

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052202.D
 Acq On : 07 Dec 2022 17:33
 Operator : JC/MD
 Sample : N5930-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ88

Quant Time: Dec 08 02:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

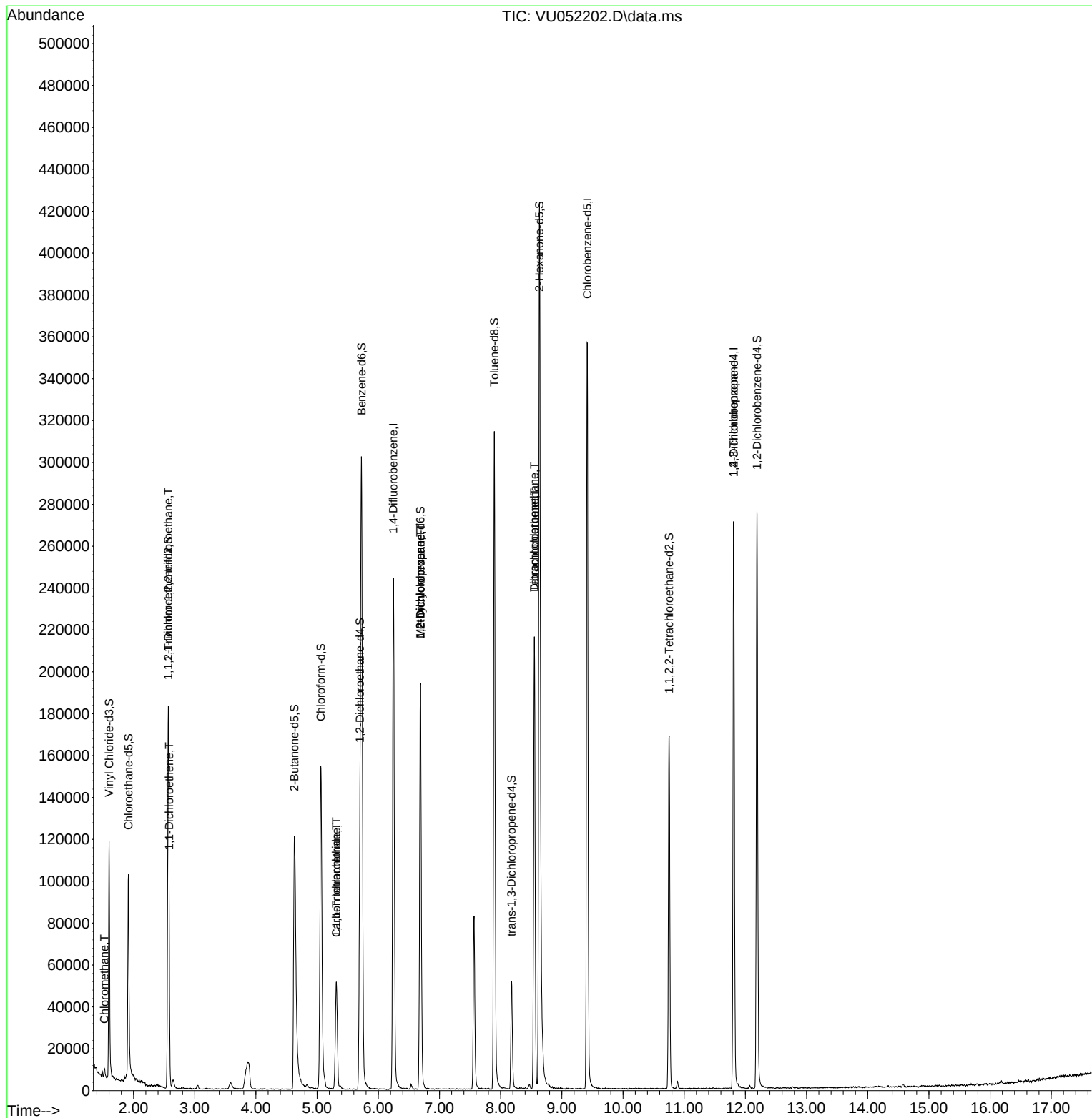
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	205986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86897	4.337	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.916	69	77032	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.568	65	33631	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.629	46	199862	55.031	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.060%
24) Chloroform-d	5.060	84	148615	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.700	65	78299	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.726	84	298090	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.690	67	99264	5.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	224203	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.179	79	30699	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.633	63	144741	48.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88810	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	78106	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	3632	0.156	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	903	0.060	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	4684	0.313	ug/L #	1
29) 1,1,1-Trichloroethane	5.314	97	37637	1.602	ug/L	98
31) Carbon tetrachloride	5.314	117	5248	0.263	ug/L	95
35) Methylcyclohexane	6.690	83	22422	0.907	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9601	0.538	ug/L #	88
47) Tetrachloroethene	8.552	164	50655	3.845	ug/L	98
49) Dibromochloromethane	8.552	129	49031	3.264	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9305	1.030	ug/L #	69

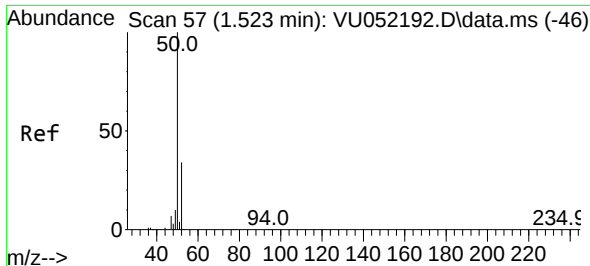
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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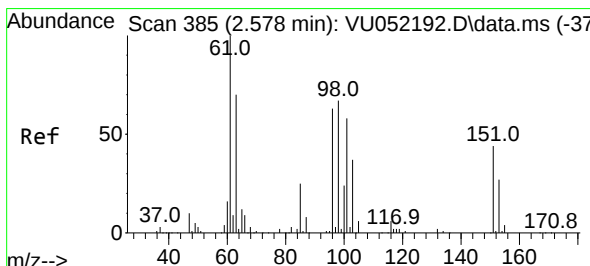
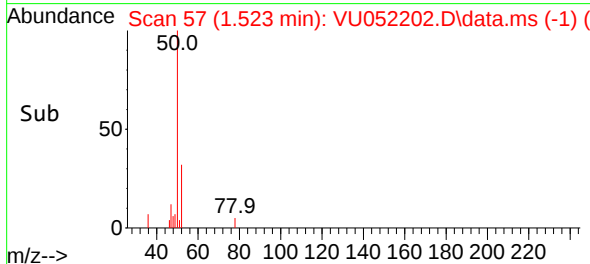
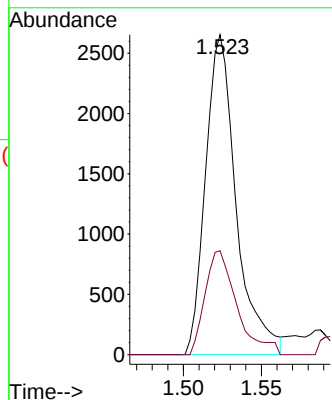
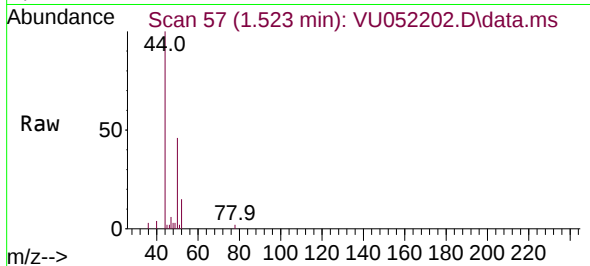




#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052202.D
Acq: 07 Dec 2022 17:33

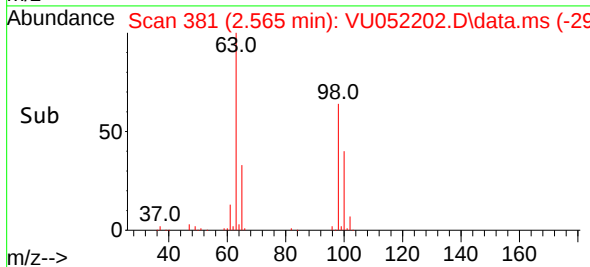
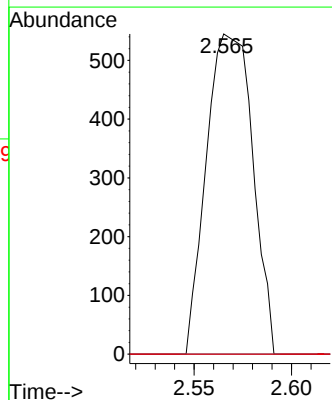
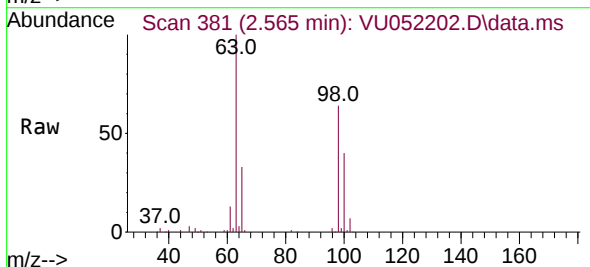
Instrument :
MSVOA_U
ClientSampleId :
EXZ88

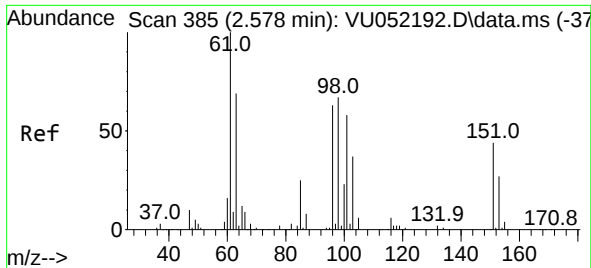
Tgt Ion: 50 Resp: 3632
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052202.D
Acq: 07 Dec 2022 17:33

Tgt Ion: 101 Resp: 903
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

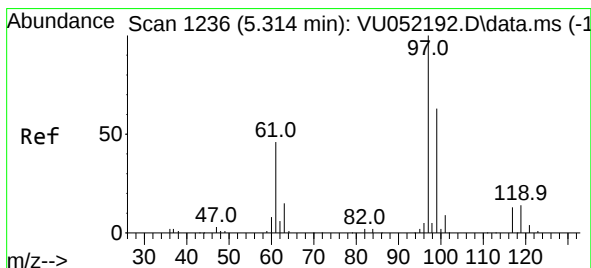
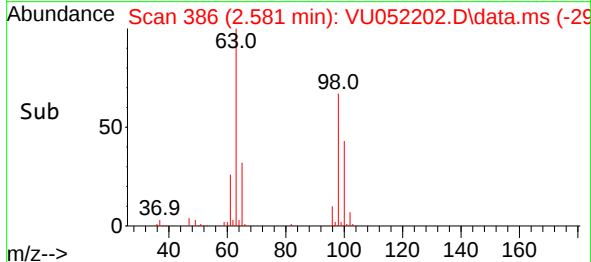
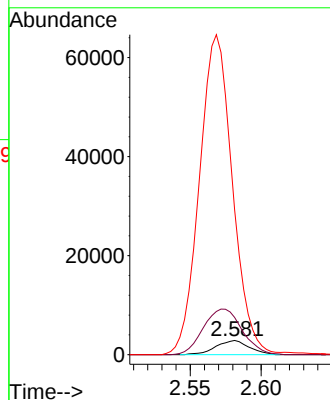
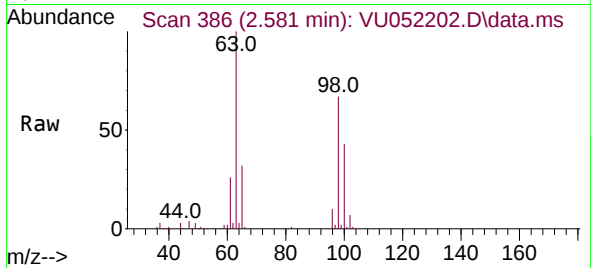




#12
 1,1-Dichloroethene
 Concen: 0.313 ug/L
 RT: 2.581 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU052202.D
 Acq: 07 Dec 2022 17:33

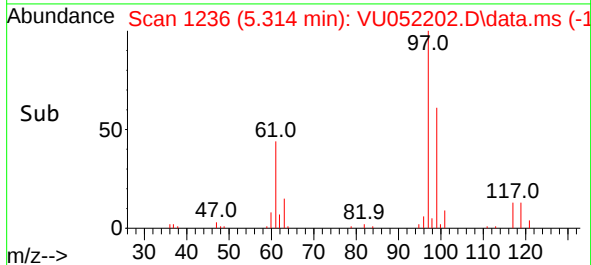
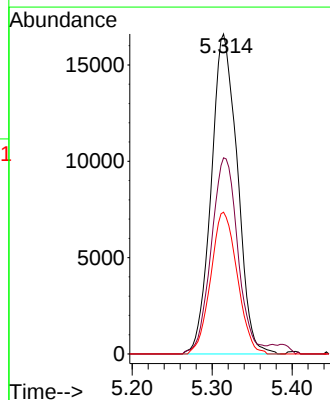
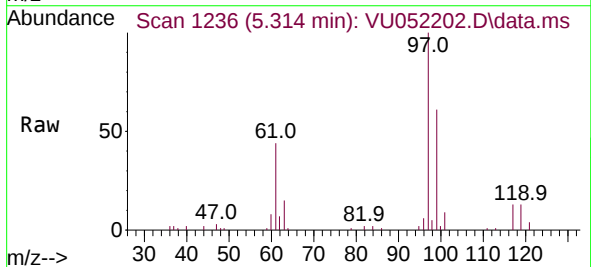
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ88

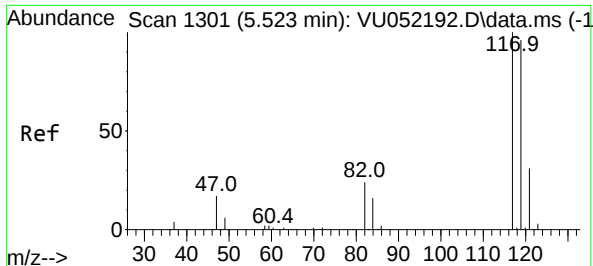
Tgt Ion: 96 Resp: 4684
 Ion Ratio Lower Upper
 96 100
 61 261.8 114.8 213.2#
 63 1019.9 93.7 174.1#



#29
 1,1,1-Trichloroethane
 Concen: 1.602 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VU052202.D
 Acq: 07 Dec 2022 17:33

Tgt Ion: 97 Resp: 37637
 Ion Ratio Lower Upper
 97 100
 99 62.6 51.0 76.6
 61 45.0 36.9 55.3

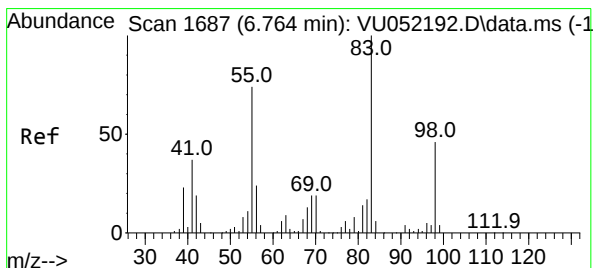
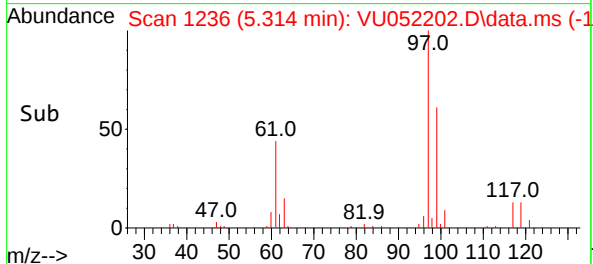
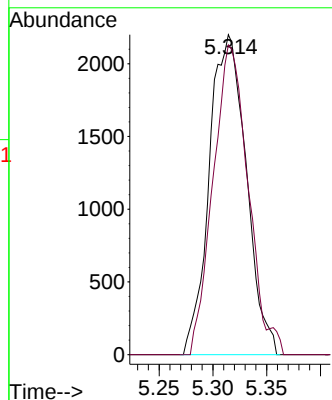
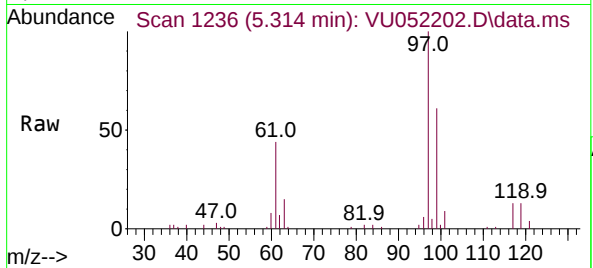




#31
Carbon tetrachloride
Concen: 0.263 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU052202.D
Acq: 07 Dec 2022 17:33

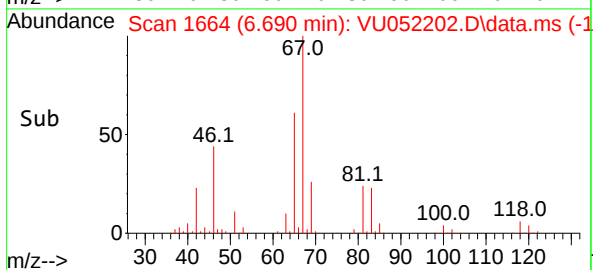
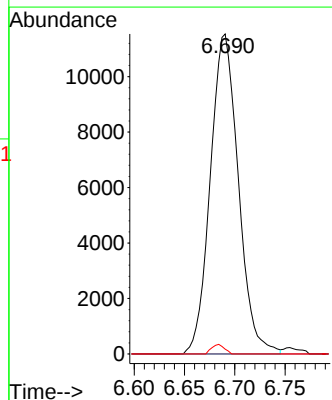
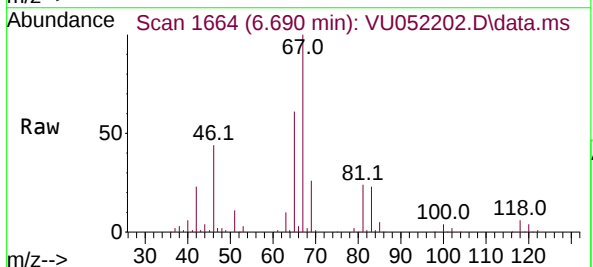
Instrument :
MSVOA_U
ClientSampleId :
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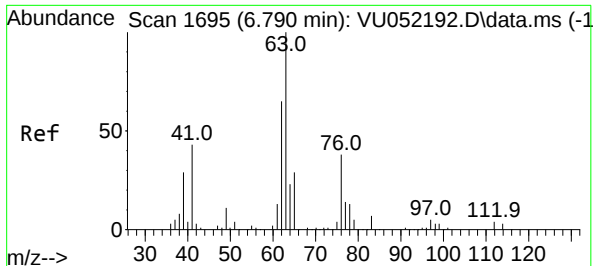
Tgt Ion:117 Resp: 5248
Ion Ratio Lower Upper
117 100
119 91.7 77.2 115.8



#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU052202.D
Acq: 07 Dec 2022 17:33

Tgt Ion: 83 Resp: 22422
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.4 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052202.D

Acq: 07 Dec 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

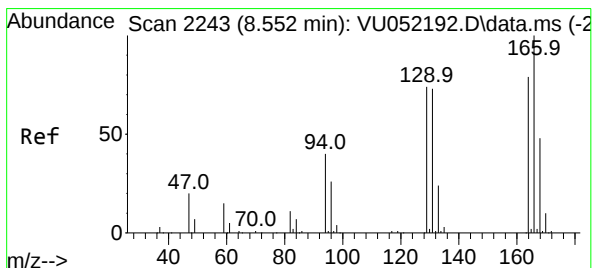
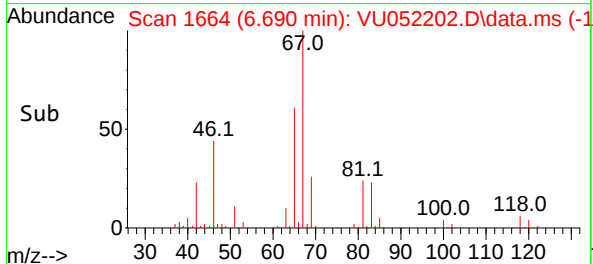
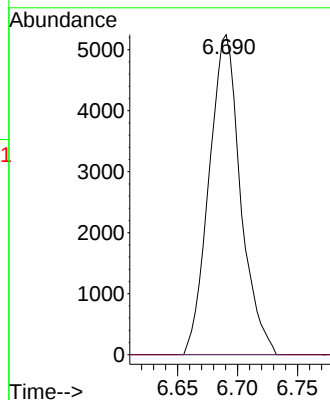
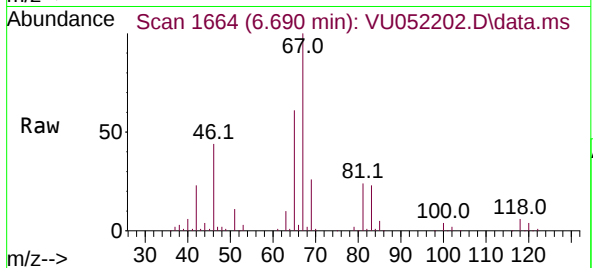
EXZ88

Tgt Ion: 63 Resp: 9601

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 3.845 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052202.D

Acq: 07 Dec 2022 17:33

Tgt Ion: 164 Resp: 50655

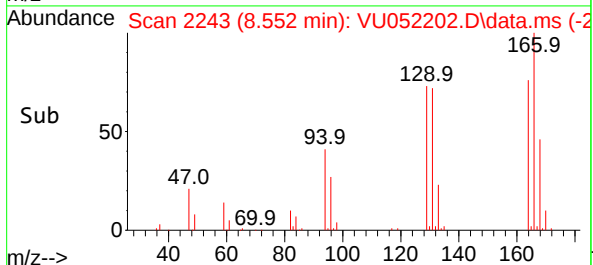
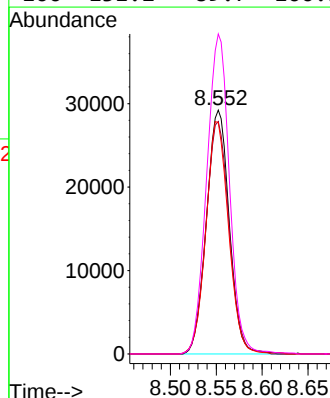
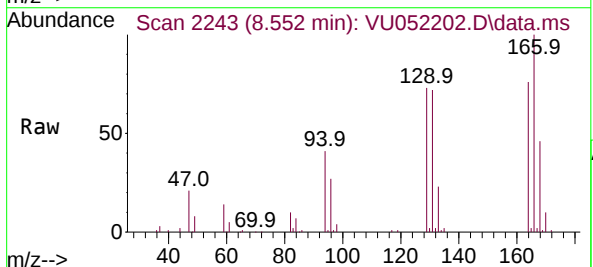
Ion Ratio Lower Upper

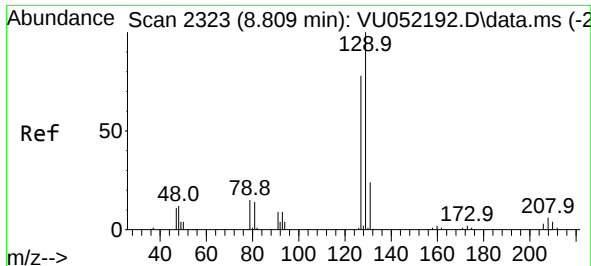
164 100

129 95.3 67.4 125.2

131 94.9 67.1 124.7

166 131.2 89.7 166.5





#49

Dibromochloromethane

Concen: 3.264 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052202.D

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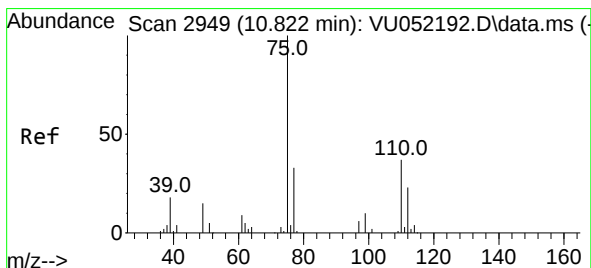
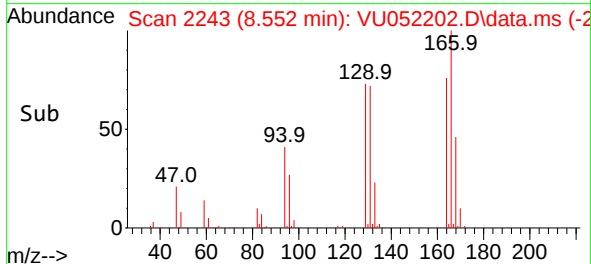
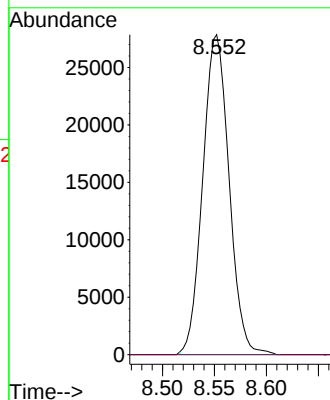
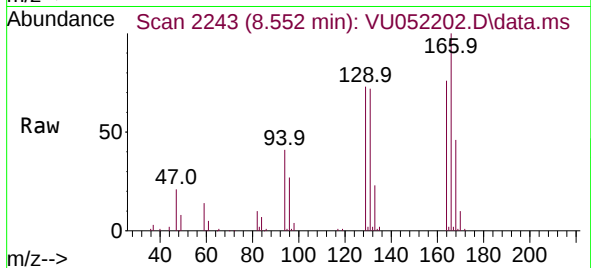
EXZ88

Tgt Ion:129 Resp: 49031

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.030 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU052202.D

Acq: 07 Dec 2022 17:33

Tgt Ion: 75 Resp: 9305

Ion Ratio Lower Upper

75 100

110 2.2 28.3 42.5#

77 30.7 26.2 39.2

