

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062211.D
 Acq On : 10 Dec 2024 16:36
 Operator : MD/SY
 Sample : P5107-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:45:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

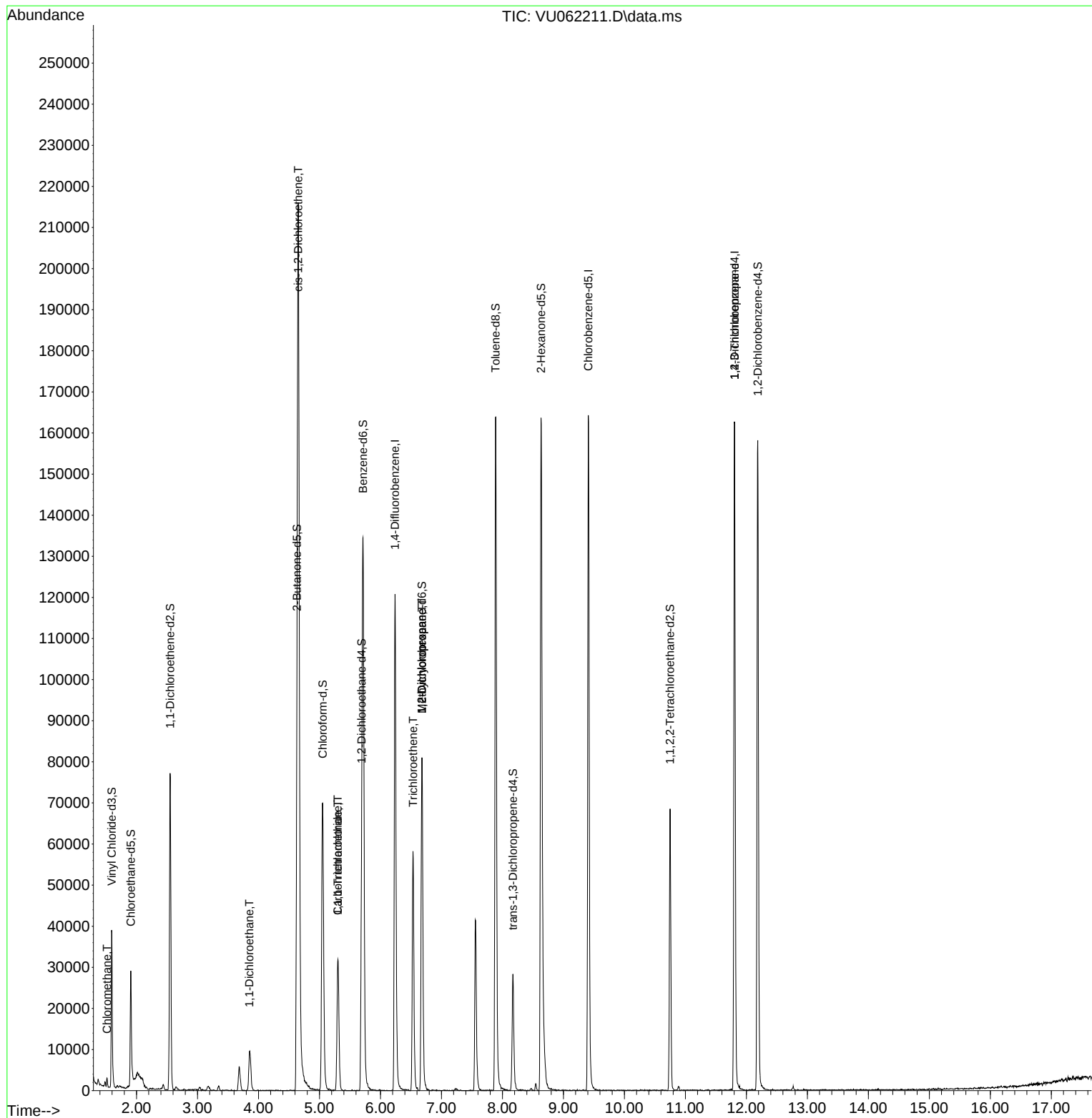
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28909	4.189	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.907	69	21575	4.396	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.551	65	14872	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.631	46	77881	58.890	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.780%	
24) Chloroform-d	5.052	84	71522	4.789	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.692	65	38707	5.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.714	84	128279	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	6.679	67	38451	4.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.888	98	117797	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	8.174	79	16584	4.871	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.400%	
46) 2-Hexanone-d5	8.634	63	62663	61.011	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.020%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34328	5.704	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	44241	5.227	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
3) Chloromethane	1.515	50	1496	0.199	ug/L	94
19) 1,1-Dichloroethane	3.853	63	12138	0.933	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	105323	13.240	ug/L	94
29) 1,1,1-Trichloroethane	5.303	97	24904	1.886	ug/L	95
31) Carbon tetrachloride	5.303	117	2758	0.228	ug/L	98
34) Trichloroethene	6.534	95	20743	2.518	ug/L	92
35) Methylcyclohexane	6.679	83	10022	0.820	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4541	0.641	ug/L #	87
61) 1,2,3-Trichloropropane	11.807	75	4658	1.097	ug/L #	66

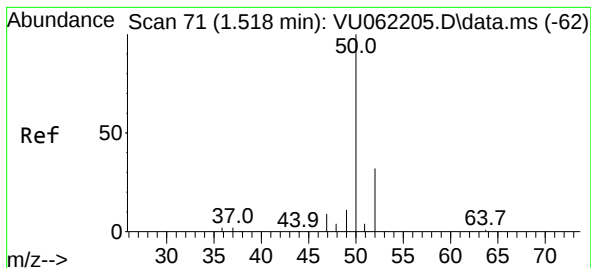
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
Data File : VU062211.D
Acq On : 10 Dec 2024 16:36
Operator : MD/SY
Sample : P5107-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 11 03:45:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 11 03:43:25 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU062211.D

Acq: 10 Dec 2024 16:36

Instrument :

MSVOA_U

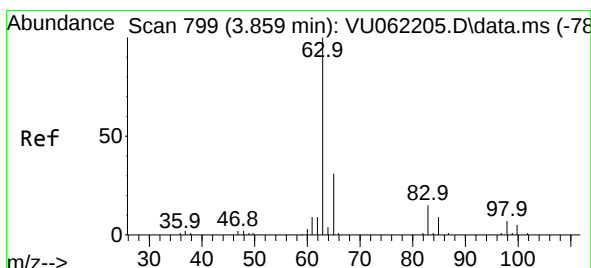
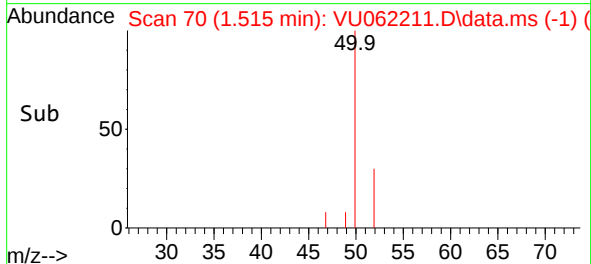
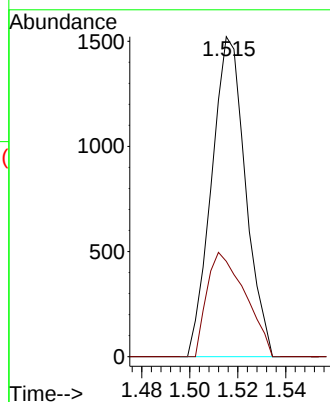
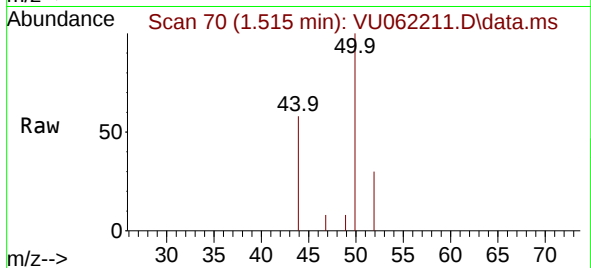
ClientSampleId :

Tgt Ion: 50 Resp: 1496

Ion Ratio Lower Upper

50 100

52 29.8 23.1 42.9



#19

1,1-Dichloroethane

Concen: 0.933 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.006 min

Lab File: VU062211.D

Acq: 10 Dec 2024 16:36

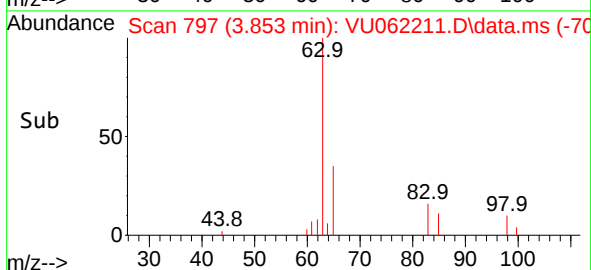
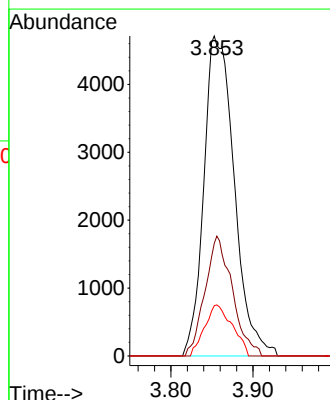
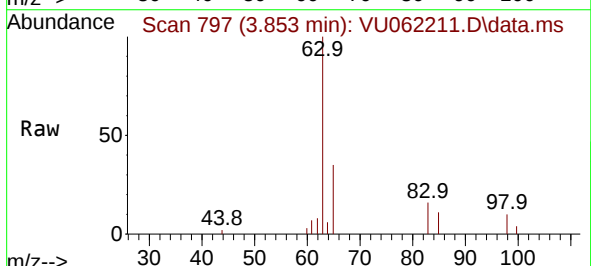
Tgt Ion: 63 Resp: 12138

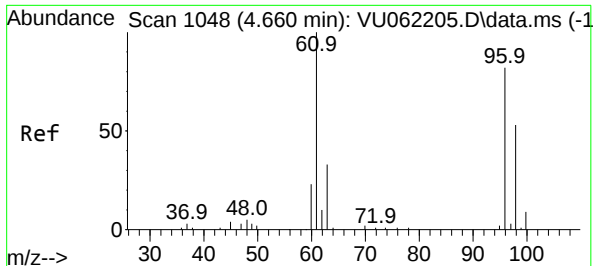
Ion Ratio Lower Upper

63 100

65 33.4 22.7 42.3

83 14.9 9.9 18.3





#22

cis-1,2-Dichloroethene

Concen: 13.240 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU062211.D

Acq: 10 Dec 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :

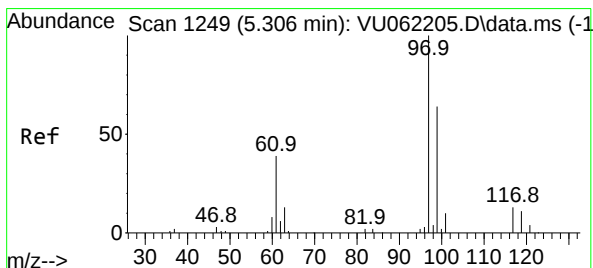
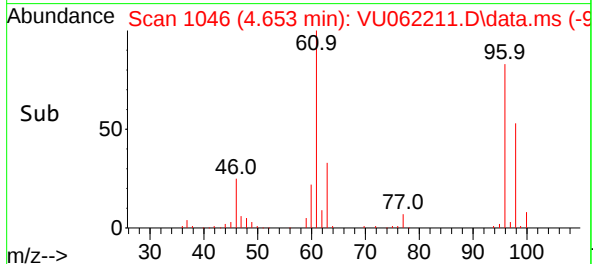
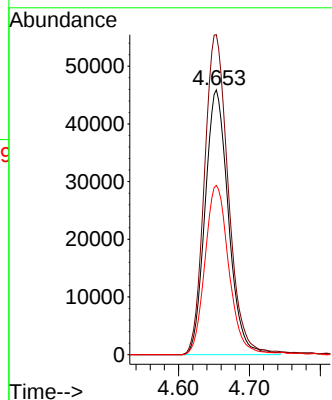
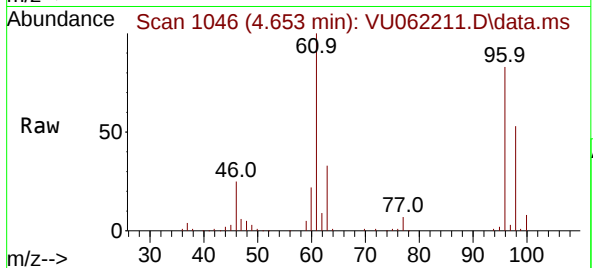
Tgt Ion: 96 Resp: 105323

Ion Ratio Lower Upper

96 100

61 120.8 92.0 170.8

98 63.9 44.5 82.7



#29

1,1,1-Trichloroethane

Concen: 1.886 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU062211.D

Acq: 10 Dec 2024 16:36

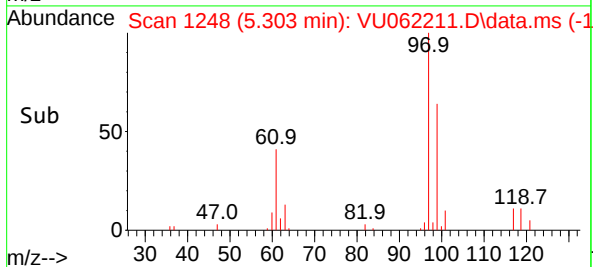
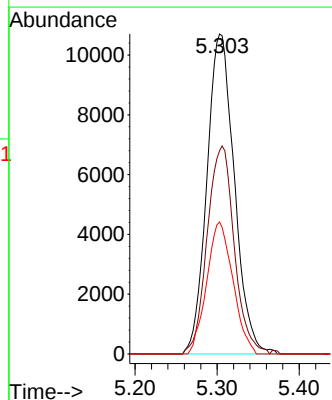
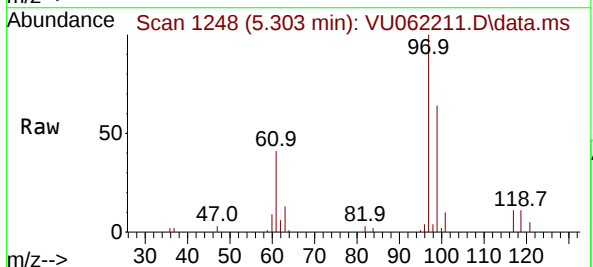
Tgt Ion: 97 Resp: 24904

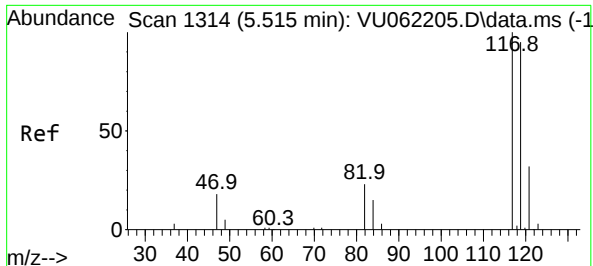
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

61 39.2 37.8 56.6

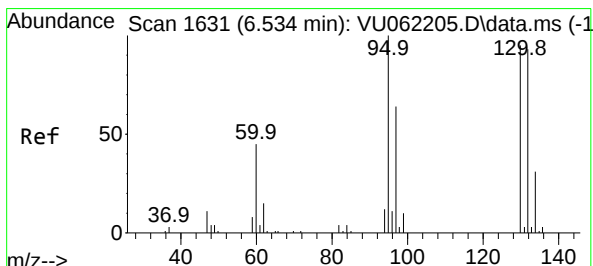
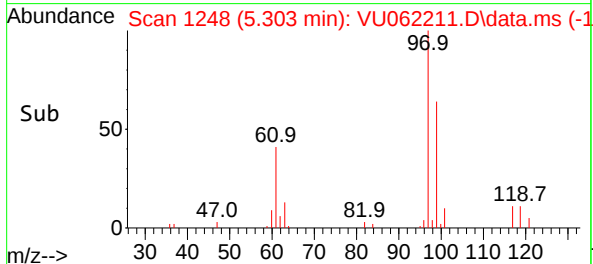
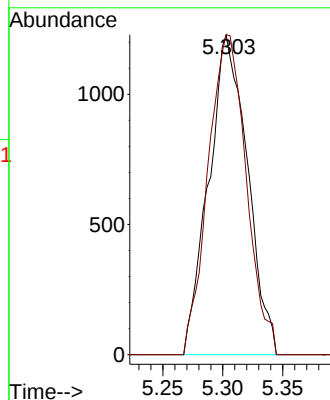
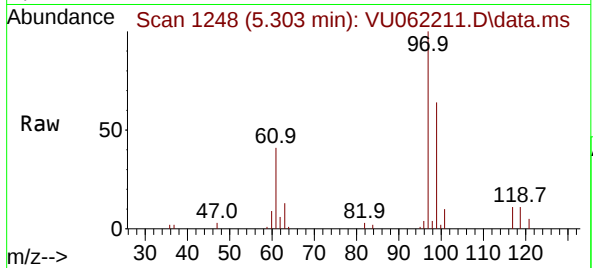




#31
Carbon tetrachloride
Concen: 0.228 ug/L
RT: 5.303 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU062211.D
Acq: 10 Dec 2024 16:36

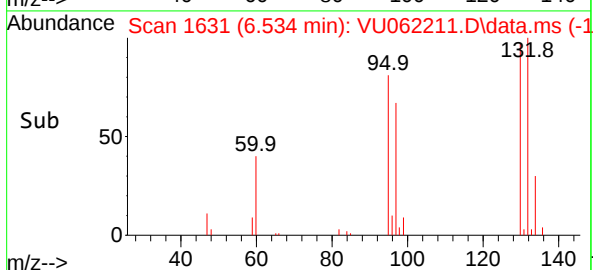
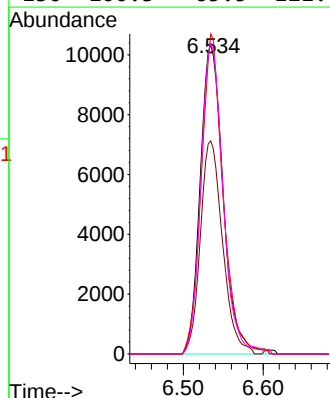
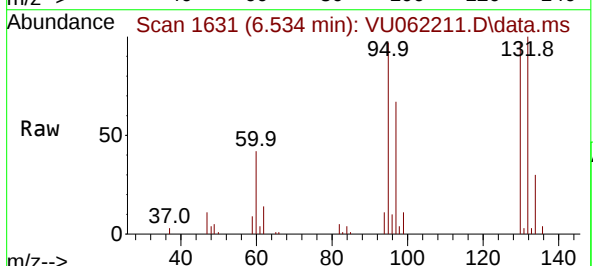
Instrument :
MSVOA_U
ClientSampleId :

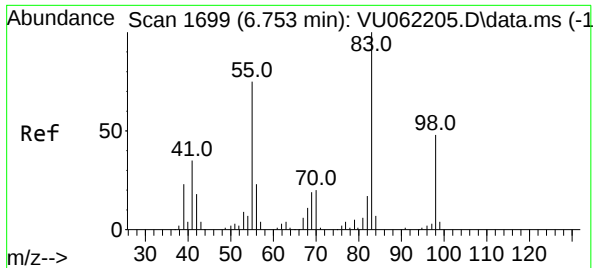
Tgt Ion:117 Resp: 2758
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3



#34
Trichloroethene
Concen: 2.518 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062211.D
Acq: 10 Dec 2024 16:36

Tgt Ion: 95 Resp: 20743
Ion Ratio Lower Upper
95 100
97 68.9 45.9 85.3
132 103.5 63.8 118.4
130 100.3 65.5 121.7

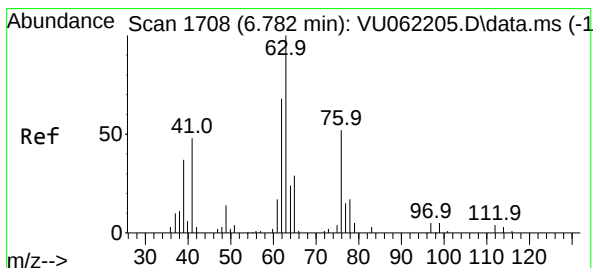
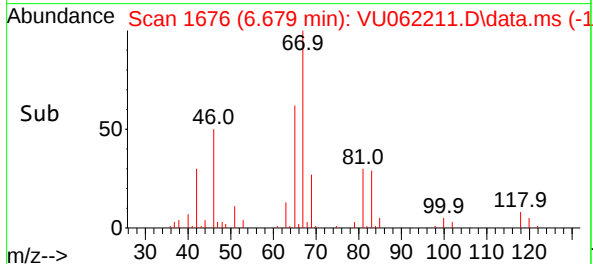
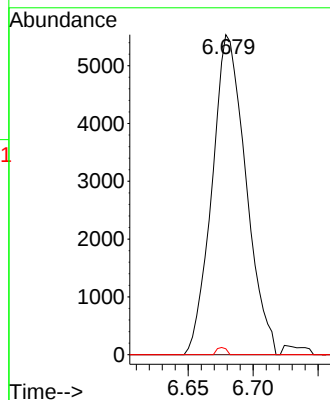
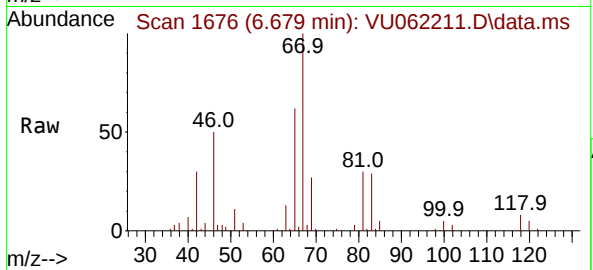




#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062211.D
Acq: 10 Dec 2024 16:36

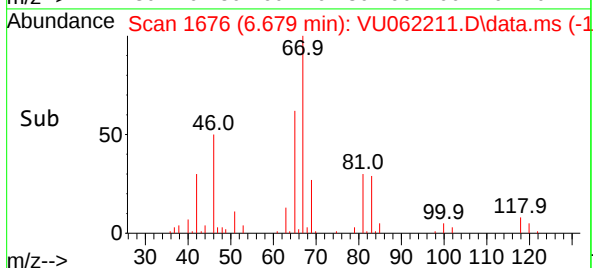
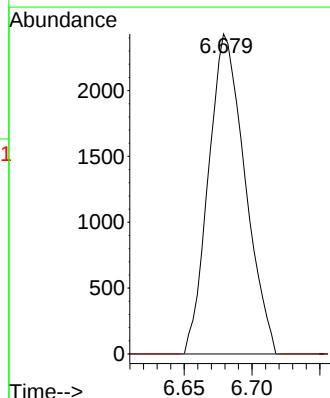
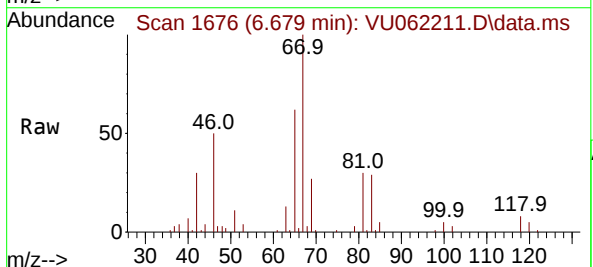
Instrument :
MSVOA_U
ClientSampleId :

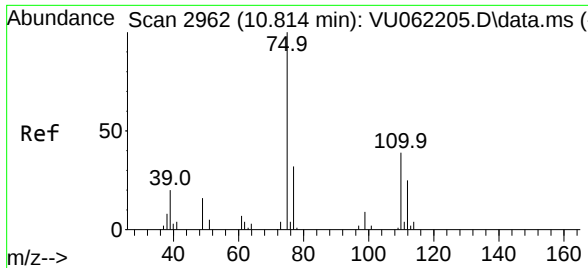
Tgt Ion: 83 Resp: 10022
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.6 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU062211.D
Acq: 10 Dec 2024 16:36

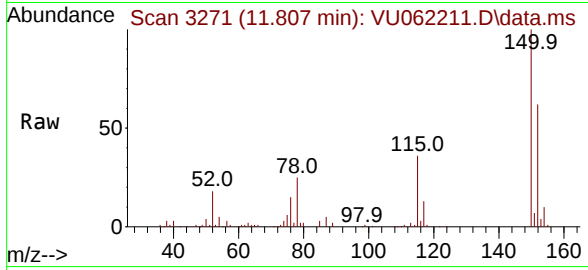
Tgt Ion: 63 Resp: 4541
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
1,2,3-Trichloropropane
Concen: 1.097 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062211.D
Acq: 10 Dec 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4658
Ion Ratio Lower Upper
75 100
110 1.5 28.9 43.3#
77 36.8 26.5 39.7

