

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052389.D
 Acq On : 13 Dec 2022 19:52
 Operator : JC/MD
 Sample : N6030-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL31

Quant Time: Dec 14 03:22:42 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)

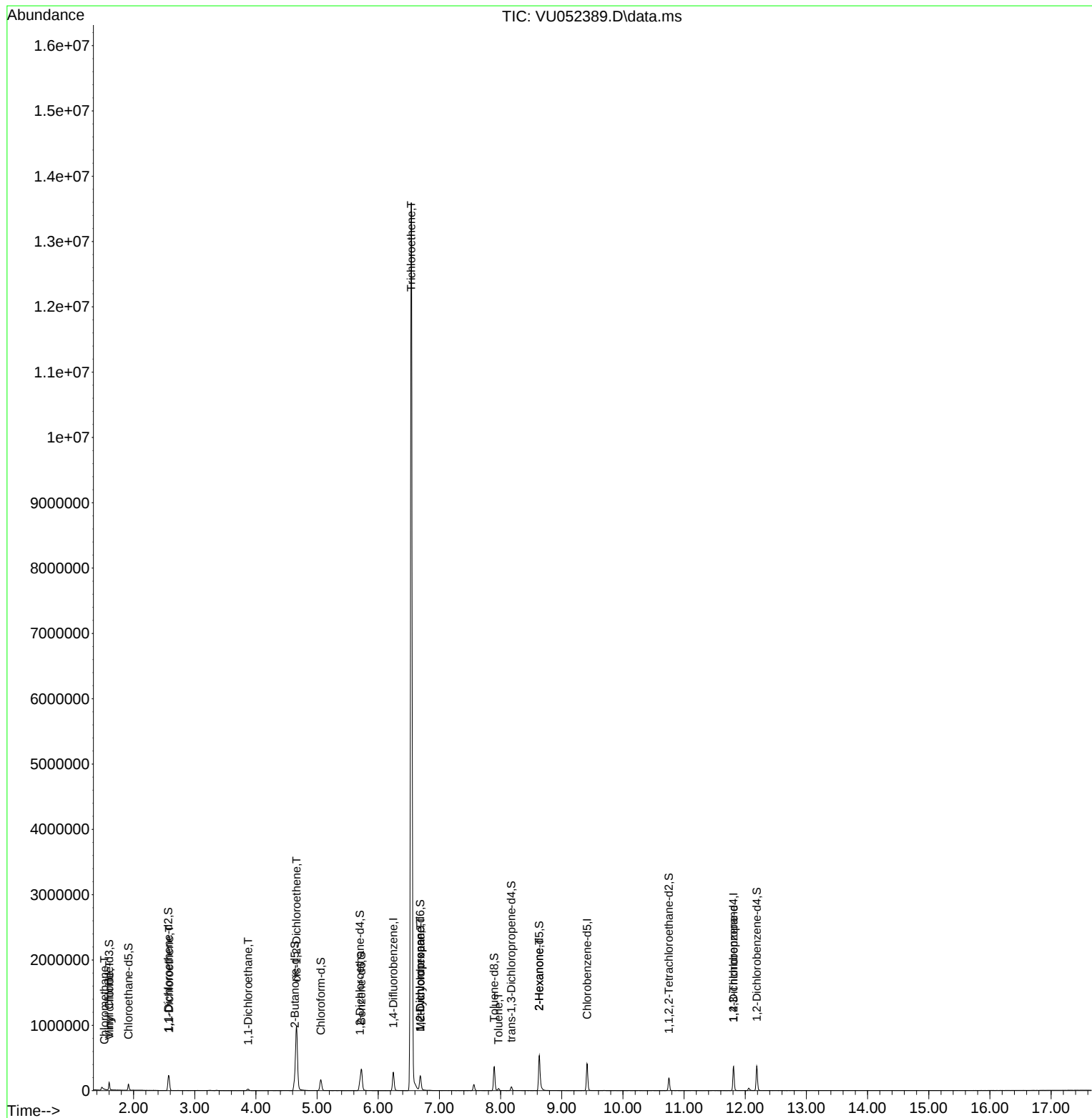
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	230954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	74319	3.308	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.916	69	71080	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	31229	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.636	46	258892	63.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.160%
24) Chloroform-d	5.060	84	159517	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	86423	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.726	84	322875	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.687	67	111230	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	261148	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.176	79	34393	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.632	63	188167	55.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100432	5.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	102273	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4488	0.172	ug/L	96
5) Vinyl chloride	1.607	62	13407	0.534	ug/L #	40
12) 1,1-Dichloroethene	2.581	96	40721	2.431	ug/L #	72
19) 1,1-Dichloroethane	3.874	63	27290	0.843	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	511462	27.136	ug/L	98
34) Trichloroethene	6.539	95	4852397	250.774	ug/L	99
35) Methylcyclohexane	6.690	83	25244	0.907	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10883	0.542	ug/L #	90
42) Toluene	7.967	91	23343	0.293	ug/L	93
48) 2-Hexanone	8.632	43	23194	3.015	ug/L #	73
61) 1,2,3-Trichloropropane	11.809	75	11809	1.005	ug/L #	67

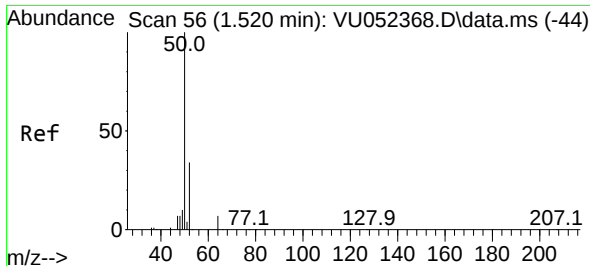
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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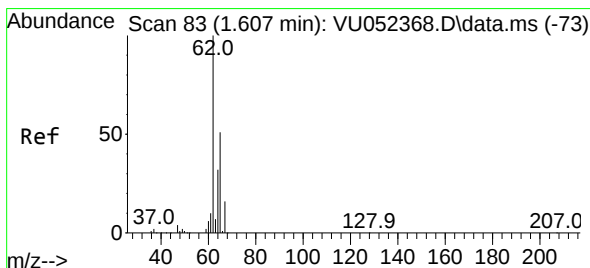
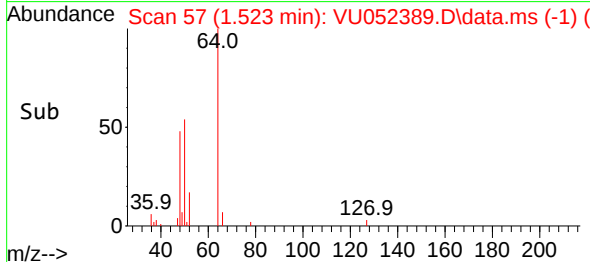
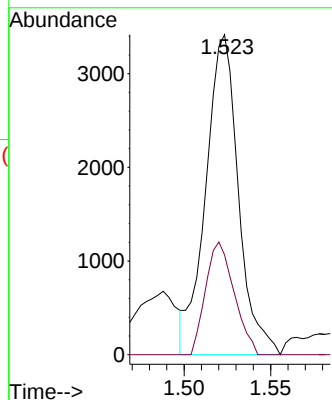
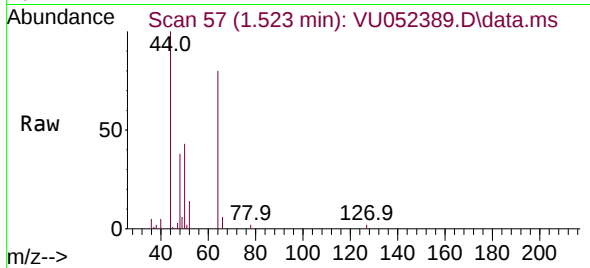




#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052389.D
Acq: 13 Dec 2022 19:52

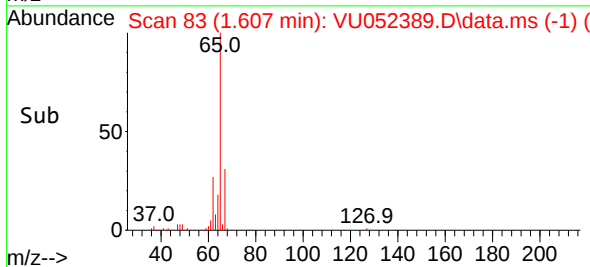
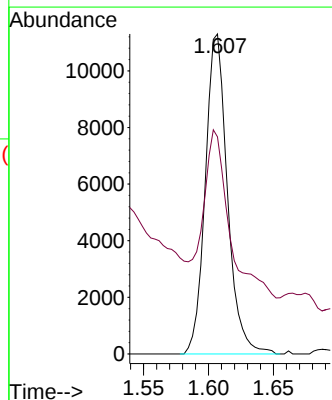
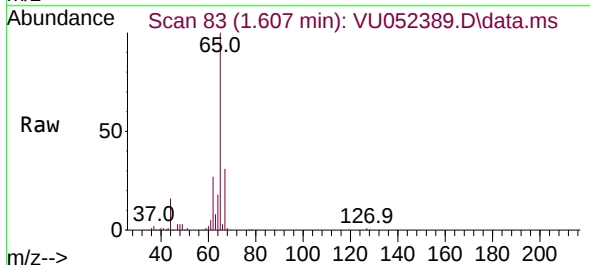
Instrument :
MSVOA_U
ClientSampleId :
COL31

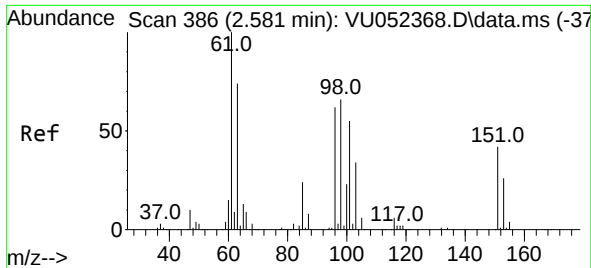
Tgt Ion: 50 Resp: 4488
Ion Ratio Lower Upper
50 100
52 31.2 23.4 43.4



#5
Vinyl chloride
Concen: 0.534 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU052389.D
Acq: 13 Dec 2022 19:52

Tgt Ion: 62 Resp: 13407
Ion Ratio Lower Upper
62 100
64 67.8 23.5 43.7#

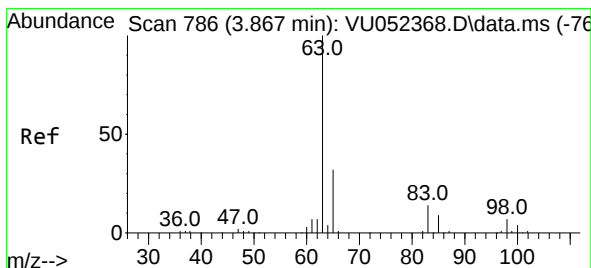
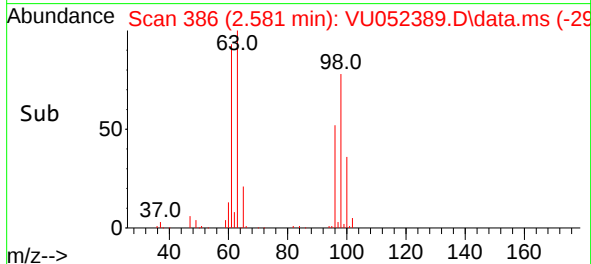
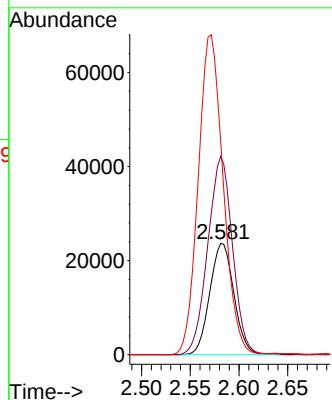
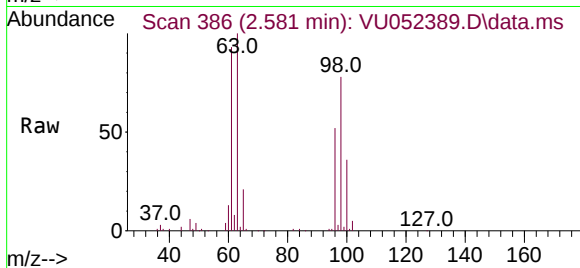




#12
1,1-Dichloroethene
Concen: 2.431 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052389.D
Acq: 13 Dec 2022 19:52

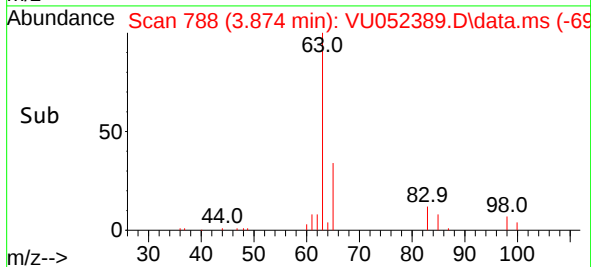
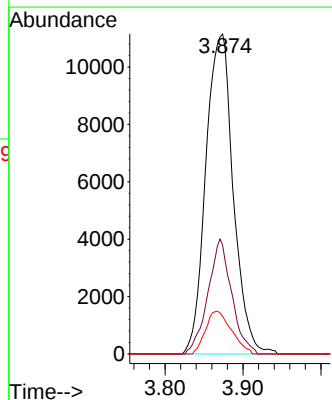
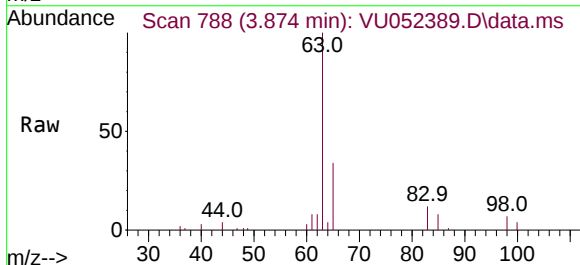
Instrument :
MSVOA_U
ClientSampleId :
COL31

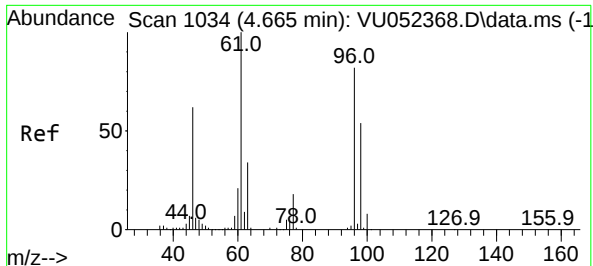
Tgt Ion: 96 Resp: 40721
Ion Ratio Lower Upper
96 100
61 178.3 114.8 213.2
63 192.2 93.7 174.1#



#19
1,1-Dichloroethane
Concen: 0.843 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU052389.D
Acq: 13 Dec 2022 19:52

Tgt Ion: 63 Resp: 27290
Ion Ratio Lower Upper
63 100
65 34.1 22.2 41.2
83 11.7 9.2 17.0

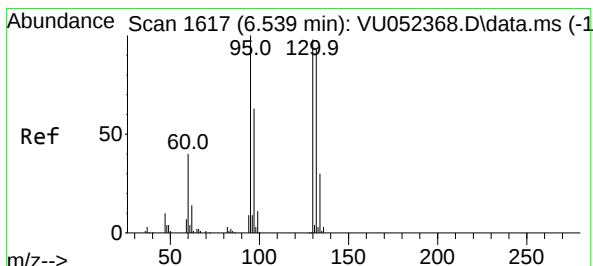
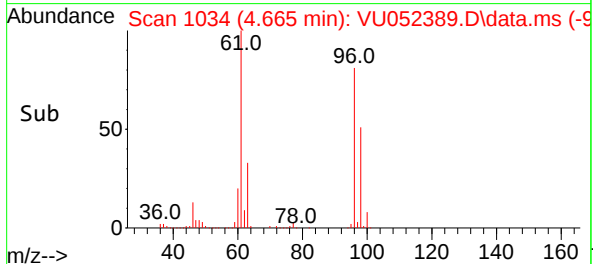
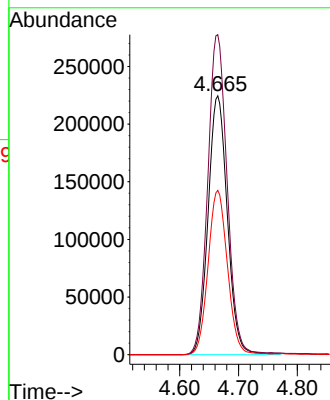
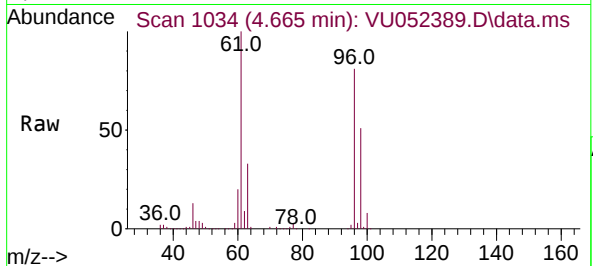




#22
 cis-1,2-Dichloroethene
 Concen: 27.136 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052389.D
 Acq: 13 Dec 2022 19:52

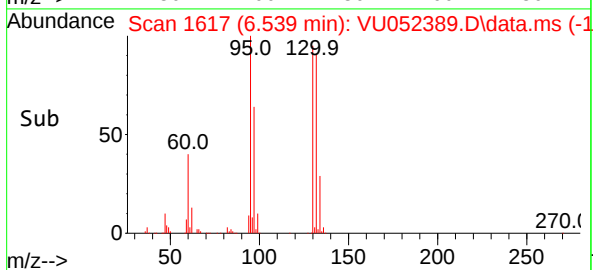
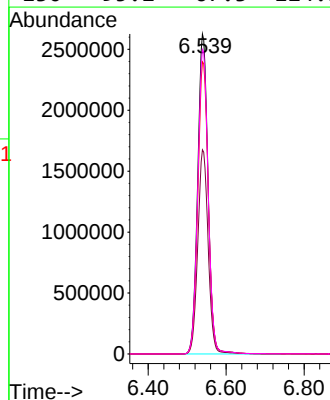
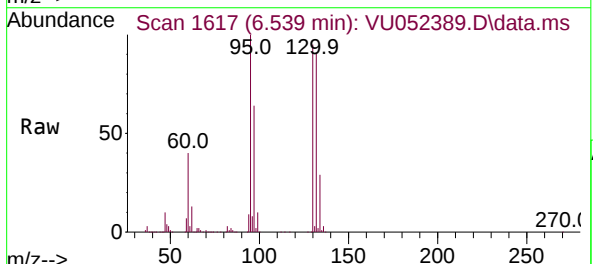
Instrument :
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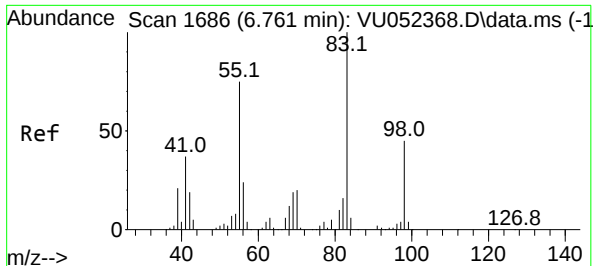
Tgt Ion: 96 Resp: 511462
 Ion Ratio Lower Upper
 96 100
 61 123.6 85.1 158.1
 98 63.5 42.8 79.6



#34
 Trichloroethene
 Concen: 250.774 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052389.D
 Acq: 13 Dec 2022 19:52

Tgt Ion: 95 Resp: 4852397
 Ion Ratio Lower Upper
 95 100
 97 63.8 43.7 81.1
 132 91.3 64.3 119.3
 130 95.2 67.3 124.9





#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052389.D

Acq: 13 Dec 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

COL31

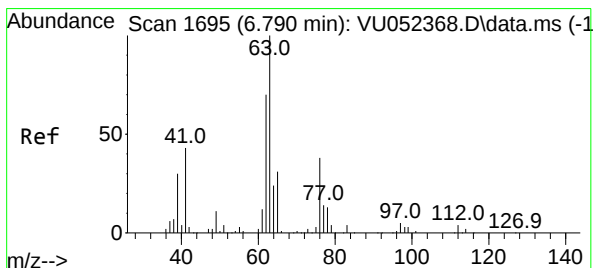
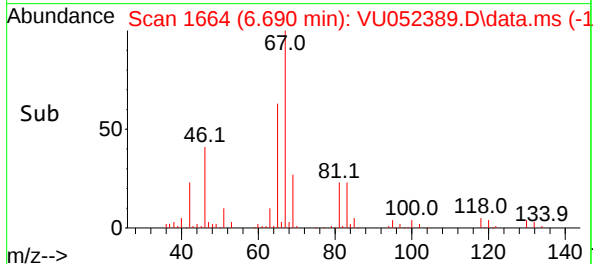
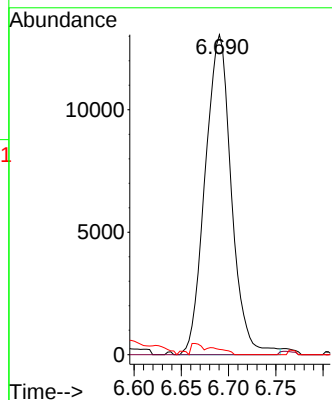
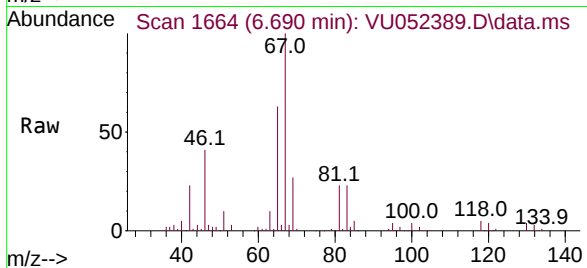
Tgt Ion: 83 Resp: 25244

Ion Ratio Lower Upper

83 100

55 0.6 60.8 91.2#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052389.D

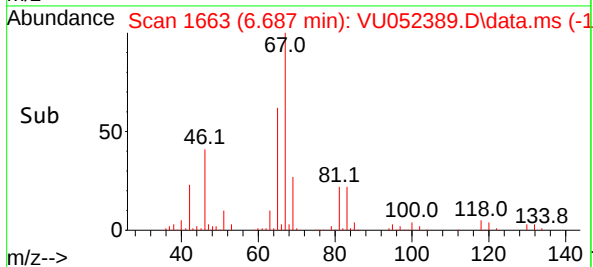
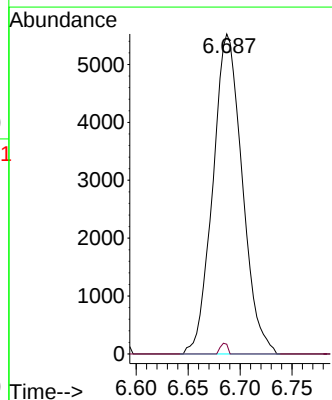
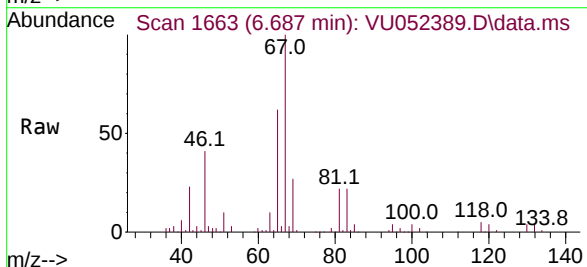
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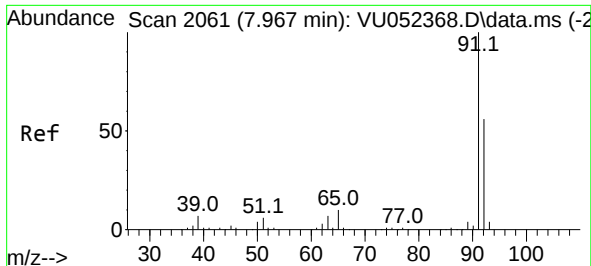
Tgt Ion: 63 Resp: 10883

Ion Ratio Lower Upper

63 100

112 0.8 3.3 4.9#





#42

Toluene

Concen: 0.293 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052389.D

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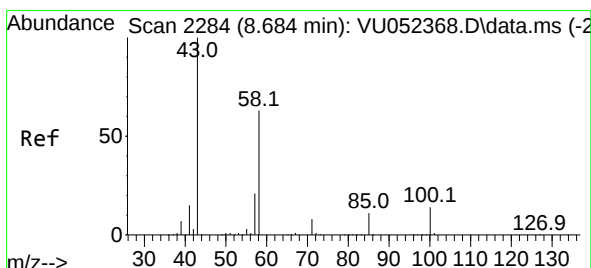
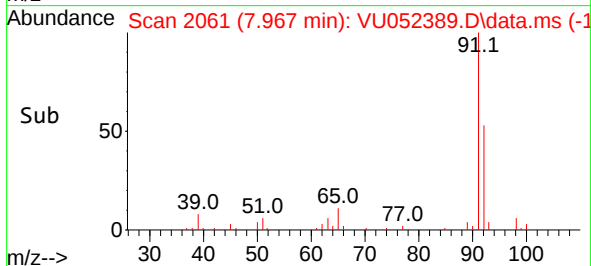
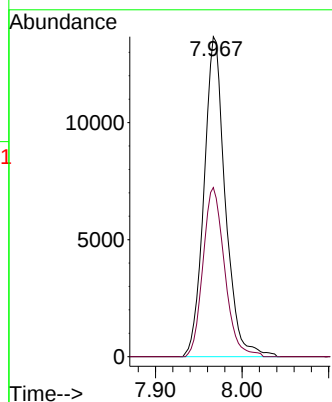
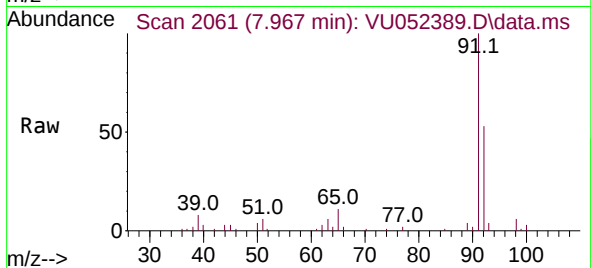
COL31

Tgt Ion: 91 Resp: 23343

Ion Ratio Lower Upper

91 100

92 52.8 40.7 75.5



#48

2-Hexanone

Concen: 3.015 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.051 min

Lab File: VU052389.D

Acq: 13 Dec 2022 19:52

Tgt Ion: 43 Resp: 23194

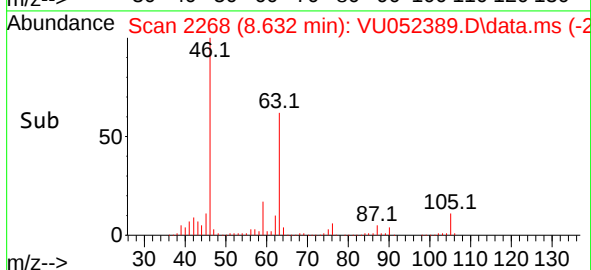
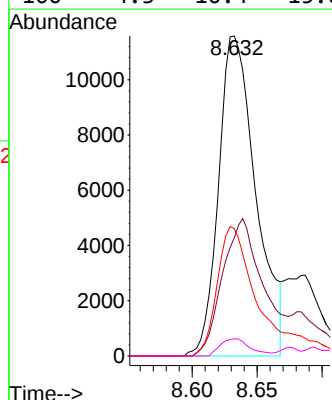
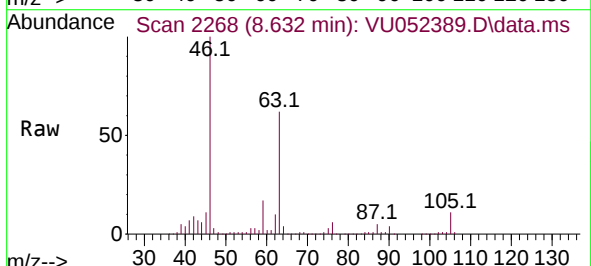
Ion Ratio Lower Upper

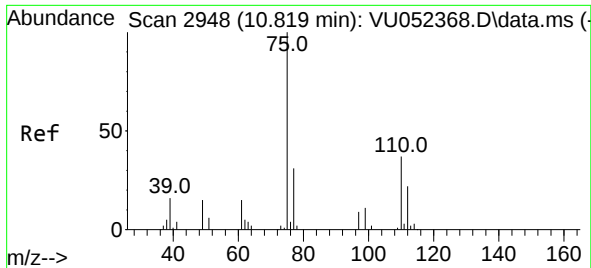
43 100

58 47.3 49.4 74.0#

57 45.2 16.3 24.5#

100 4.3 10.4 15.6#





#61

1,2,3-Trichloropropane

Concen: 1.005 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU052389.D

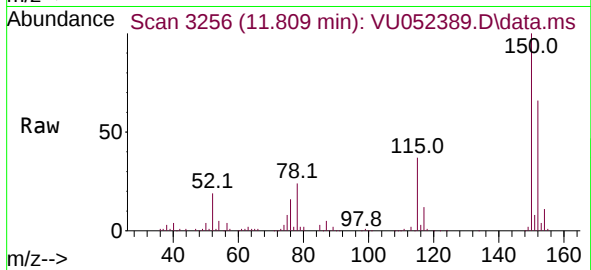
Acq: 13 Dec 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

C0L31



Tgt Ion:	75	Resp:	11809
Ion	Ratio	Lower	Upper
75	100		
110	2.7	28.3	42.5#
77	28.1	26.2	39.2

