

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025622.D
 Acq On : 08 Dec 2021 15:36
 Operator : JC/MD
 Sample : M4884-20ME
 Misc : 4.95g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 01:43:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 01:41:02 2021
 Response via : Initial Calibration

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

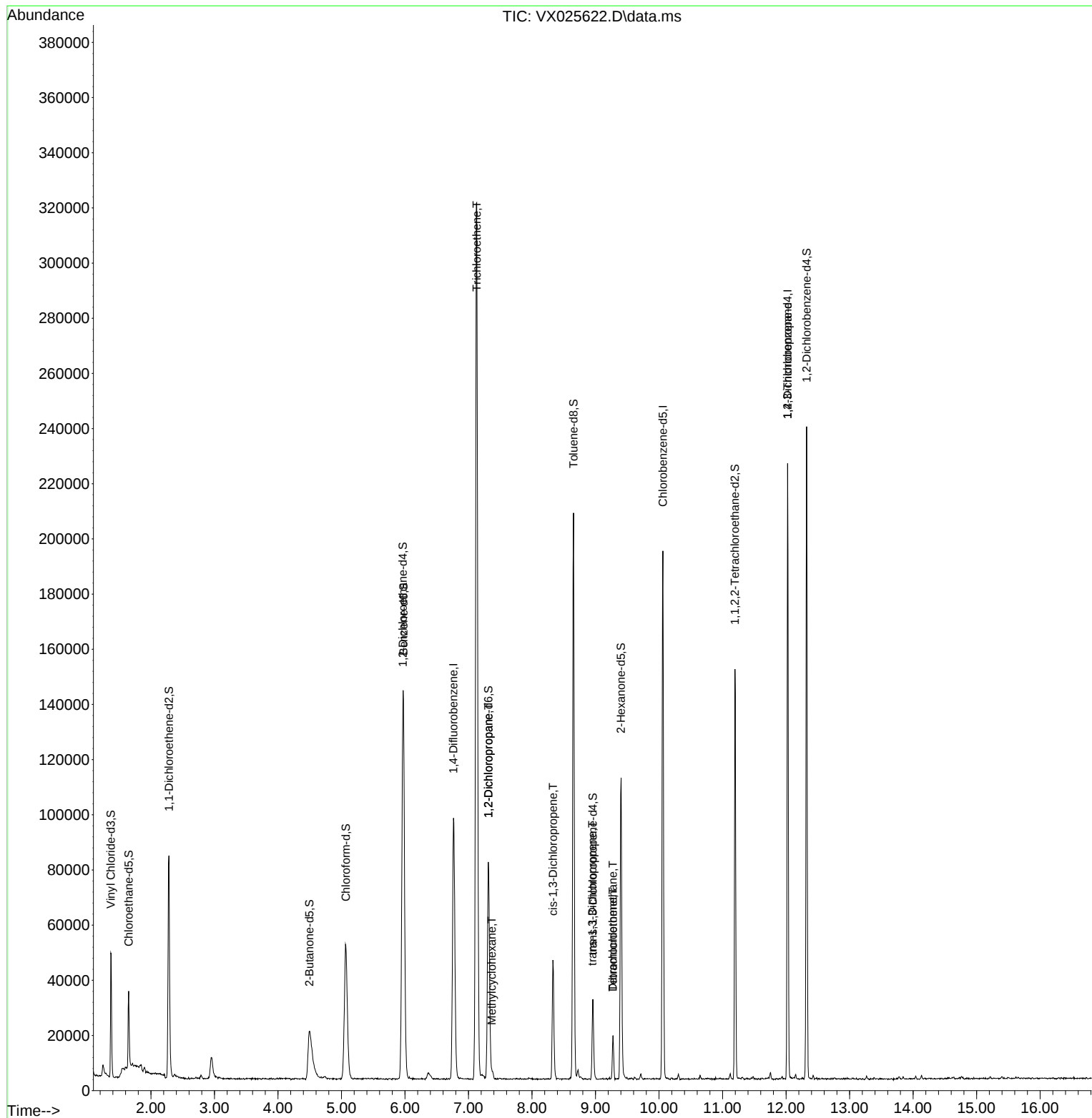
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	110238	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	98242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	48367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	33483	44.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.020%
7) Chloroethane-d5	1.648	69	17743	28.575	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.160%#
11) 1,1-Dichloroethene-d2	2.282	63	48389	40.339	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.680%
21) 2-Butanone-d5	4.495	46	52663	94.036	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.040%
24) Chloroform-d	5.068	84	63530	48.318	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	5.964	65	43235	52.754	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.500%
32) Benzene-d6	5.976	84	139309	53.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	7.312	67	41851	51.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.840%
41) Toluene-d8	8.653	98	127148	51.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	8.958	79	15210	37.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.060%
47) 2-Hexanone-d5	9.403	63	37678	89.789	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.790%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	55082	48.347	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	49067	51.723	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.440%
Target Compounds						Qvalue
34) Trichloroethene	7.129	95	121752	176.375	ug/L	99
35) Methylcyclohexane	7.366	83	1158	1.066	ug/L	96
37) 1,2-Dichloropropane	7.312	63	4724	7.176	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1111	1.036	ug/L	91
44) trans-1,3-Dichloropropene	8.952	75	715	0.694	ug/L	89
46) Tetrachloroethene	9.275	164	3055	5.218	ug/L	98
49) Dibromochloromethane	9.275	129	2916	3.622	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	5437	6.571	ug/L #	62

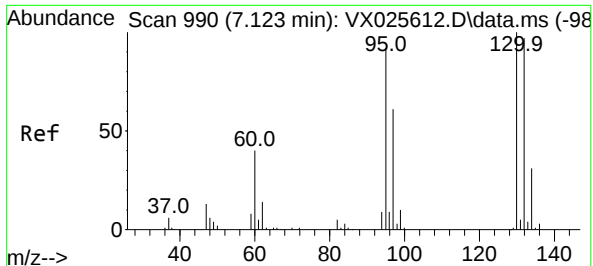
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 09 01:41:02 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 176.375 ug/L

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX025622.D

Acq: 08 Dec 2021 15:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 121752

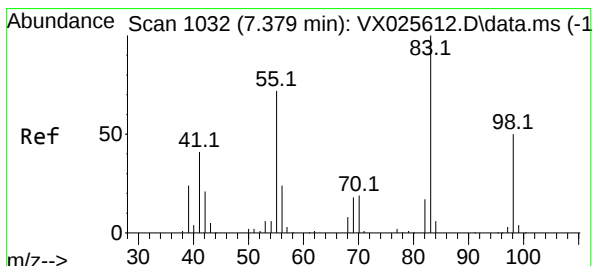
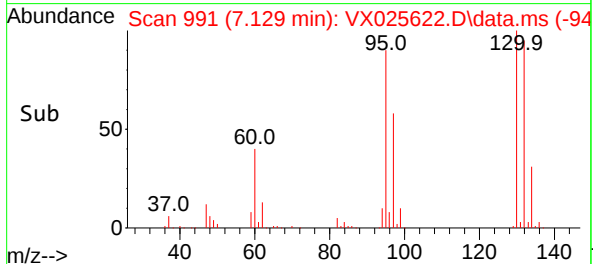
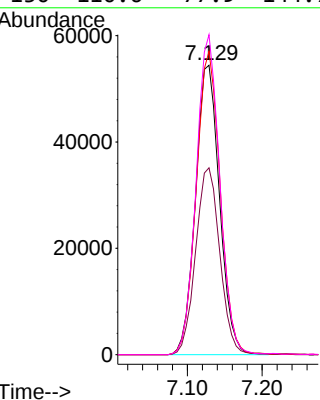
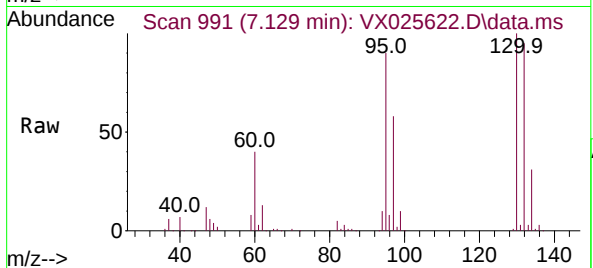
Ion Ratio Lower Upper

95 100

97 64.6 46.0 85.4

132 104.8 75.0 139.2

130 110.6 77.9 144.7



#35

Methylcyclohexane

Concen: 1.066 ug/L

RT: 7.366 min Scan# 1030

Delta R.T. -0.012 min

Lab File: VX025622.D

Acq: 08 Dec 2021 15:36

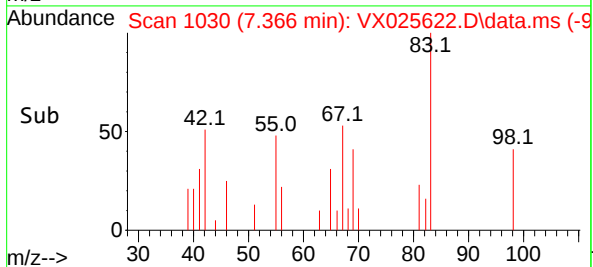
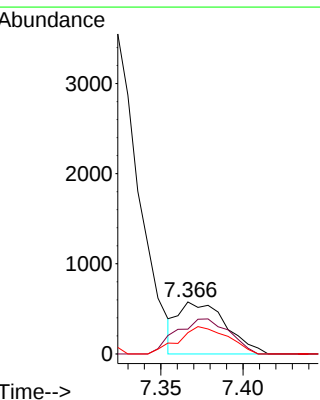
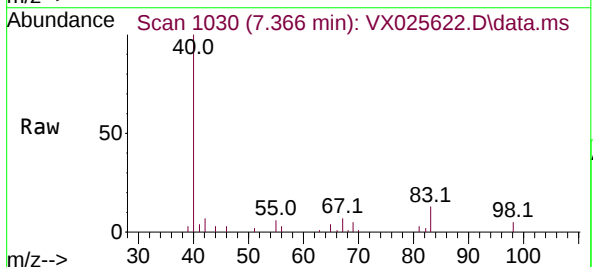
Tgt Ion: 83 Resp: 1158

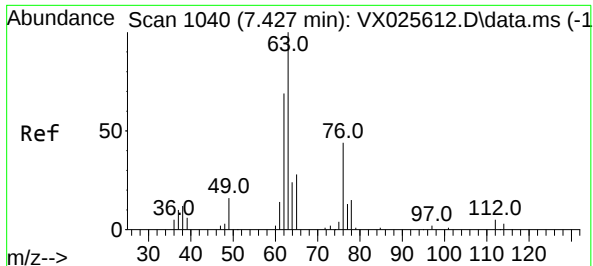
Ion Ratio Lower Upper

83 100

55 75.0 57.3 85.9

98 54.1 41.1 61.7





#37

1,2-Dichloropropane

Concen: 7.176 ug/L

RT: 7.312 min Scan# 110

Delta R.T. -0.116 min

Lab File: VX025622.D

Acq: 08 Dec 2021 15:36

Instrument :

MSVOA_X

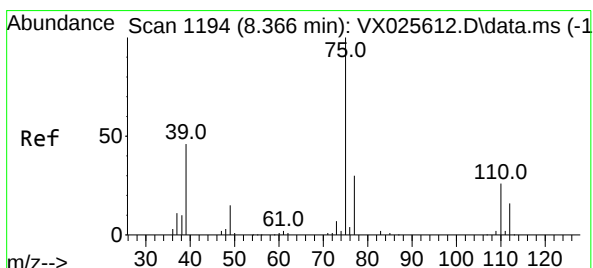
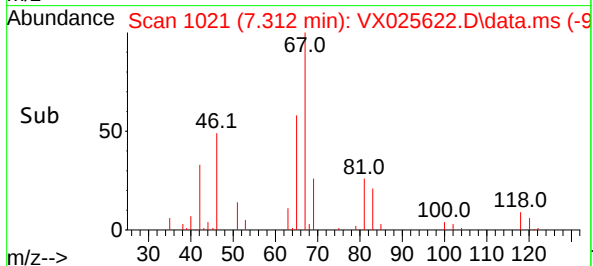
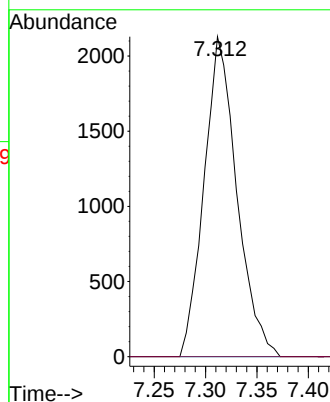
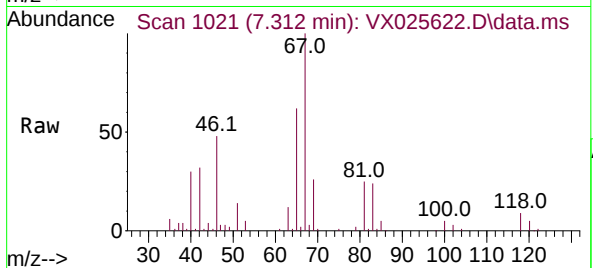
ClientSampleId :

Tgt Ion: 63 Resp: 4724

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.036 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025622.D

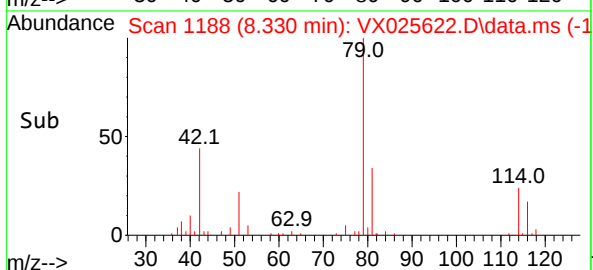
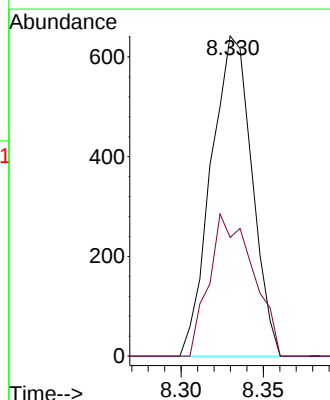
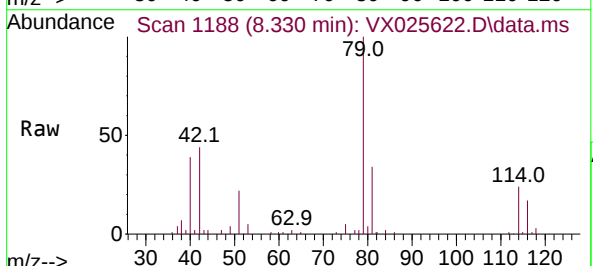
Acq: 08 Dec 2021 15:36

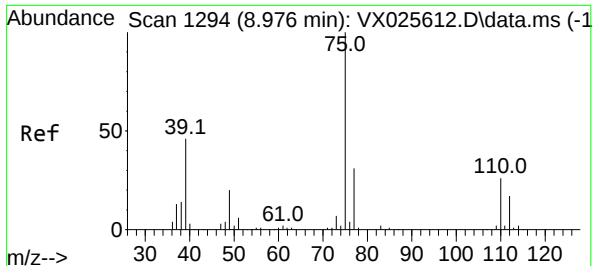
Tgt Ion: 75 Resp: 1111

Ion Ratio Lower Upper

75 100

77 37.1 22.3 41.3

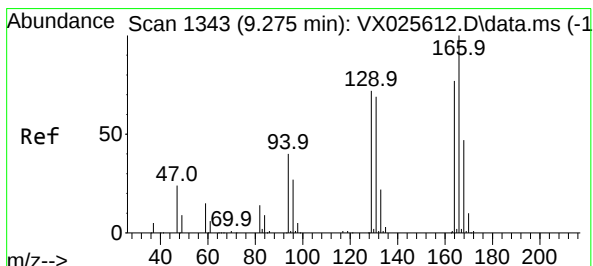
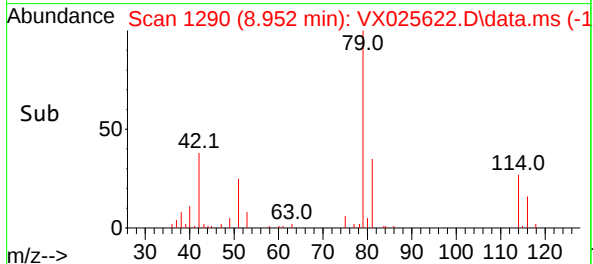
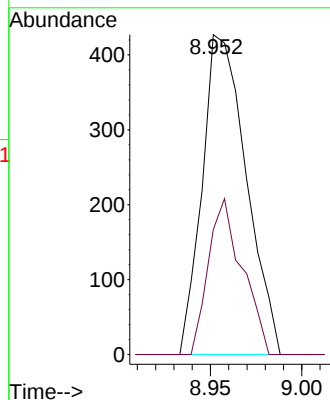
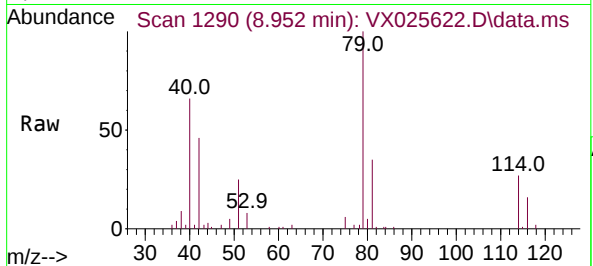




#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025622.D
Acq: 08 Dec 2021 15:36

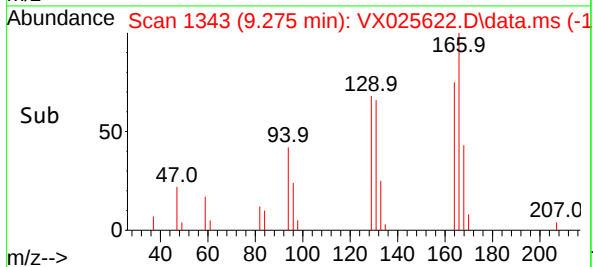
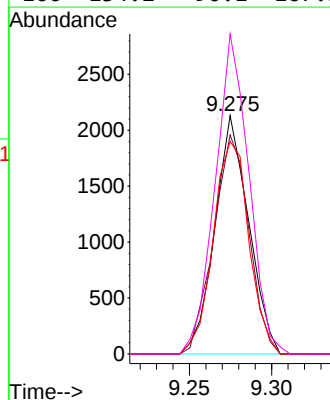
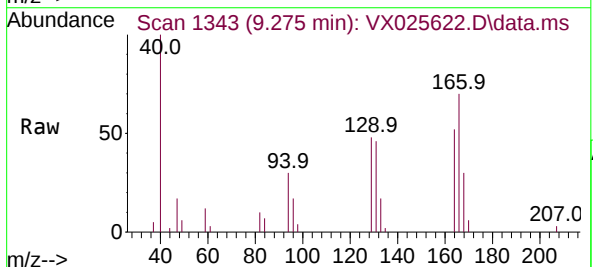
Instrument :
MSVOA_X
ClientSampleId :

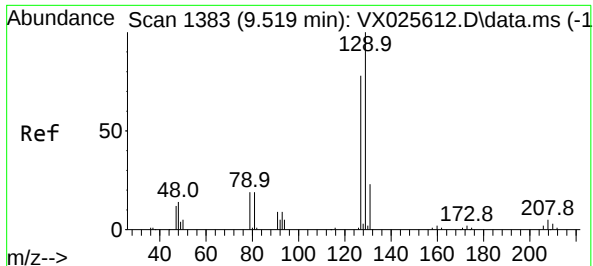
Tgt Ion: 75 Resp: 715
Ion Ratio Lower Upper
75 100
77 39.1 23.0 42.8



#46
Tetrachloroethene
Concen: 5.218 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025622.D
Acq: 08 Dec 2021 15:36

Tgt Ion:164 Resp: 3055
Ion Ratio Lower Upper
164 100
129 91.8 64.7 120.1
131 89.1 63.2 117.4
166 134.2 90.1 167.3





#49

Dibromochloromethane

Concen: 3.622 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX025622.D

Acq: 08 Dec 2021 15:36

Instrument :

MSVOA_X

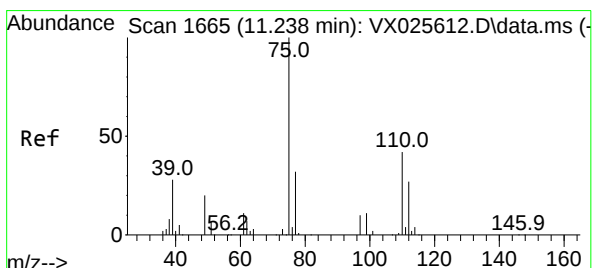
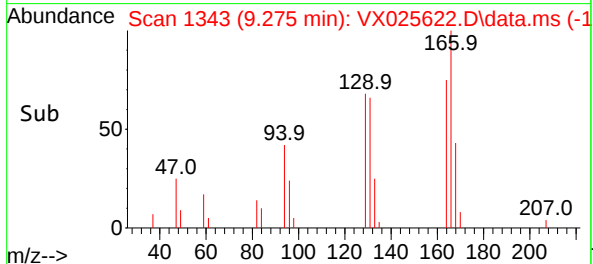
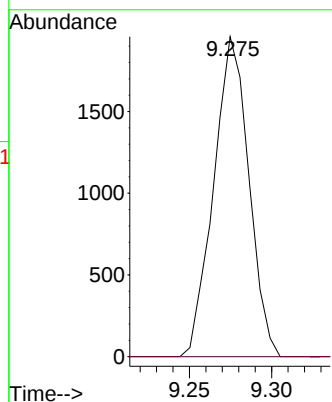
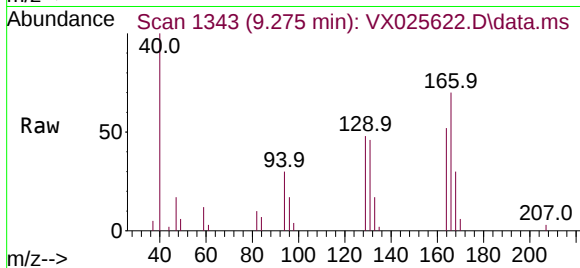
ClientSampleId :

Tgt Ion:129 Resp: 2916

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#61

1,2,3-Trichloropropane

Concen: 6.571 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025622.D

Acq: 08 Dec 2021 15:36

Tgt Ion: 75 Resp: 5437

Ion Ratio Lower Upper

75 100

77 34.9 25.8 38.8

110 2.9 34.7 52.1#

