

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057480.D
 Acq On : 12 Jan 2024 14:16
 Operator : MD/SY
 Sample : P1062-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

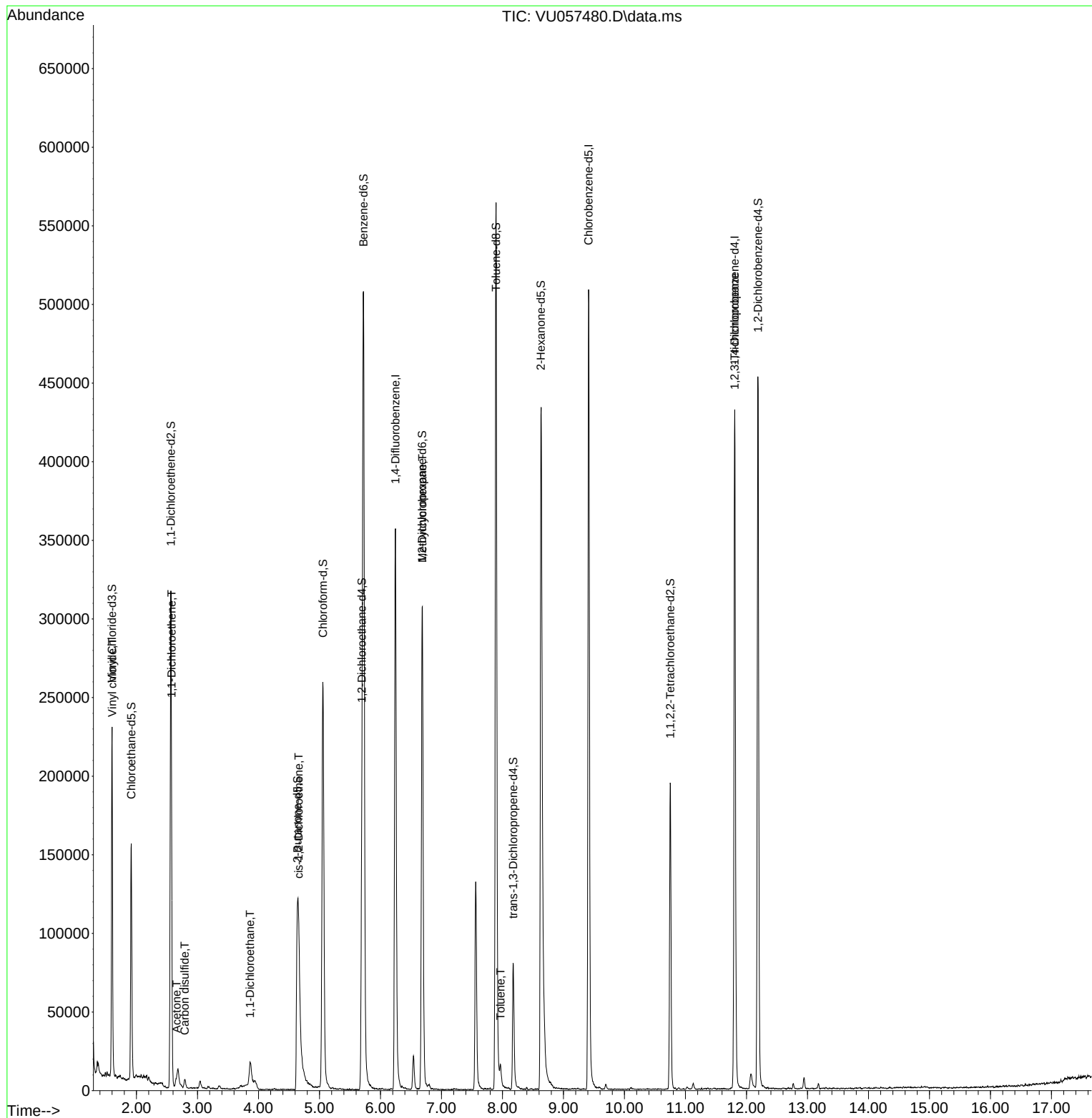
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	283661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	141706	4.960	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.914	69	115012	5.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.563	65	60919	5.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.800%	
20) 2-Butanone-d5	4.637	46	237223	43.897	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.800%	
24) Chloroform-d	5.055	84	246567	4.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.695	65	122971	5.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.721	84	477476	4.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.682	67	153734	4.766	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.894	98	382729	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.174	79	47821	4.264	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.631	63	152288	37.506	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.020%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	100334	4.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	114744	5.197	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
5) Vinyl chloride	1.602	62	21845	1.028	ug/L	86
12) 1,1-Dichloroethene	2.573	96	3931	0.239	ug/L #	1
13) Acetone	2.657	43	15654	4.819	ug/L	91
14) Carbon disulfide	2.792	76	7977	0.174	ug/L	95
19) 1,1-Dichloroethane	3.862	63	16973	0.461	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	19314	1.016	ug/L	92
35) Methylcyclohexane	6.685	83	34179	1.174	ug/L #	15
42) Toluene	7.968	91	8150	0.099	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	14947	1.453	ug/L #	63

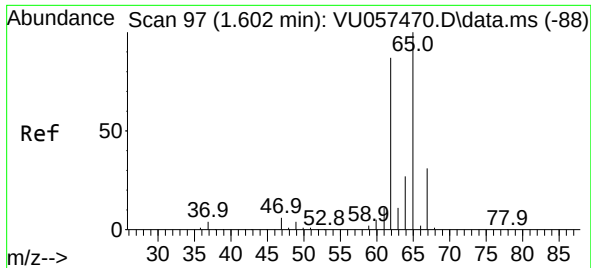
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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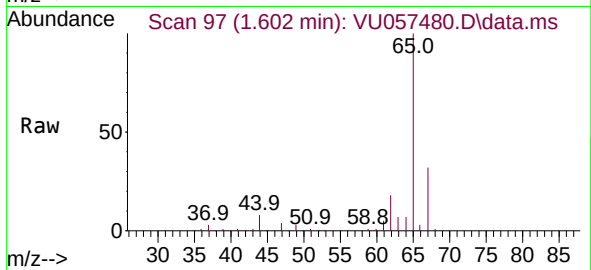
Quant Time: Jan 13 01:37:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
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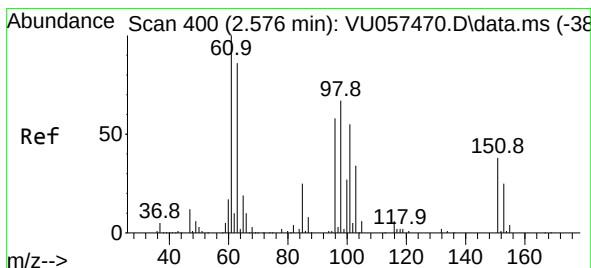
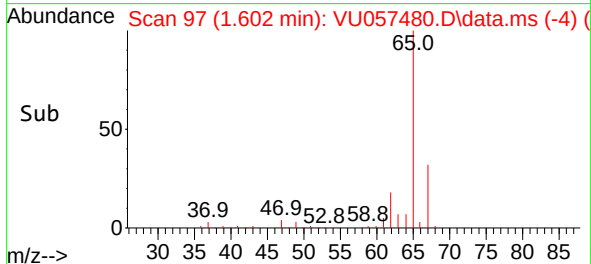
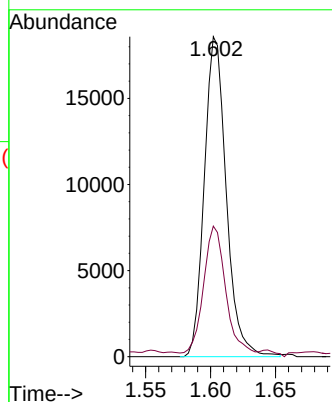


#5
 Vinyl chloride
 Concen: 1.028 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057480.D
 Acq: 12 Jan 2024 14:16

Instrument :
 MSVOA_U
 ClientSampleId :

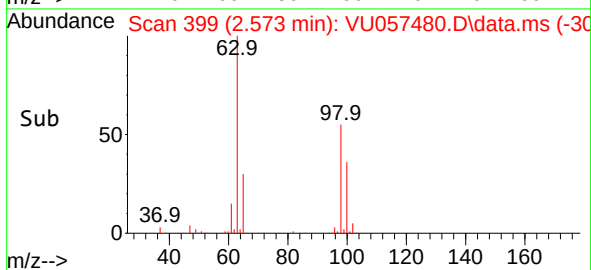
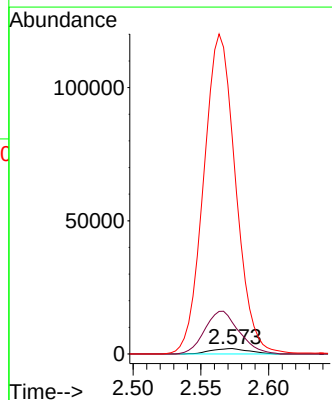
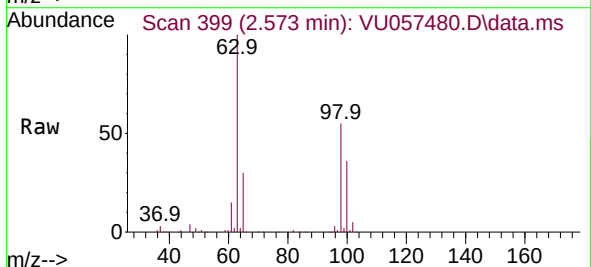


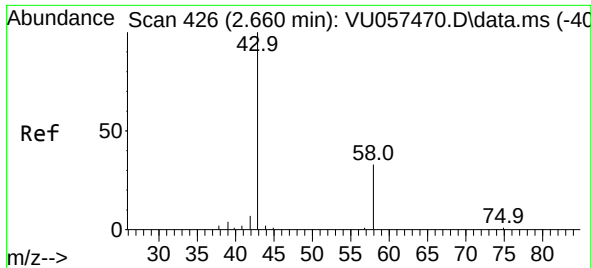
Tgt Ion: 62 Resp: 21845
 Ion Ratio Lower Upper
 62 100
 64 40.8 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 0.239 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU057480.D
 Acq: 12 Jan 2024 14:16

Tgt Ion: 96 Resp: 3931
 Ion Ratio Lower Upper
 96 100
 61 406.5 130.9 243.1#
 63 2785.2 114.8 213.2#





#13

Acetone

Concen: 4.819 ug/L

RT: 2.657 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057480.D

Acq: 12 Jan 2024 14:16

Instrument :

MSVOA_U

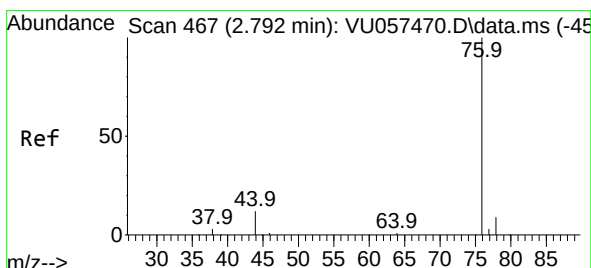
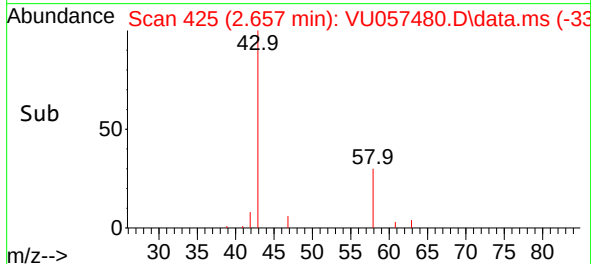
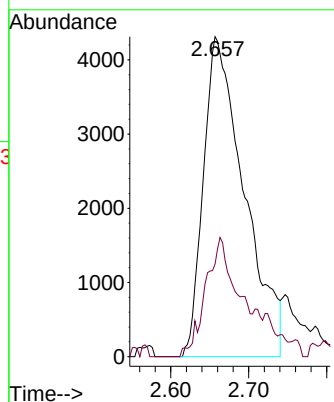
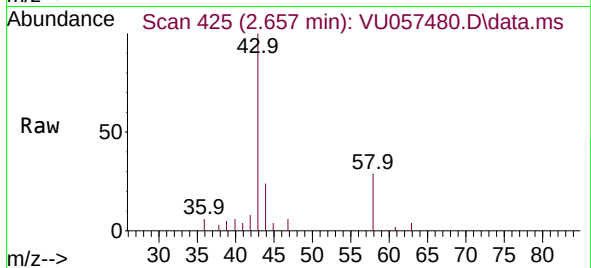
ClientSampleId :

Tgt Ion: 43 Resp: 15654

Ion Ratio Lower Upper

43 100

58 28.8 0.0 67.8



#14

Carbon disulfide

Concen: 0.174 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057480.D

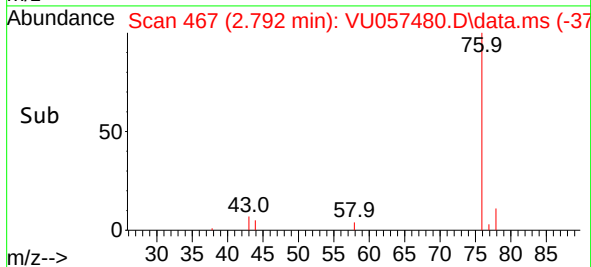
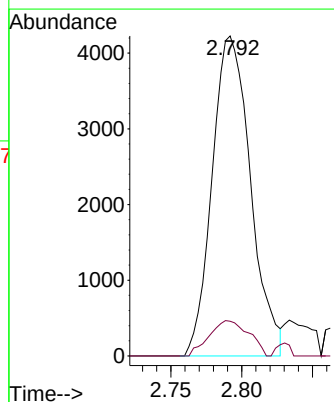
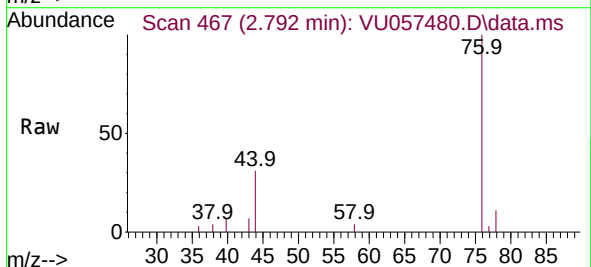
Acq: 12 Jan 2024 14:16

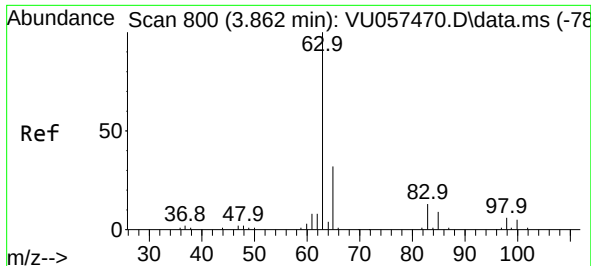
Tgt Ion: 76 Resp: 7977

Ion Ratio Lower Upper

76 100

78 10.8 7.3 10.9





#19

1,1-Dichloroethane

Concen: 0.461 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057480.D

Acq: 12 Jan 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

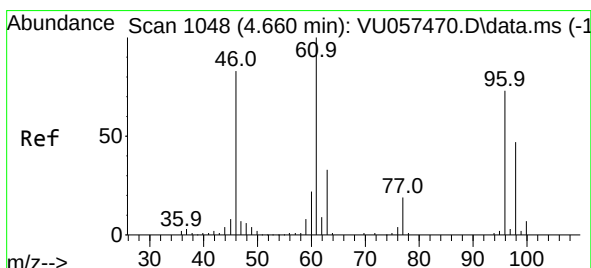
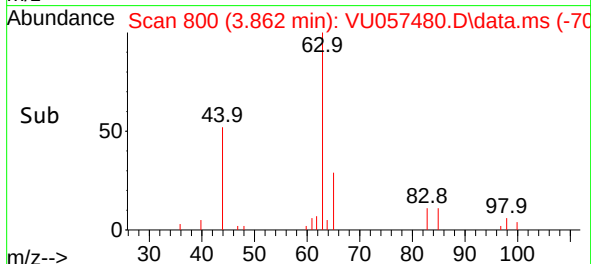
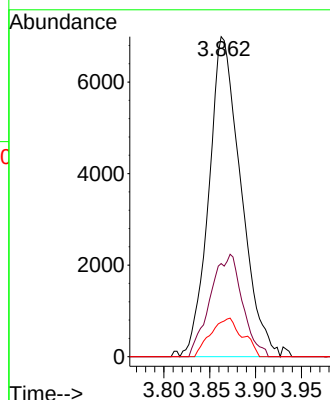
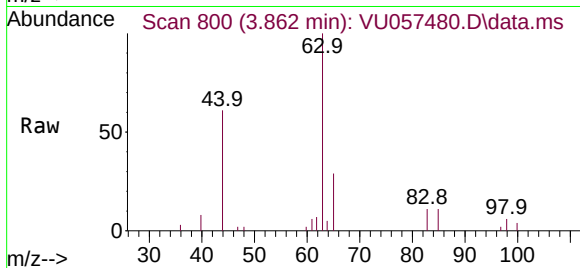
Tgt Ion: 63 Resp: 16973

Ion Ratio Lower Upper

63 100

65 27.8 22.3 41.3

83 10.3 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.016 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057480.D

Acq: 12 Jan 2024 14:16

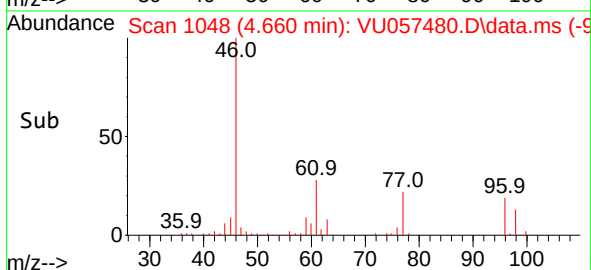
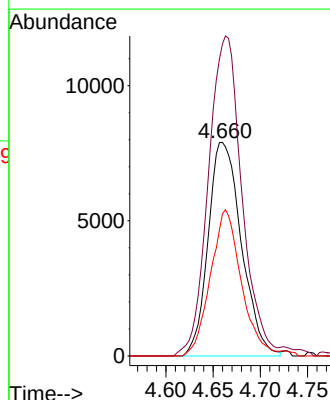
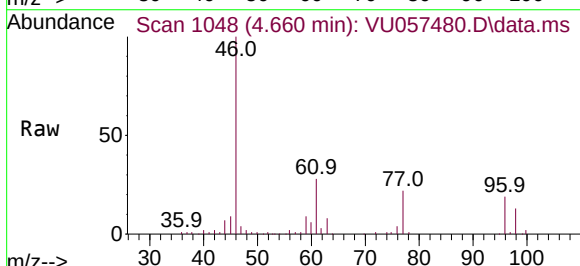
Tgt Ion: 96 Resp: 19314

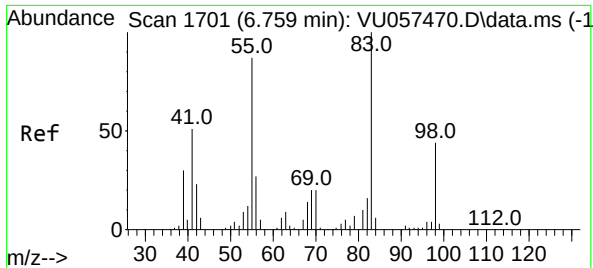
Ion Ratio Lower Upper

96 100

61 146.1 93.4 173.4

98 66.5 44.9 83.3

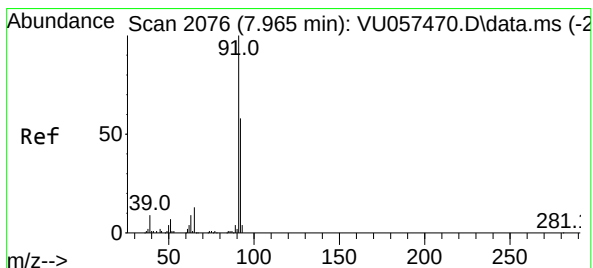
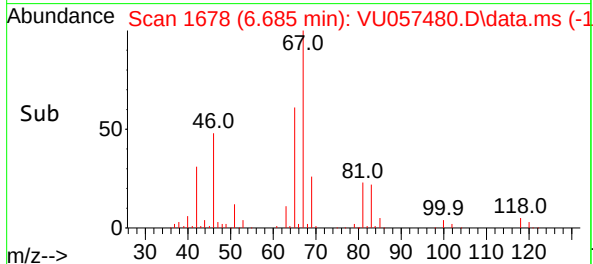
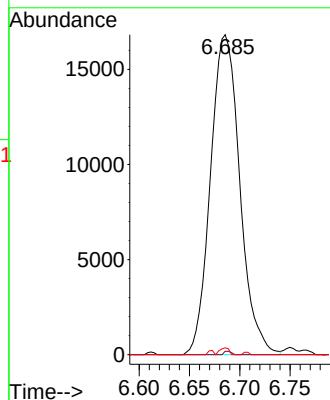
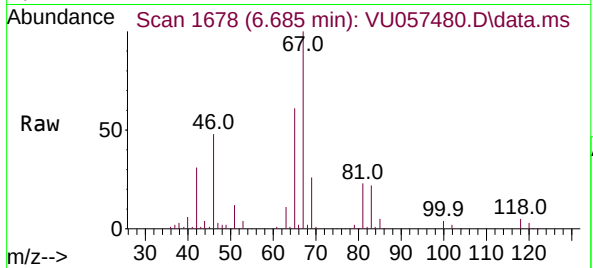




#35
Methylcyclohexane
Concen: 1.174 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU057480.D
Acq: 12 Jan 2024 14:16

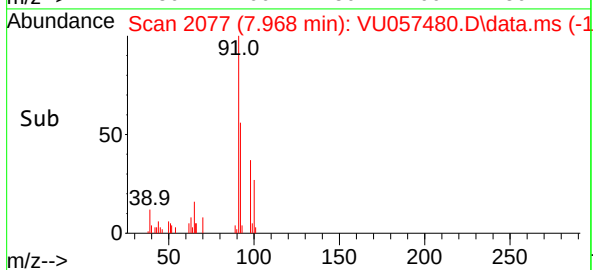
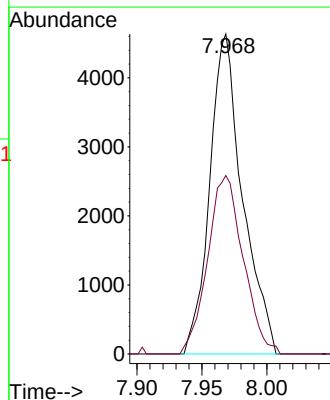
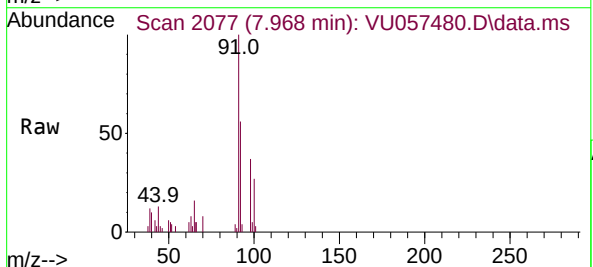
Instrument :
MSVOA_U
ClientSampleId :

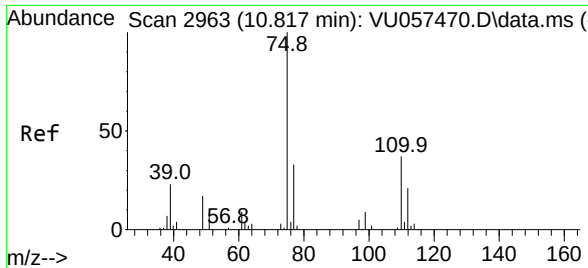
Tgt Ion: 83 Resp: 34179
Ion Ratio Lower Upper
83 100
55 0.3 68.7 103.1#
98 0.7 36.3 54.5#



#42
Toluene
Concen: 0.099 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU057480.D
Acq: 12 Jan 2024 14:16

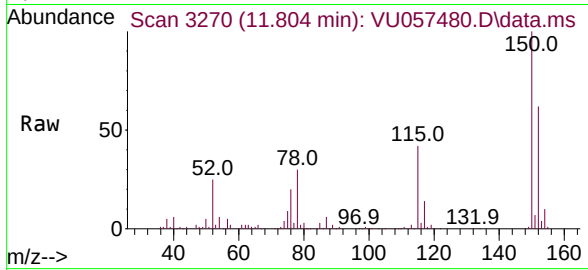
Tgt Ion: 91 Resp: 8150
Ion Ratio Lower Upper
91 100
92 55.7 41.2 76.4





#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057480.D
Acq: 12 Jan 2024 14:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 14947
Ion Ratio Lower Upper
75 100
110 2.4 29.4 44.0#
77 40.0 26.2 39.4#

