

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062481.D
 Acq On : 19 Dec 2024 17:35
 Operator : MD/SY
 Sample : P5309-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:40:39 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)

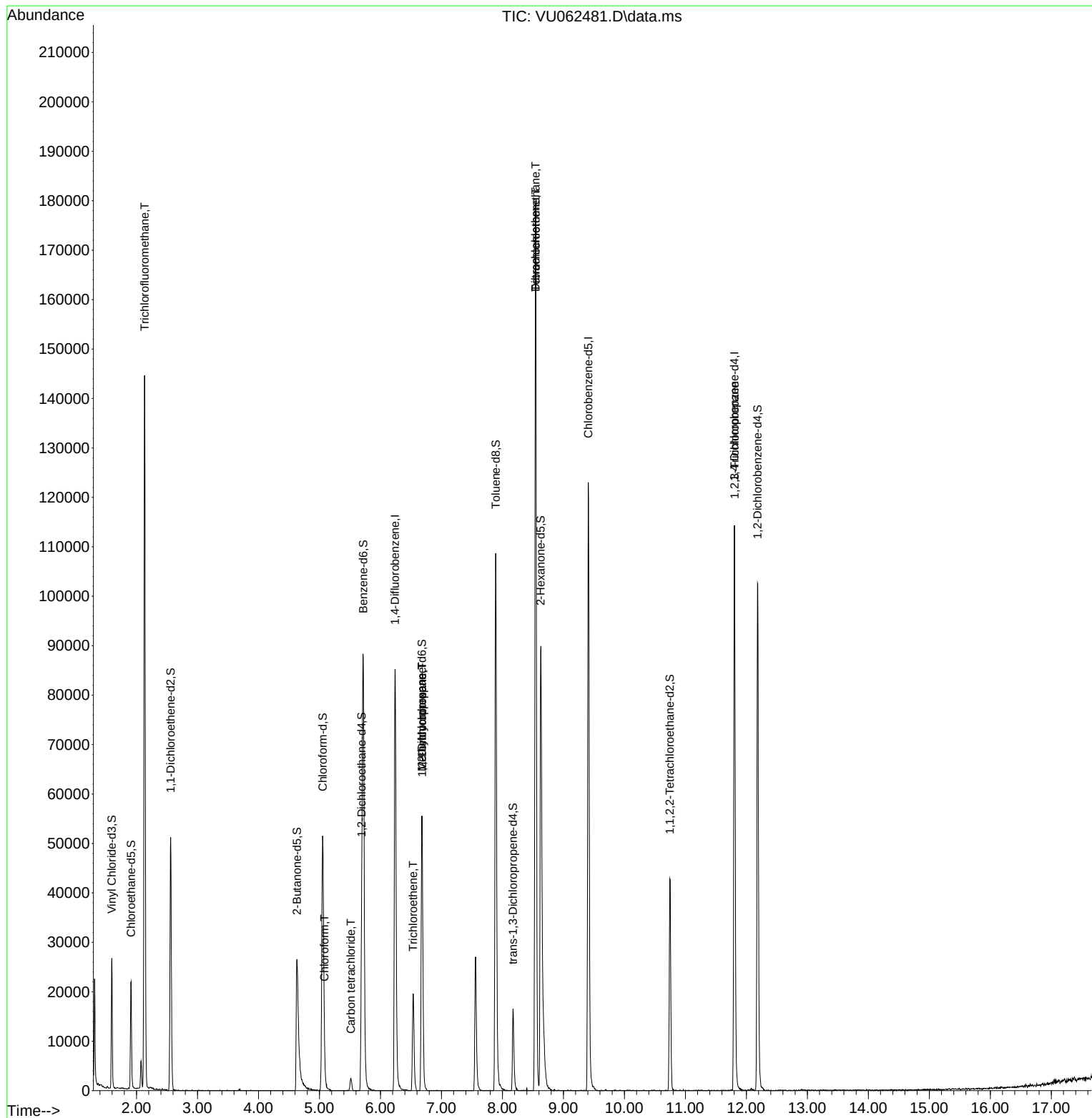
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	72442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	71449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18061	3.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.911	69	15659	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	9889	4.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.631	46	43611	46.571	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.140%
24) Chloroform-d	5.052	84	50089	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.692	65	28600	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.718	84	84030	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.679	67	25284	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.891	98	78559	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	10518	4.058	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.627	63	31749	40.606	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21002	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	30131	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	97044	10.096	ug/L	98
25) Chloroform	5.081	83	2838	0.274	ug/L	96
31) Carbon tetrachloride	5.515	117	2069	0.224	ug/L	88
34) Trichloroethene	6.534	95	7279	1.161	ug/L	96
35) Methylcyclohexane	6.679	83	6753	0.726	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3090	0.573	ug/L #	87
47) Tetrachloroethene	8.544	164	41205	8.509	ug/L	90
49) Dibromochloromethane	8.544	129	39524	8.036	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3214	1.030	ug/L #	63

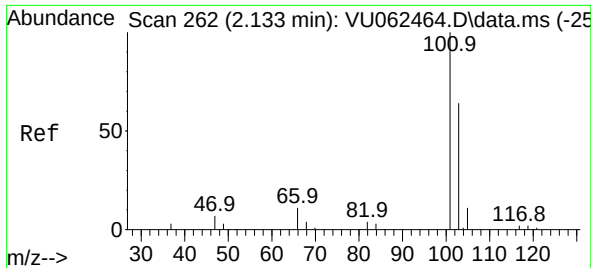
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 00:36:00 2024
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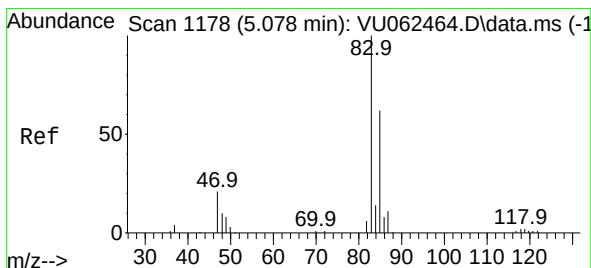
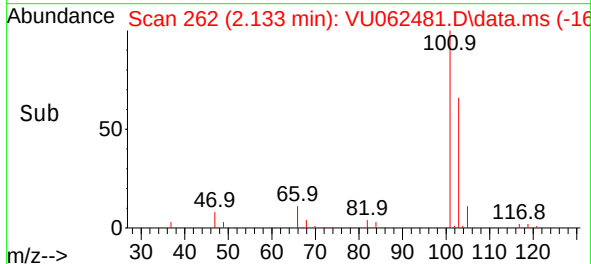
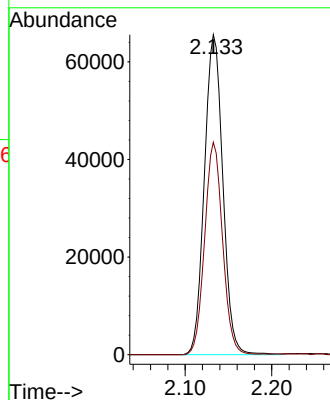
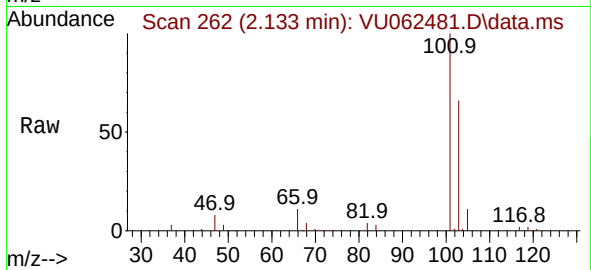




#9
Trichlorofluoromethane
Concen: 10.096 ug/L
RT: 2.133 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

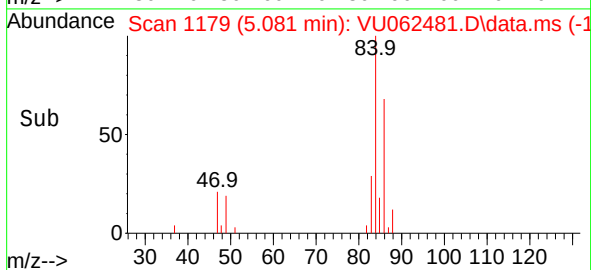
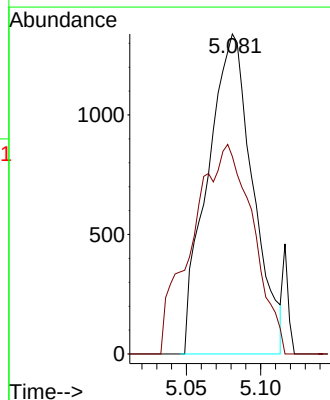
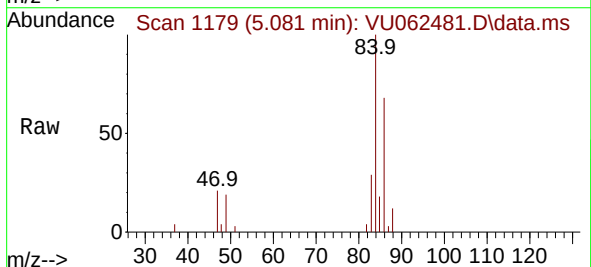
Instrument :
MSVOA_U
ClientSampleId :

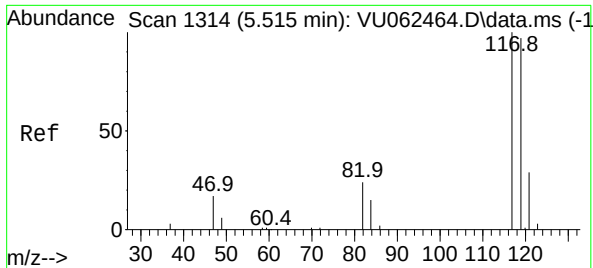
Tgt Ion:101 Resp: 97044
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8



#25
Chloroform
Concen: 0.274 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

Tgt Ion: 83 Resp: 2838
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.2

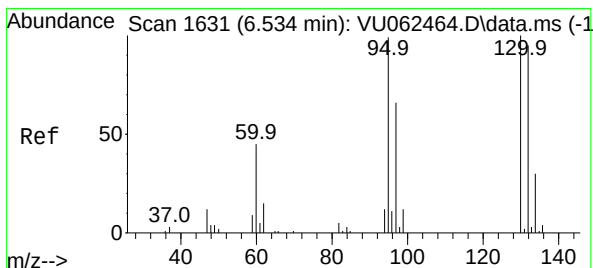
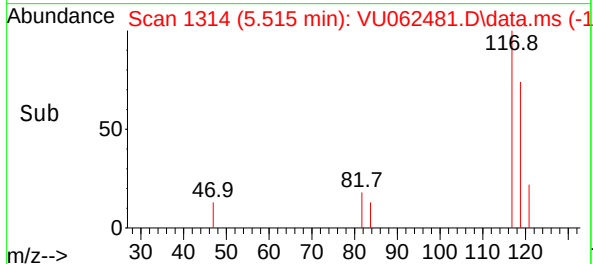
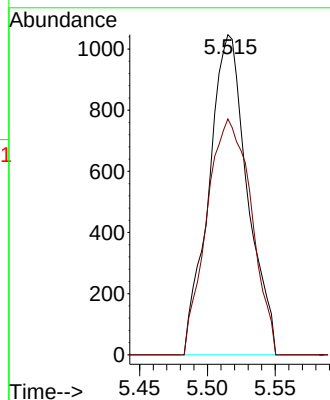
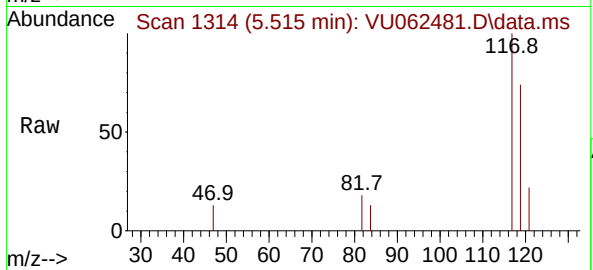




#31
Carbon tetrachloride
Concen: 0.224 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

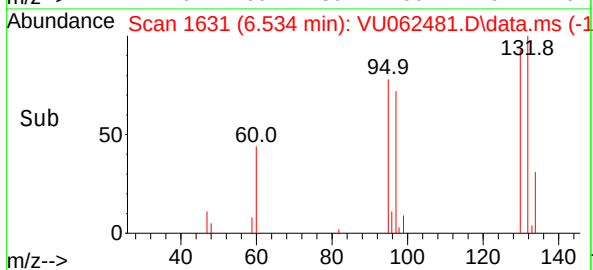
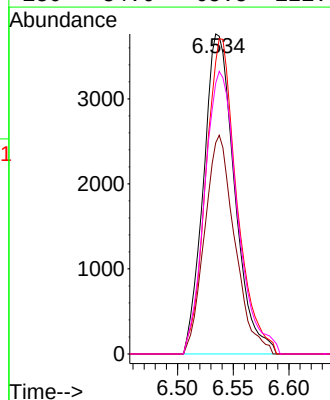
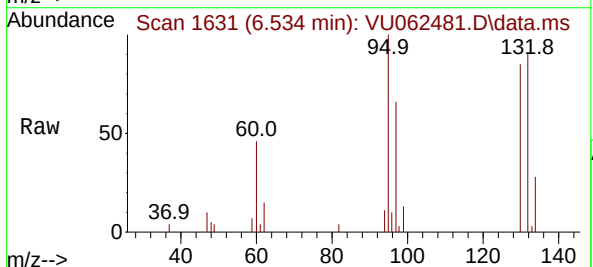
Instrument :
MSVOA_U
ClientSampleId :

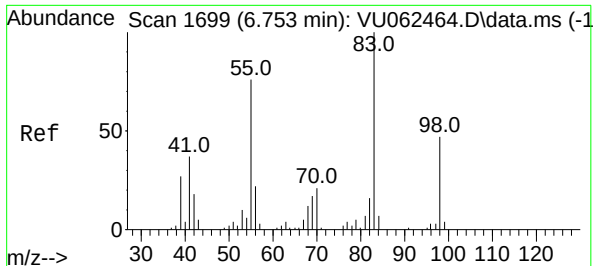
Tgt Ion:117 Resp: 2069
Ion Ratio Lower Upper
117 100
119 85.3 77.5 116.3



#34
Trichloroethene
Concen: 1.161 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

Tgt Ion: 95 Resp: 7279
Ion Ratio Lower Upper
95 100
97 66.0 45.9 85.3
132 91.3 63.8 118.4
130 84.6 65.5 121.7

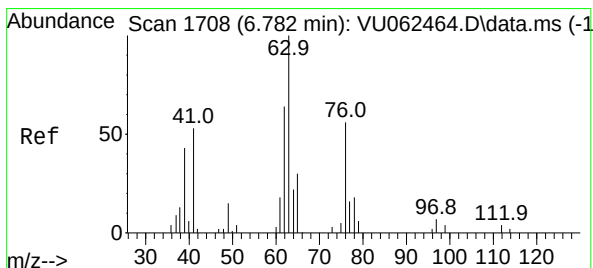
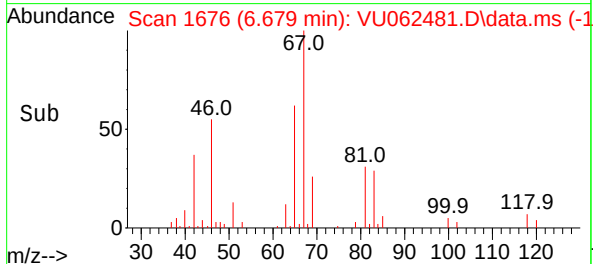
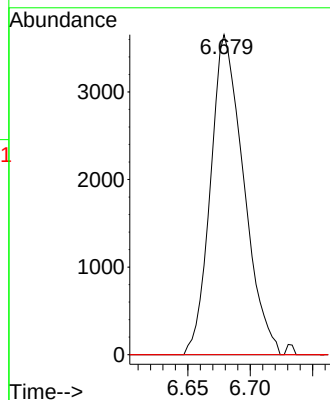
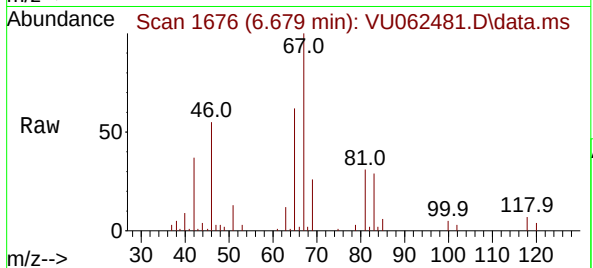




#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.679 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

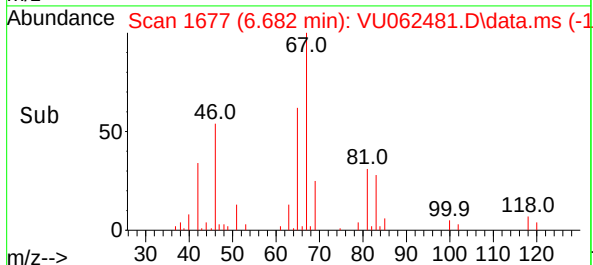
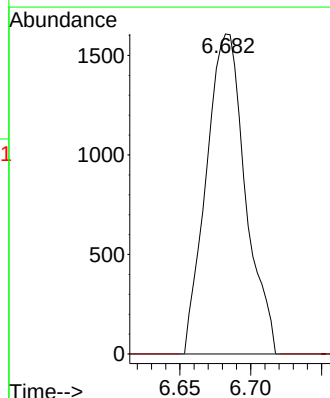
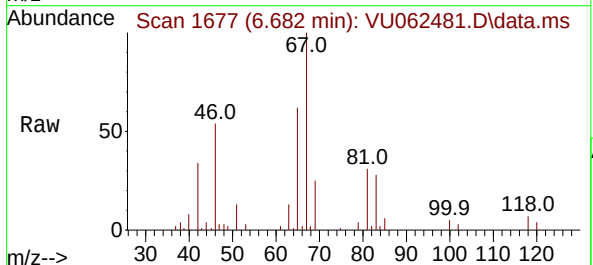
Instrument :
MSVOA_U
ClientSampleId :

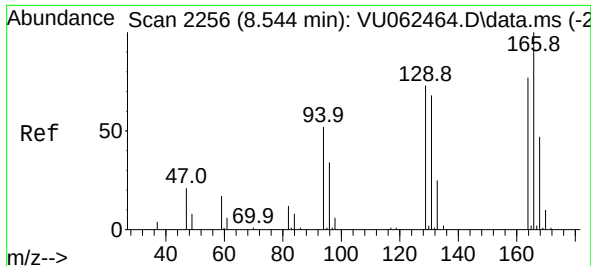
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	3.7	34.8	52.2#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

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





#47

Tetrachloroethene

Concen: 8.509 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

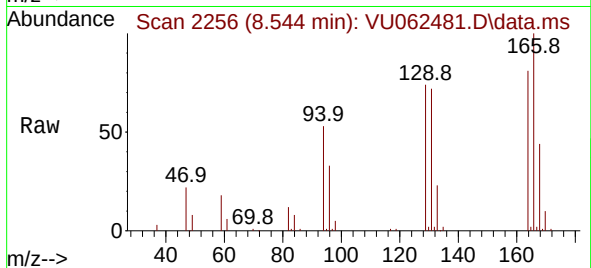
Lab File: VU062481.D

Acq: 19 Dec 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 41205

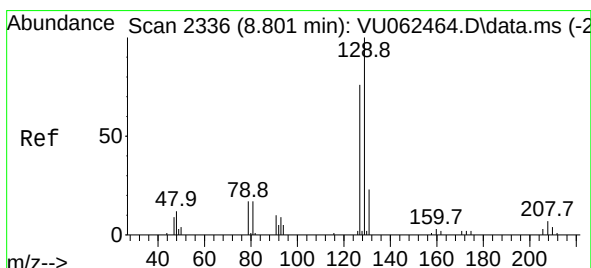
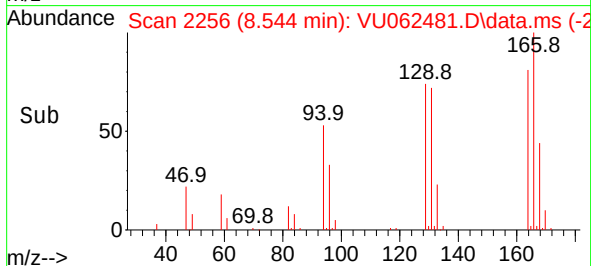
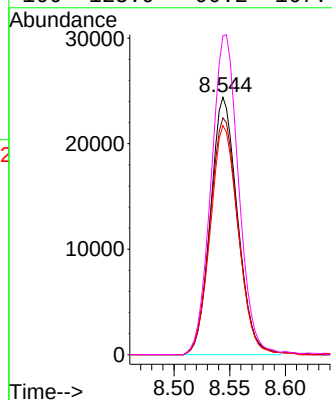
Ion Ratio Lower Upper

164 100

129 92.0 73.2 136.0

131 89.0 72.3 134.3

166 123.9 90.2 167.4



#49

Dibromochloromethane

Concen: 8.036 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU062481.D

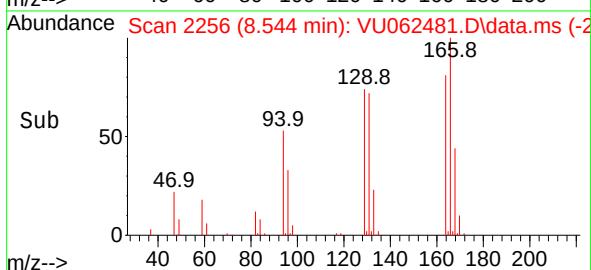
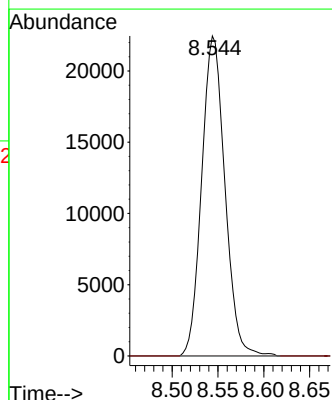
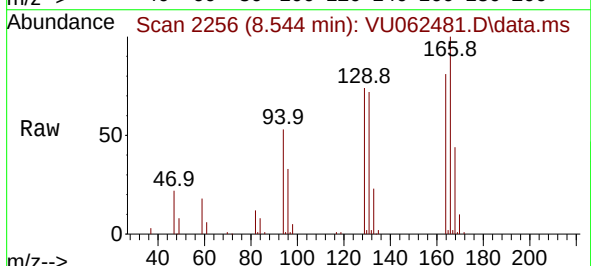
Acq: 19 Dec 2024 17:35

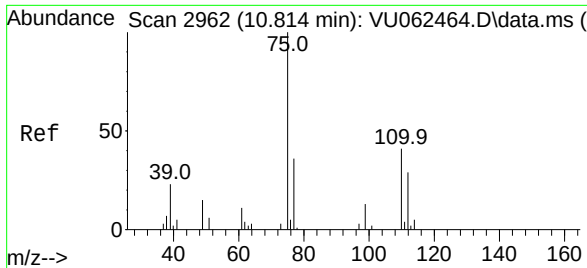
Tgt Ion:129 Resp: 39524

Ion Ratio Lower Upper

129 100

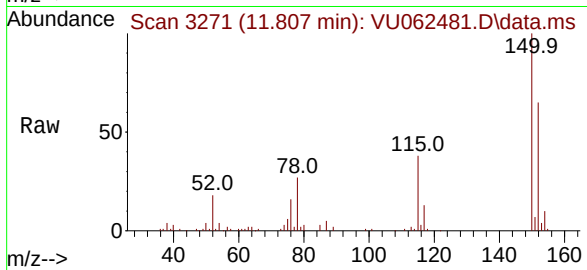
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.030 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062481.D
Acq: 19 Dec 2024 17:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3214
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 39.3 26.5 39.7

