

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055416.D
 Acq On : 20 Sep 2023 11:30
 Operator : MD/SY
 Sample : 04380-18DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:27:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

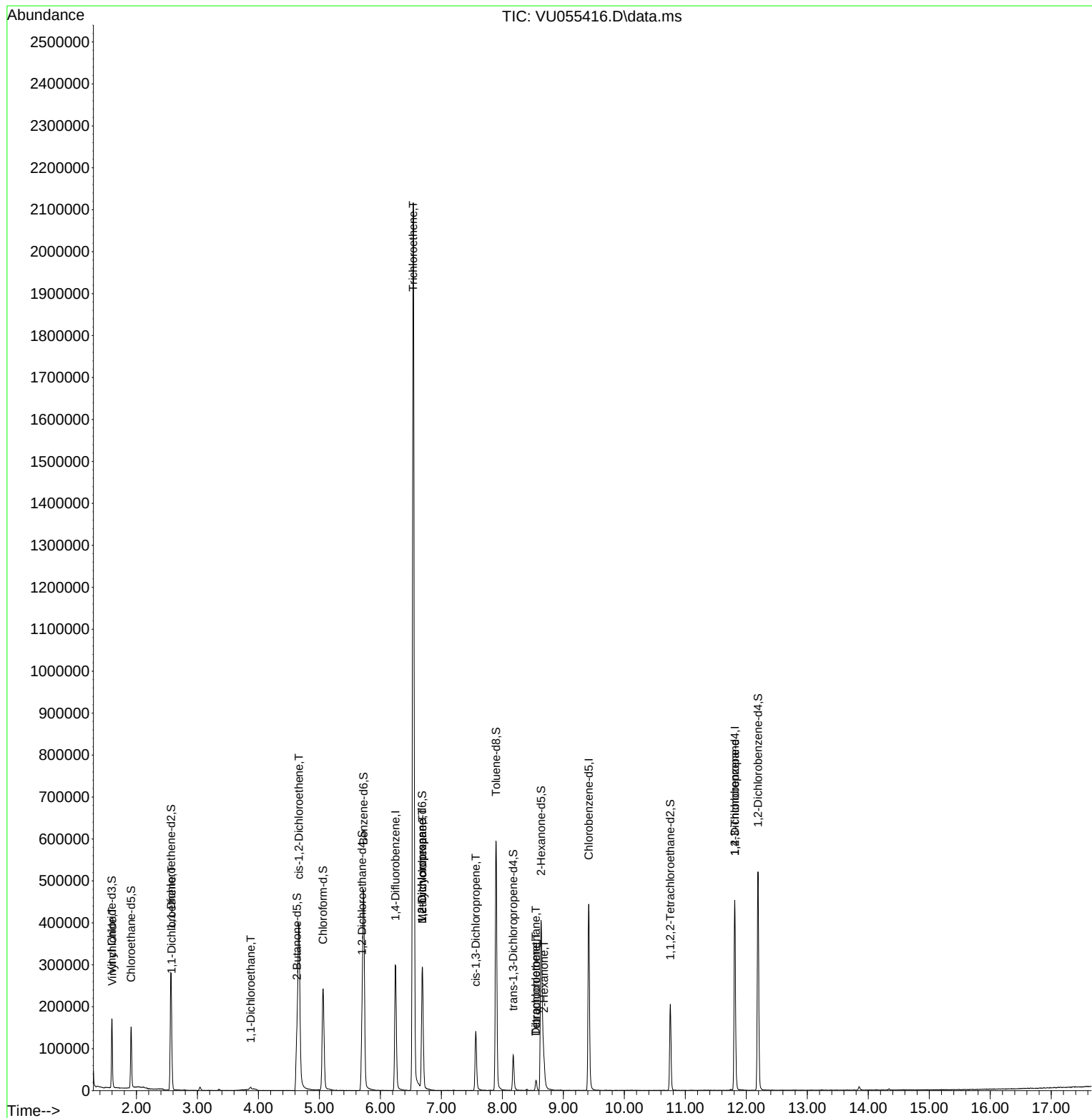
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	121104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	116078	4.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.911	69	103321	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.567	65	50620	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.631	46	244094	54.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	5.058	84	225939	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.698	65	117025	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.724	84	465929	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.685	67	139813	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.894	98	409807	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.177	79	48931	5.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.634	63	130963	46.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99112	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	137706	5.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5574	0.244	ug/L #	69
12) 1,1-Dichloroethene	2.576	96	11011	0.638	ug/L #	1
19) 1,1-Dichloroethane	3.872	63	5532	0.172	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	185128	9.177	ug/L	98
34) Trichloroethene	6.538	95	743449	36.174	ug/L	98
35) Methylcyclohexane	6.689	83	33959	1.147	ug/L #	28
37) 1,2-Dichloropropane	6.685	63	15635	0.823	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	4075	0.161	ug/L #	75
47) Tetrachloroethene	8.550	164	5326	0.361	ug/L	95
48) 2-Hexanone	8.682	43	35445	5.306	ug/L #	86
49) Dibromochloromethane	8.550	129	5236	0.375	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	16193	1.713	ug/L #	67

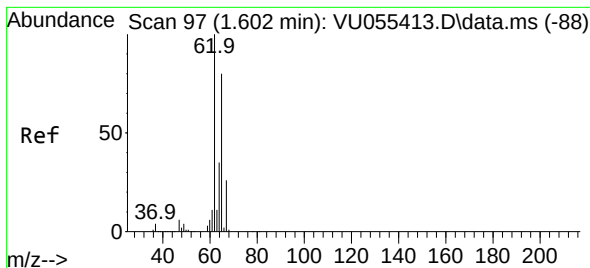
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.244 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

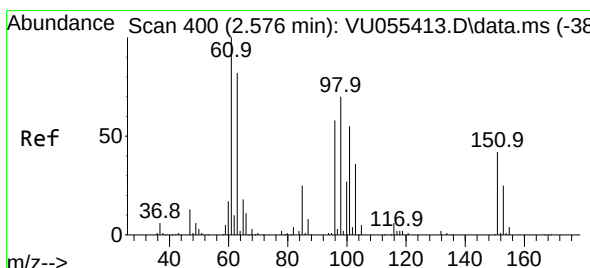
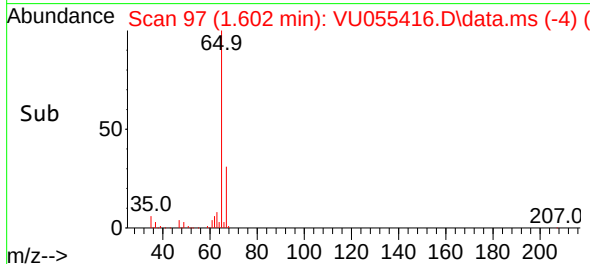
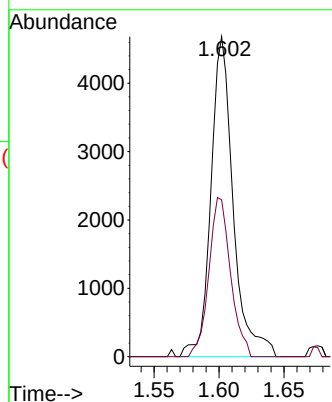
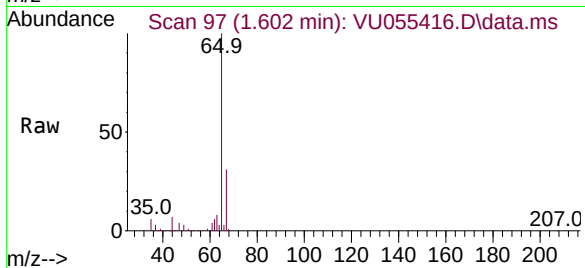
ClientSampleId :

Tgt Ion: 62 Resp: 5574

Ion Ratio Lower Upper

62 100

64 49.0 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

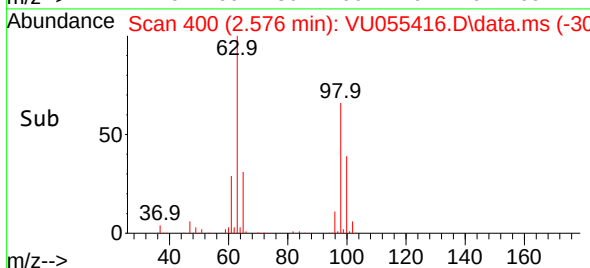
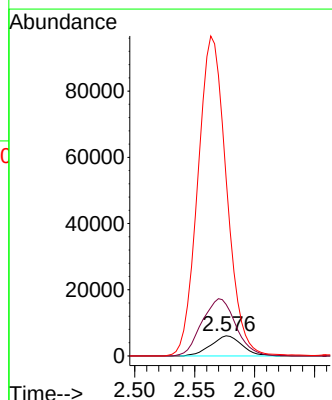
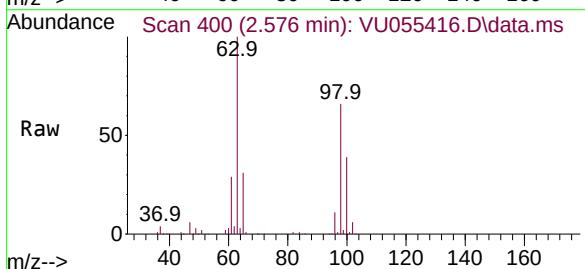
Tgt Ion: 96 Resp: 11011

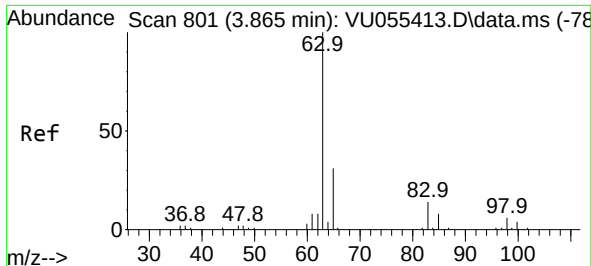
Ion Ratio Lower Upper

96 100

61 255.0 114.5 212.7#

63 877.3 98.3 182.5#





#19

1,1-Dichloroethane

Concen: 0.172 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU055416.D

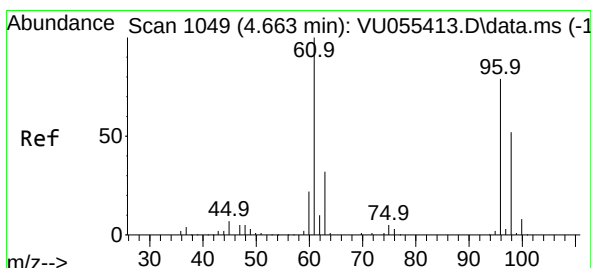
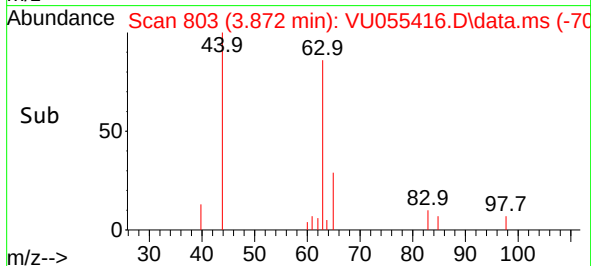
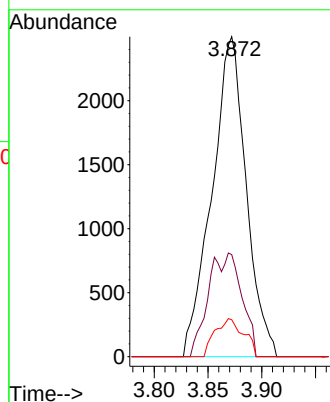
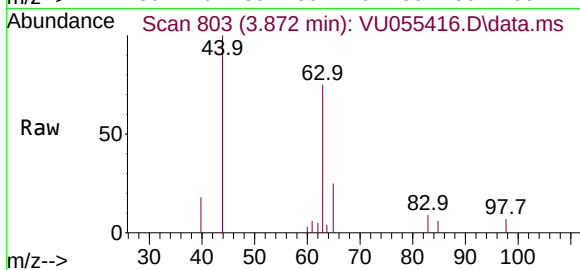
Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 5532
Ion Ratio	Lower Upper
63	100
65	31.9 22.0 41.0
83	11.6 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 9.177 ug/L

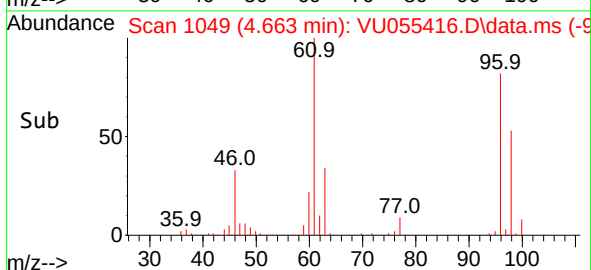
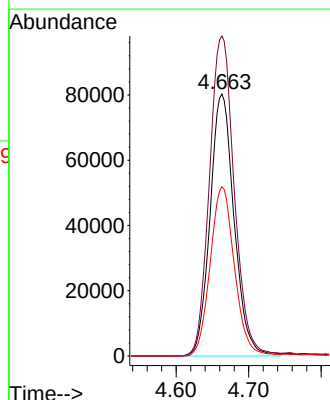
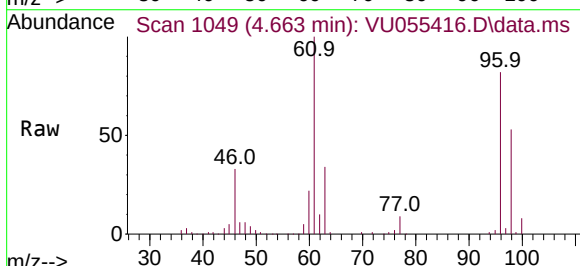
RT: 4.663 min Scan# 1049

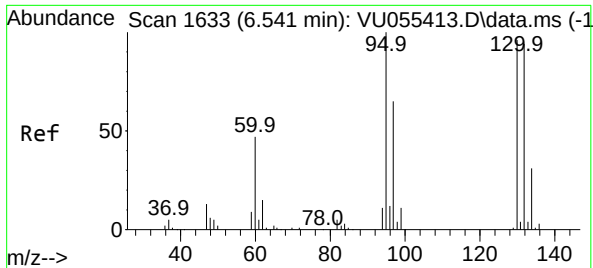
Delta R.T. 0.000 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Tgt Ion: 96	Resp: 185128
Ion Ratio	Lower Upper
96	100
61	122.2 87.8 163.2
98	64.6 44.4 82.4





#34

Trichloroethene

Concen: 36.174 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 743449

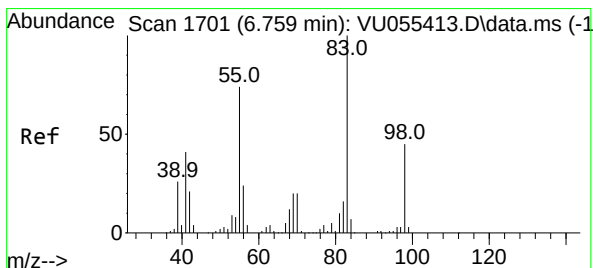
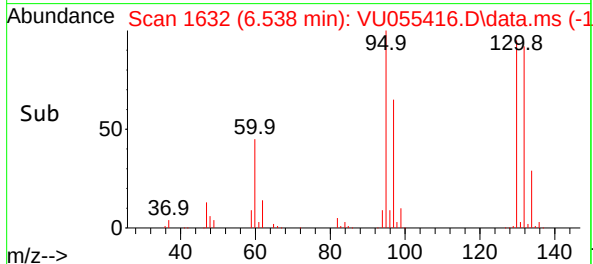
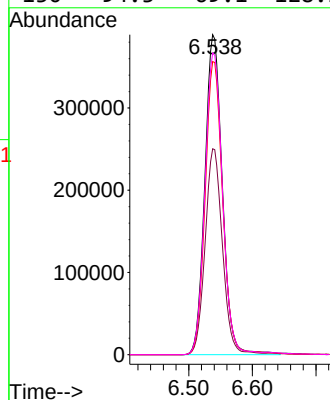
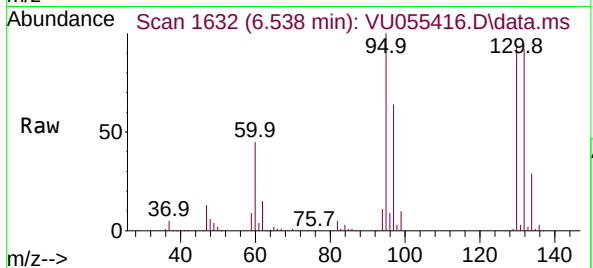
Ion Ratio Lower Upper

95 100

97 64.4 45.4 84.2

132 91.6 65.2 121.2

130 94.3 69.1 128.3



#35

Methylcyclohexane

Concen: 1.147 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

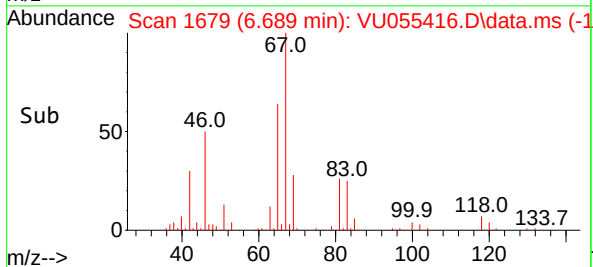
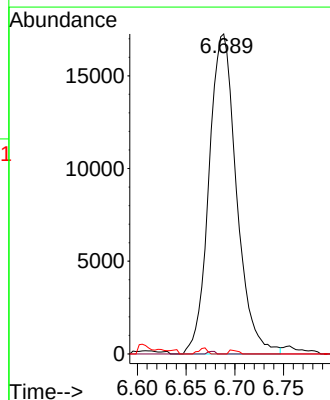
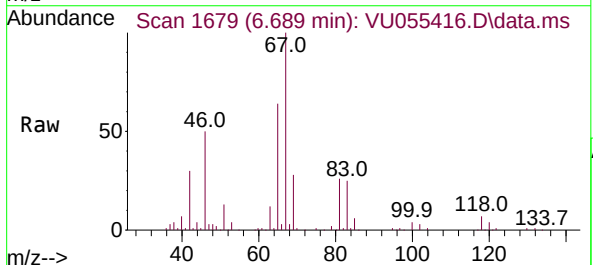
Tgt Ion: 83 Resp: 33959

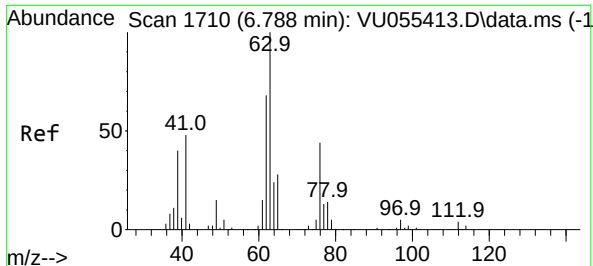
Ion Ratio Lower Upper

83 100

55 0.2 59.1 88.7#

98 14.0 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.823 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

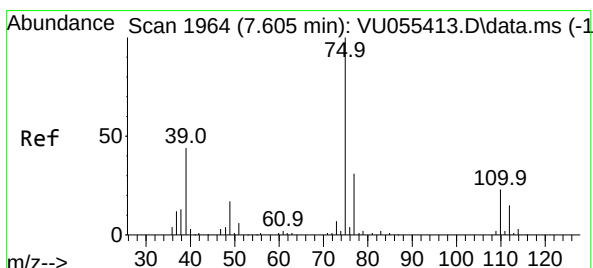
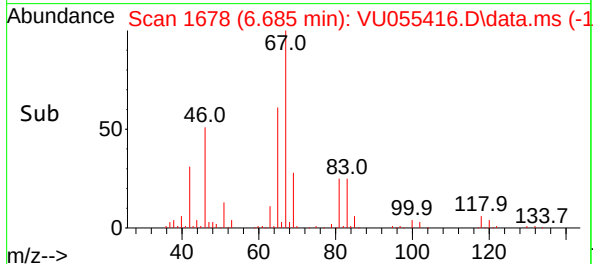
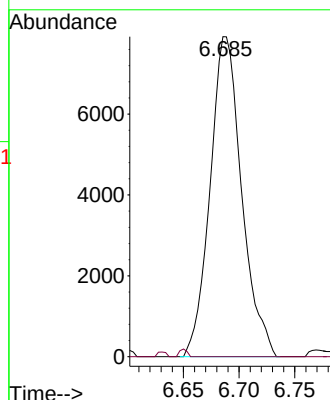
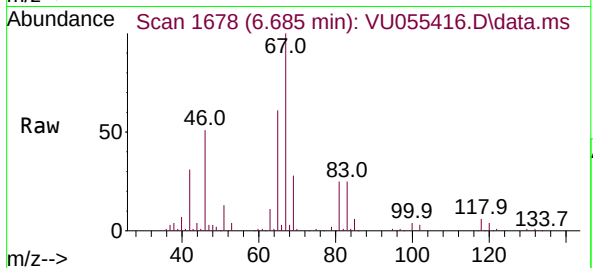
ClientSampleId :

Tgt Ion: 63 Resp: 15635

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.161 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055416.D

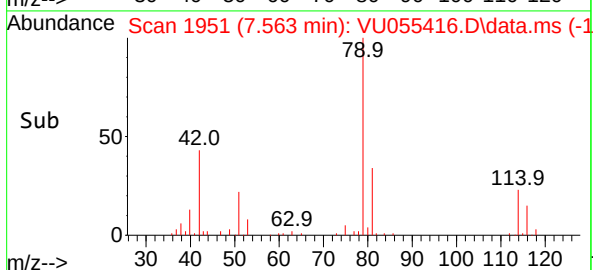
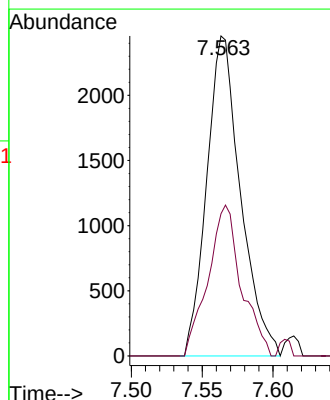
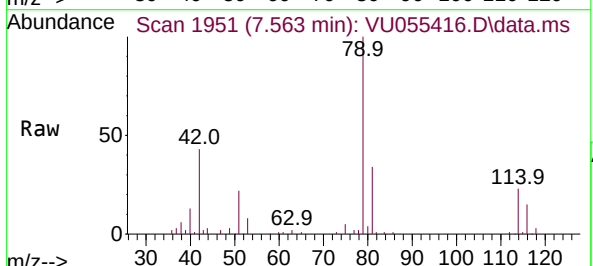
Acq: 20 Sep 2023 11:30

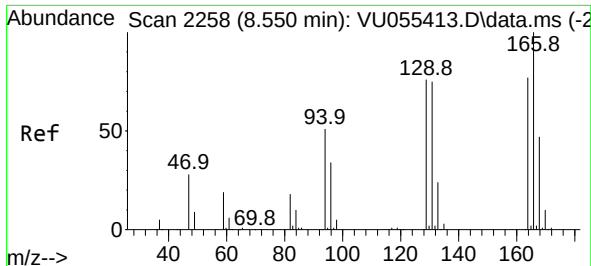
Tgt Ion: 75 Resp: 4075

Ion Ratio Lower Upper

75 100

77 44.5 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.361 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

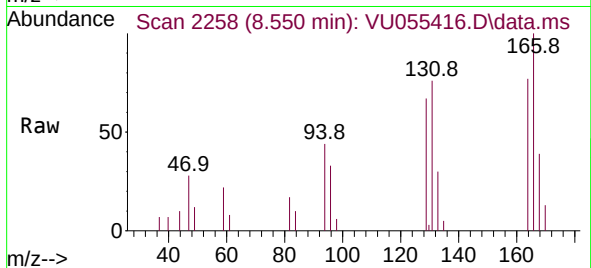
Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 5326

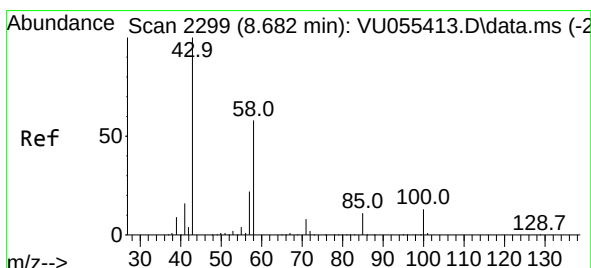
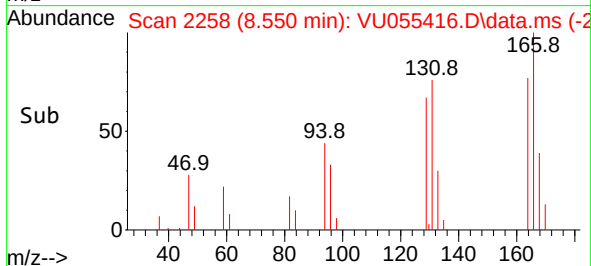
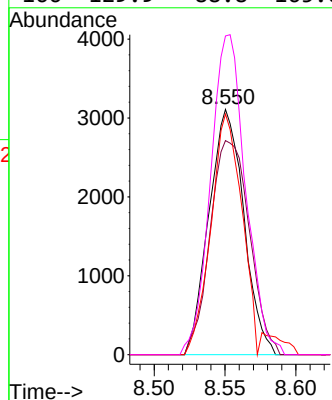
Ion Ratio Lower Upper

164 100

129 87.3 67.4 125.2

131 98.1 66.4 123.2

166 129.9 88.8 165.0



#48

2-Hexanone

Concen: 5.306 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Tgt Ion: 43 Resp: 35445

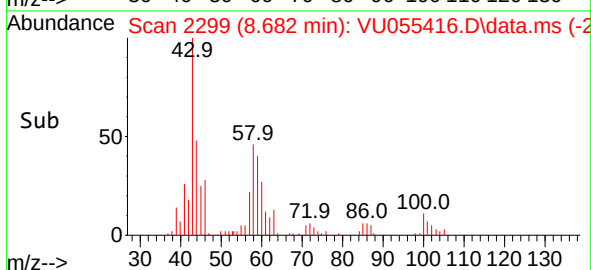
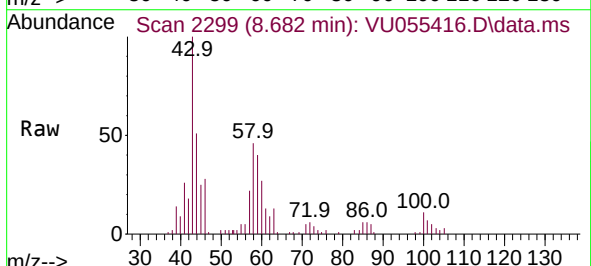
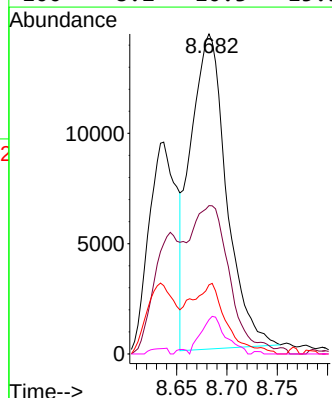
Ion Ratio Lower Upper

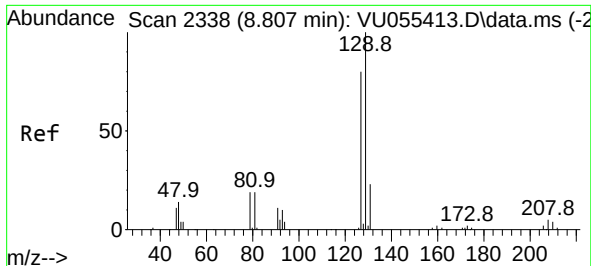
43 100

58 46.5 48.5 72.7#

57 22.9 17.0 25.4

100 8.2 10.3 15.5#





#49

Dibromochloromethane

Concen: 0.375 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Instrument :

MSVOA_U

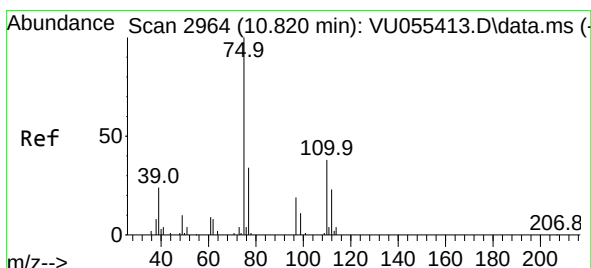
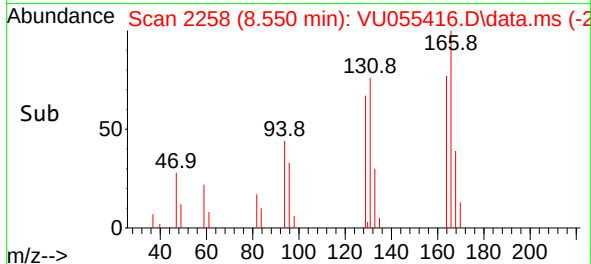
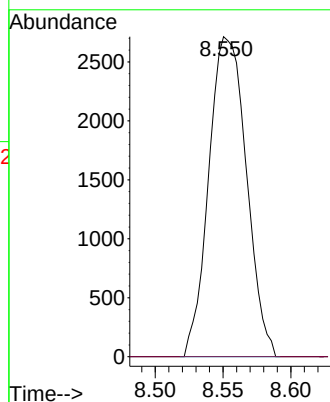
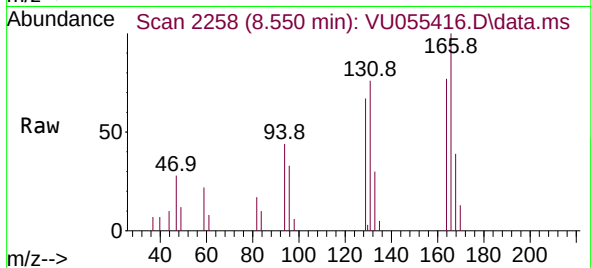
ClientSampleId :

Tgt Ion:129 Resp: 5236

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



#61

1,2,3-Trichloropropane

Concen: 1.713 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055416.D

Acq: 20 Sep 2023 11:30

Tgt Ion: 75 Resp: 16193

Ion Ratio Lower Upper

75 100

110 2.6 30.6 45.8#

77 31.9 26.7 40.1

