

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056236.D
 Acq On : 11 Nov 2023 23:44
 Operator : MD/SY
 Sample : 05371-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 00:47:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

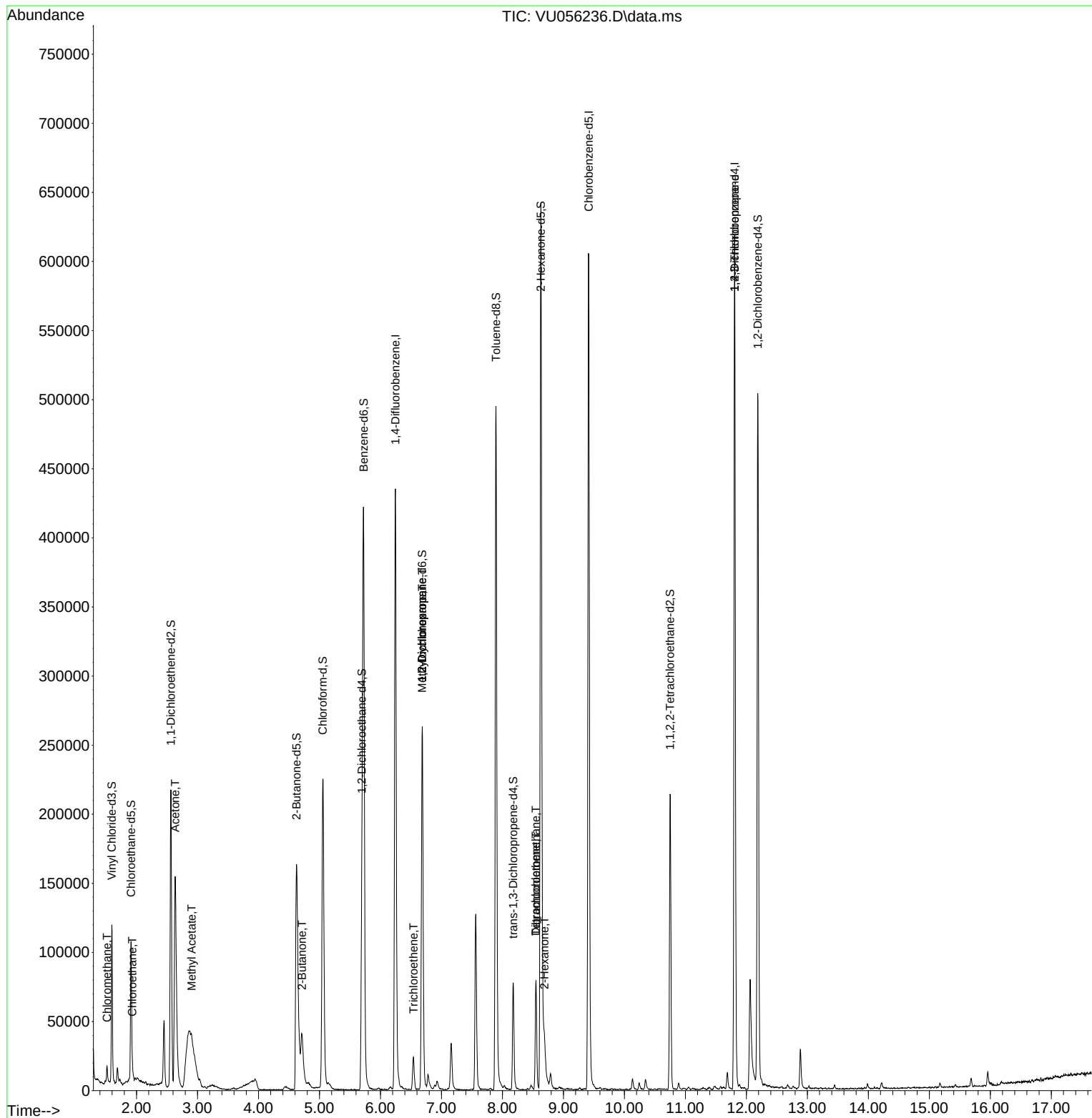
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	374601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	371257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	170395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83446	3.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.911	69	75322	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	40574	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	281281	73.739	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.480%#
24) Chloroform-d	5.055	84	220383	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.695	65	106323	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.724	84	421082	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.685	67	137282	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.894	98	350977	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	48003	4.785	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	232427	70.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.360%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	109495	5.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	140532	5.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	7648	0.257	ug/L	99
8) Chloroethane	1.933	64	3510	0.210	ug/L	88
13) Acetone	2.634	43	237343	84.368	ug/L	99
15) Methyl Acetate	2.904	43	2930	0.369	ug/L #	46
21) 2-Butanone	4.714	43	59334	12.789	ug/L	95
34) Trichloroethene	6.544	95	8309	0.286	ug/L	91
35) Methylcyclohexane	6.682	83	30460	0.706	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	14430	0.522	ug/L #	87
47) Tetrachloroethene	8.550	164	16570	0.760	ug/L	97
48) 2-Hexanone	8.688	43	20950	2.380	ug/L	92
49) Dibromochloromethane	8.550	129	16923	0.780	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19776	1.345	ug/L #	69

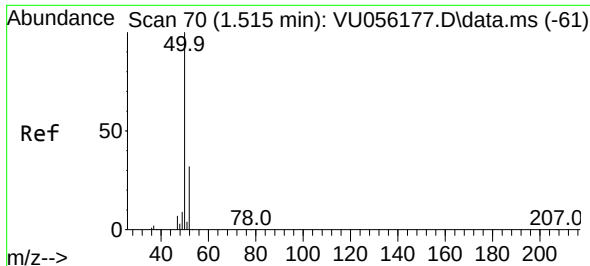
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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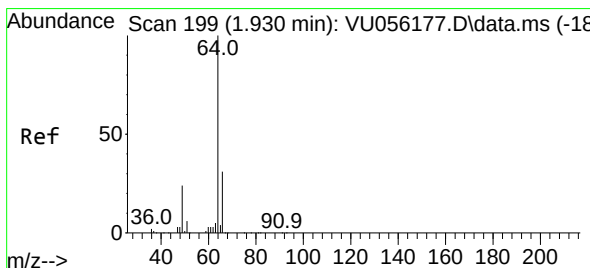
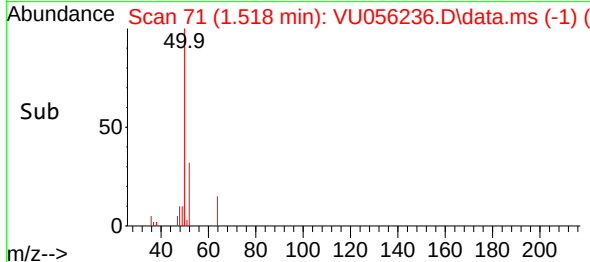
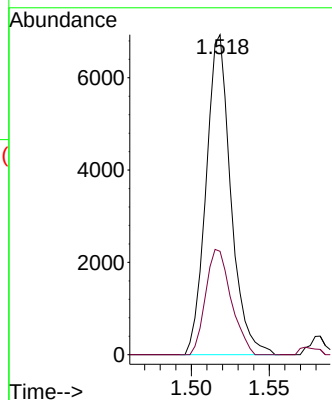
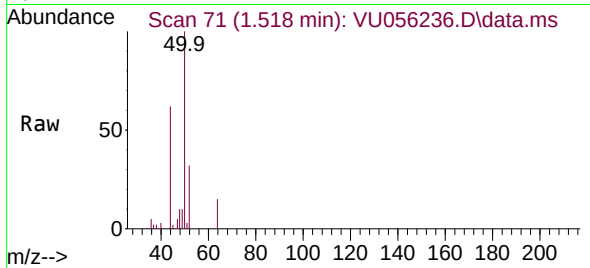




#3
Chloromethane
Concen: 0.257 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056236.D
Acq: 11 Nov 2023 23:44

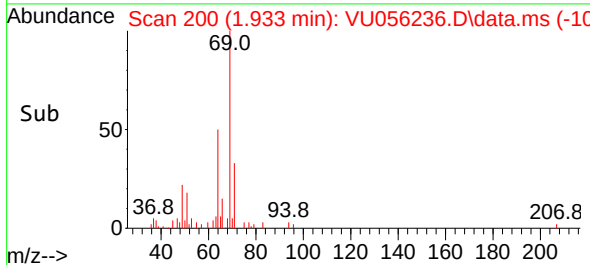
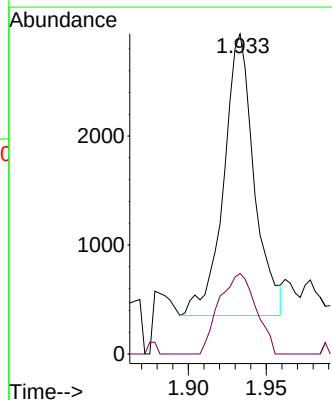
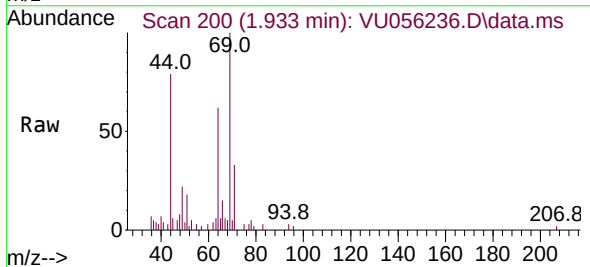
Instrument :
MSVOA_U
ClientSampleId :

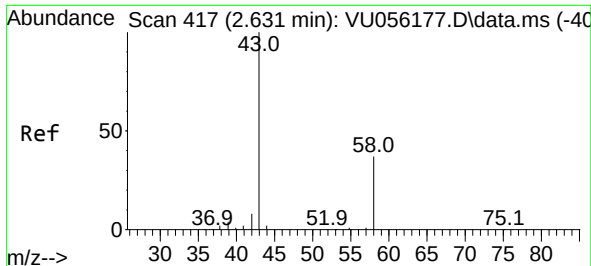
Tgt Ion: 50 Resp: 7648
Ion Ratio Lower Upper
50 100
52 32.3 22.2 41.2



#8
Chloroethane
Concen: 0.210 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056236.D
Acq: 11 Nov 2023 23:44

Tgt Ion: 64 Resp: 3510
Ion Ratio Lower Upper
64 100
66 25.2 22.4 41.6





#13

Acetone

Concen: 84.368 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Instrument :

MSVOA_U

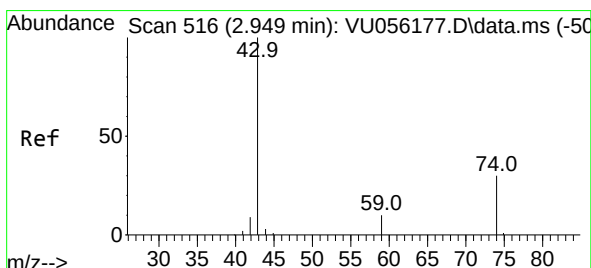
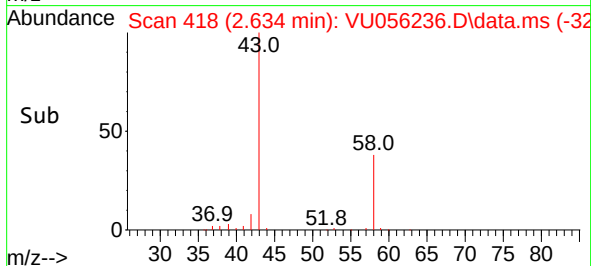
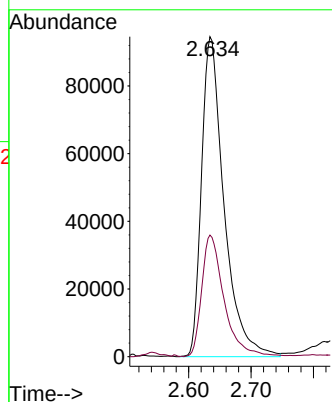
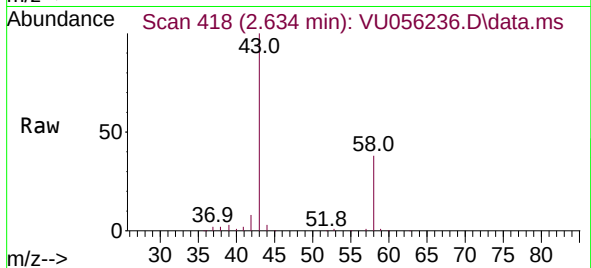
ClientSampleId :

Tgt Ion: 43 Resp: 237343

Ion Ratio Lower Upper

43 100

58 37.8 0.0 74.4



#15

Methyl Acetate

Concen: 0.369 ug/L

RT: 2.904 min Scan# 502

Delta R.T. -0.045 min

Lab File: VU056236.D

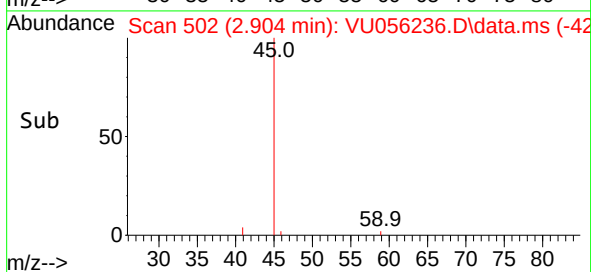
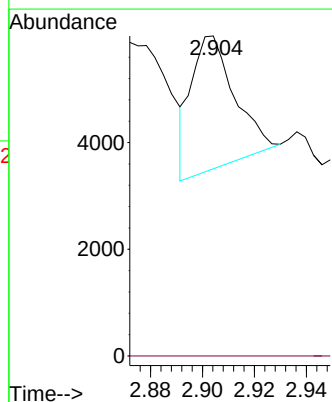
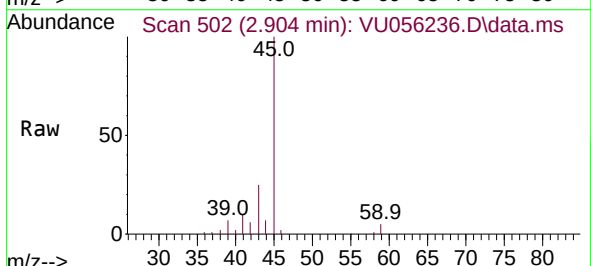
Acq: 11 Nov 2023 23:44

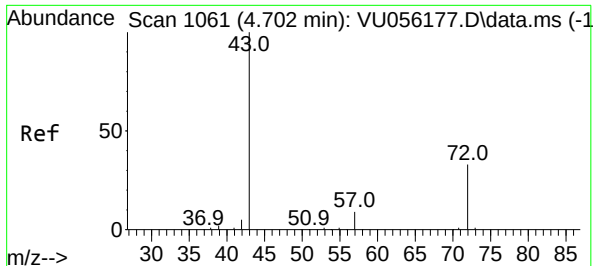
Tgt Ion: 43 Resp: 2930

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#





#21

2-Butanone

Concen: 12.789 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.013 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Instrument :

MSVOA_U

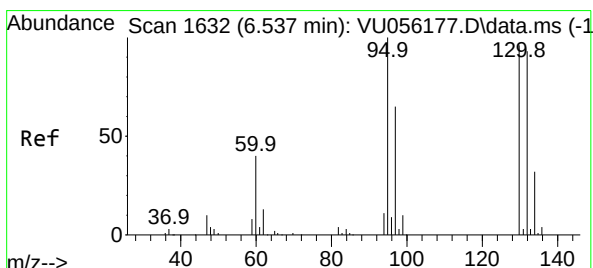
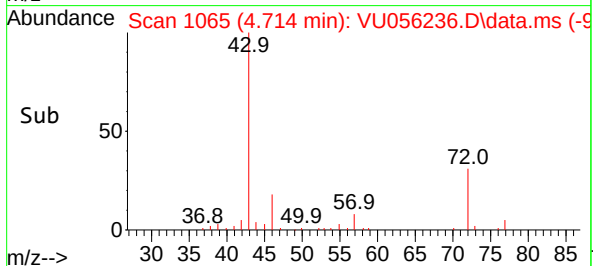
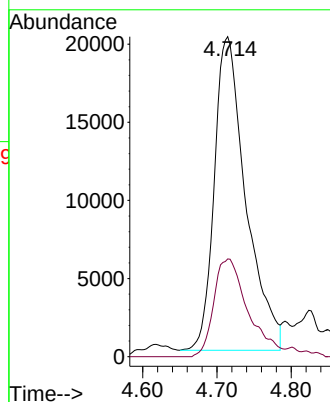
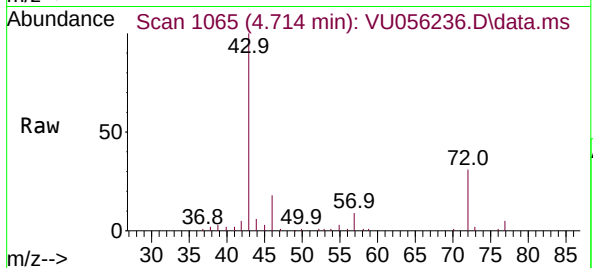
ClientSampleId :

Tgt Ion: 43 Resp: 59334

Ion Ratio Lower Upper

43 100

72 33.8 15.7 47.0



#34

Trichloroethene

Concen: 0.286 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.006 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Tgt Ion: 95 Resp: 8309

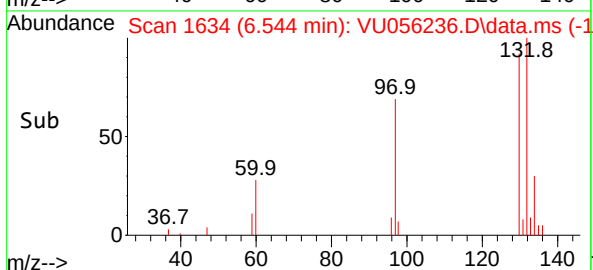
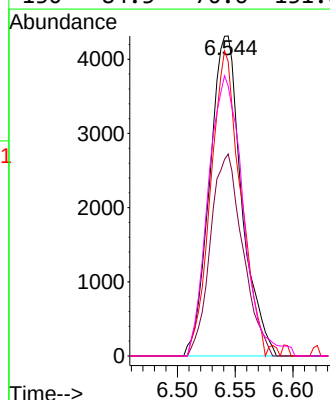
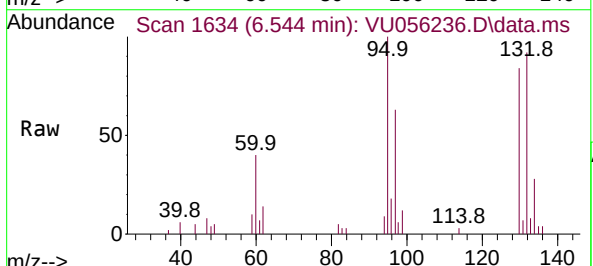
Ion Ratio Lower Upper

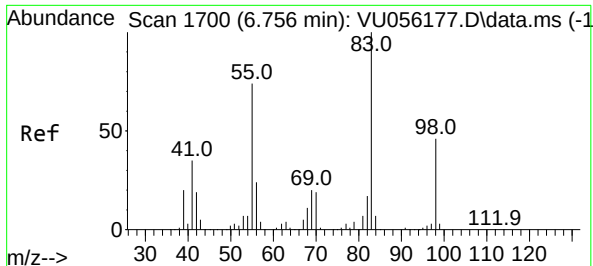
95 100

97 63.1 46.8 87.0

132 92.0 66.5 123.5

130 84.3 70.6 131.0





#35

Methylcyclohexane

Concen: 0.706 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056236.D

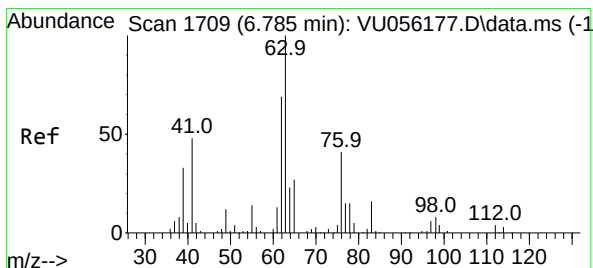
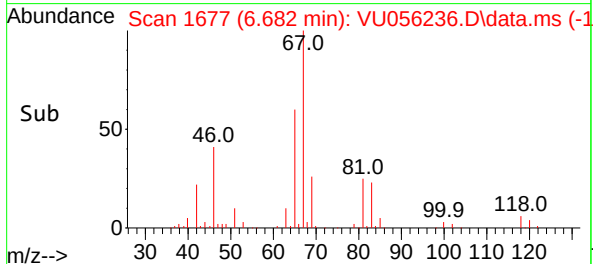
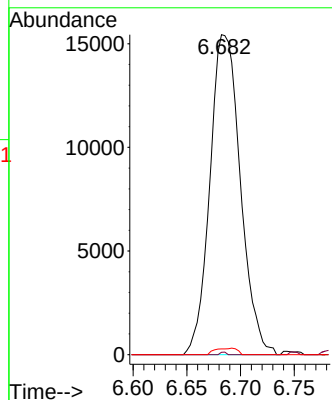
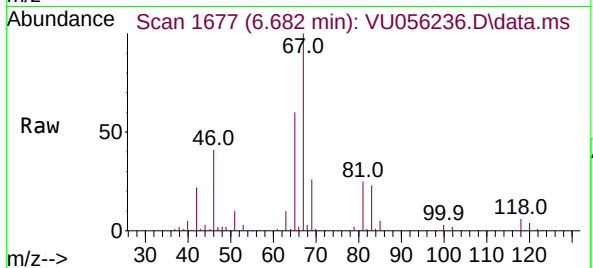
Acq: 11 Nov 2023 23:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 30460
Ion Ratio	Lower Upper
83 100	
55 0.2	60.6 91.0#
98 1.5	36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.522 ug/L

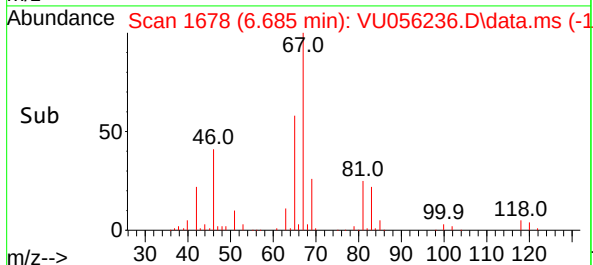
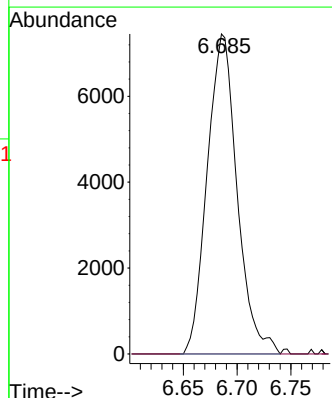
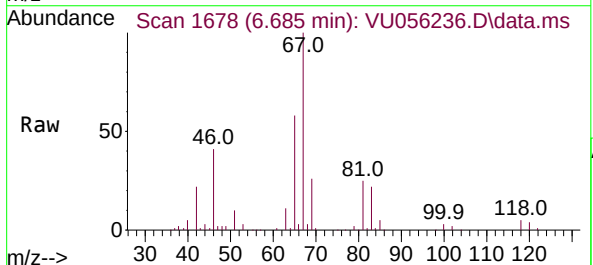
RT: 6.685 min Scan# 1678

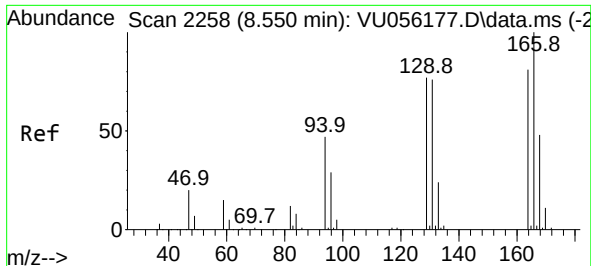
Delta R.T. -0.100 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Tgt Ion: 63	Resp: 14430
Ion Ratio	Lower Upper
63 100	
112 0.1	3.4 5.2#





#47

Tetrachloroethene

Concen: 0.760 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

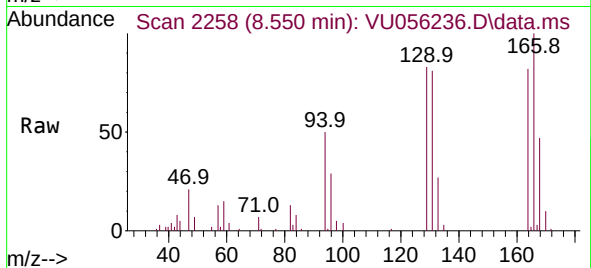
Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 16570

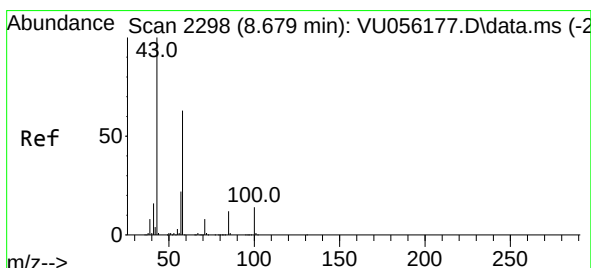
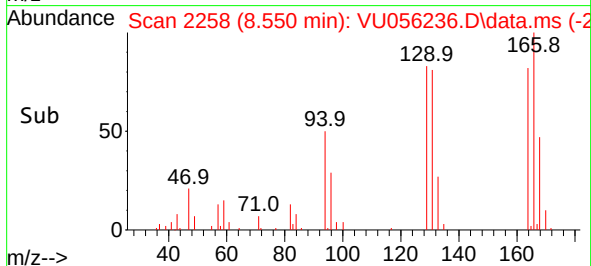
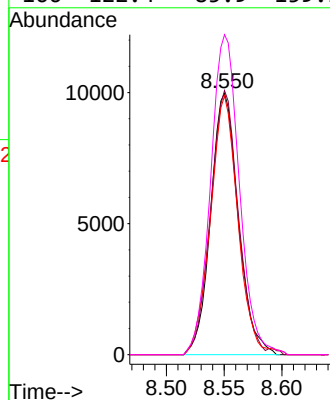
Ion Ratio Lower Upper

164 100

129 101.1 66.6 123.8

131 99.0 67.8 126.0

166 122.4 85.9 159.5



#48

2-Hexanone

Concen: 2.380 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Tgt Ion: 43 Resp: 20950

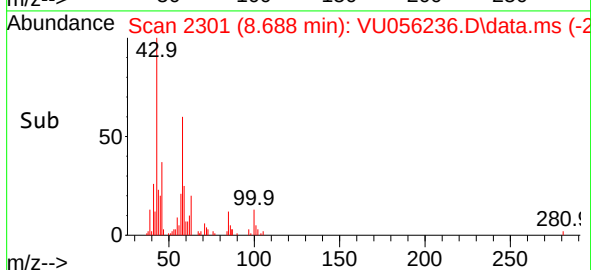
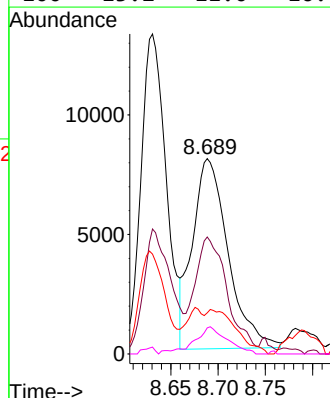
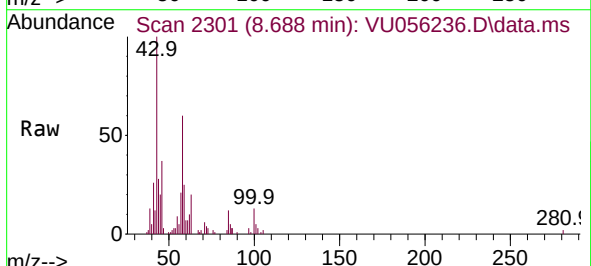
Ion Ratio Lower Upper

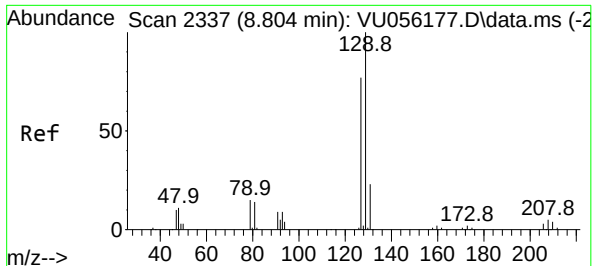
43 100

58 57.2 52.0 78.0

57 19.3 17.4 26.2

100 13.2 11.0 16.6





#49

Dibromochloromethane

Concen: 0.780 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Instrument :

MSVOA_U

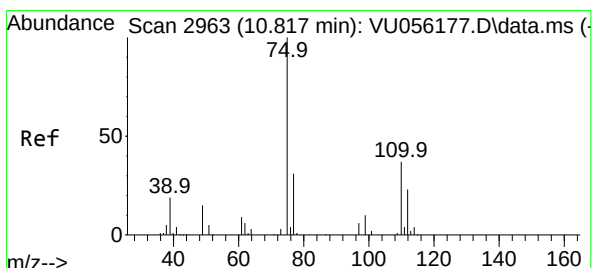
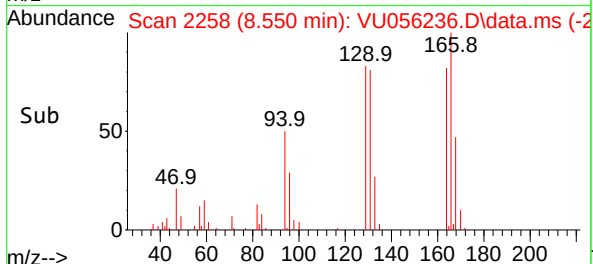
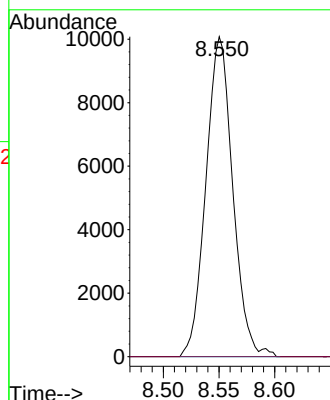
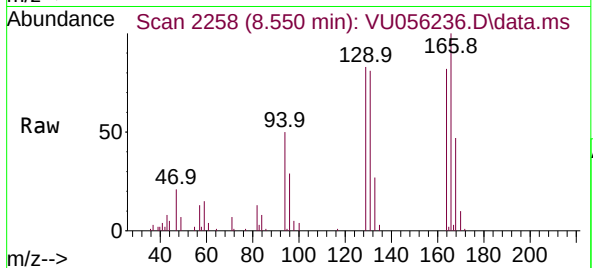
ClientSampleId :

Tgt Ion:129 Resp: 16923

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.345 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056236.D

Acq: 11 Nov 2023 23:44

Tgt Ion: 75 Resp: 19776

Ion Ratio Lower Upper

75 100

110 3.0 29.7 44.5#

77 31.4 25.5 38.3

