

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051542.D
 Acq On : 27 Oct 2022 16:17
 Operator : JC/MD
 Sample : N5270-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE1

Quant Time: Oct 28 00:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

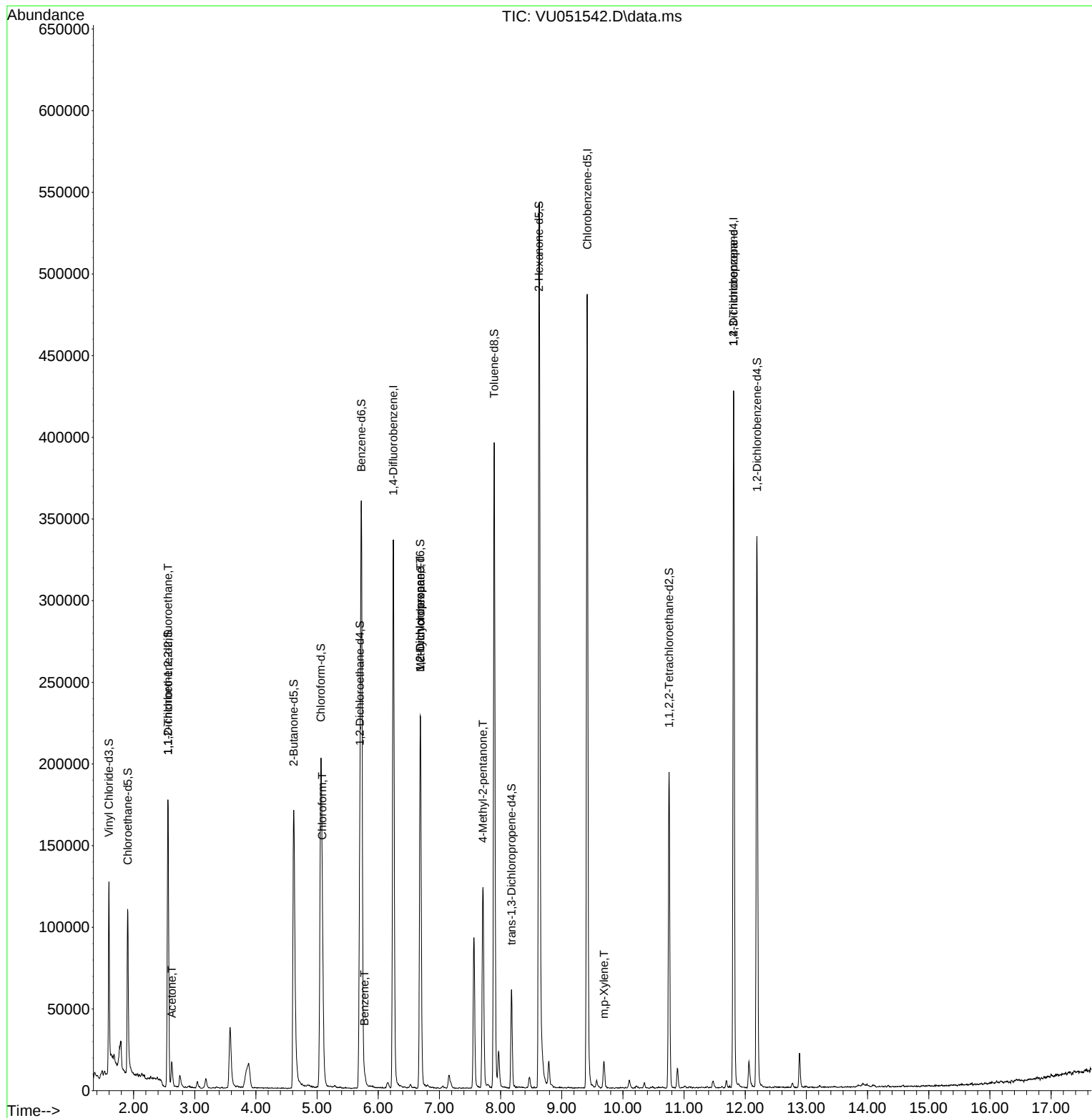
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	282403	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	283956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89183	3.915	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.903	69	85798	4.383	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.562	65	32705	3.632	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	4.616	46	246390	49.127	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.260%	
24) Chloroform-d	5.060	84	178011	4.192	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.700	65	92821	4.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.726	84	347536	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.687	67	115908	4.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.896	98	276918	3.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	8.179	79	33975	3.898	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.629	63	188821	64.278	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	128.560%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	97545	4.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	98719	4.769	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1062	0.048	ug/L #	21
13) Acetone	2.626	43	16625	4.420	ug/L	97
25) Chloroform	5.086	83	73080	1.565	ug/L	99
33) Benzene	5.774	78	5791	0.061	ug/L	100
35) Methylcyclohexane	6.690	83	26330	0.882	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	11891	0.458	ug/L #	88
40) 4-Methyl-2-pentanone	7.713	43	51151	3.752	ug/L #	44
53) m,p-Xylene	9.693	106	4514	0.129	ug/L	79
61) 1,2,3-Trichloropropane	11.809	75	13084	0.870	ug/L #	71

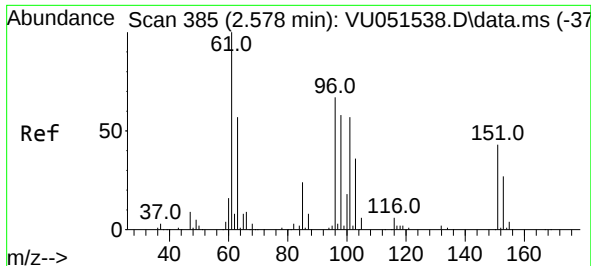
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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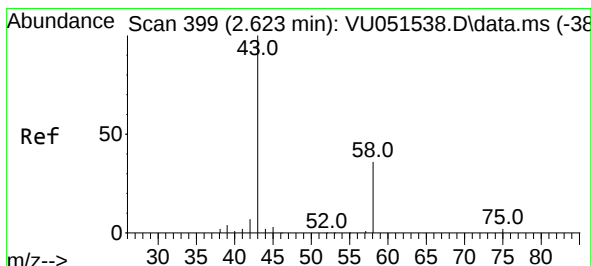
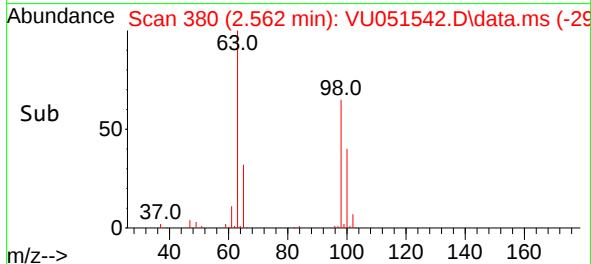
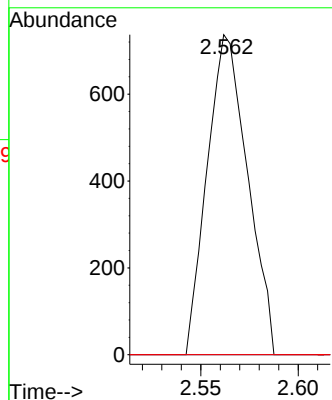
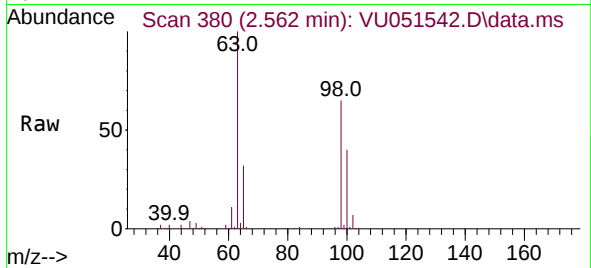




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.562 min Scan# 385
Delta R.T. -0.016 min
Lab File: VU051542.D
Acq: 27 Oct 2022 16:17

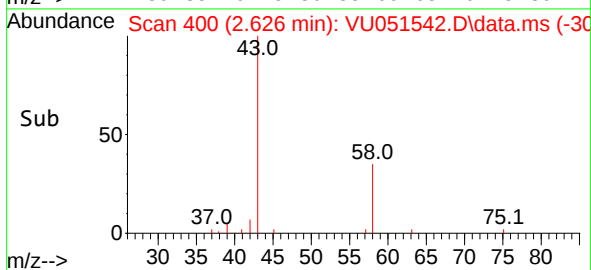
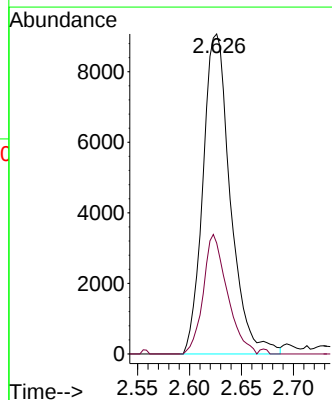
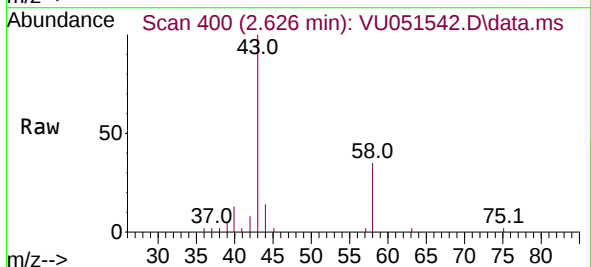
Instrument :
MSVOA_U
ClientSampleId :
BHA1

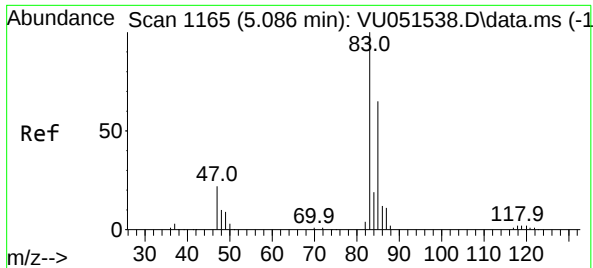
Tgt Ion:101 Resp: 1062
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#13
Acetone
Concen: 4.420 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051542.D
Acq: 27 Oct 2022 16:17

Tgt Ion: 43 Resp: 16625
Ion Ratio Lower Upper
43 100
58 32.7 0.0 68.8

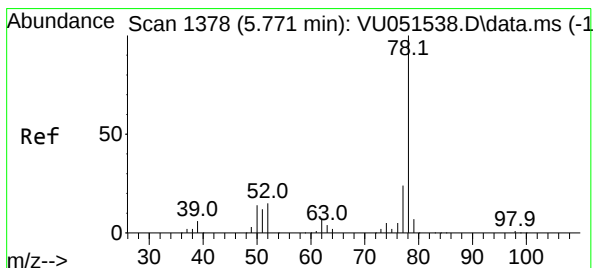
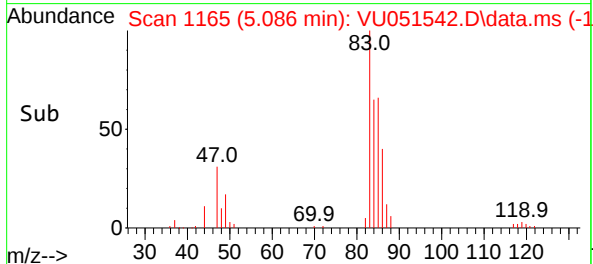
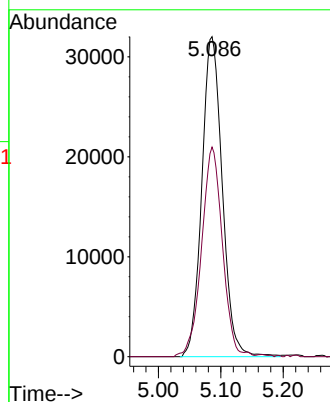
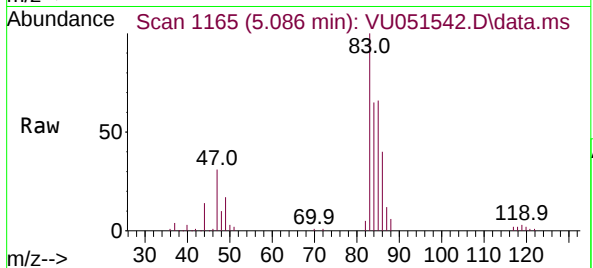




#25
Chloroform
Concen: 1.565 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU051542.D
Acq: 27 Oct 2022 16:17

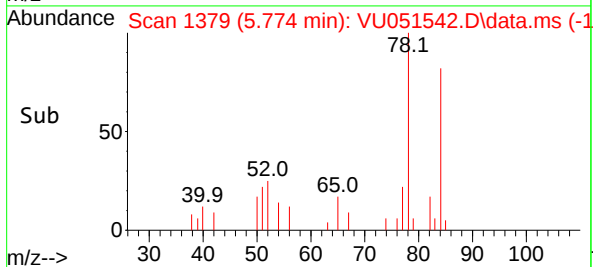
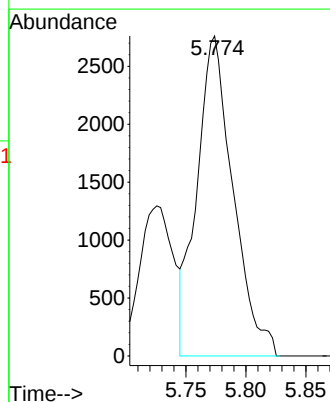
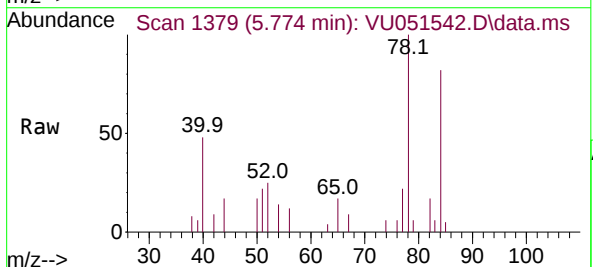
Instrument :
MSVOA_U
ClientSampleId :
BHA1

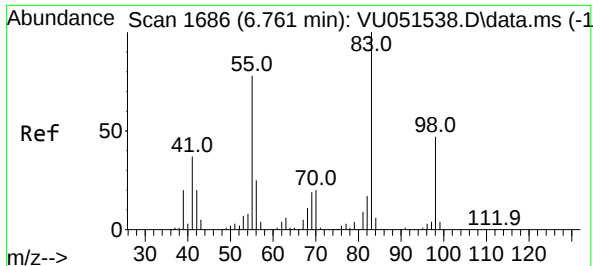
Tgt Ion: 83 Resp: 73080
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6



#33
Benzene
Concen: 0.061 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051542.D
Acq: 27 Oct 2022 16:17

Tgt Ion: 78 Resp: 5791





#35

Methylcyclohexane

Concen: 0.882 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051542.D

Acq: 27 Oct 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

BHAE1

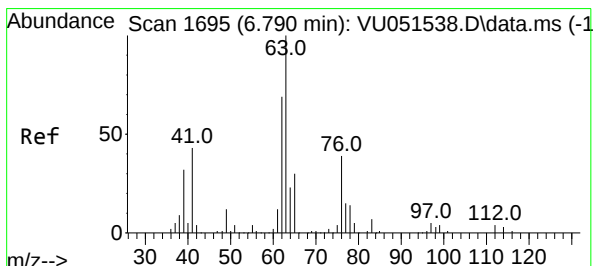
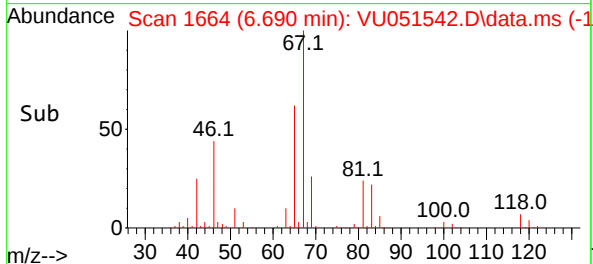
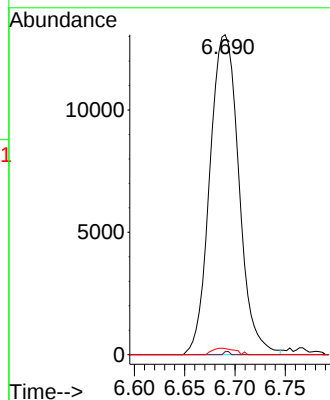
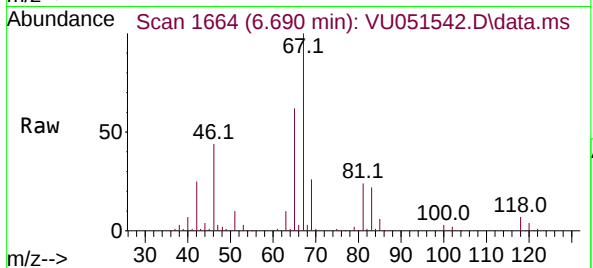
Tgt Ion: 83 Resp: 26330

Ion Ratio Lower Upper

83 100

55 0.2 65.8 98.6#

98 1.6 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.458 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051542.D

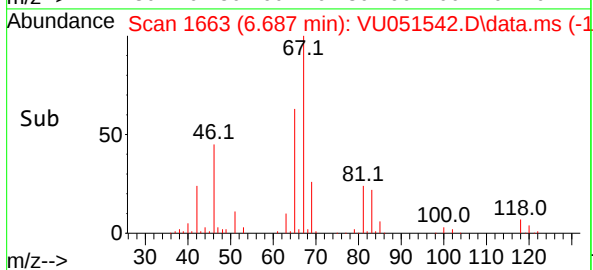
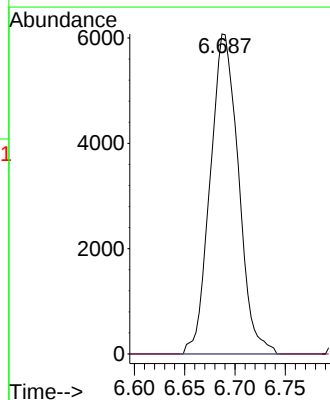
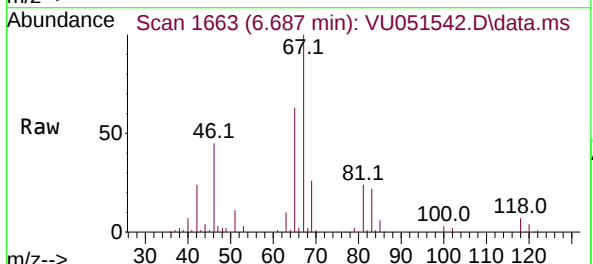
Acq: 27 Oct 2022 16:17

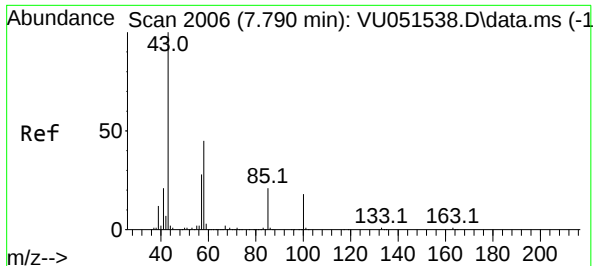
Tgt Ion: 63 Resp: 11891

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#40

4-Methyl-2-pentanone

Concen: 3.752 ug/L

RT: 7.713 min Scan# 1982

Delta R.T. -0.077 min

Lab File: VU051542.D

Acq: 27 Oct 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :

BHAE1

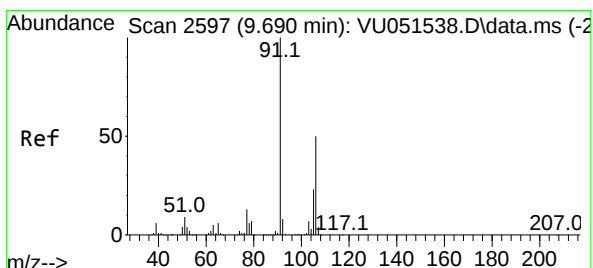
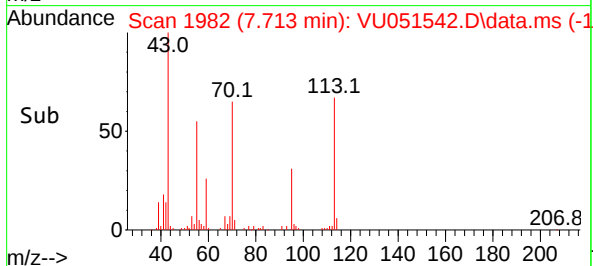
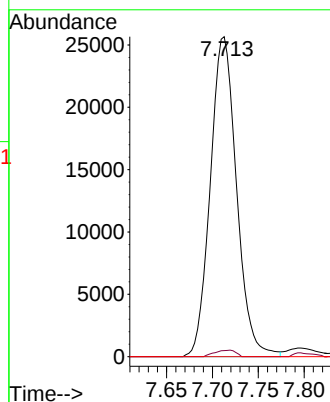
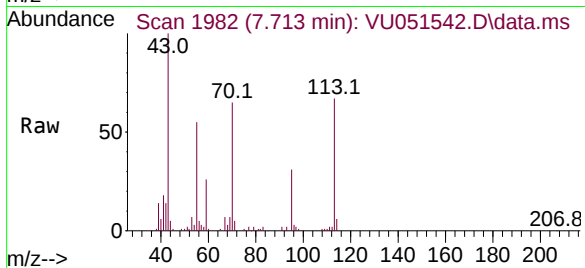
Tgt Ion: 43 Resp: 51151

Ion Ratio Lower Upper

43 100

58 1.6 33.0 49.6#

100 0.0 11.8 17.6#



#53

m,p-Xylene

Concen: 0.129 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.003 min

Lab File: VU051542.D

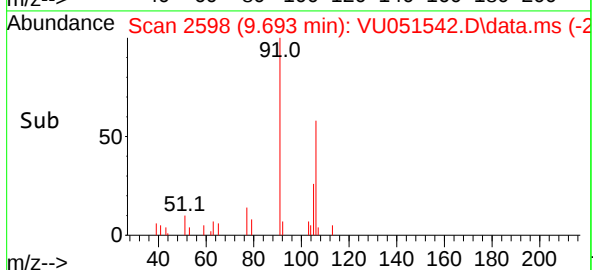
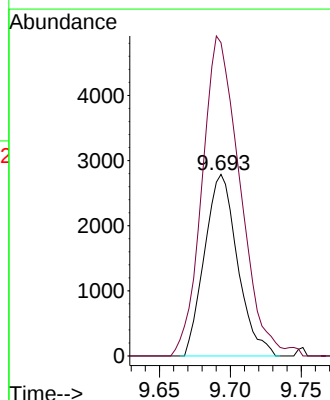
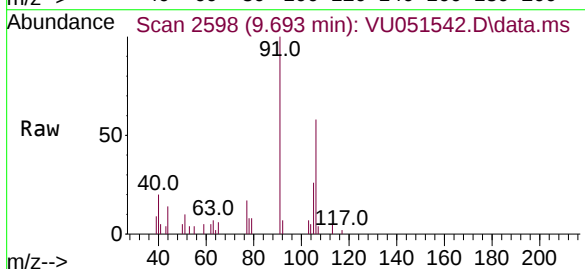
Acq: 27 Oct 2022 16:17

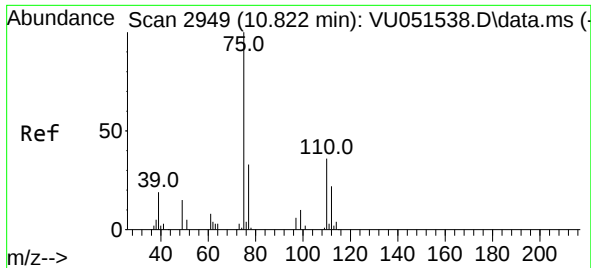
Tgt Ion: 106 Resp: 4514

Ion Ratio Lower Upper

106 100

91 172.5 143.9 267.3





#61

1,2,3-Trichloropropane

Concen: 0.870 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU051542.D

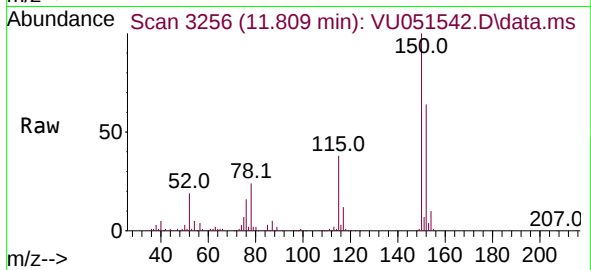
Acq: 27 Oct 2022 16:17

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Tgt Ion: 75 Resp: 13084

Ion Ratio Lower Upper

75 100

110 1.3 27.0 40.6#

77 33.0 26.4 39.6

