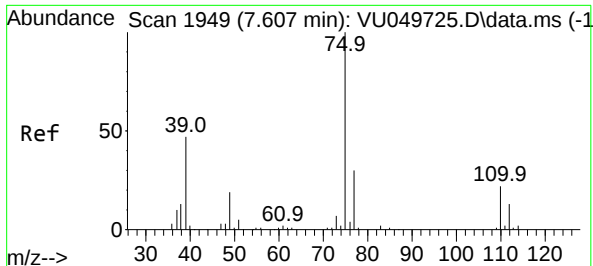
Tgt Ion: 83 Resp: 19425
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.7 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.484 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049756.D
Acq: 18 Jul 2022 13:17

Tgt Ion: 63 Resp: 9741
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.023 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049756.D

Acq: 18 Jul 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

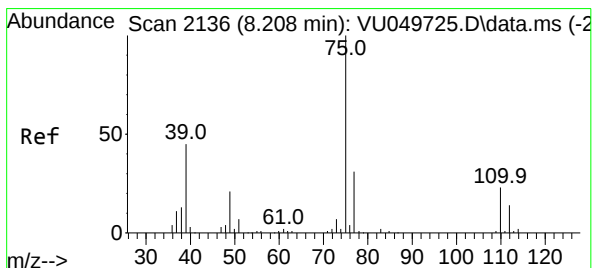
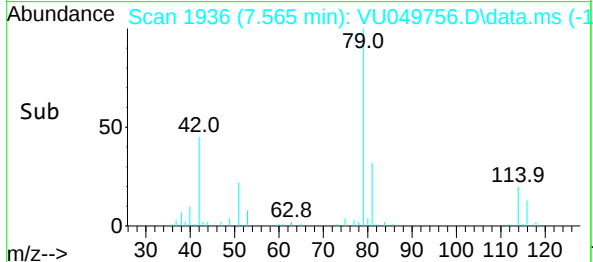
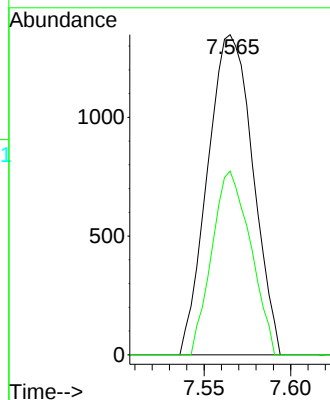
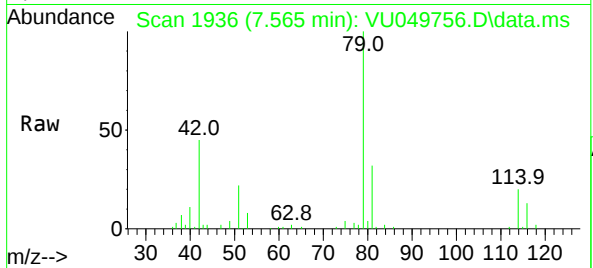
BH0E6

Tgt Ion: 75 Resp: 2451

Ion Ratio Lower Upper

75 100

77 57.3 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049756.D

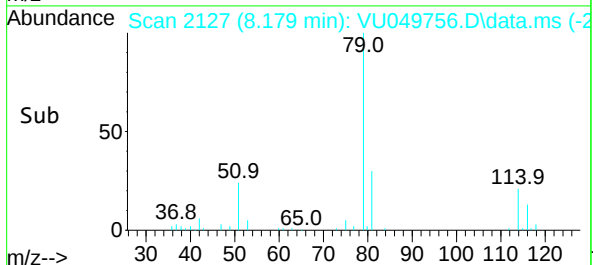
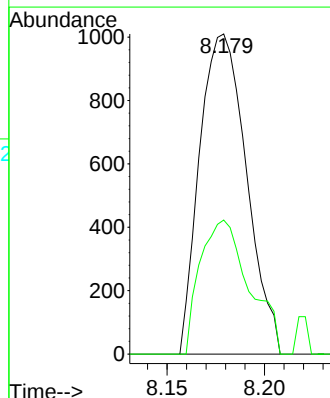
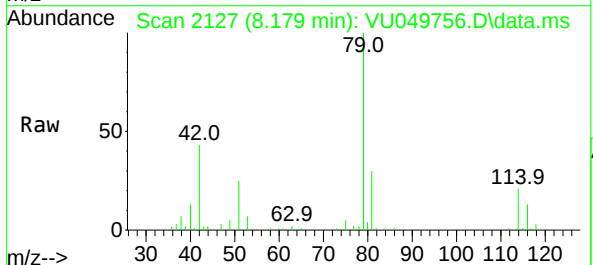
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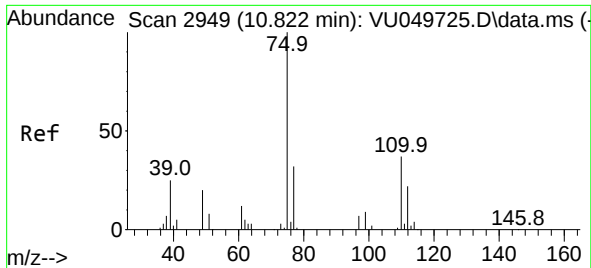
Tgt Ion: 75 Resp: 1687

Ion Ratio Lower Upper

75 100

77 41.9 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.320 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049756.D
 Acq: 18 Jul 2022 13:17

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Tgt Ion: 75 Resp: 10173
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 110 1.7 28.9 43.3#

