

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061475.D
 Acq On : 06 Nov 2024 01:26
 Operator : MD/SY
 Sample : P4689-22
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 03:41:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 00:52:59 2024
 Response via : Initial Calibration

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

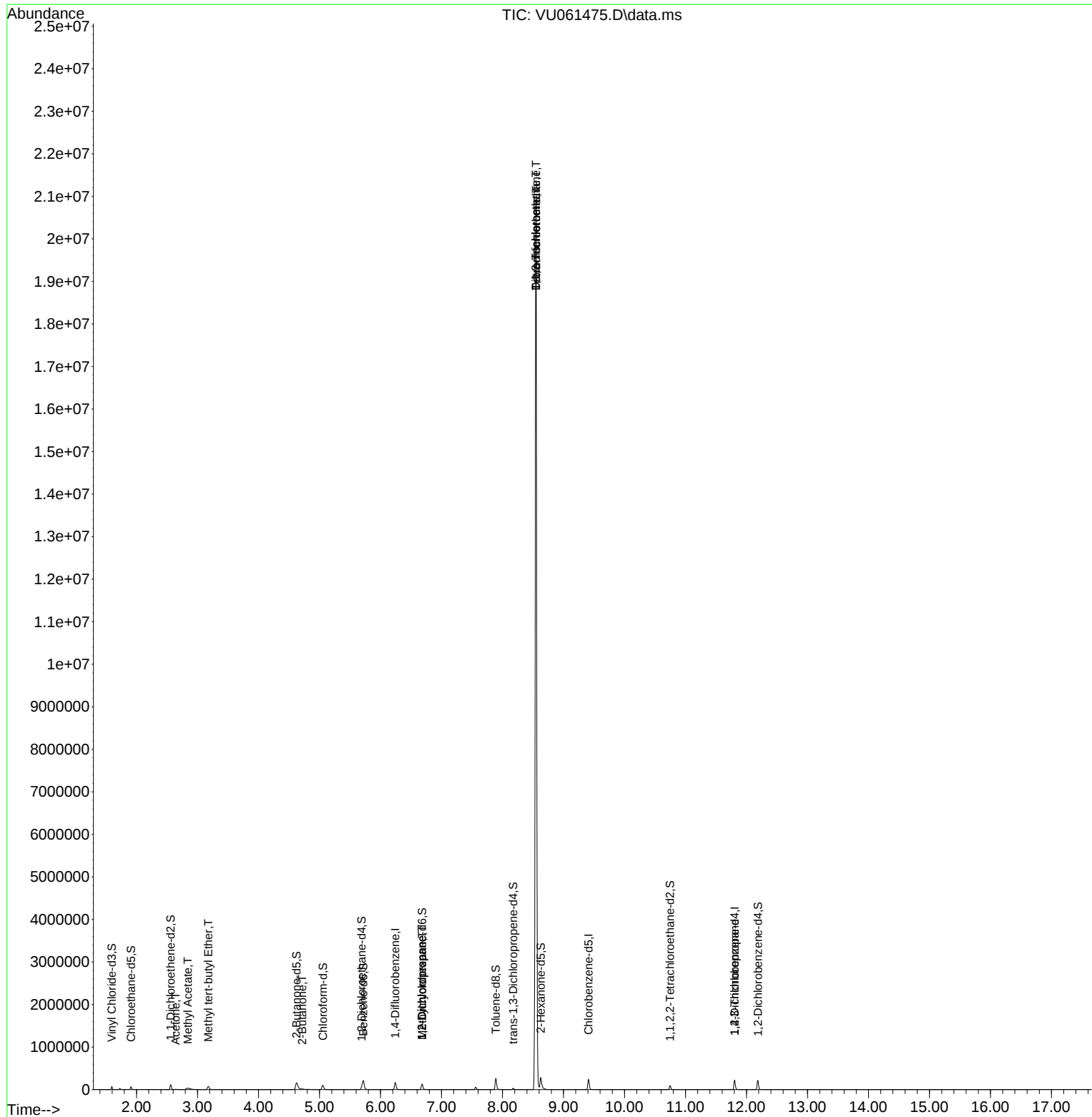
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145326	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	138250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47446	4.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	47907	5.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.560	65	21920	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.624	46	113393	56.574	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.140%
24) Chloroform-d	5.055	84	97741	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.692	65	51544	5.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.718	84	207070	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.682	67	63405	5.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.891	98	184144	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.174	79	19692	4.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.627	63	96505	49.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47851	5.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	60317	5.517	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						Qvalue
13) Acetone	2.640	43	11495	9.055	ug/L	95
15) Methyl Acetate	2.840	43	25348	8.064	ug/L #	47
17) Methyl tert-butyl Ether	3.177	73	2506	0.108	ug/L #	1
21) 2-Butanone	4.718	43	15087	7.497	ug/L	91
35) Methylcyclohexane	6.682	83	14199	0.767	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	6802	0.628	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	39364	5.047	ug/L #	1
47) Tetrachloroethene	8.550	164	4345783	534.990	ug/L	100
49) Dibromochloromethane	8.550	129	4386820	495.922	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	7614	1.238	ug/L #	69

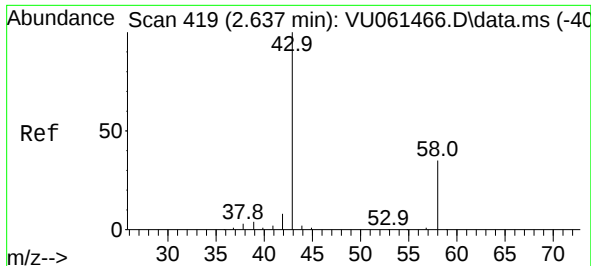
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.055 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061475.D

Acq: 06 Nov 2024 01:26

Instrument :

MSVOA_U

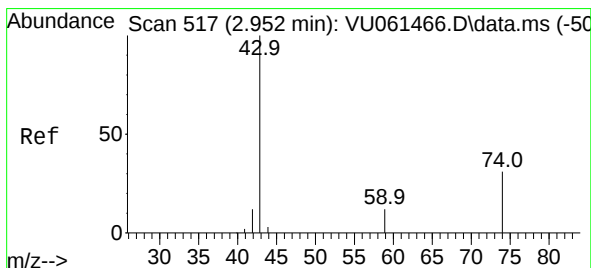
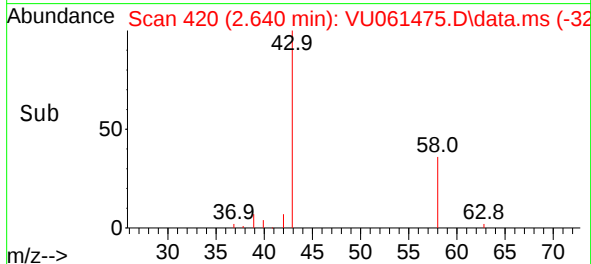
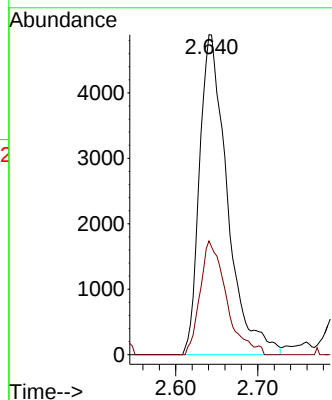
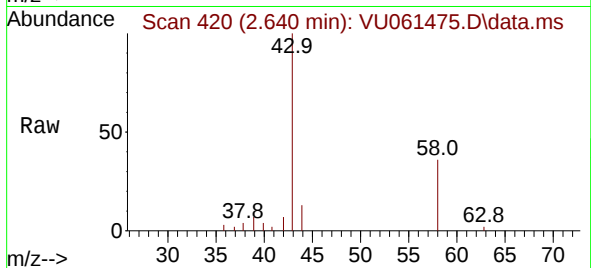
ClientSampleId :

Tgt Ion: 43 Resp: 11495

Ion Ratio Lower Upper

43 100

58 33.6 0.0 73.2



#15

Methyl Acetate

Concen: 8.064 ug/L

RT: 2.840 min Scan# 482

Delta R.T. -0.113 min

Lab File: VU061475.D

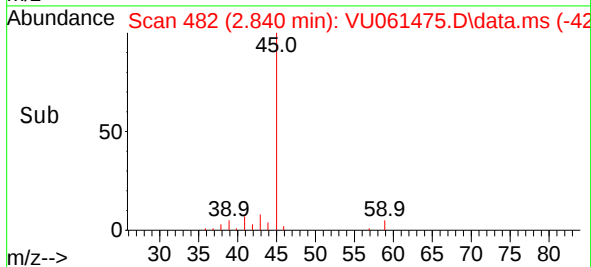
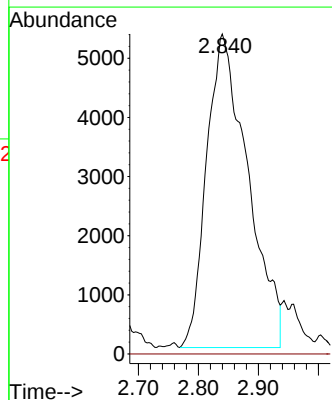
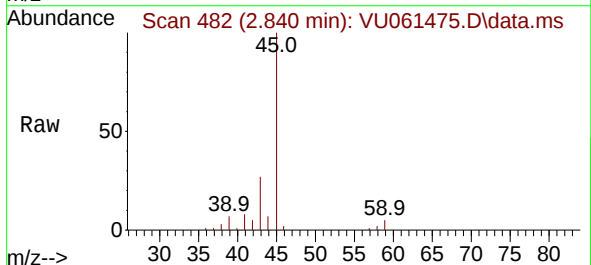
Acq: 06 Nov 2024 01:26

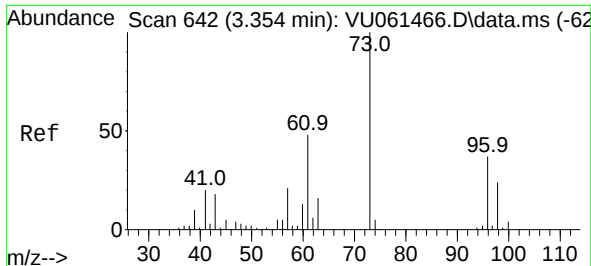
Tgt Ion: 43 Resp: 25348

Ion Ratio Lower Upper

43 100

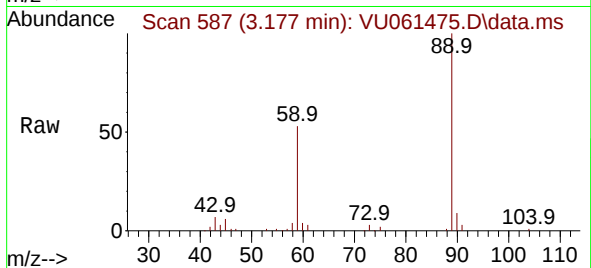
74 0.0 22.2 33.4#



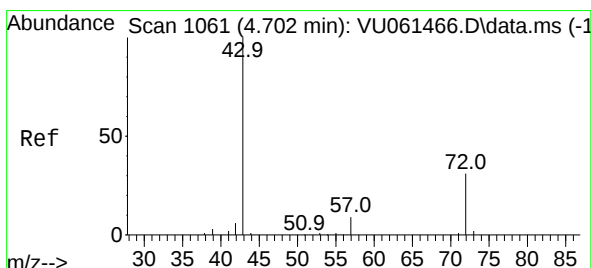
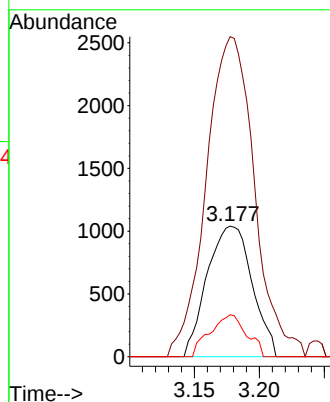
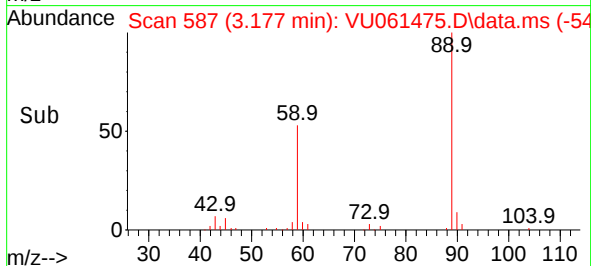


#17
Methyl tert-butyl Ether
Concen: 0.108 ug/L
RT: 3.177 min Scan# 51
Delta R.T. -0.177 min
Lab File: VU061475.D
Acq: 06 Nov 2024 01:26

Instrument :
MSVOA_U
ClientSampleId :

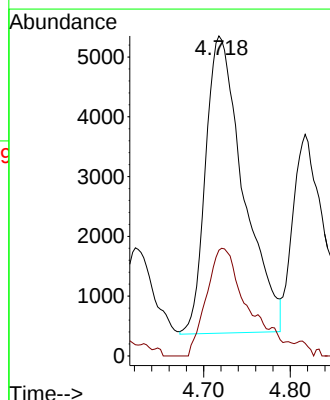
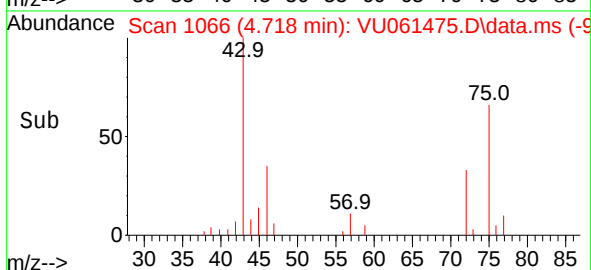
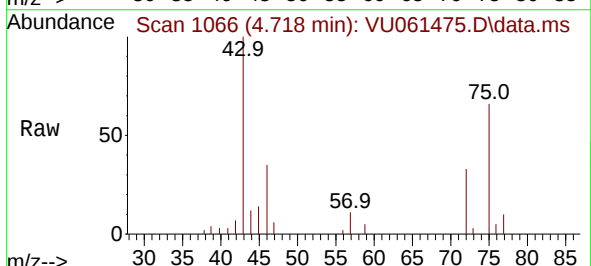


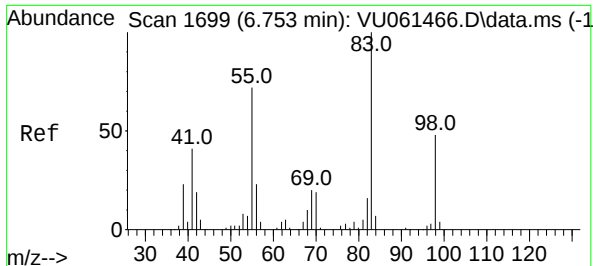
Tgt Ion: 73 Resp: 2506
Ion Ratio Lower Upper
73 100
43 262.0 15.0 22.4#
57 26.2 17.0 25.6#



#21
2-Butanone
Concen: 7.497 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.016 min
Lab File: VU061475.D
Acq: 06 Nov 2024 01:26

Tgt Ion: 43 Resp: 15087
Ion Ratio Lower Upper
43 100
72 36.9 15.9 47.6

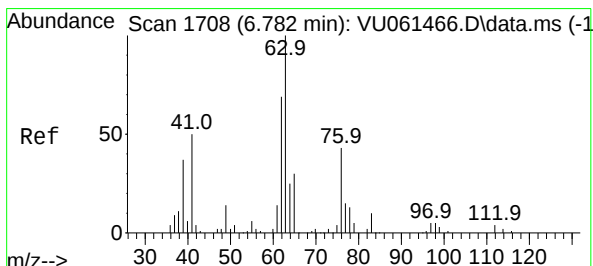
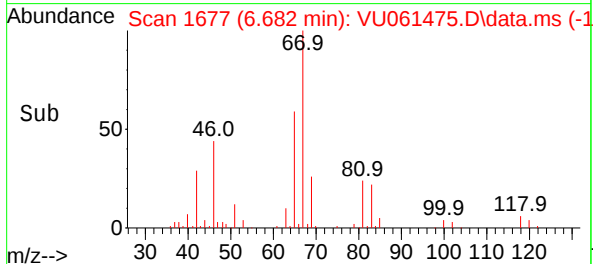
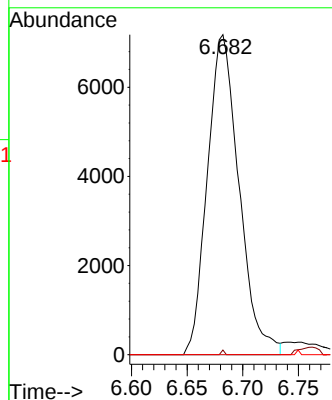
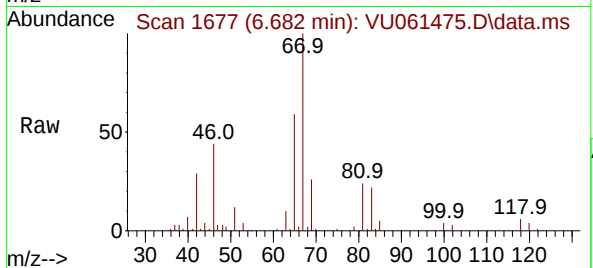




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061475.D
Acq: 06 Nov 2024 01:26

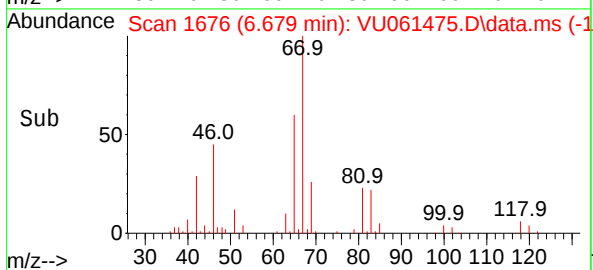
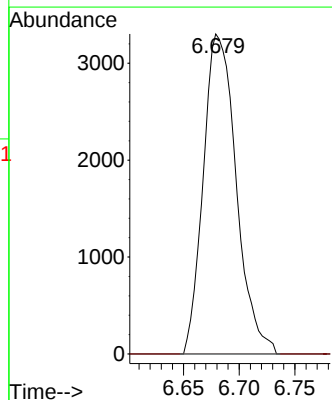
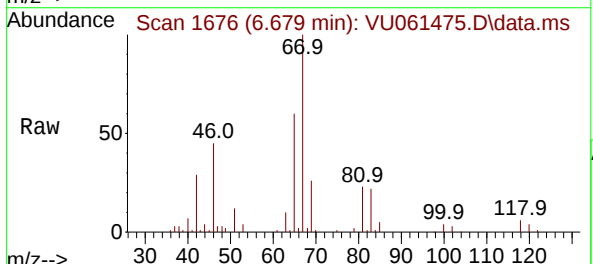
Instrument :
MSVOA_U
ClientSampleId :

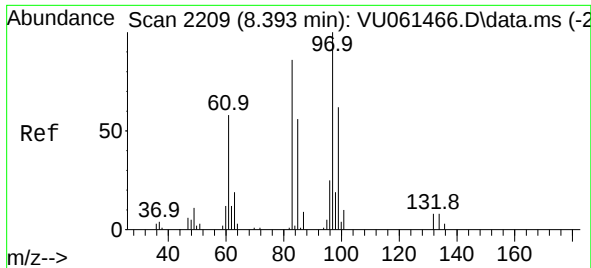
Tgt Ion: 83 Resp: 14199
Ion Ratio Lower Upper
83 100
55 0.1 55.9 83.9#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU061475.D
Acq: 06 Nov 2024 01:26

Tgt Ion: 63 Resp: 6802
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



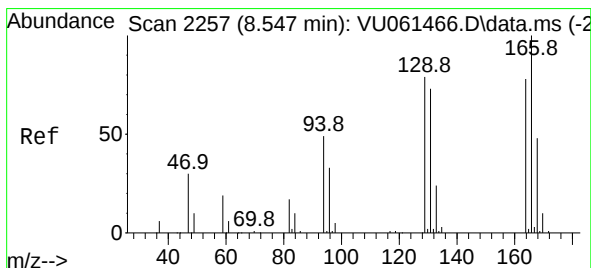
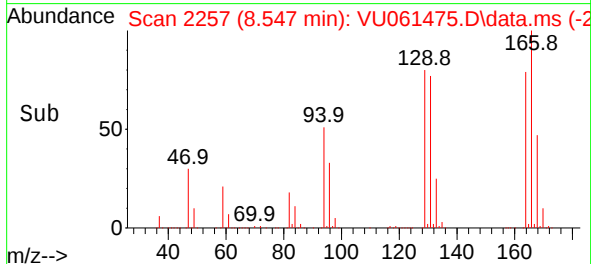
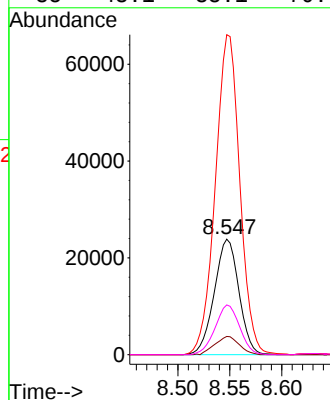
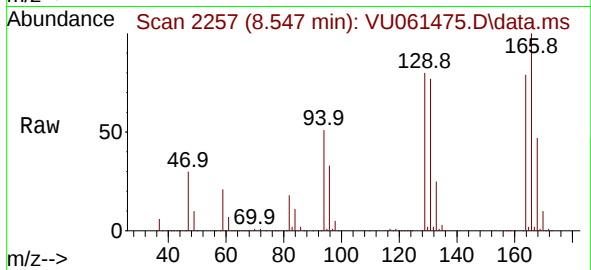


#45
1,1,2-Trichloroethane
Concen: 5.047 ug/L
RT: 8.547 min Scan# 2209
Delta R.T. 0.154 min
Lab File: VU061475.D
Acq: 06 Nov 2024 01:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 39364

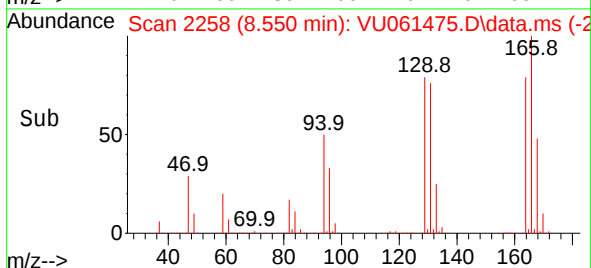
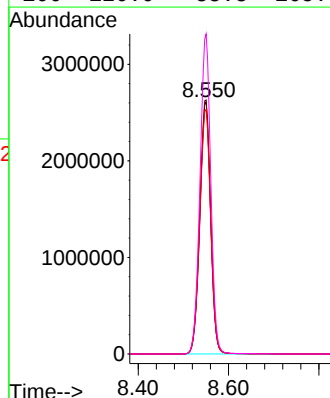
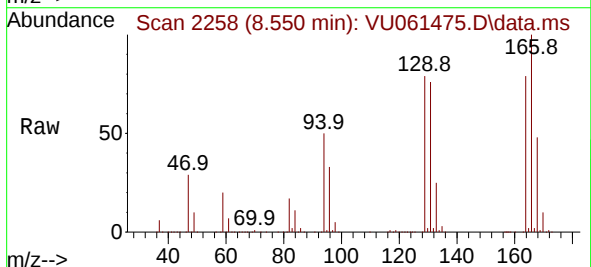
Ion	Ratio	Lower	Upper
97	100		
99	15.8	44.1	81.9#
83	277.2	61.2	113.6#
85	43.1	38.1	70.7

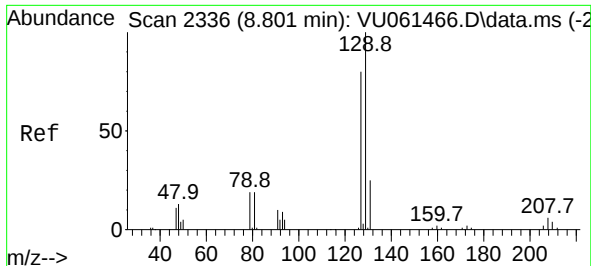


#47
Tetrachloroethene
Concen: 534.990 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU061475.D
Acq: 06 Nov 2024 01:26

Tgt Ion:164 Resp: 4345783

Ion	Ratio	Lower	Upper
164	100		
129	100.8	69.9	129.7
131	96.9	68.3	126.8
166	126.9	88.8	165.0





#49

Dibromochloromethane

Concen: 495.922 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU061475.D

Acq: 06 Nov 2024 01:26

Instrument :

MSVOA_U

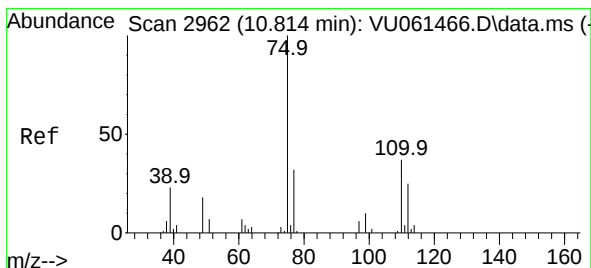
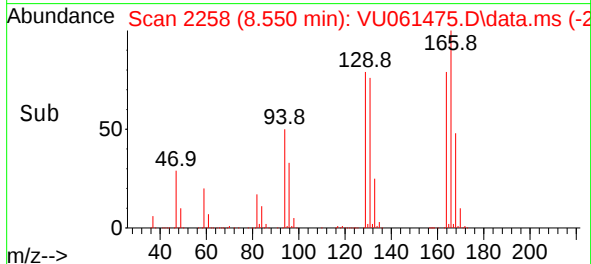
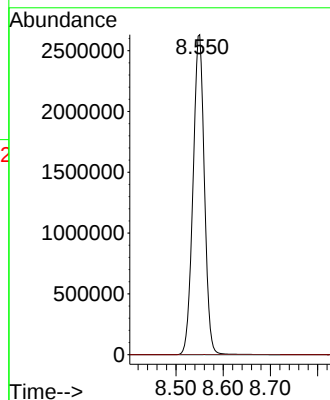
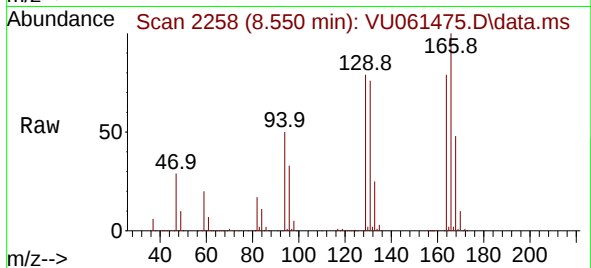
ClientSampleId :

Tgt Ion:129 Resp: 4386820

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.238 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061475.D

Acq: 06 Nov 2024 01:26

Tgt Ion: 75 Resp: 7614

Ion Ratio Lower Upper

75 100

110 2.0 28.8 43.2#

77 32.5 25.7 38.5

