

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030473.D
 Acq On : 06 Aug 2022 18:40
 Operator : JC/MD
 Sample : N4021-13DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 00:19:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

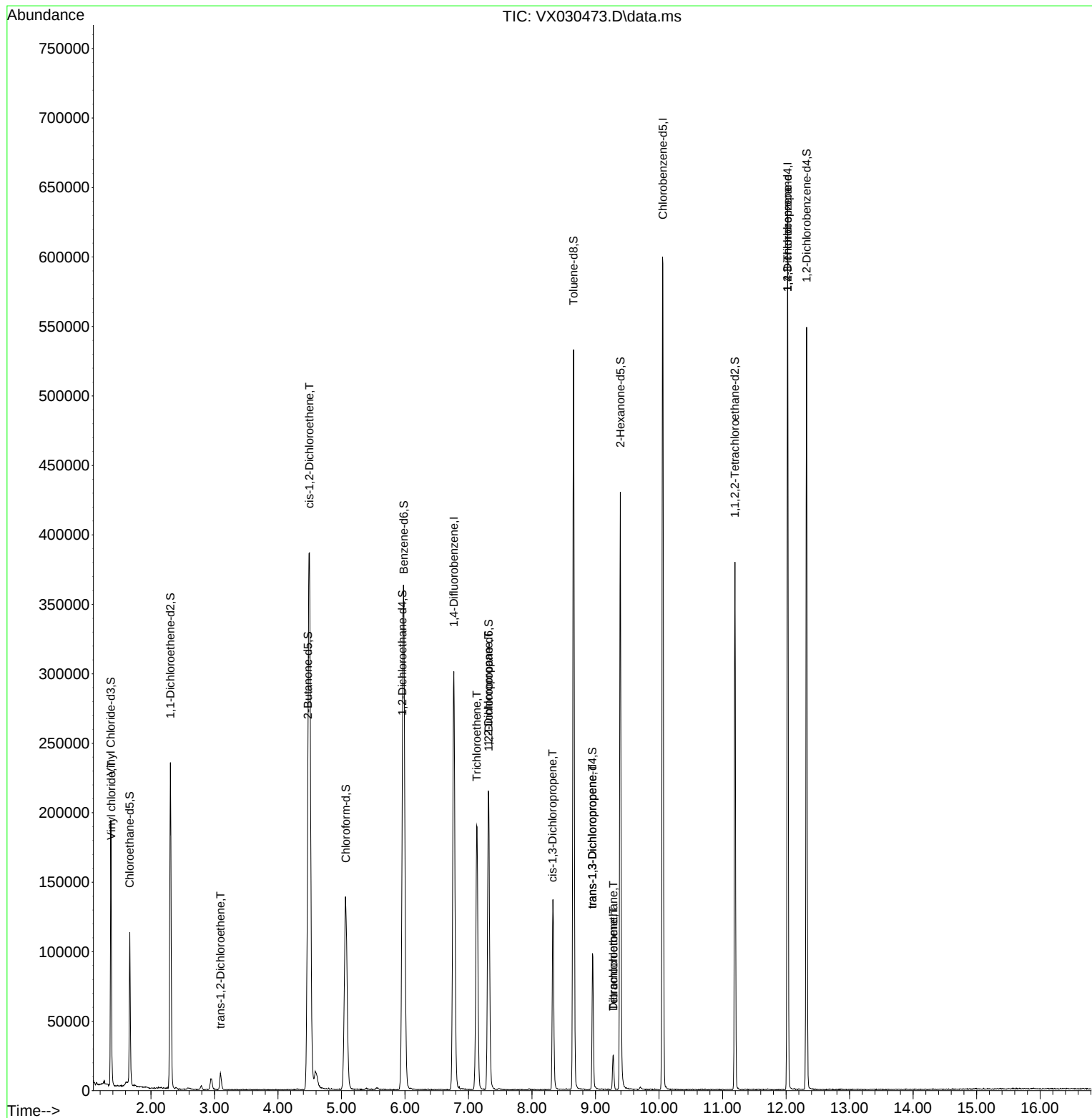
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	296921	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	264145	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	79961	41.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.880%
7) Chloroethane-d5	1.666	69	63177	47.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.306	63	128333	35.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.160%
21) 2-Butanone-d5	4.470	46	173142	98.002	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.068	84	169368	43.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
26) 1,2-Dichloroethane-d4	5.958	65	119107	44.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
32) Benzene-d6	5.982	84	337815	44.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
36) 1,2-Dichloropropane-d6	7.317	67	111219	45.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.620%
41) Toluene-d8	8.653	98	303759	42.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.180%
43) trans-1,3-Dichloroprop...	8.951	79	45681	37.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.820%
47) 2-Hexanone-d5	9.390	63	113761	90.915	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.920%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	142155	44.081	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	100095	44.188	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	46280	22.553	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	4083	2.121	ug/L	86
20) cis-1,2-Dichloroethene	4.495	96	207645	95.873	ug/L	95
34) Trichloroethene	7.128	95	71341	29.085	ug/L	94
37) 1,2-Dichloropropane	7.311	63	13234	5.877	ug/L #	90
39) cis-1,3-Dichloropropene	8.323	75	2976	0.886	ug/L #	59
44) trans-1,3-Dichloropropene	8.951	75	2255	0.686	ug/L	98
46) Tetrachloroethene	9.281	164	4634	2.989	ug/L	90
49) Dibromochloromethane	9.281	129	5235	2.350	ug/L #	10
61) 1,2,3-Trichloropropane	12.024	75	15448	6.159	ug/L #	67

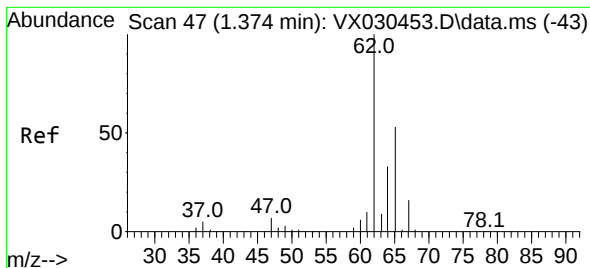
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 22.553 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030473.D

Acq: 06 Aug 2022 18:40

Instrument :

MSVOA_X

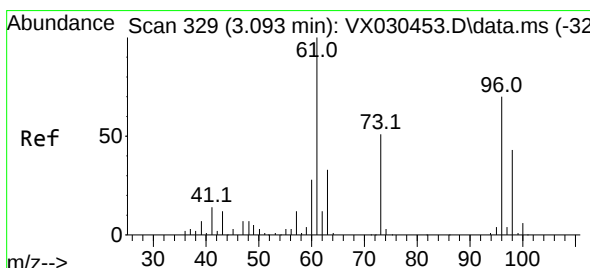
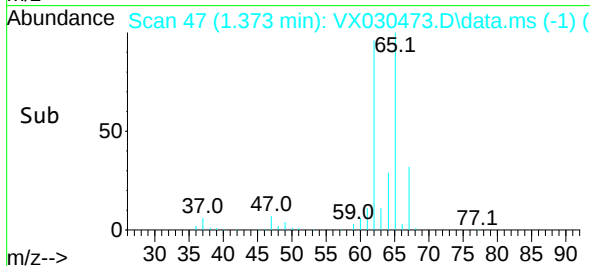
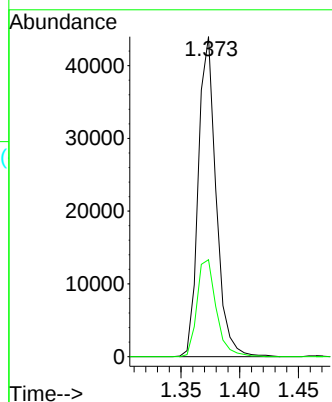
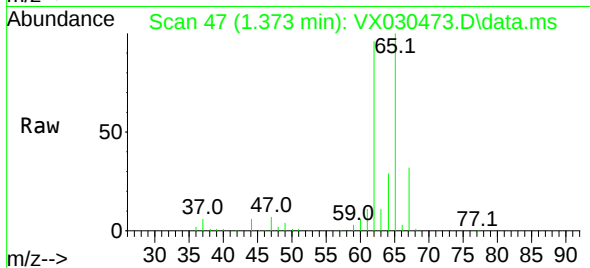
ClientSampleId :

Tgt Ion: 62 Resp: 46280

Ion Ratio Lower Upper

62 100

64 30.3 23.8 44.2



#17

trans-1,2-Dichloroethene

Concen: 2.121 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030473.D

Acq: 06 Aug 2022 18:40

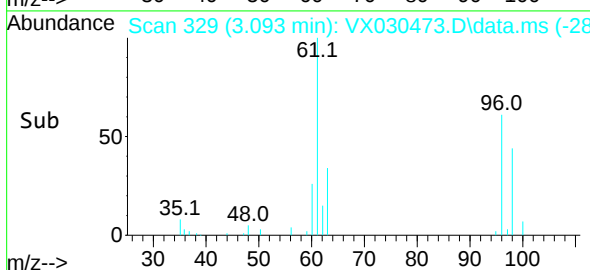
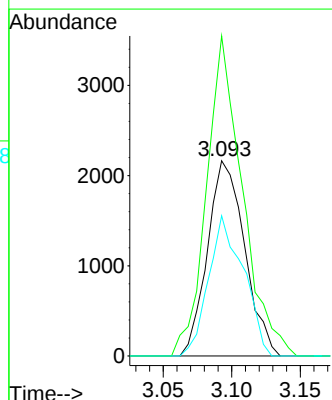
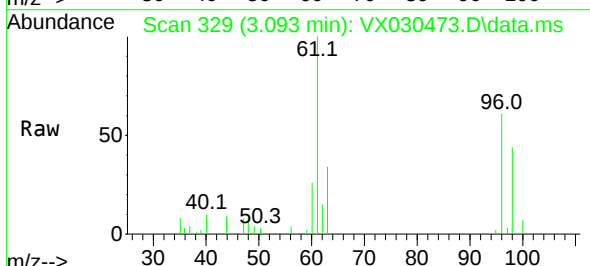
Tgt Ion: 96 Resp: 4083

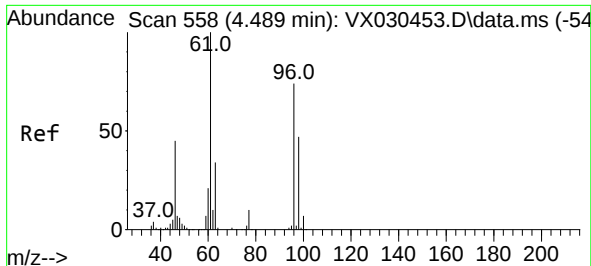
Ion Ratio Lower Upper

96 100

61 163.9 103.7 192.5

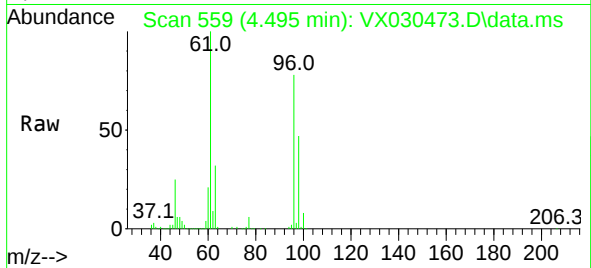
98 71.8 41.5 77.1



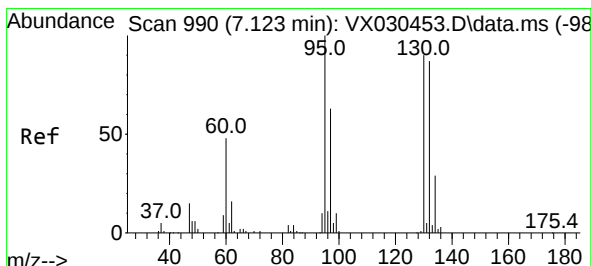
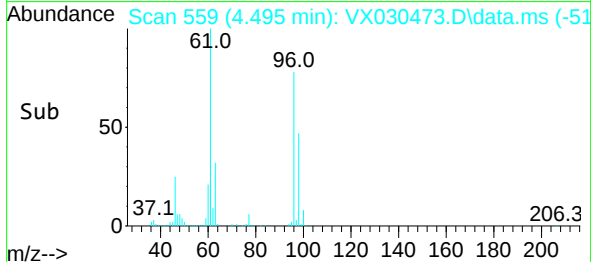
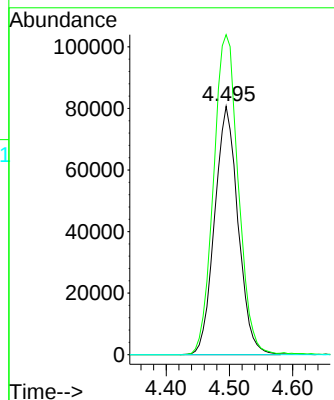


#20
cis-1,2-Dichloroethene
Concen: 95.873 ug/L
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX030473.D
Acq: 06 Aug 2022 18:40

Instrument :
MSVOA_X
ClientSampleId :

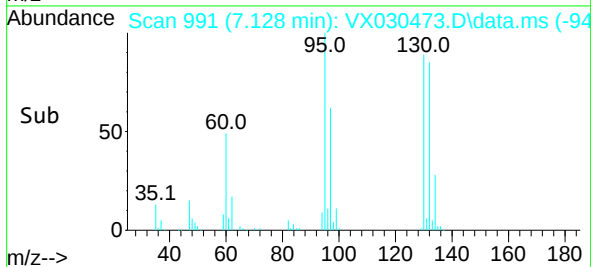
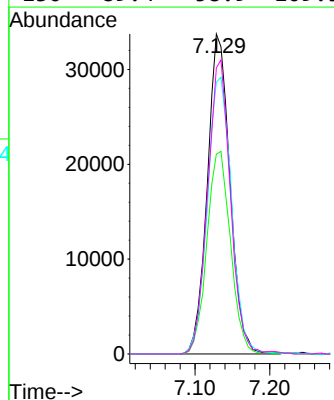
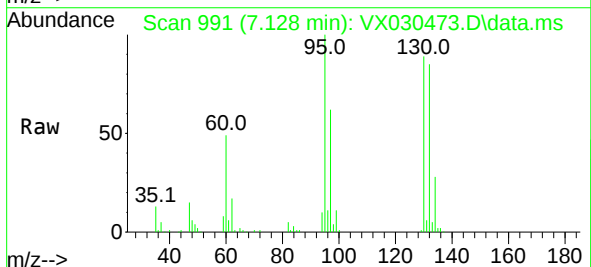


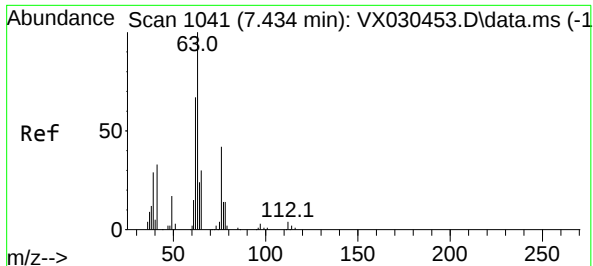
Tgt Ion: 96 Resp: 207645
Ion Ratio Lower Upper
96 100
61 128.8 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 29.085 ug/L
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030473.D
Acq: 06 Aug 2022 18:40

Tgt Ion: 95 Resp: 71341
Ion Ratio Lower Upper
95 100
97 62.5 40.2 74.6
132 85.0 55.3 102.7
130 89.4 58.9 109.5





#37

1,2-Dichloropropane

Concen: 5.877 ug/L

RT: 7.311 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX030473.D

Acq: 06 Aug 2022 18:40

Instrument :

MSVOA_X

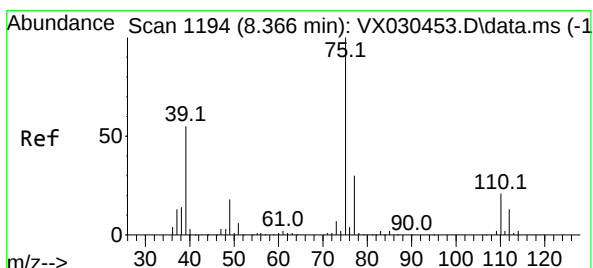
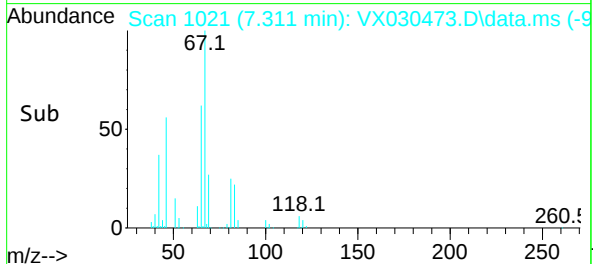
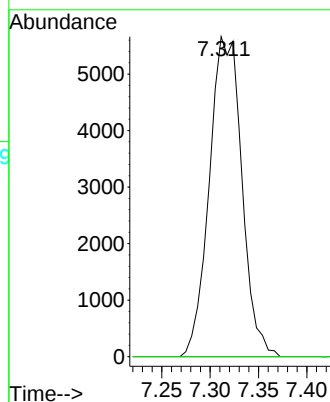
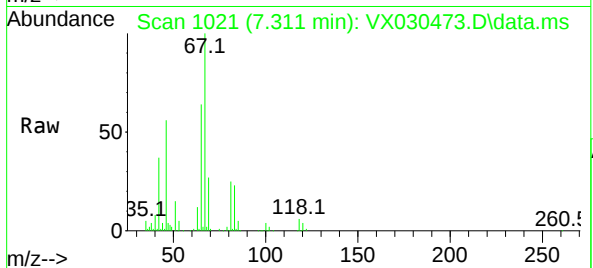
ClientSampleId :

Tgt Ion: 63 Resp: 13234

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 8.323 min Scan# 1187

Delta R.T. -0.049 min

Lab File: VX030473.D

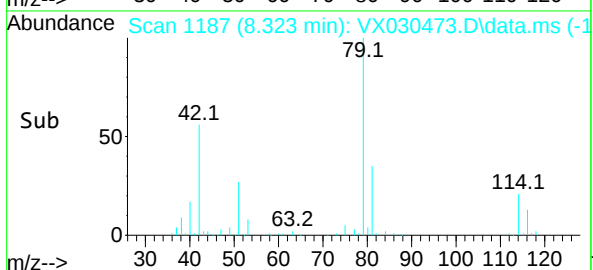
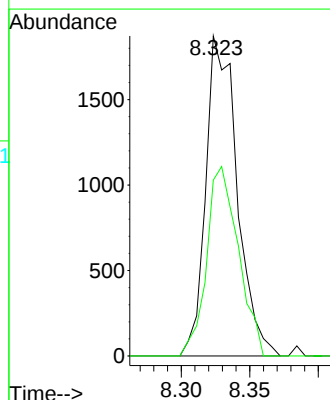
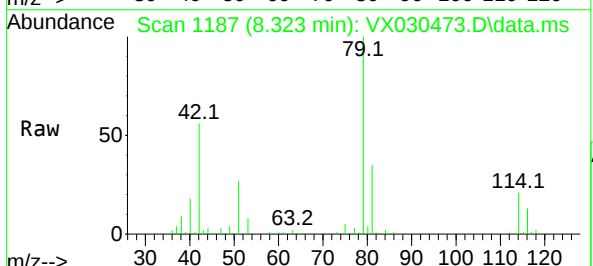
Acq: 06 Aug 2022 18:40

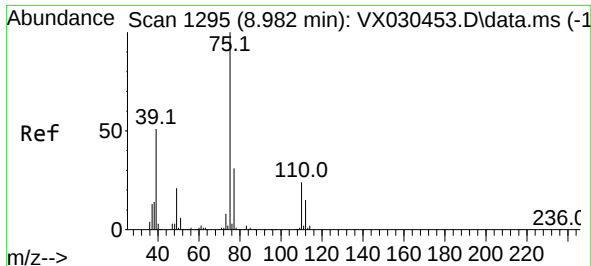
Tgt Ion: 75 Resp: 2976

Ion Ratio Lower Upper

75 100

77 55.0 22.4 41.6#

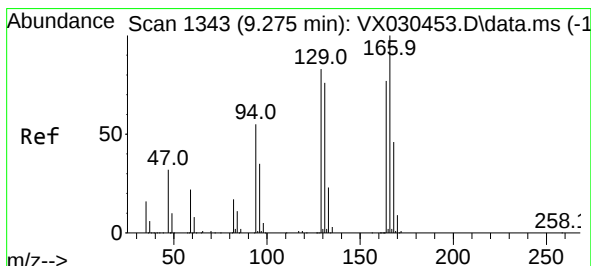
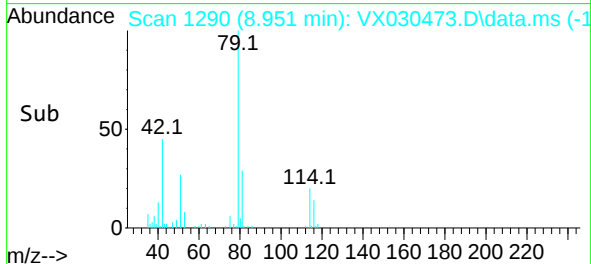
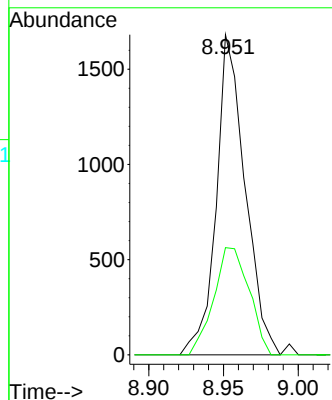
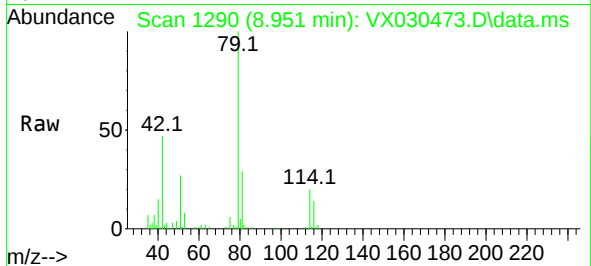




#44
trans-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX030473.D
Acq: 06 Aug 2022 18:40

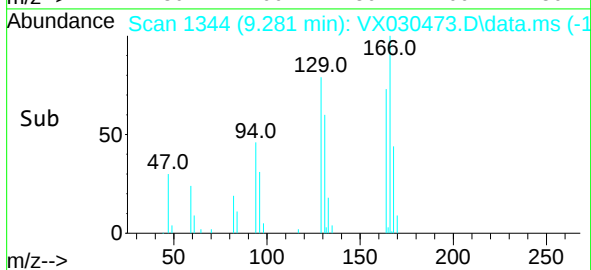
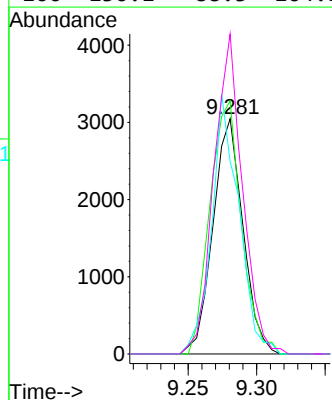
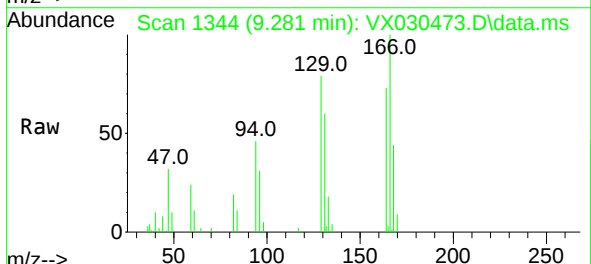
Instrument :
MSVOA_X
ClientSampleId :

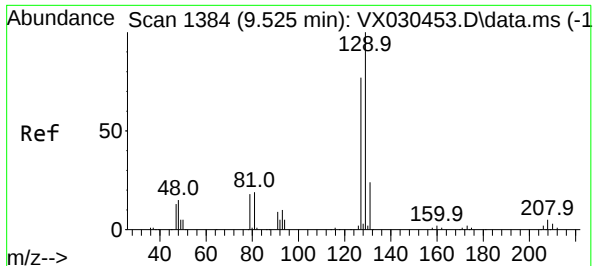
Tgt Ion: 75 Resp: 2255
Ion Ratio Lower Upper
75 100
77 33.5 22.5 41.7



#46
Tetrachloroethene
Concen: 2.989 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030473.D
Acq: 06 Aug 2022 18:40

Tgt Ion: 164 Resp: 4634
Ion Ratio Lower Upper
164 100
129 107.6 72.7 135.1
131 81.9 69.9 129.9
166 136.1 88.3 164.1





#49

Dibromochloromethane

Concen: 2.350 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX030473.D

Acq: 06 Aug 2022 18:40

Instrument :

MSVOA_X

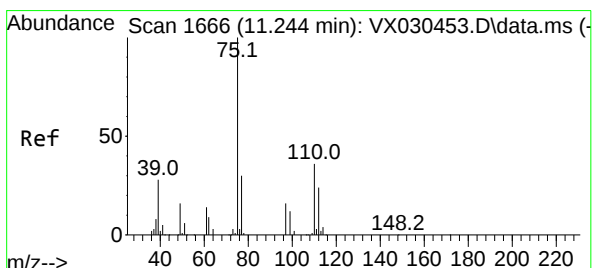
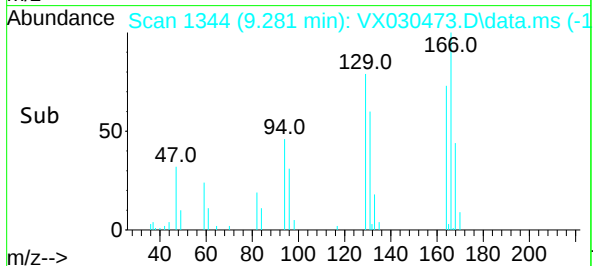
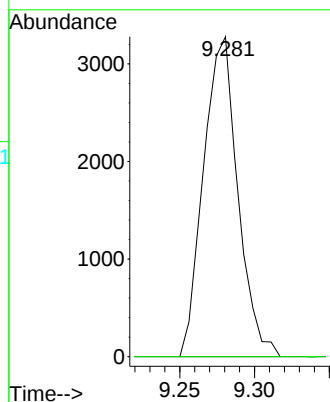
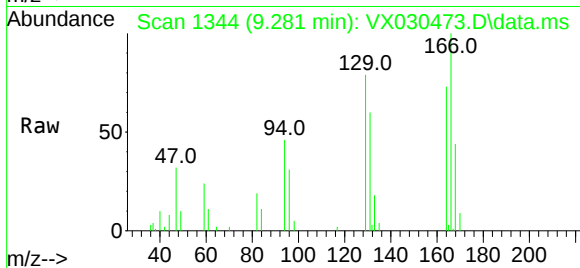
ClientSampleId :

Tgt Ion:129 Resp: 5235

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.2#



#61

1,2,3-Trichloropropane

Concen: 6.159 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX030473.D

Acq: 06 Aug 2022 18:40

Tgt Ion: 75 Resp: 15448

Ion Ratio Lower Upper

75 100

77 35.6 26.1 39.1

110 3.8 30.5 45.7#

