

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051250.D
 Acq On : 08 Oct 2022 04:52
 Operator : JC/MD
 Sample : N4900-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFS3

Quant Time: Oct 08 06:27:48 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)

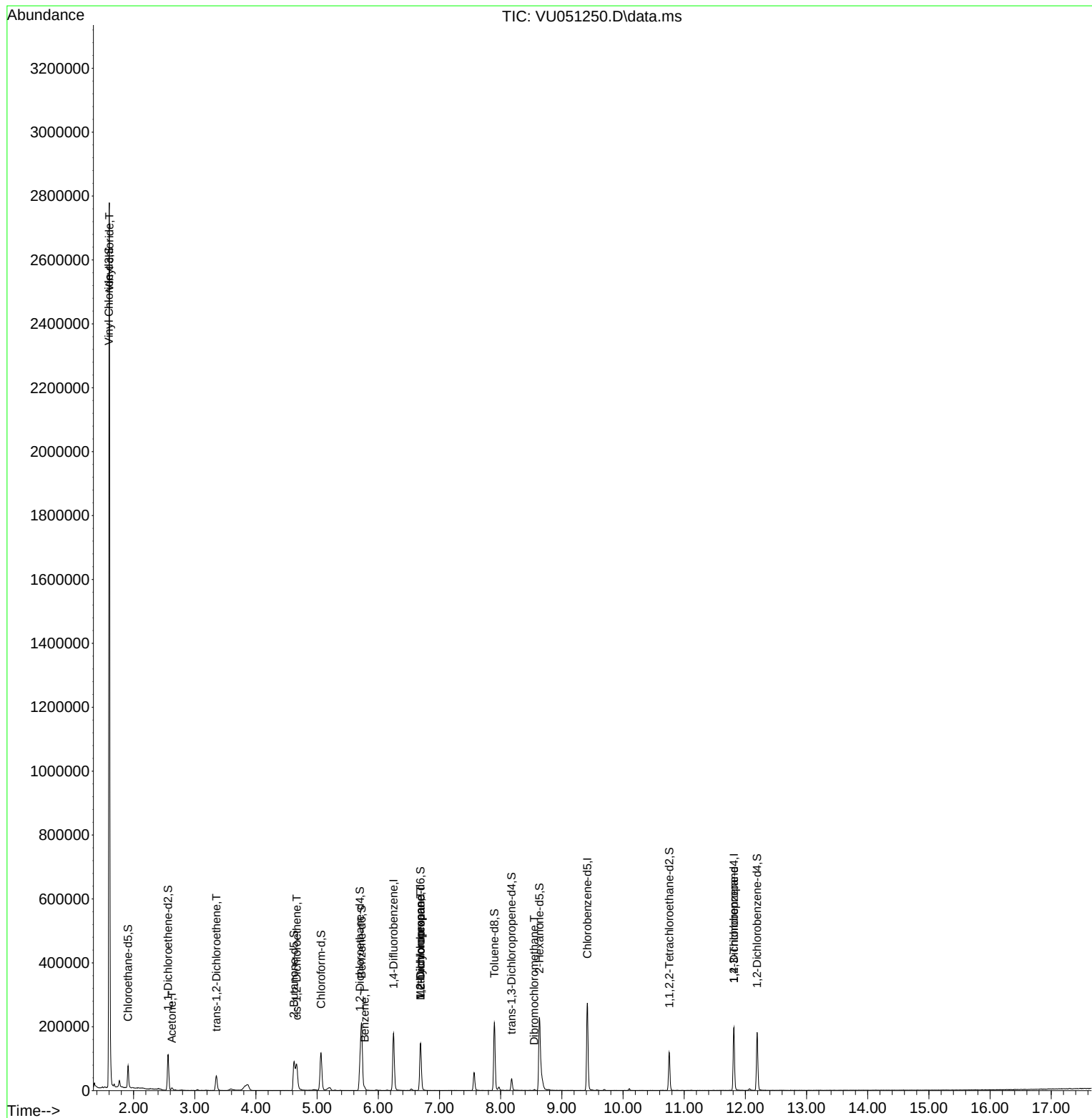
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	140440	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	153408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69911	6.171	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 123.400%		
7) Chloroethane-d5	1.909	69	49175	5.052	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.000%		
11) 1,1-Dichloroethene-d2	2.562	65	21808	4.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.400%		
20) 2-Butanone-d5	4.620	46	131502	52.724	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.440%		
24) Chloroform-d	5.063	84	110915	5.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
26) 1,2-Dichloroethane-d4	5.700	65	60163	5.524	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.400%		
32) Benzene-d6	5.726	84	197335	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.600%		
36) 1,2-Dichloropropane-d6	6.690	67	72380	5.050	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.000%		
41) Toluene-d8	7.896	98	146800	3.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 77.800%		
43) trans-1,3-Dichloroprop...	8.179	79	20625	4.380	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.600%		
46) 2-Hexanone-d5	8.632	63	59897	37.742	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 75.480%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	61564	5.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	48060	5.258	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.200%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.604	62	1861304	117.970	ug/L	97
13) Acetone	2.626	43	9231	4.935	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	19910	1.848	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	36985	3.099	ug/L	97
33) Benzene	5.777	78	7934	0.155	ug/L	100
35) Methylcyclohexane	6.687	83	17035	1.057	ug/L #	18
37) 1,2-Dichloropropane	6.687	63	7258	0.517	ug/L #	88
49) Dibromochloromethane	8.549	129	640	0.058	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	6757	1.018	ug/L #	69

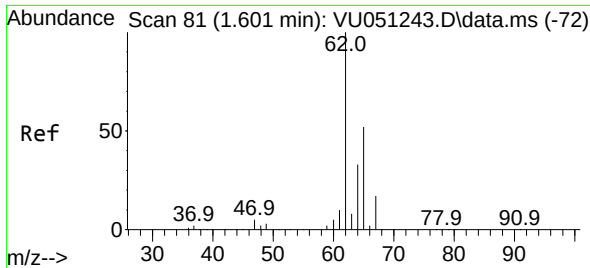
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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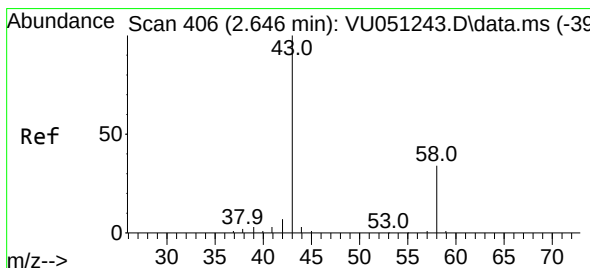
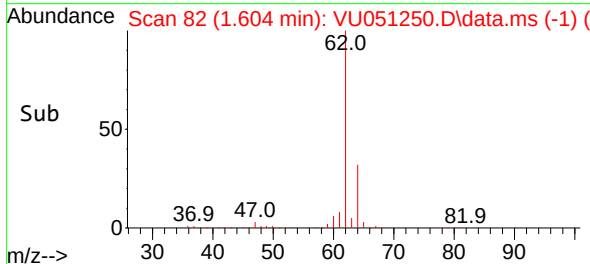
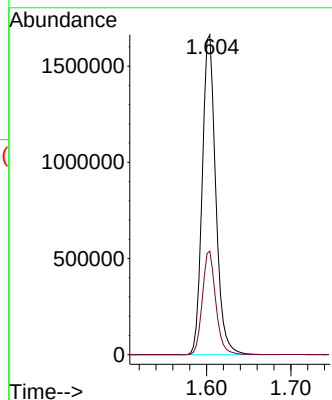
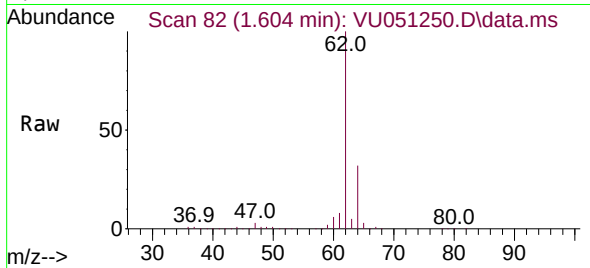




#5
 Vinyl chloride
 Concen: 117.970 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051250.D
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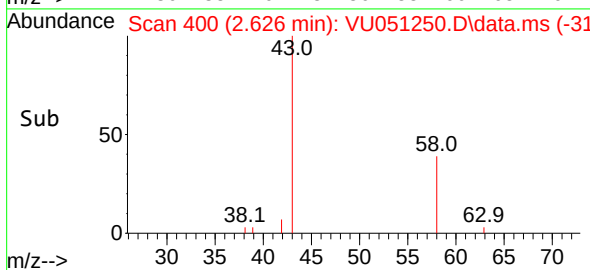
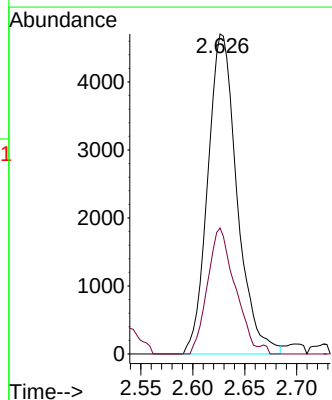
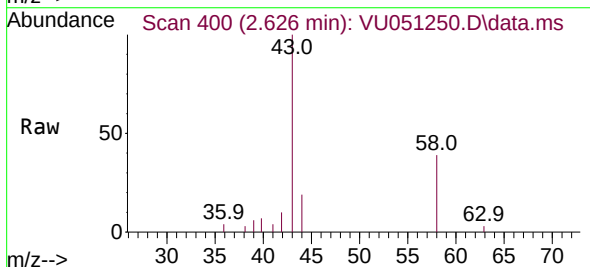
Instrument :
 MSVOA_U
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 EXFS3

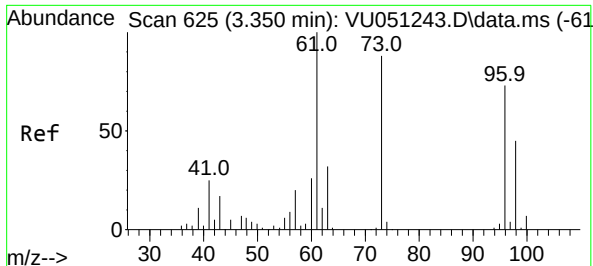
Tgt Ion: 62 Resp: 1861304
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.0 44.6



#13
 Acetone
 Concen: 4.935 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. -0.019 min
 Lab File: VU051250.D
 Acq: 08 Oct 2022 04:52

Tgt Ion: 43 Resp: 9231
 Ion Ratio Lower Upper
 43 100
 58 36.7 0.0 68.8

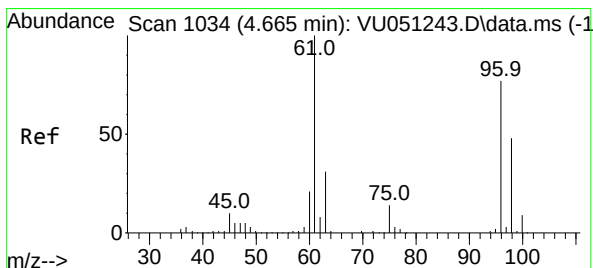
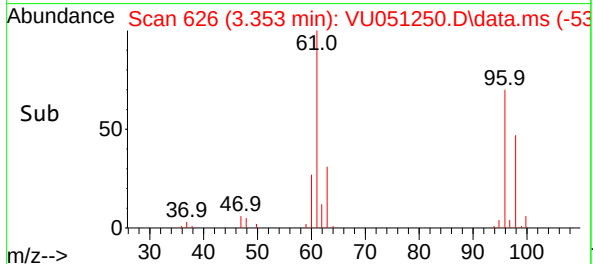
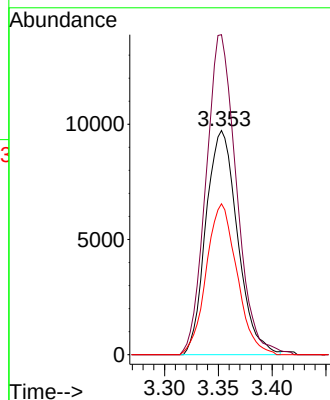
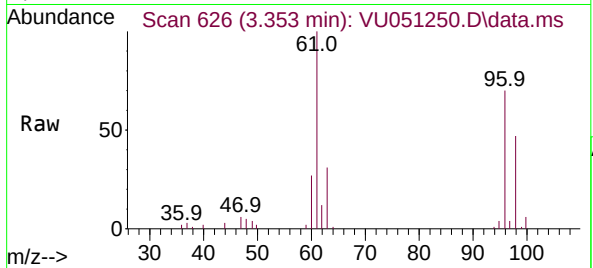




#18
trans-1,2-Dichloroethene
Concen: 1.848 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

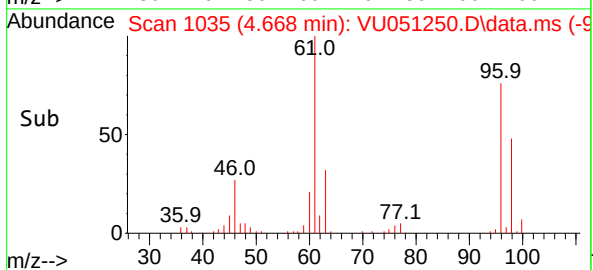
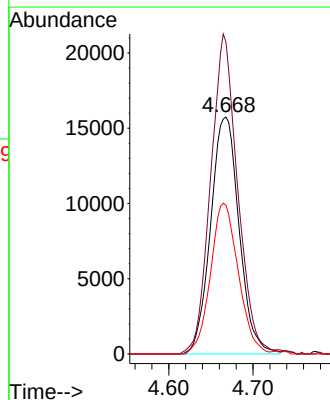
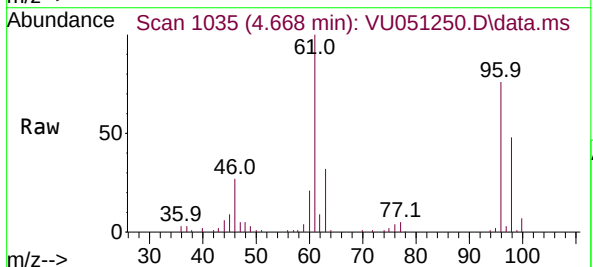
Instrument :
MSVOA_U
ClientSampleId :
EXFS3

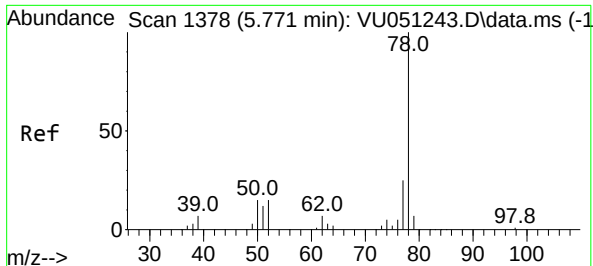
Tgt Ion: 96 Resp: 19910
Ion Ratio Lower Upper
96 100
61 142.7 101.4 188.2
98 67.3 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 3.099 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

Tgt Ion: 96 Resp: 36985
Ion Ratio Lower Upper
96 100
61 131.7 90.6 168.2
98 62.8 47.5 88.3

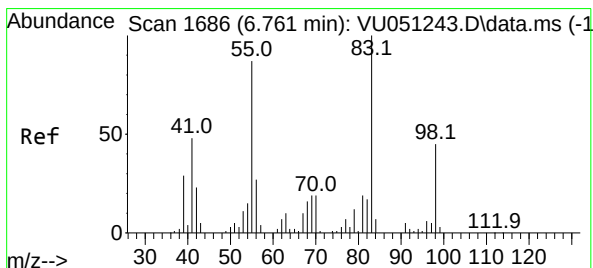
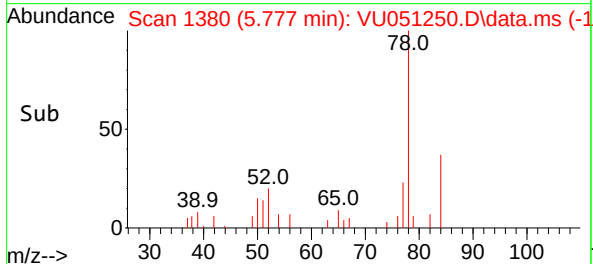
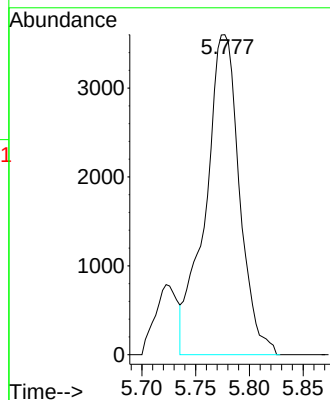
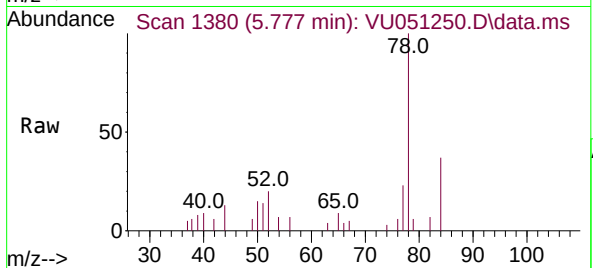




#33
Benzene
Concen: 0.155 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

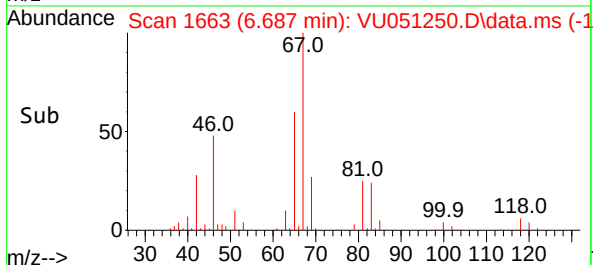
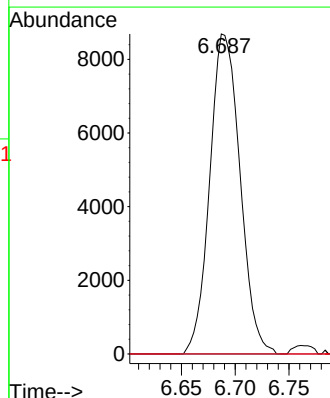
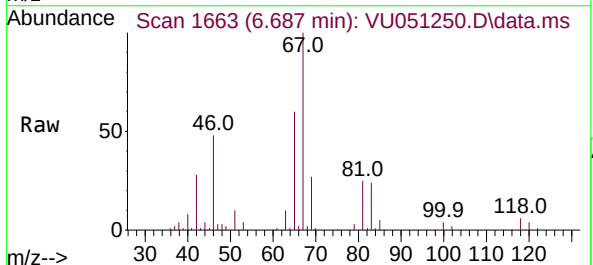
Instrument :
MSVOA_U
ClientSampleId :
EXFS3

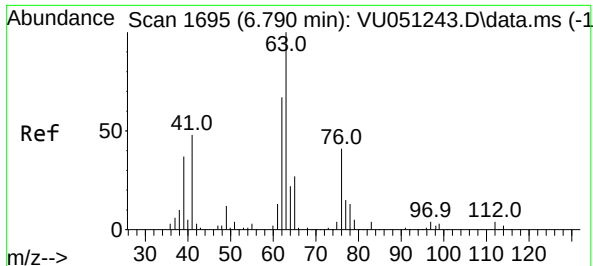
Tgt Ion: 78 Resp: 7934



#35
Methylcyclohexane
Concen: 1.057 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

Tgt Ion: 83 Resp: 17035
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 2.3 35.9 53.9#

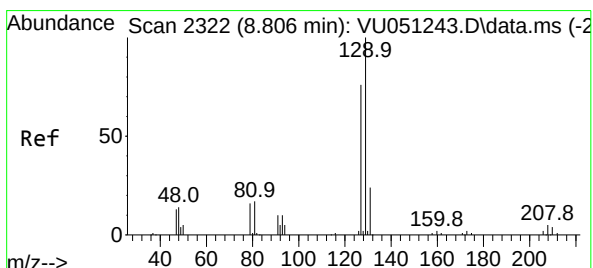
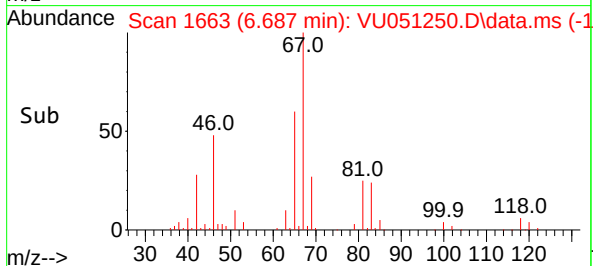
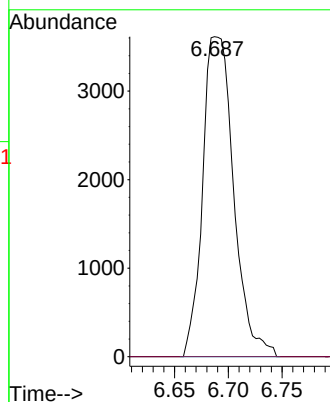
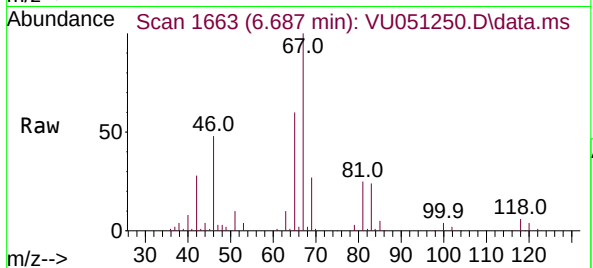




#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

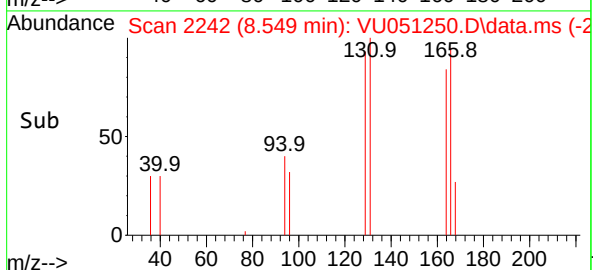
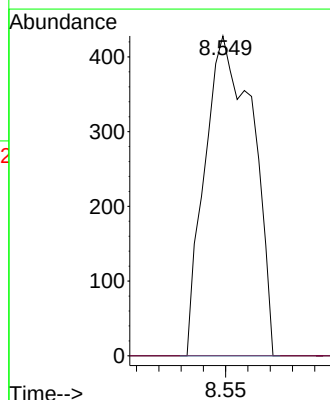
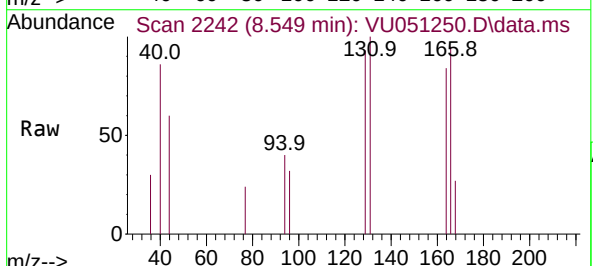
Instrument :
MSVOA_U
ClientSampleId :
EXFS3

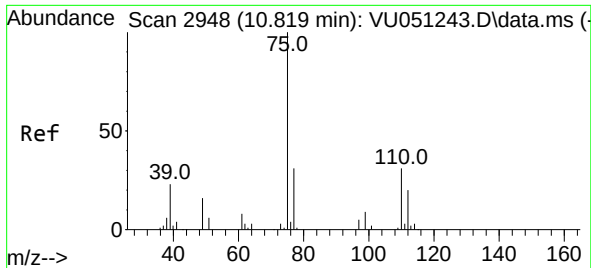
Tgt Ion: 63 Resp: 7258
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#49
Dibromochloromethane
Concen: 0.058 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU051250.D
Acq: 08 Oct 2022 04:52

Tgt Ion: 129 Resp: 640
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.018 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.993 min

Lab File: VU051250.D

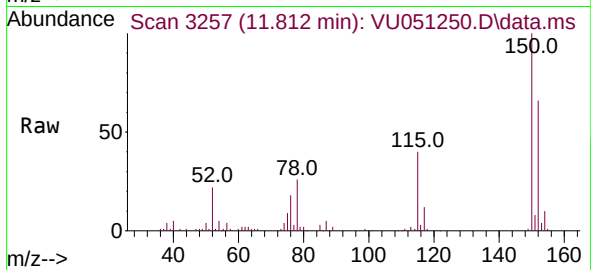
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Instrument :

MSVOA_U

ClientSampleId :

EXFS3



Tgt Ion:	75	Resp:	6757
Ion	Ratio	Lower	Upper
75	100		
110	1.2	27.0	40.6#
77	30.4	26.4	39.6

