

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062478.D
 Acq On : 19 Dec 2024 16:21
 Operator : MD/SY
 Sample : P5309-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:39:50 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)

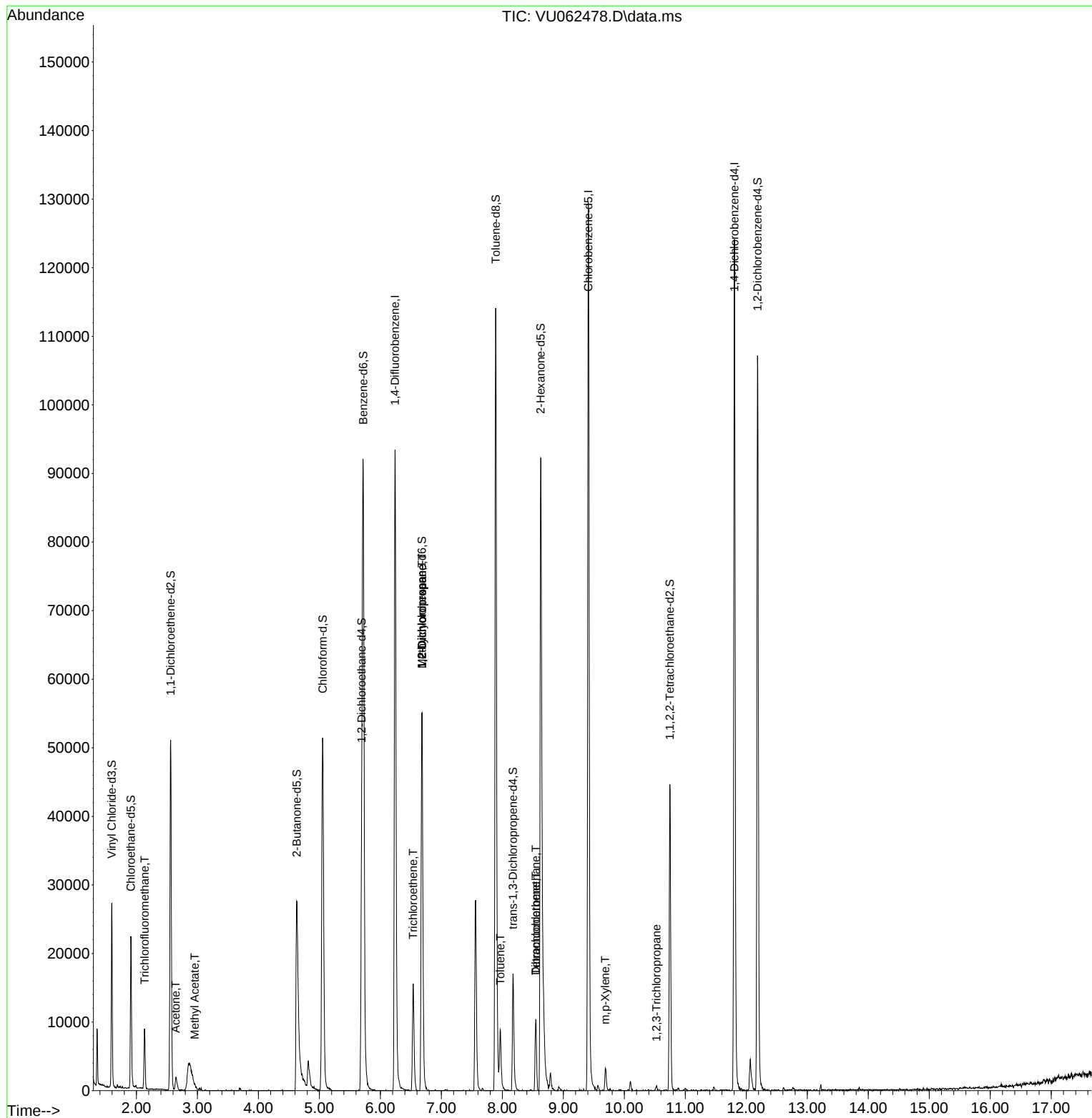
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	78512	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18487	3.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.907	69	16273	4.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	9929	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.628	46	44198	43.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.100%
24) Chloroform-d	5.052	84	51069	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	28863	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	87876	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.679	67	25144	4.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.891	98	81693	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.174	79	11134	4.039	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.627	63	31660	38.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21107	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	30963	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	5402	0.519	ug/L	91
13) Acetone	2.644	43	3075	4.450	ug/L	95
15) Methyl Acetate	2.956	43	488	0.282	ug/L #	51
34) Trichloroethene	6.538	95	5849	0.877	ug/L	95
35) Methylcyclohexane	6.679	83	7197	0.728	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	3206	0.559	ug/L #	87
42) Toluene	7.965	91	7010	0.276	ug/L	81
47) Tetrachloroethene	8.547	164	2346	0.456	ug/L	83
49) Dibromochloromethane	8.547	129	2423	0.463	ug/L #	13
53) m,p-Xylene	9.685	106	1296	0.123	ug/L	96
61) 1,2,3-Trichloropropane	10.528	75	577	0.178	ug/L #	40

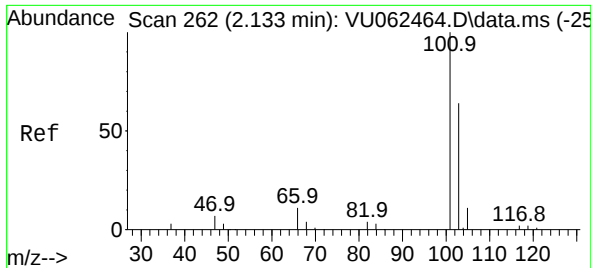
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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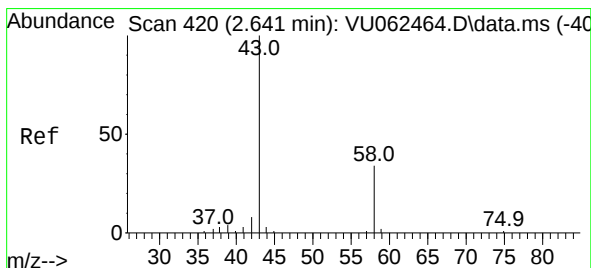
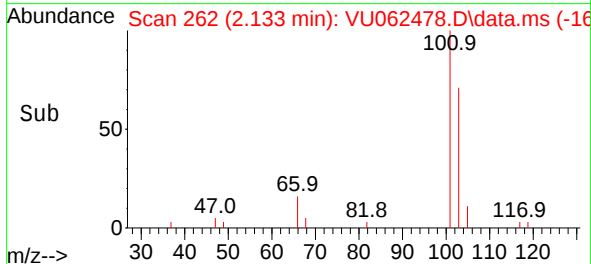
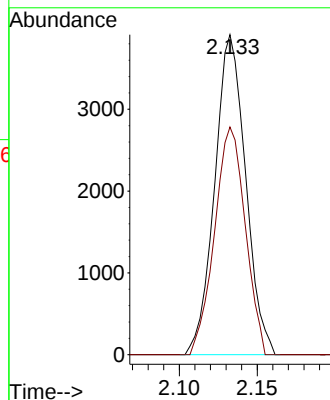
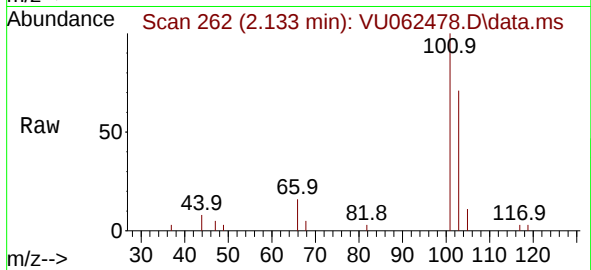




#9
Trichlorofluoromethane
Concen: 0.519 ug/L
RT: 2.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062478.D
Acq: 19 Dec 2024 16:21

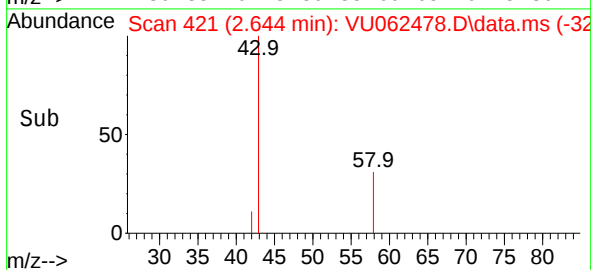
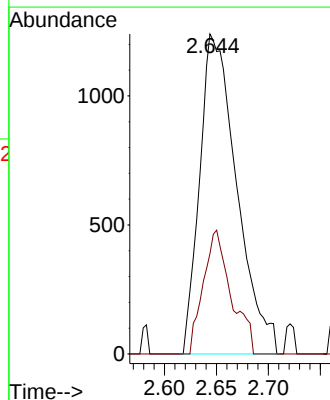
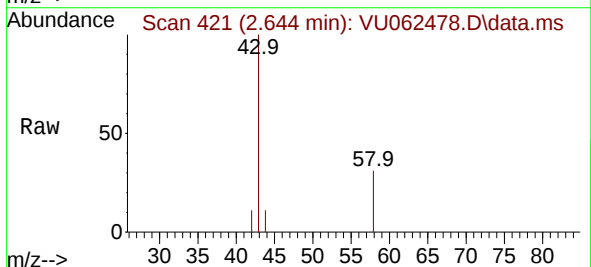
Instrument :
MSVOA_U
ClientSampleId :

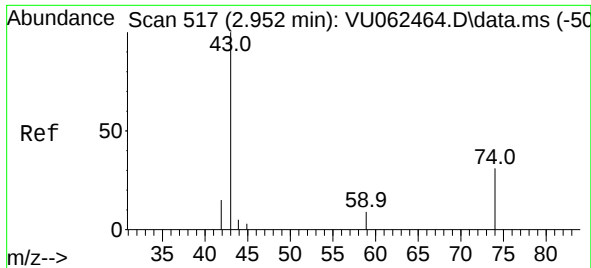
Tgt Ion:101 Resp: 5402
Ion Ratio Lower Upper
101 100
103 70.5 50.6 75.8



#13
Acetone
Concen: 4.450 ug/L
RT: 2.644 min Scan# 421
Delta R.T. 0.003 min
Lab File: VU062478.D
Acq: 19 Dec 2024 16:21

Tgt Ion: 43 Resp: 3075
Ion Ratio Lower Upper
43 100
58 29.0 0.0 64.0

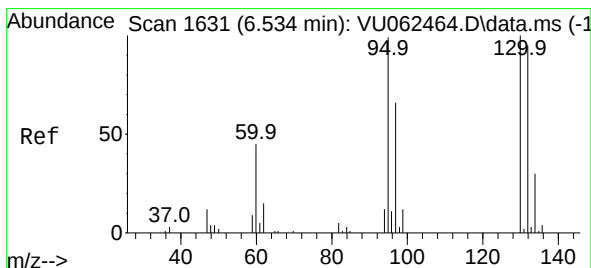
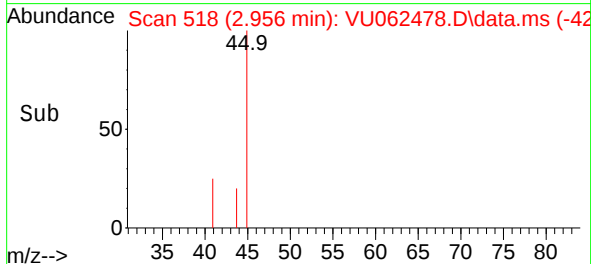
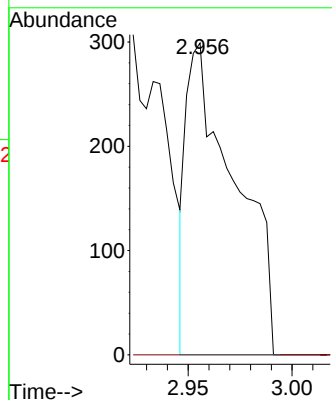
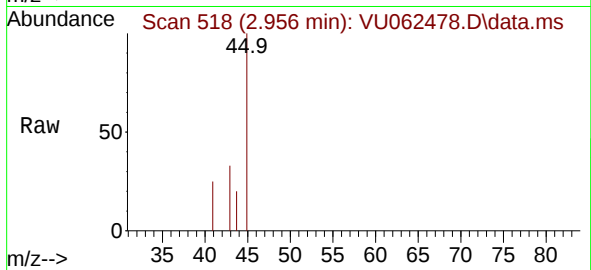




#15
Methyl Acetate
Concen: 0.282 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU062478.D
Acq: 19 Dec 2024 16:21

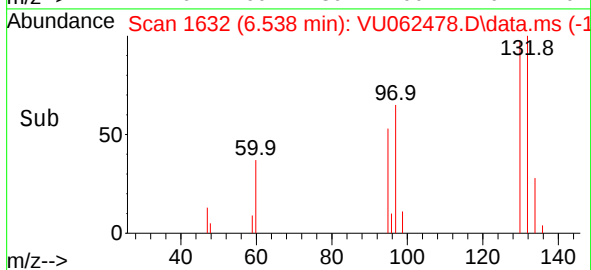
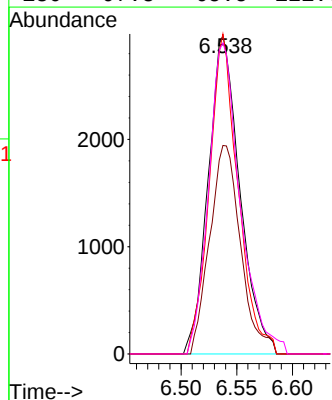
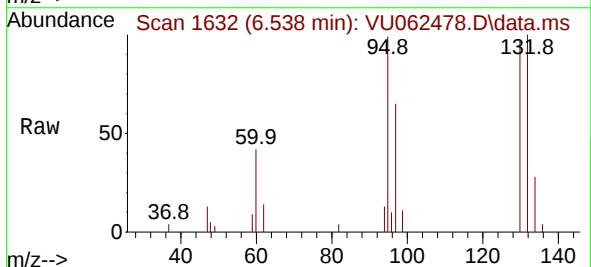
Instrument :
MSVOA_U
ClientSampleId :

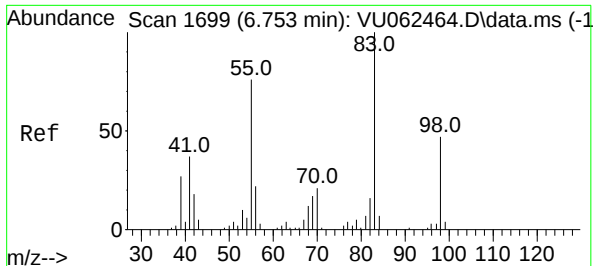
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#34
Trichloroethene
Concen: 0.877 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062478.D
Acq: 19 Dec 2024 16:21

Tgt Ion: 95 Resp: 5849
Ion Ratio Lower Upper
95 100
97 65.5 45.9 85.3
132 100.6 63.8 118.4
130 97.8 65.5 121.7

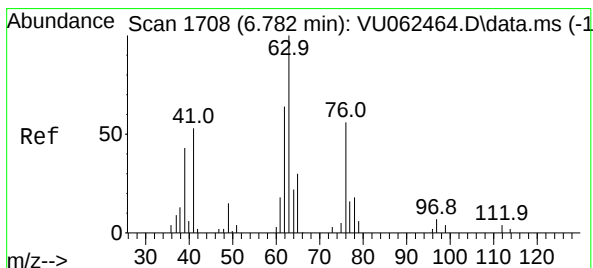
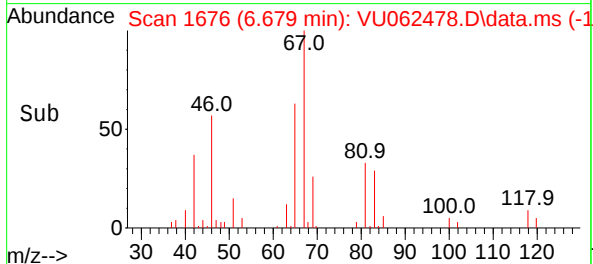
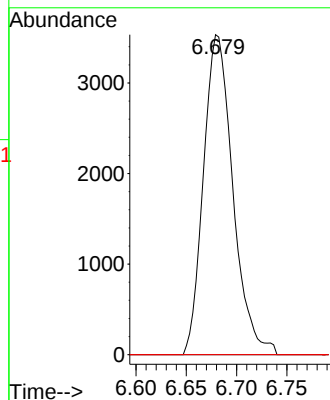
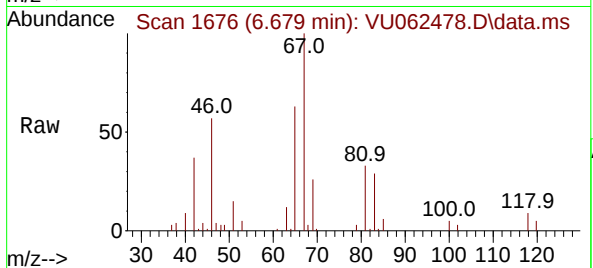




#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062478.D
Acq: 19 Dec 2024 16:21

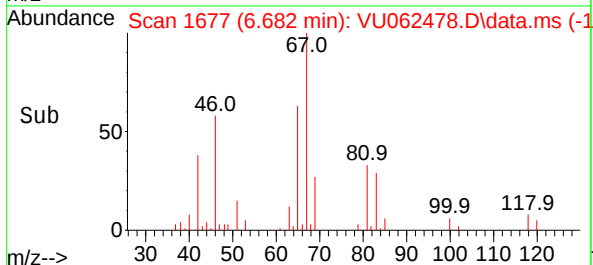
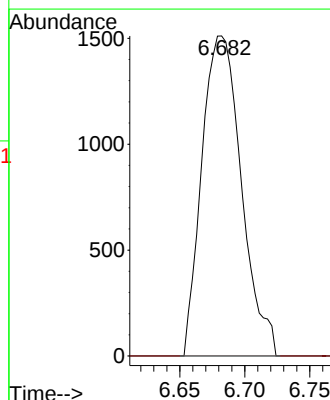
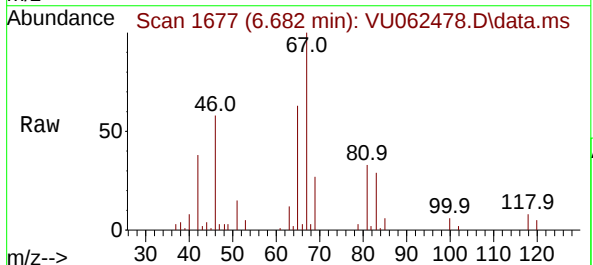
Instrument :
MSVOA_U
ClientSampleId :

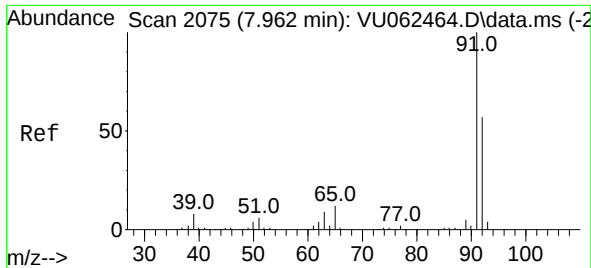
Tgt Ion: 83 Resp: 7197
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.8 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062478.D
Acq: 19 Dec 2024 16:21

Tgt Ion: 63 Resp: 3206
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.276 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062478.D

Acq: 19 Dec 2024 16:21

Instrument :

MSVOA_U

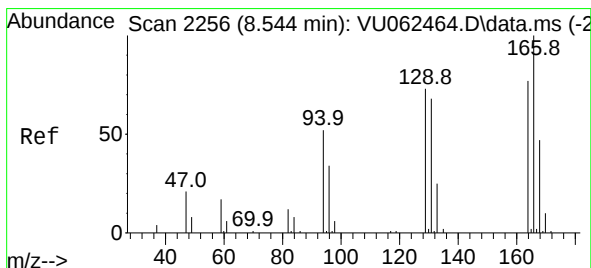
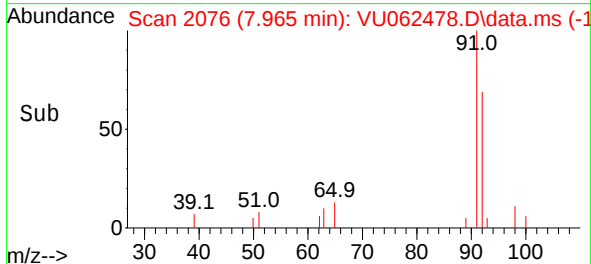
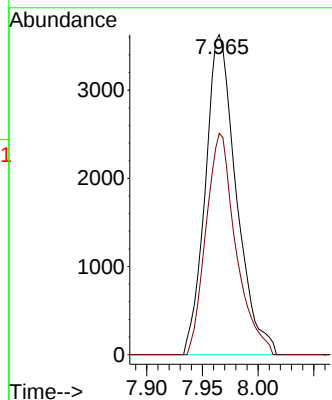
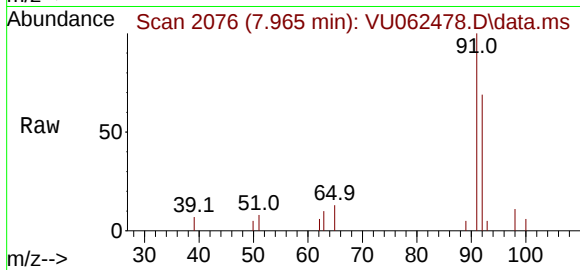
ClientSampleId :

Tgt Ion: 91 Resp: 7010

Ion Ratio Lower Upper

91 100

92 69.2 39.0 72.4



#47

Tetrachloroethene

Concen: 0.456 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU062478.D

Acq: 19 Dec 2024 16:21

Tgt Ion: 164 Resp: 2346

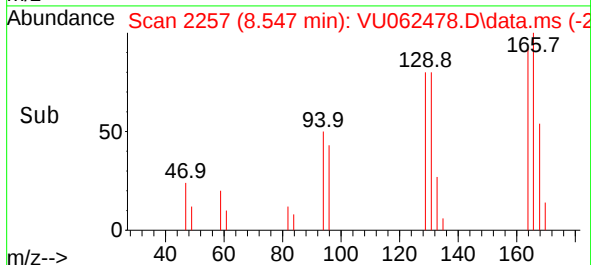
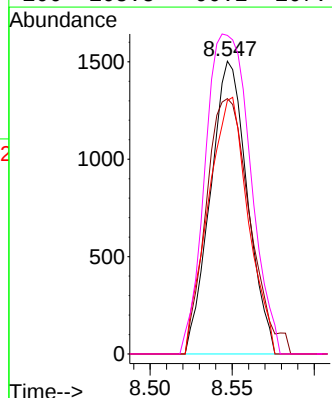
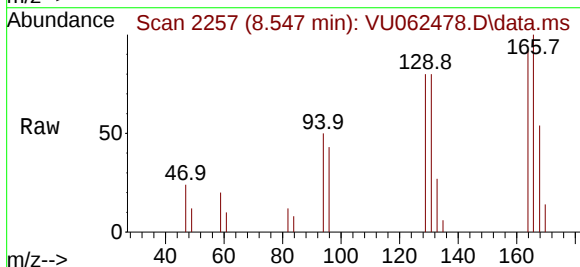
Ion Ratio Lower Upper

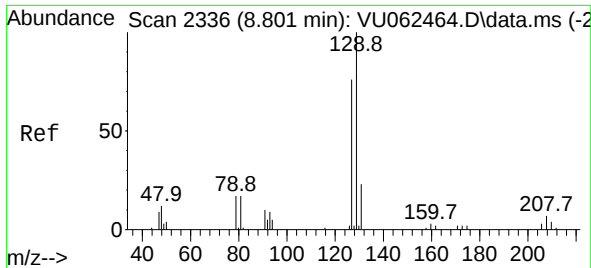
164 100

129 87.2 73.2 136.0

131 86.6 72.3 134.3

166 108.8 90.2 167.4





#49

Dibromochloromethane

Concen: 0.463 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062478.D

Acq: 19 Dec 2024 16:21

Instrument :

MSVOA_U

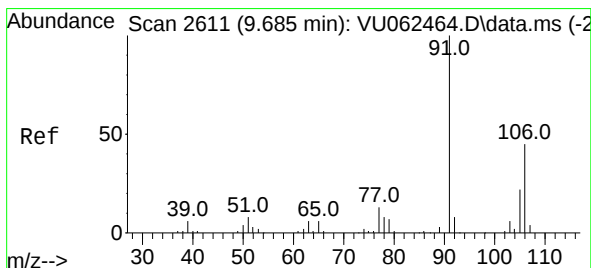
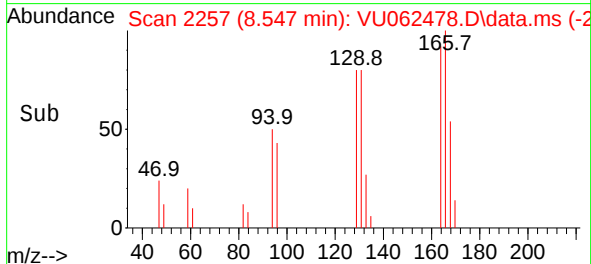
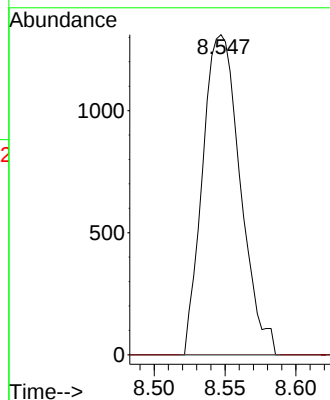
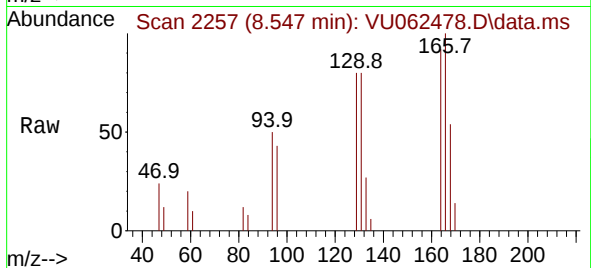
ClientSampleId :

Tgt Ion:129 Resp: 2423

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#53

m,p-Xylene

Concen: 0.123 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU062478.D

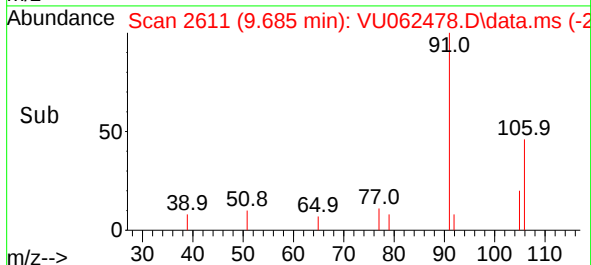
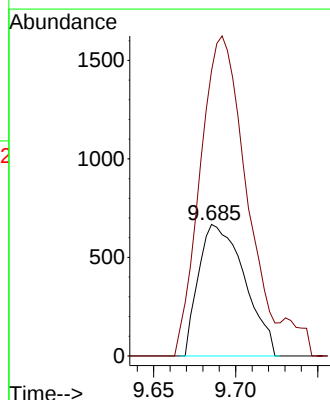
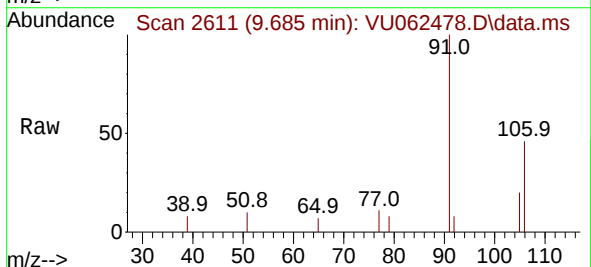
Acq: 19 Dec 2024 16:21

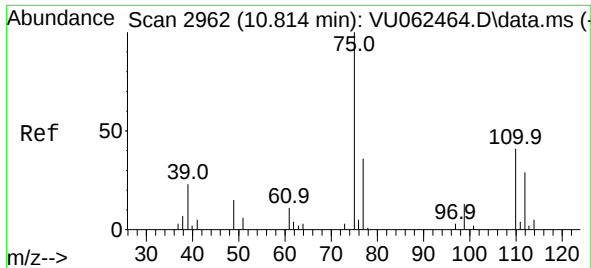
Tgt Ion:106 Resp: 1296

Ion Ratio Lower Upper

106 100

91 217.2 147.6 274.0





#61

1,2,3-Trichloropropane

Concen: 0.178 ug/L

RT: 10.528 min Scan# 21

Delta R.T. -0.286 min

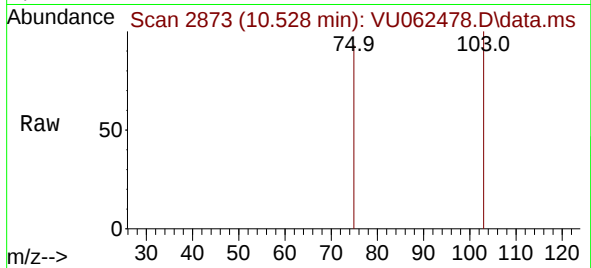
Lab File: VU062478.D

Acq: 19 Dec 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 577

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 0.0 26.5 39.7#

