

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061023.D
 Acq On : 26 Sep 2024 16:17
 Operator : MD/SY
 Sample : P4186-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:54:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

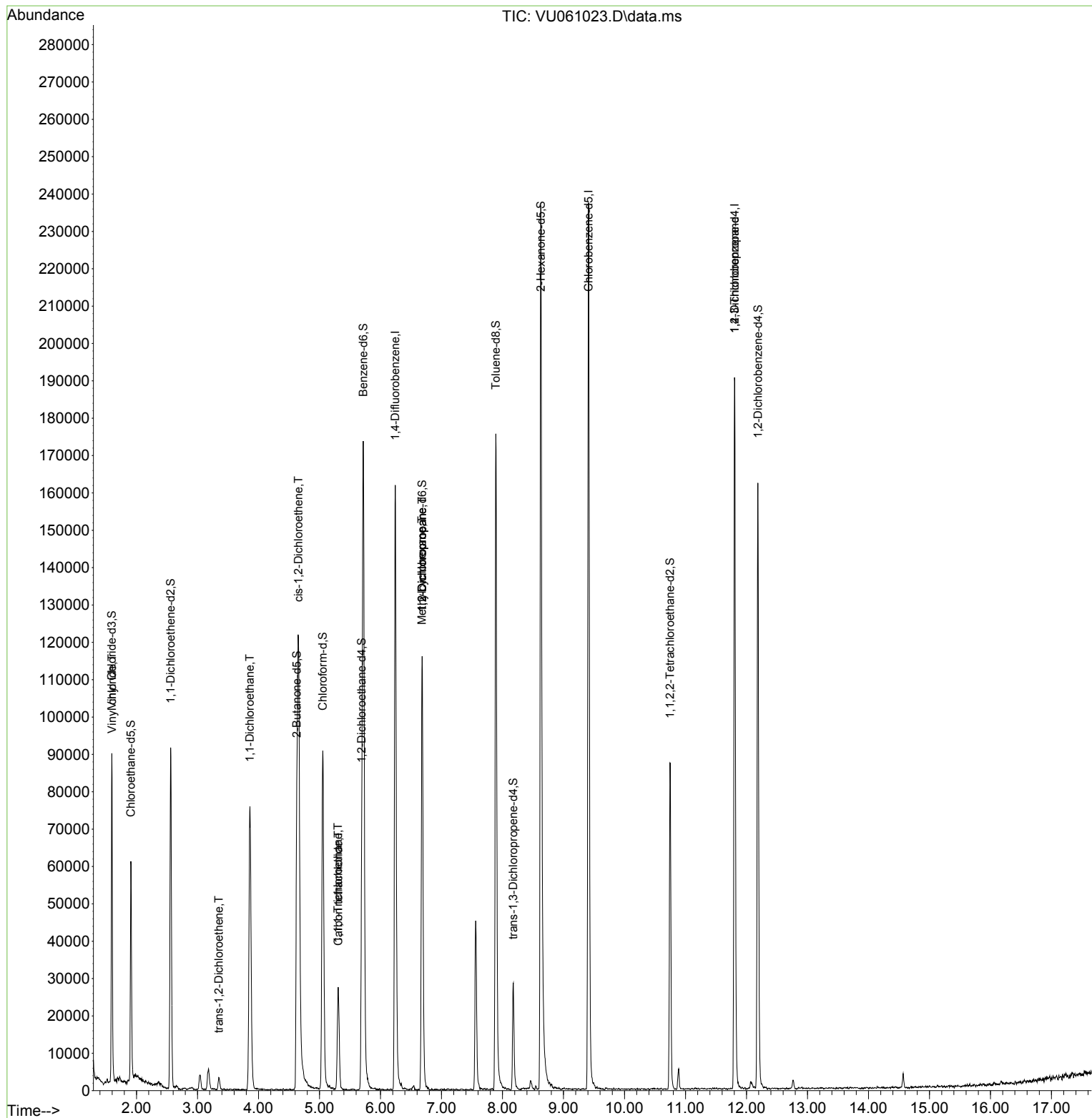
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49511	3.959	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.907	69	44832	5.036	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.560	65	17831	4.023	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.400%	
20) 2-Butanone-d5	4.628	46	112714	56.149	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.300%	
24) Chloroform-d	5.052	84	90027	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.692	65	45915	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.718	84	167849	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.682	67	59110	4.894	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.891	98	128952	3.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	8.174	79	17478	4.020	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.627	63	84888	49.501	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.000%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49610	5.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	44473	4.719	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	16297	1.358	ug/L	94
18) trans-1,2-Dichloroethene	3.351	96	1457	0.161	ug/L	96
19) 1,1-Dichloroethane	3.859	63	90152	4.955	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	50430	5.028	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	20222	1.286	ug/L	98
31) Carbon tetrachloride	5.309	117	2575	0.185	ug/L	95
35) Methylcyclohexane	6.679	83	13503	0.938	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	5889	0.534	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	6573	1.257	ug/L #	65

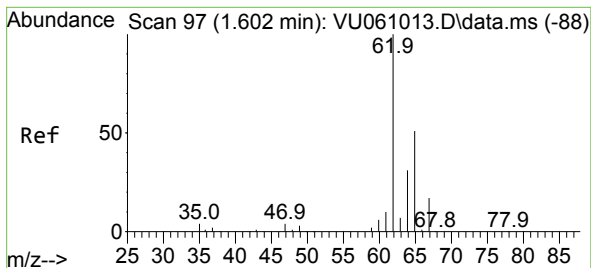
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 27 04:49:19 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.358 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061023.D

Acq: 26 Sep 2024 16:17

Instrument :

MSVOA_U

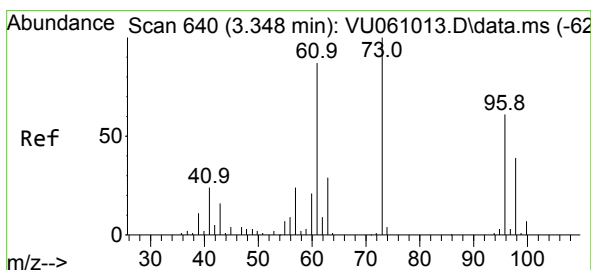
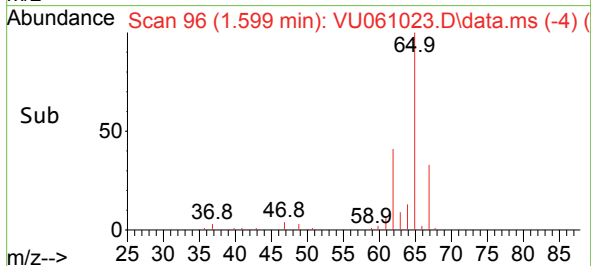
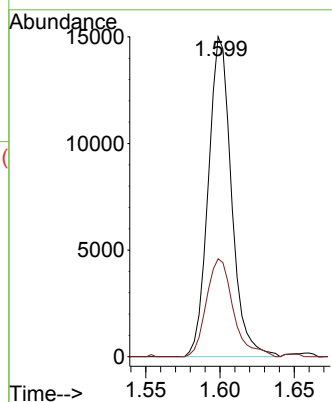
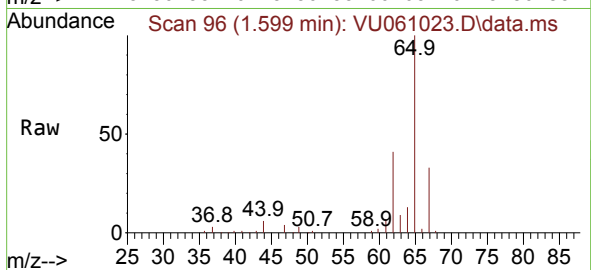
ClientSampleId :

Tgt Ion: 62 Resp: 16297

Ion Ratio Lower Upper

62 100

64 30.6 24.0 44.6



#18

trans-1,2-Dichloroethene

Concen: 0.161 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU061023.D

Acq: 26 Sep 2024 16:17

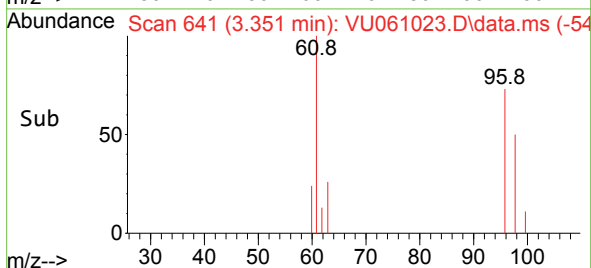
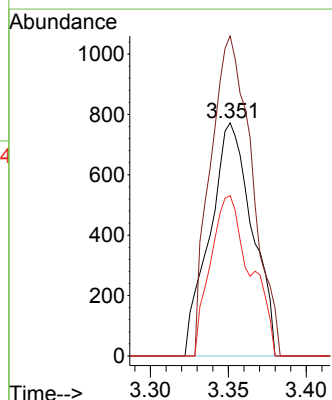
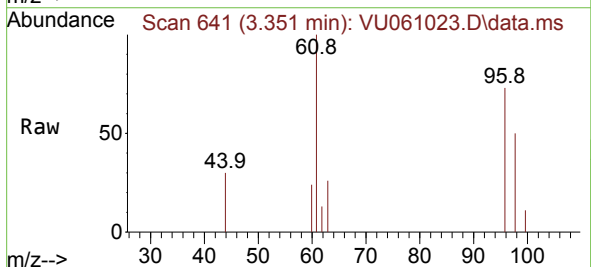
Tgt Ion: 96 Resp: 1457

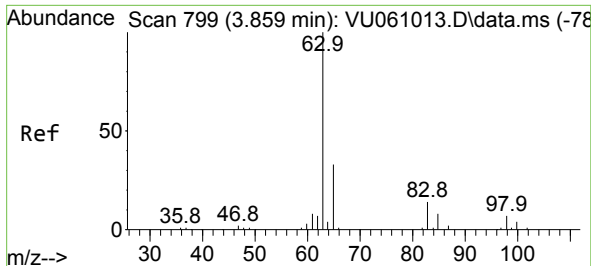
Ion Ratio Lower Upper

96 100

61 137.3 97.2 180.6

98 68.8 43.3 80.5





#19

1,1-Dichloroethane

Concen: 4.955 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061023.D

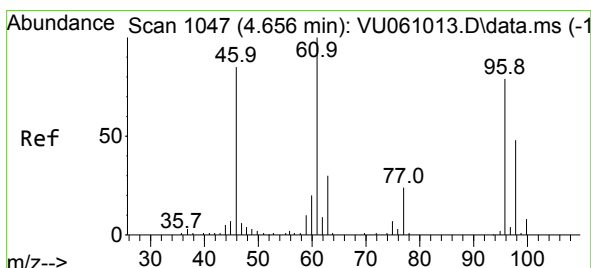
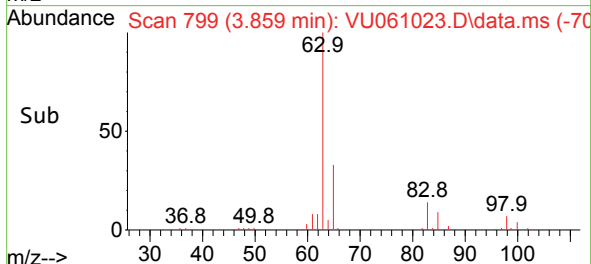
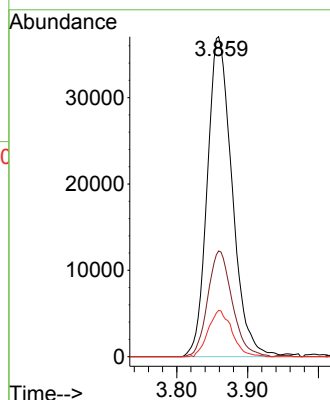
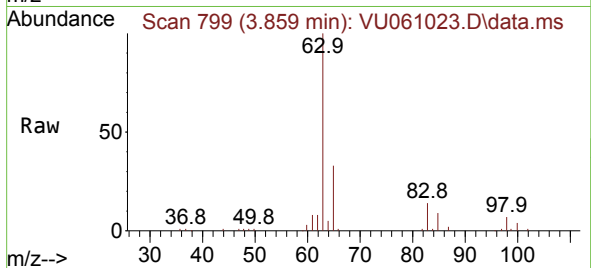
Acq: 26 Sep 2024 16:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	90152
Ion Ratio	Lower	Upper	
63	100		
65	33.9	23.0	42.8
83	14.5	9.0	16.6



#22

cis-1,2-Dichloroethene

Concen: 5.028 ug/L

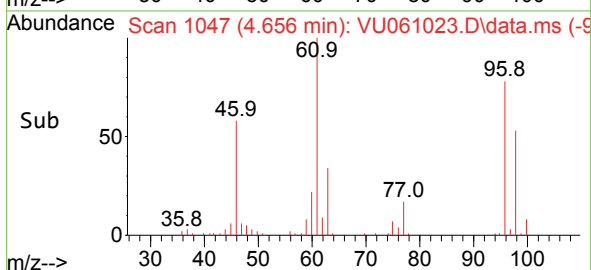
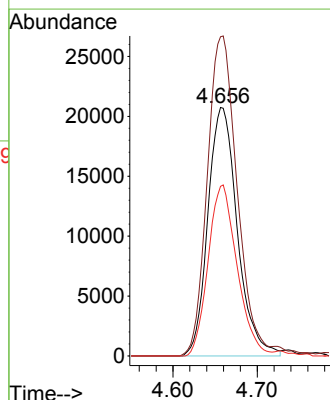
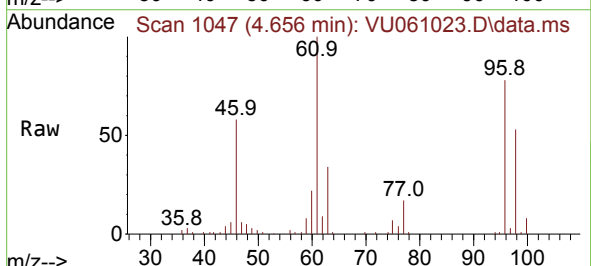
RT: 4.656 min Scan# 1047

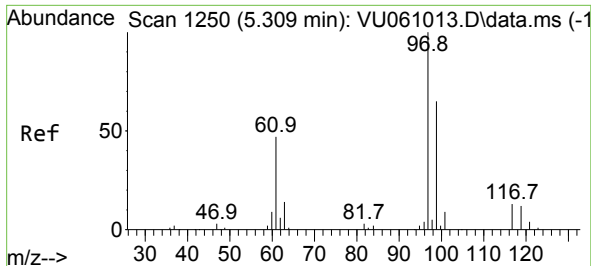
Delta R.T. 0.000 min

Lab File: VU061023.D

Acq: 26 Sep 2024 16:17

Tgt Ion:	96	Resp:	50430
Ion Ratio	Lower	Upper	
96	100		
61	128.4	89.7	166.5
98	68.2	45.1	83.9





#29

1,1,1-Trichloroethane

Concen: 1.286 ug/L

RT: 5.306 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU061023.D

Acq: 26 Sep 2024 16:17

Instrument :

MSVOA_U

ClientSampleId :

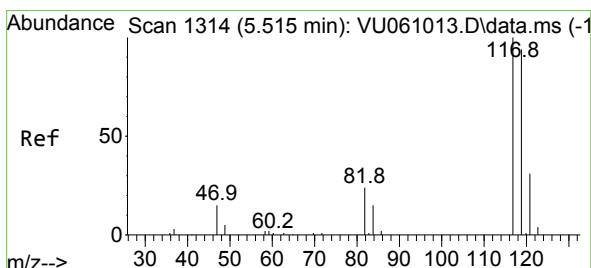
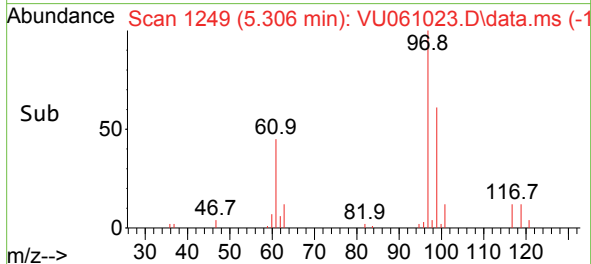
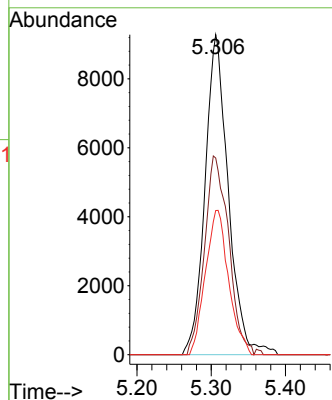
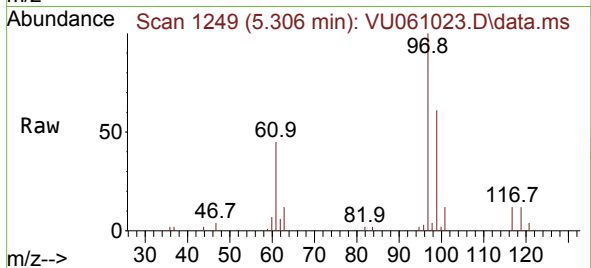
Tgt Ion: 97 Resp: 20222

Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 44.9 34.4 51.6



#31

Carbon tetrachloride

Concen: 0.185 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.206 min

Lab File: VU061023.D

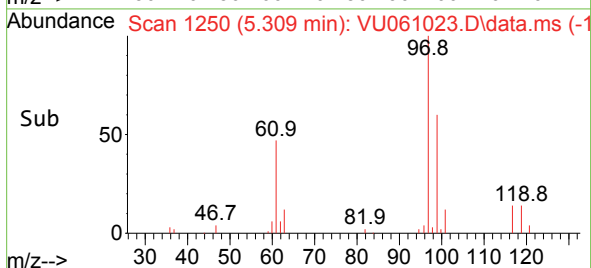
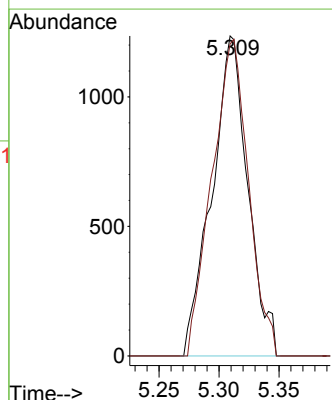
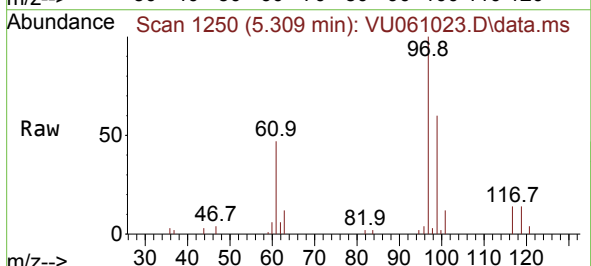
Acq: 26 Sep 2024 16:17

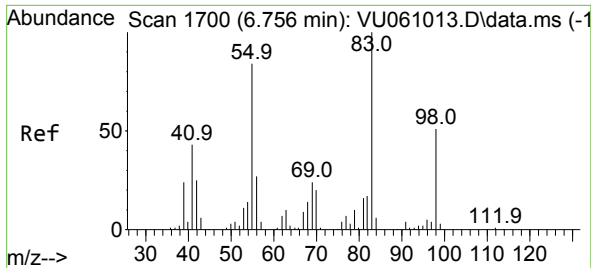
Tgt Ion: 117 Resp: 2575

Ion Ratio Lower Upper

117 100

119 100.7 76.3 114.5

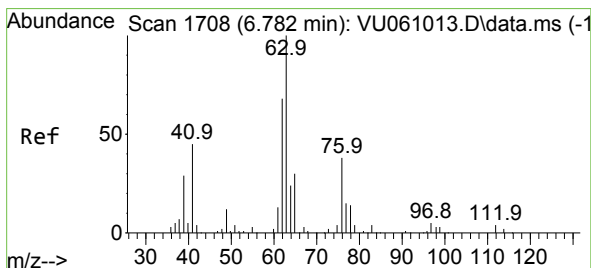
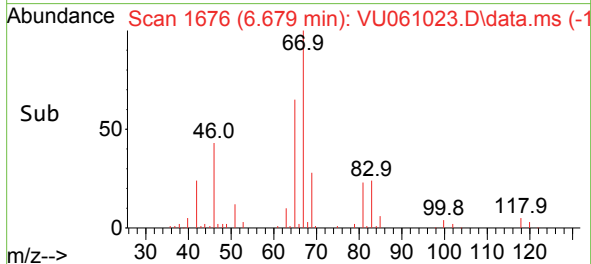
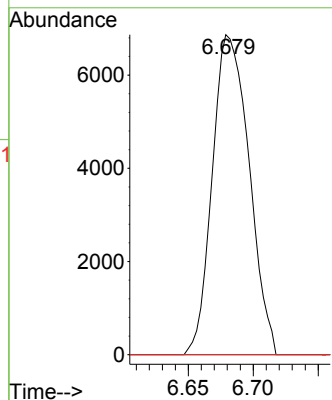
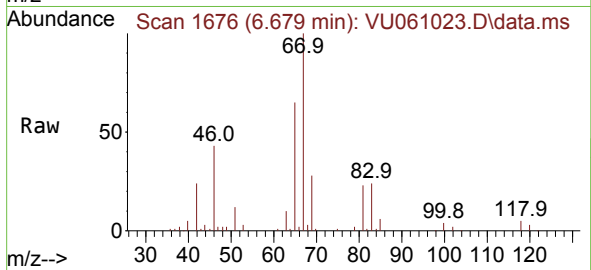




#35
Methylcyclohexane
Concen: 0.938 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU061023.D
Acq: 26 Sep 2024 16:17

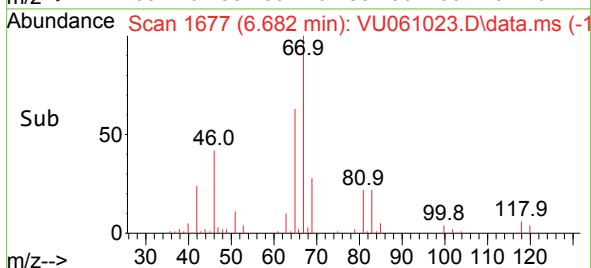
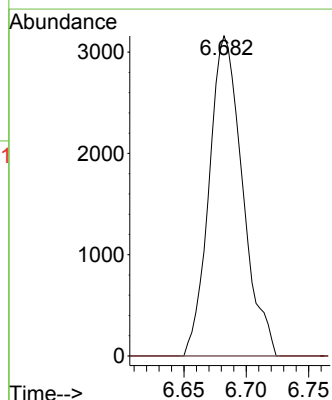
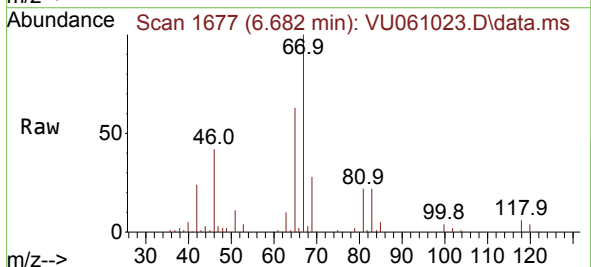
Instrument :
MSVOA_U
ClientSampleId :

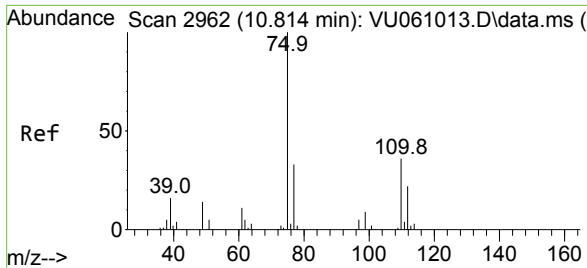
Tgt Ion: 83 Resp: 13503
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061023.D
Acq: 26 Sep 2024 16:17

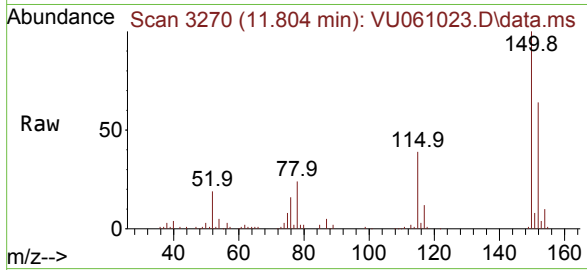
Tgt Ion: 63 Resp: 5889
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.257 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061023.D
 Acq: 26 Sep 2024 16:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6573
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.6 43.0#
 77 28.1 26.3 39.5

