

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062364.D
 Acq On : 17 Dec 2024 03:10
 Operator : MD/SY
 Sample : P5274-06DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:26:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

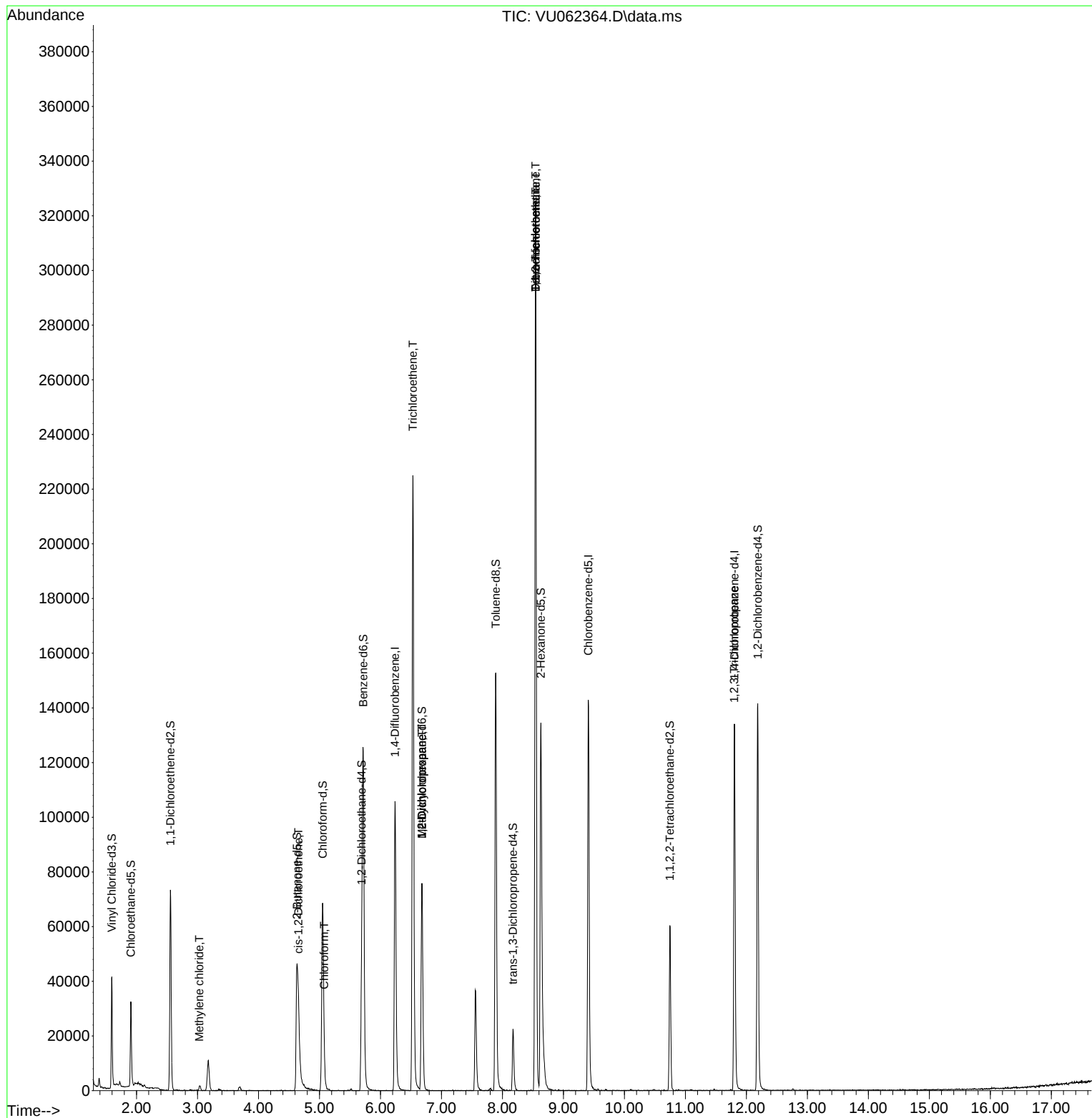
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28796	4.828	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.907	69	22598	5.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.557	65	13841	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.631	46	60000	52.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.980%
24) Chloroform-d	5.052	84	67661	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.692	65	35804	5.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.717	84	121197	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.679	67	36010	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	108859	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.174	79	14406	4.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.630	63	48826	52.664	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28416	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	40046	5.541	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
16) Methylene chloride	3.029	84	1116	0.178	ug/L	82
22) cis-1,2-Dichloroethene	4.656	96	8137	1.183	ug/L	92
25) Chloroform	5.078	83	3896	0.308	ug/L	93
34) Trichloroethene	6.531	95	78911	10.610	ug/L	97
35) Methylcyclohexane	6.679	83	9651	0.875	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4266	0.667	ug/L #	87
45) 1,1,2-Trichloroethane	8.544	97	685	0.142	ug/L #	48
47) Tetrachloroethene	8.544	164	72581	12.640	ug/L	95
49) Dibromochloromethane	8.544	129	72210	12.382	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	3774	1.041	ug/L #	62

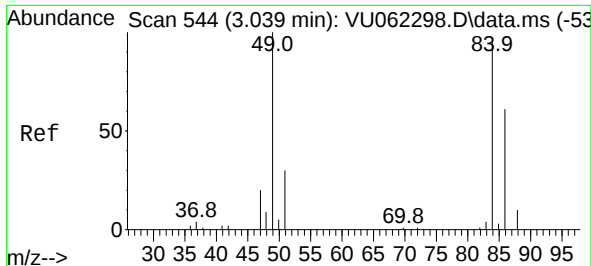
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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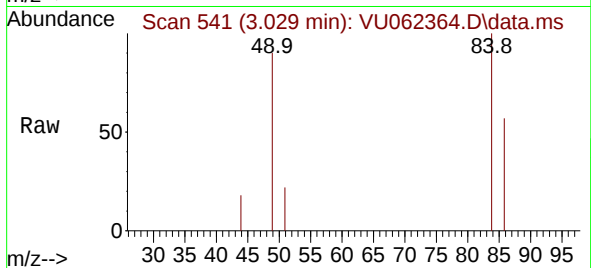
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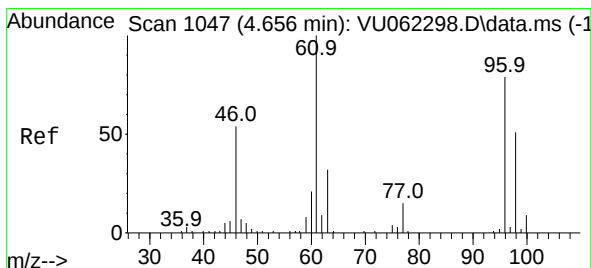
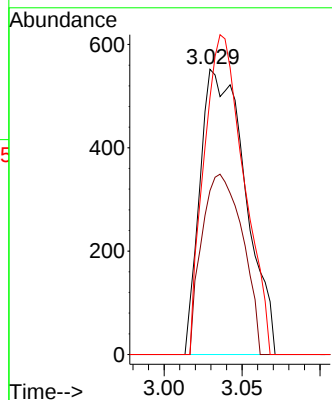
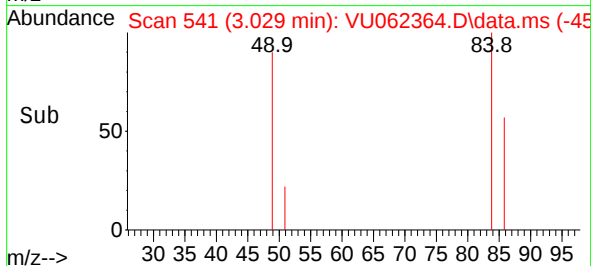


#16
Methylene chloride
Concen: 0.178 ug/L
RT: 3.029 min Scan# 544
Delta R.T. -0.010 min
Lab File: VU062364.D
Acq: 17 Dec 2024 03:10

Instrument :
MSVOA_U
ClientSampleId :

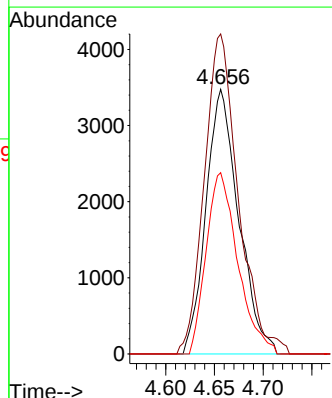
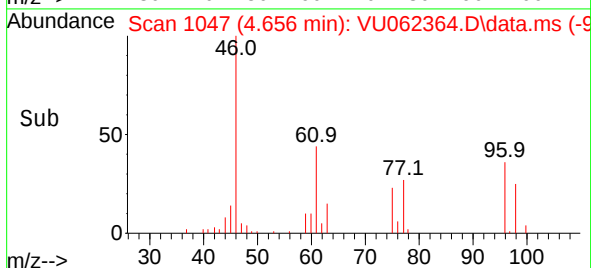
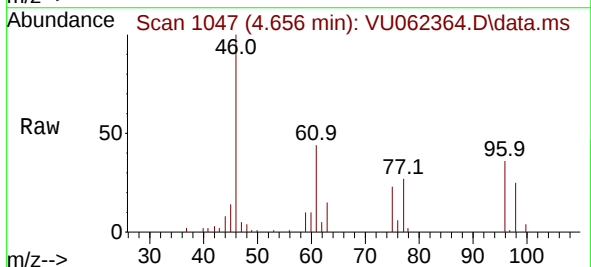


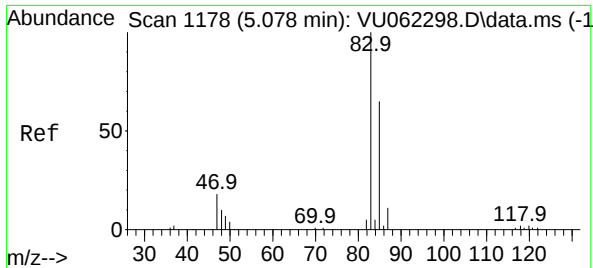
Tgt Ion: 84 Resp: 1116
Ion Ratio Lower Upper
84 100
86 57.4 43.5 80.7
49 90.0 81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 1.183 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062364.D
Acq: 17 Dec 2024 03:10

Tgt Ion: 96 Resp: 8137
Ion Ratio Lower Upper
96 100
61 120.9 92.0 170.8
98 68.5 44.5 82.7





#25

Chloroform

Concen: 0.308 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Instrument :

MSVOA_U

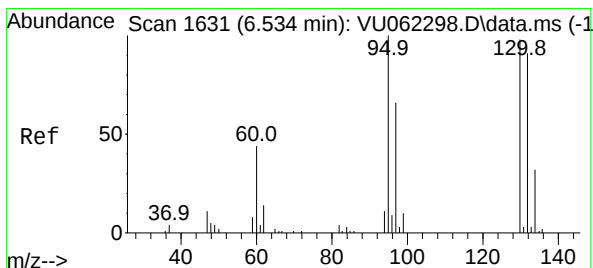
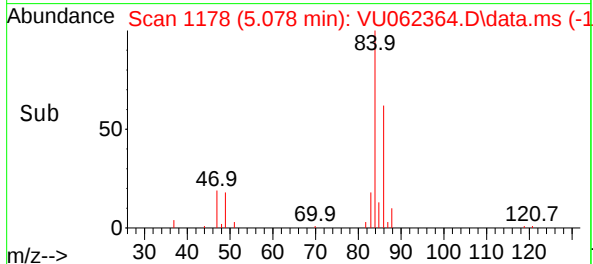
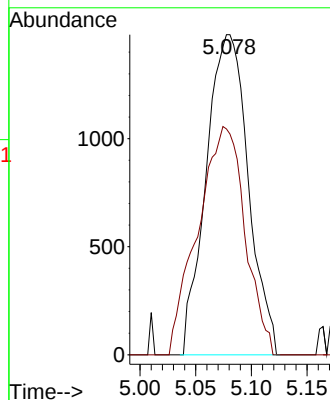
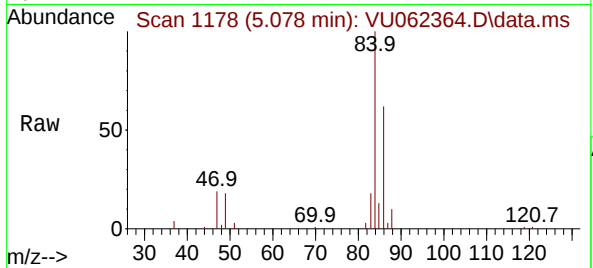
ClientSampleId :

Tgt Ion: 83 Resp: 3896

Ion Ratio Lower Upper

83 100

85 70.6 45.4 84.2



#34

Trichloroethene

Concen: 10.610 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.003 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Tgt Ion: 95 Resp: 78911

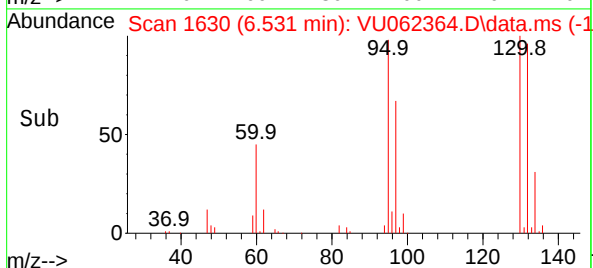
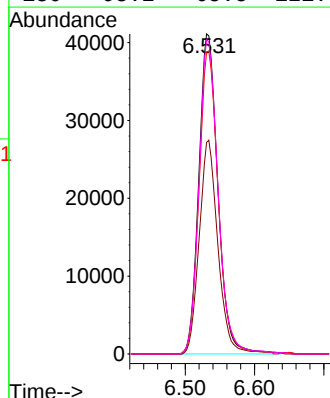
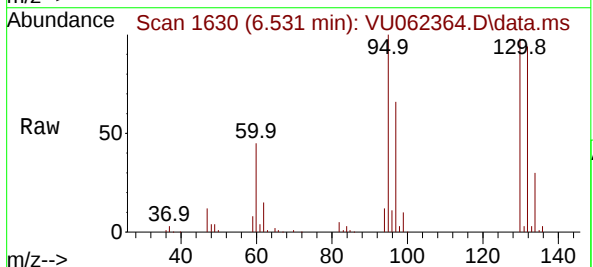
Ion Ratio Lower Upper

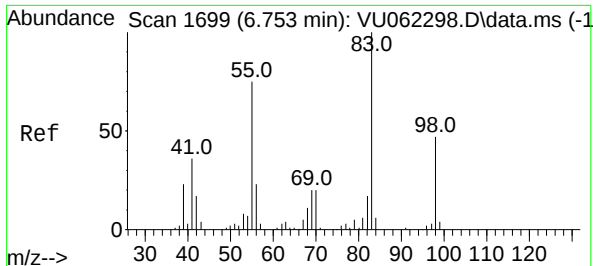
95 100

97 66.1 45.9 85.3

132 94.3 63.8 118.4

130 98.2 65.5 121.7





#35

Methylcyclohexane

Concen: 0.875 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062364.D

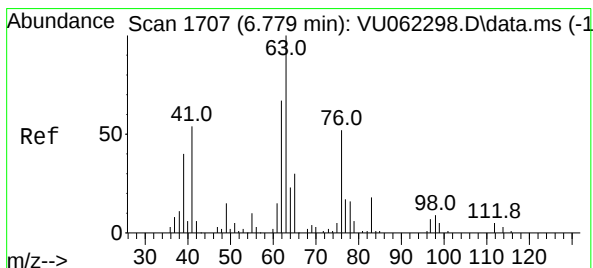
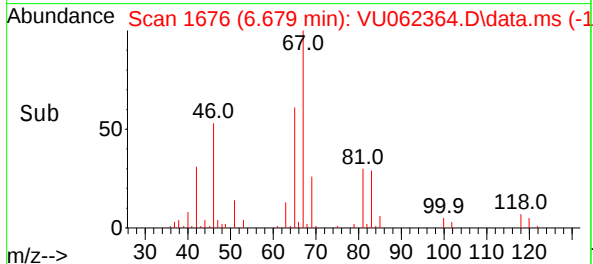
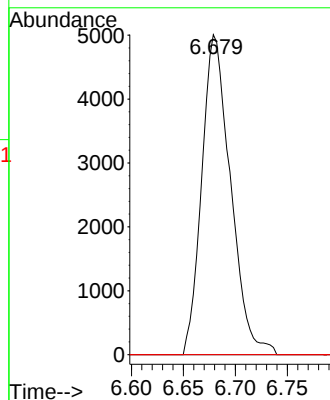
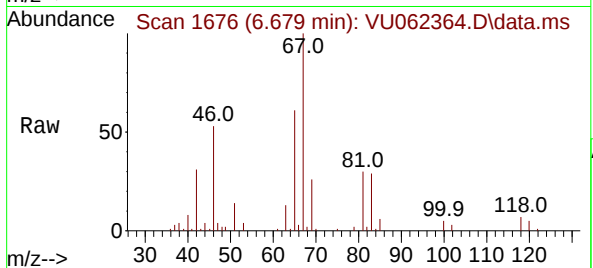
Acq: 17 Dec 2024 03:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9651
Ion Ratio	Lower	Upper
83	100	
55	0.0	60.7 91.1#
98	0.7	34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.667 ug/L

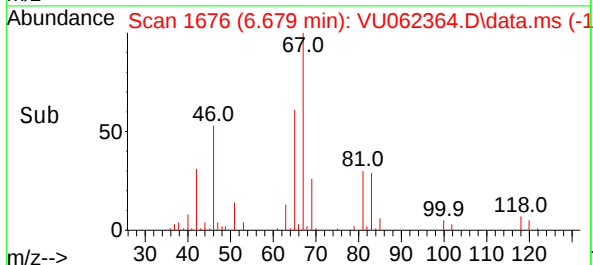
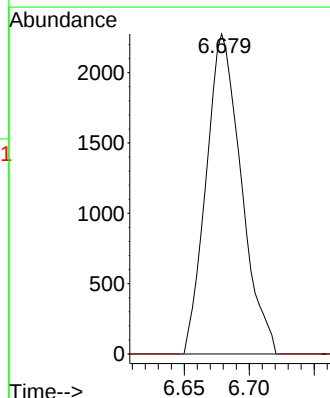
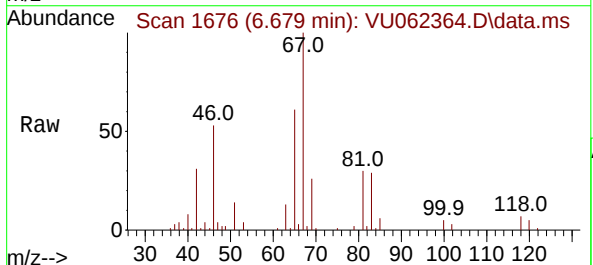
RT: 6.679 min Scan# 1676

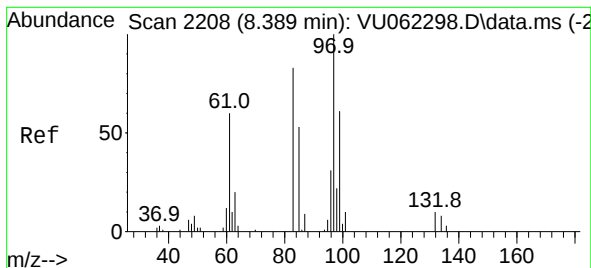
Delta R.T. -0.103 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Tgt Ion: 63	Resp:	4266
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.4 5.0#





#45

1,1,2-Trichloroethane

Concen: 0.142 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.151 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 685

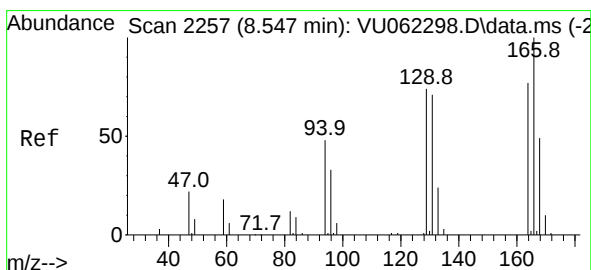
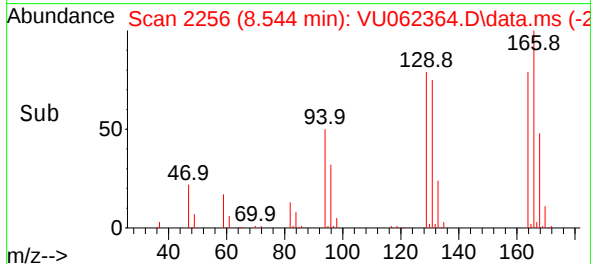
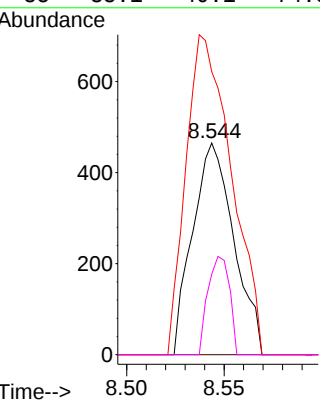
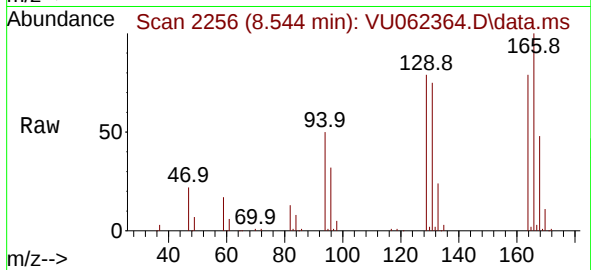
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 133.8 61.7 114.5#

85 38.1 40.1 74.5#



#47

Tetrachloroethene

Concen: 12.640 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Tgt Ion:164 Resp: 72581

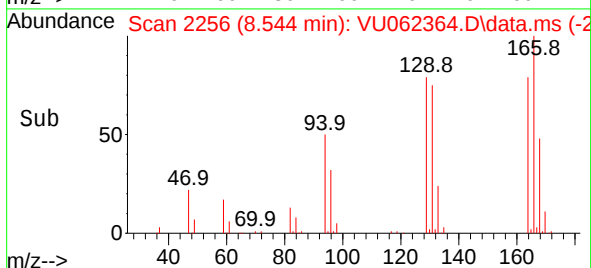
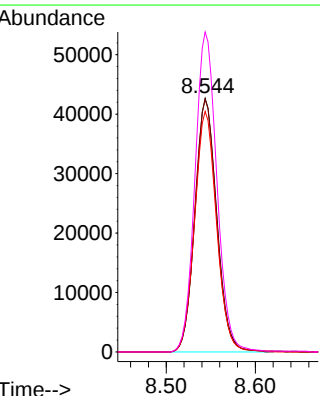
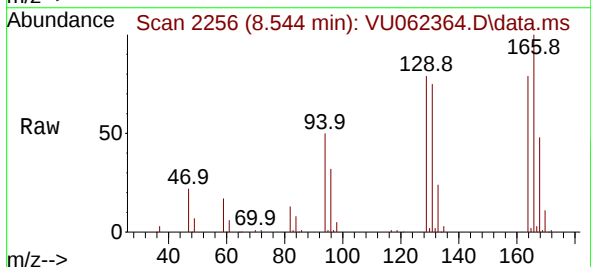
Ion Ratio Lower Upper

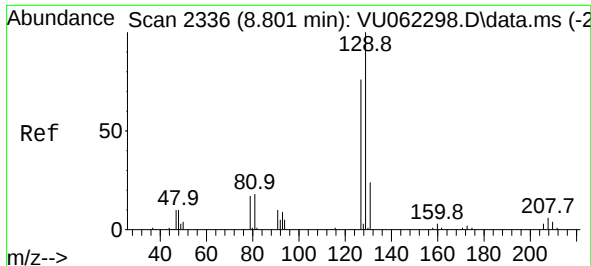
164 100

129 99.6 73.2 136.0

131 94.8 72.3 134.3

166 126.2 90.2 167.4





#49

Dibromochloromethane

Concen: 12.382 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Instrument :

MSVOA_U

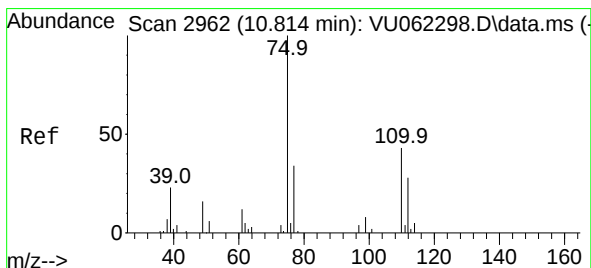
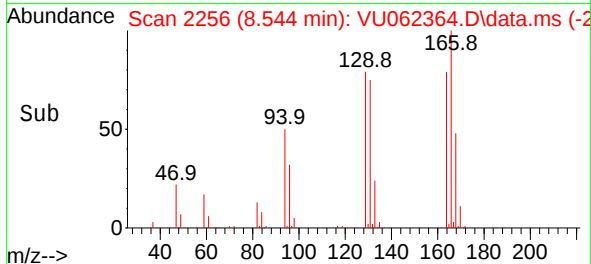
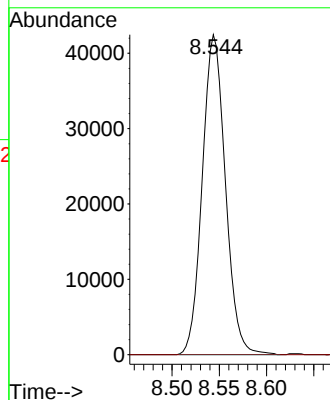
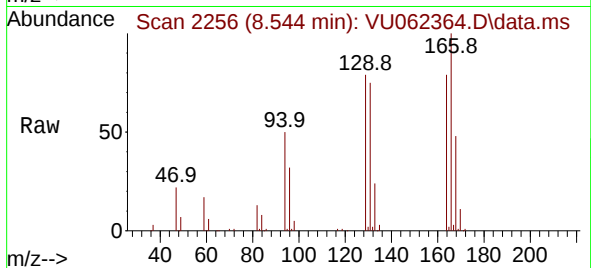
ClientSampleId :

Tgt Ion:129 Resp: 72210

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.041 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062364.D

Acq: 17 Dec 2024 03:10

Tgt Ion: 75 Resp: 3774

Ion Ratio Lower Upper

75 100

110 1.1 28.9 43.3#

77 40.9 26.5 39.7#

