

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052716.D
 Acq On : 17 Jan 2023 13:03
 Operator : JC/MD
 Sample : 01138-18DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:17:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

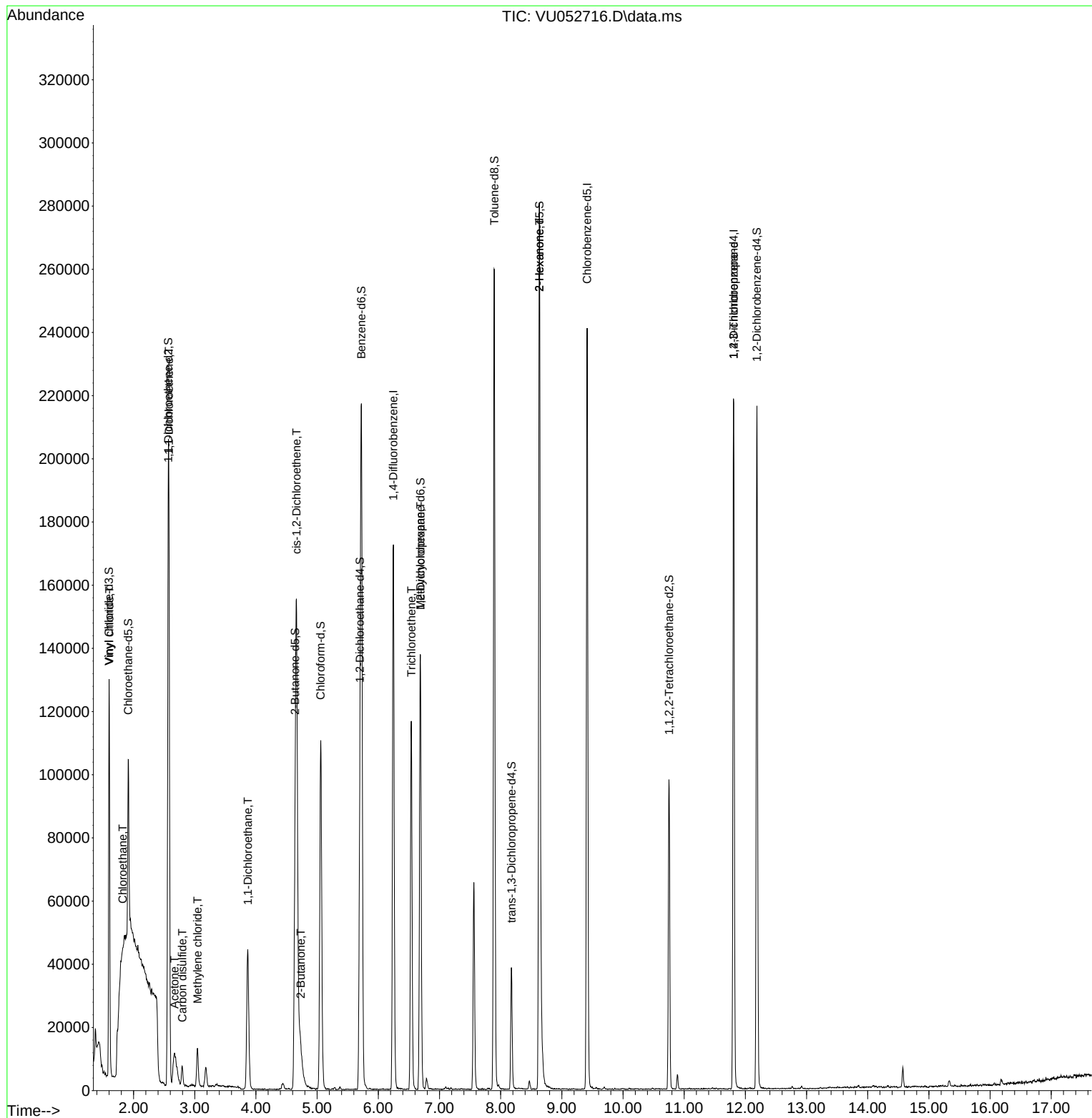
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50140	4.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.912	69	44359	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.565	65	24774	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.642	46	137076	42.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.220%
24) Chloroform-d	5.057	84	106147	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.700	65	55980	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.723	84	207239	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.687	67	66480	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	169602	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.176	79	22008	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.632	63	95078	42.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48762	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	56767	5.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	47418	2.741	ug/L	95
8) Chloroethane	1.822	64	112251	10.673	ug/L #	52
12) 1,1-Dichloroethene	2.578	96	42744	3.557	ug/L	86
13) Acetone	2.668	43	29812	12.769	ug/L	71
14) Carbon disulfide	2.797	76	9194	0.221	ug/L	97
16) Methylene chloride	3.044	84	5735	0.359	ug/L	96
19) 1,1-Dichloroethane	3.867	63	51091	2.008	ug/L	99
21) 2-Butanone	4.732	43	19760	5.258	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	54101	4.111	ug/L	96
34) Trichloroethene	6.539	95	40709	3.240	ug/L	96
35) Methylcyclohexane	6.687	83	15645	0.754	ug/L #	15
48) 2-Hexanone	8.632	43	12867	2.156	ug/L #	79
61) 1,2,3-Trichloropropane	11.809	75	6705	0.980	ug/L #	64

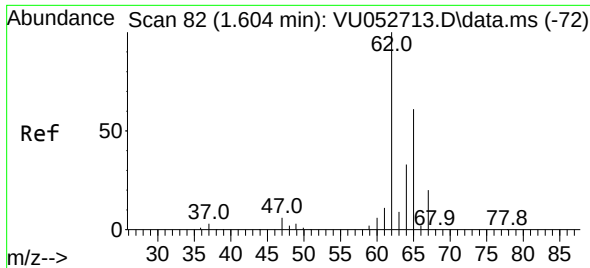
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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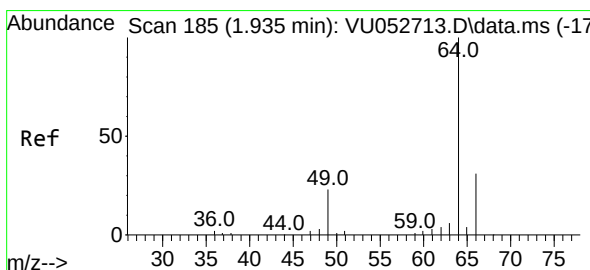
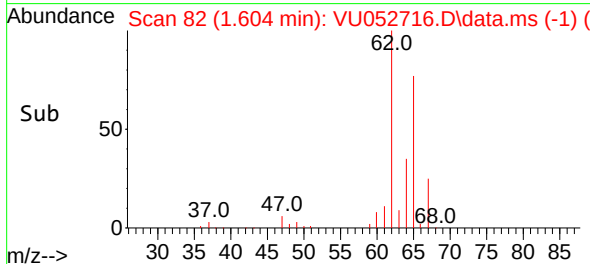
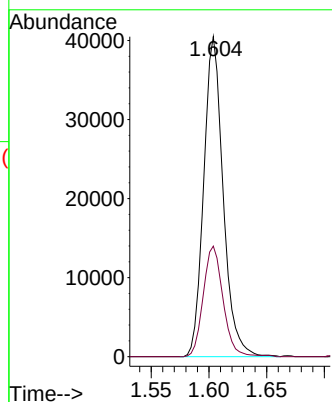
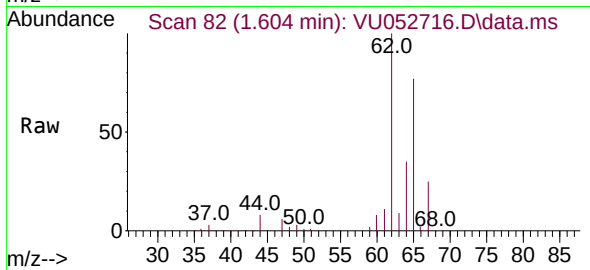




#5
 Vinyl chloride
 Concen: 2.741 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052716.D
 Acq: 17 Jan 2023 13:03

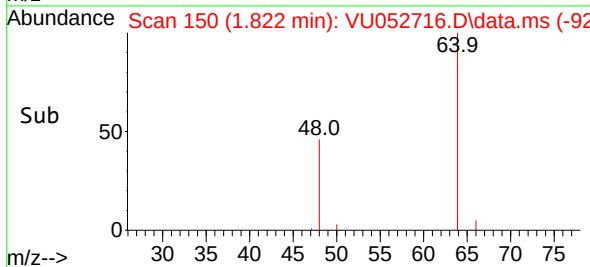
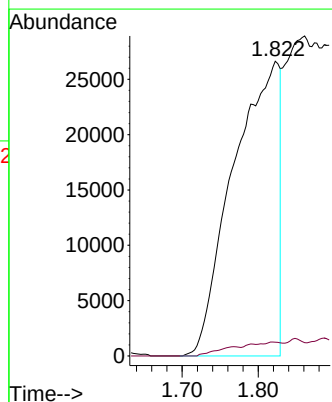
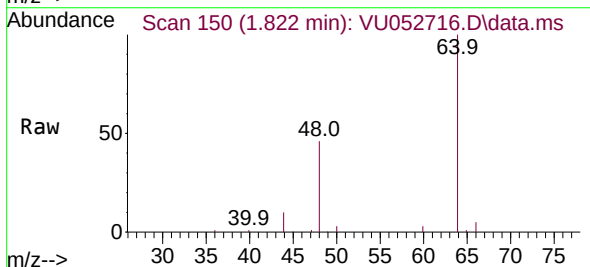
Instrument :
 MSVOA_U
 ClientSampleId :

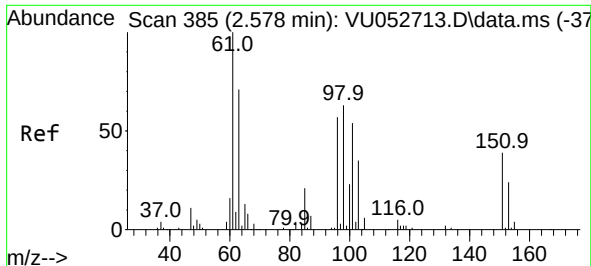
Tgt Ion: 62 Resp: 47418
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.3 41.3



#8
 Chloroethane
 Concen: 10.673 ug/L
 RT: 1.822 min Scan# 150
 Delta R.T. -0.113 min
 Lab File: VU052716.D
 Acq: 17 Jan 2023 13:03

Tgt Ion: 64 Resp: 112251
 Ion Ratio Lower Upper
 64 100
 66 4.7 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 3.557 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052716.D

Acq: 17 Jan 2023 13:03

Instrument :

MSVOA_U

ClientSampleId :

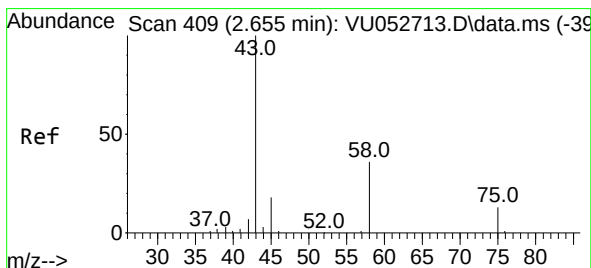
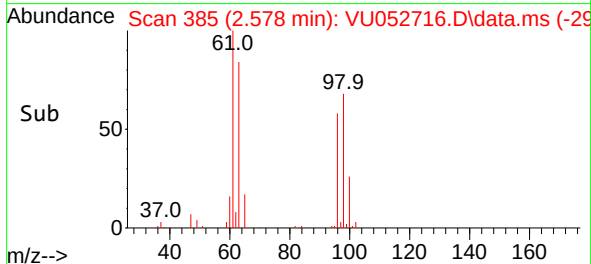
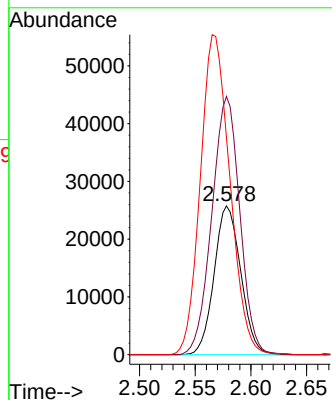
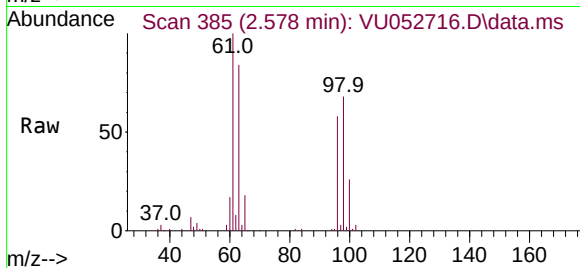
Tgt Ion: 96 Resp: 42744

Ion Ratio Lower Upper

96 100

61 173.7 129.6 240.8

63 146.1 83.7 155.5



#13

Acetone

Concen: 12.769 ug/L

RT: 2.668 min Scan# 413

Delta R.T. 0.013 min

Lab File: VU052716.D

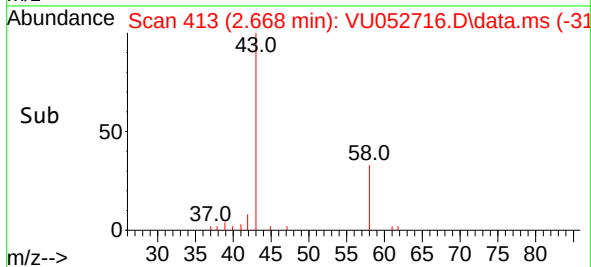
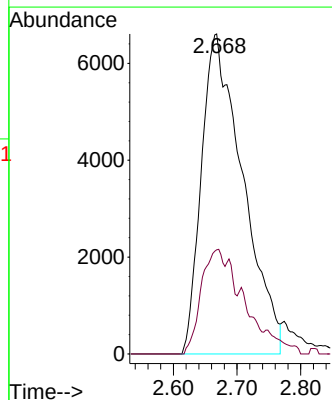
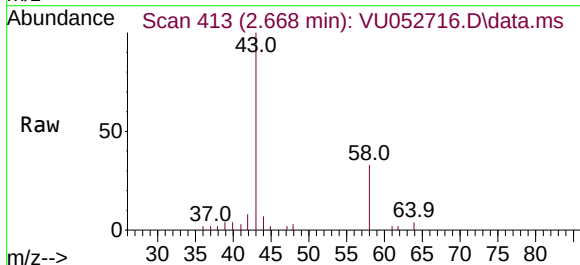
Acq: 17 Jan 2023 13:03

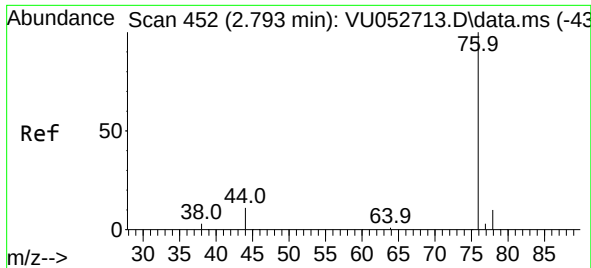
Tgt Ion: 43 Resp: 29812

Ion Ratio Lower Upper

43 100

58 17.8 0.0 68.8





#14

Carbon disulfide

Concen: 0.221 ug/L

RT: 2.797 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU052716.D

Acq: 17 Jan 2023 13:03

Instrument :

MSVOA_U

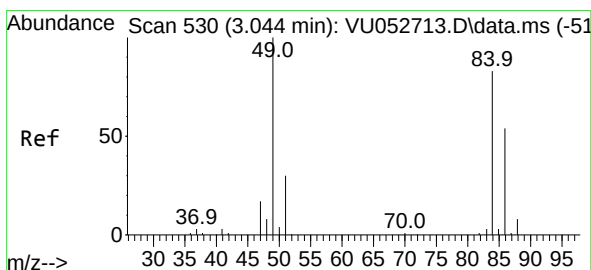
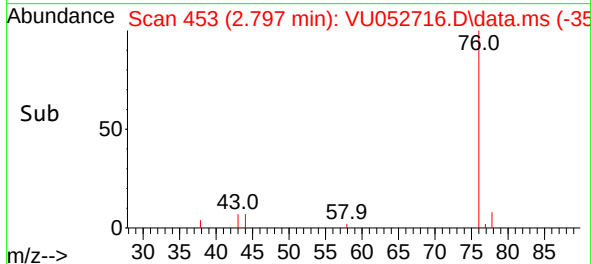
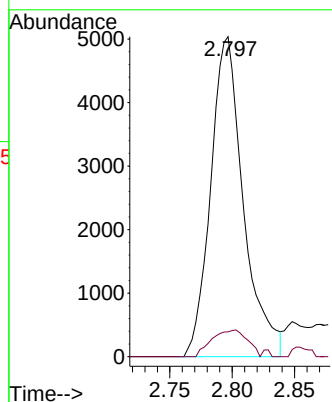
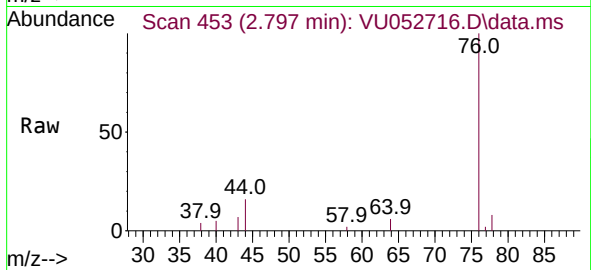
ClientSampleId :

Tgt Ion: 76 Resp: 9194

Ion Ratio Lower Upper

76 100

78 7.8 7.0 10.6



#16

Methylene chloride

Concen: 0.359 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052716.D

Acq: 17 Jan 2023 13:03

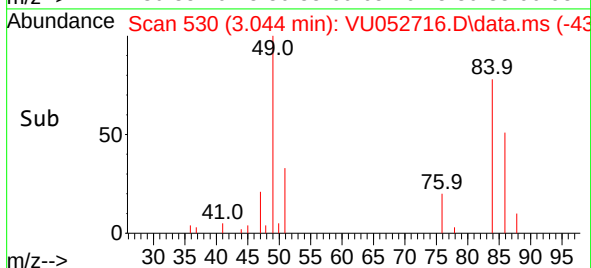
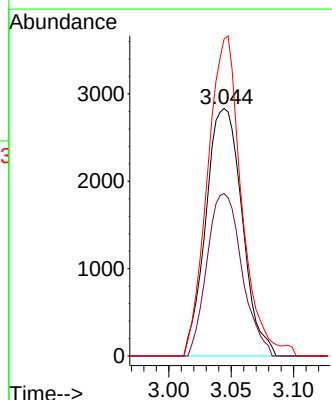
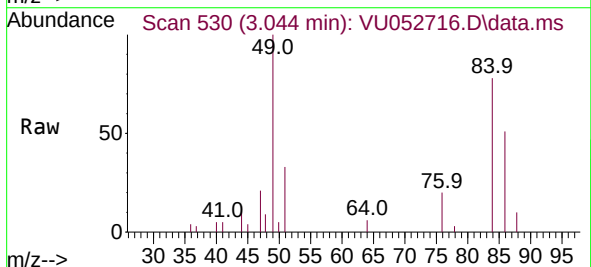
Tgt Ion: 84 Resp: 5735

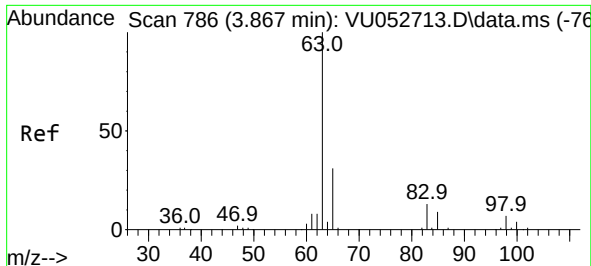
Ion Ratio Lower Upper

84 100

86 65.6 45.6 84.6

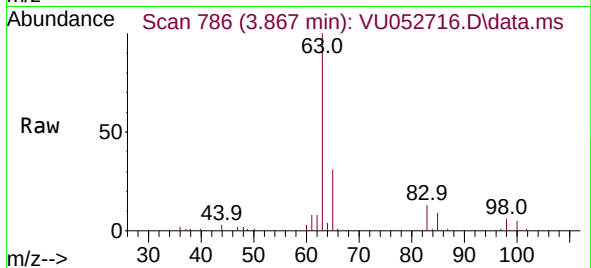
49 128.0 94.8 176.0



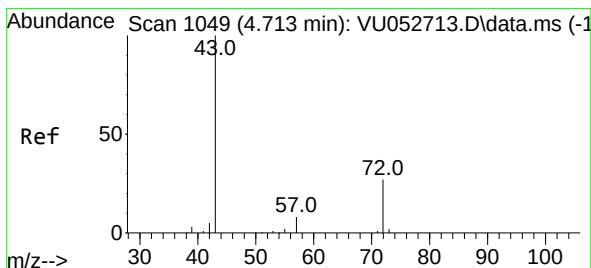
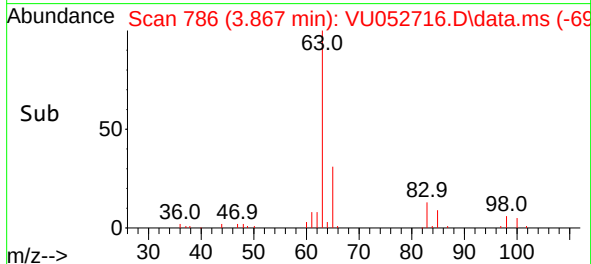
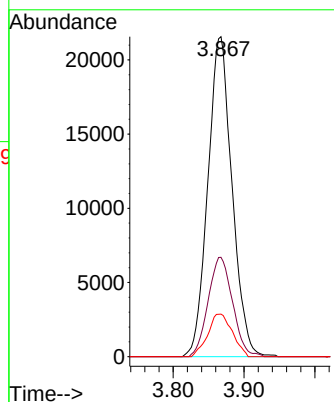


#19
1,1-Dichloroethane
Concen: 2.008 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU052716.D
Acq: 17 Jan 2023 13:03

Instrument :
MSVOA_U
ClientSampleId :

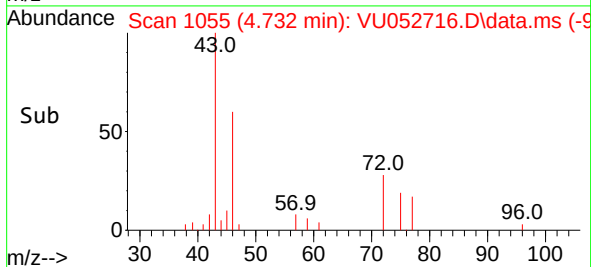
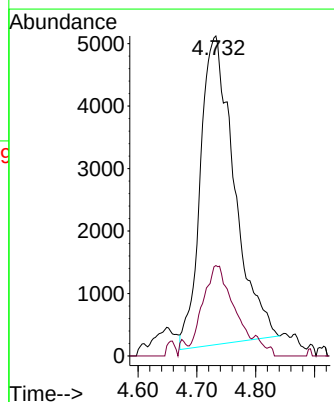
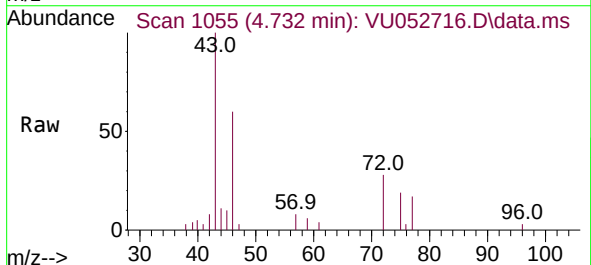


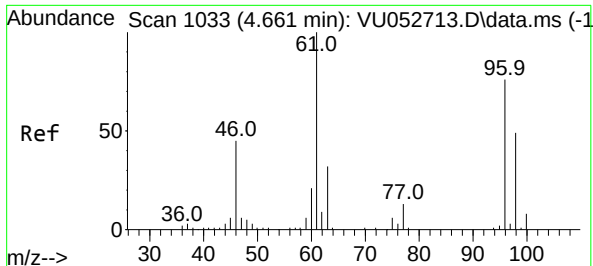
Tgt Ion: 63 Resp: 51091
Ion Ratio Lower Upper
63 100
65 31.0 22.0 41.0
83 13.3 8.9 16.5



#21
2-Butanone
Concen: 5.258 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU052716.D
Acq: 17 Jan 2023 13:03

Tgt Ion: 43 Resp: 19760
Ion Ratio Lower Upper
43 100
72 24.5 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 4.111 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052716.D

Acq: 17 Jan 2023 13:03

Instrument :

MSVOA_U

ClientSampleId :

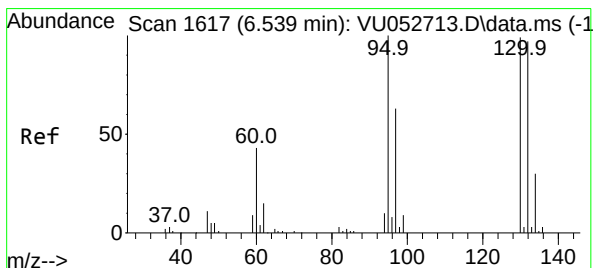
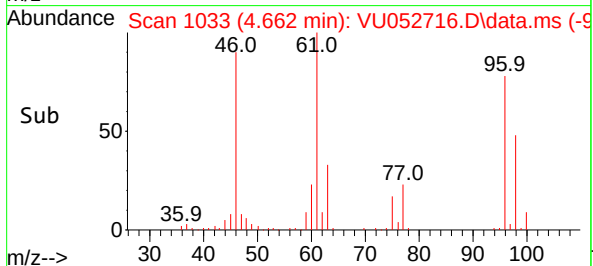
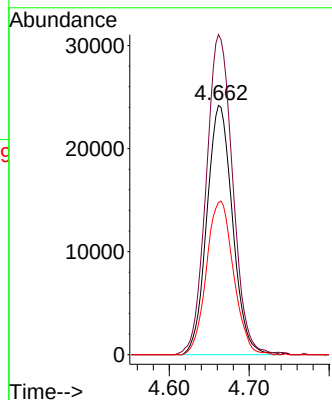
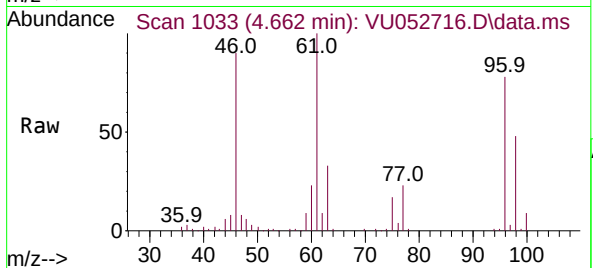
Tgt Ion: 96 Resp: 54101

Ion Ratio Lower Upper

96 100

61 128.3 94.6 175.8

98 61.0 43.3 80.3



#34

Trichloroethene

Concen: 3.240 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052716.D

Acq: 17 Jan 2023 13:03

Tgt Ion: 95 Resp: 40709

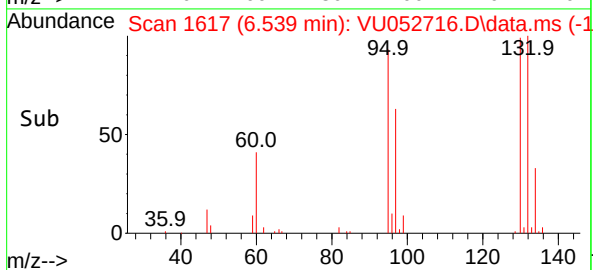
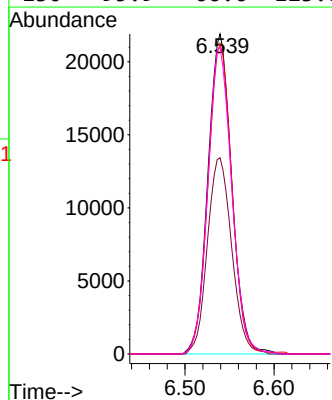
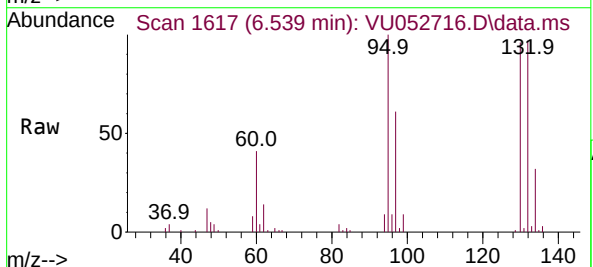
Ion Ratio Lower Upper

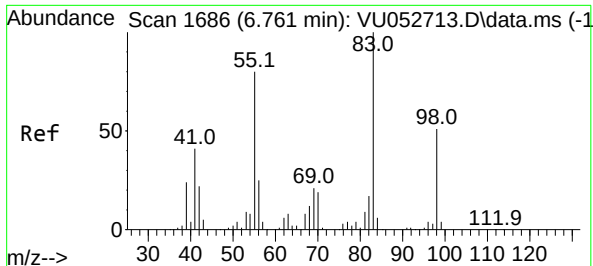
95 100

97 61.3 46.0 85.4

132 96.9 64.0 118.8

130 95.9 66.6 123.8





#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052716.D

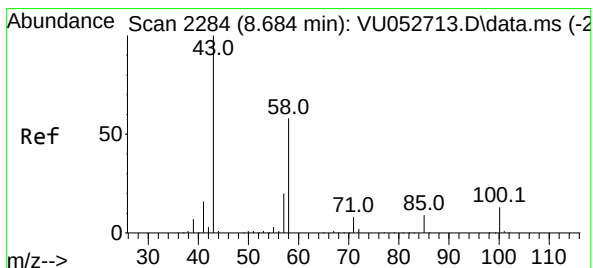
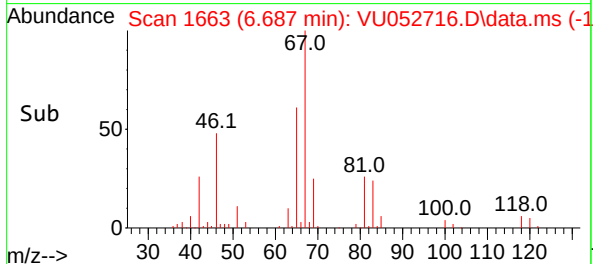
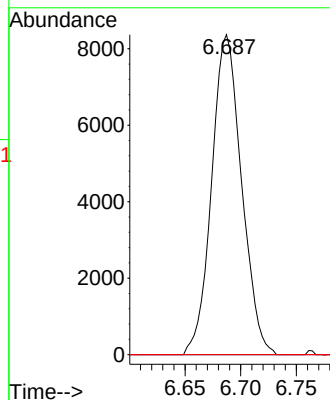
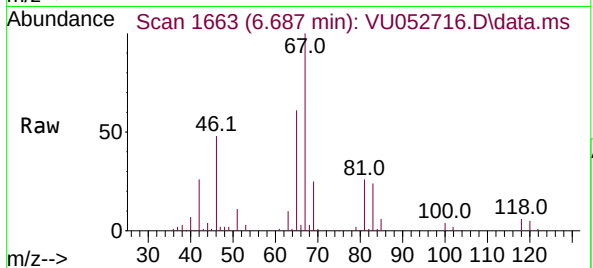
Acq: 17 Jan 2023 13:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15645
Ion Ratio	Lower Upper
83 100	
55 0.0	67.6 101.4#
98 0.0	37.1 55.7#



#48

2-Hexanone

Concen: 2.156 ug/L

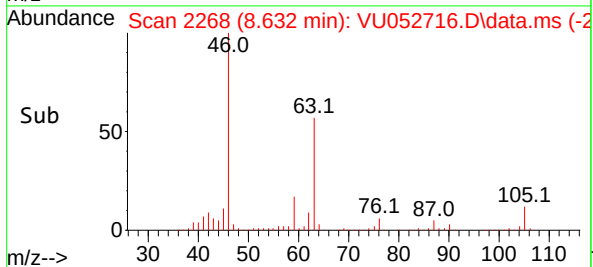
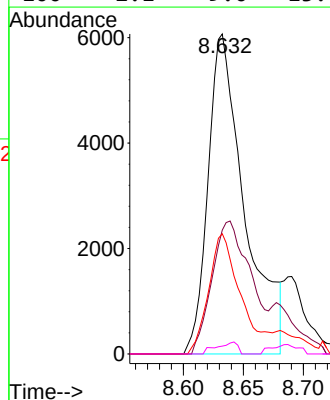
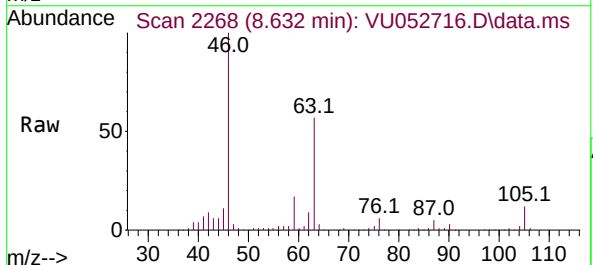
RT: 8.632 min Scan# 2268

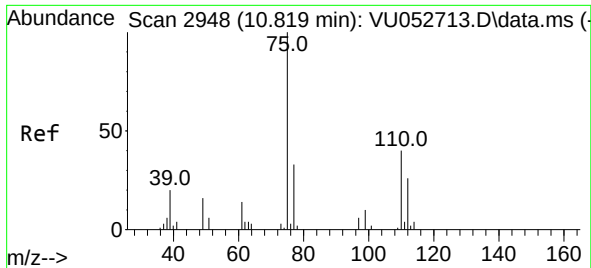
Delta R.T. -0.051 min

Lab File: VU052716.D

Acq: 17 Jan 2023 13:03

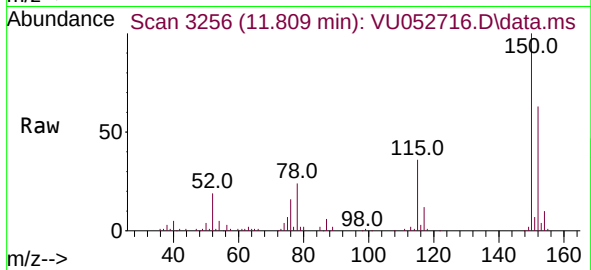
Tgt Ion: 43	Resp: 12867
Ion Ratio	Lower Upper
43 100	
58 44.3	45.1 67.7#
57 33.3	15.1 22.7#
100 2.1	9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.980 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052716.D
 Acq: 17 Jan 2023 13:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6705
 Ion Ratio Lower Upper
 75 100
 110 0.0 27.2 40.8#
 77 34.6 24.0 36.0

