

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052388.D
 Acq On : 13 Dec 2022 19:29
 Operator : JC/MD
 Sample : N6034-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL34

Quant Time: Dec 14 03:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

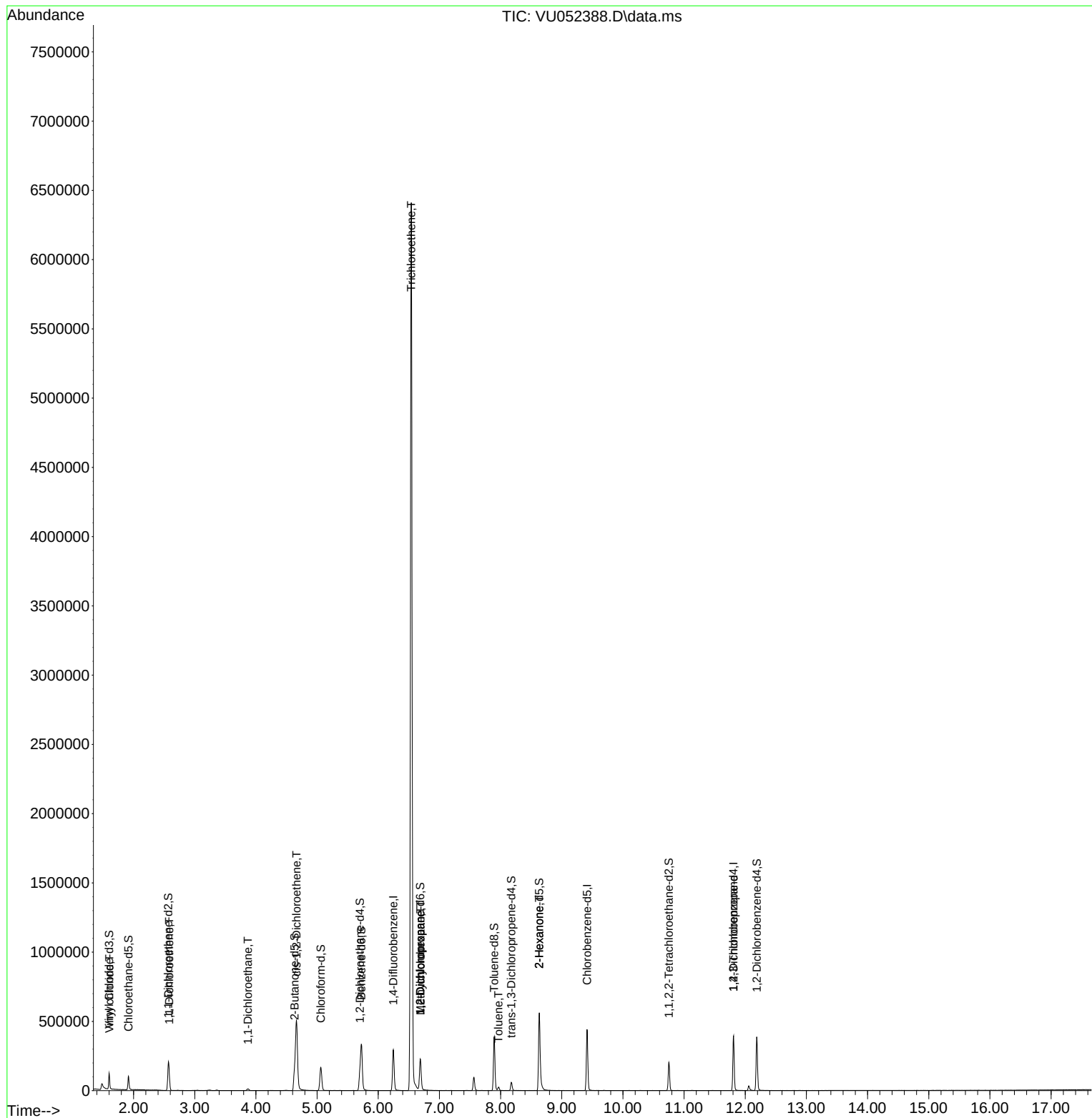
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	246824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	78156	3.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.916	69	75112	4.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.568	65	33150	3.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.632	46	265846	61.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.180%
24) Chloroform-d	5.060	84	162242	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.700	65	86253	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.726	84	333664	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.687	67	115082	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.896	98	271254	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.176	79	35776	4.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.632	63	199273	54.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103964	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	107035	5.158	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	7953	0.296	ug/L #	14
12) 1,1-Dichloroethene	2.581	96	23421	1.308	ug/L #	43
19) 1,1-Dichloroethane	3.870	63	15313	0.443	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	245793	12.202	ug/L	98
34) Trichloroethene	6.539	95	2271950	108.848	ug/L	99
35) Methylcyclohexane	6.690	83	25915	0.863	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11694	0.540	ug/L #	89
42) Toluene	7.967	91	17701	0.206	ug/L	97
48) 2-Hexanone	8.632	43	23958	2.887	ug/L #	79
61) 1,2,3-Trichloropropane	11.809	75	12742	1.027	ug/L #	69

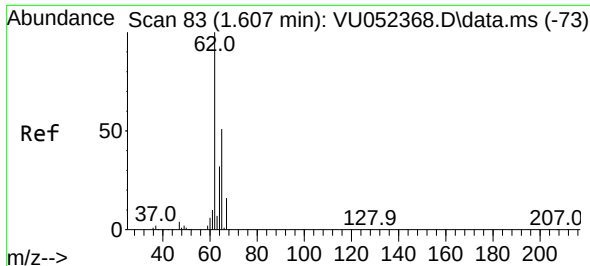
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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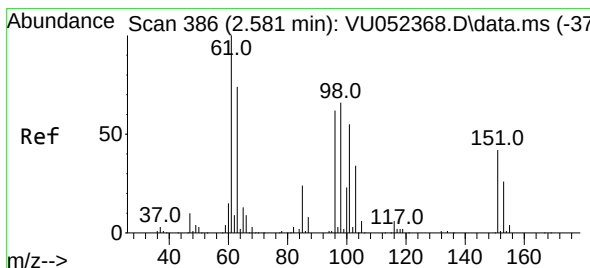
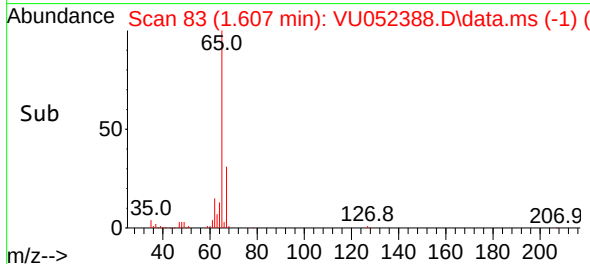
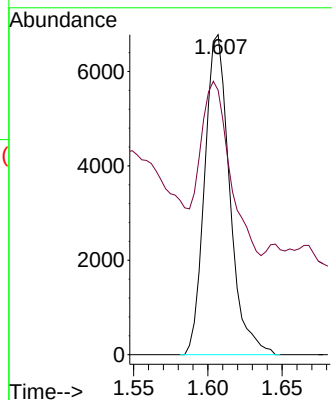
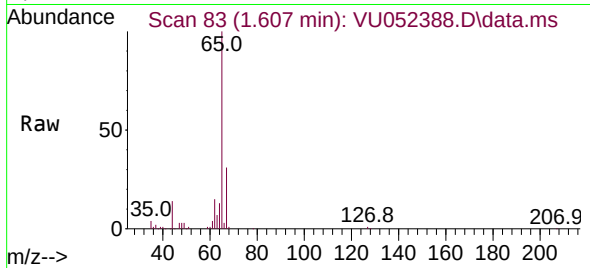




#5
 Vinyl chloride
 Concen: 0.296 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052388.D
 Acq: 13 Dec 2022 19:29

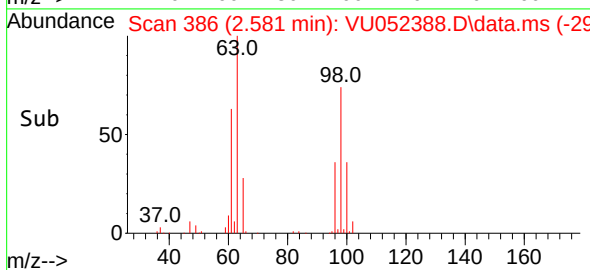
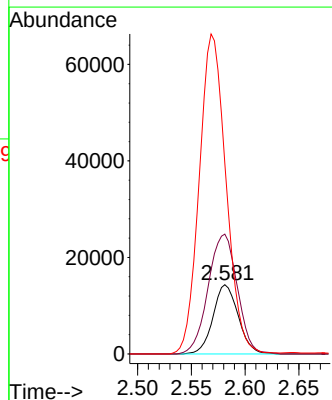
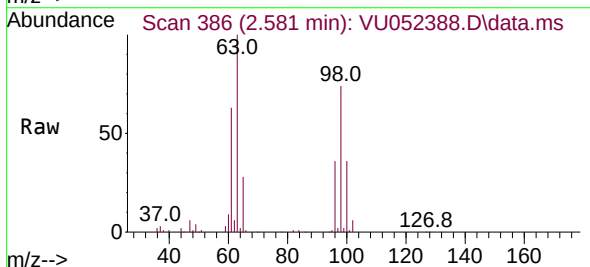
Instrument :
 MSVOA_U
 ClientSampleId :
 COL34

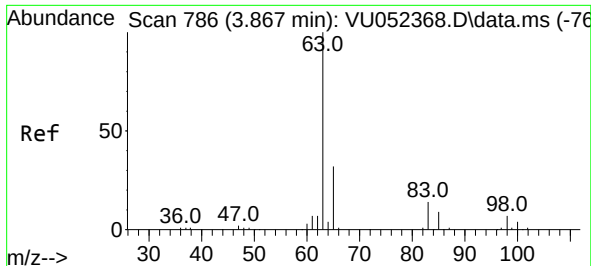
Tgt Ion: 62 Resp: 7953
 Ion Ratio Lower Upper
 62 100
 64 82.7 23.5 43.7#



#12
 1,1-Dichloroethene
 Concen: 1.308 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052388.D
 Acq: 13 Dec 2022 19:29

Tgt Ion: 96 Resp: 23421
 Ion Ratio Lower Upper
 96 100
 61 172.8 114.8 213.2
 63 274.8 93.7 174.1#

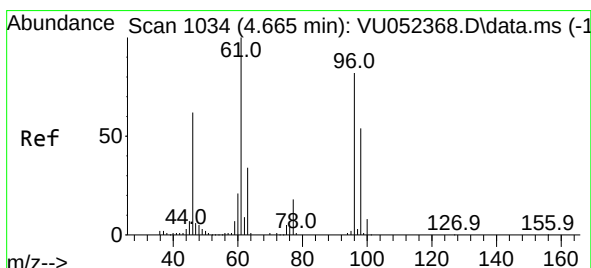
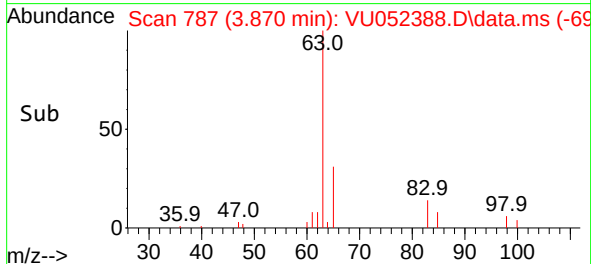
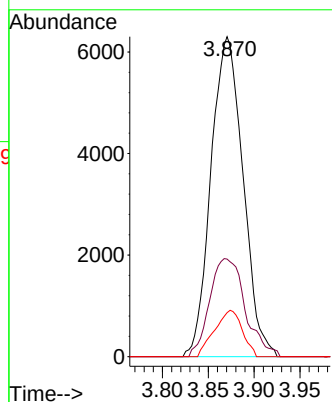
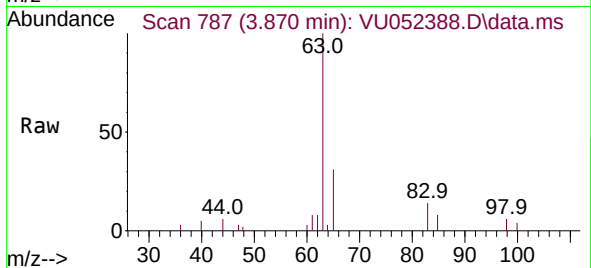




#19
1,1-Dichloroethane
Concen: 0.443 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

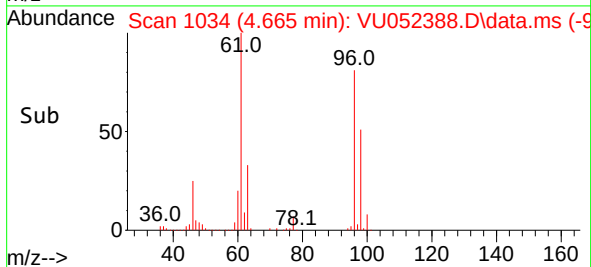
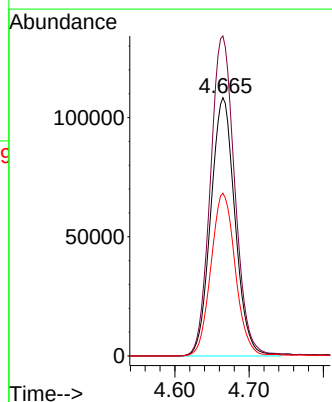
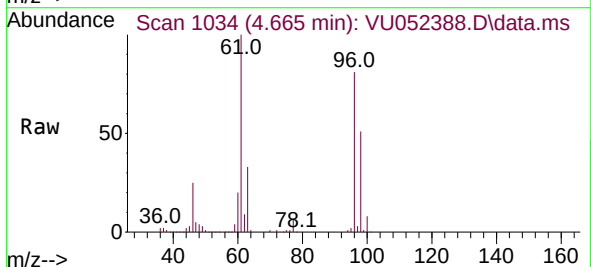
Instrument :
MSVOA_U
ClientSampleId :
COL34

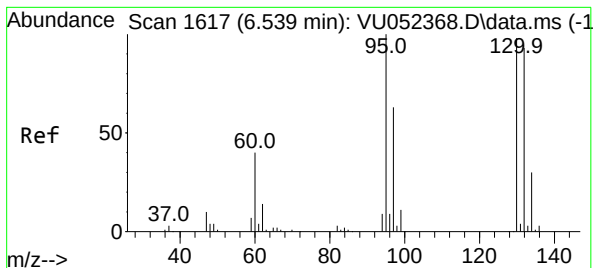
Tgt Ion: 63 Resp: 15313
Ion Ratio Lower Upper
63 100
65 30.5 22.2 41.2
83 13.8 9.2 17.0



#22
cis-1,2-Dichloroethene
Concen: 12.202 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

Tgt Ion: 96 Resp: 245793
Ion Ratio Lower Upper
96 100
61 123.9 85.1 158.1
98 63.0 42.8 79.6





#34

Trichloroethene

Concen: 108.848 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052388.D

Acq: 13 Dec 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

COL34

Tgt Ion: 95 Resp: 2271950

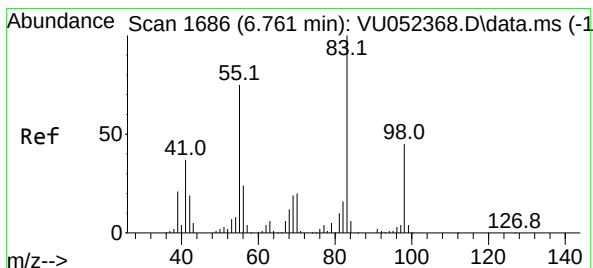
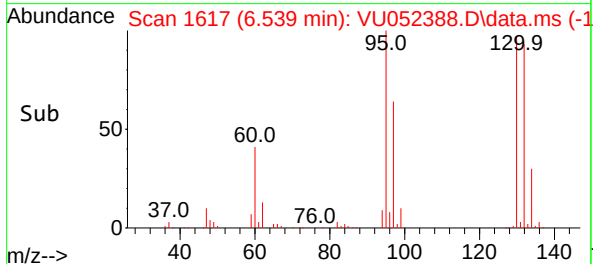
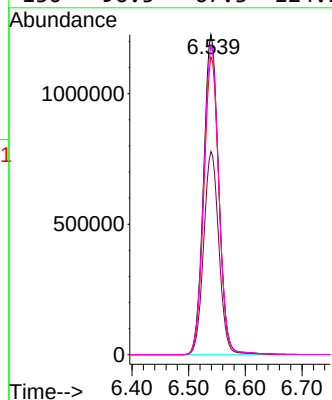
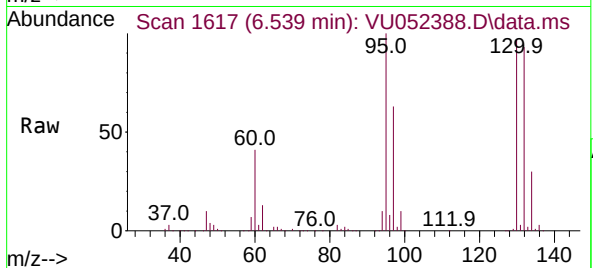
Ion Ratio Lower Upper

95 100

97 63.5 43.7 81.1

132 93.0 64.3 119.3

130 96.5 67.3 124.9



#35

Methylcyclohexane

Concen: 0.863 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU052388.D

Acq: 13 Dec 2022 19:29

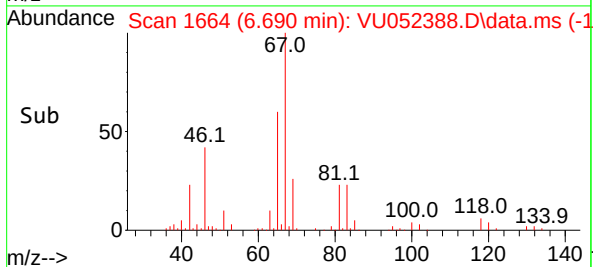
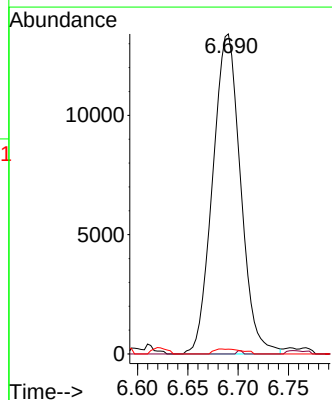
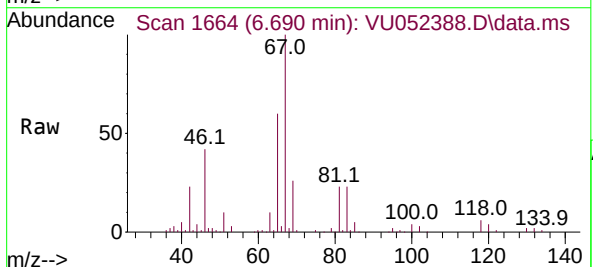
Tgt Ion: 83 Resp: 25915

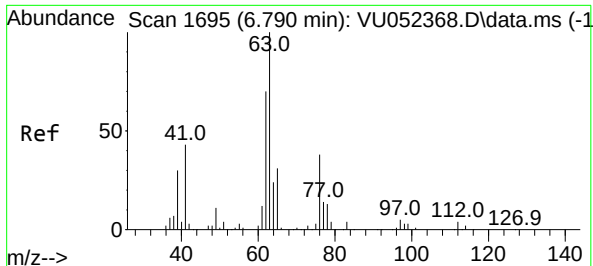
Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 0.0 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052388.D

Acq: 13 Dec 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

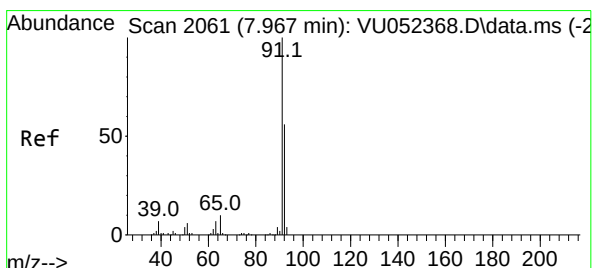
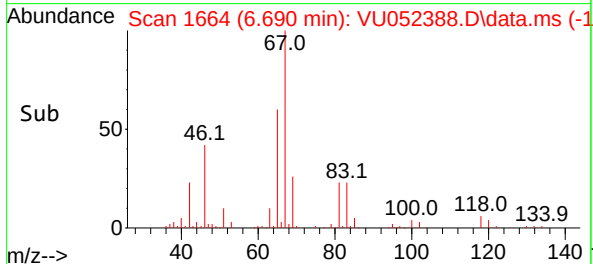
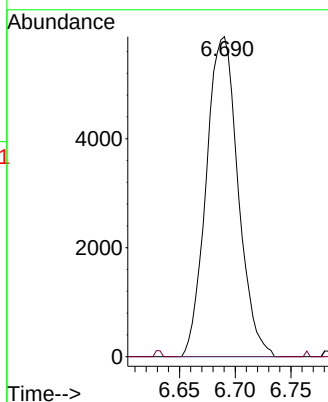
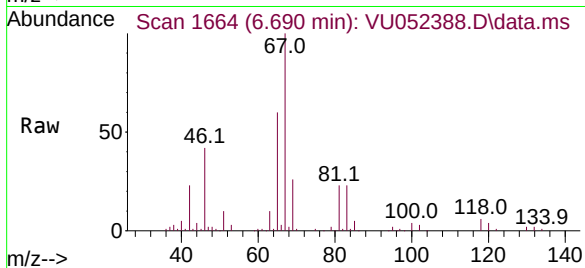
COL34

Tgt Ion: 63 Resp: 11694

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#42

Toluene

Concen: 0.206 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052388.D

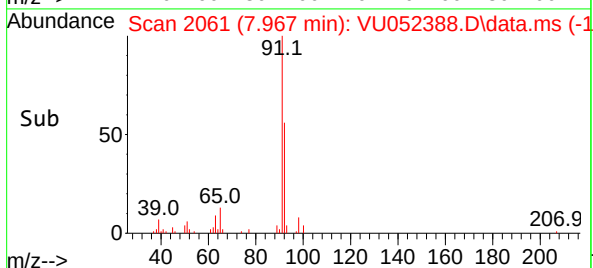
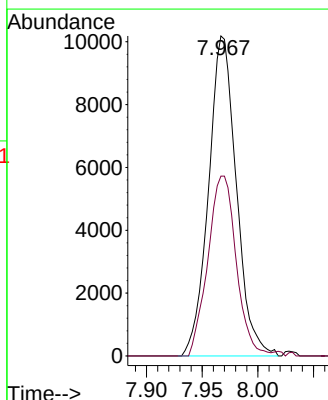
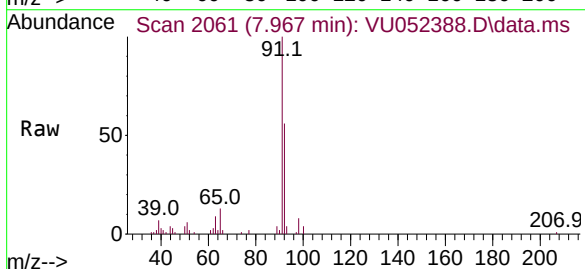
Acq: 13 Dec 2022 19:29

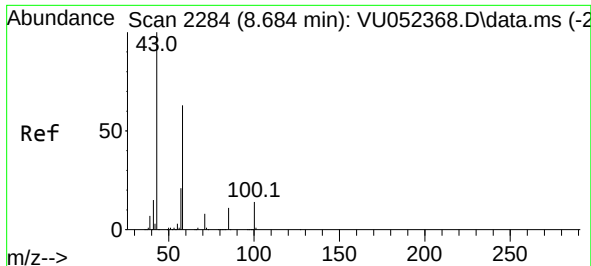
Tgt Ion: 91 Resp: 17701

Ion Ratio Lower Upper

91 100

92 56.2 40.7 75.5

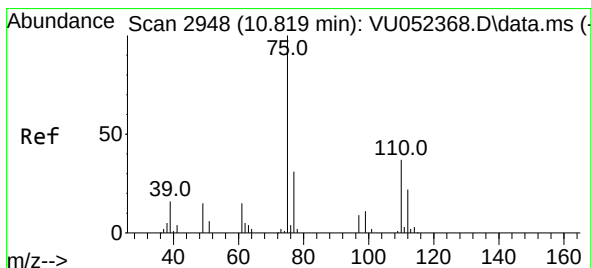
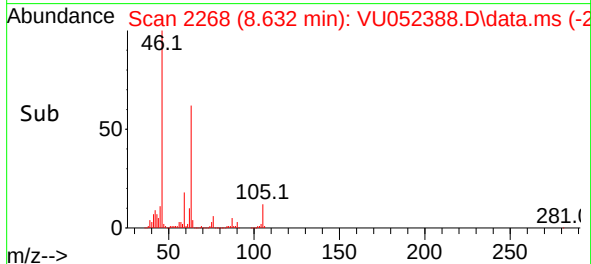
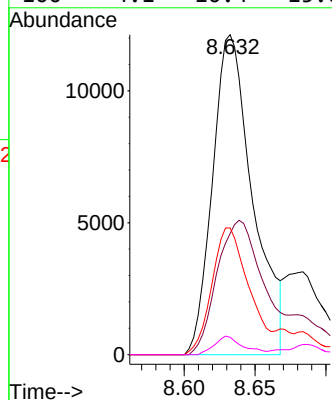
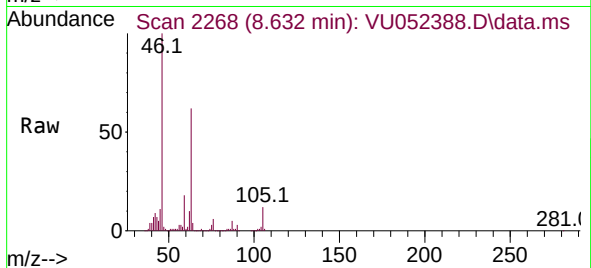




#48
2-Hexanone
Concen: 2.887 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
COL34

Tgt Ion: 43	Resp: 23958
Ion Ratio	Lower Upper
43 100	
58 49.2	49.4 74.0#
57 36.4	16.3 24.5#
100 4.1	10.4 15.6#



#61
1,2,3-Trichloropropane
Concen: 1.027 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052388.D
Acq: 13 Dec 2022 19:29

Tgt Ion: 75	Resp: 12742
Ion Ratio	Lower Upper
75 100	
110 1.3	28.3 42.5#
77 33.7	26.2 39.2

