

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025224.D
 Acq On : 18 Nov 2021 21:07
 Operator : JC/MD
 Sample : M4677-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 05:30:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

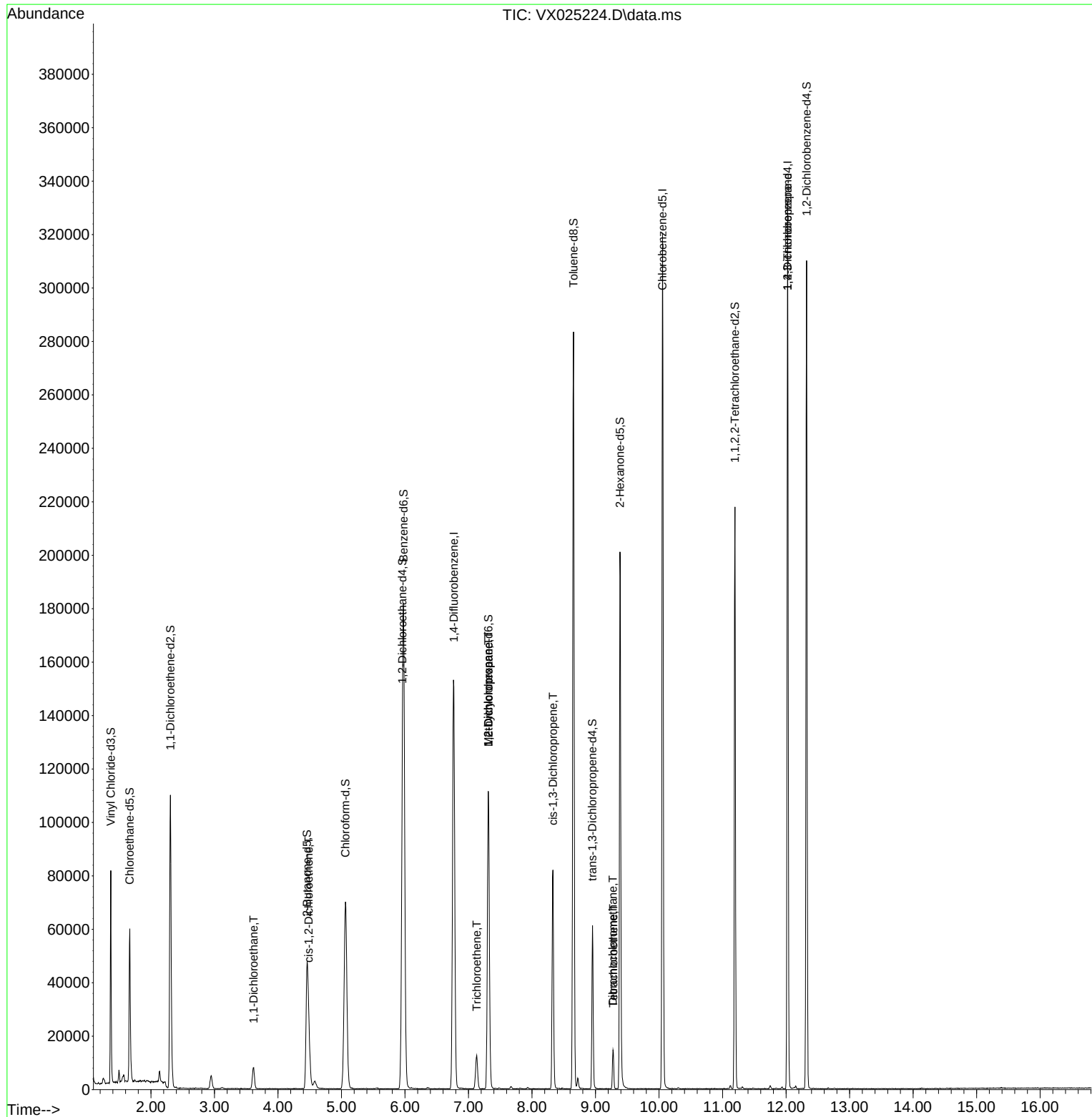
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	168828	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	152072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	46252	40.552	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.100%	
7) Chloroethane-d5	1.666	69	40160	61.780	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	123.560%	
11) 1,1-Dichloroethene-d2	2.306	63	60197	30.686	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.380%	
21) 2-Butanone-d5	4.458	46	80079	92.908	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	92.910%	
24) Chloroform-d	5.062	84	88539	44.126	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.260%	
26) 1,2-Dichloroethane-d4	5.958	65	57179	47.014	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.020%	
32) Benzene-d6	5.976	84	184957	44.563	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.120%	
36) 1,2-Dichloropropane-d6	7.311	67	56439	44.534	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.060%	
41) Toluene-d8	8.653	98	169017	42.642	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.280%	
43) trans-1,3-Dichloroprop...	8.951	79	27734	40.313	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.620%	
47) 2-Hexanone-d5	9.384	63	61309	90.089	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.090%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81369	44.578	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.160%	
66) 1,2-Dichlorobenzene-d4	12.323	152	65928	46.328	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.660%	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.617	63	9080	4.592	ug/L	93
20) cis-1,2-Dichloroethene	4.483	96	3275	2.532	ug/L	86
34) Trichloroethene	7.129	95	3988	3.266	ug/L	86
35) Methylcyclohexane	7.311	83	14068	6.814	ug/L #	23
37) 1,2-Dichloropropane	7.311	63	6210	5.306	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1849	0.962	ug/L #	67
46) Tetrachloroethene	9.281	164	2759	2.708	ug/L	78
49) Dibromochloromethane	9.274	129	2571	1.906	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	8065	5.966	ug/L #	61

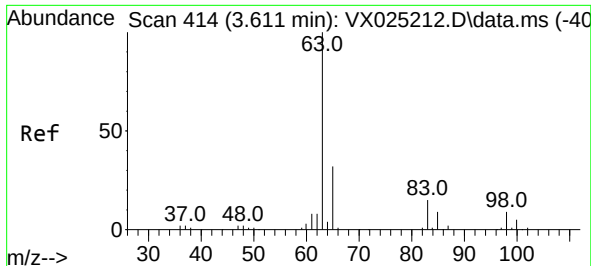
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 4.592 ug/L

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX025224.D

Acq: 18 Nov 2021 21:07

Instrument :

MSVOA_X

ClientSampleId :

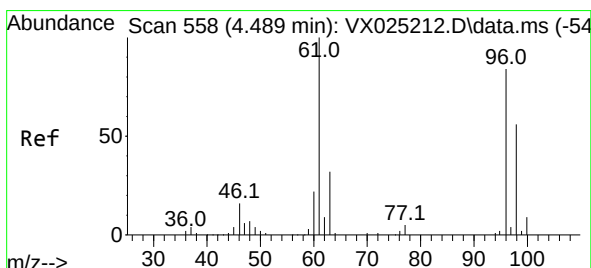
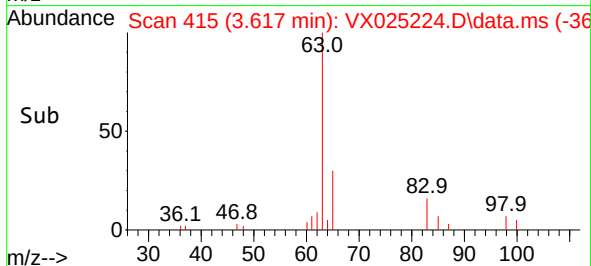
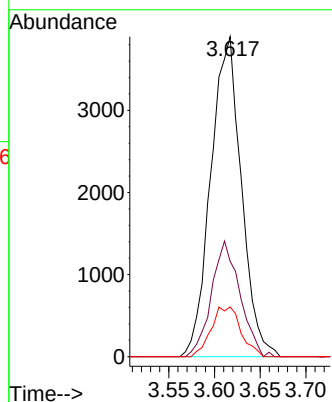
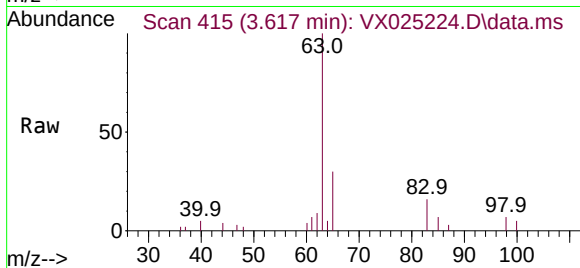
Tgt Ion: 63 Resp: 9080

Ion Ratio Lower Upper

63 100

65 29.8 24.5 45.5

83 15.5 11.7 21.7



#20

cis-1,2-Dichloroethene

Concen: 2.532 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX025224.D

Acq: 18 Nov 2021 21:07

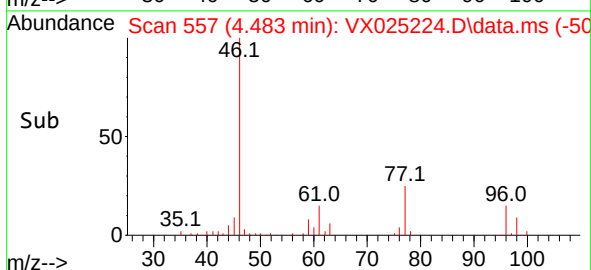
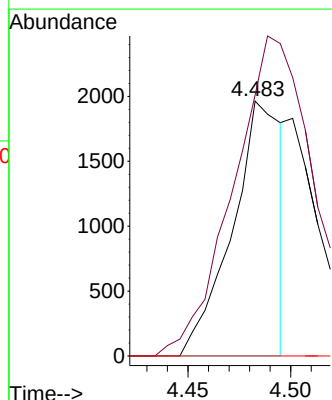
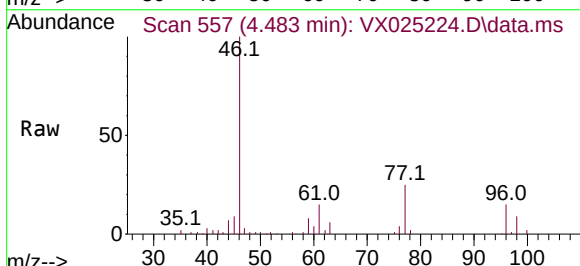
Tgt Ion: 96 Resp: 3275

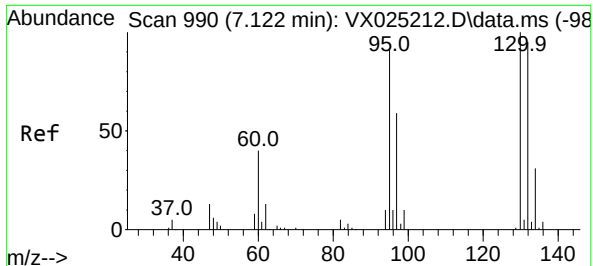
Ion Ratio Lower Upper

96 100

61 102.3 82.6 153.4

68 0.0 0.0 0.0



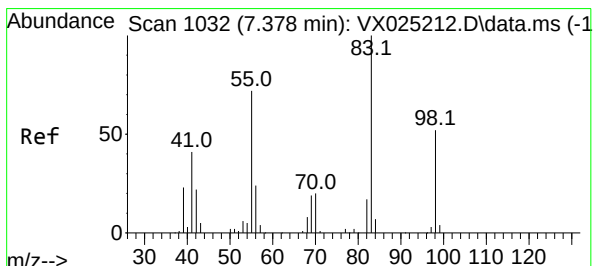
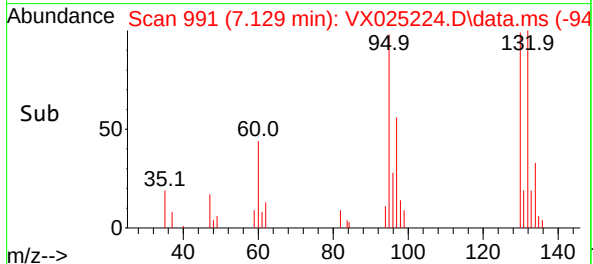
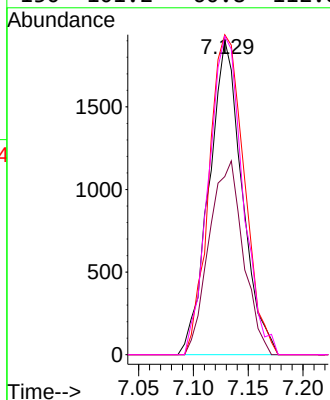
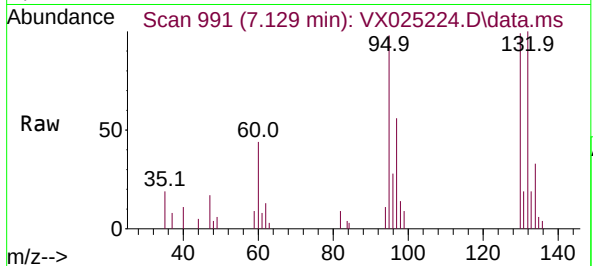


#34
Trichloroethene
Concen: 3.266 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025224.D
Acq: 18 Nov 2021 21:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 3988

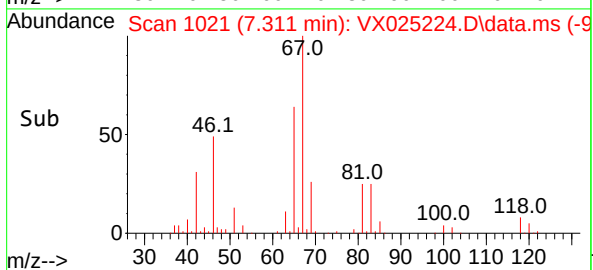
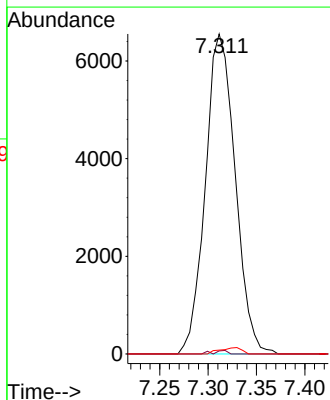
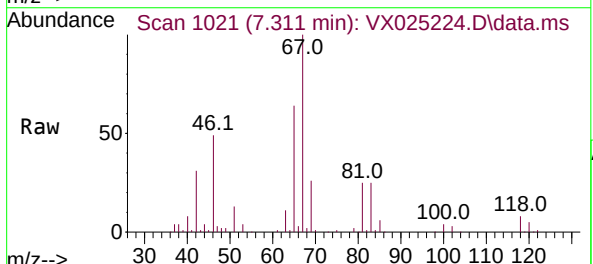
Ion	Ratio	Lower	Upper
95	100		
97	56.6	44.2	82.2
132	101.7	60.1	111.5
130	101.2	60.8	112.8

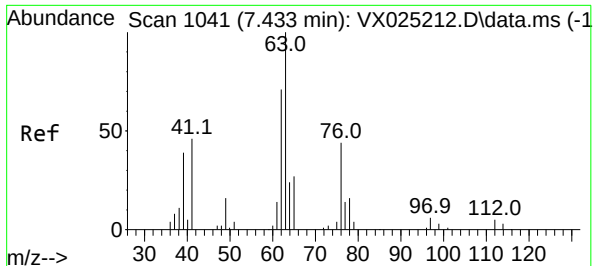


#35
Methylcyclohexane
Concen: 6.814 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025224.D
Acq: 18 Nov 2021 21:07

Tgt Ion: 83 Resp: 14068

Ion	Ratio	Lower	Upper
83	100		
55	0.3	52.6	79.0#
98	1.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 5.306 ug/L

RT: 7.311 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025224.D

Acq: 18 Nov 2021 21:07

Instrument :

MSVOA_X

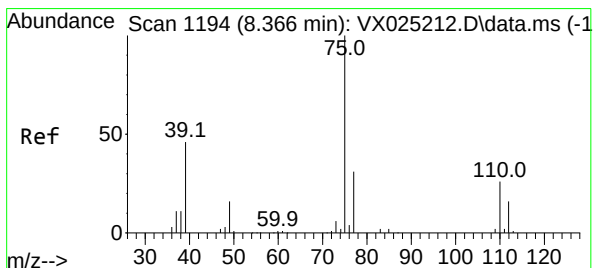
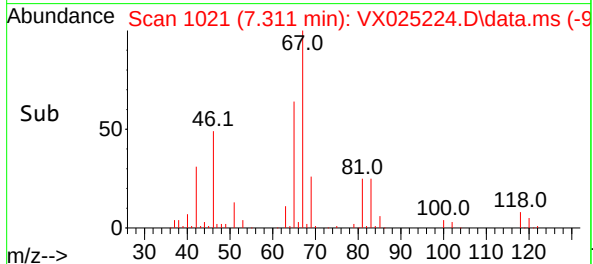
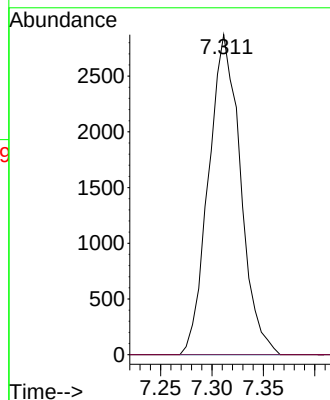
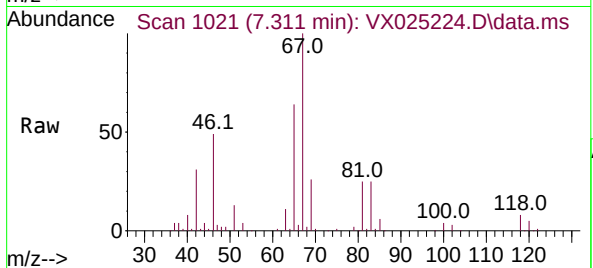
ClientSampleId :

Tgt Ion: 63 Resp: 6210

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.962 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025224.D

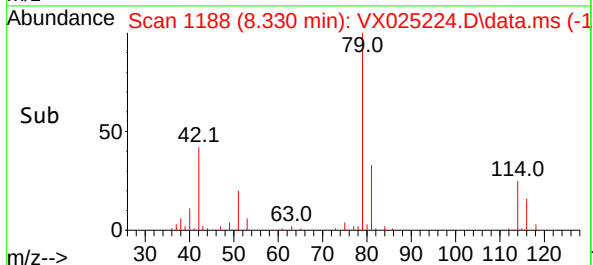
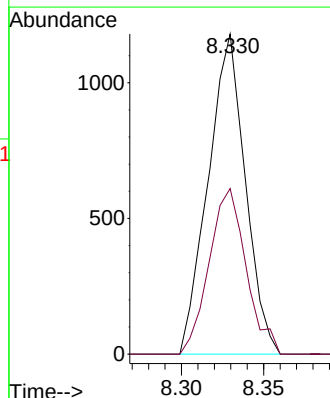
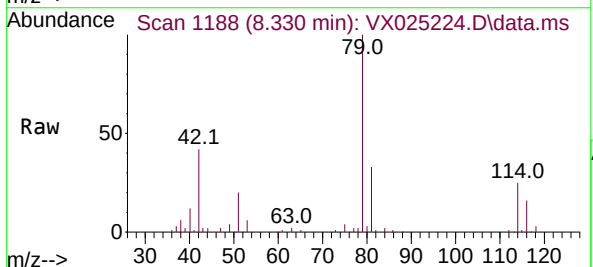
Acq: 18 Nov 2021 21:07

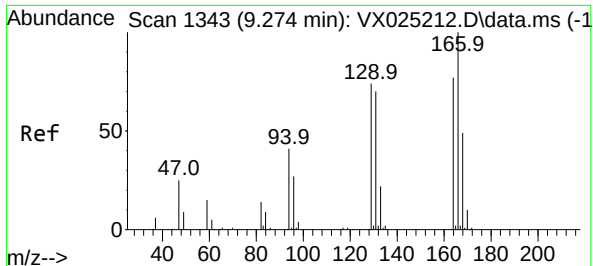
Tgt Ion: 75 Resp: 1849

Ion Ratio Lower Upper

75 100

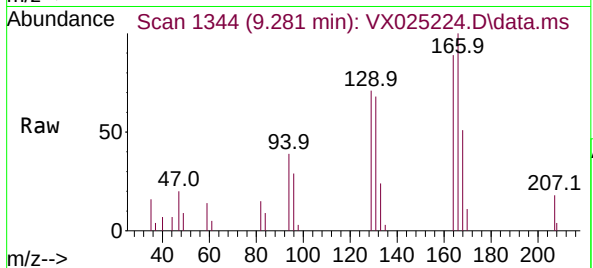
77 51.7 23.1 42.9#



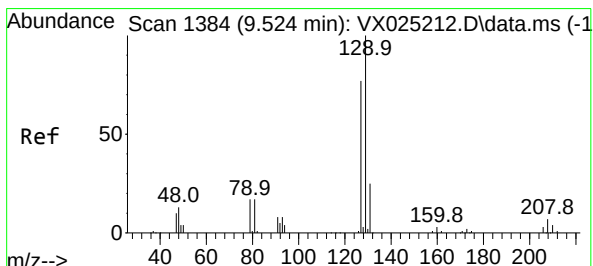
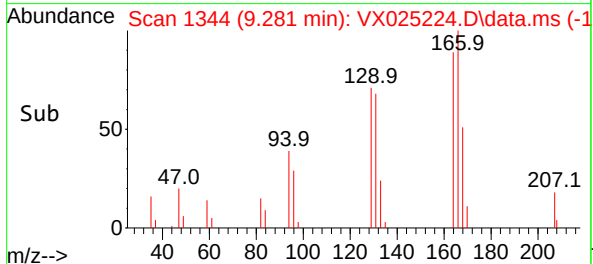
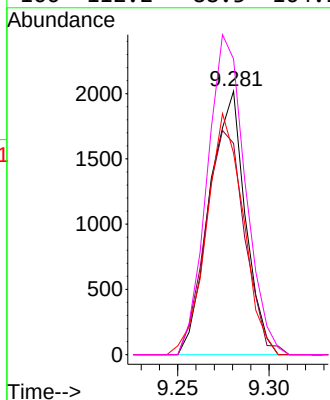


#46
Tetrachloroethene
Concen: 2.708 ug/L
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025224.D
Acq: 18 Nov 2021 21:07

Instrument :
MSVOA_X
ClientSampleId :

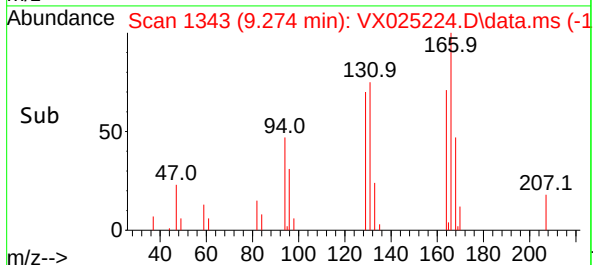
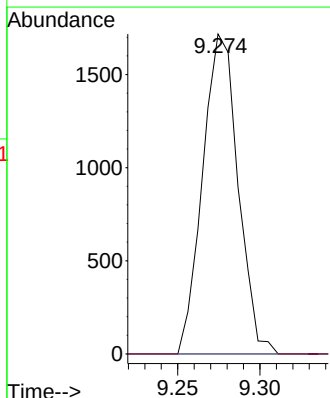
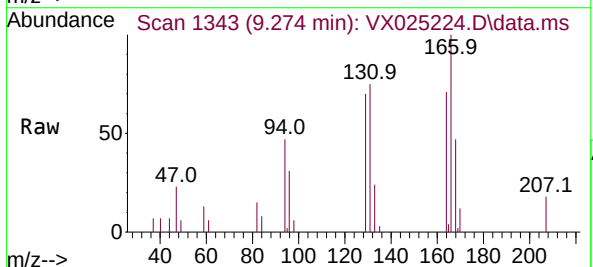


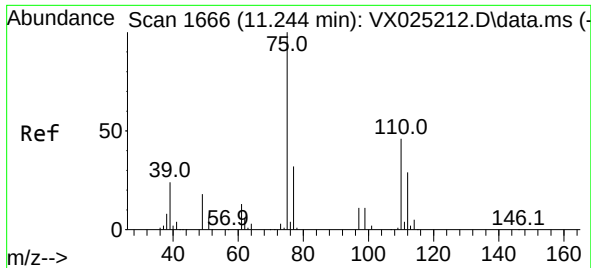
Tgt Ion:164 Resp: 2759
Ion Ratio Lower Upper
164 100
129 80.2 78.5 145.7
131 76.5 70.5 130.9
166 112.2 88.3 164.1



#49
Dibromochloromethane
Concen: 1.906 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025224.D
Acq: 18 Nov 2021 21:07

Tgt Ion:129 Resp: 2571
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#61

1,2,3-Trichloropropane

Concen: 5.966 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.780 min

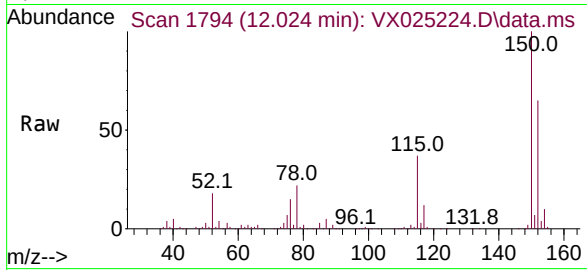
Lab File: VX025224.D

Acq: 18 Nov 2021 21:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 8065

Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

110 3.1 37.2 55.8#

