

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052062.D
 Acq On : 23 Nov 2022 00:46
 Operator : JC/MD
 Sample : N5684-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:34:23 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)

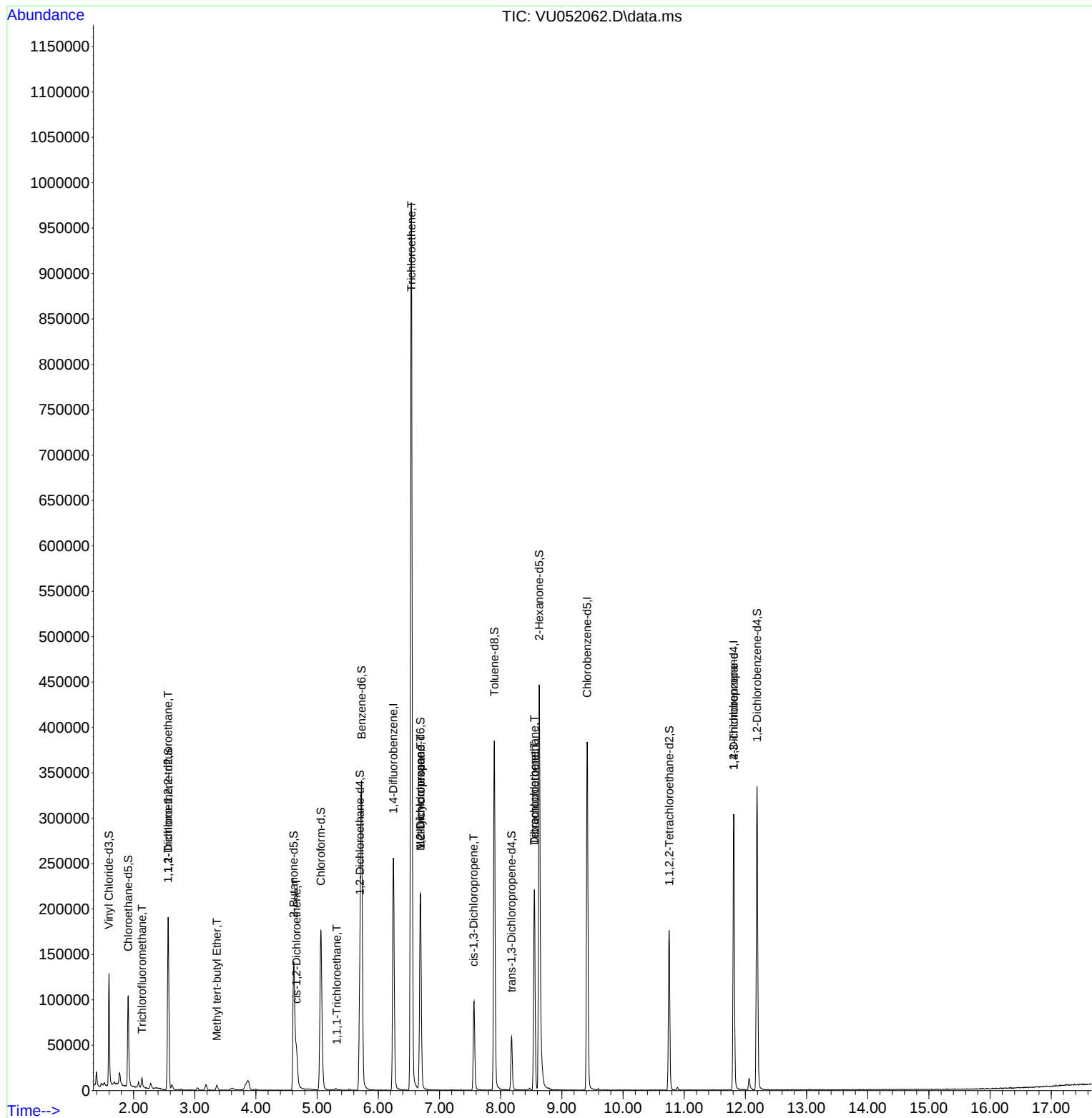
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	213282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	92741	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.913	69	81331	5.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.565	65	34704	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.617	46	203036	53.992	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	5.060	84	167646	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.700	65	85769	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.726	84	335099	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.687	67	112858	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.896	98	267070	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.179	79	34652	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.629	63	152106	47.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.100%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90423	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	92751	5.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	6381	0.250	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1727	0.111	ug/L #	35
17) Methyl tert-butyl Ether	3.363	73	4809	0.139	ug/L #	95
22) cis-1,2-Dichloroethene	4.665	96	17235	0.990	ug/L	90
29) 1,1,1-Trichloroethane	5.321	97	1313	0.052	ug/L #	80
34) Trichloroethene	6.539	95	348752	19.056	ug/L	99
35) Methylcyclohexane	6.690	83	24981	0.949	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10443	0.550	ug/L #	88
39) cis-1,3-Dichloropropene	7.559	75	2341	0.096	ug/L #	65
47) Tetrachloroethene	8.552	164	51035	3.639	ug/L	94
49) Dibromochloromethane	8.552	129	50340	3.148	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9917	1.028	ug/L #	67

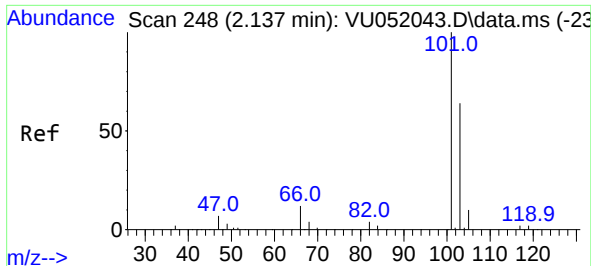
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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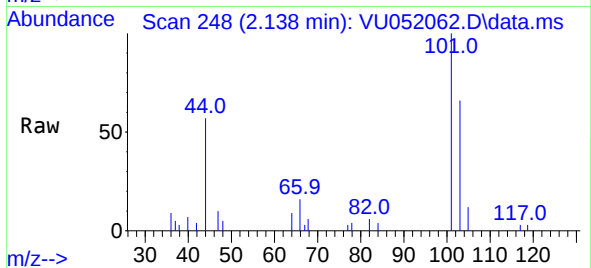
Quant Time: Nov 23 03:34:23 2022
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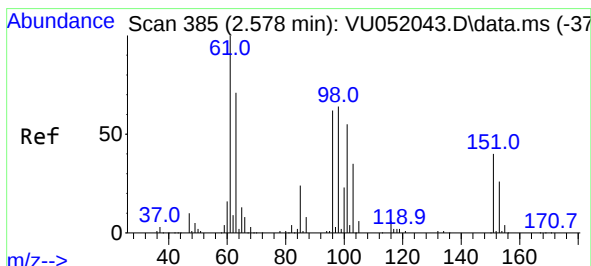
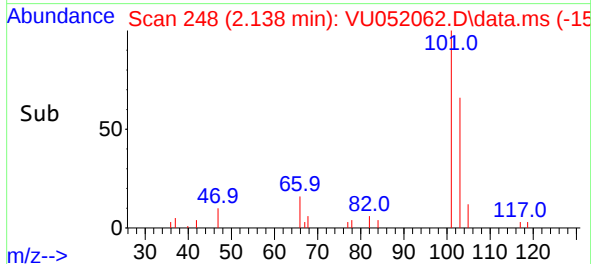
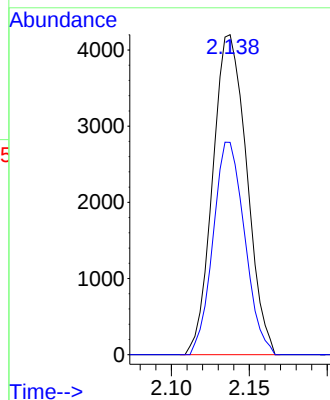


#9
 Trichlorofluoromethane
 Concen: 0.250 ug/L
 RT: 2.138 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

Instrument :
 MSVOA_U
 ClientSampleId :

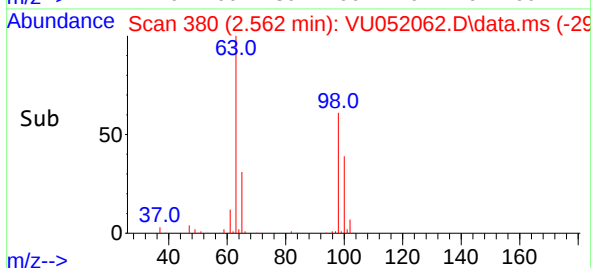
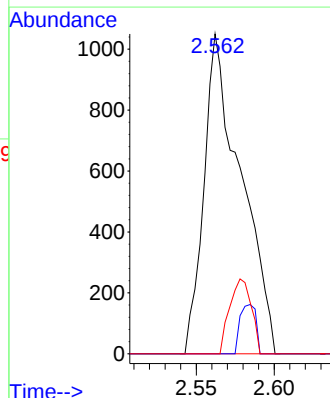
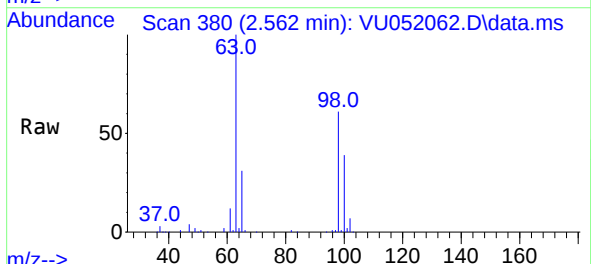


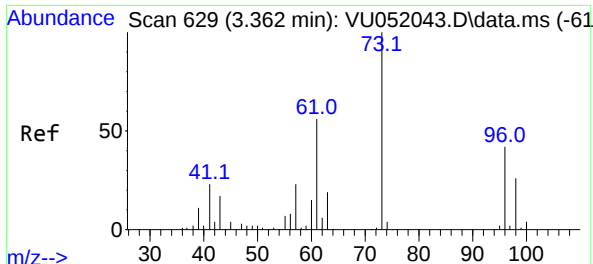
Tgt Ion:101 Resp: 6381
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.111 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU052062.D
 Acq: 23 Nov 2022 00:46

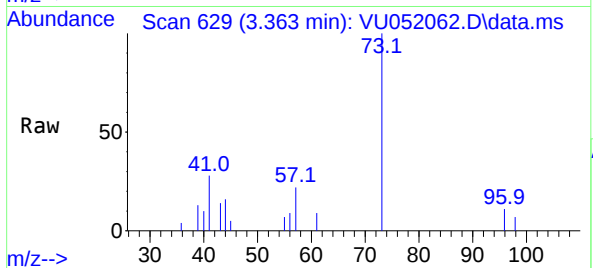
Tgt Ion:101 Resp: 1727
 Ion Ratio Lower Upper
 101 100
 85 6.6 33.8 50.6#
 151 13.7 58.6 88.0#



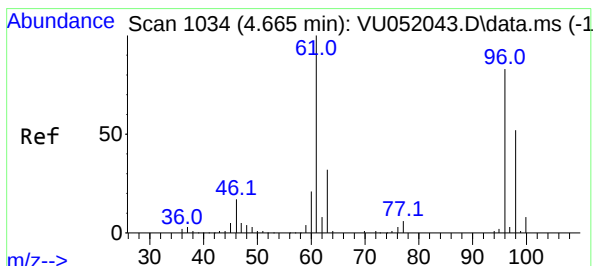
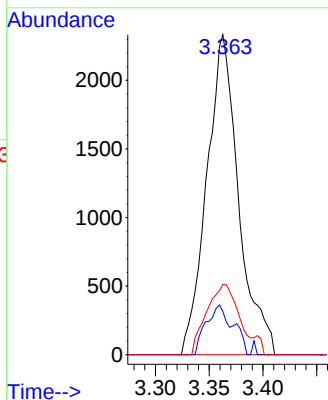
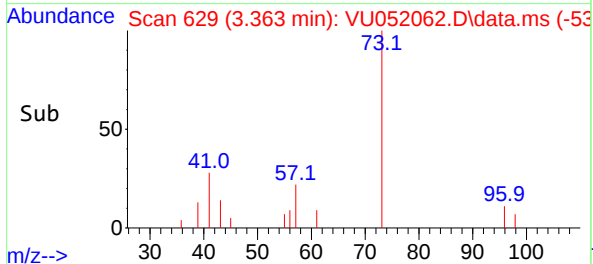


#17
Methyl tert-butyl Ether
Concen: 0.139 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052062.D
Acq: 23 Nov 2022 00:46

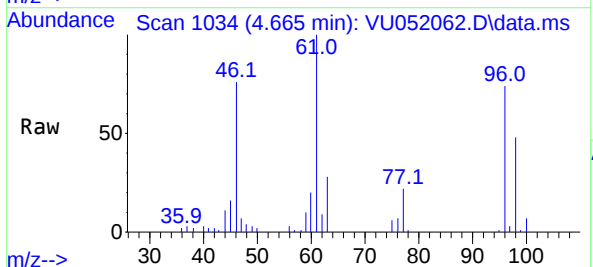
Instrument :
MSVOA_U
ClientSampleId :



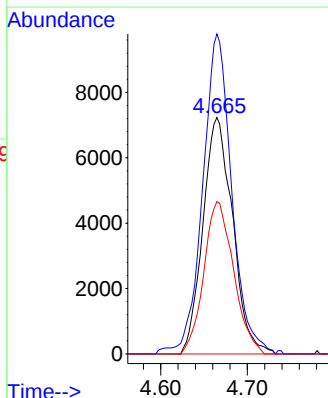
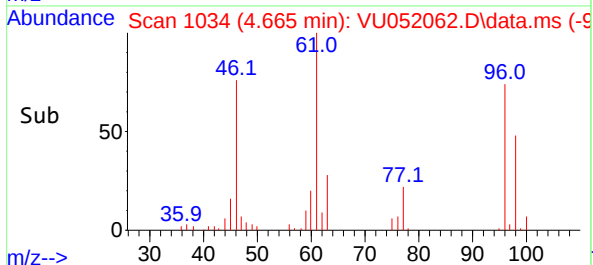
Tgt Ion: 73 Resp: 4809
Ion Ratio Lower Upper
73 100
43 13.1 13.2 19.8#
57 23.3 17.8 26.8

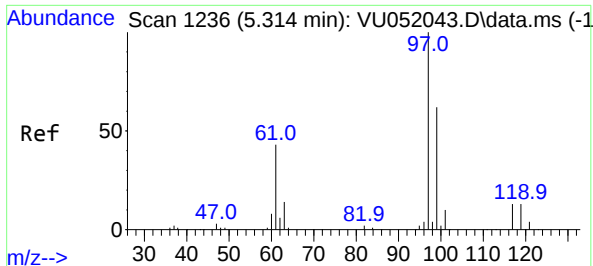


#22
cis-1,2-Dichloroethene
Concen: 0.990 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052062.D
Acq: 23 Nov 2022 00:46



Tgt Ion: 96 Resp: 17235
Ion Ratio Lower Upper
96 100
61 135.3 85.1 158.1
98 64.4 42.8 79.6

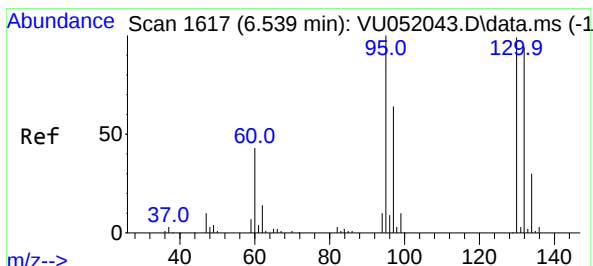
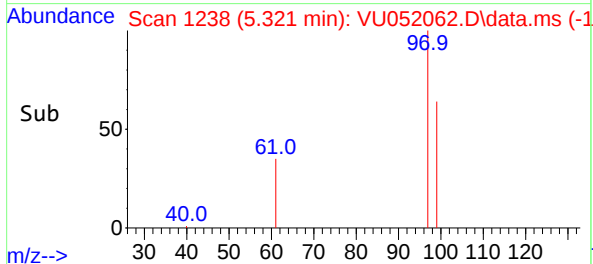
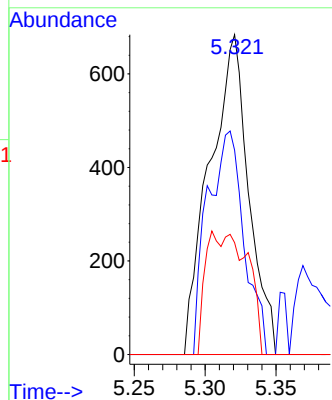
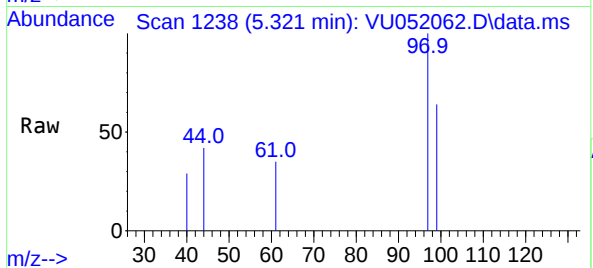




#29
1,1,1-Trichloroethane
Concen: 0.052 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU052062.D
Acq: 23 Nov 2022 00:46

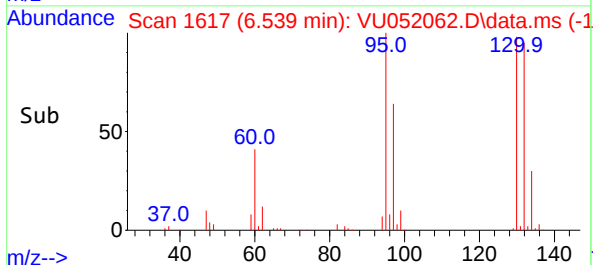
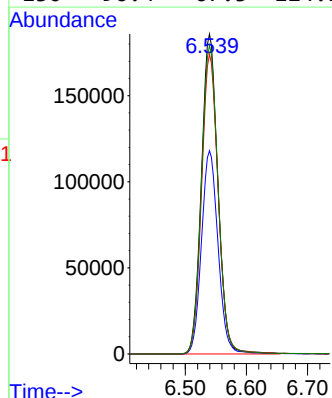
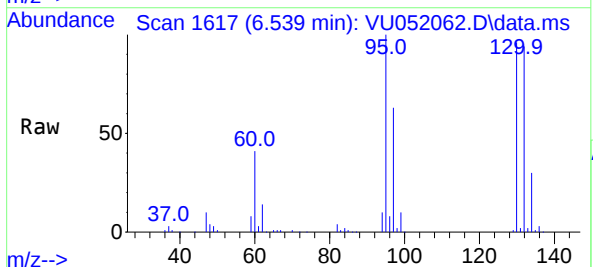
Instrument :
MSVOA_U
ClientSampleId :

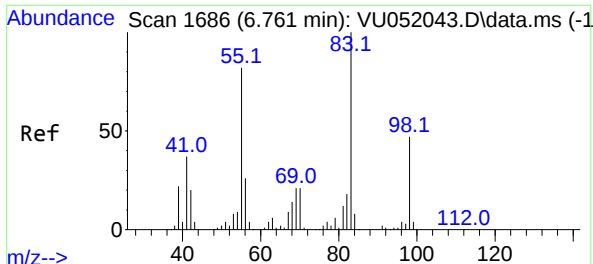
Tgt Ion: 97 Resp: 1313
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 16.4 36.9 55.3#



#34
Trichloroethene
Concen: 19.056 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052062.D
Acq: 23 Nov 2022 00:46

Tgt Ion: 95 Resp: 348752
Ion Ratio Lower Upper
95 100
97 63.5 43.7 81.1
132 93.7 64.3 119.3
130 96.4 67.3 124.9





#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052062.D

Acq: 23 Nov 2022 00:46

Instrument :

MSVOA_U

ClientSampleId :

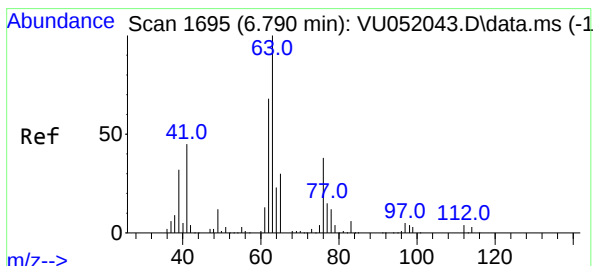
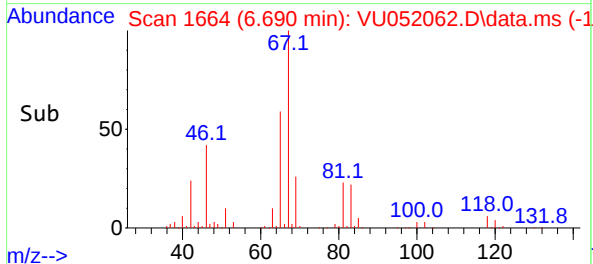
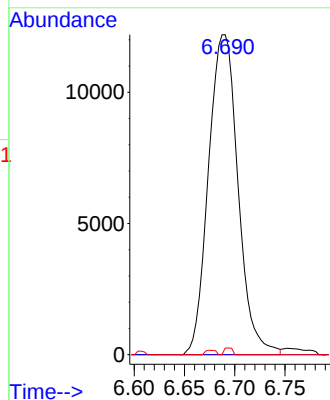
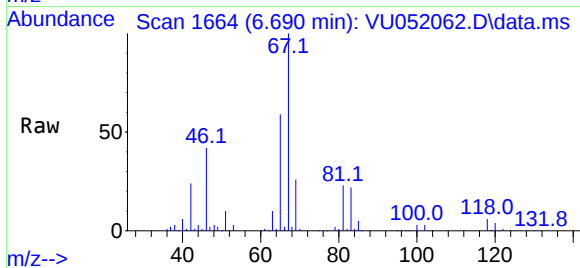
Tgt Ion: 83 Resp: 24981

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.099 min

Lab File: VU052062.D

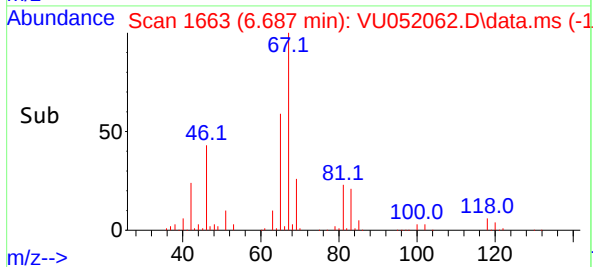
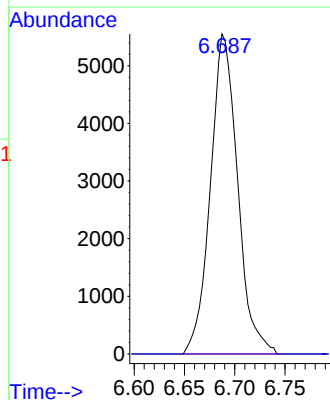
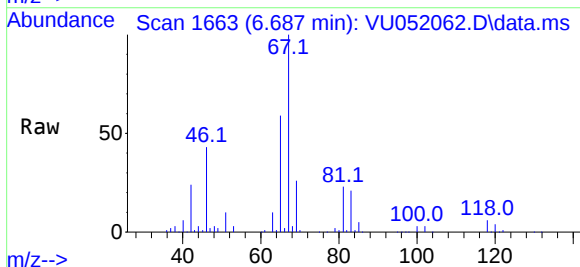
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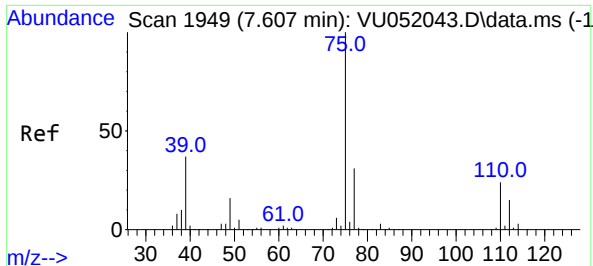
Tgt Ion: 63 Resp: 10443

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.559 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU052062.D

Acq: 23 Nov 2022 00:46

Instrument :

MSVOA_U

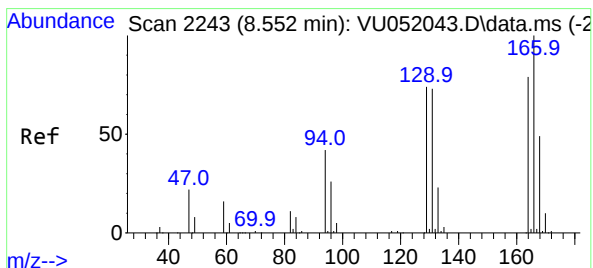
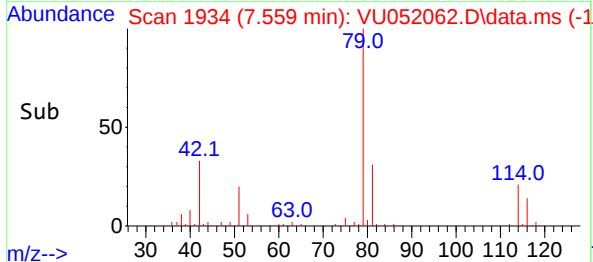
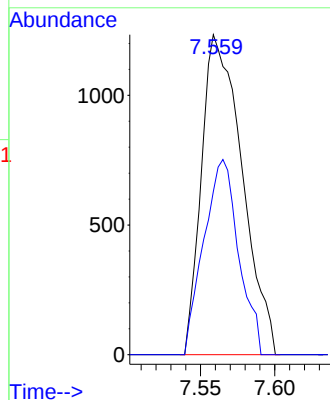
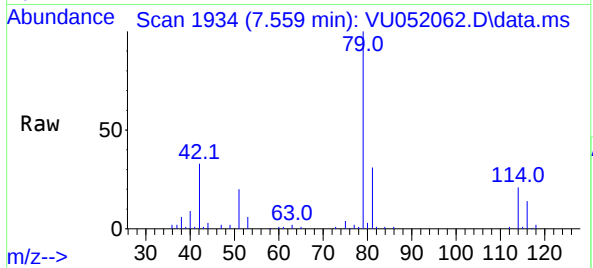
ClientSampleId :

Tgt Ion: 75 Resp: 2341

Ion Ratio Lower Upper

75 100

77 51.0 22.0 40.8#



#47

Tetrachloroethene

Concen: 3.639 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052062.D

Acq: 23 Nov 2022 00:46

Tgt Ion: 164 Resp: 51035

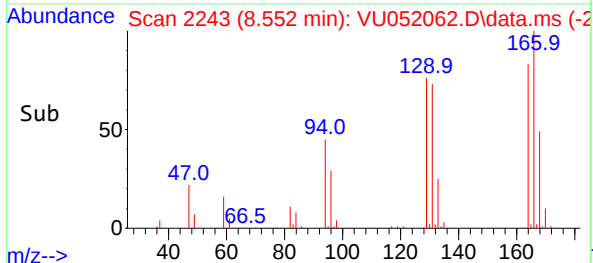
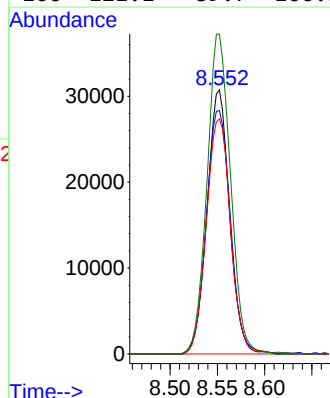
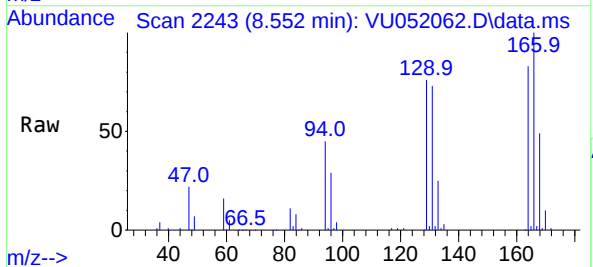
Ion Ratio Lower Upper

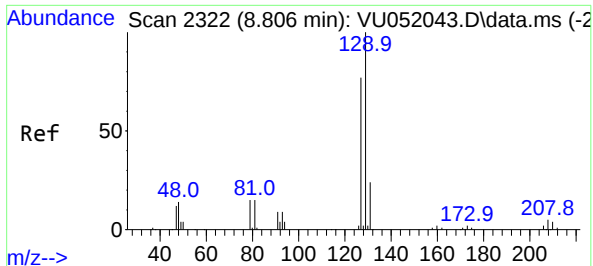
164 100

129 92.1 67.4 125.2

131 89.0 67.1 124.7

166 121.1 89.7 166.5





#49

Dibromochloromethane

Concen: 3.148 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052062.D

Acq: 23 Nov 2022 00:46

Instrument :

MSVOA_U

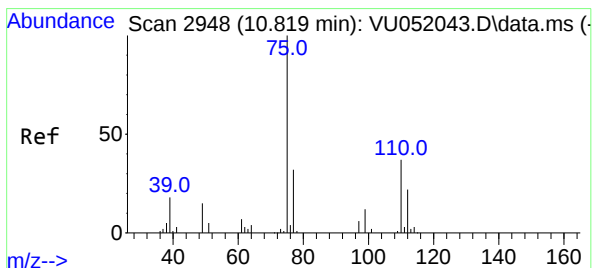
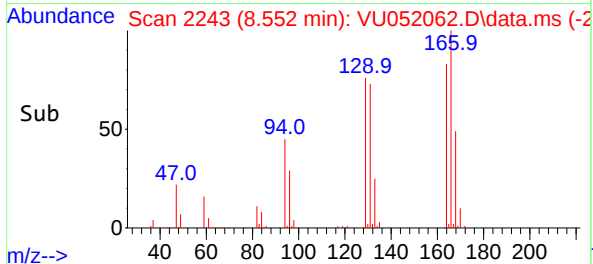
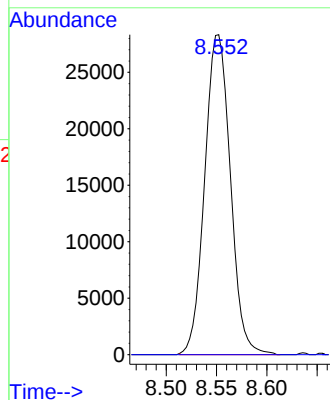
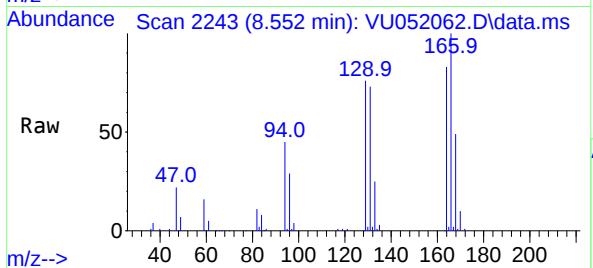
ClientSampleId :

Tgt Ion:129 Resp: 50340

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.028 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052062.D

Acq: 23 Nov 2022 00:46

Tgt Ion: 75 Resp: 9917

Ion Ratio Lower Upper

75 100

110 0.4 28.3 42.5#

77 30.0 26.2 39.2

