

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062475.D
 Acq On : 19 Dec 2024 15:08
 Operator : MD/SY
 Sample : P5309-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:39:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

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

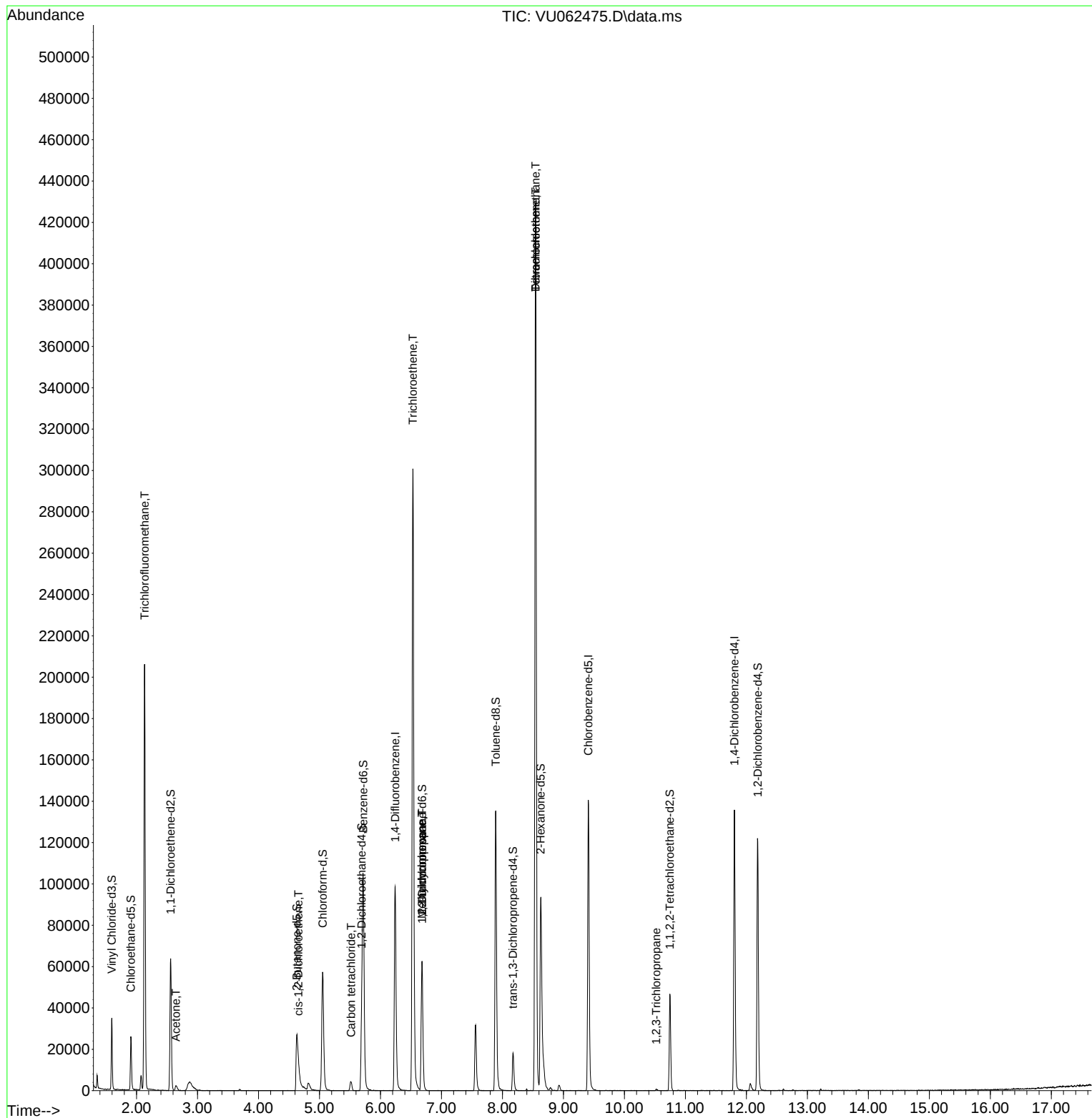
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24160	4.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	18811	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	12052	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.627	46	42409	38.518	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.040%
24) Chloroform-d	5.052	84	56139	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.692	65	30377	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.717	84	98957	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	27944	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	94610	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.174	79	12739	4.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.627	63	32459	36.468	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21602	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34337	4.952	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	138070	12.217	ug/L	100
13) Acetone	2.647	43	4065	5.423	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	1687	0.255	ug/L	94
31) Carbon tetrachloride	5.518	117	3489	0.333	ug/L	93
34) Trichloroethene	6.531	95	105820	14.821	ug/L	97
35) Methylcyclohexane	6.679	83	7943	0.750	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3738	0.609	ug/L #	87
47) Tetrachloroethene	8.544	164	95626	17.347	ug/L	96
49) Dibromochloromethane	8.544	129	93233	16.653	ug/L #	13
61) 1,2,3-Trichloropropane	10.521	75	546	0.157	ug/L #	40

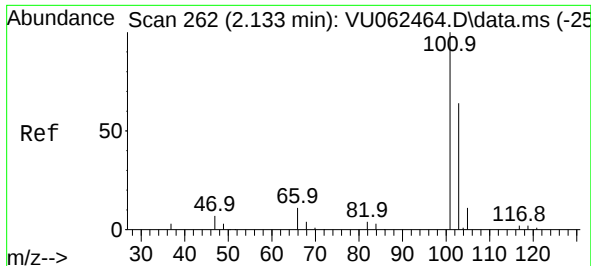
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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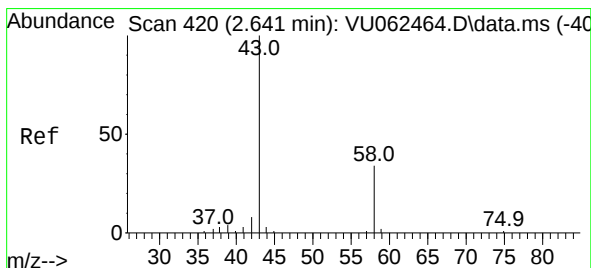
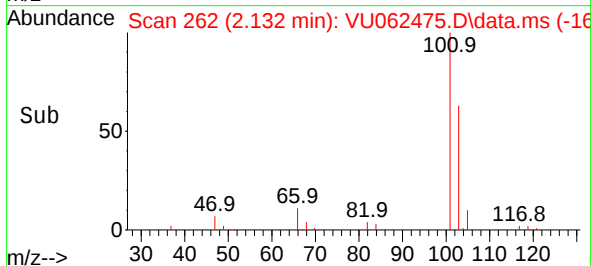
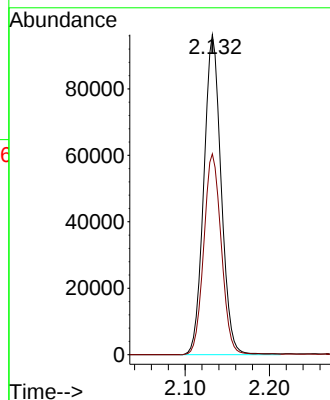
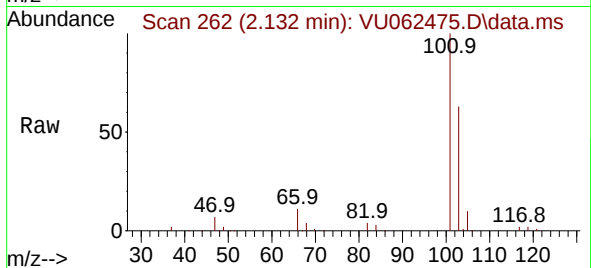




#9
Trichlorofluoromethane
Concen: 12.217 ug/L
RT: 2.132 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU062475.D
Acq: 19 Dec 2024 15:08

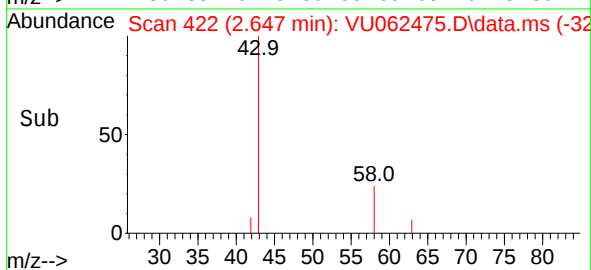
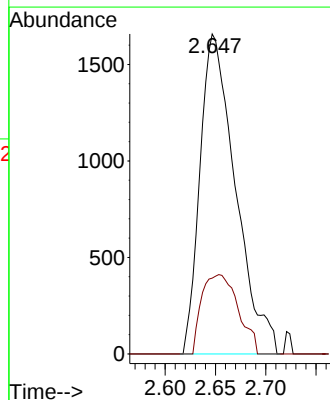
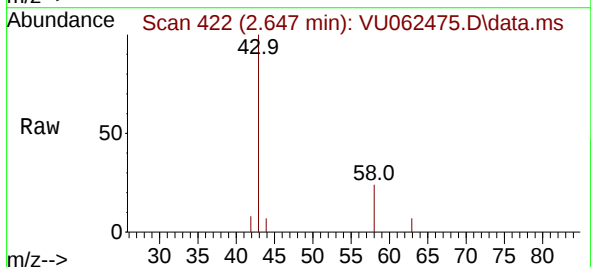
Instrument :
MSVOA_U
ClientSampleId :

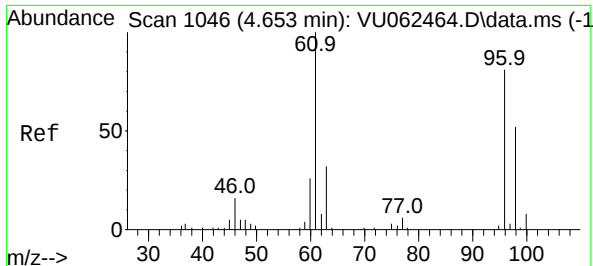
Tgt Ion:101 Resp: 138070
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8



#13
Acetone
Concen: 5.423 ug/L
RT: 2.647 min Scan# 422
Delta R.T. 0.006 min
Lab File: VU062475.D
Acq: 19 Dec 2024 15:08

Tgt Ion: 43 Resp: 4065
Ion Ratio Lower Upper
43 100
58 25.4 0.0 64.0





#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 4.656 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062475.D

Acq: 19 Dec 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :

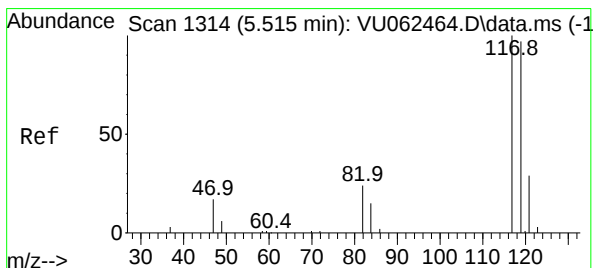
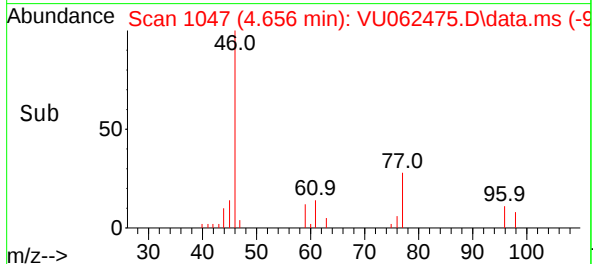
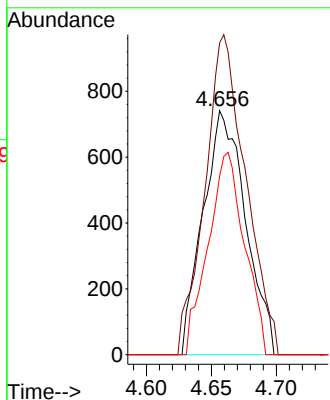
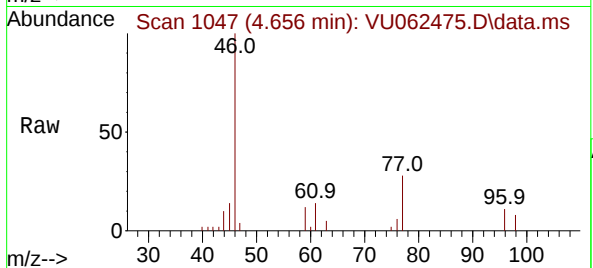
Tgt Ion: 96 Resp: 1687

Ion Ratio Lower Upper

96 100

61 127.8 92.0 170.8

98 73.3 44.5 82.7



#31

Carbon tetrachloride

Concen: 0.333 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU062475.D

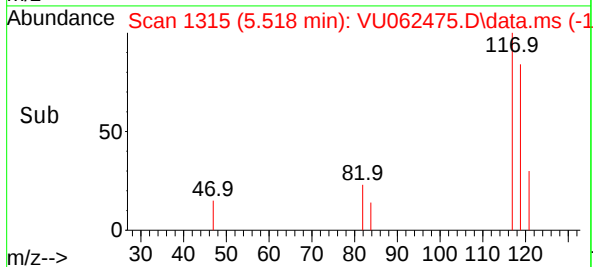
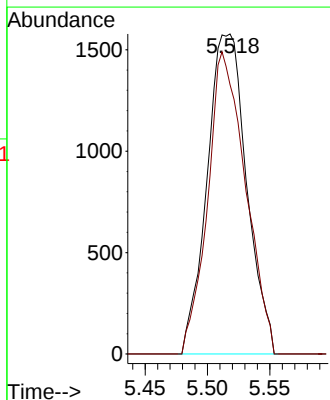
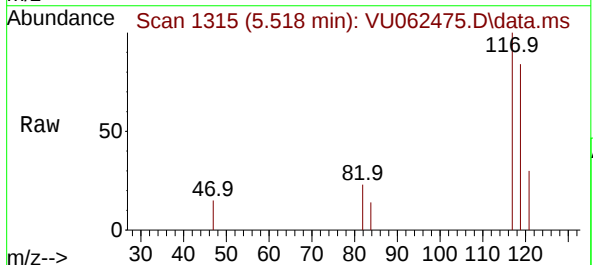
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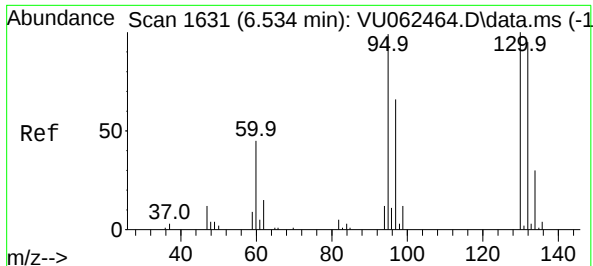
Tgt Ion: 117 Resp: 3489

Ion Ratio Lower Upper

117 100

119 90.1 77.5 116.3





#34

Trichloroethene

Concen: 14.821 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062475.D

Acq: 19 Dec 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 105820

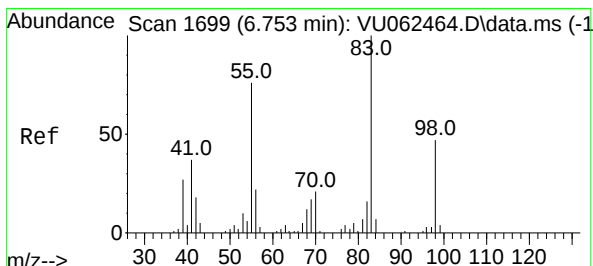
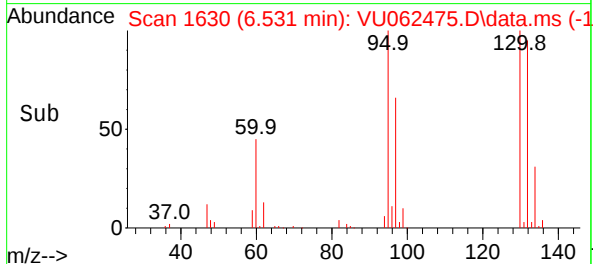
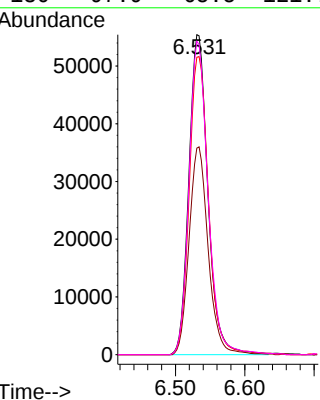
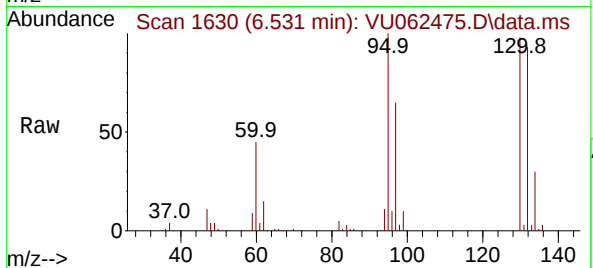
Ion Ratio Lower Upper

95 100

97 64.5 45.9 85.3

132 93.0 63.8 118.4

130 97.9 65.5 121.7



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062475.D

Acq: 19 Dec 2024 15:08

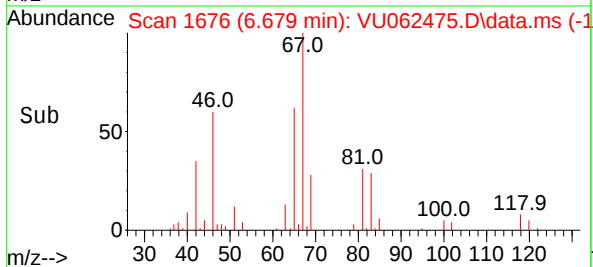
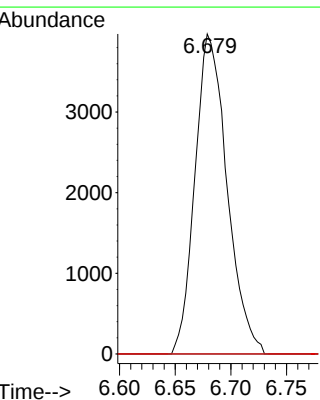
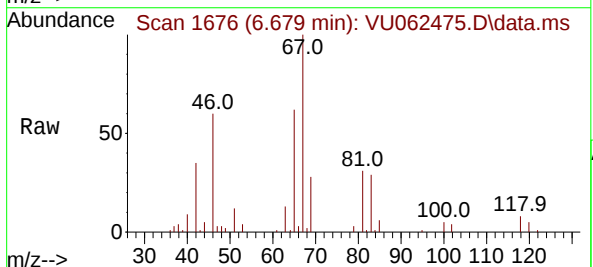
Tgt Ion: 83 Resp: 7943

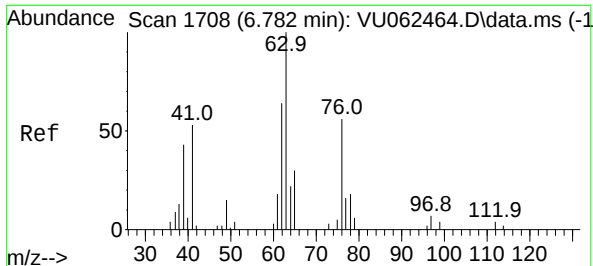
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

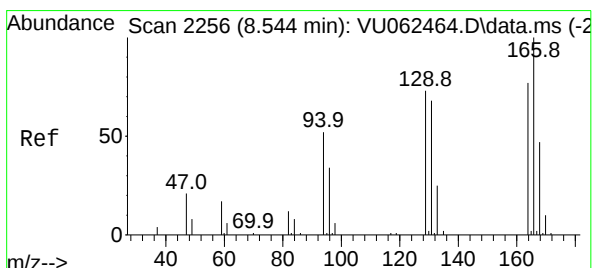
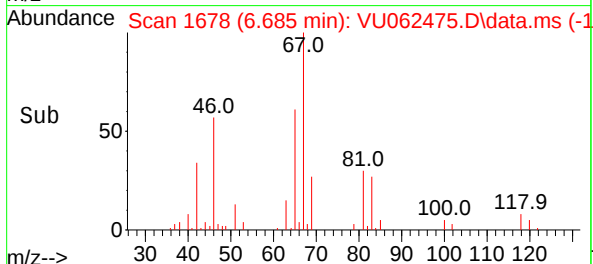
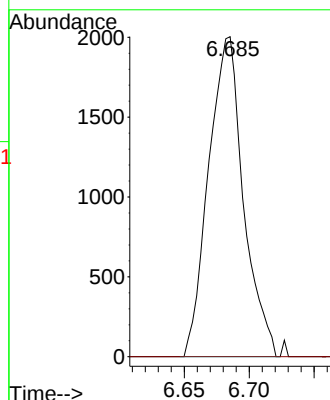
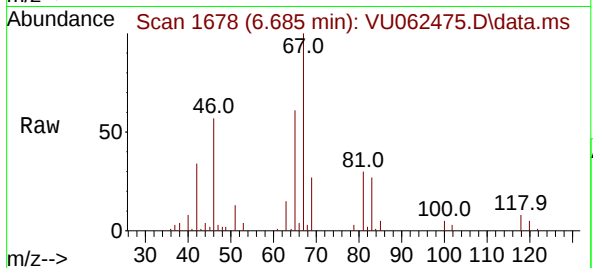




#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU062475.D
Acq: 19 Dec 2024 15:08

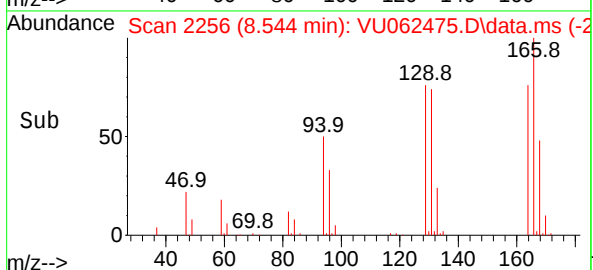
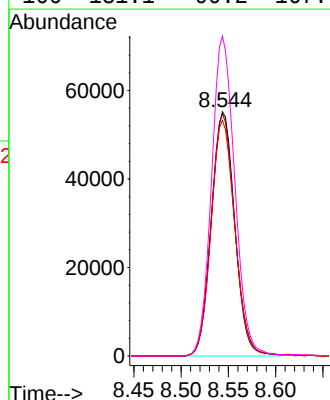
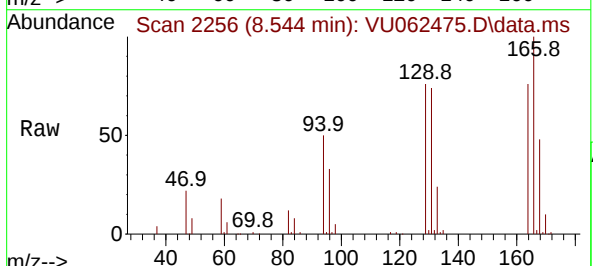
Instrument :
MSVOA_U
ClientSampleId :

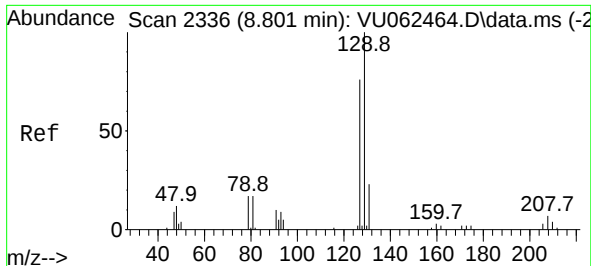
Tgt Ion: 63 Resp: 3738
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 17.347 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062475.D
Acq: 19 Dec 2024 15:08

Tgt Ion:164 Resp: 95626
Ion Ratio Lower Upper
164 100
129 99.1 73.2 136.0
131 96.5 72.3 134.3
166 131.1 90.2 167.4





#49

Dibromochloromethane

Concen: 16.653 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062475.D

Acq: 19 Dec 2024 15:08

Instrument :

MSVOA_U

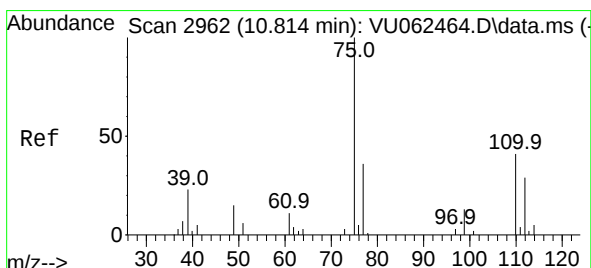
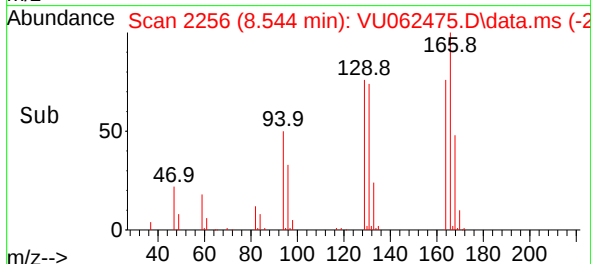
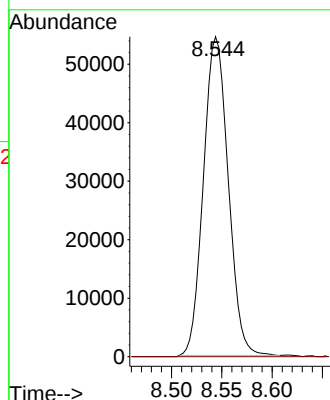
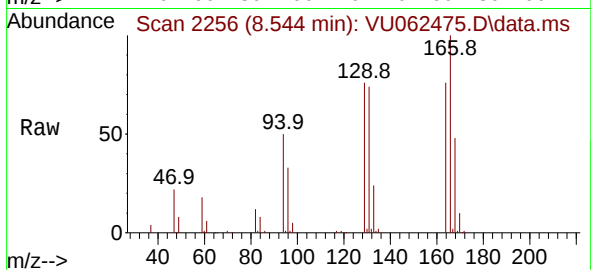
ClientSampleId :

Tgt Ion:129 Resp: 93233

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.157 ug/L

RT: 10.521 min Scan# 2871

Delta R.T. -0.293 min

Lab File: VU062475.D

Acq: 19 Dec 2024 15:08

Tgt Ion: 75 Resp: 546

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 0.0 26.5 39.7#

