

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU061000.D
 Acq On : 25 Sep 2024 13:33
 Operator : MD/SY
 Sample : P4186-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 05:38:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

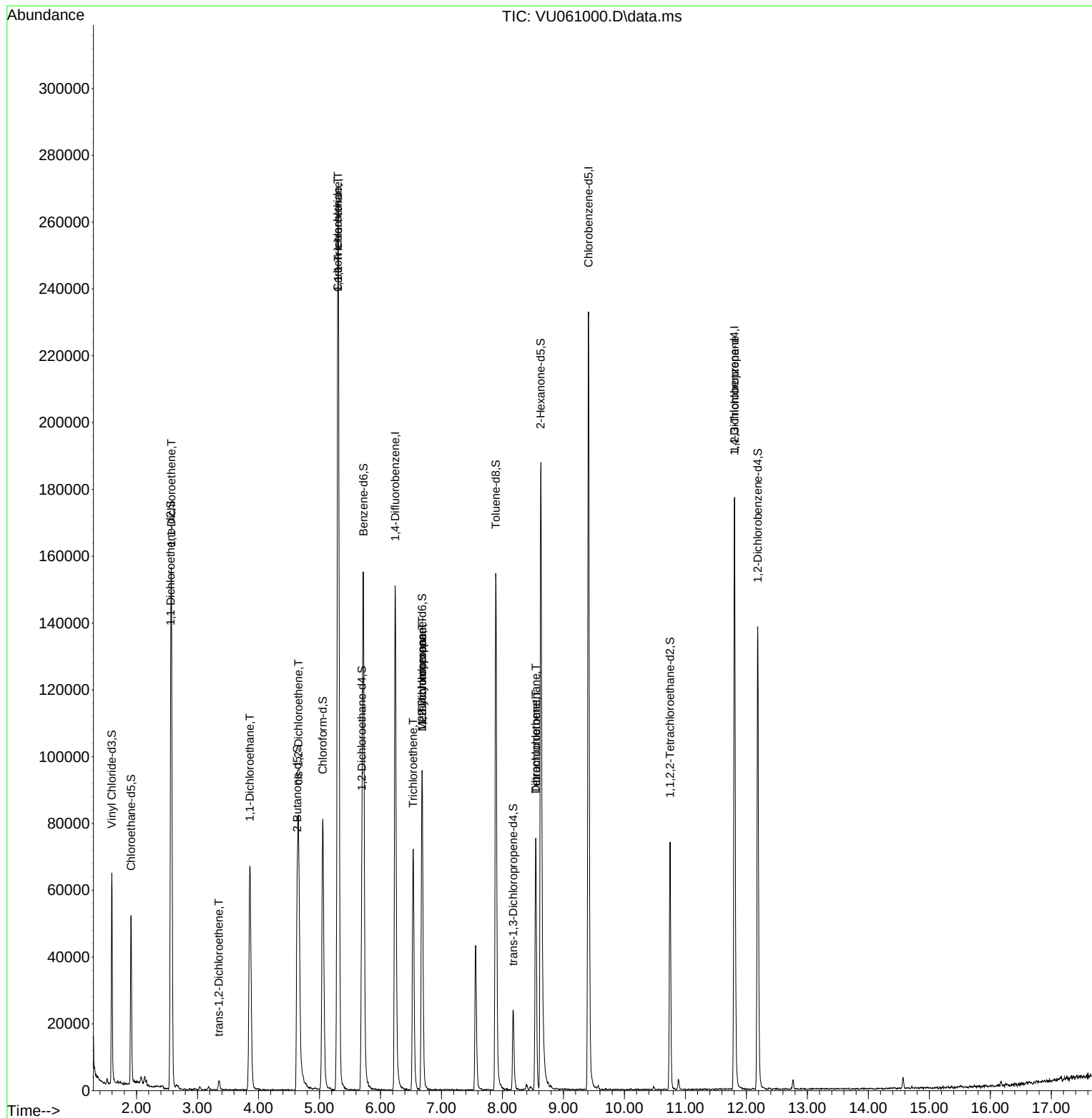
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44715	3.926	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	37609	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	16264	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.634	46	93102	50.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.820%
24) Chloroform-d	5.055	84	80827	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	42198	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.721	84	149378	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.682	67	50184	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	114133	3.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.177	79	16064	3.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.627	63	69911	43.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39694	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39079	4.559	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	37005	4.645	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	1310	0.159	ug/L	78
19) 1,1-Dichloroethane	3.859	63	81332	4.907	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	26268	2.875	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	201663	13.562	ug/L	100
31) Carbon tetrachloride	5.303	117	25881	1.966	ug/L	98
34) Trichloroethene	6.534	95	27650	2.785	ug/L	94
35) Methylcyclohexane	6.685	83	11781	0.865	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4816	0.461	ug/L #	93
47) Tetrachloroethene	8.547	164	17599	2.231	ug/L	97
49) Dibromochloromethane	8.547	129	17148	1.999	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6383	1.342	ug/L #	65

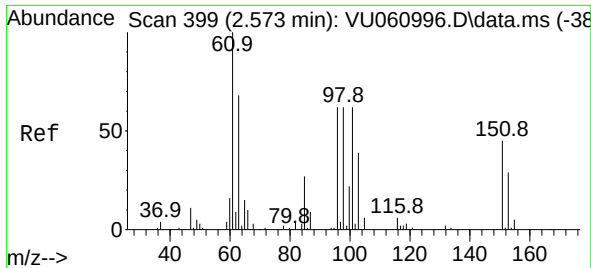
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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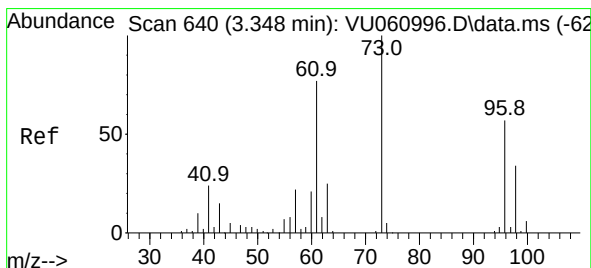
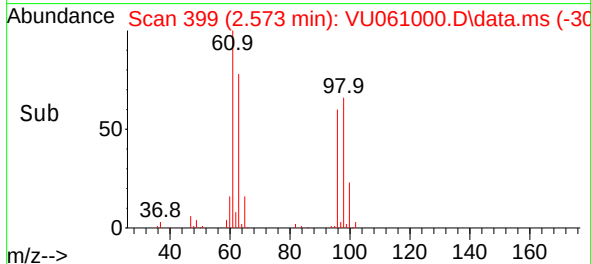
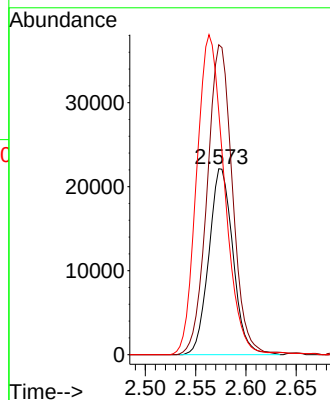
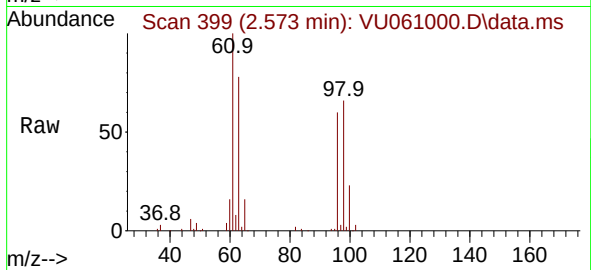




#12
1,1-Dichloroethene
Concen: 4.645 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

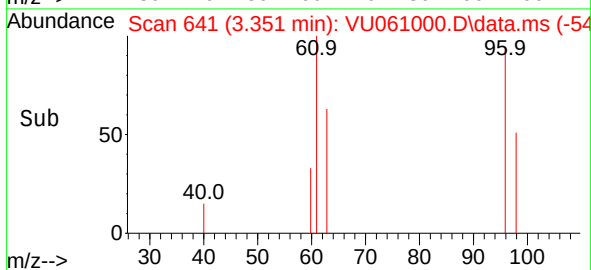
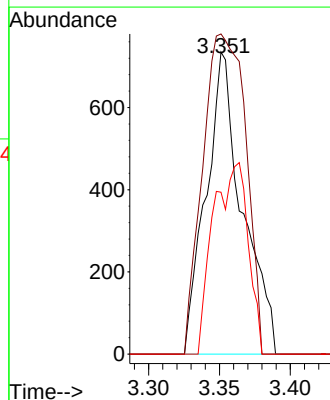
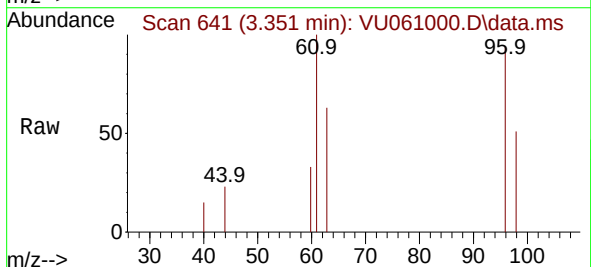
Instrument :
MSVOA_U
ClientSampleId :

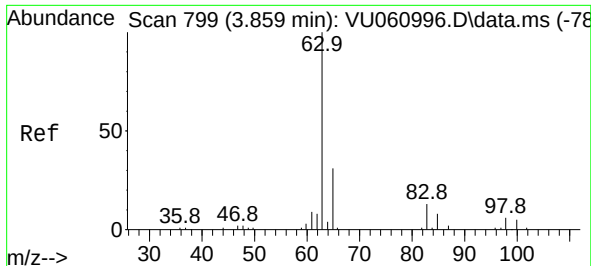
Tgt Ion: 96 Resp: 37005
Ion Ratio Lower Upper
96 100
61 166.7 120.7 224.1
63 130.8 90.0 167.2



#18
trans-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

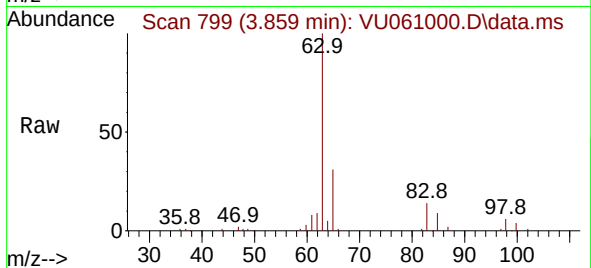
Tgt Ion: 96 Resp: 1310
Ion Ratio Lower Upper
96 100
61 106.0 97.2 180.6
98 53.6 43.3 80.5



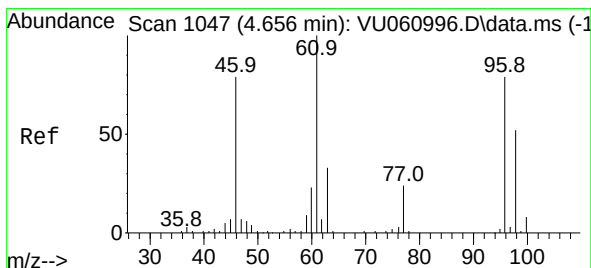
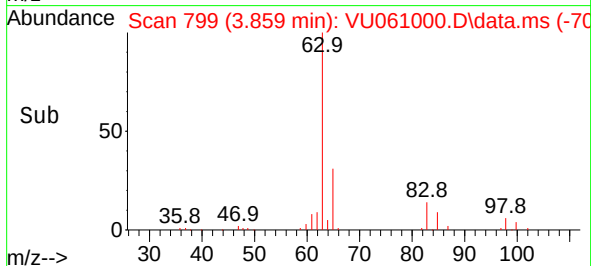
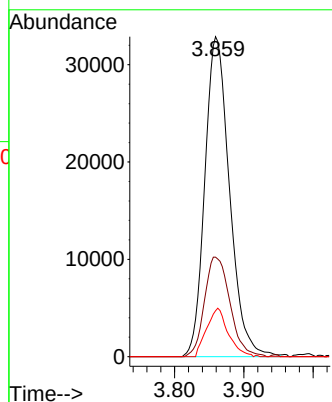


#19
1,1-Dichloroethane
Concen: 4.907 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :

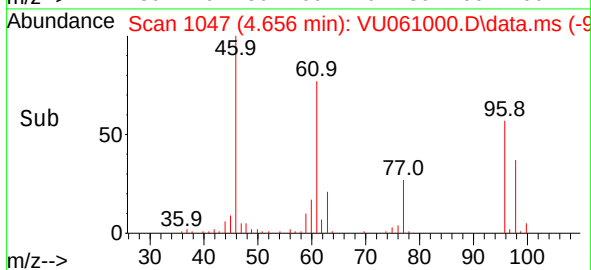
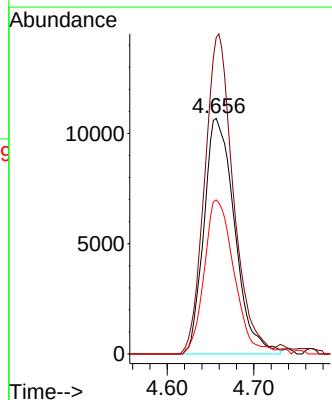
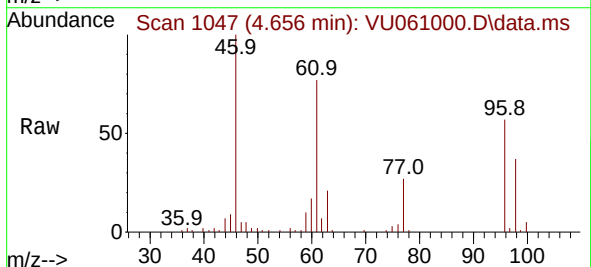


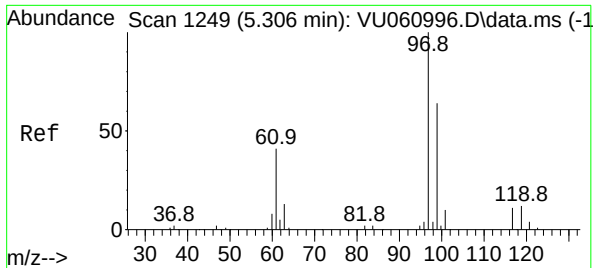
Tgt Ion:	63	Resp:	81332
Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.0	42.8
83	14.4	9.0	16.6



#22
cis-1,2-Dichloroethene
Concen: 2.875 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Tgt Ion:	96	Resp:	26268
Ion	Ratio	Lower	Upper
96	100		
61	129.6	89.7	166.5
98	64.7	45.1	83.9

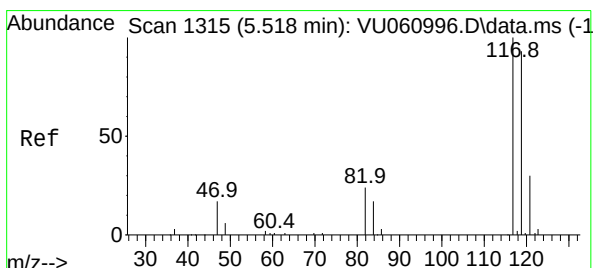
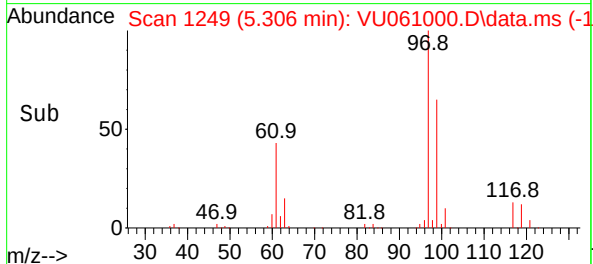
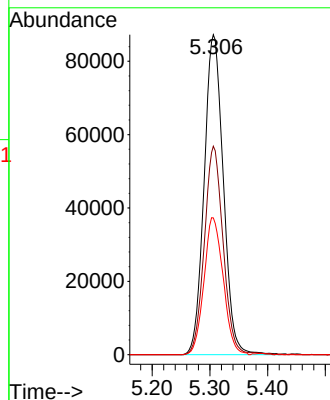
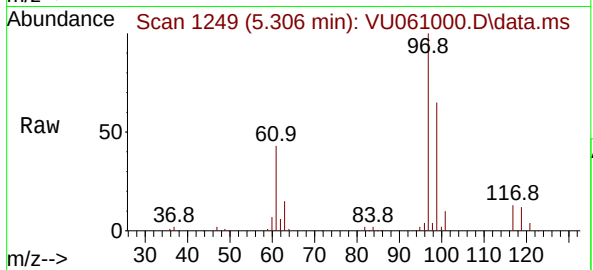




#29
1,1,1-Trichloroethane
Concen: 13.562 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

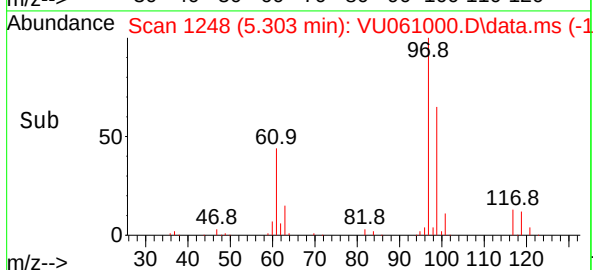
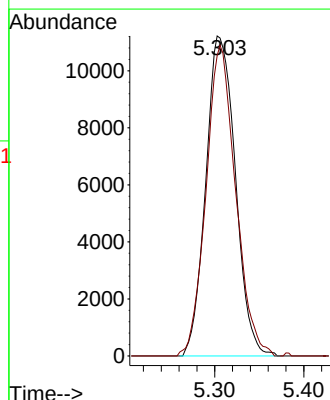
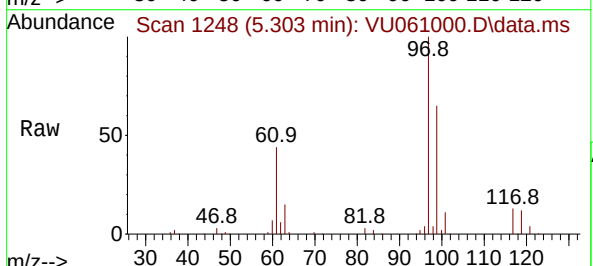
Instrument :
MSVOA_U
ClientSampleId :

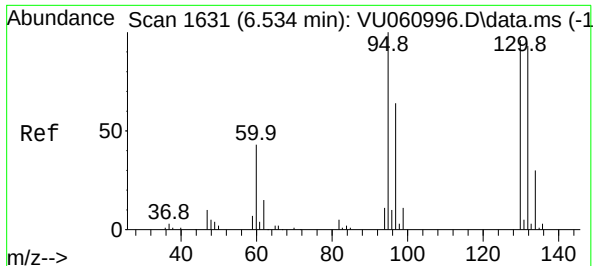
Tgt Ion: 97 Resp: 201663
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 42.7 34.4 51.6



#31
Carbon tetrachloride
Concen: 1.966 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.215 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

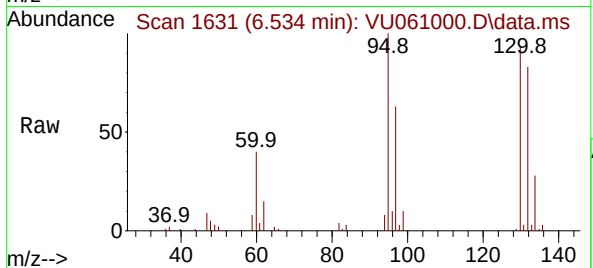
Tgt Ion: 117 Resp: 25881
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5





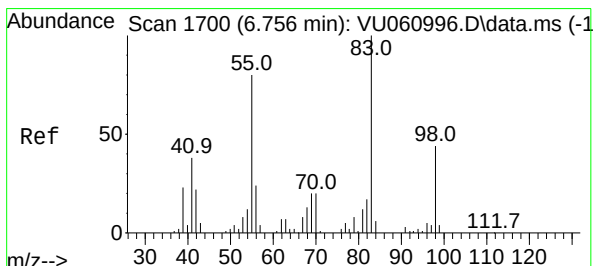
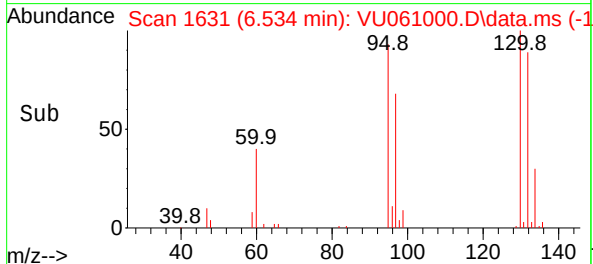
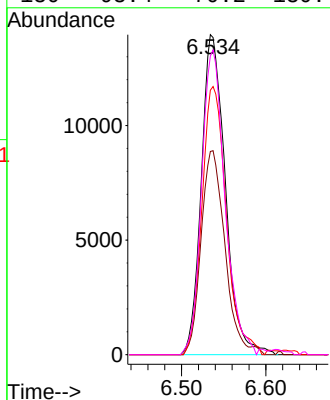
#34
Trichloroethene
Concen: 2.785 ug/L
RT: 6.534 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 27650

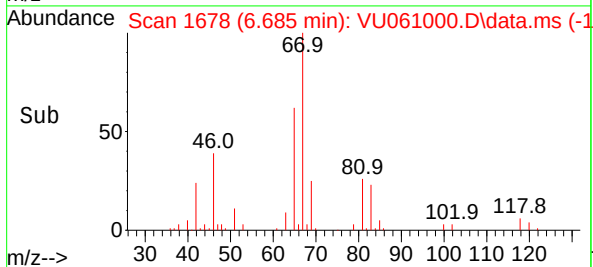
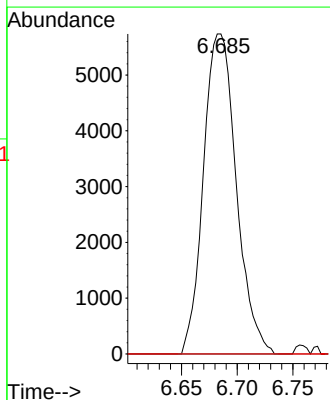
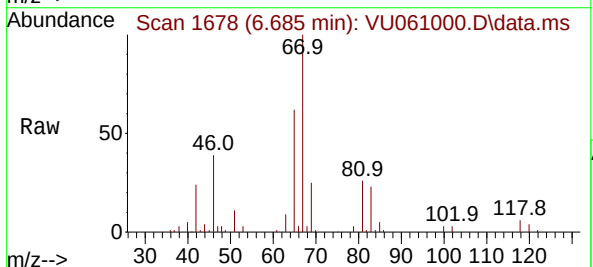
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.9	83.5
132	82.7	63.5	117.9
130	93.4	70.2	130.4

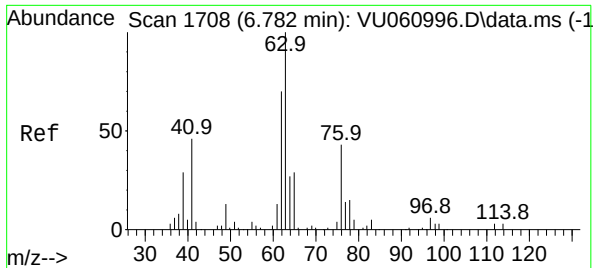


#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Tgt Ion: 83 Resp: 11781

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	2.6	37.6	56.4#

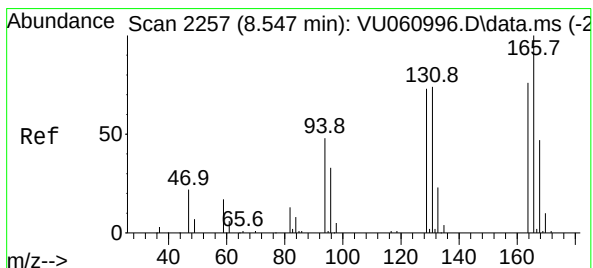
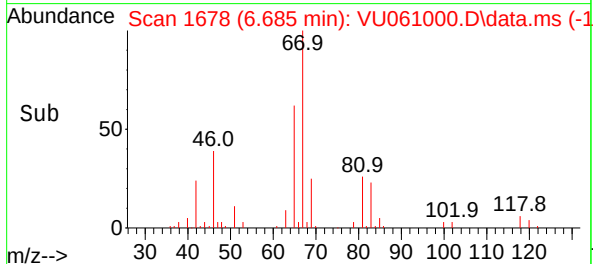
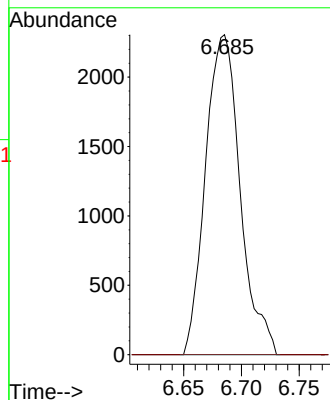
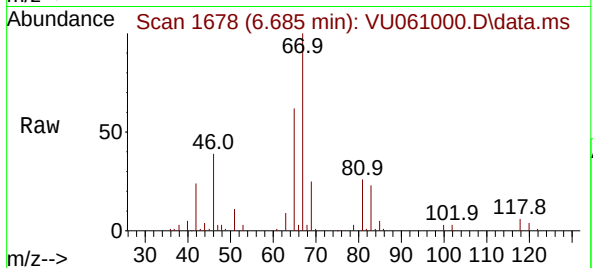




#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

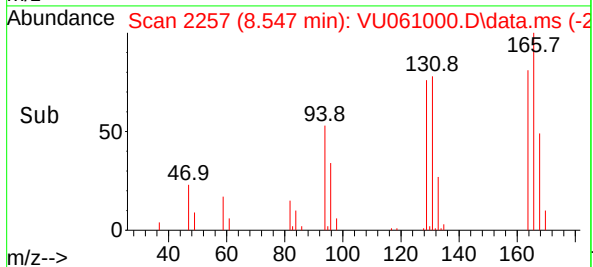
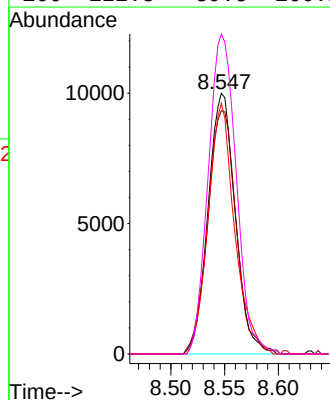
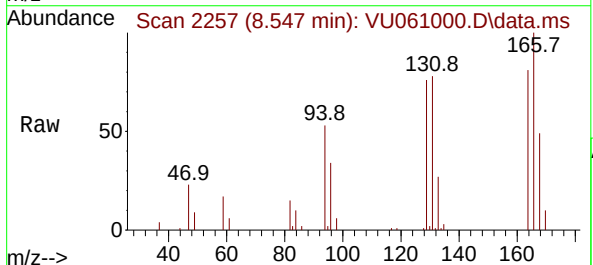
Instrument :
MSVOA_U
ClientSampleId :

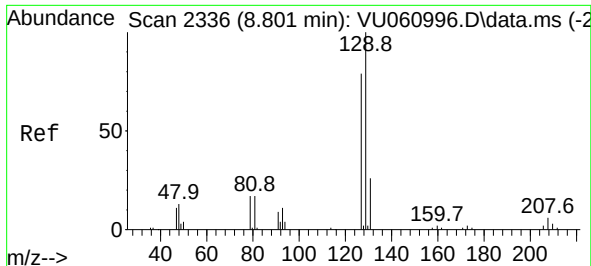
Tgt Ion: 63 Resp: 4816
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 2.231 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Tgt Ion:164 Resp: 17599
Ion Ratio Lower Upper
164 100
129 93.4 67.3 124.9
131 96.1 65.4 121.4
166 122.8 89.5 166.1





#49

Dibromochloromethane

Concen: 1.999 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061000.D

Acq: 25 Sep 2024 13:33

Instrument :

MSVOA_U

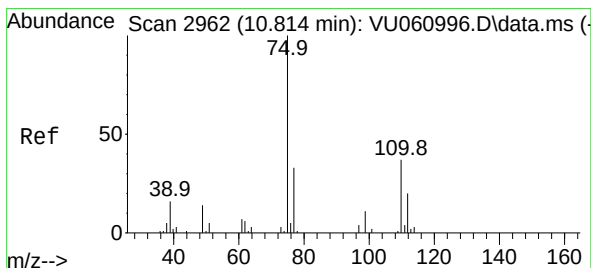
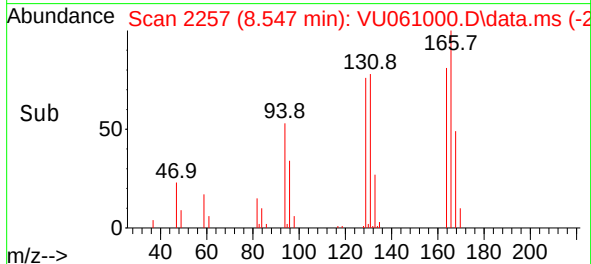
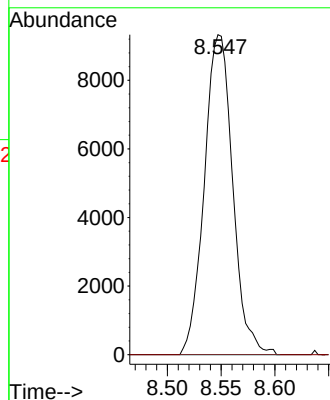
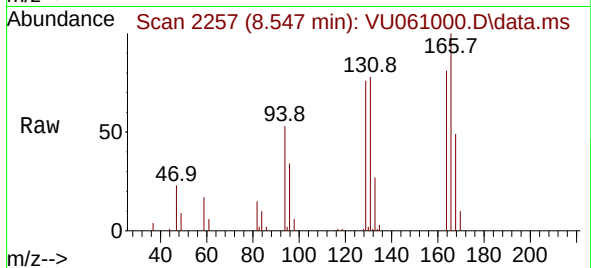
ClientSampleId :

Tgt Ion:129 Resp: 17148

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.342 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU061000.D

Acq: 25 Sep 2024 13:33

Tgt Ion: 75 Resp: 6383

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 36.2 26.3 39.5

