

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056270.D
 Acq On : 13 Nov 2023 22:55
 Operator : MD/SY
 Sample : 05371-07RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

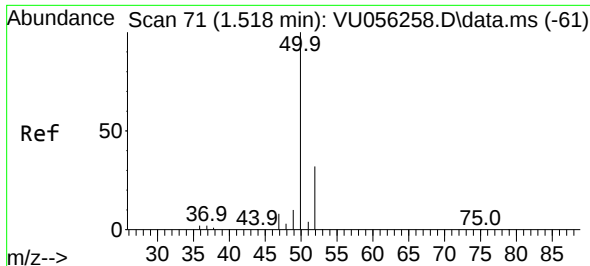
Quant Time: Nov 14 21:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307811	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	300725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67683	2.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.911	69	57371	3.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.000%
11) 1,1-Dichloroethene-d2	2.563	65	35158	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.624	46	183124	39.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.780%
24) Chloroform-d	5.058	84	156838	3.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	5.695	65	77377	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	5.721	84	306280	3.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
36) 1,2-Dichloropropane-d6	6.685	67	98838	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.894	98	258128	3.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.177	79	33376	3.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.631	63	146274	35.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73113	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	94443	3.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6959	0.279	ug/L	98
8) Chloroethane	1.930	64	4550	0.310	ug/L #	82
12) 1,1-Dichloroethene	2.573	96	6308	0.335	ug/L #	1
13) Acetone	2.631	43	192568	49.249	ug/L	99
15) Methyl Acetate	2.833	43	3586	0.515	ug/L #	49
21) 2-Butanone	4.711	43	58585	11.547	ug/L	97
34) Trichloroethene	6.537	95	23848	1.020	ug/L	97
35) Methylcyclohexane	6.682	83	22266	0.660	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9992	0.447	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	1840	0.123	ug/L #	1
47) Tetrachloroethene	8.547	164	197584	12.533	ug/L	99
48) 2-Hexanone	8.688	43	15548	1.799	ug/L #	84
49) Dibromochloromethane	8.547	129	206003	12.156	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	16961	1.477	ug/L #	67

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

Quant Time: Nov 14 21:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
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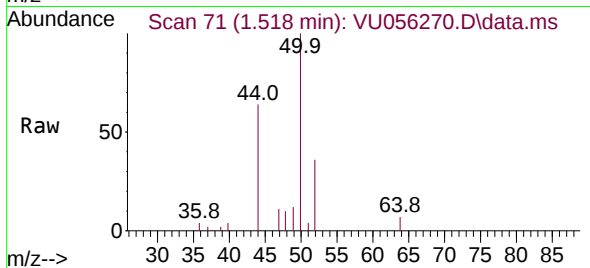


#3
Chloromethane
Concen: 0.279 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

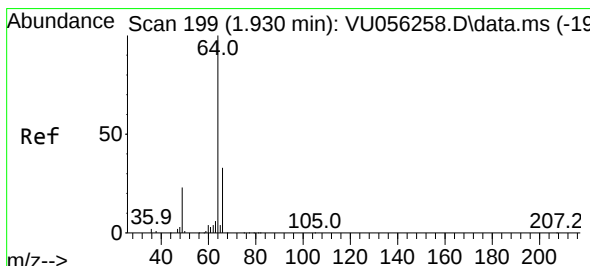
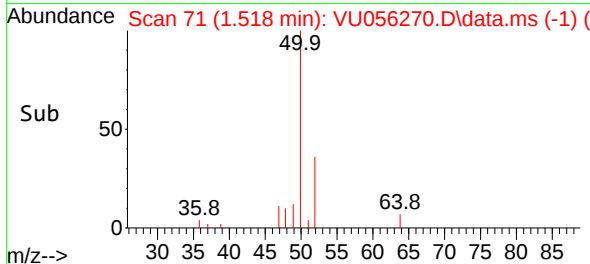
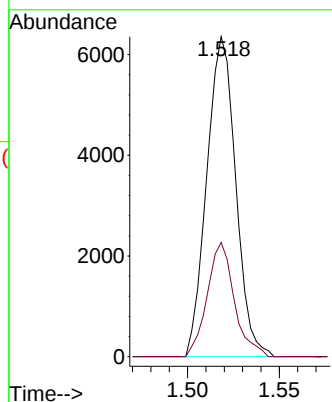
Instrument :

MSVOA_U

ClientSampleId :

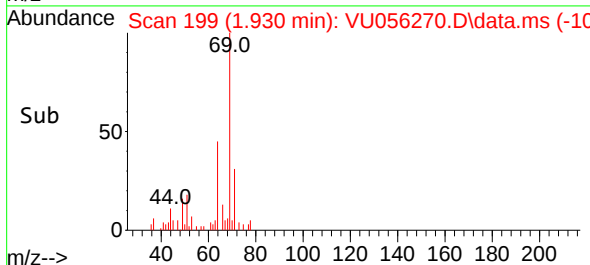
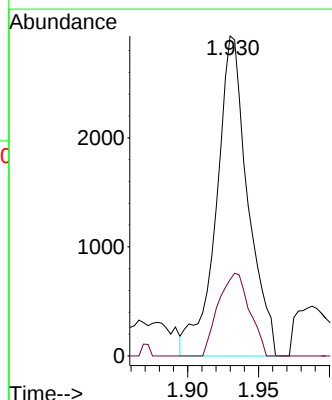
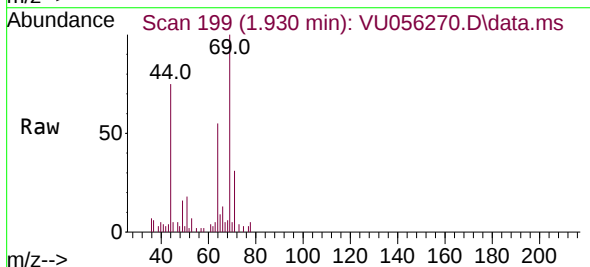


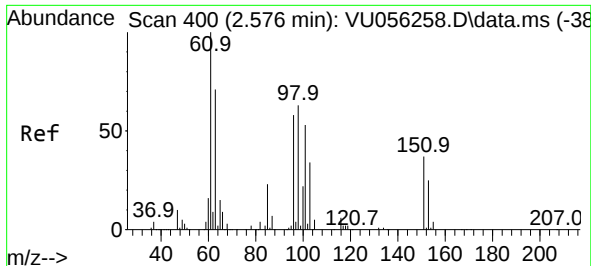
Tgt Ion: 50 Resp: 6959
Ion Ratio Lower Upper
50 100
52 35.7 24.3 45.1



#8
Chloroethane
Concen: 0.310 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

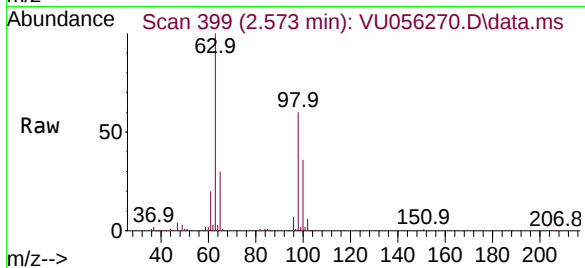
Tgt Ion: 64 Resp: 4550
Ion Ratio Lower Upper
64 100
66 23.9 23.9 44.5#



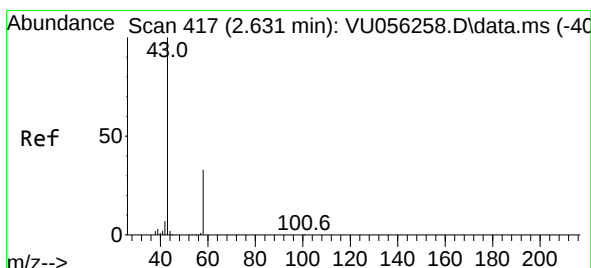
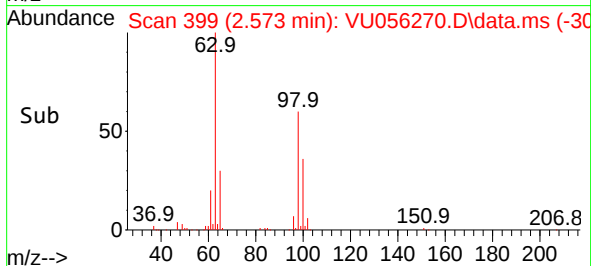
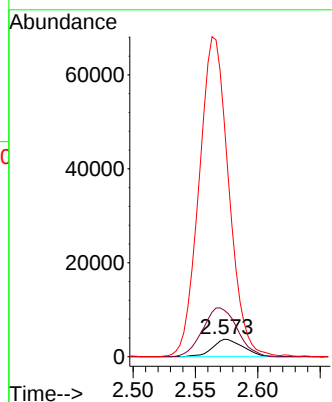


#12
 1,1-Dichloroethene
 Concen: 0.335 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056270.D
 Acq: 13 Nov 2023 22:55

Instrument :
 MSVOA_U
 ClientSampleId :

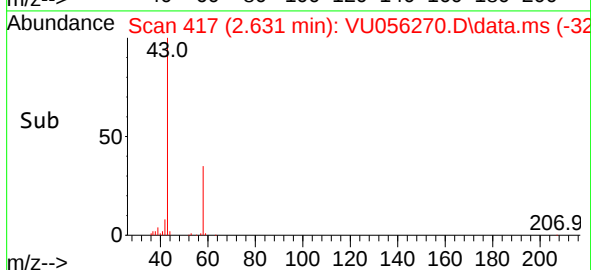
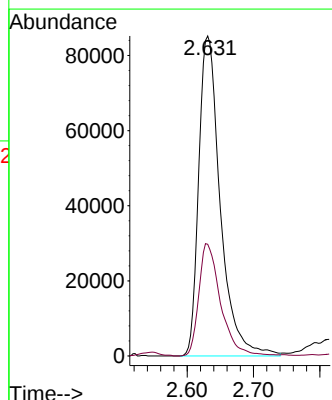
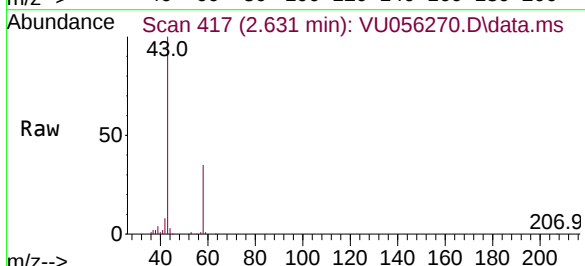


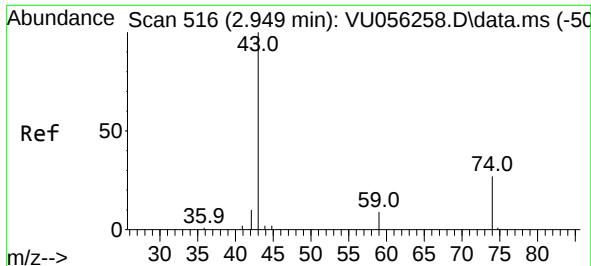
Tgt Ion: 96 Resp: 6308
 Ion Ratio Lower Upper
 96 100
 61 266.0 123.1 228.7#
 63 1357.8 93.3 173.3#



#13
 Acetone
 Concen: 49.249 ug/L
 RT: 2.631 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VU056270.D
 Acq: 13 Nov 2023 22:55

Tgt Ion: 43 Resp: 192568
 Ion Ratio Lower Upper
 43 100
 58 35.5 0.0 70.0

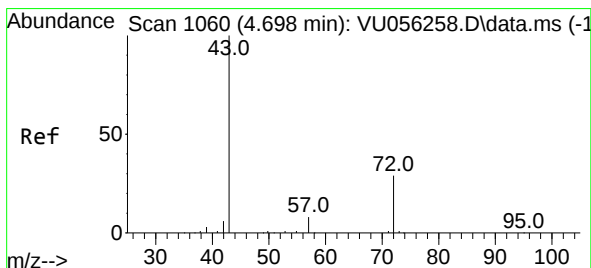
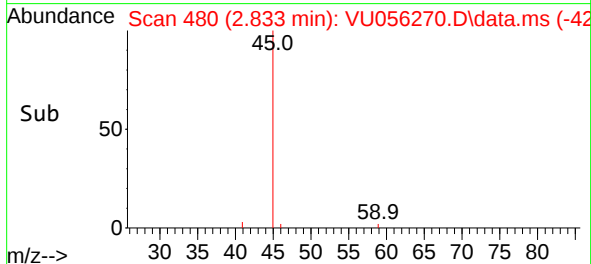
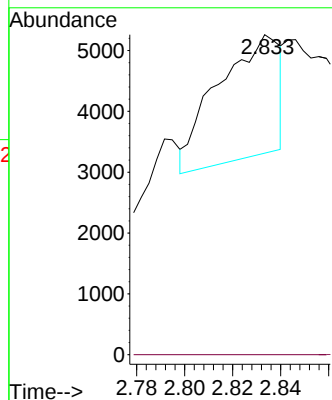
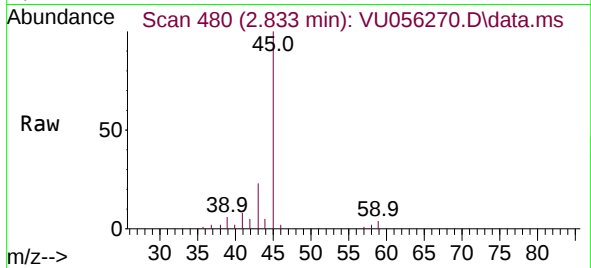




#15
Methyl Acetate
Concen: 0.515 ug/L
RT: 2.833 min Scan# 41
Delta R.T. -0.116 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

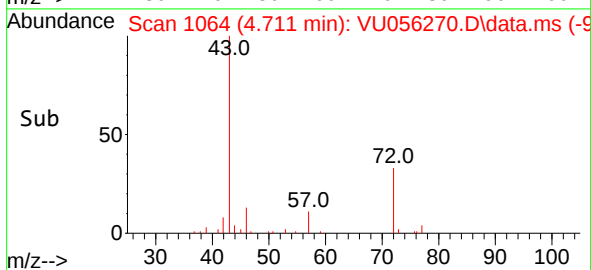
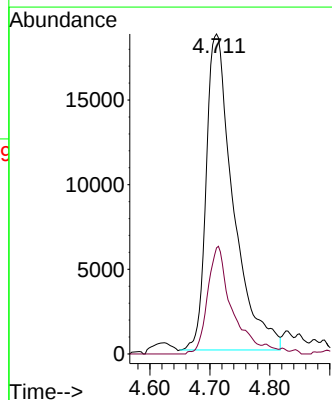
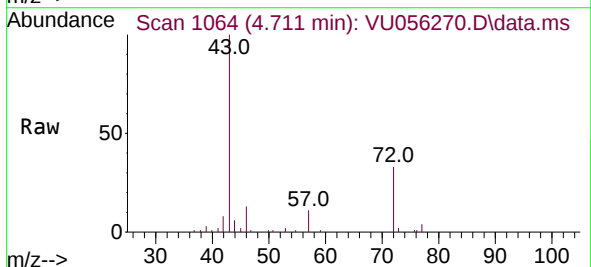
Instrument :
MSVOA_U
ClientSampleId :

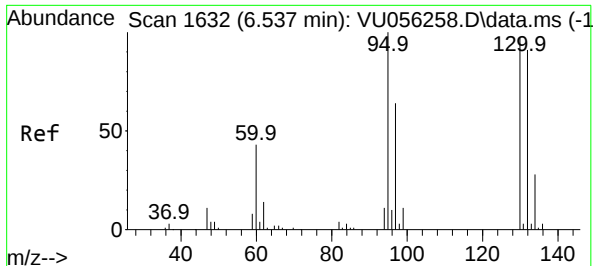
Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#21
2-Butanone
Concen: 11.547 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

Tgt Ion: 43 Resp: 58585
Ion Ratio Lower Upper
43 100
72 29.8 14.2 42.6





#34

Trichloroethene

Concen: 1.020 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 23848

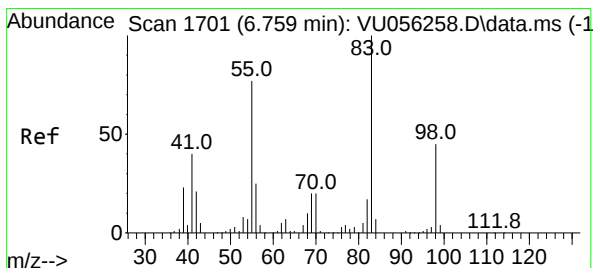
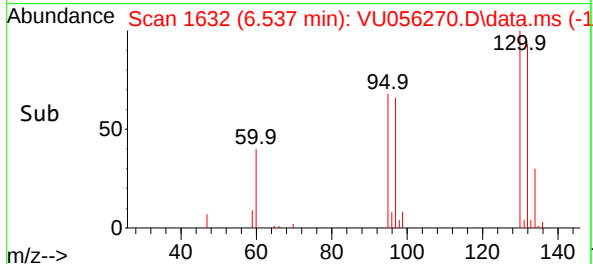
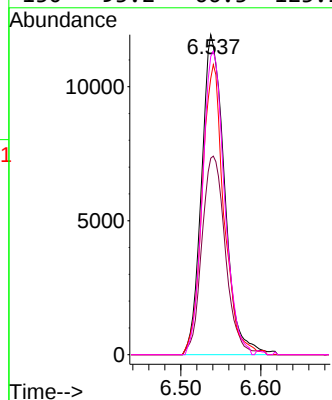
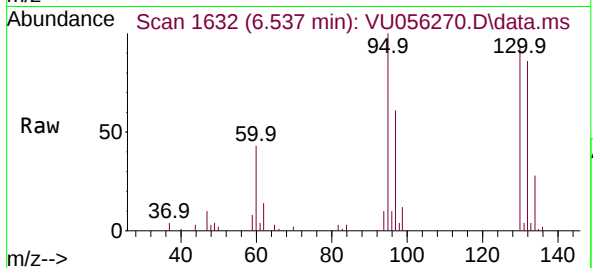
Ion Ratio Lower Upper

95 100

97 61.4 46.5 86.3

132 86.4 62.0 115.2

130 93.2 66.3 123.1



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

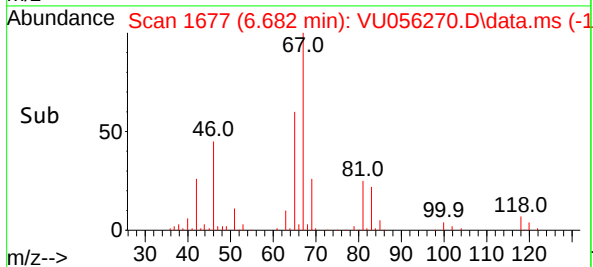
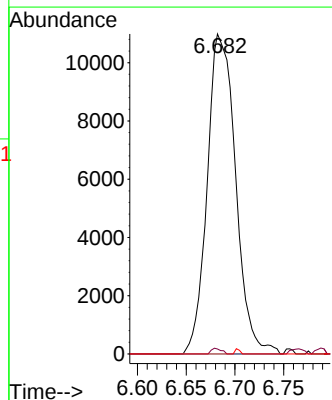
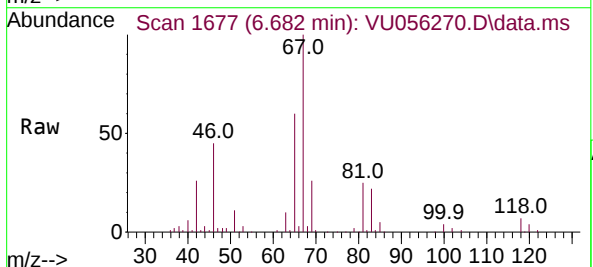
Tgt Ion: 83 Resp: 22266

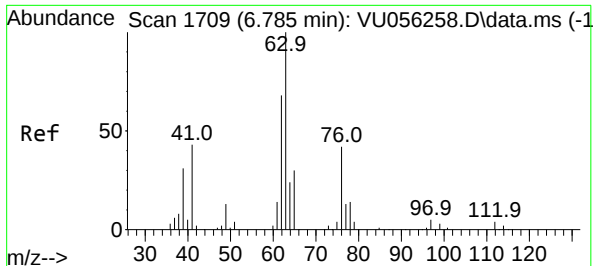
Ion Ratio Lower Upper

83 100

55 0.6 62.9 94.3#

98 0.3 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.447 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Instrument :

MSVOA_U

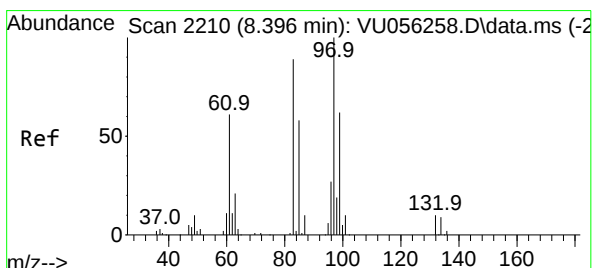
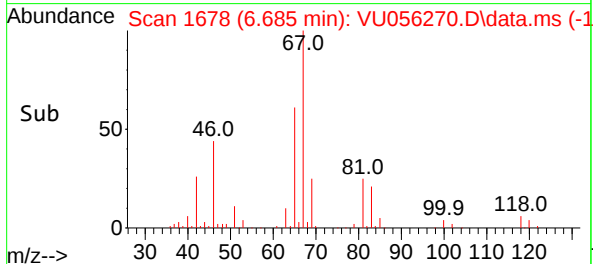
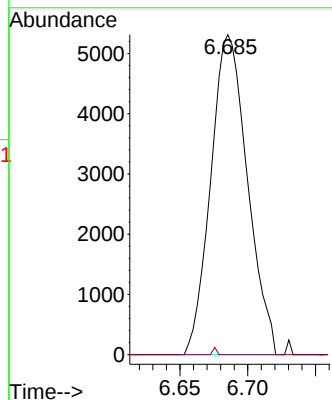
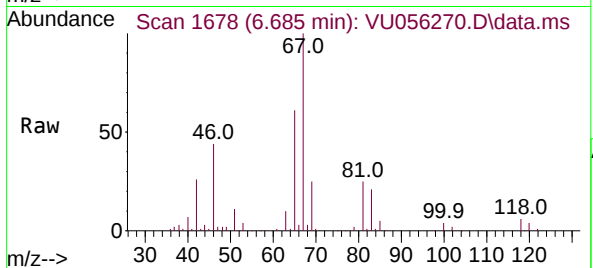
ClientSampleId :

Tgt Ion: 63 Resp: 9992

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#



#45

1,1,2-Trichloroethane

Concen: 0.123 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.151 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Tgt Ion: 97 Resp: 1840

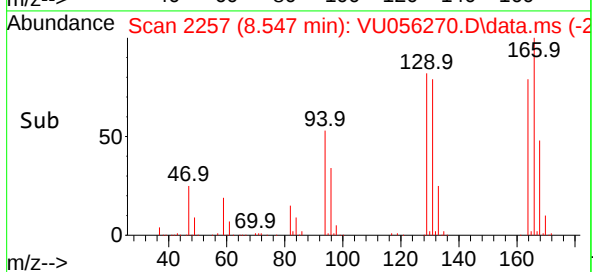
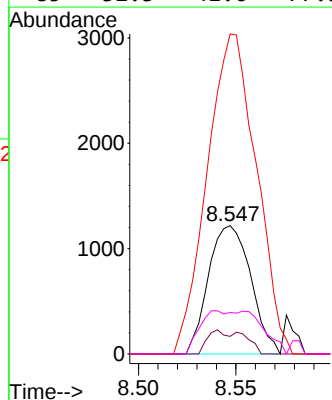
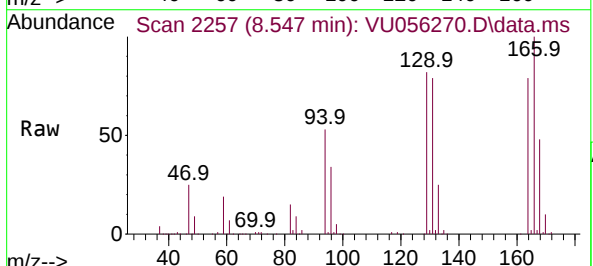
Ion Ratio Lower Upper

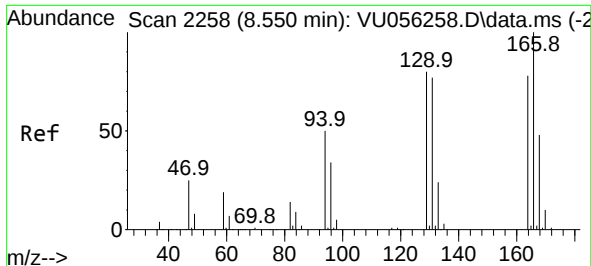
97 100

99 13.8 44.3 82.3#

83 249.4 65.4 121.4#

85 32.3 41.6 77.3#





#47

Tetrachloroethene

Concen: 12.533 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

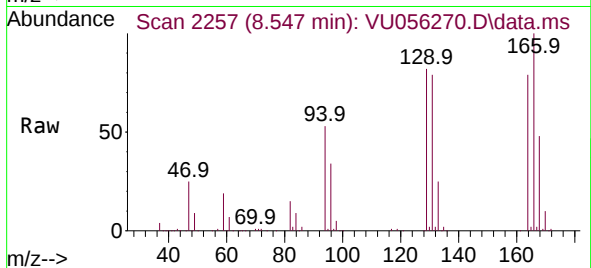
Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 197584

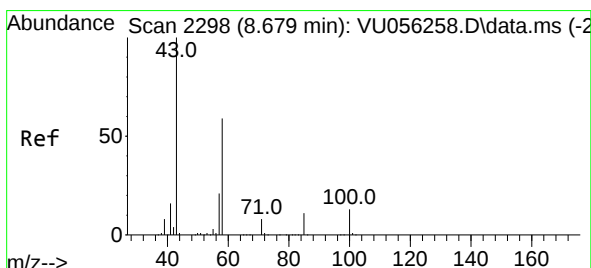
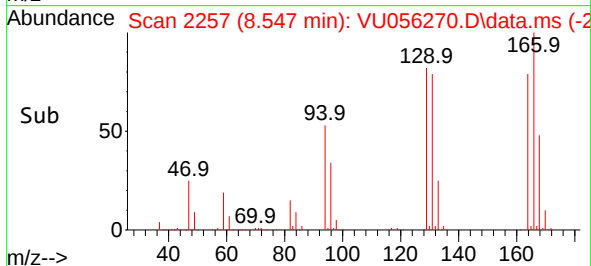
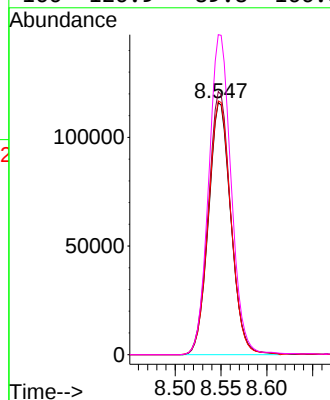
Ion Ratio Lower Upper

164 100

129 104.3 71.0 131.9

131 100.6 70.3 130.7

166 126.9 89.8 166.8



#48

2-Hexanone

Concen: 1.799 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Tgt Ion: 43 Resp: 15548

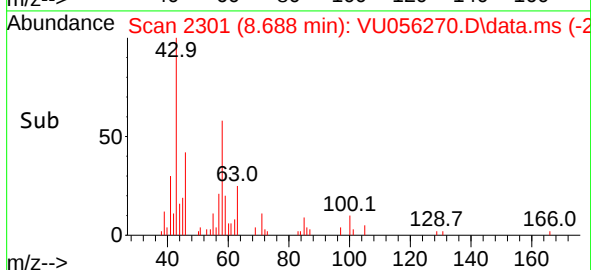
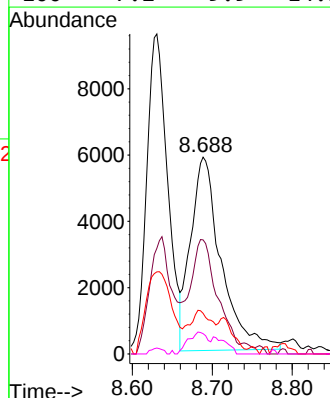
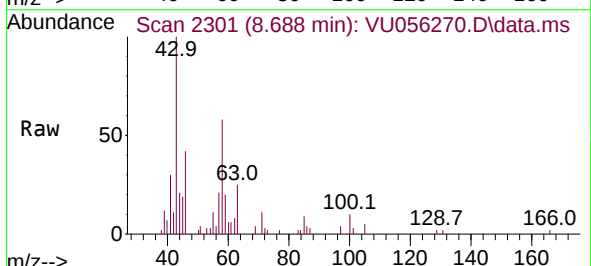
Ion Ratio Lower Upper

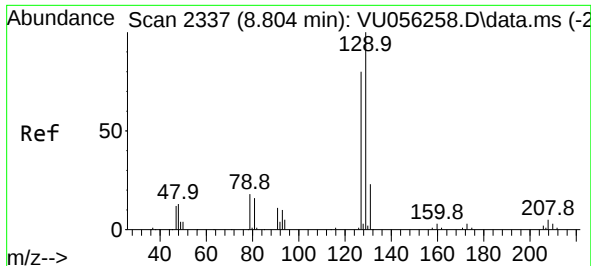
43 100

58 46.1 48.7 73.1#

57 16.9 16.8 25.2

100 7.2 9.9 14.9#





#49

Dibromochloromethane

Concen: 12.156 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Instrument :

MSVOA_U

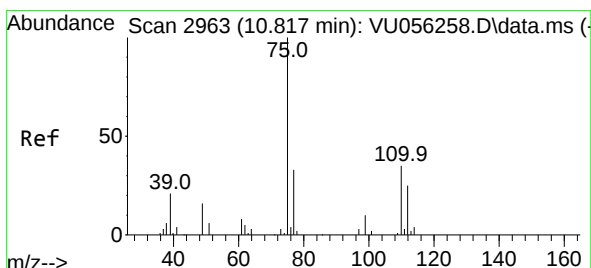
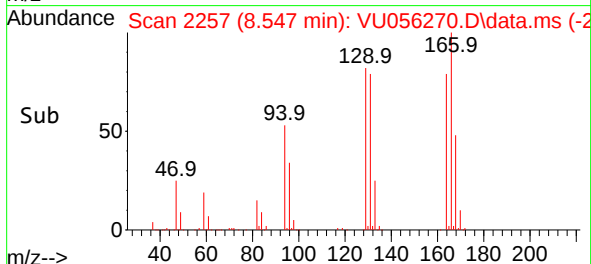
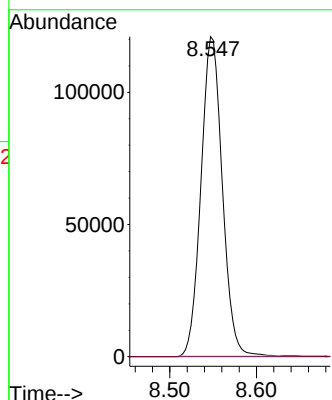
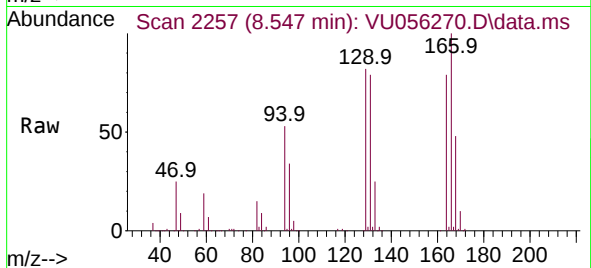
ClientSampleId :

Tgt Ion:129 Resp: 206003

Ion Ratio Lower Upper

129 100

127 0.0 52.9 98.3#



#61

1,2,3-Trichloropropane

Concen: 1.477 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056270.D

Acq: 13 Nov 2023 22:55

Tgt Ion: 75 Resp: 16961

Ion Ratio Lower Upper

75 100

110 2.2 30.4 45.6#

77 32.2 27.0 40.6

