

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051237.D
 Acq On : 07 Oct 2022 23:06
 Operator : JC/MD
 Sample : N4872-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX4

Quant Time: Oct 08 04:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

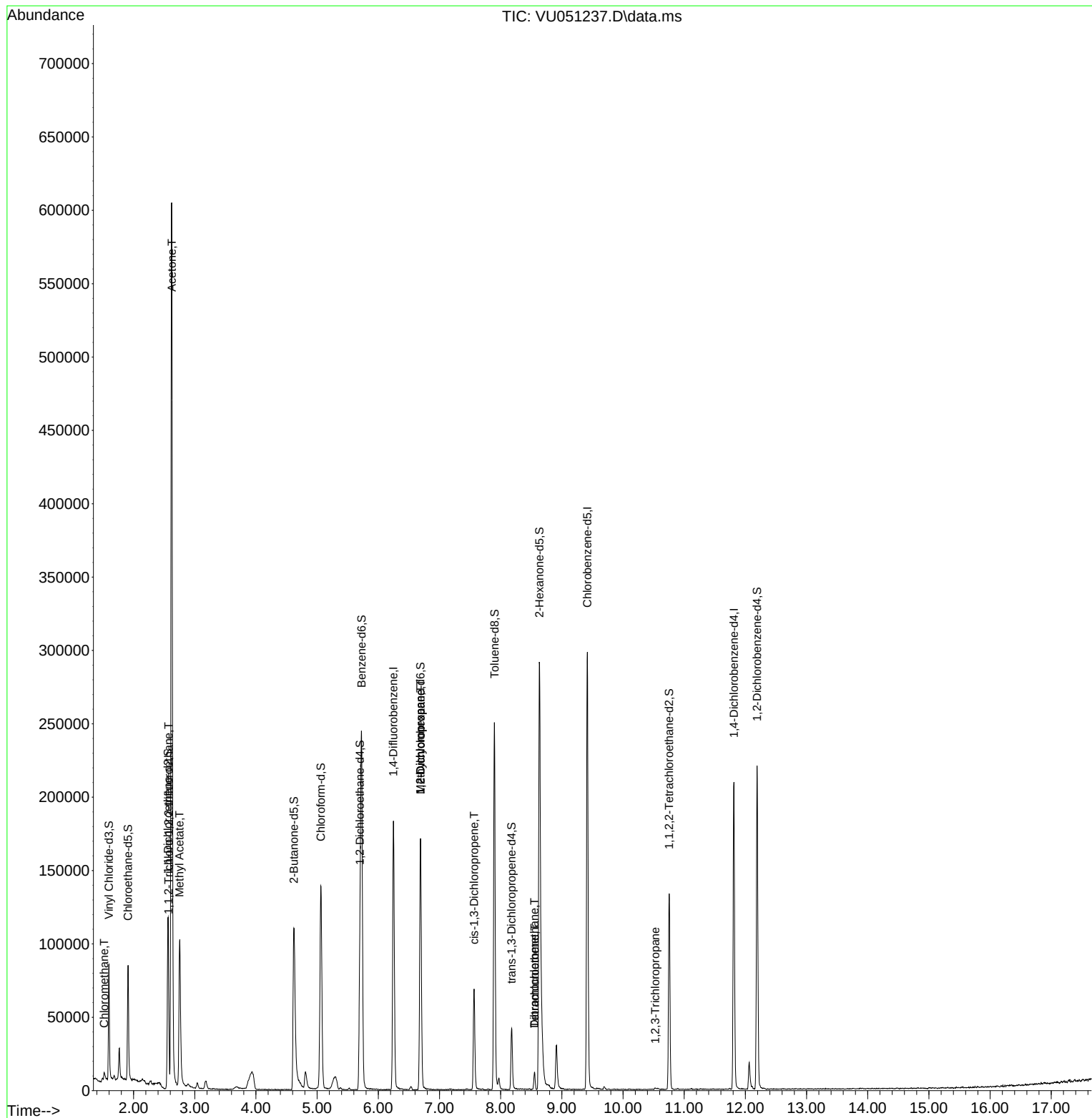
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	142662	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	55236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58085	5.048	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.909	69	56358	5.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.000%	
11) 1,1-Dichloroethene-d2	2.562	65	22719	4.994	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	4.620	46	161709	63.825	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.660%	
24) Chloroform-d	5.060	84	128633	5.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	120.000%	
26) 1,2-Dichloroethane-d4	5.700	65	69279	6.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	125.200%	
32) Benzene-d6	5.726	84	224332	4.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.690	67	82007	5.286	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.899	98	171965	4.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.179	79	24485	4.804	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.000%	
46) 2-Hexanone-d5	8.632	63	81085	47.203	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.400%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	69896	5.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	56846	5.921	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.400%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3773	0.231	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	685	0.062	ug/L #	21
13) Acetone	2.623	43	642078	337.886	ug/L	99
15) Methyl Acetate	2.752	43	30062	6.508	ug/L #	50
35) Methylcyclohexane	6.690	83	18908	1.084	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	8672	0.571	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1777	0.097	ug/L #	72
47) Tetrachloroethene	8.555	164	2515	0.247	ug/L	91
49) Dibromochloromethane	8.552	129	2383	0.199	ug/L #	11
61) 1,2,3-Trichloropropane	10.529	75	941	0.135	ug/L #	41

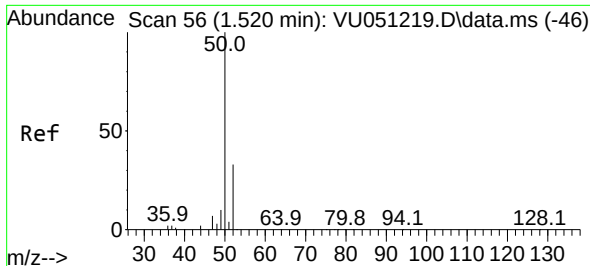
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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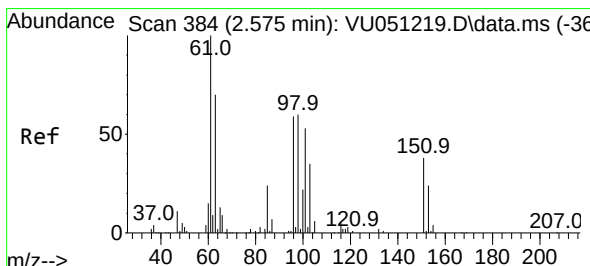
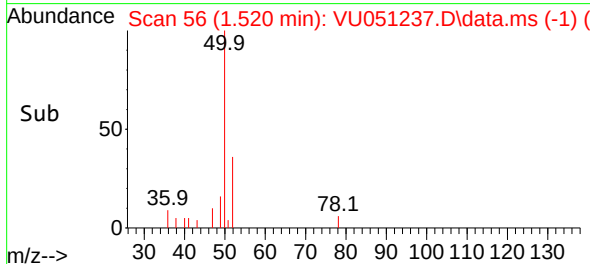
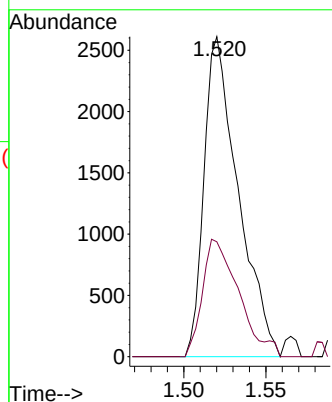
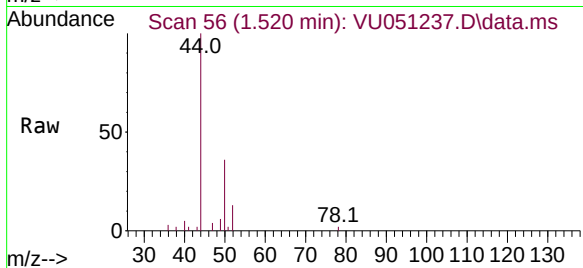




#3
Chloromethane
Concen: 0.231 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU051237.D
Acq: 07 Oct 2022 23:06

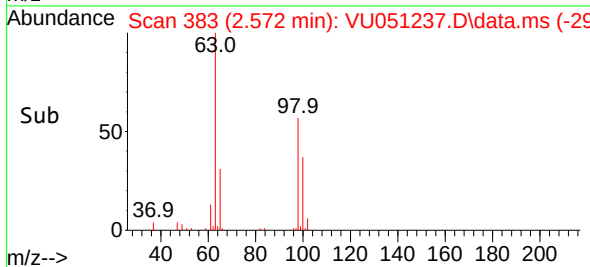
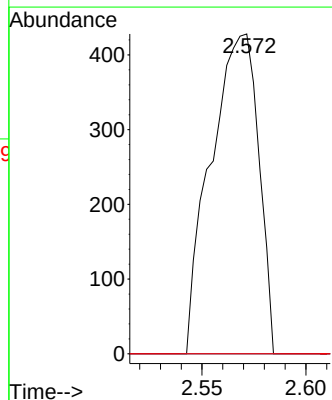
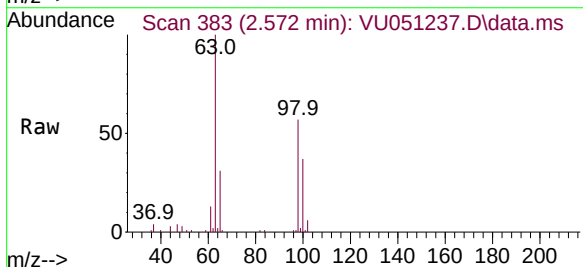
Instrument :
MSVOA_U
ClientSampleId :
EXFX4

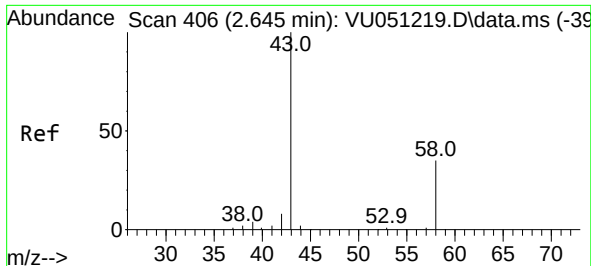
Tgt Ion: 50 Resp: 3773
Ion Ratio Lower Upper
50 100
52 35.9 22.9 42.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU051237.D
Acq: 07 Oct 2022 23:06

Tgt Ion: 101 Resp: 685
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#





#13

Acetone

Concen: 337.886 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.022 min

Lab File: VU051237.D

Acq: 07 Oct 2022 23:06

Instrument :

MSVOA_U

ClientSampleId :

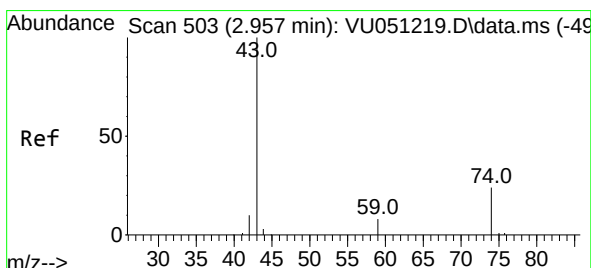
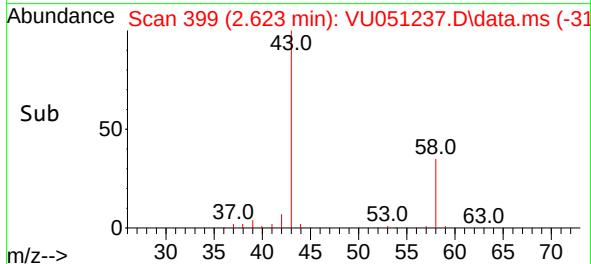
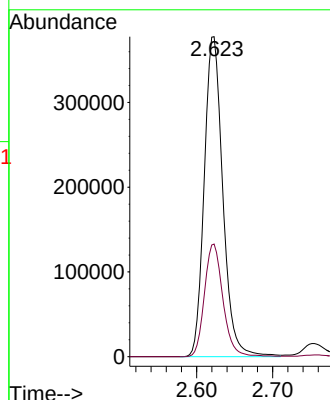
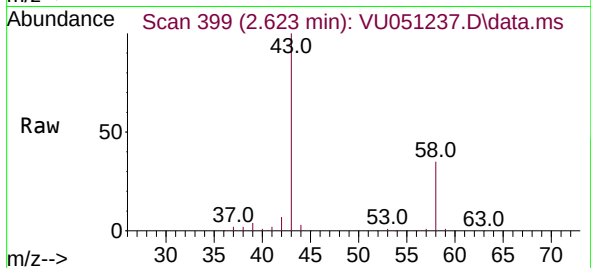
EXFX4

Tgt Ion: 43 Resp: 642078

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.8



#15

Methyl Acetate

Concen: 6.508 ug/L

RT: 2.752 min Scan# 439

Delta R.T. -0.206 min

Lab File: VU051237.D

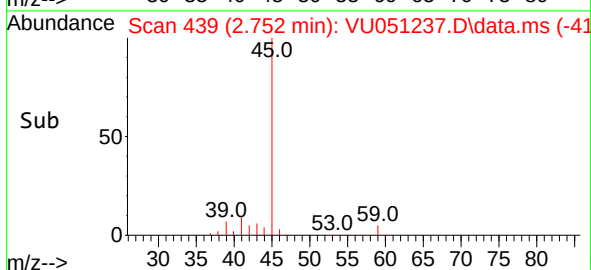
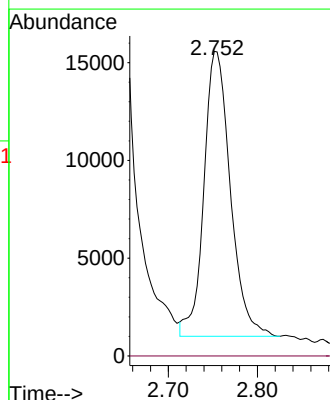
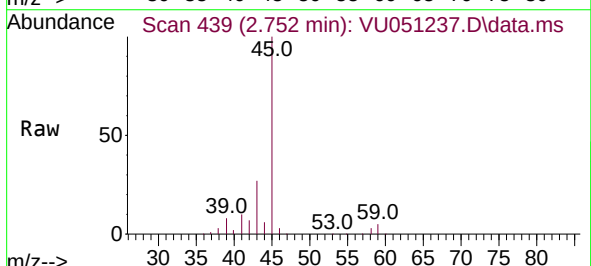
Acq: 07 Oct 2022 23:06

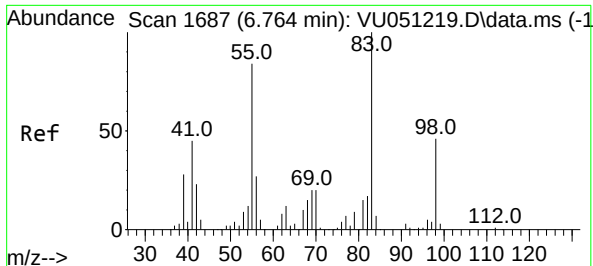
Tgt Ion: 43 Resp: 30062

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#

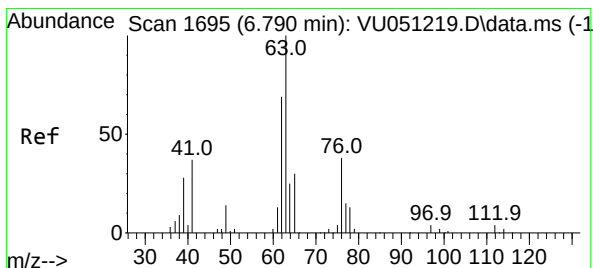
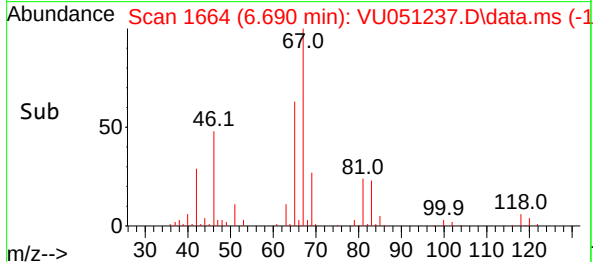
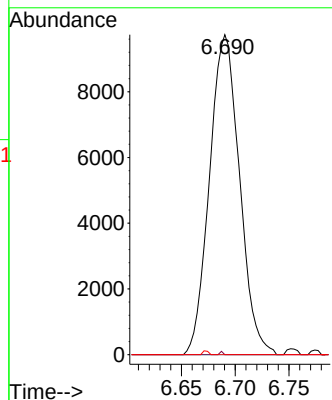
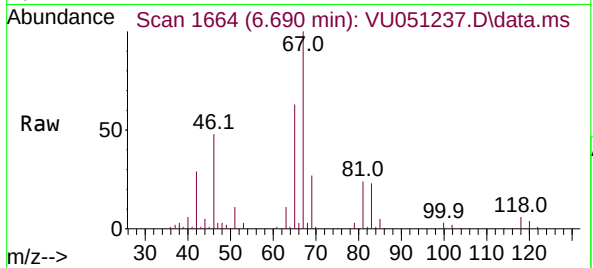




#35
Methylcyclohexane
Concen: 1.084 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051237.D
Acq: 07 Oct 2022 23:06

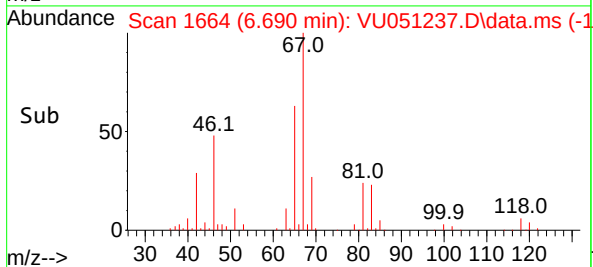
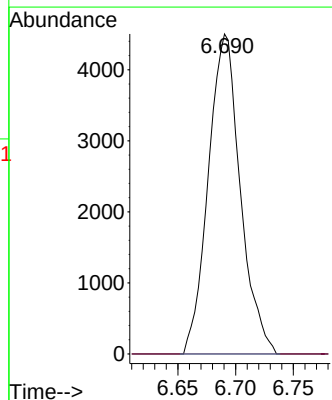
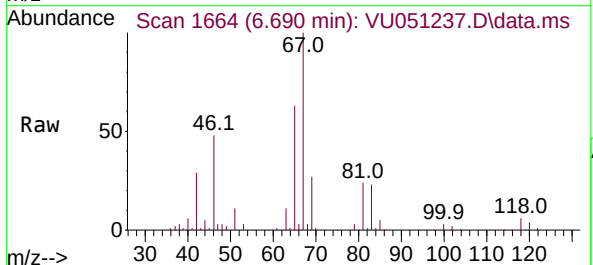
Instrument :
MSVOA_U
ClientSampleId :
EXFX4

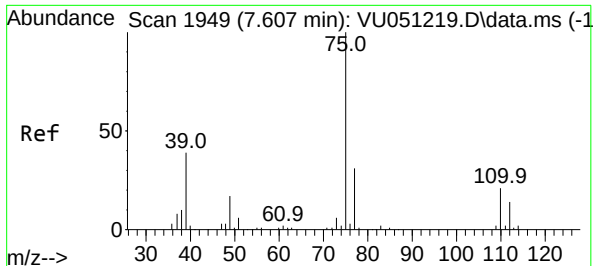
Tgt Ion: 83 Resp: 18908
Ion Ratio Lower Upper
83 100
55 0.1 65.8 98.6#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051237.D
Acq: 07 Oct 2022 23:06

Tgt Ion: 63 Resp: 8672
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051237.D

Acq: 07 Oct 2022 23:06

Instrument :

MSVOA_U

ClientSampleId :

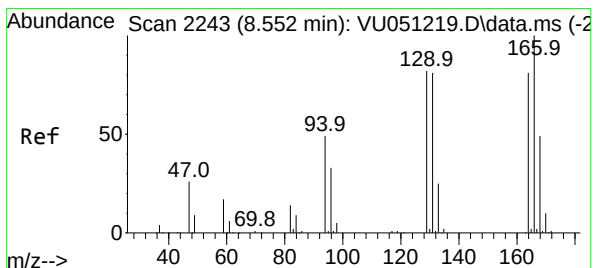
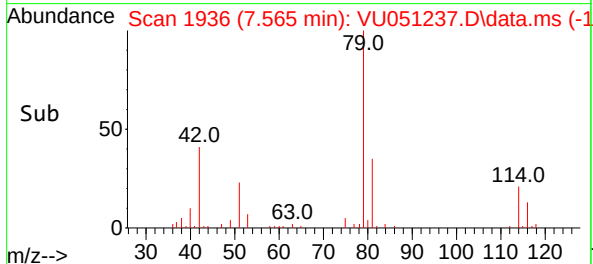
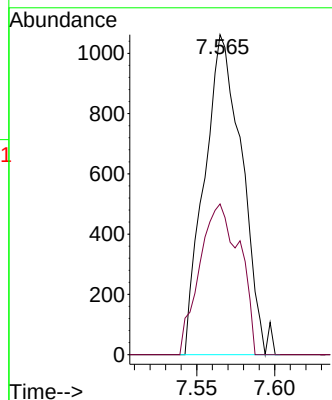
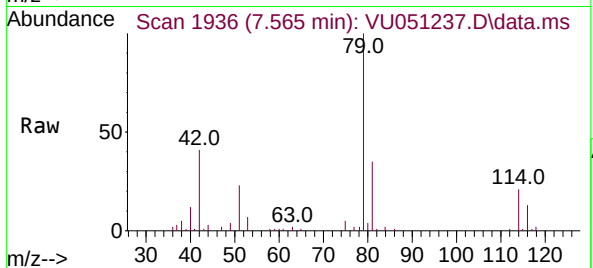
EXFX4

Tgt Ion: 75 Resp: 1777

Ion Ratio Lower Upper

75 100

77 47.1 22.0 41.0#



#47

Tetrachloroethene

Concen: 0.247 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU051237.D

Acq: 07 Oct 2022 23:06

Tgt Ion: 164 Resp: 2515

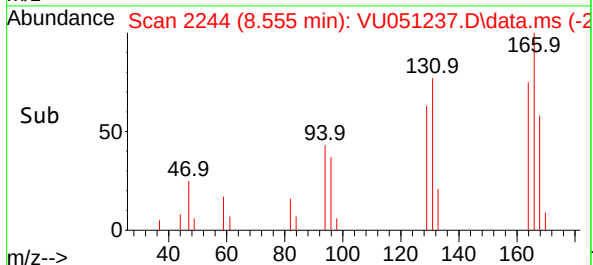
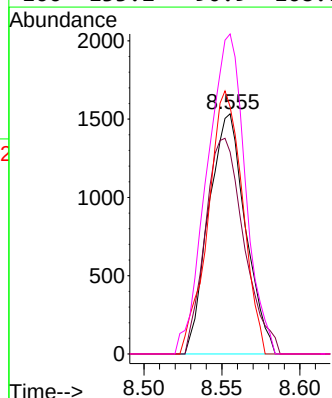
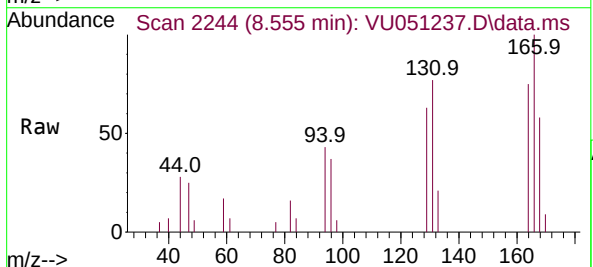
Ion Ratio Lower Upper

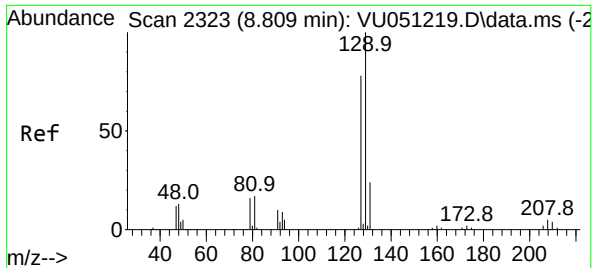
164 100

129 84.1 71.3 132.3

131 102.9 66.9 124.3

166 133.2 90.9 168.7





#49

Dibromochloromethane

Concen: 0.199 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051237.D

Acq: 07 Oct 2022 23:06

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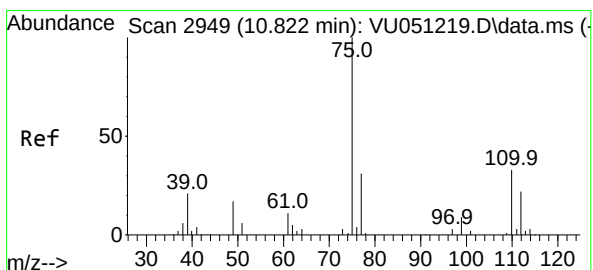
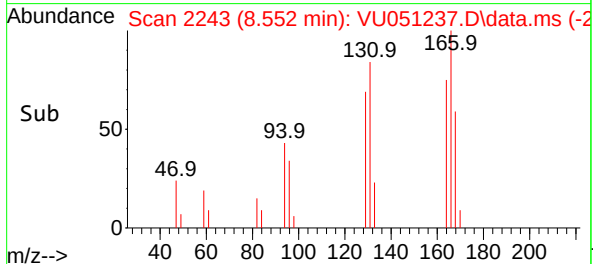
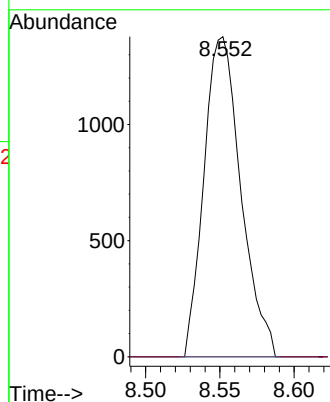
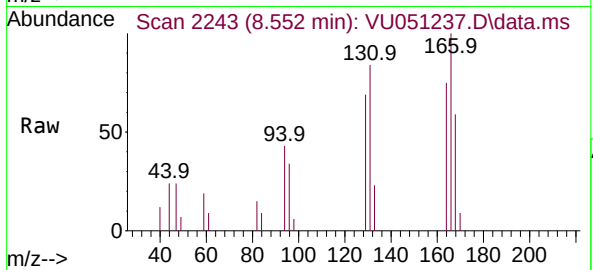
EXFX4

Tgt Ion:129 Resp: 2383

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 0.135 ug/L

RT: 10.529 min Scan# 2858

Delta R.T. -0.293 min

Lab File: VU051237.D

Acq: 07 Oct 2022 23:06

Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

110 0.0 27.0 40.6#

77 0.0 26.4 39.6#

