

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062453.D
 Acq On : 19 Dec 2024 05:24
 Operator : MD/SY
 Sample : P5308-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 07:46:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 01:28:37 2024
 Response via : Initial Calibration

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

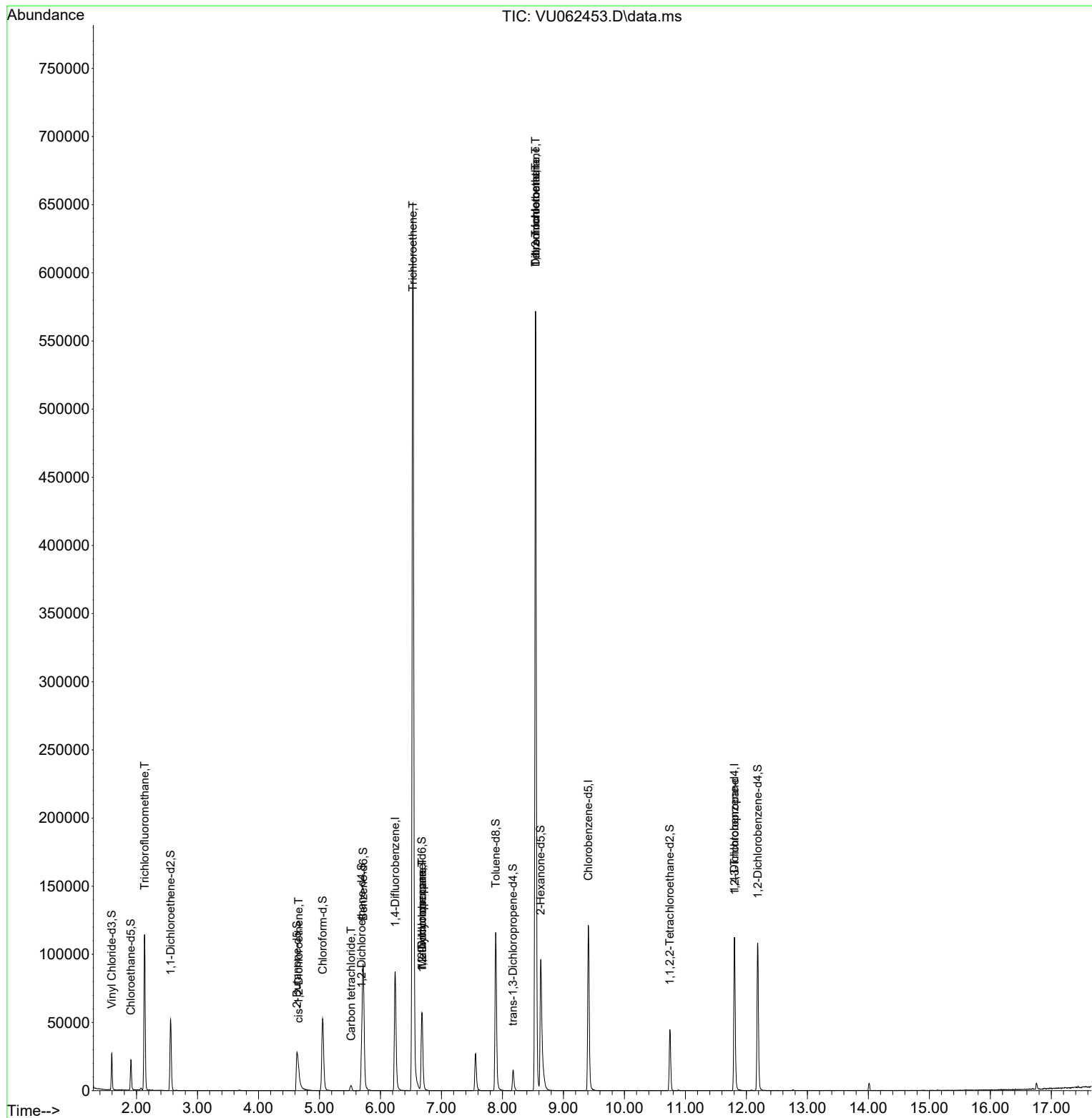
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	72069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18488	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.907	69	16504	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	9727	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.631	46	44663	45.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.840%
24) Chloroform-d	5.052	84	51814	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.692	65	29038	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.718	84	89954	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.679	67	27006	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	82190	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	10551	4.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.627	63	33488	42.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21345	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	30539	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.133	101	75402	7.553	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	2645	0.452	ug/L	95
31) Carbon tetrachloride	5.518	117	2686	0.289	ug/L	84
34) Trichloroethene	6.531	95	229190	36.227	ug/L	95
35) Methylcyclohexane	6.682	83	7405	0.789	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3293	0.605	ug/L #	87
45) 1,1,2-Trichloroethane	8.544	97	1118	0.272	ug/L #	33
47) Tetrachloroethene	8.544	164	125183	25.628	ug/L	96
49) Dibromochloromethane	8.544	129	124833	25.164	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	2968	0.980	ug/L #	65

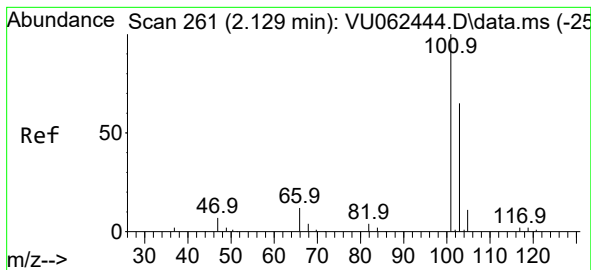
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 7.553 ug/L

RT: 2.133 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU062453.D

Acq: 19 Dec 2024 05:24

Instrument :

MSVOA_U

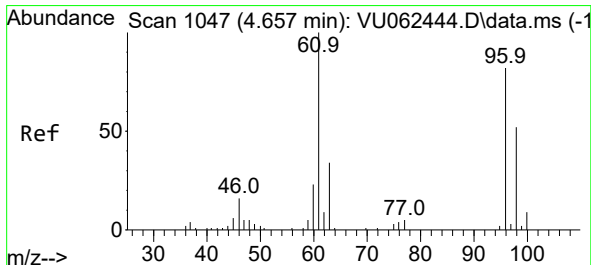
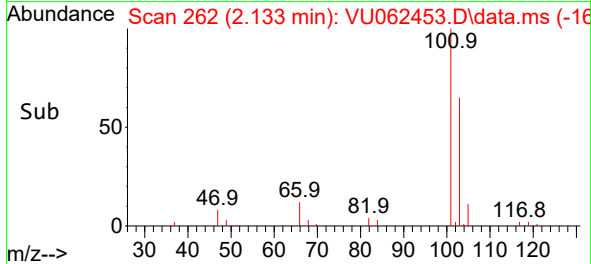
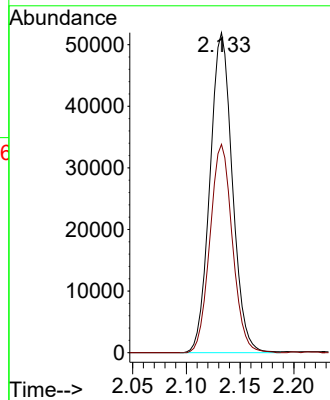
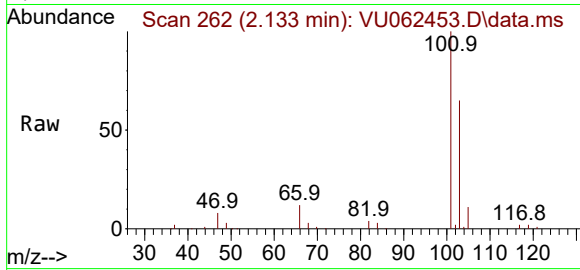
ClientSampleId :

Tgt Ion:101 Resp: 75402

Ion Ratio Lower Upper

101 100

103 65.1 50.6 75.8



#22

cis-1,2-Dichloroethene

Concen: 0.452 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU062453.D

Acq: 19 Dec 2024 05:24

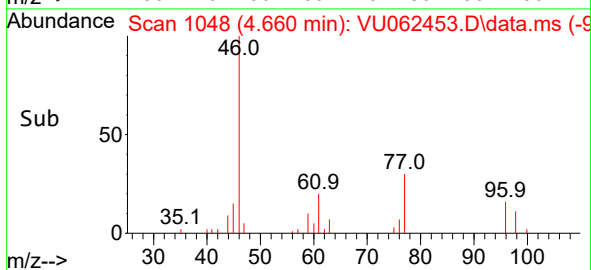
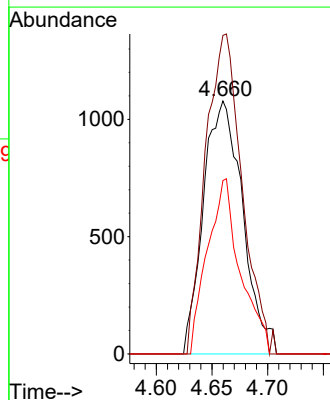
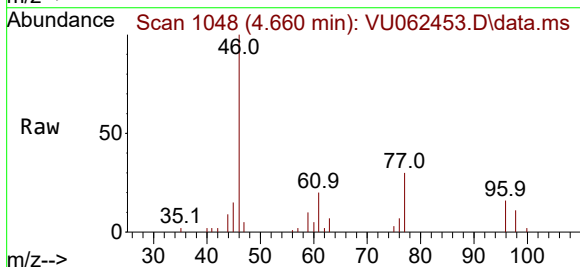
Tgt Ion: 96 Resp: 2645

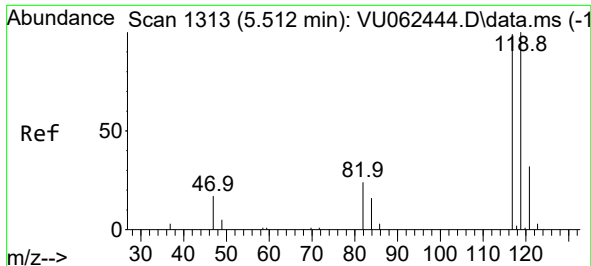
Ion Ratio Lower Upper

96 100

61 126.0 92.0 170.8

98 68.6 44.5 82.7

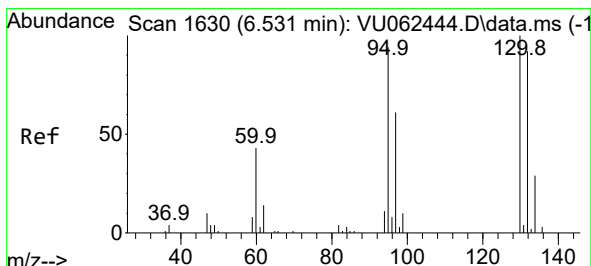
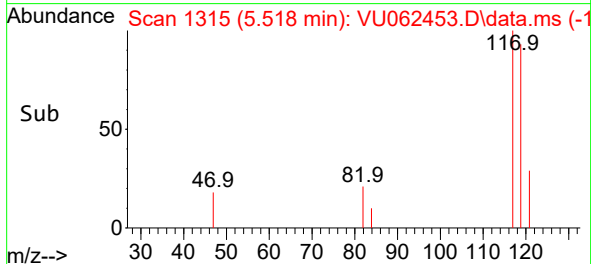
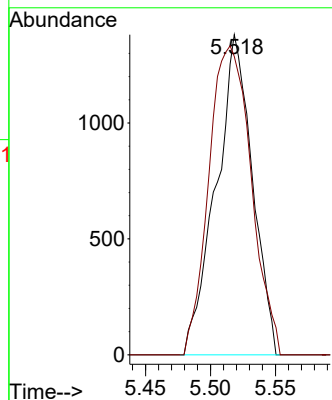
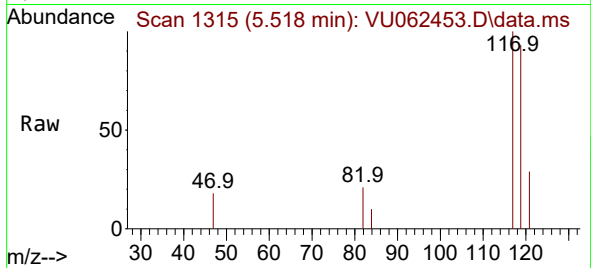




#31
Carbon tetrachloride
Concen: 0.289 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU062453.D
Acq: 19 Dec 2024 05:24

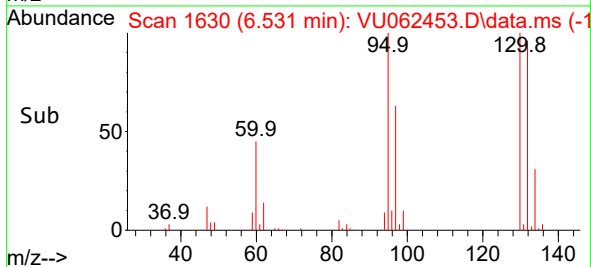
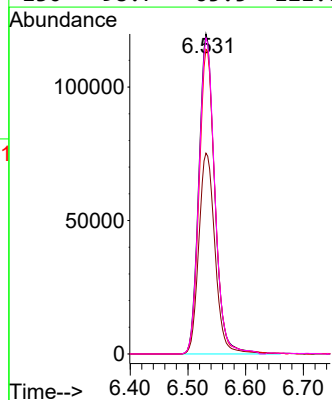
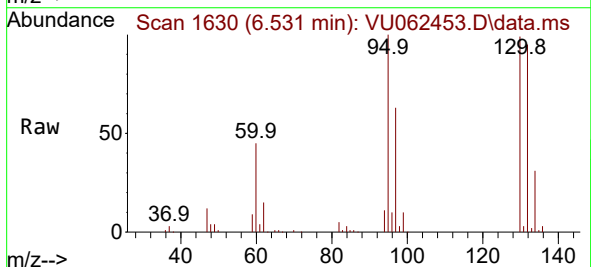
Instrument :
MSVOA_U
ClientSampleId :

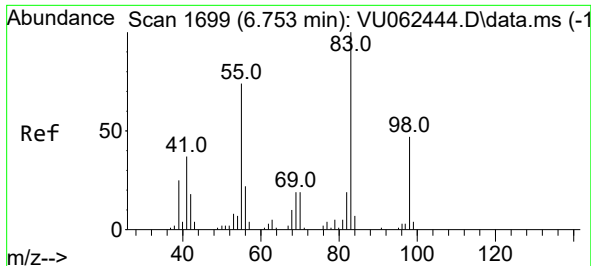
Tgt Ion:117 Resp: 2686
Ion Ratio Lower Upper
117 100
119 112.6 77.5 116.3



#34
Trichloroethene
Concen: 36.227 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062453.D
Acq: 19 Dec 2024 05:24

Tgt Ion: 95 Resp: 229190
Ion Ratio Lower Upper
95 100
97 62.8 45.9 85.3
132 95.2 63.8 118.4
130 98.7 65.5 121.7

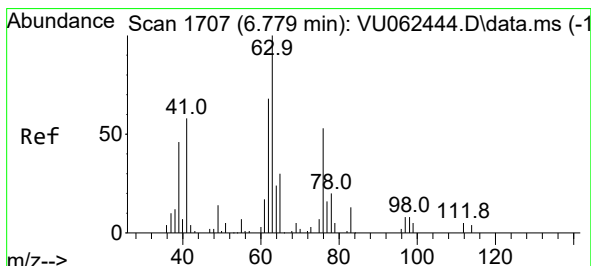
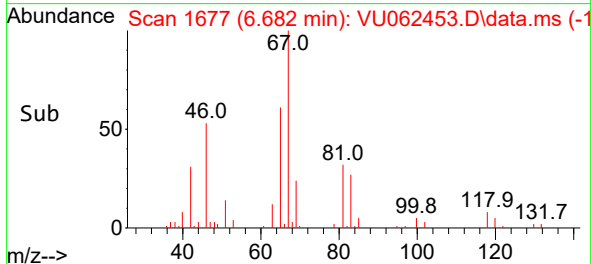
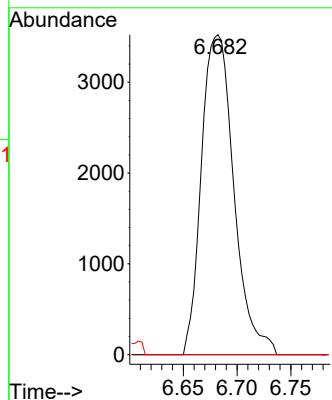
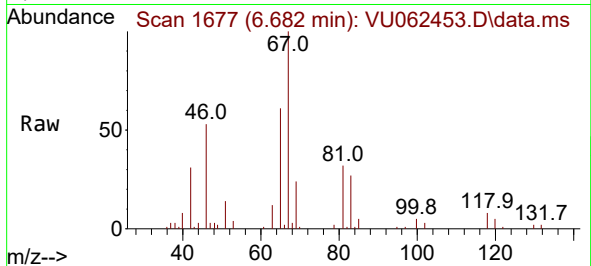




#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062453.D
Acq: 19 Dec 2024 05:24

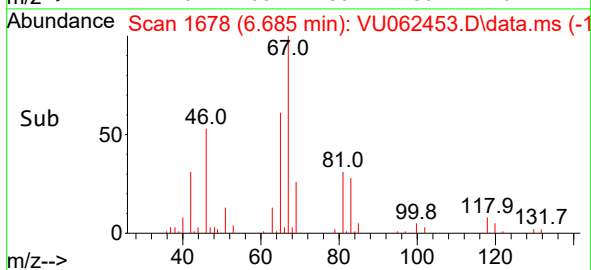
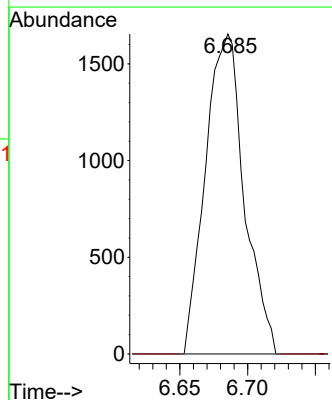
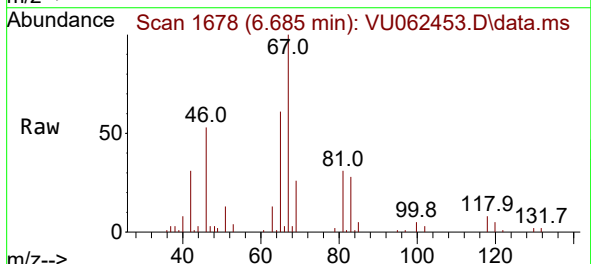
Instrument :
MSVOA_U
ClientSampleId :

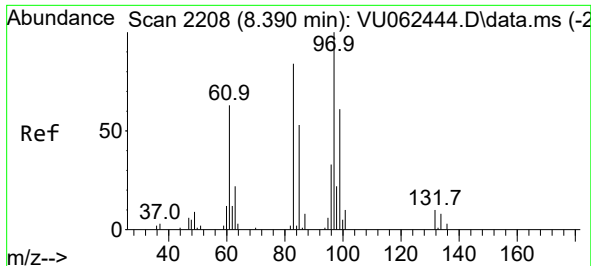
Tgt Ion: 83 Resp: 7405
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.093 min
Lab File: VU062453.D
Acq: 19 Dec 2024 05:24

Tgt Ion: 63 Resp: 3293
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#45

1,1,2-Trichloroethane

Concen: 0.272 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.154 min

Lab File: VU062453.D

Acq: 19 Dec 2024 05:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1118

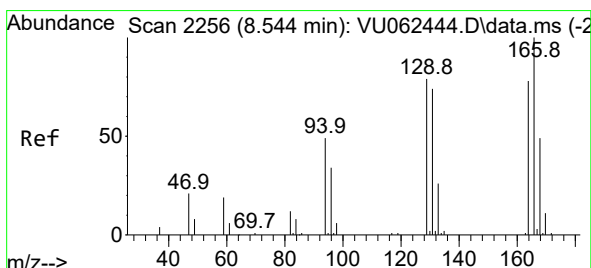
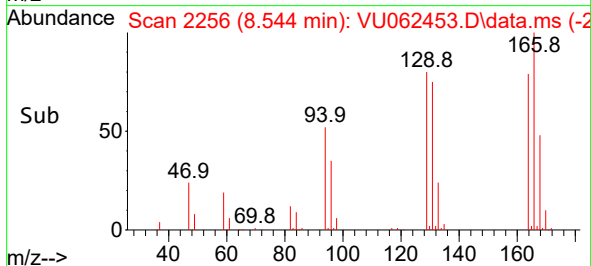
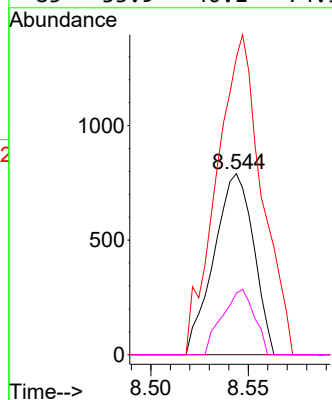
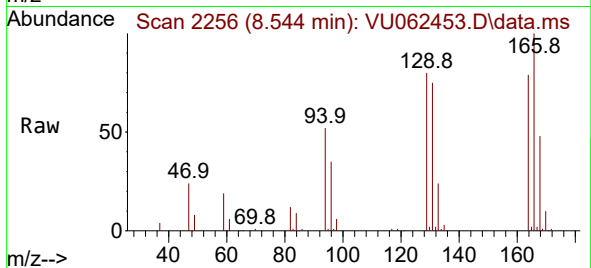
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 164.2 61.7 114.5#

85 33.9 40.1 74.5#



#47

Tetrachloroethene

Concen: 25.628 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062453.D

Acq: 19 Dec 2024 05:24

Tgt Ion:164 Resp: 125183

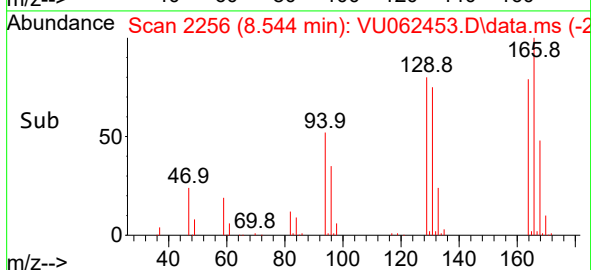
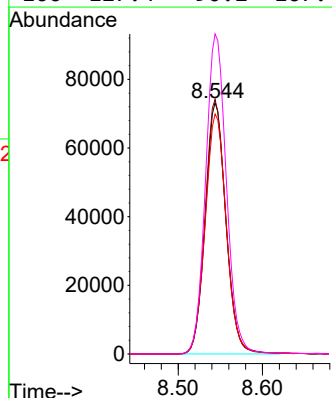
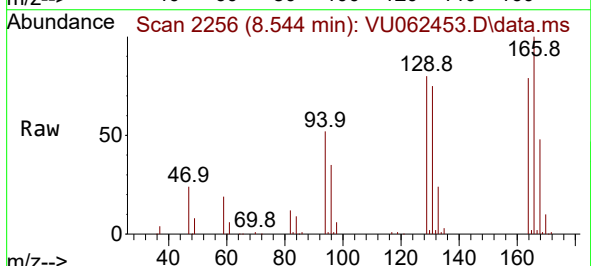
Ion Ratio Lower Upper

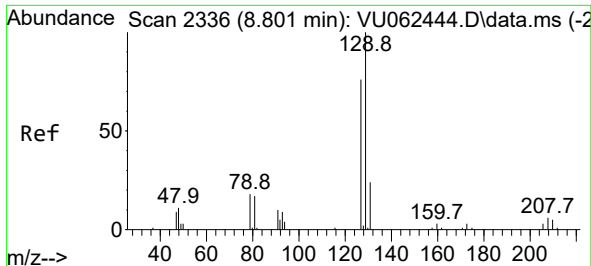
164 100

129 101.3 73.2 136.0

131 95.6 72.3 134.3

166 127.4 90.2 167.4





#49

Dibromochloromethane

Concen: 25.164 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062453.D

Acq: 19 Dec 2024 05:24

Instrument :

MSVOA_U

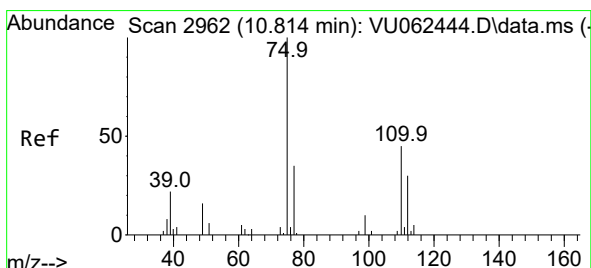
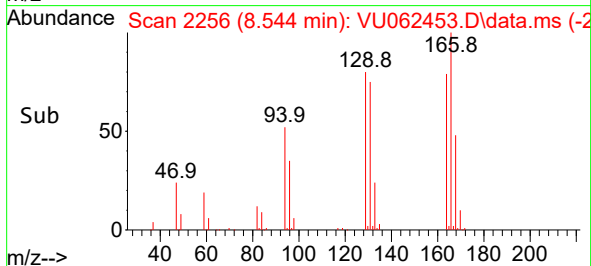
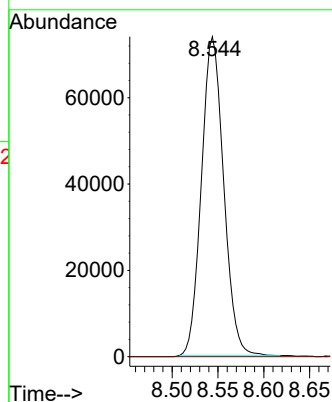
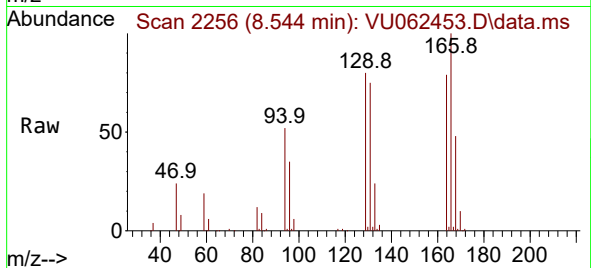
ClientSampleId :

Tgt Ion:129 Resp: 124833

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU062453.D

Acq: 19 Dec 2024 05:24

Tgt Ion: 75 Resp: 2968

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 36.5 26.5 39.7

