

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057486.D
 Acq On : 12 Jan 2024 16:41
 Operator : MD/SY
 Sample : P1062-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:39:20 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

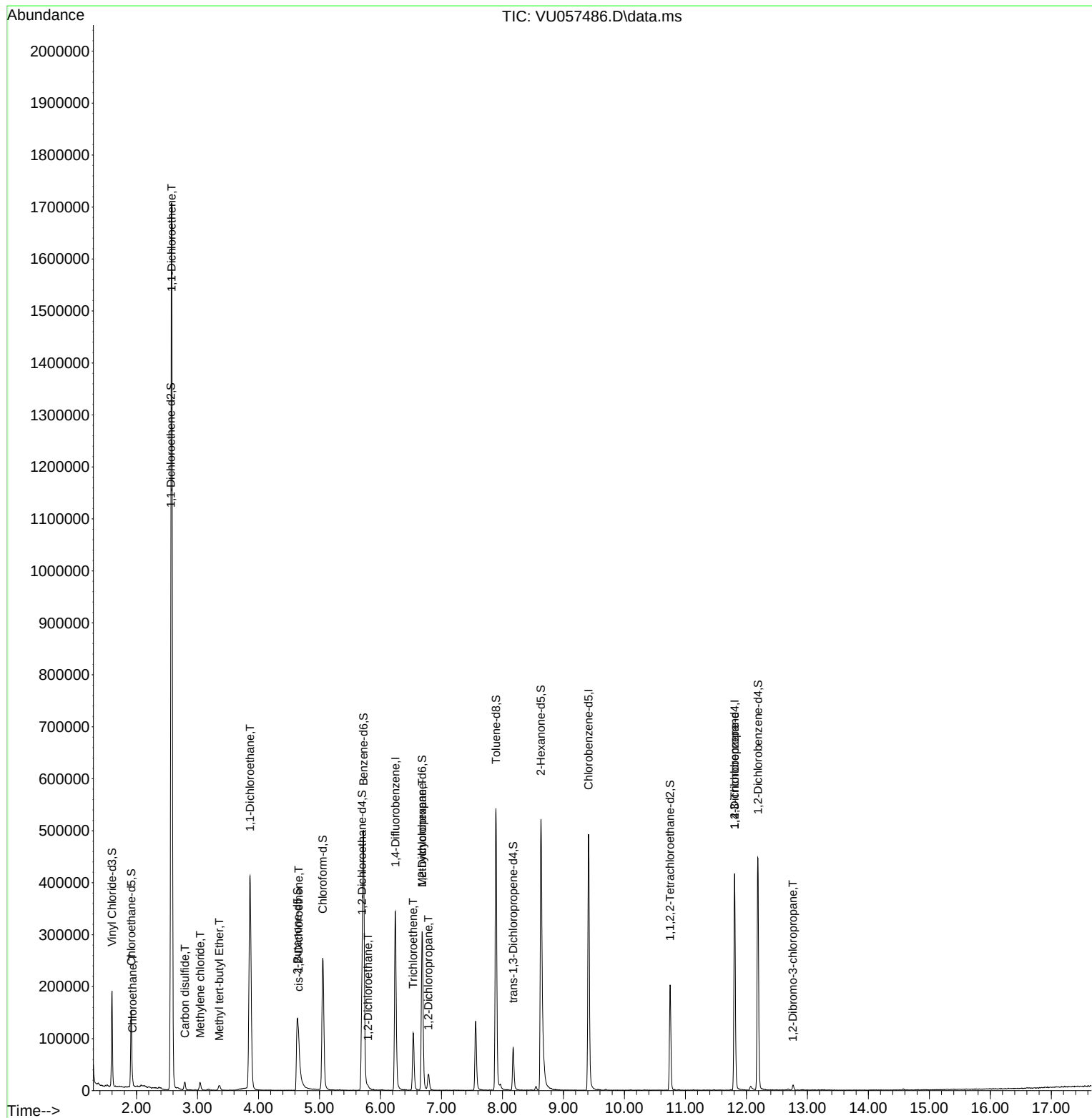
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	279756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	133311	4.889	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.914	69	112175	5.287	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.800%	
11) 1,1-Dichloroethene-d2	2.563	65	59242	5.138	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.800%	
20) 2-Butanone-d5	4.637	46	271763	52.688	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.380%	
24) Chloroform-d	5.055	84	243365	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
26) 1,2-Dichloroethane-d4	5.698	65	121788	5.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.721	84	468734	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.685	67	148089	4.655	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.894	98	368678	4.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.177	79	48939	4.425	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.631	63	178588	44.597	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.200%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	103646	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	115804	5.407	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
8) Chloroethane	1.936	64	3643	0.288	ug/L	92
12) 1,1-Dichloroethene	2.576	96	525626	33.472	ug/L #	64
14) Carbon disulfide	2.795	76	20562	0.469	ug/L	98
16) Methylene chloride	3.042	84	7144	0.336	ug/L	90
17) Methyl tert-butyl Ether	3.358	73	8232	0.211	ug/L #	90
19) 1,1-Dichloroethane	3.862	63	484442	13.774	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	9231	0.509	ug/L	91
27) 1,2-Dichloroethane	5.795	62	4674	0.213	ug/L	99
34) Trichloroethene	6.537	95	39020	1.807	ug/L	99
35) Methylcyclohexane	6.682	83	33922	1.182	ug/L #	16
37) 1,2-Dichloropropane	6.785	63	12583	0.540	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	13730	1.376	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.759	75	259	0.135	ug/L #	10

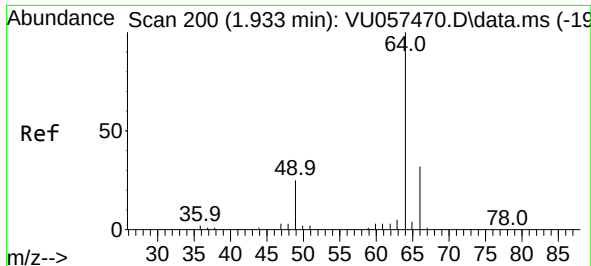
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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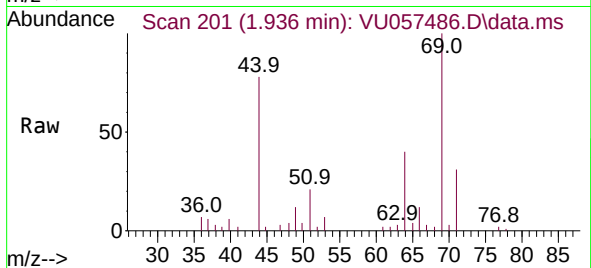
Quant Time: Jan 13 01:39:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 01:34:13 2024
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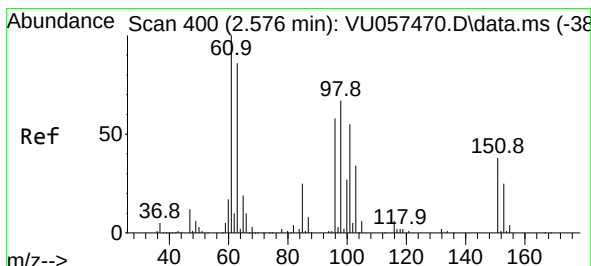
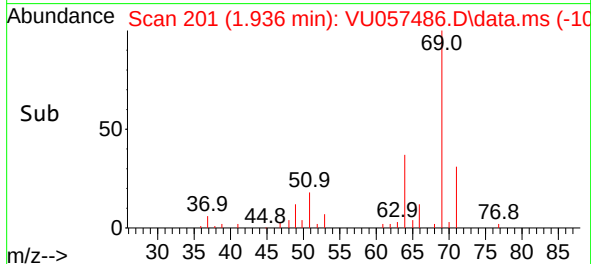
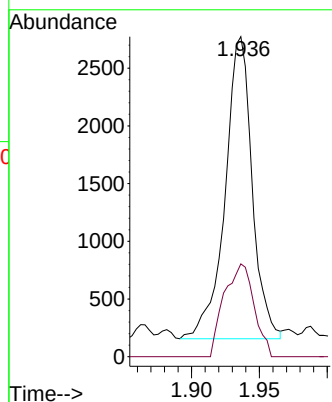


#8
Chloroethane
Concen: 0.288 ug/L
RT: 1.936 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

Instrument :
MSVOA_U
ClientSampleId :

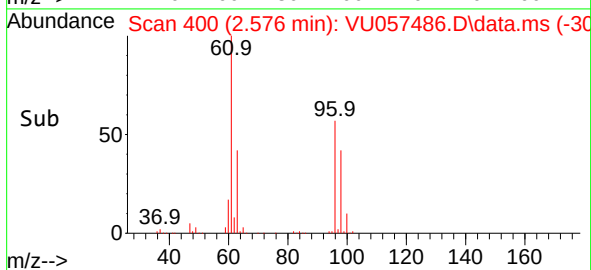
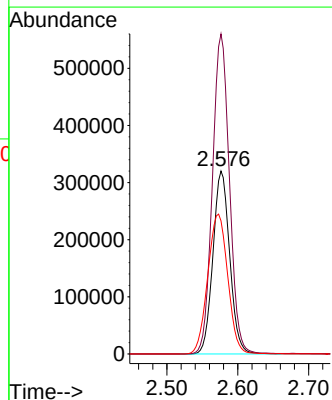
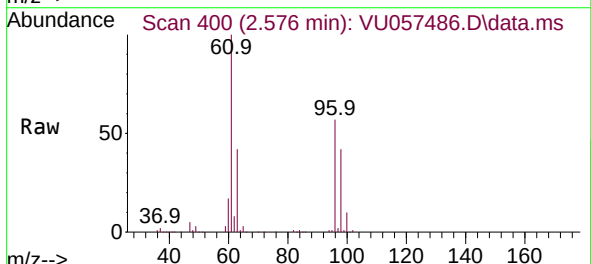


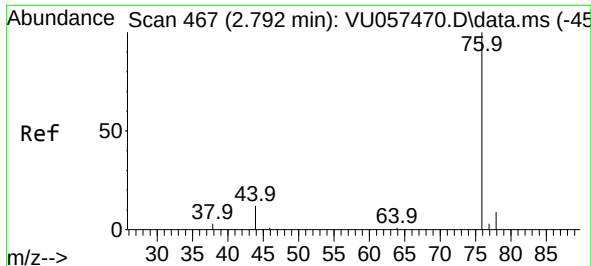
Tgt Ion: 64 Resp: 3643
Ion Ratio Lower Upper
64 100
66 29.0 23.3 43.3



#12
1,1-Dichloroethene
Concen: 33.472 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

Tgt Ion: 96 Resp: 525626
Ion Ratio Lower Upper
96 100
61 175.0 130.9 243.1
63 72.8 114.8 213.2#





#14

Carbon disulfide

Concen: 0.469 ug/L

RT: 2.795 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU057486.D

Acq: 12 Jan 2024 16:41

Instrument :

MSVOA_U

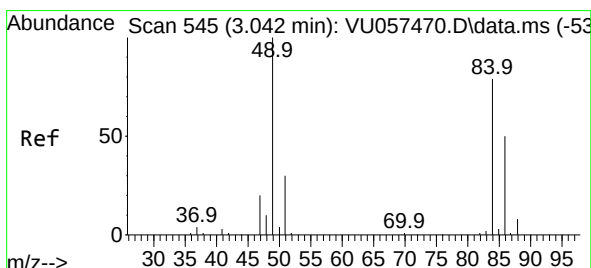
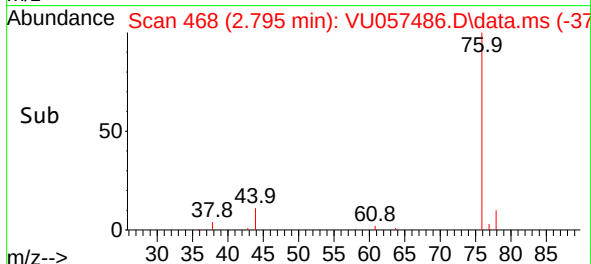
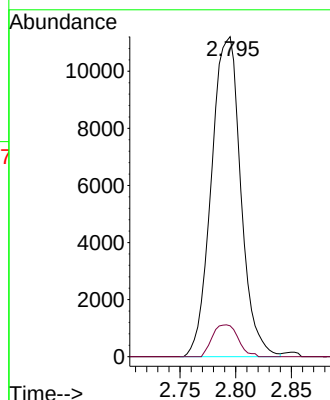
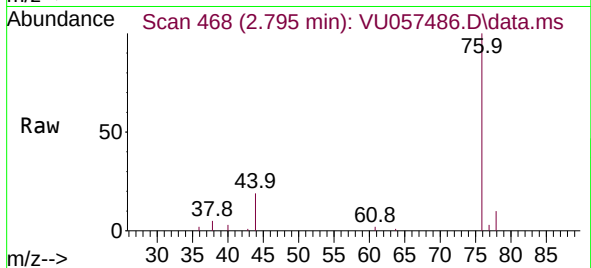
ClientSampleId :

Tgt Ion: 76 Resp: 20562

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#16

Methylene chloride

Concen: 0.336 ug/L

RT: 3.042 min Scan# 545

Delta R.T. -0.000 min

Lab File: VU057486.D

Acq: 12 Jan 2024 16:41

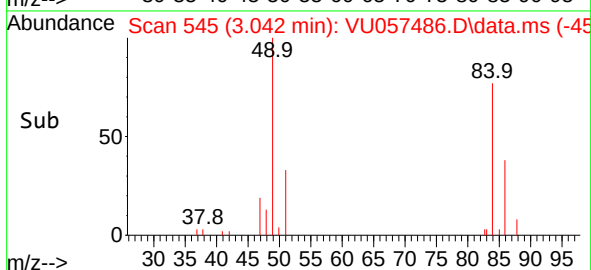
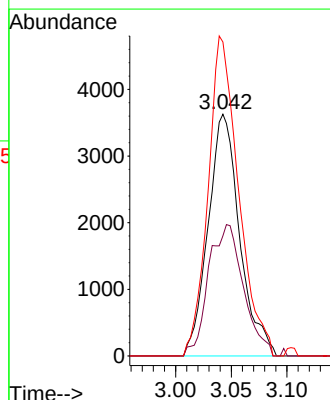
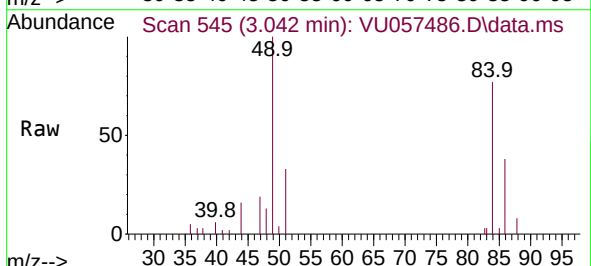
Tgt Ion: 84 Resp: 7144

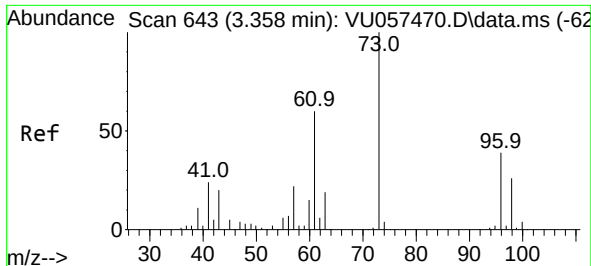
Ion Ratio Lower Upper

84 100

86 49.7 45.8 85.2

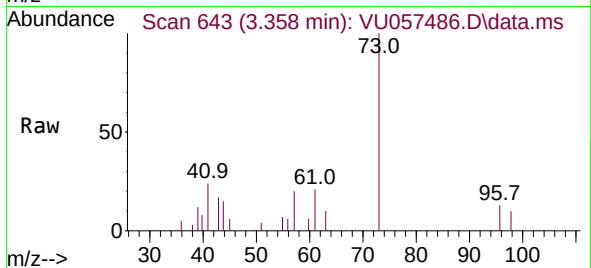
49 129.9 86.7 161.1



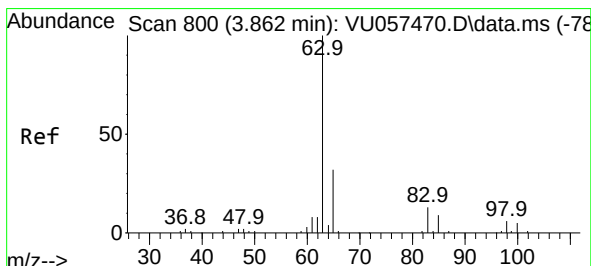
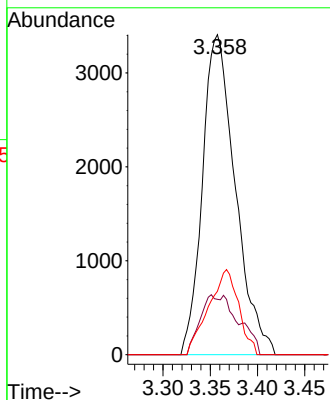
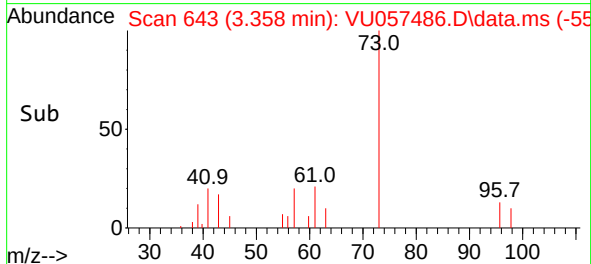


#17
Methyl tert-butyl Ether
Concen: 0.211 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

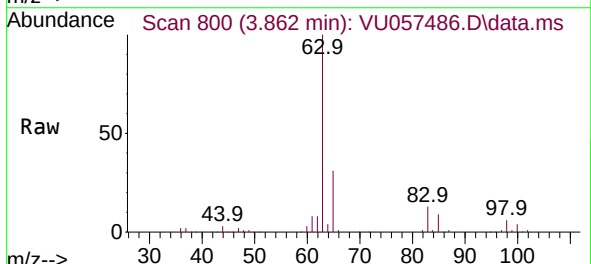
Instrument :
MSVOA_U
ClientSampleId :



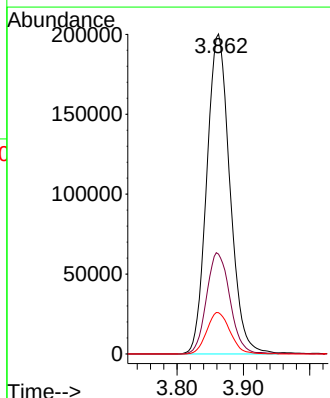
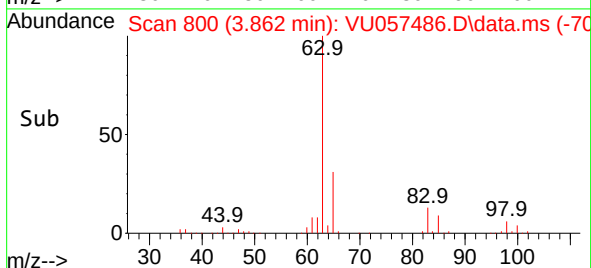
Tgt Ion: 73 Resp: 8232
Ion Ratio Lower Upper
73 100
43 11.5 16.1 24.1#
57 24.3 18.2 27.4

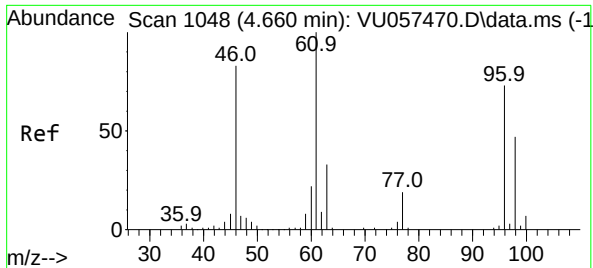


#19
1,1-Dichloroethane
Concen: 13.774 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41



Tgt Ion: 63 Resp: 484442
Ion Ratio Lower Upper
63 100
65 31.2 22.3 41.3
83 12.9 9.1 16.9

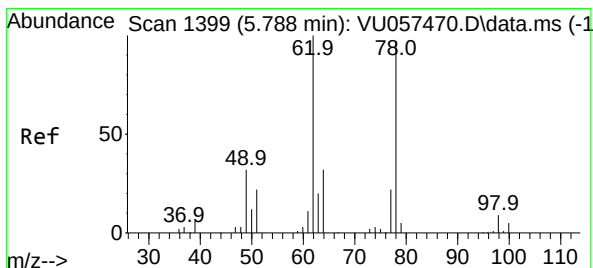
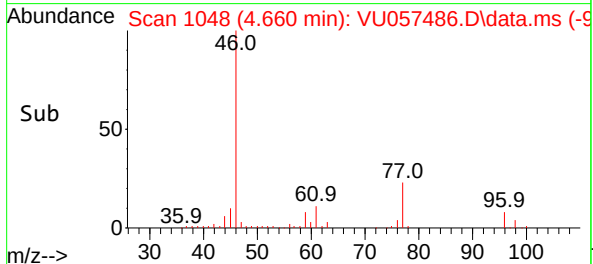
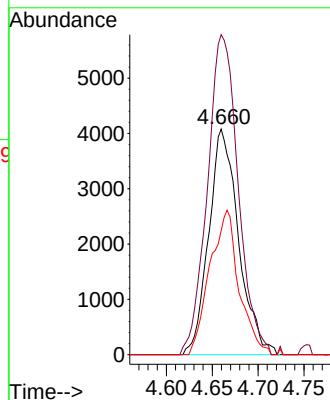
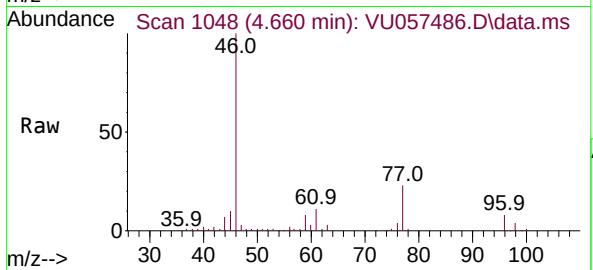




#22
 cis-1,2-Dichloroethene
 Concen: 0.509 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057486.D
 Acq: 12 Jan 2024 16:41

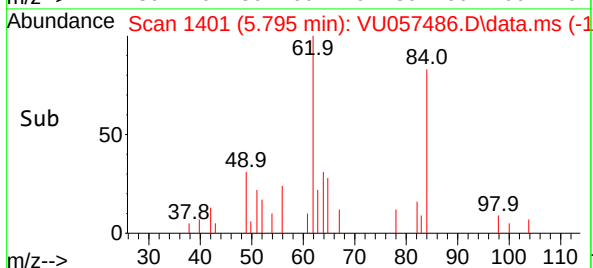
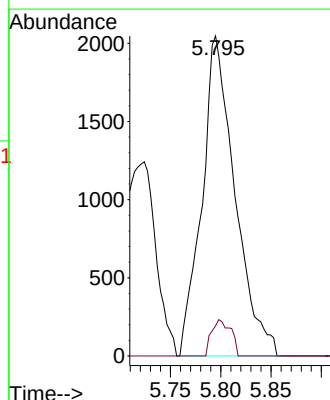
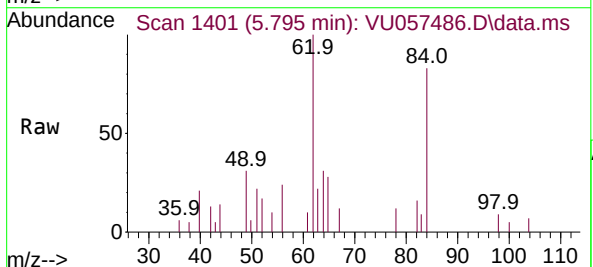
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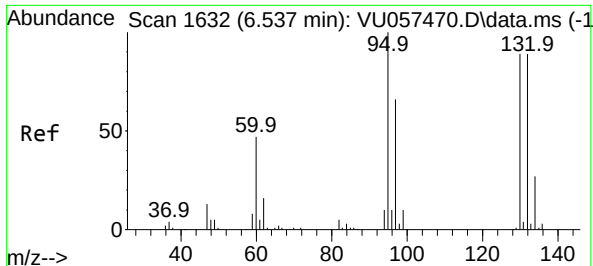
Tgt Ion: 96 Resp: 9231
 Ion Ratio Lower Upper
 96 100
 61 141.9 93.4 173.4
 98 55.1 44.9 83.3



#27
 1,2-Dichloroethane
 Concen: 0.213 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VU057486.D
 Acq: 12 Jan 2024 16:41

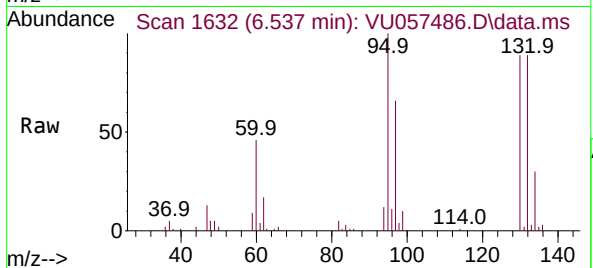
Tgt Ion: 62 Resp: 4674
 Ion Ratio Lower Upper
 62 100
 98 9.4 7.4 11.0





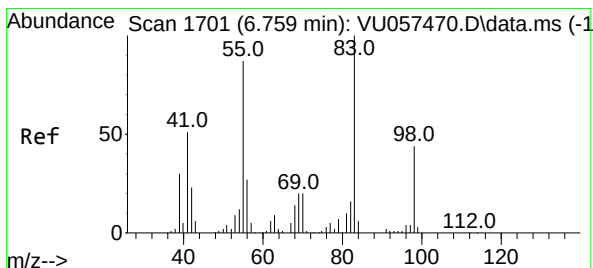
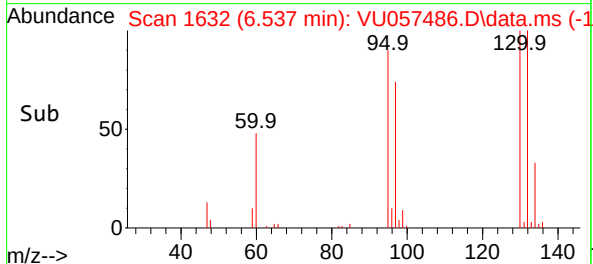
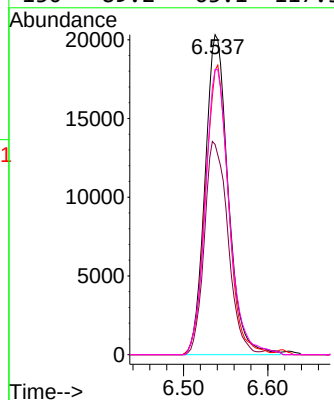
#34
Trichloroethene
Concen: 1.807 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 39020

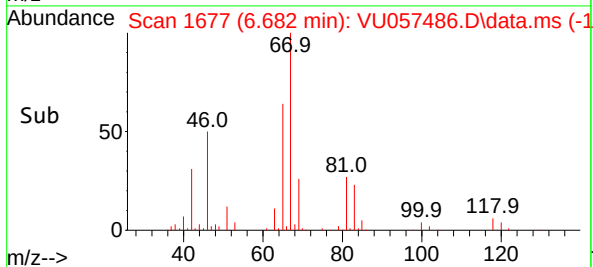
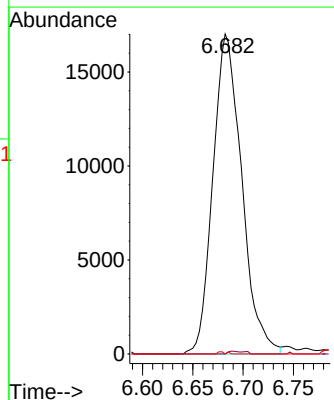
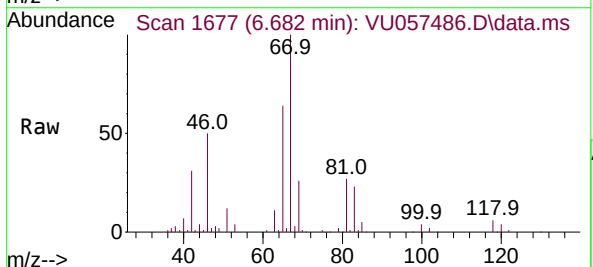
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.0	83.6
132	88.9	61.7	114.5
130	89.2	63.1	117.3

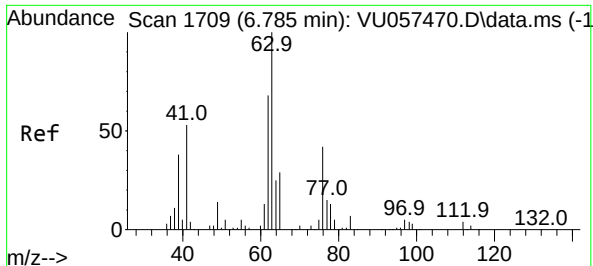


#35
Methylcyclohexane
Concen: 1.182 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

Tgt Ion: 83 Resp: 33922

Ion	Ratio	Lower	Upper
83	100		
55	0.5	68.7	103.1#
98	1.9	36.3	54.5#

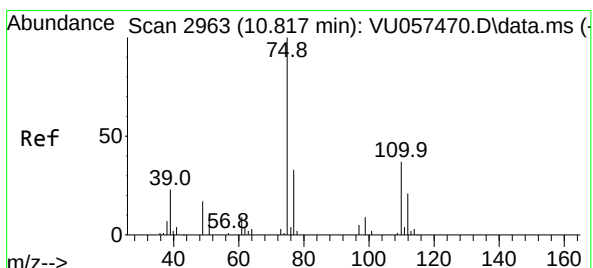
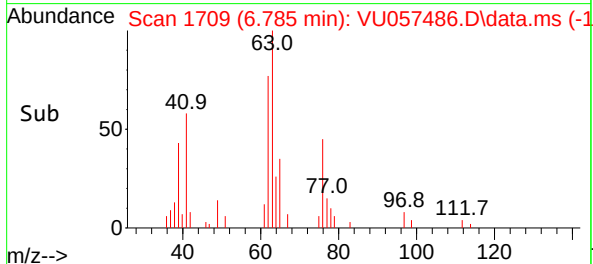
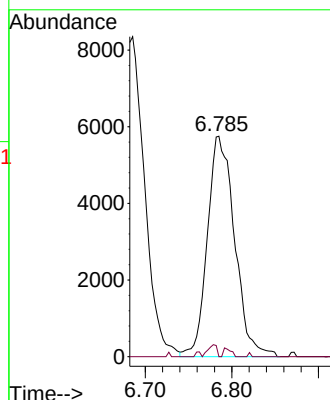
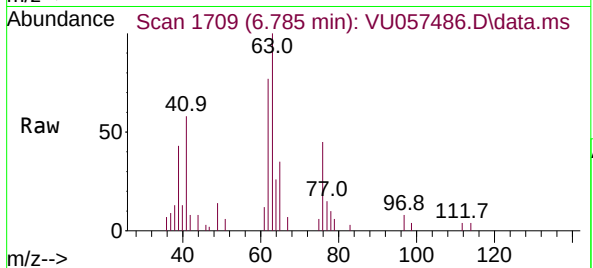




#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

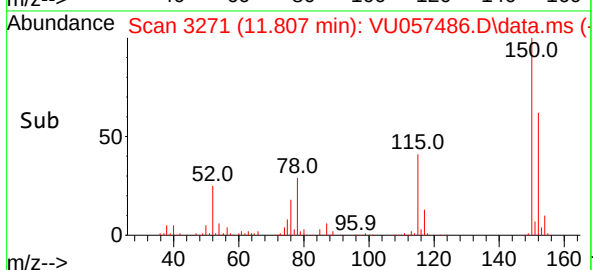
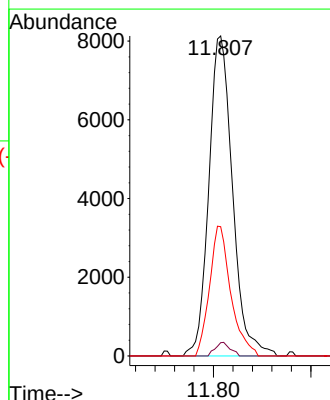
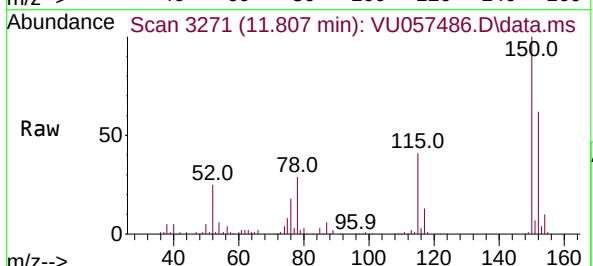
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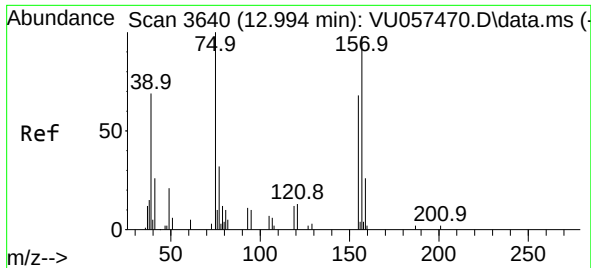
Tgt Ion: 63 Resp: 12583
Ion Ratio Lower Upper
63 100
112 1.1 2.7 4.1#



#61
1,2,3-Trichloropropane
Concen: 1.376 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057486.D
Acq: 12 Jan 2024 16:41

Tgt Ion: 75 Resp: 13730
Ion Ratio Lower Upper
75 100
110 2.7 29.4 44.0#
77 36.4 26.2 39.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.135 ug/L

RT: 12.759 min Scan# 31

Delta R.T. -0.235 min

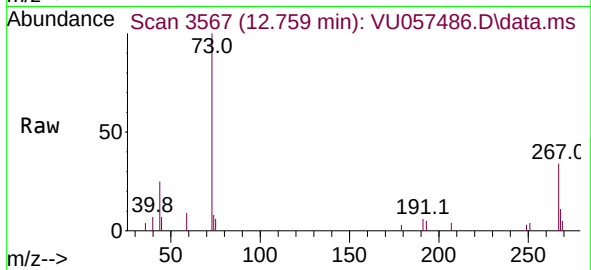
Lab File: VU057486.D

Acq: 12 Jan 2024 16:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 259

Ion Ratio Lower Upper

75 100

155 0.0 55.4 83.0#

157 0.0 68.6 102.8#

