

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081424\
 Data File : VU060452.D
 Acq On : 14 Aug 2024 14:36
 Operator : MD/SY
 Sample : P3583-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 17:17:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

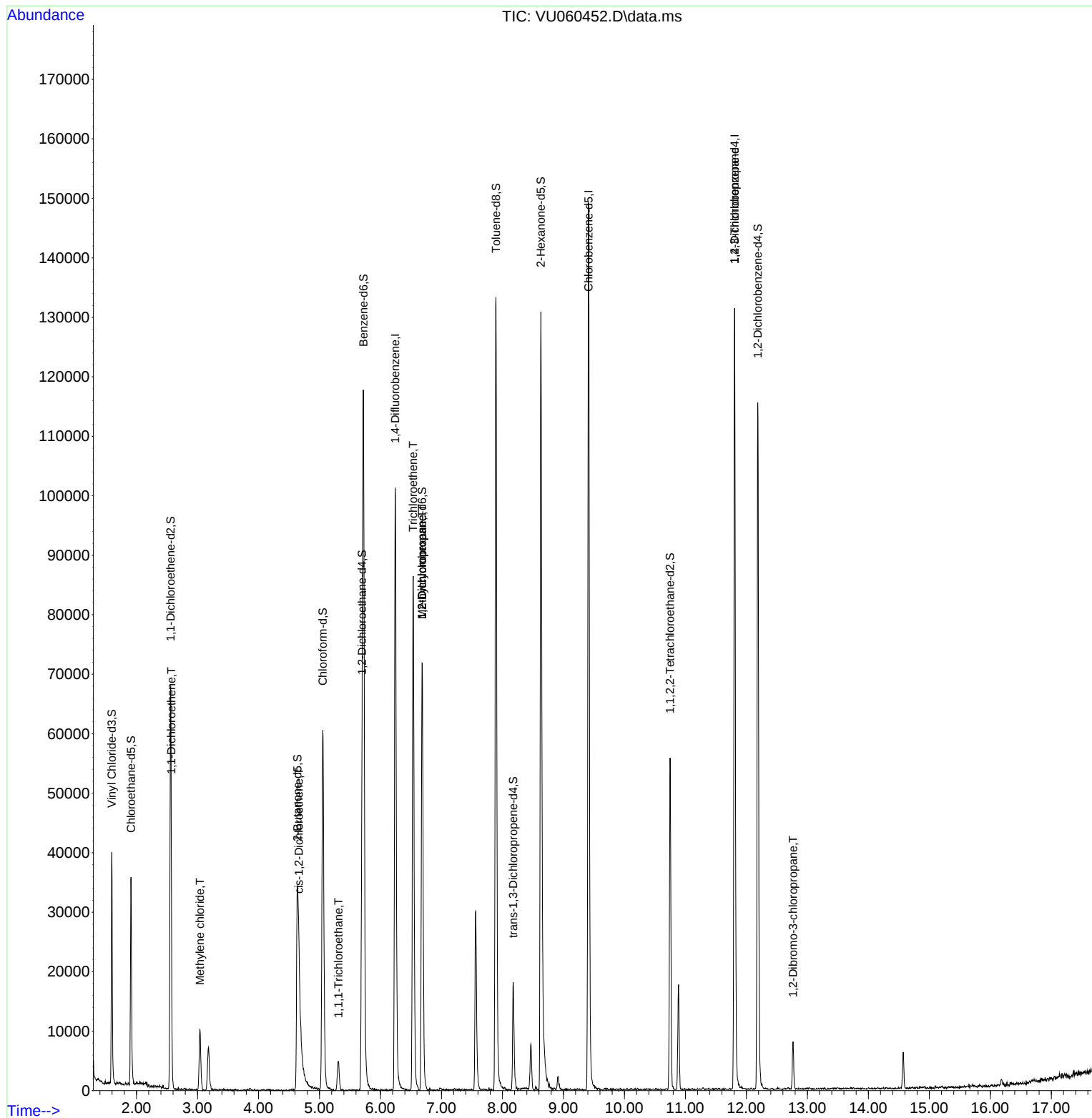
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	39063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28055	4.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.911	69	26337	4.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	12706	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.637	46	61441	41.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.900%
24) Chloroform-d	5.055	84	59491	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.698	65	29969	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	115263	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.685	67	38308	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.894	98	96319	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	11772	4.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.630	63	48168	39.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28761	4.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	33977	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1077	0.186	ug/L #	1
16) Methylene chloride	3.039	84	5348	0.649	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	2761	0.402	ug/L	86
29) 1,1,1-Trichloroethane	5.312	97	4340	0.436	ug/L	97
34) Trichloroethene	6.537	95	30727	4.479	ug/L	99
35) Methylcyclohexane	6.682	83	9038	1.009	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3683	0.516	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	4102	1.085	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.765	75	116	0.164	ug/L #	1

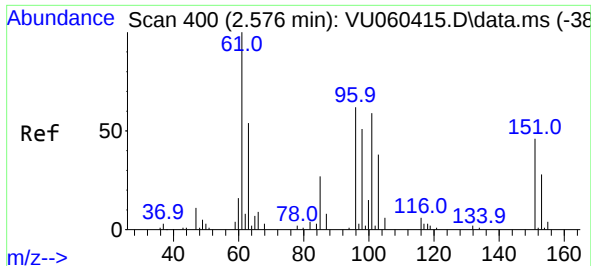
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 14 01:18:59 2024
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#12

1,1-Dichloroethene

Concen: 0.186 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU060452.D

Acq: 14 Aug 2024 14:36

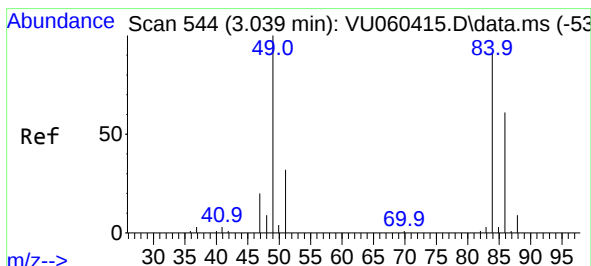
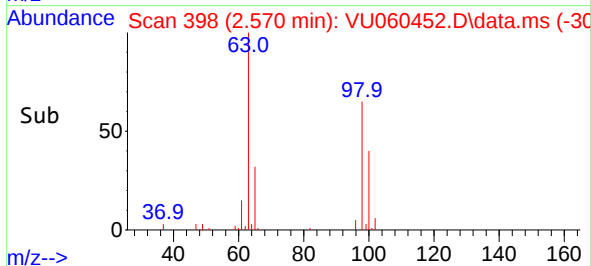
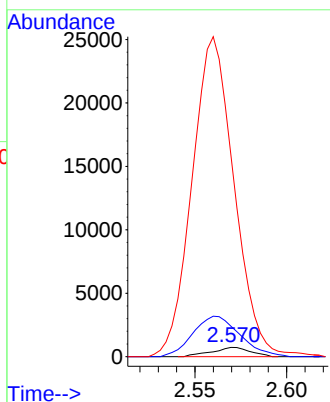
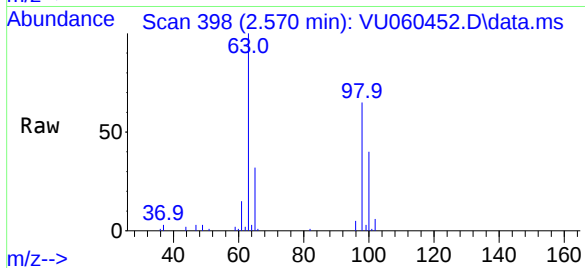
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1077

Ion	Ratio	Lower	Upper
96	100		
61	327.2	114.4	212.4#
63	2156.1	96.0	178.4#



#16

Methylene chloride

Concen: 0.649 ug/L

RT: 3.039 min Scan# 544

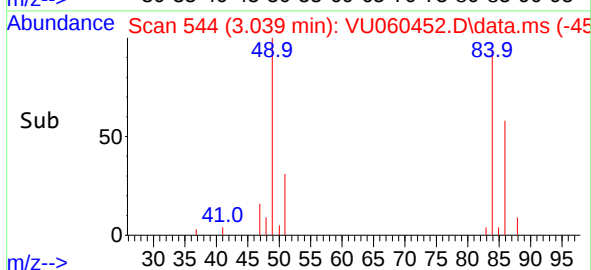
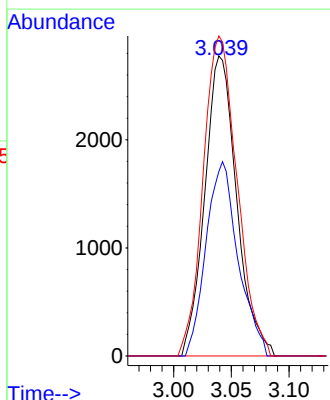
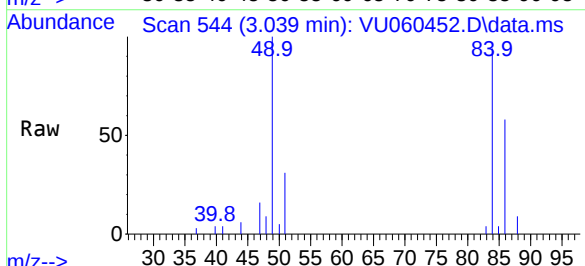
Delta R.T. 0.000 min

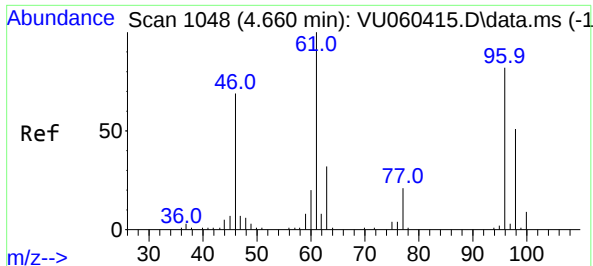
Lab File: VU060452.D

Acq: 14 Aug 2024 14:36

Tgt Ion: 84 Resp: 5348

Ion	Ratio	Lower	Upper
84	100		
86	61.5	47.1	87.5
49	106.7	73.9	137.3



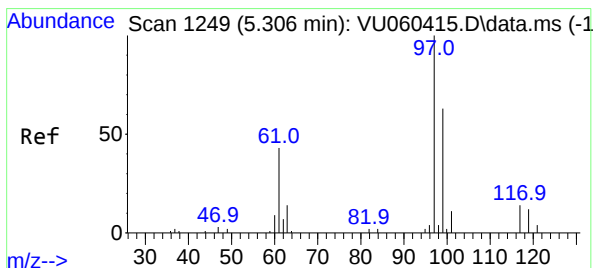
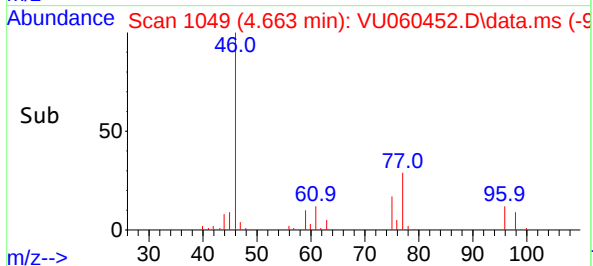
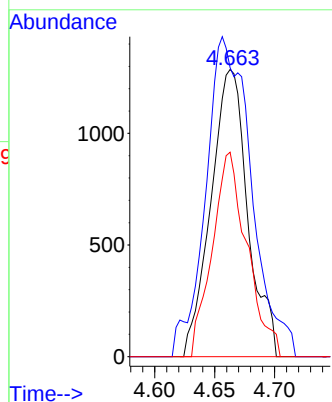
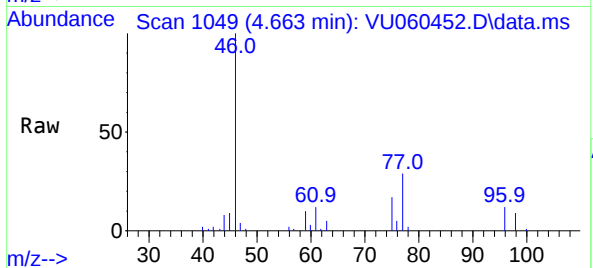


#22
 cis-1,2-Dichloroethene
 Concen: 0.402 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU060452.D
 Acq: 14 Aug 2024 14:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 2761

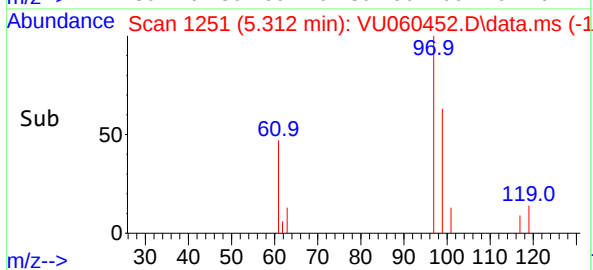
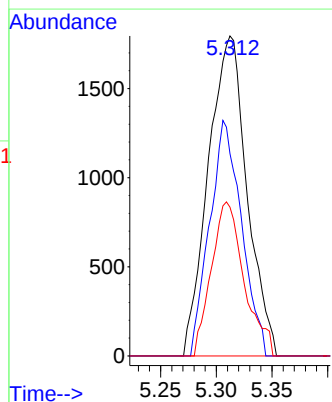
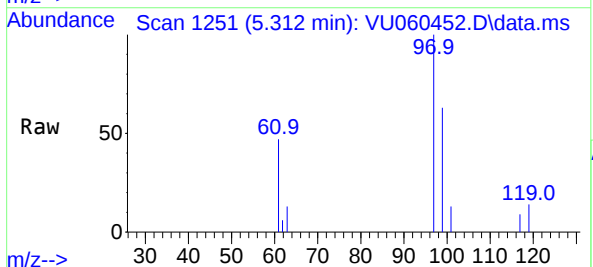
Ion	Ratio	Lower	Upper
96	100		
61	100.6	81.5	151.5
98	71.2	43.5	80.7

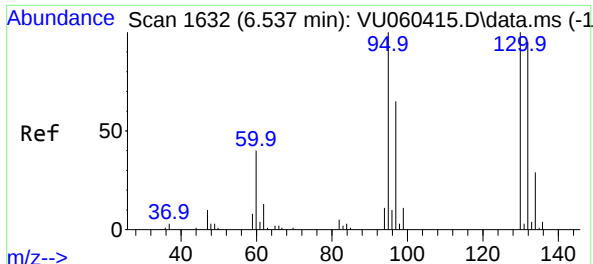


#29
 1,1,1-Trichloroethane
 Concen: 0.436 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. 0.006 min
 Lab File: VU060452.D
 Acq: 14 Aug 2024 14:36

Tgt Ion: 97 Resp: 4340

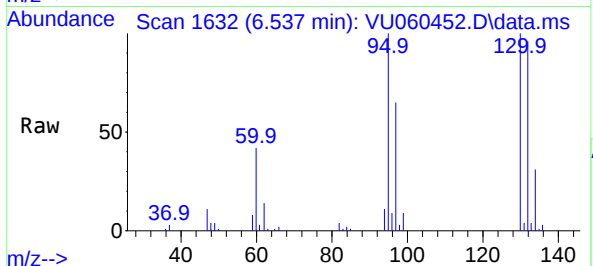
Ion	Ratio	Lower	Upper
97	100		
99	60.7	51.4	77.2
61	40.8	33.0	49.6



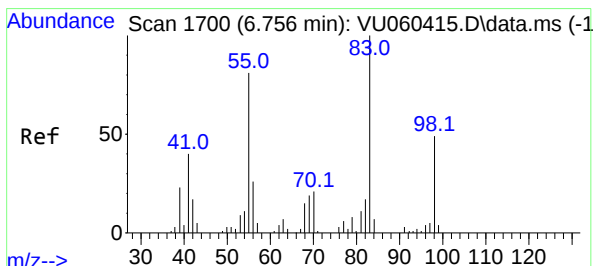
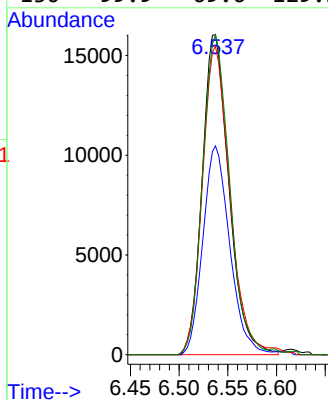
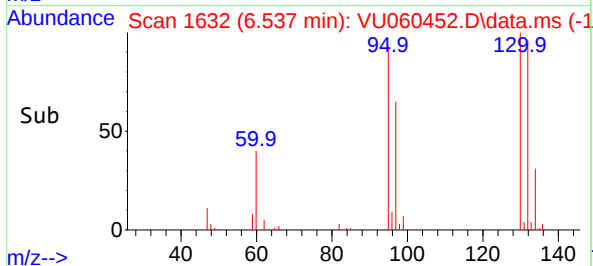


#34
Trichloroethene
Concen: 4.479 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060452.D
Acq: 14 Aug 2024 14:36

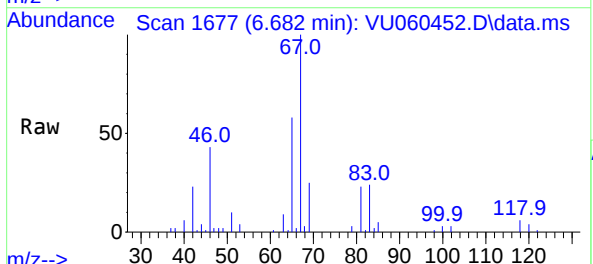
Instrument :
MSVOA_U
ClientSampleId :



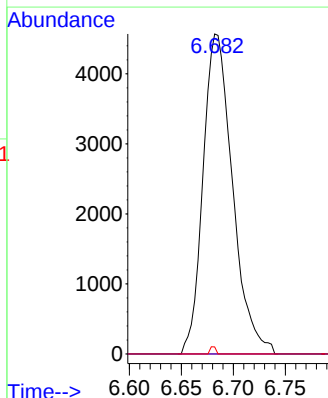
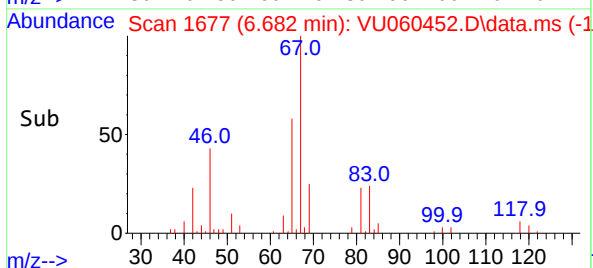
Tgt Ion: 95 Resp: 30727
Ion Ratio Lower Upper
95 100
97 65.3 43.6 81.0
132 96.4 67.1 124.5
130 99.9 69.6 129.2

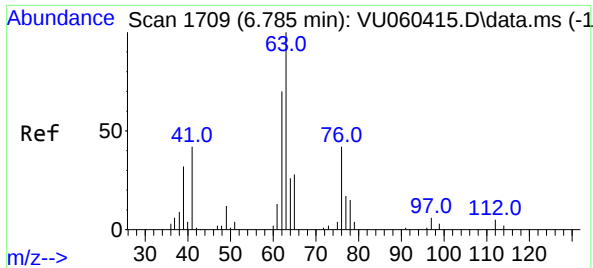


#35
Methylcyclohexane
Concen: 1.009 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060452.D
Acq: 14 Aug 2024 14:36



Tgt Ion: 83 Resp: 9038
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.4 37.3 55.9#

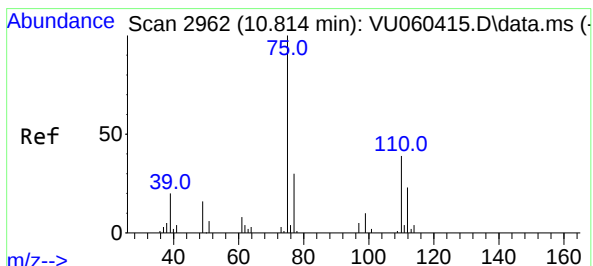
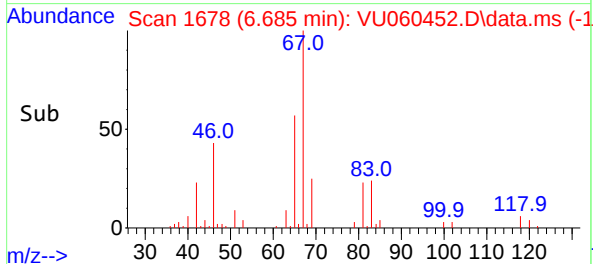
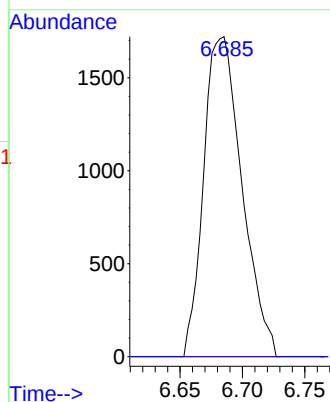
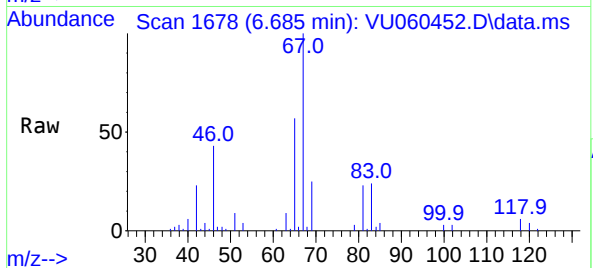




#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU060452.D
Acq: 14 Aug 2024 14:36

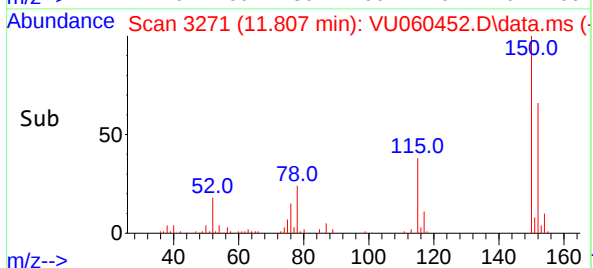
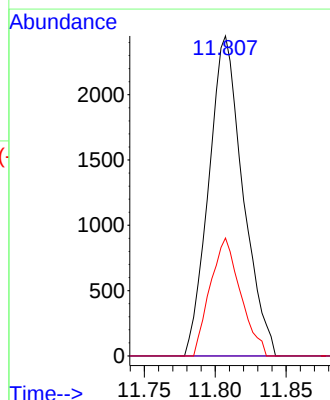
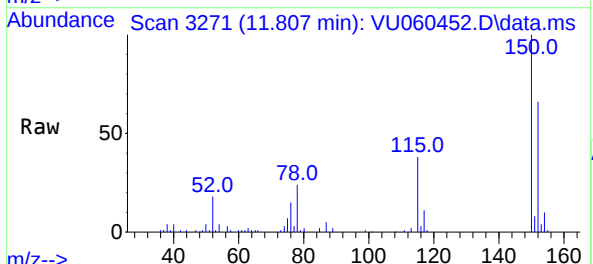
Instrument :
MSVOA_U
ClientSampleId :

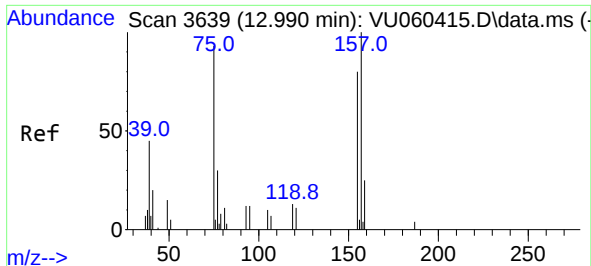
Tgt Ion: 63 Resp: 3683
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.085 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU060452.D
Acq: 14 Aug 2024 14:36

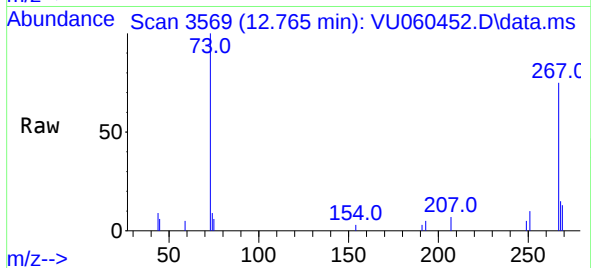
Tgt Ion: 75 Resp: 4102
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 32.7 27.0 40.6





#68
1,2-Dibromo-3-chloropropane
Concen: 0.164 ug/L
RT: 12.765 min Scan# 31
Delta R.T. -0.225 min
Lab File: VU060452.D
Acq: 14 Aug 2024 14:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	116
Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.3	96.5#
157	0.0	88.0	132.0#

