

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062492.D
 Acq On : 20 Dec 2024 01:05
 Operator : MD/SY
 Sample : P5308-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 01:28:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 01:26:48 2024
 Response via : Initial Calibration

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

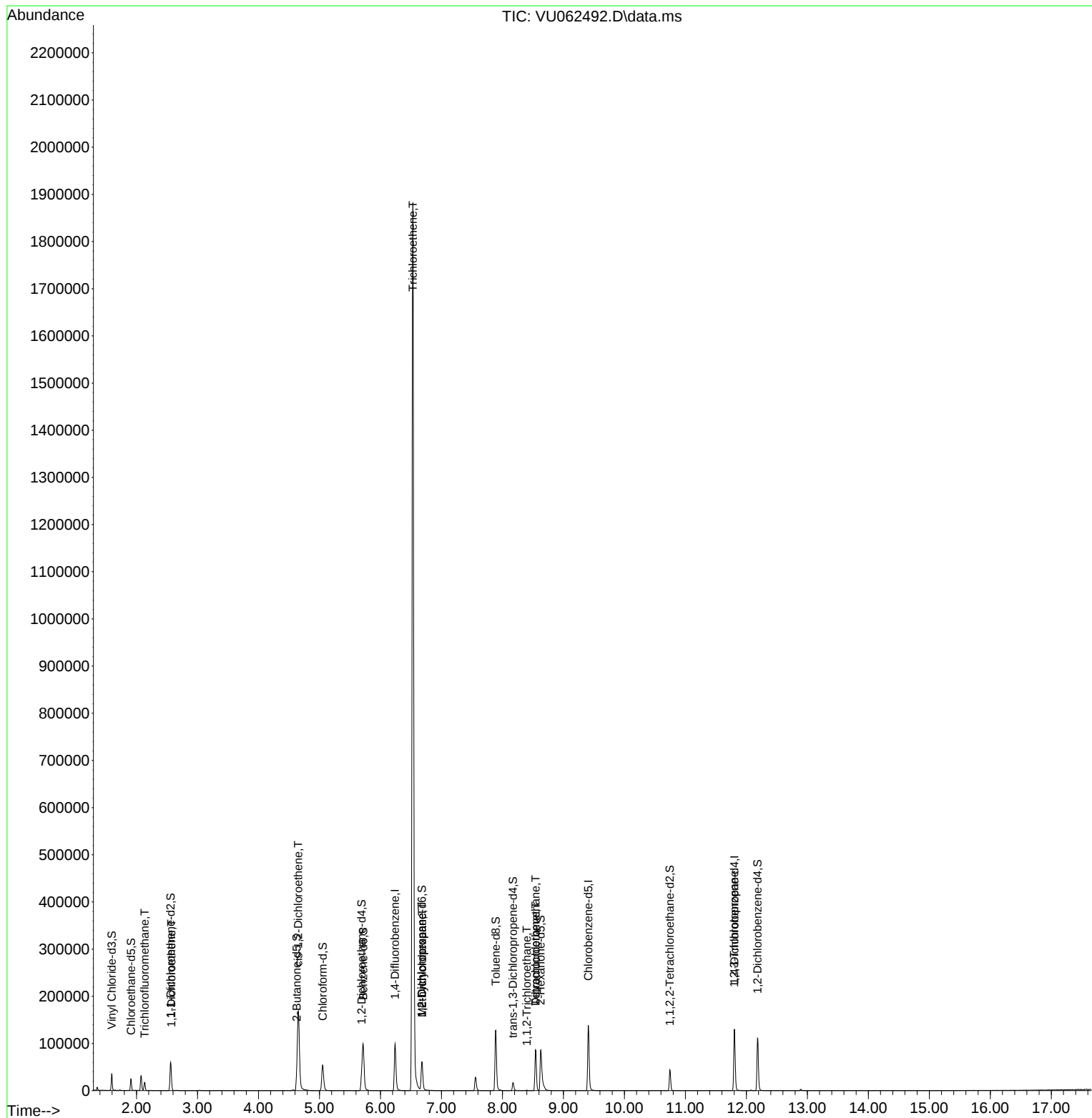
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	82962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22293	3.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	17824	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	11121	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.628	46	42564	39.689	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.380%
24) Chloroform-d	5.052	84	53415	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	30069	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.718	84	95503	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	26570	4.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.891	98	90288	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	11760	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.627	63	31775	36.571	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20664	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	31608	4.583	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	11611	1.055	ug/L	99
12) 1,1-Dichloroethene	2.570	96	1070	0.191	ug/L #	1
22) cis-1,2-Dichloroethene	4.653	96	88397	13.703	ug/L	94
34) Trichloroethene	6.531	95	653732	93.797	ug/L	97
35) Methylcyclohexane	6.682	83	7490	0.725	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3477	0.580	ug/L #	87
45) 1,1,2-Trichloroethane	8.399	97	405	0.090	ug/L	89
47) Tetrachloroethene	8.544	164	18861	3.505	ug/L	98
49) Dibromochloromethane	8.544	129	19661	3.598	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	3950	1.141	ug/L #	68

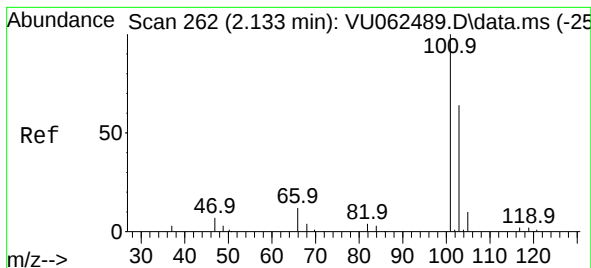
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.055 ug/L

RT: 2.132 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU062492.D

Acq: 20 Dec 2024 01:05

Instrument :

MSVOA_U

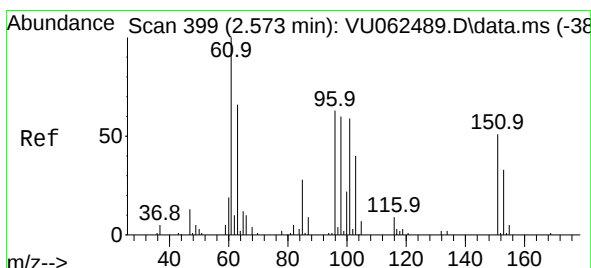
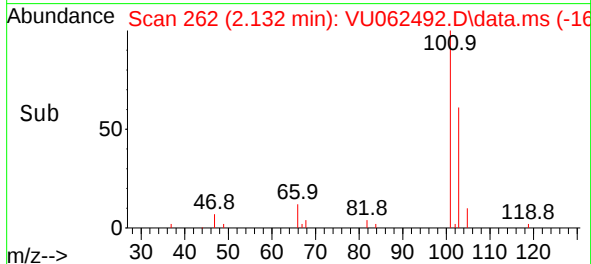
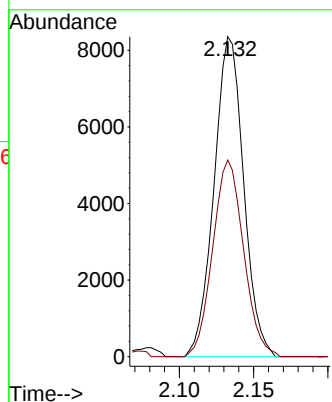
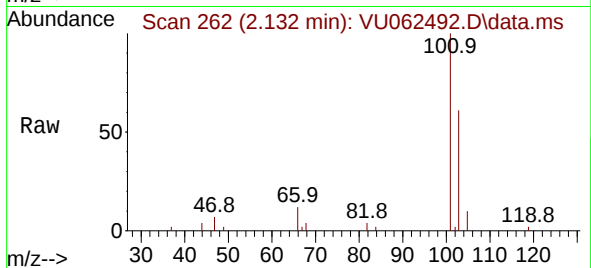
ClientSampleId :

Tgt Ion:101 Resp: 11611

Ion Ratio Lower Upper

101 100

103 63.8 50.6 75.8



#12

1,1-Dichloroethene

Concen: 0.191 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU062492.D

Acq: 20 Dec 2024 01:05

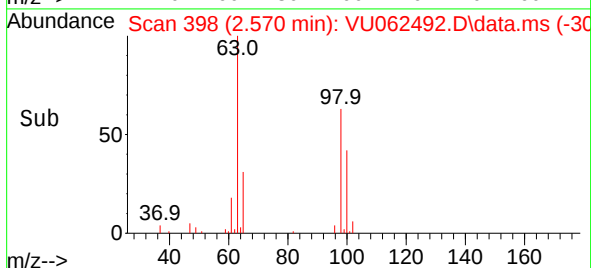
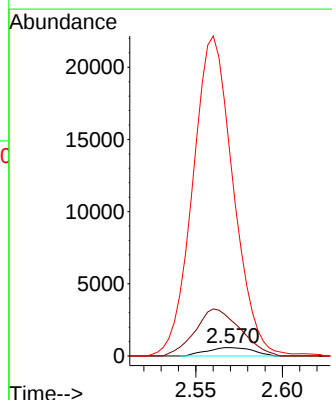
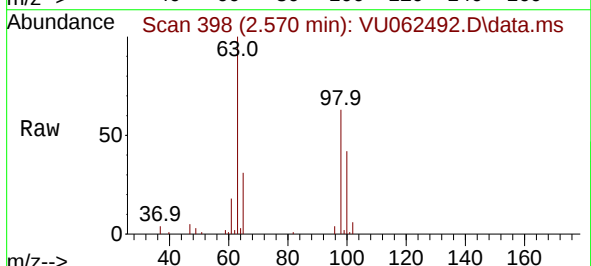
Tgt Ion: 96 Resp: 1070

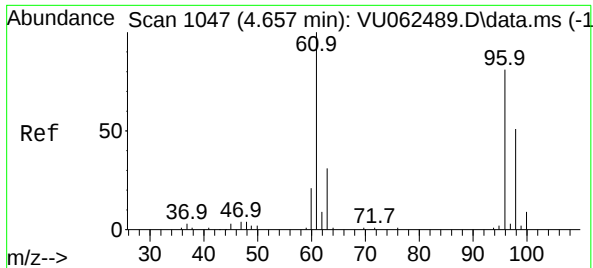
Ion Ratio Lower Upper

96 100

61 436.1 119.6 222.2#

63 2390.5 65.0 120.6#

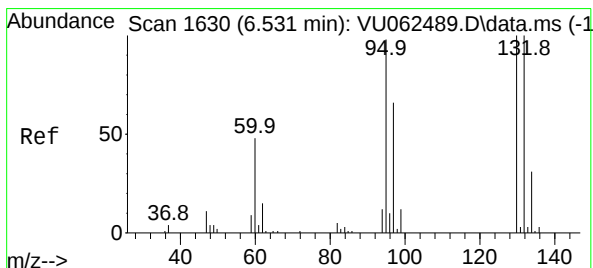
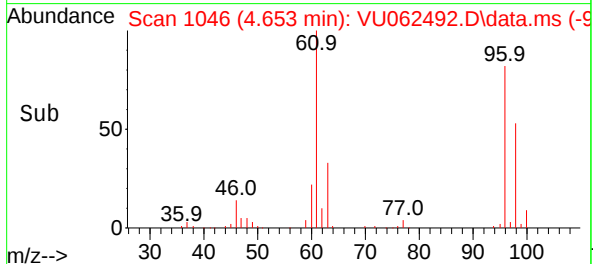
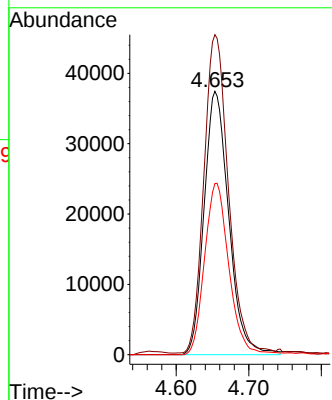
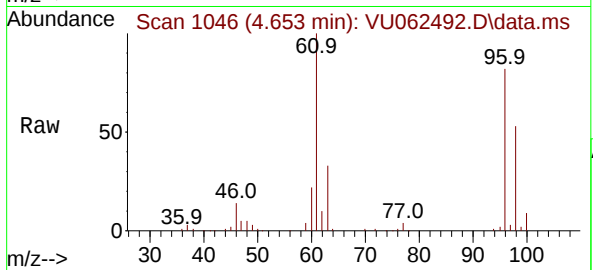




#22
cis-1,2-Dichloroethene
Concen: 13.703 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062492.D
Acq: 20 Dec 2024 01:05

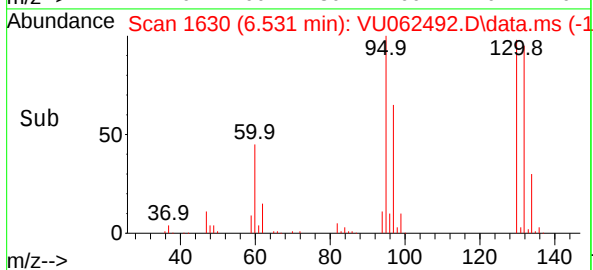
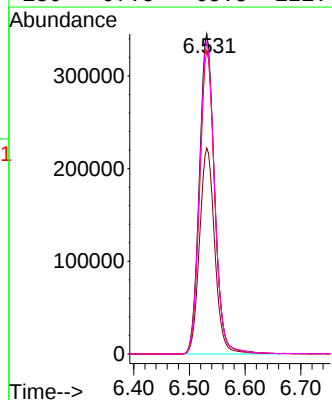
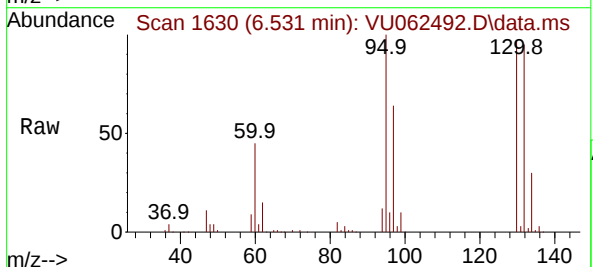
Instrument :
MSVOA_U
ClientSampleId :

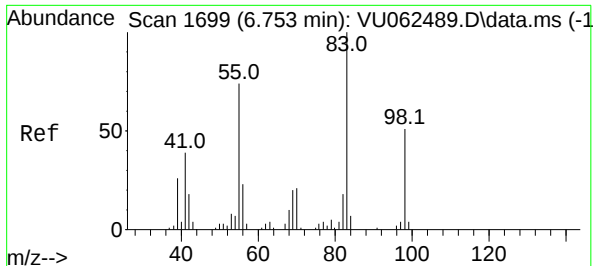
Tgt Ion: 96 Resp: 88397
Ion Ratio Lower Upper
96 100
61 121.5 92.0 170.8
98 65.0 44.5 82.7



#34
Trichloroethene
Concen: 93.797 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062492.D
Acq: 20 Dec 2024 01:05

Tgt Ion: 95 Resp: 653732
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 94.8 63.8 118.4
130 97.5 65.5 121.7





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062492.D

Acq: 20 Dec 2024 01:05

Instrument :

MSVOA_U

ClientSampleId :

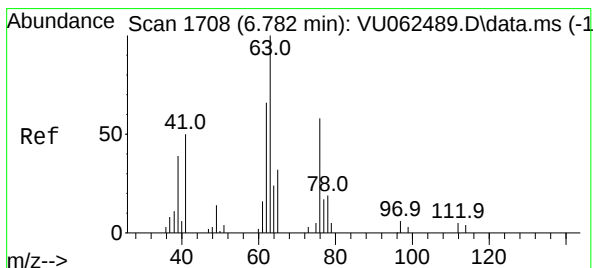
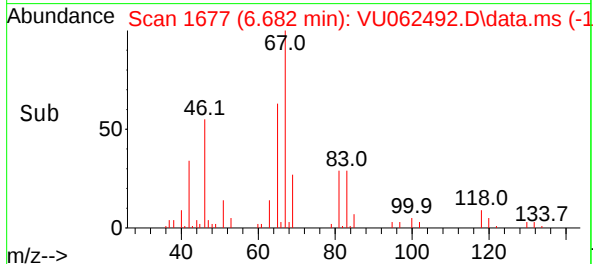
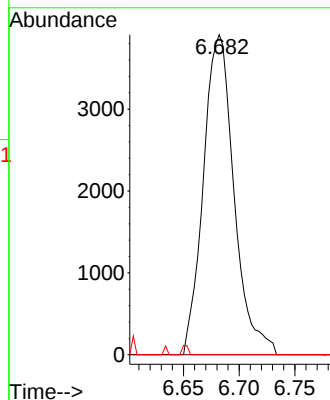
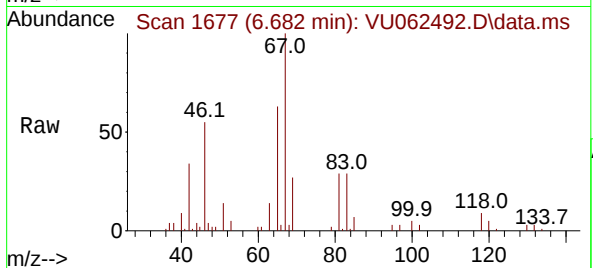
Tgt Ion: 83 Resp: 7490

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: 0.580 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062492.D

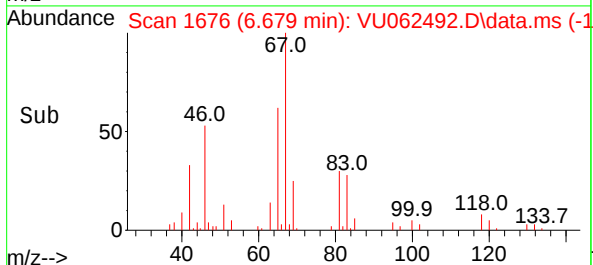
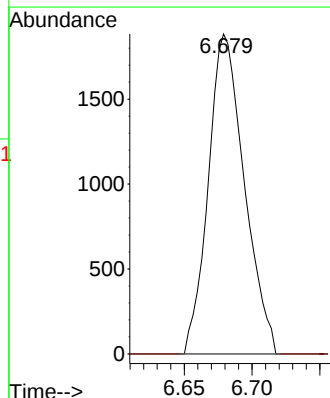
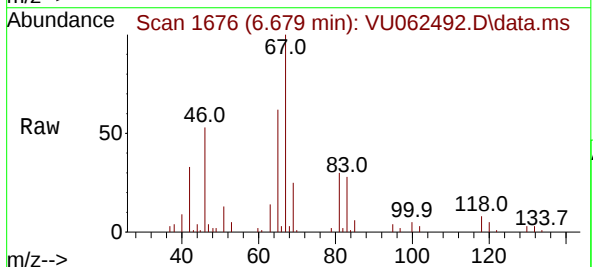
Acq: 20 Dec 2024 01:05

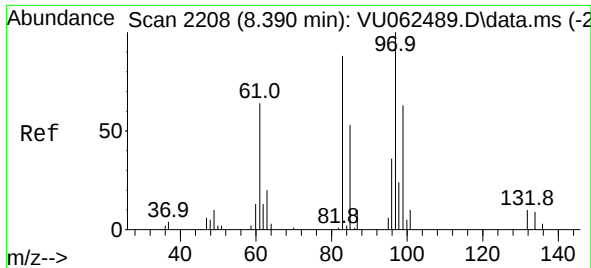
Tgt Ion: 63 Resp: 3477

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



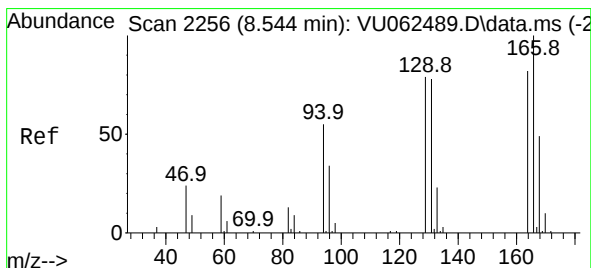
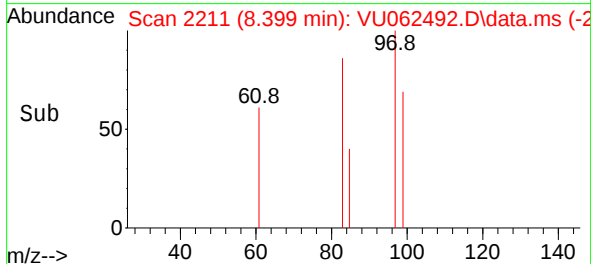
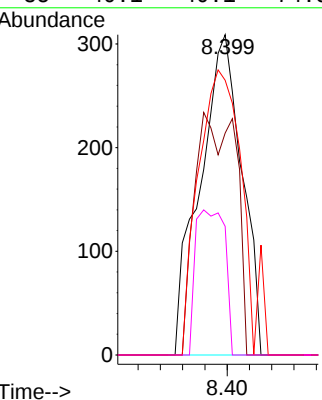
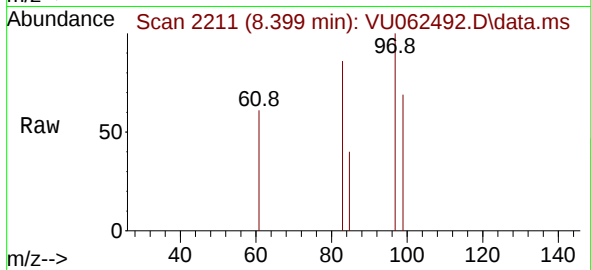


#45
1,1,2-Trichloroethane
Concen: 0.090 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.010 min
Lab File: VU062492.D
Acq: 20 Dec 2024 01:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 405

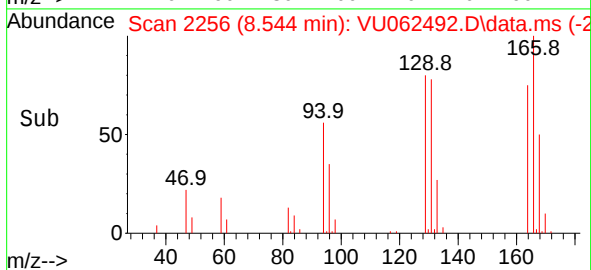
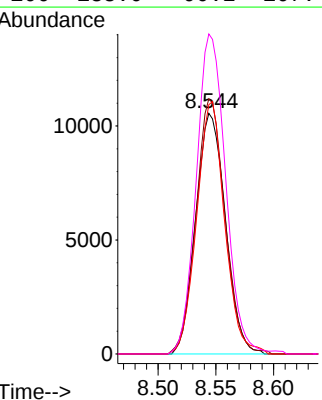
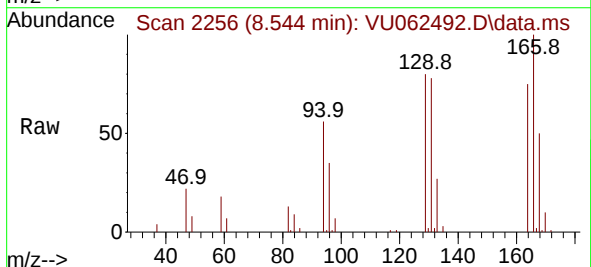
Ion	Ratio	Lower	Upper
97	100		
99	69.3	43.0	79.8
83	85.8	61.7	114.5
85	40.1	40.1	74.5

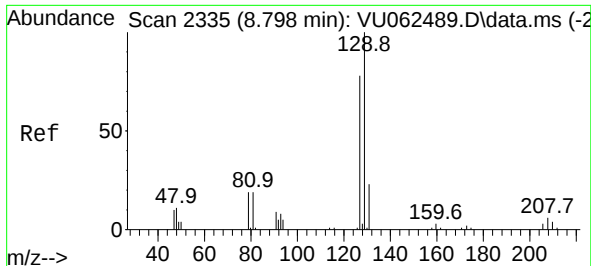


#47
Tetrachloroethene
Concen: 3.505 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062492.D
Acq: 20 Dec 2024 01:05

Tgt Ion: 164 Resp: 18861

Ion	Ratio	Lower	Upper
164	100		
129	106.0	73.2	136.0
131	103.6	72.3	134.3
166	133.0	90.2	167.4





#49

Dibromochloromethane

Concen: 3.598 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062492.D

Acq: 20 Dec 2024 01:05

Instrument :

MSVOA_U

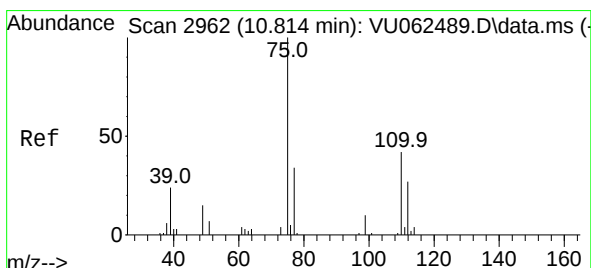
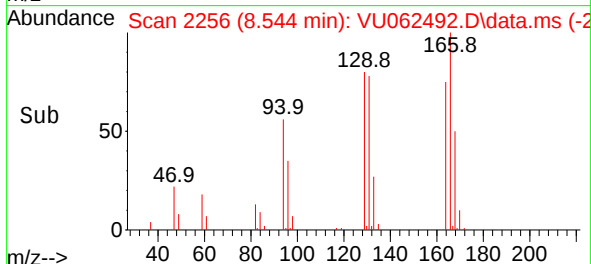
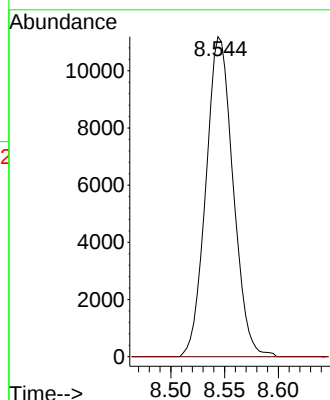
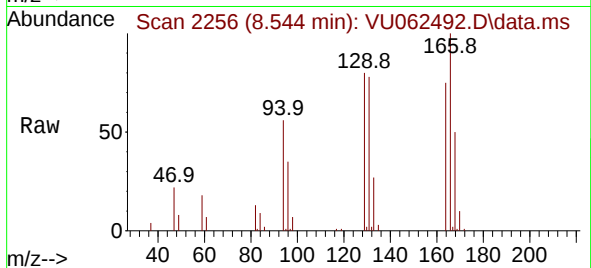
ClientSampleId :

Tgt Ion:129 Resp: 19661

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.141 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062492.D

Acq: 20 Dec 2024 01:05

Tgt Ion: 75 Resp: 3950

Ion Ratio Lower Upper

75 100

110 1.4 28.9 43.3#

77 34.4 26.5 39.7

