

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051249.D
 Acq On : 08 Oct 2022 04:28
 Operator : JC/MD
 Sample : N4900-1DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFS3DL

Quant Time: Oct 08 06:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

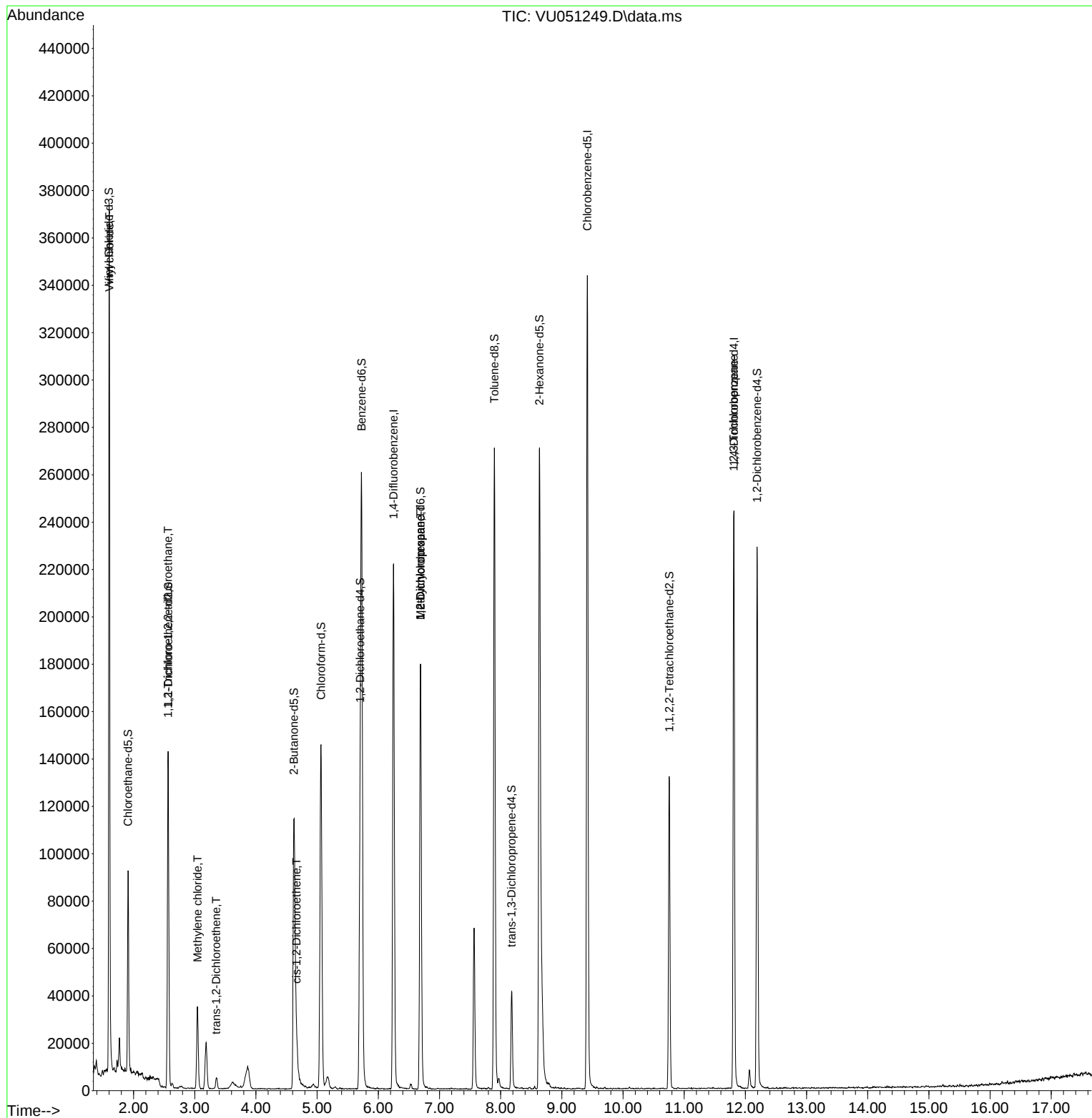
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	174494	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65859	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70257	4.992	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.800%	
7) Chloroethane-d5	1.909	69	62896	5.201	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.565	65	27602	4.961	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.200%	
20) 2-Butanone-d5	4.620	46	149160	48.132	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.260%	
24) Chloroform-d	5.063	84	137426	5.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.703	65	70495	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.726	84	246262	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.690	67	88329	4.957	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.896	98	186334	3.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.179	79	23798	4.065	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.632	63	73847	37.430	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.860%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	66045	4.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	60522	5.287	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	201128	10.260	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	704	0.052	ug/L #	21
16) Methylene chloride	3.044	84	15917	0.847	ug/L	93
18) trans-1,2-Dichloroethene	3.350	96	2335	0.174	ug/L #	71
22) cis-1,2-Dichloroethene	4.665	96	4354	0.294	ug/L	87
35) Methylcyclohexane	6.690	83	20216	1.009	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	8467	0.485	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	8512	1.024	ug/L #	69

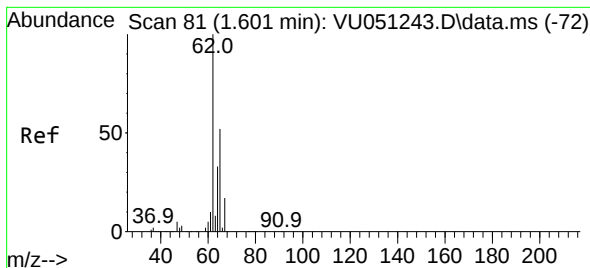
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.260 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU051249.D

Acq: 08 Oct 2022 04:28

Instrument :

MSVOA_U

ClientSampleId :

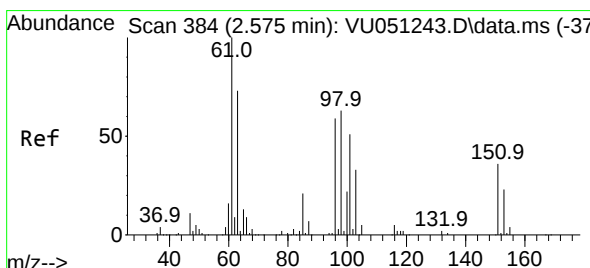
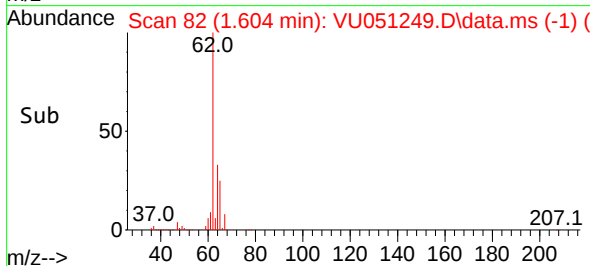
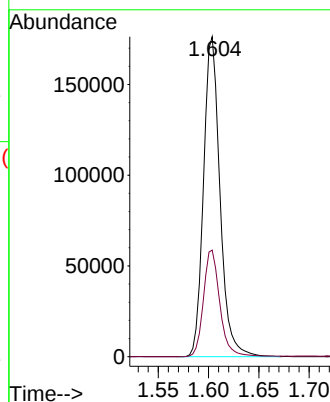
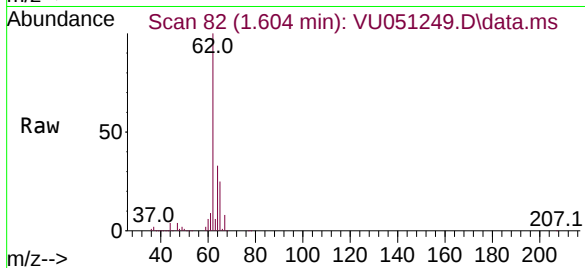
EXFS3DL

Tgt Ion: 62 Resp: 201128

Ion Ratio Lower Upper

62 100

64 33.3 24.0 44.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.052 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU051249.D

Acq: 08 Oct 2022 04:28

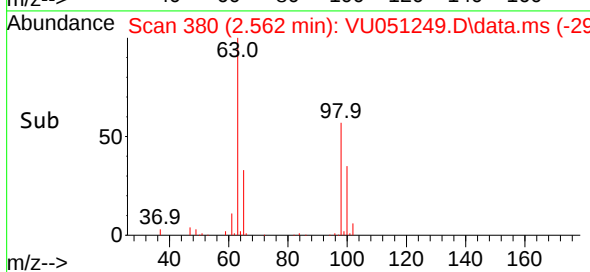
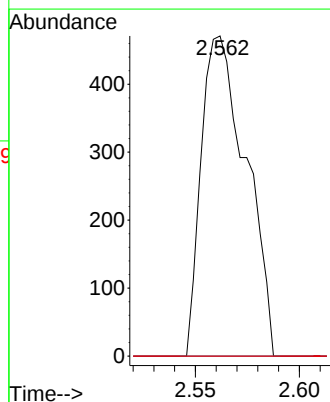
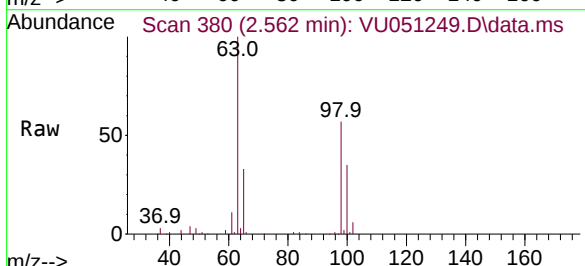
Tgt Ion: 101 Resp: 704

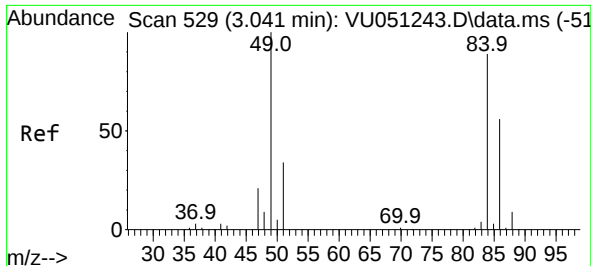
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#

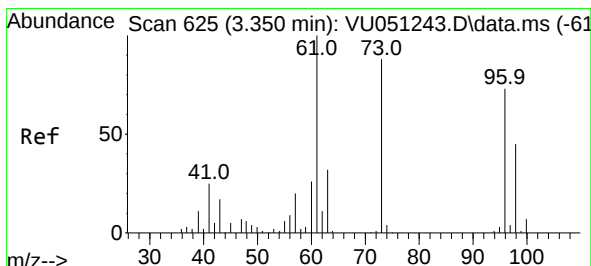
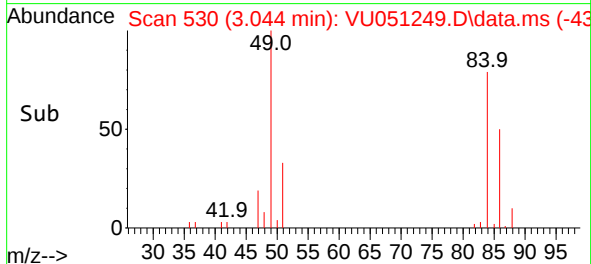
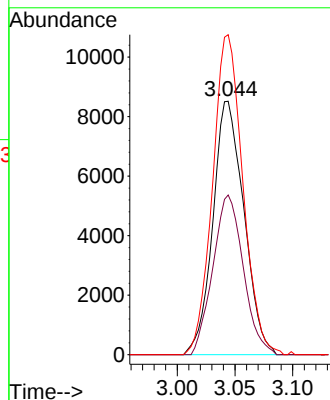
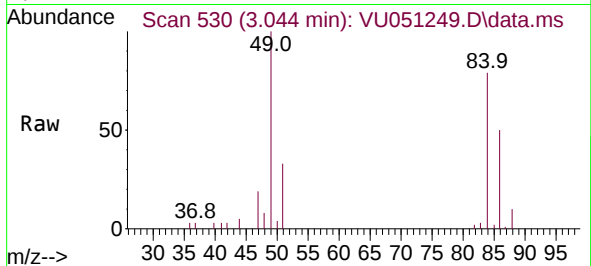




#16
Methylene chloride
Concen: 0.847 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051249.D
Acq: 08 Oct 2022 04:28

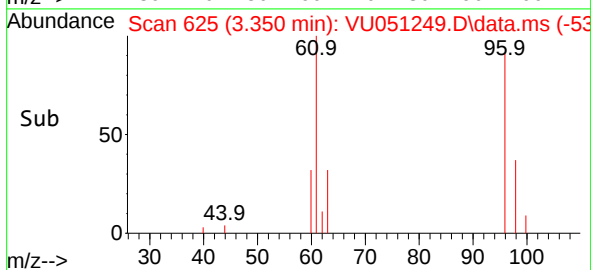
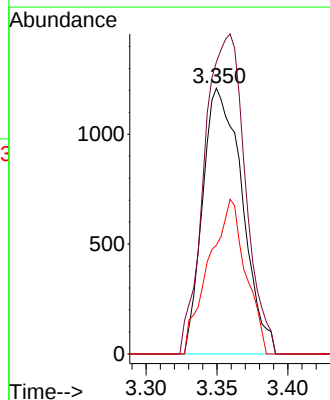
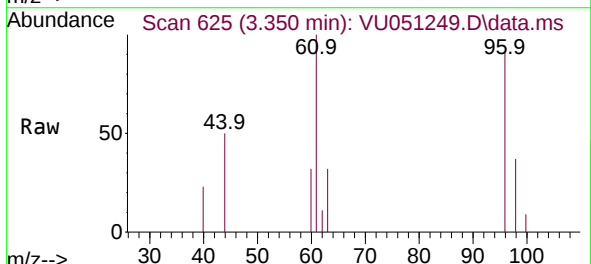
Instrument :
MSVOA_U
ClientSampleId :
EXFS3DL

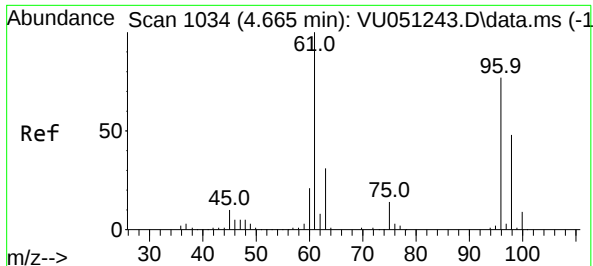
Tgt Ion: 84 Resp: 15917
Ion Ratio Lower Upper
84 100
86 63.0 46.5 86.3
49 126.3 81.3 151.1



#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051249.D
Acq: 08 Oct 2022 04:28

Tgt Ion: 96 Resp: 2335
Ion Ratio Lower Upper
96 100
61 109.8 101.4 188.2
98 40.9 44.9 83.5#





#22

cis-1,2-Dichloroethene

Concen: 0.294 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051249.D

Acq: 08 Oct 2022 04:28

Instrument :

MSVOA_U

ClientSampleId :

EXFS3DL

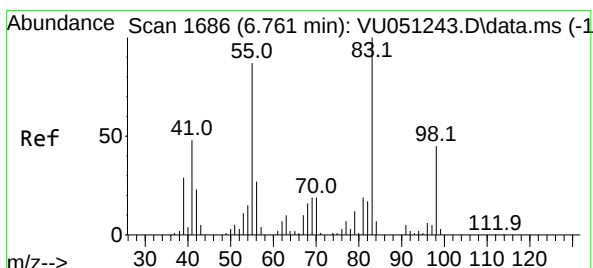
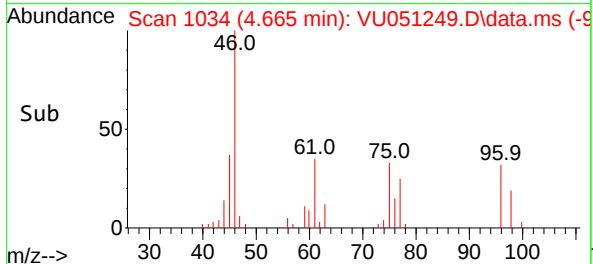
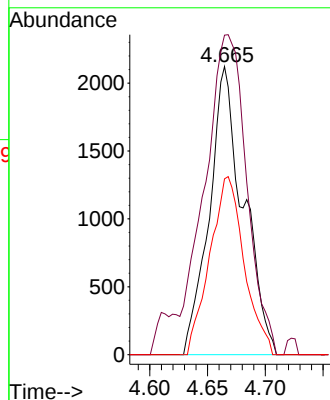
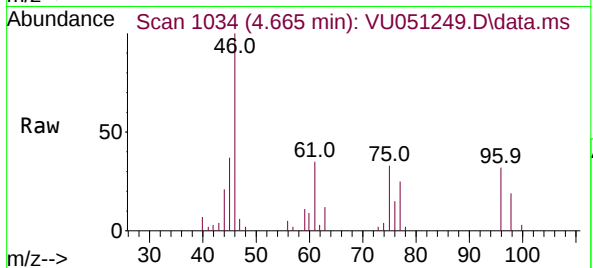
Tgt Ion: 96 Resp: 4354

Ion Ratio Lower Upper

96 100

61 110.9 90.6 168.2

98 61.0 47.5 88.3



#35

Methylcyclohexane

Concen: 1.009 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051249.D

Acq: 08 Oct 2022 04:28

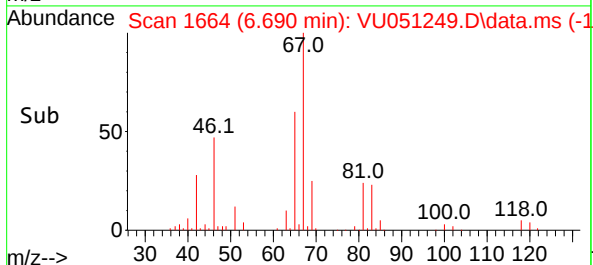
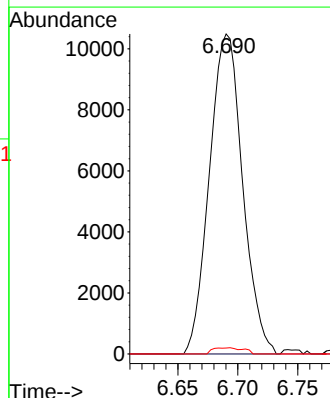
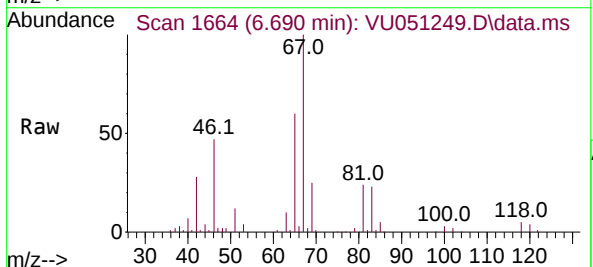
Tgt Ion: 83 Resp: 20216

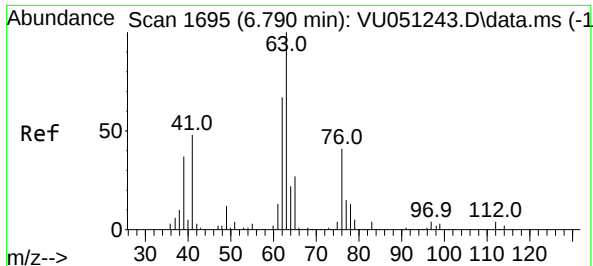
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.6#

98 1.8 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.485 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051249.D

Acq: 08 Oct 2022 04:28

Instrument :

MSVOA_U

ClientSampleId :

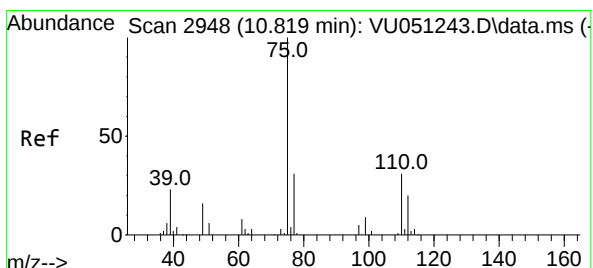
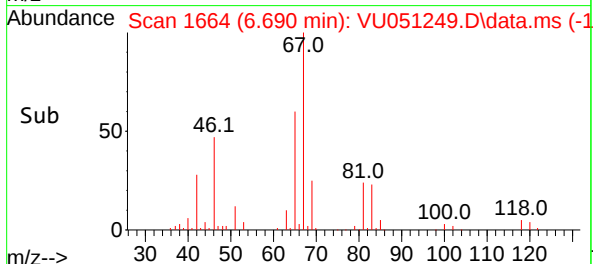
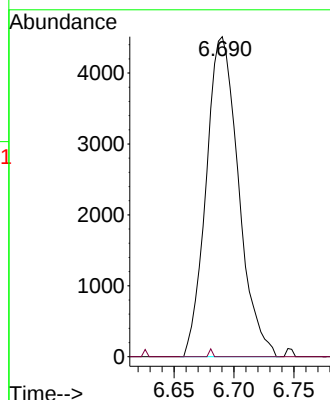
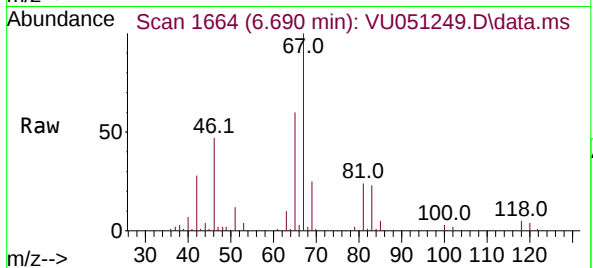
EXFS3DL

Tgt Ion: 63 Resp: 8467

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 1.024 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU051249.D

Acq: 08 Oct 2022 04:28

Tgt Ion: 75 Resp: 8512

Ion Ratio Lower Upper

75 100

110 0.7 27.0 40.6#

77 31.3 26.4 39.6

