

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051755.D
 Acq On : 04 Nov 2022 13:06
 Operator : JC/MD
 Sample : N5407-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 04 22:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

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

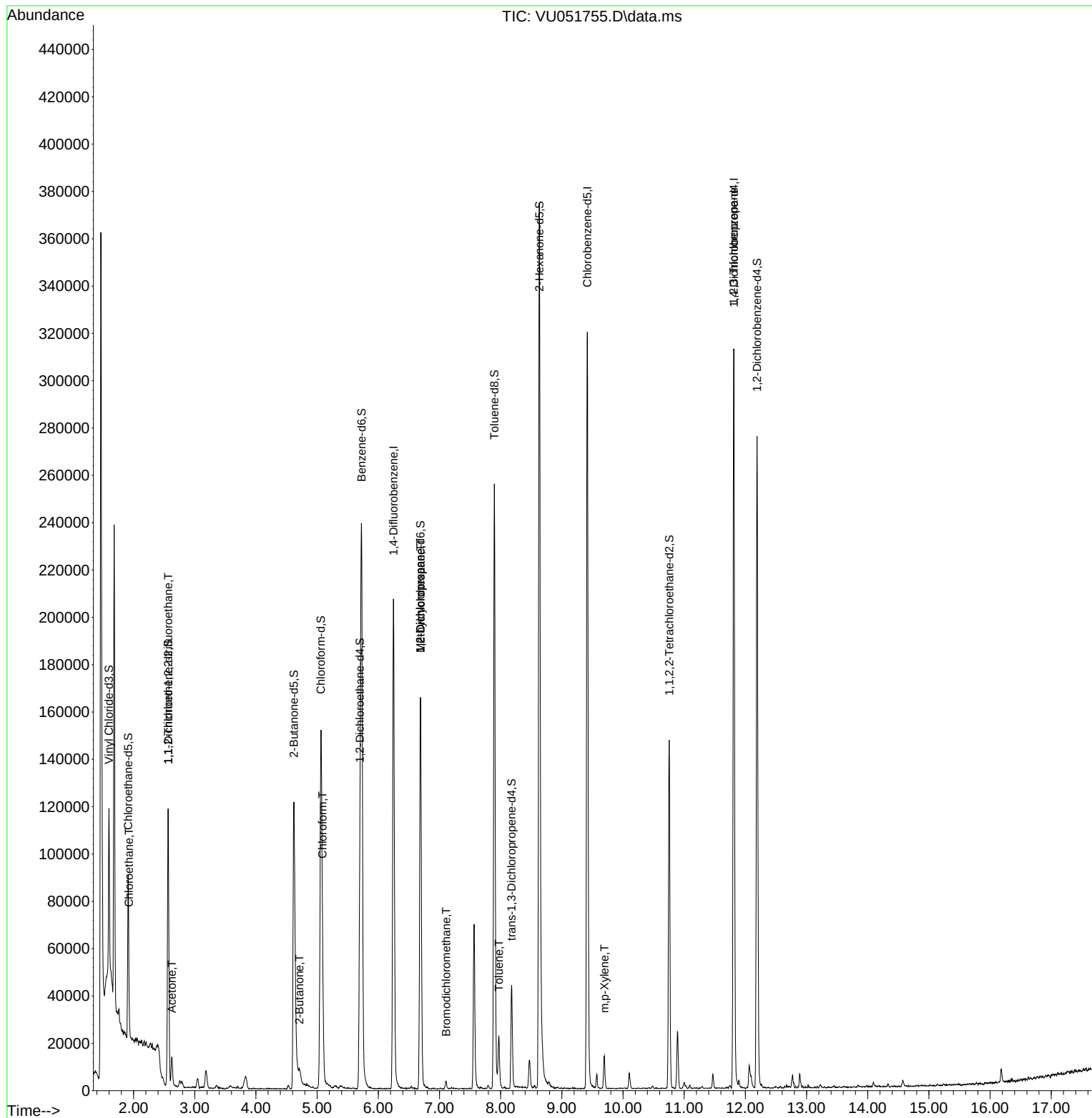
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	171587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	188158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51390	3.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.913	69	52269	3.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.565	65	21926	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.620	46	173334	37.036	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.080%
24) Chloroform-d	5.060	84	130997	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.700	65	66174	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.726	84	234926	3.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.690	67	83030	3.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.896	98	179335	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.179	79	25298	3.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.633	63	127150	33.271	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.540%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74751	3.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	76073	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.922	64	1164	0.085	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	727	0.050	ug/L #	19
13) Acetone	2.623	43	13861	5.837	ug/L	100
21) 2-Butanone	4.710	43	9200	2.474	ug/L #	62
25) Chloroform	5.086	83	33580	1.096	ug/L	100
35) Methylcyclohexane	6.690	83	18791	0.758	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8731	0.457	ug/L #	88
38) Bromodichloromethane	7.108	83	2477	0.106	ug/L #	85
42) Toluene	7.970	91	16866	0.221	ug/L	92
53) m,p-Xylene	9.697	106	3850	0.135	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	10428	0.903	ug/L #	68

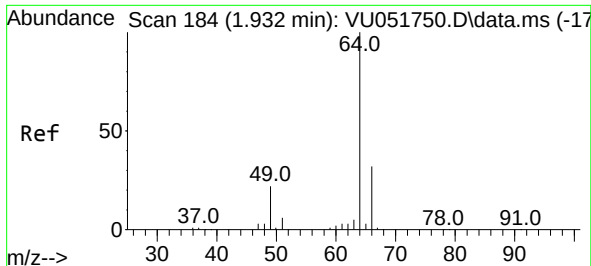
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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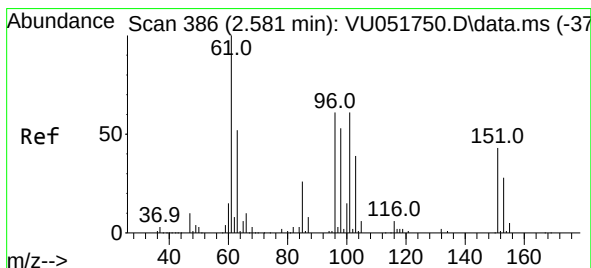
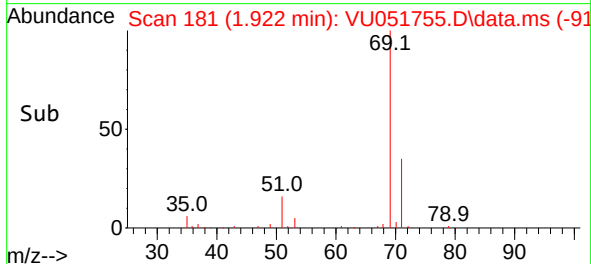
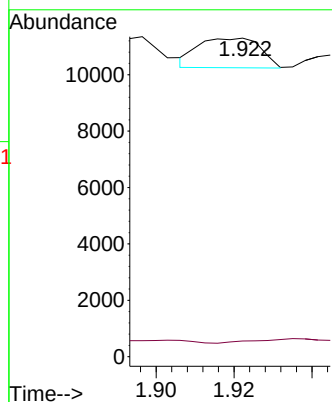
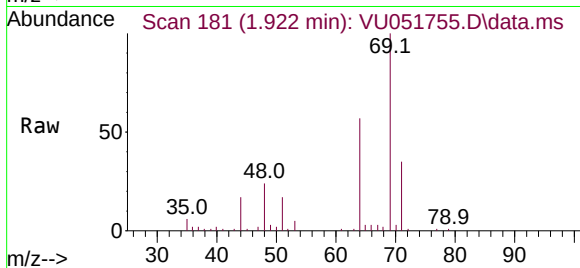




#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU051755.D
Acq: 04 Nov 2022 13:06

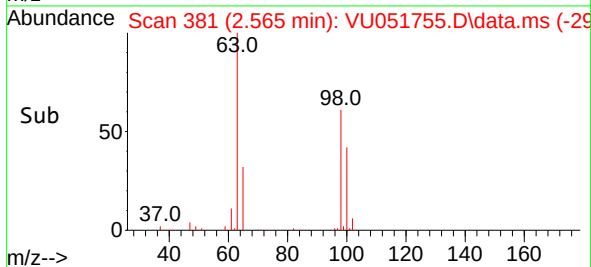
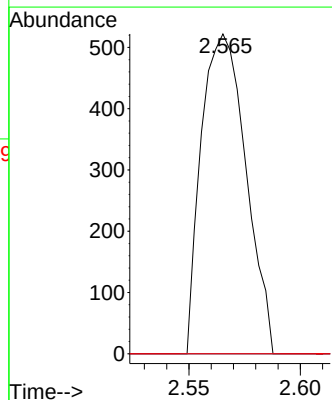
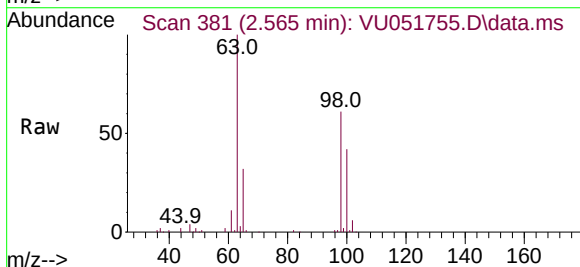
Instrument :
MSVOA_U
ClientSampleId :

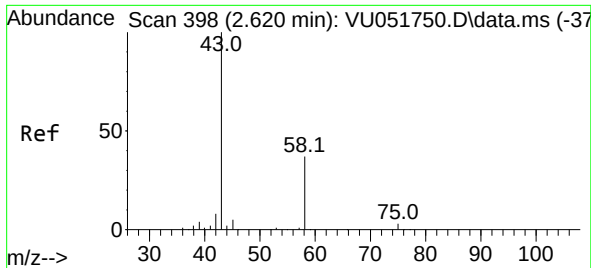
Tgt Ion: 64 Resp: 1164
Ion Ratio Lower Upper
64 100
66 4.9 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU051755.D
Acq: 04 Nov 2022 13:06

Tgt Ion:101 Resp: 727
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#





#13

Acetone

Concen: 5.837 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051755.D

Acq: 04 Nov 2022 13:06

Instrument :

MSVOA_U

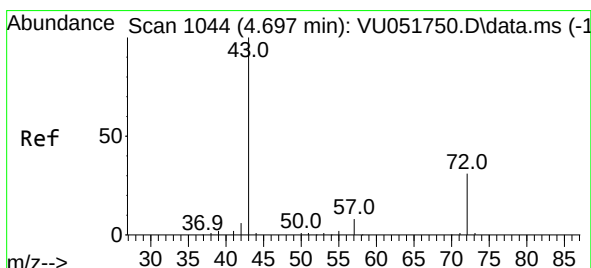
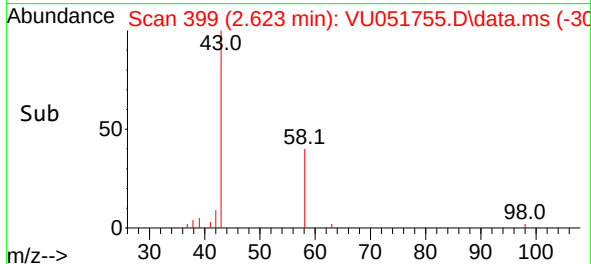
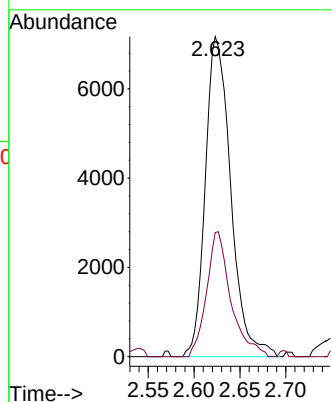
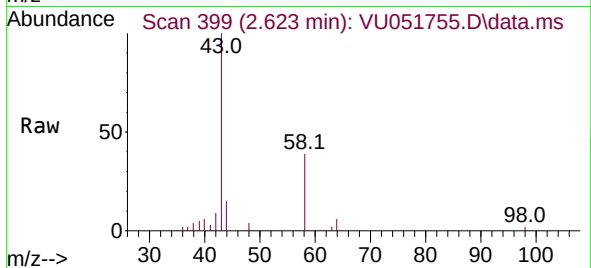
ClientSampleId :

Tgt Ion: 43 Resp: 13861

Ion Ratio Lower Upper

43 100

58 37.2 0.0 73.8



#21

2-Butanone

Concen: 2.474 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.013 min

Lab File: VU051755.D

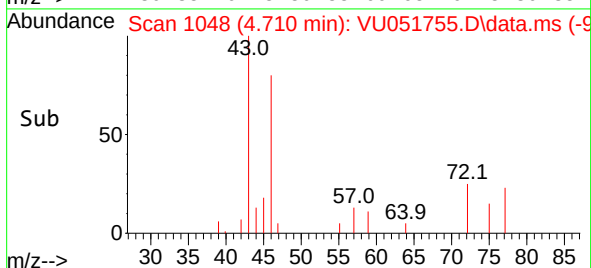
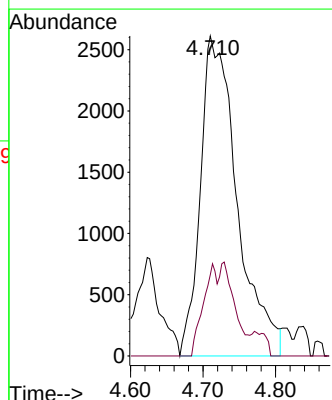
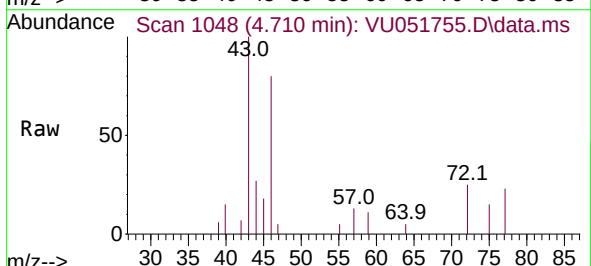
Acq: 04 Nov 2022 13:06

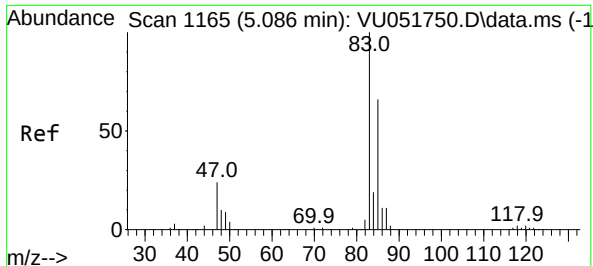
Tgt Ion: 43 Resp: 9200

Ion Ratio Lower Upper

43 100

72 10.9 16.2 48.5#





#25

Chloroform

Concen: 1.096 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051755.D

Acq: 04 Nov 2022 13:06

Instrument :

MSVOA_U

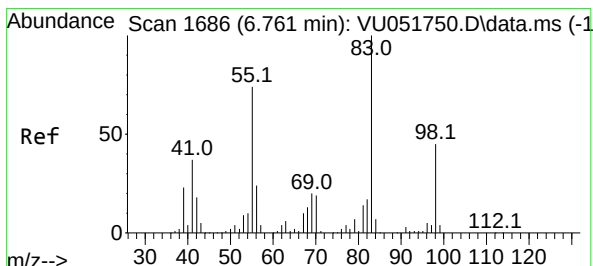
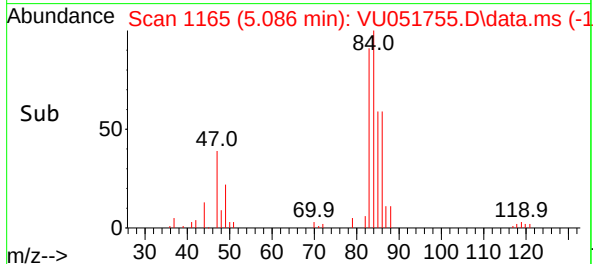
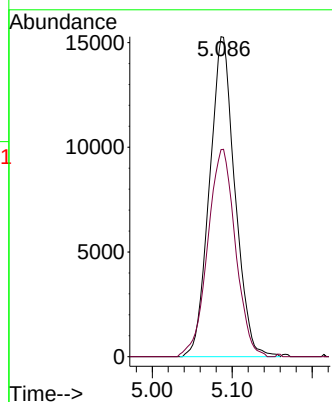
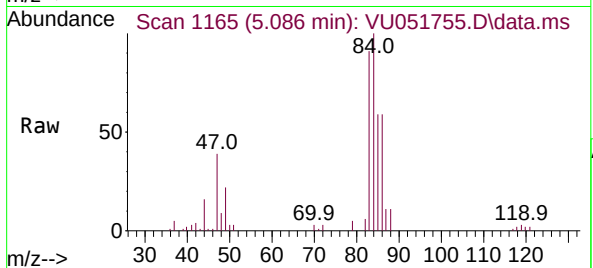
ClientSampleId :

Tgt Ion: 83 Resp: 33580

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051755.D

Acq: 04 Nov 2022 13:06

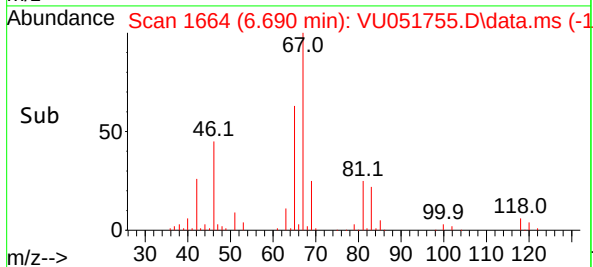
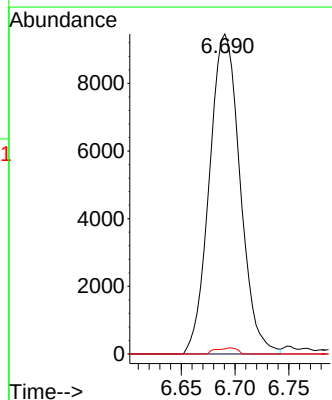
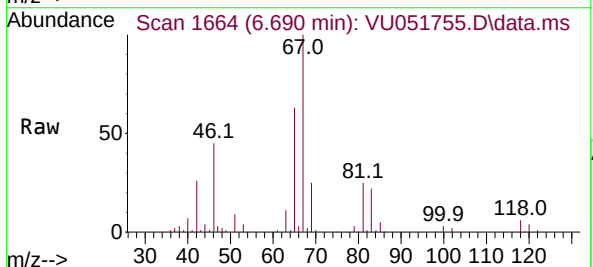
Tgt Ion: 83 Resp: 18791

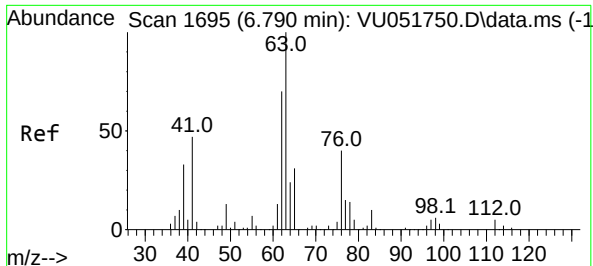
Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 1.3 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.457 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU051755.D

Acq: 04 Nov 2022 13:06

Instrument :

MSVOA_U

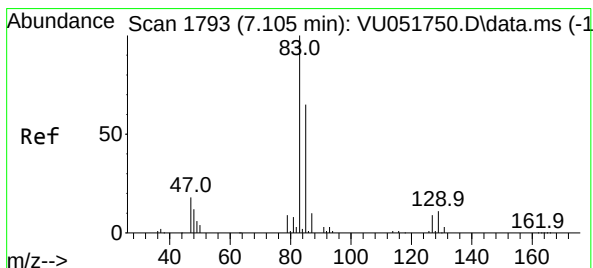
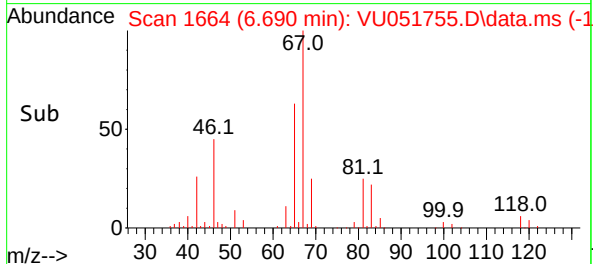
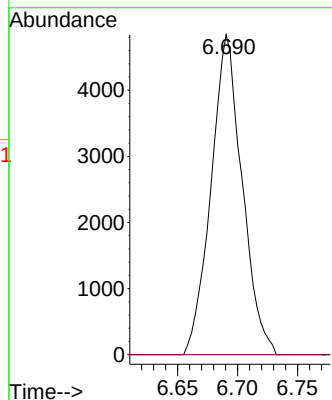
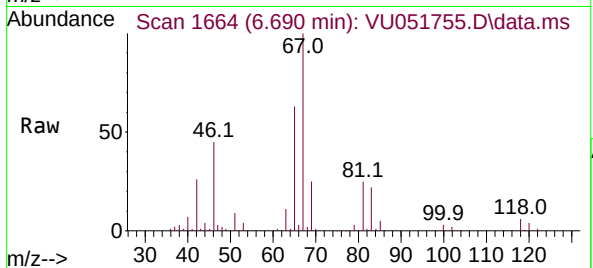
ClientSampleId :

Tgt Ion: 63 Resp: 8731

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.106 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU051755.D

Acq: 04 Nov 2022 13:06

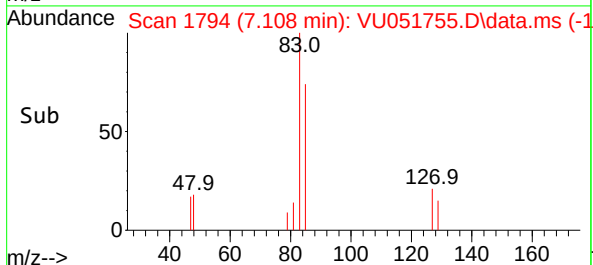
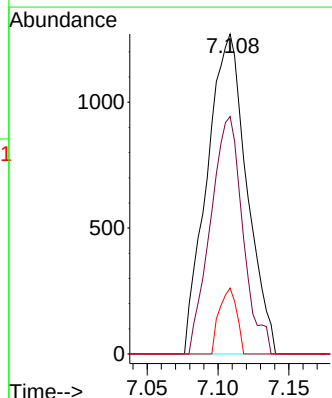
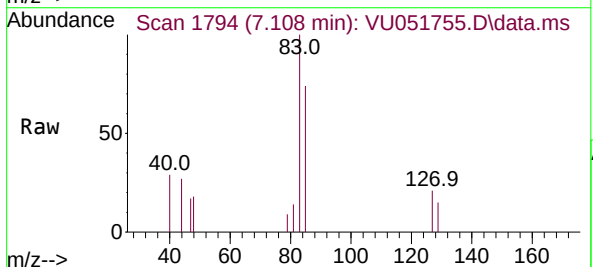
Tgt Ion: 83 Resp: 2477

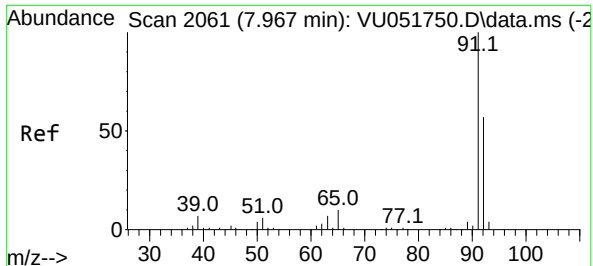
Ion Ratio Lower Upper

83 100

85 74.2 45.1 83.7

127 20.6 6.6 9.8#





#42

Toluene

Concen: 0.221 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051755.D

Acq: 04 Nov 2022 13:06

Instrument :

MSVOA_U

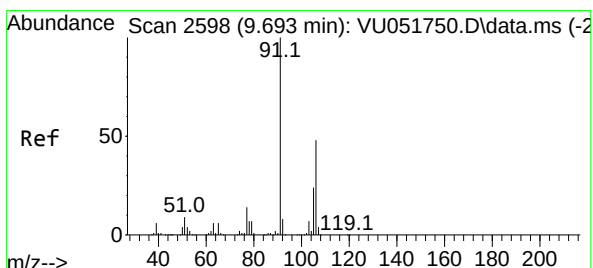
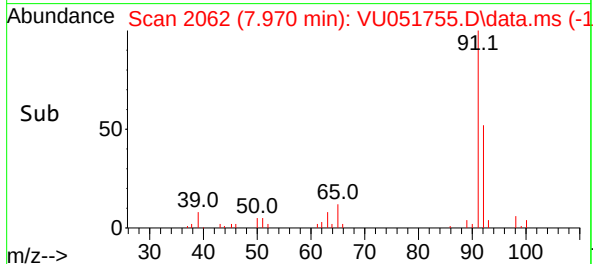
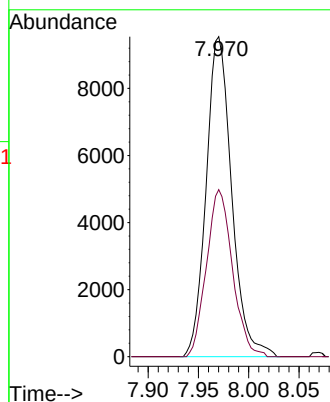
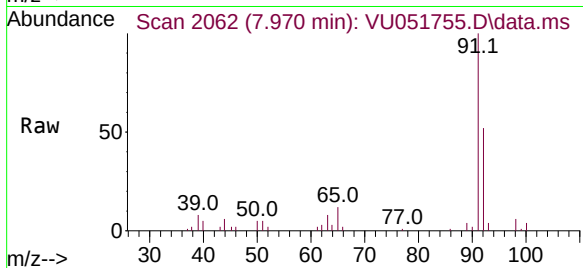
ClientSampleId :

Tgt Ion: 91 Resp: 16866

Ion Ratio Lower Upper

91 100

92 52.2 40.5 75.3



#53

m,p-Xylene

Concen: 0.135 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU051755.D

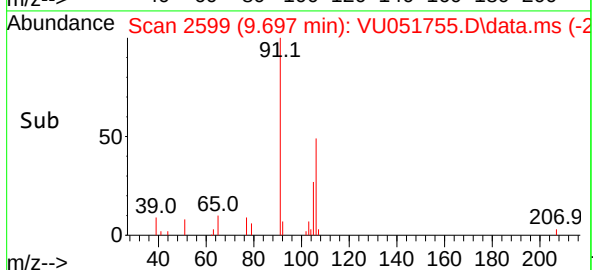
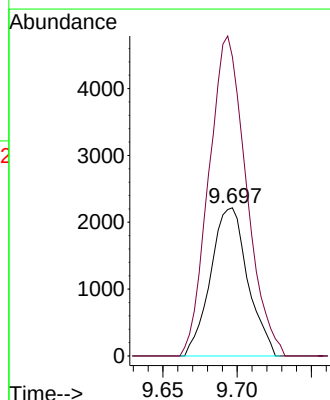
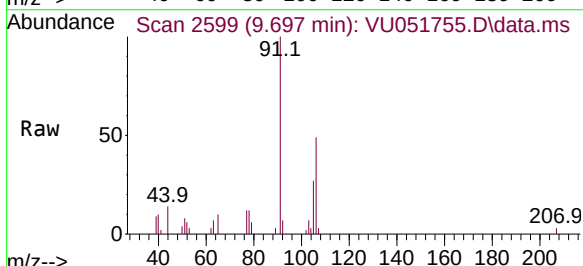
Acq: 04 Nov 2022 13:06

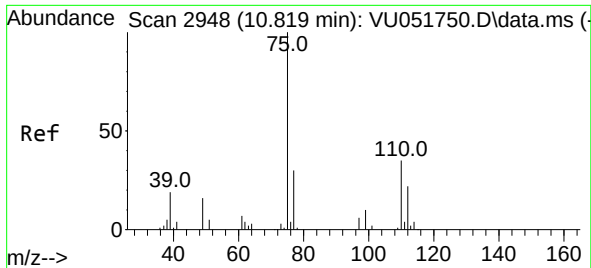
Tgt Ion: 106 Resp: 3850

Ion Ratio Lower Upper

106 100

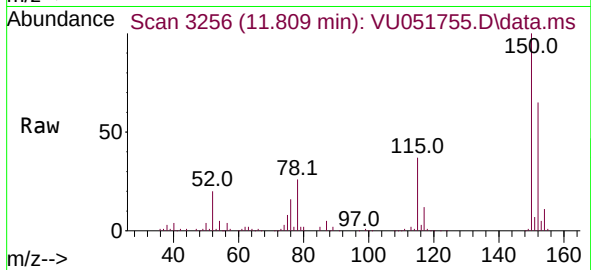
91 202.0 139.4 259.0





#61
 1,2,3-Trichloropropane
 Concen: 0.903 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051755.D
 Acq: 04 Nov 2022 13:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10428
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.7 43.1#
 77 30.8 26.1 39.1

