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 Data File : VU052046.D
 Acq On : 22 Nov 2022 17:30
 Operator : JC/MD
 Sample : N5684-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

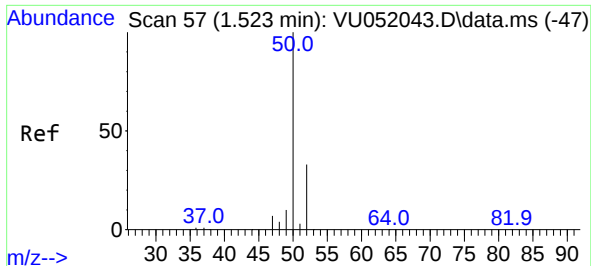
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:49:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234292	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	106316	4.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.912	69	86767	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.565	65	37035	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.620	46	204926	49.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.220%
24) Chloroform-d	5.060	84	165588	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.700	65	86306	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.726	84	351817	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.687	67	113140	5.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.896	98	282358	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.179	79	31811	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.629	63	153106	44.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	91086	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	92990	5.521	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	8590	0.324	ug/L	97
9) Trichlorofluoromethane	2.138	101	3149	0.112	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1600	0.093	ug/L #	37
15) Methyl Acetate	3.183	43	1509	0.207	ug/L #	48
17) Methyl tert-butyl Ether	3.359	73	8162	0.215	ug/L #	86
22) cis-1,2-Dichloroethene	4.665	96	24444	1.278	ug/L	93
34) Trichloroethene	6.539	95	277526	14.246	ug/L	97
35) Methylcyclohexane	6.690	83	26109	0.932	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11429	0.565	ug/L #	88
47) Tetrachloroethene	8.552	164	58331	3.907	ug/L	94
49) Dibromochloromethane	8.552	129	56727	3.333	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10814	1.074	ug/L #	66

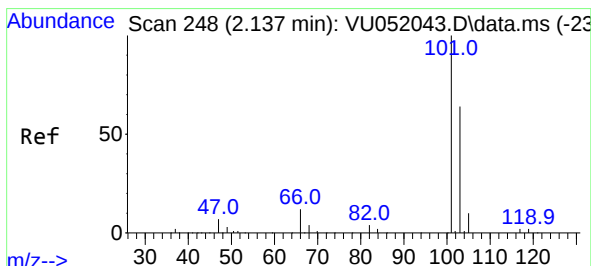
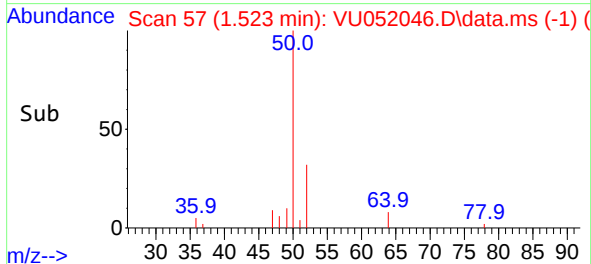
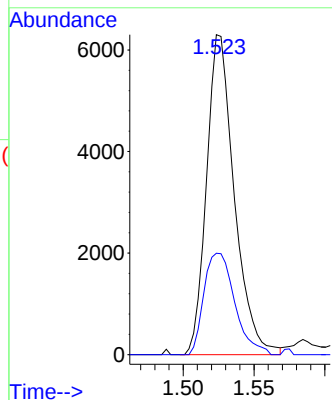
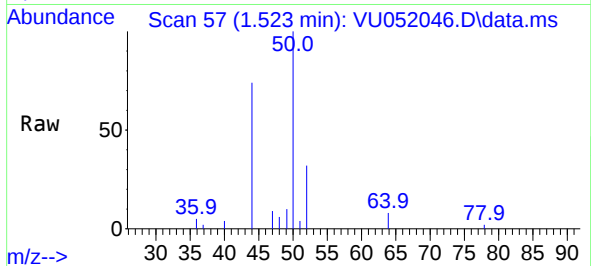
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.324 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

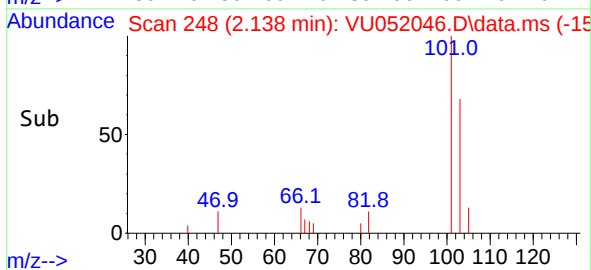
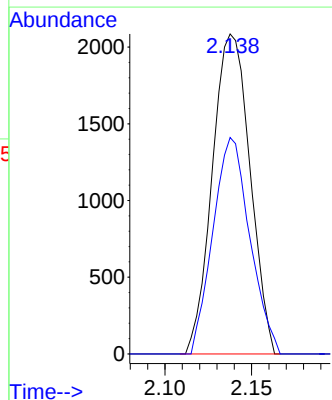
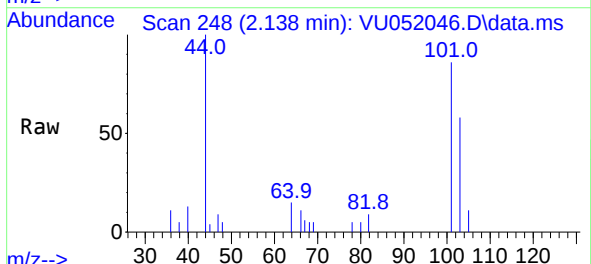
Instrument :
MSVOA_U
ClientSampleId :

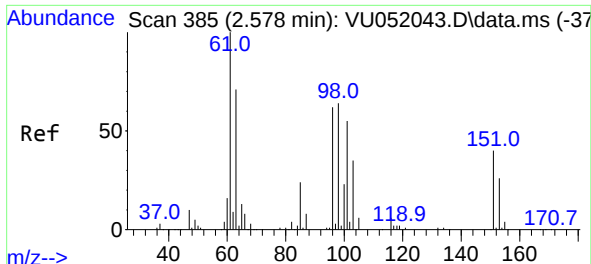
Tgt Ion: 50 Resp: 8590
Ion Ratio Lower Upper
50 100
52 31.7 23.4 43.4



#9
Trichlorofluoromethane
Concen: 0.112 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

Tgt Ion: 101 Resp: 3149
Ion Ratio Lower Upper
101 100
103 66.3 51.6 77.4

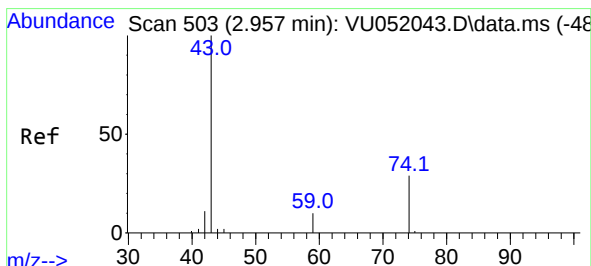
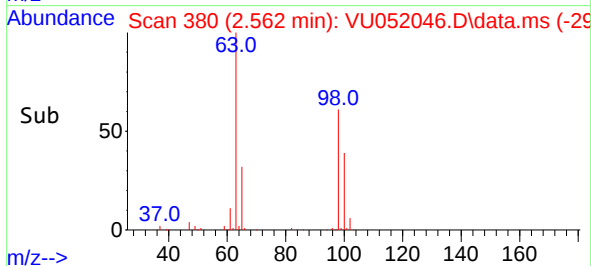
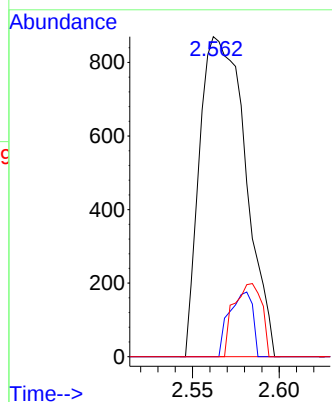
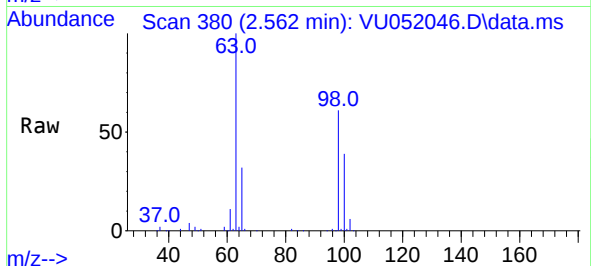




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

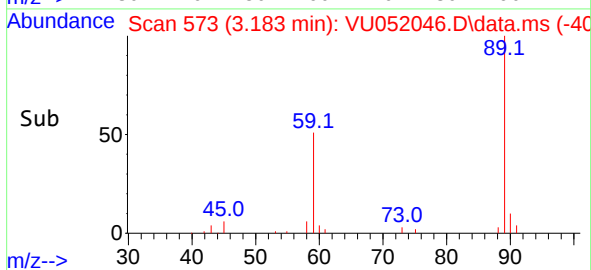
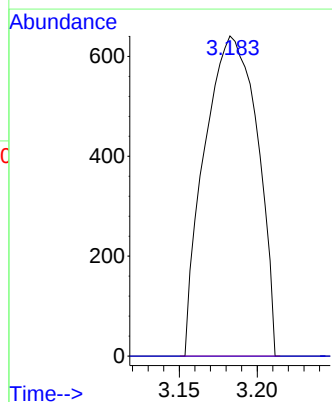
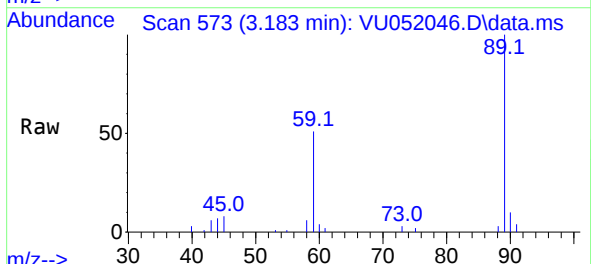
Instrument :
MSVOA_U
ClientSampleId :

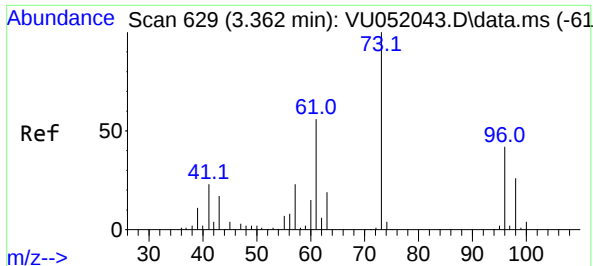
Tgt Ion:101 Resp: 1600
Ion Ratio Lower Upper
101 100
85 10.3 33.8 50.6#
151 13.9 58.6 88.0#



#15
Methyl Acetate
Concen: 0.207 ug/L
RT: 3.183 min Scan# 573
Delta R.T. 0.235 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

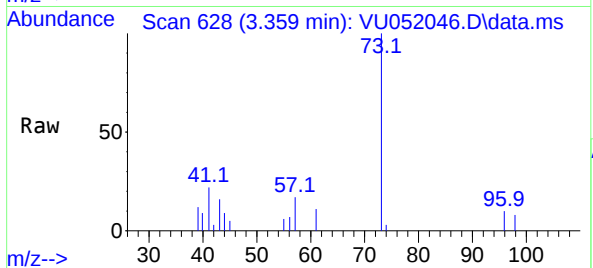
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



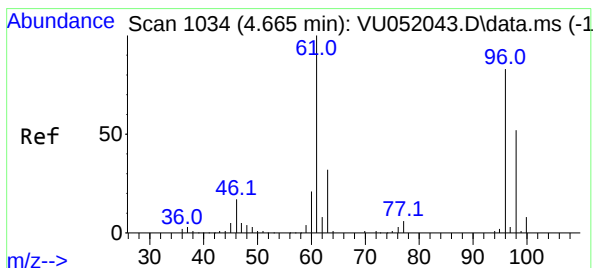
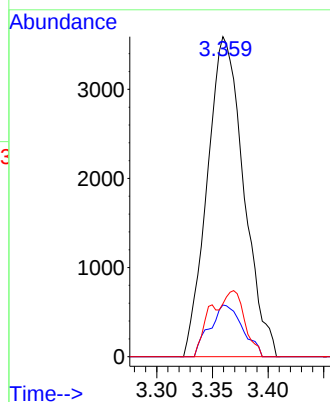
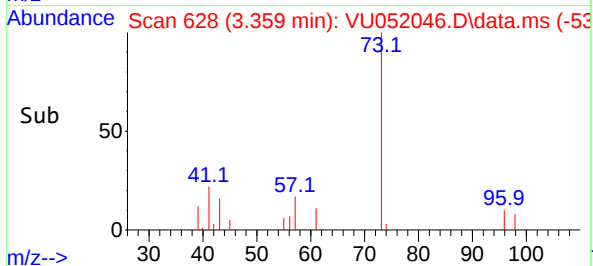


#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

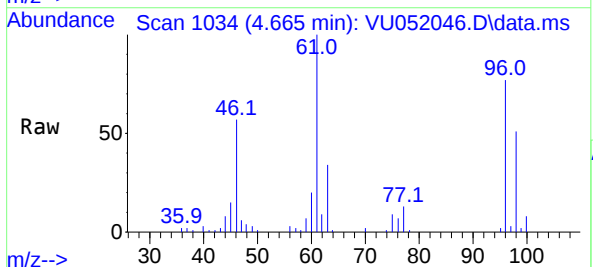
Instrument :
MSVOA_U
ClientSampleId :



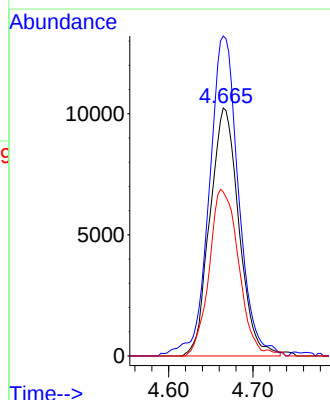
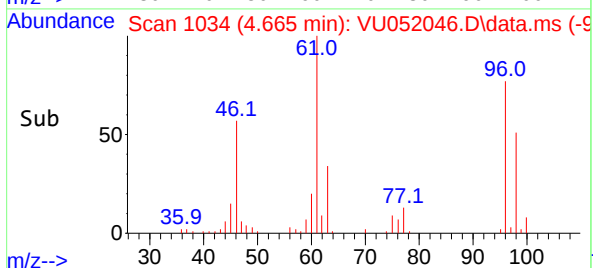
Tgt Ion: 73 Resp: 8162
Ion Ratio Lower Upper
73 100
43 14.5 13.2 19.8
57 12.1 17.8 26.8#

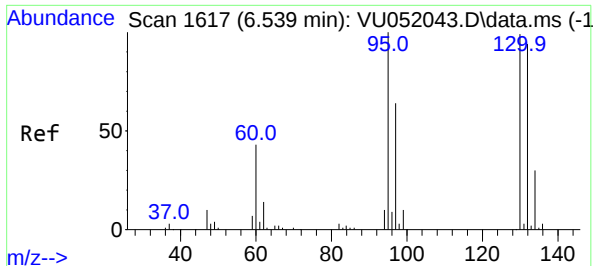


#22
cis-1,2-Dichloroethene
Concen: 1.278 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30



Tgt Ion: 96 Resp: 24444
Ion Ratio Lower Upper
96 100
61 129.1 85.1 158.1
98 66.1 42.8 79.6





#34

Trichloroethene

Concen: 14.246 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052046.D

Acq: 22 Nov 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 277526

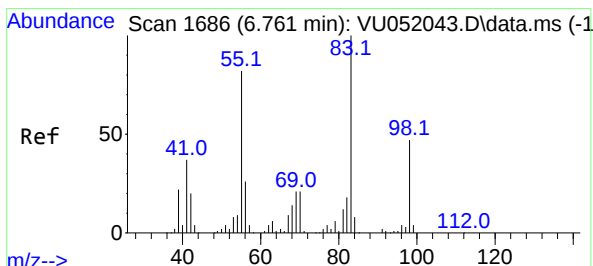
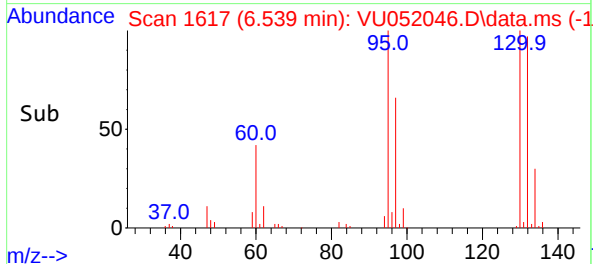
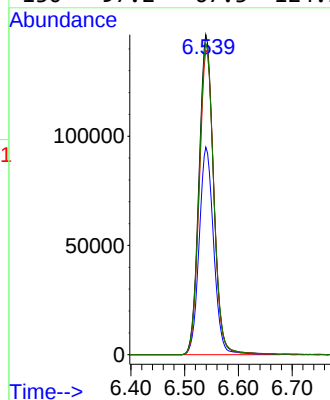
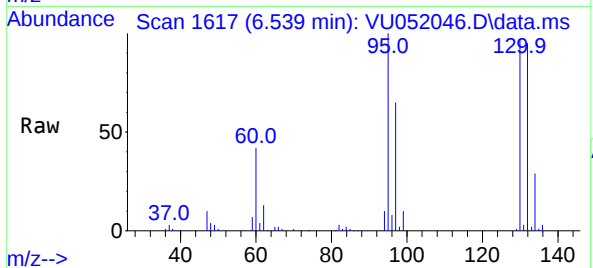
Ion Ratio Lower Upper

95 100

97 64.9 43.7 81.1

132 95.2 64.3 119.3

130 97.2 67.3 124.9



#35

Methylcyclohexane

Concen: 0.932 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU052046.D

Acq: 22 Nov 2022 17:30

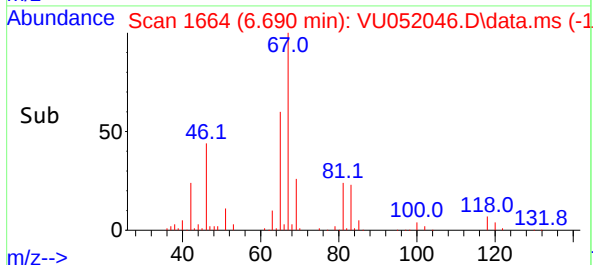
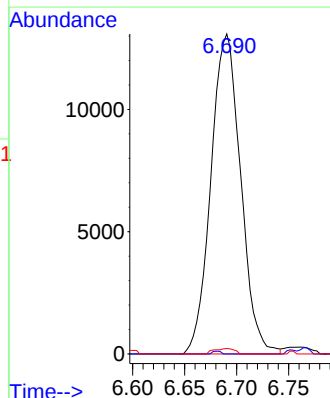
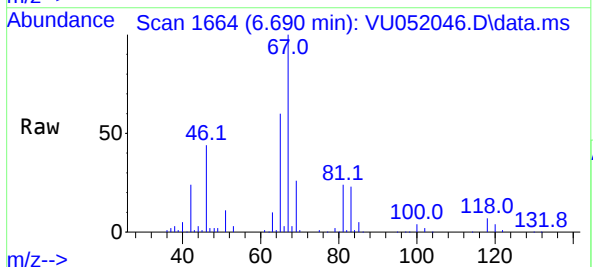
Tgt Ion: 83 Resp: 26109

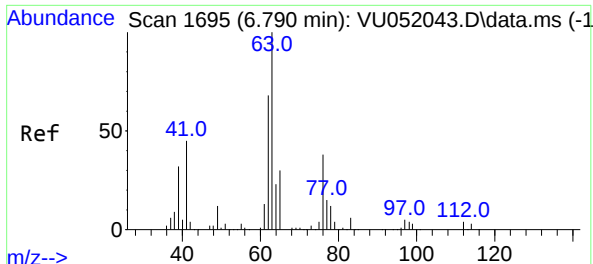
Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 1.2 35.1 52.7#

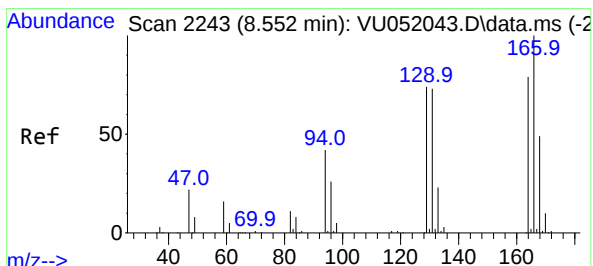
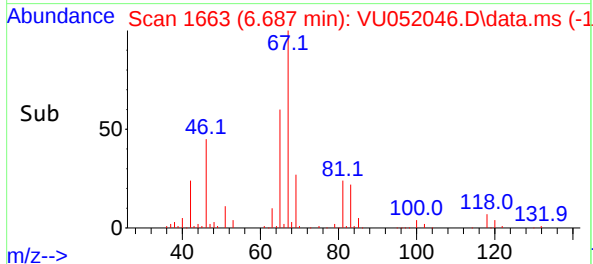
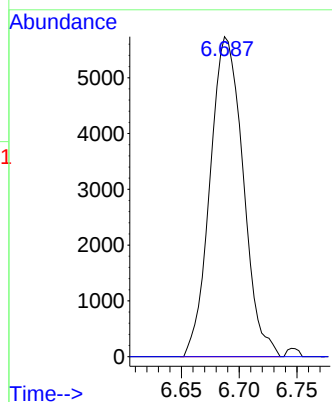
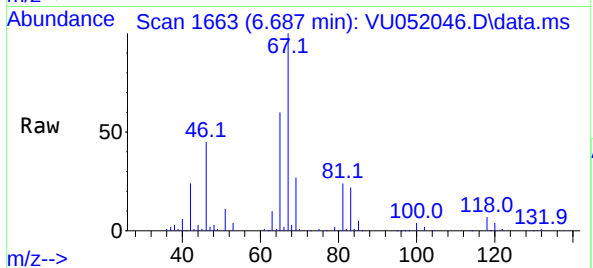




#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

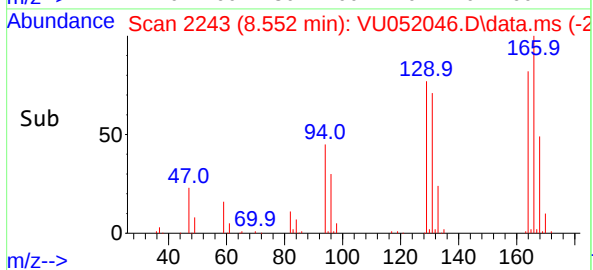
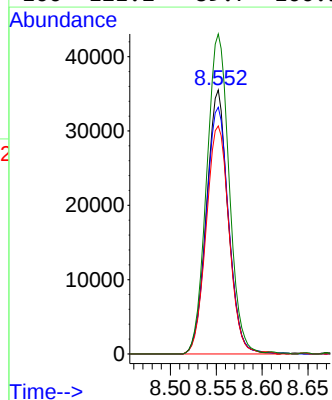
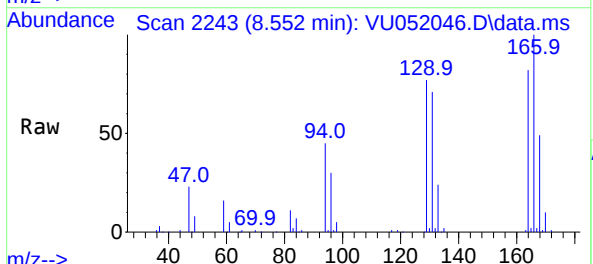
Instrument :
MSVOA_U
ClientSampleId :

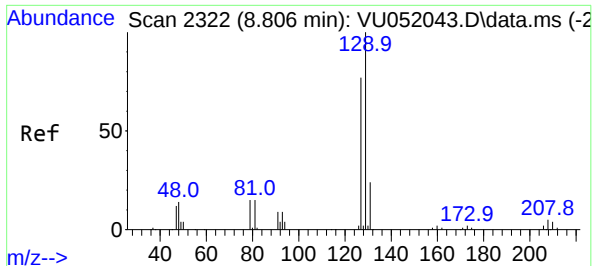
Tgt Ion: 63 Resp: 11429
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 3.907 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

Tgt Ion:164 Resp: 58331
Ion Ratio Lower Upper
164 100
129 93.5 67.4 125.2
131 86.4 67.1 124.7
166 121.2 89.7 166.5

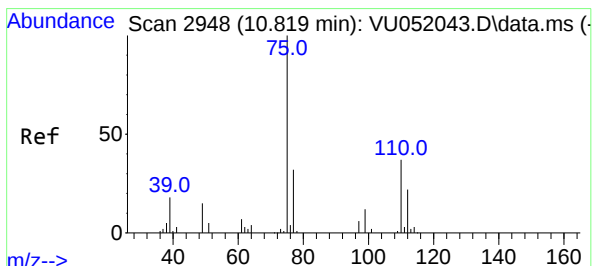
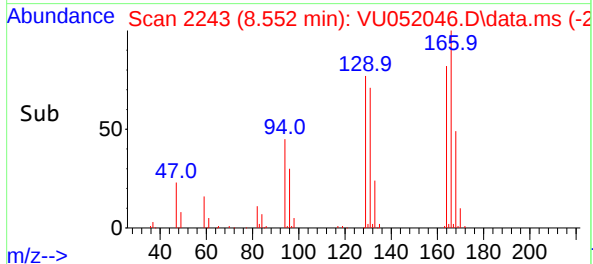
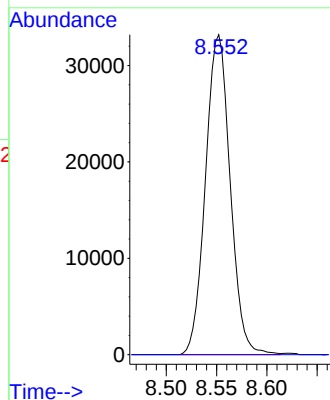
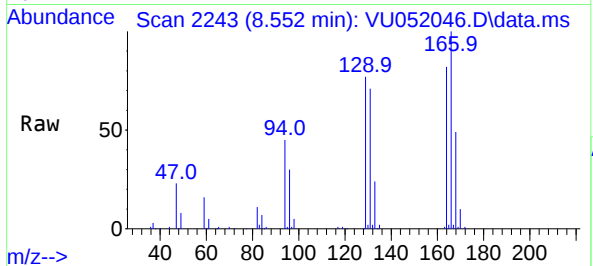




#49
Dibromochloromethane
Concen: 3.333 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 56727
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 1.074 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052046.D
Acq: 22 Nov 2022 17:30

Tgt Ion: 75 Resp: 10814
Ion Ratio Lower Upper
75 100
110 0.9 28.3 42.5#
77 28.5 26.2 39.2

