

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030491.D
 Acq On : 07 Aug 2022 02:29
 Operator : JC/MD
 Sample : N4021-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 05:47:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

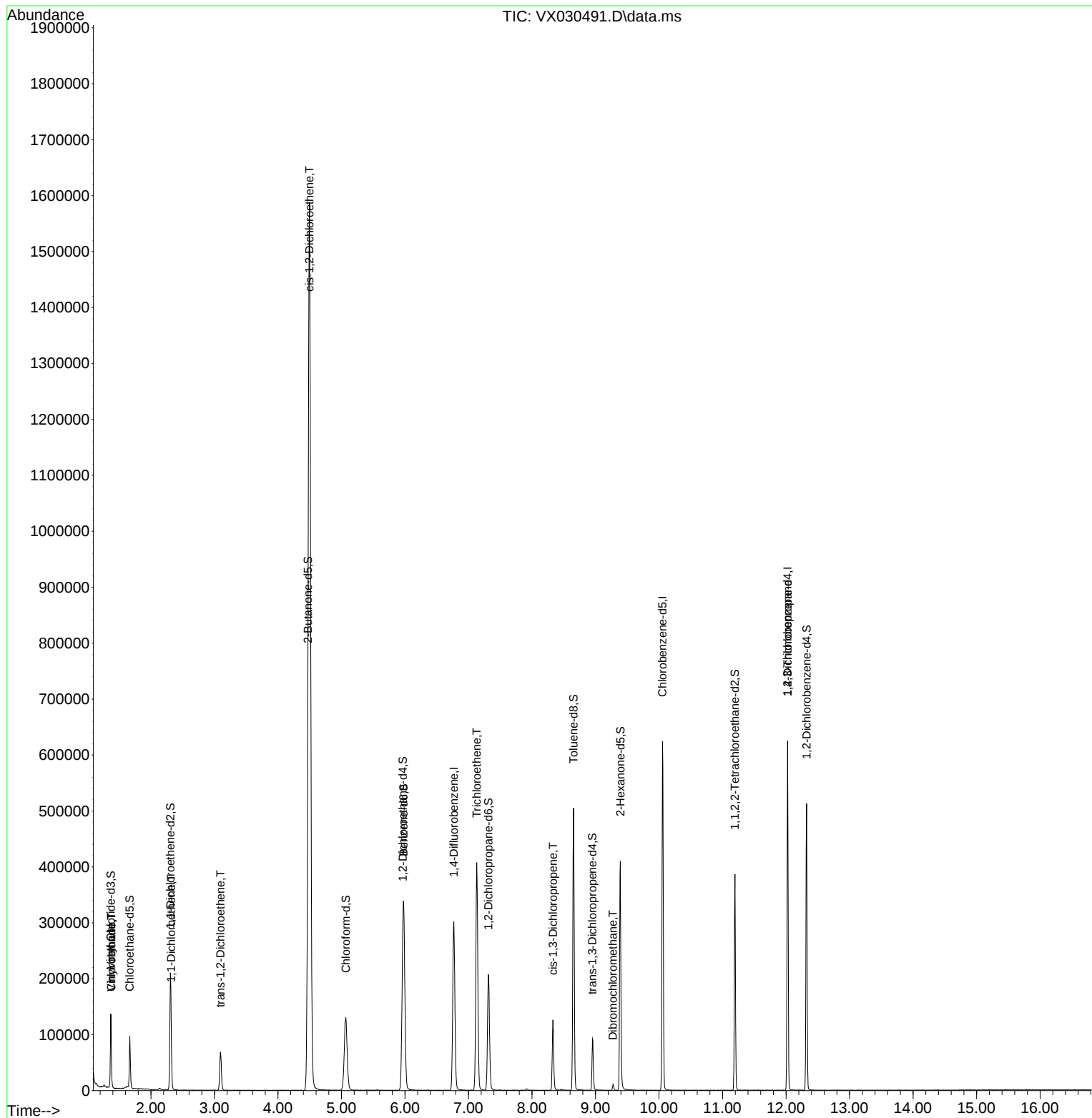
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	291839	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	115046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	74557	39.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.560%
7) Chloroethane-d5	1.666	69	55824	42.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.500%
11) 1,1-Dichloroethene-d2	2.306	63	117960	33.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.540%
21) 2-Butanone-d5	4.471	46	170395	98.126	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.130%
24) Chloroform-d	5.068	84	161213	41.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.580%
26) 1,2-Dichloroethane-d4	5.964	65	112176	42.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
32) Benzene-d6	5.976	84	318258	42.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.540%
36) 1,2-Dichloropropane-d6	7.312	67	107123	43.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.700%
41) Toluene-d8	8.653	98	286441	40.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.720%
43) trans-1,3-Dichloroprop...	8.952	79	42215	34.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.480%
47) 2-Hexanone-d5	9.390	63	111173	89.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141205	43.999	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	96649	43.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.620%
Target Compounds						
5) Vinyl chloride	1.374	62	11037	5.472	ug/L	98
8) Chloroethane	1.374	64	4324	3.764	ug/L	93
12) 1,1-Dichloroethene	2.319	96	2749	1.683	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	24868	13.141	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	930842	437.268	ug/L	96
34) Trichloroethene	7.129	95	149947	61.429	ug/L	90
39) cis-1,3-Dichloropropene	8.330	75	2883	0.862	ug/L #	64
49) Dibromochloromethane	9.275	129	2069	0.933	ug/L #	10
61) 1,2,3-Trichloropropane	12.024	75	15491	6.270	ug/L #	68

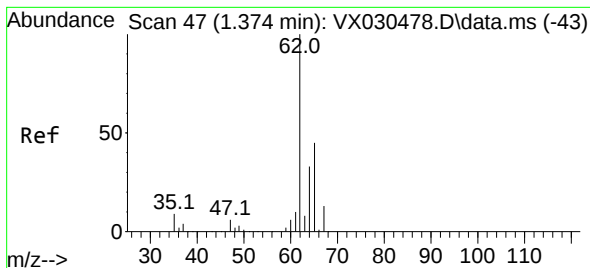
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.472 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX030491.D

Acq: 07 Aug 2022 02:29

Instrument :

MSVOA_X

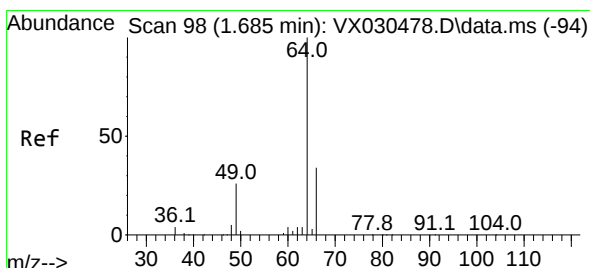
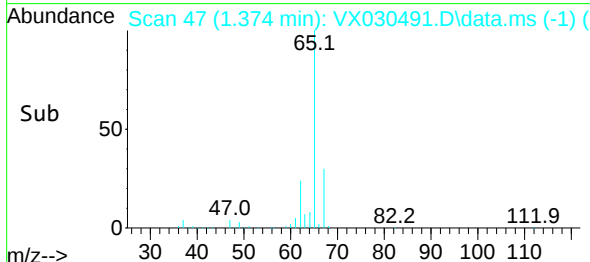
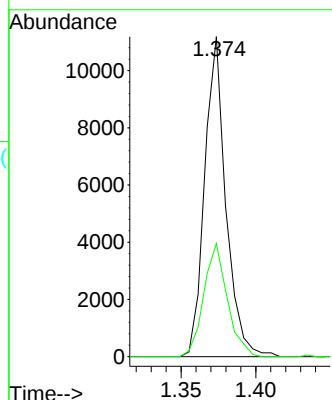
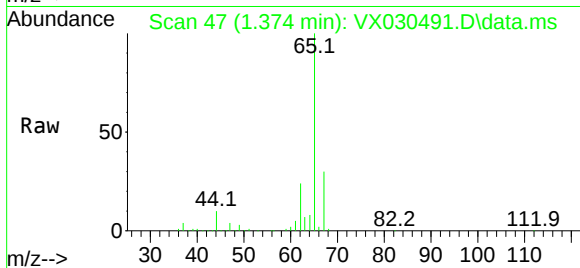
ClientSampleId :

Tgt Ion: 62 Resp: 11037

Ion Ratio Lower Upper

62 100

64 35.3 23.8 44.2



#8

Chloroethane

Concen: 3.764 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.311 min

Lab File: VX030491.D

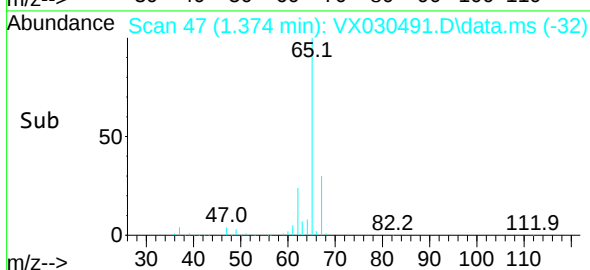
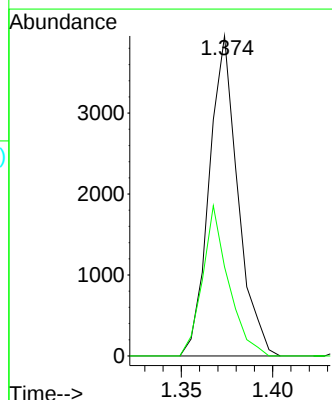
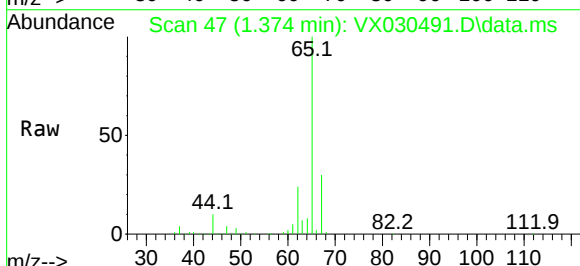
Acq: 07 Aug 2022 02:29

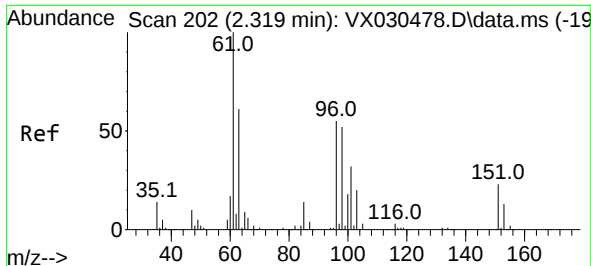
Tgt Ion: 64 Resp: 4324

Ion Ratio Lower Upper

64 100

66 27.8 22.1 41.1





#12

1,1-Dichloroethene

Concen: 1.683 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030491.D

Acq: 07 Aug 2022 02:29

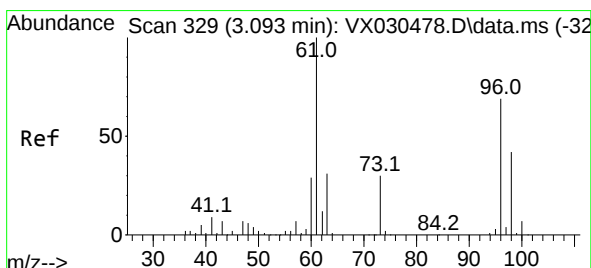
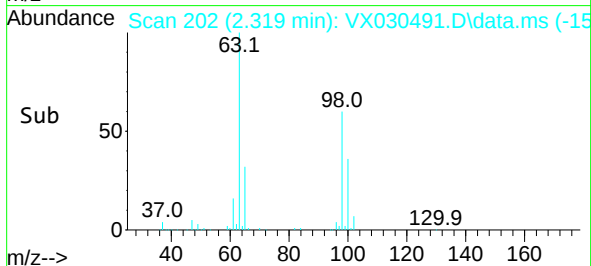
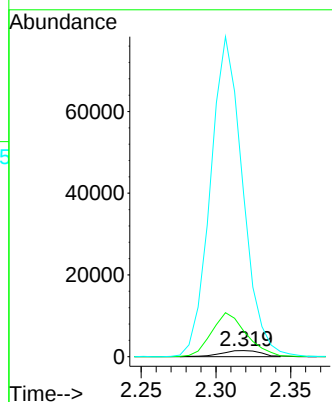
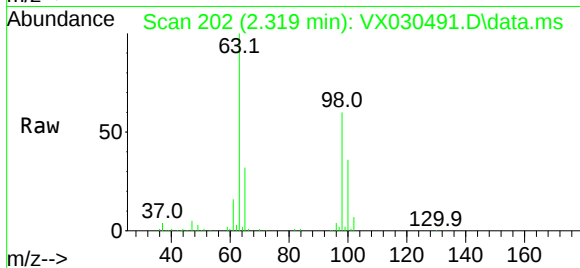
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 2749

Ion	Ratio	Lower	Upper
96	100		
61	419.0	130.2	241.8#
63	2645.1	113.5	210.9#



#17

trans-1,2-Dichloroethene

Concen: 13.141 ug/L

RT: 3.093 min Scan# 329

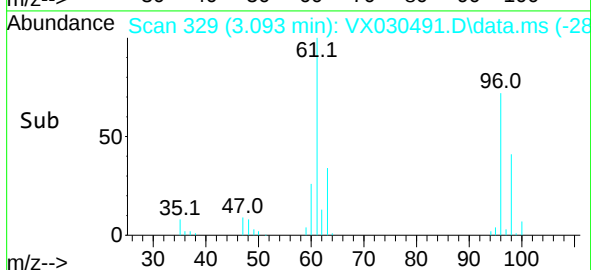
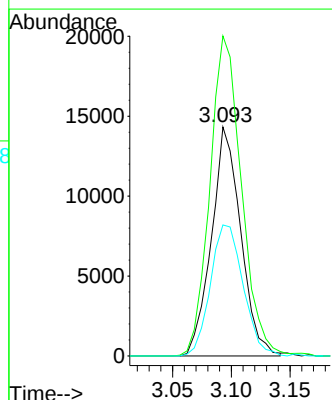
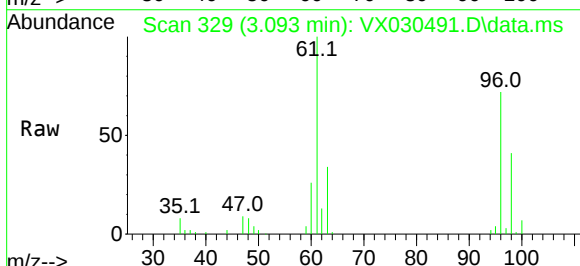
Delta R.T. -0.000 min

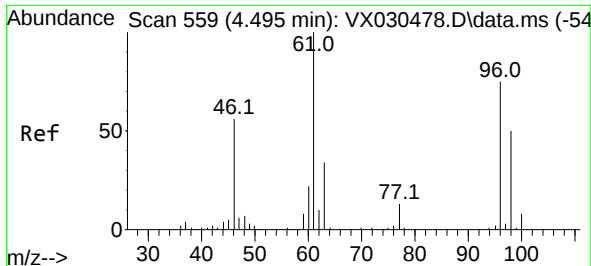
Lab File: VX030491.D

Acq: 07 Aug 2022 02:29

Tgt Ion: 96 Resp: 24868

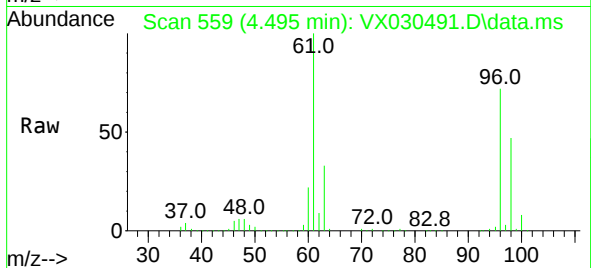
Ion	Ratio	Lower	Upper
96	100		
61	139.7	103.7	192.5
98	57.2	41.5	77.1





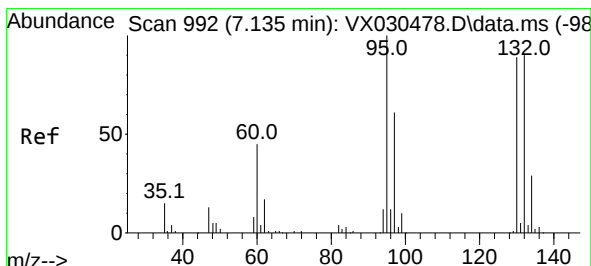
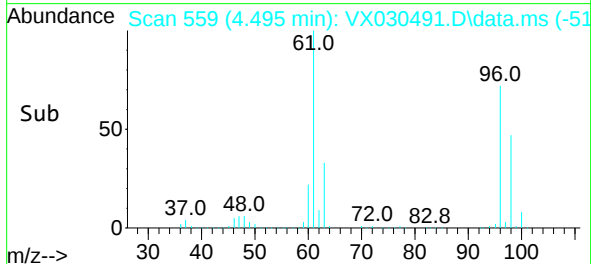
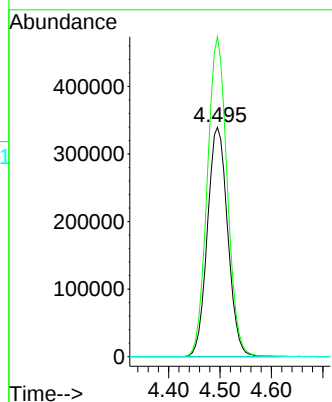
#20
 cis-1,2-Dichloroethene
 Concen: 437.268 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030491.D
 Acq: 07 Aug 2022 02:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 930842

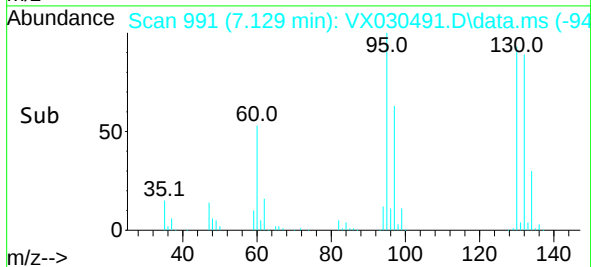
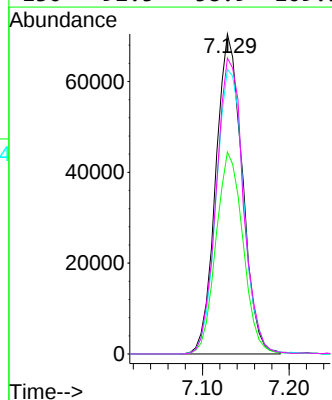
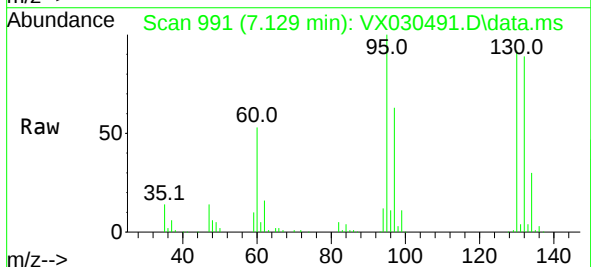
Ion	Ratio	Lower	Upper
96	100		
61	139.4	94.0	174.6
68	0.0	0.0	0.0

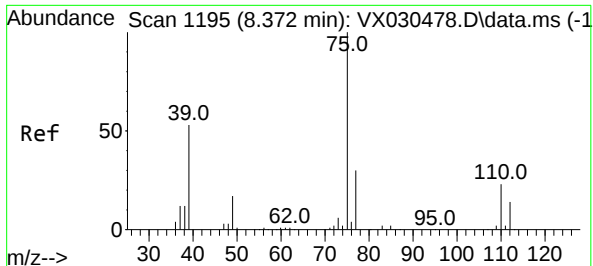


#34
 Trichloroethene
 Concen: 61.429 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030491.D
 Acq: 07 Aug 2022 02:29

Tgt Ion: 95 Resp: 149947

Ion	Ratio	Lower	Upper
95	100		
97	63.1	40.2	74.6
132	88.9	55.3	102.7
130	92.5	58.9	109.5





#39

cis-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.043 min

Lab File: VX030491.D

Acq: 07 Aug 2022 02:29

Instrument :

MSVOA_X

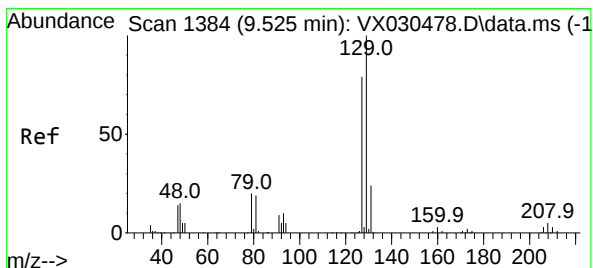
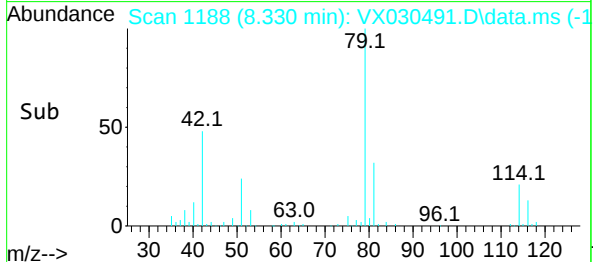
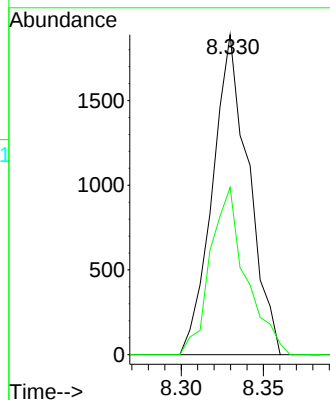
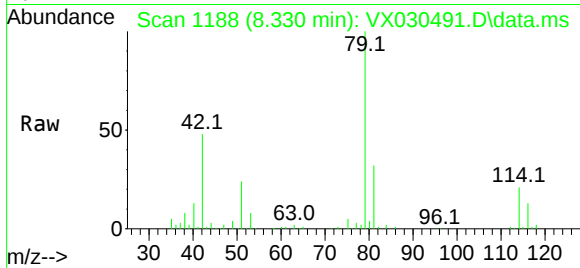
ClientSampleId :

Tgt Ion: 75 Resp: 2883

Ion Ratio Lower Upper

75 100

77 52.3 22.4 41.6#



#49

Dibromochloromethane

Concen: 0.933 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030491.D

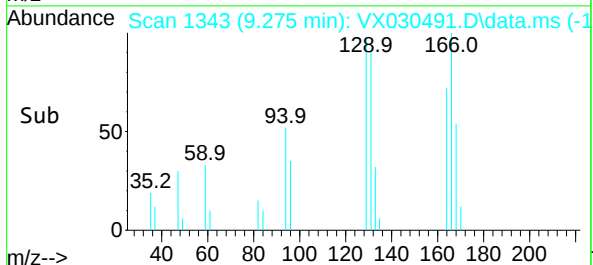
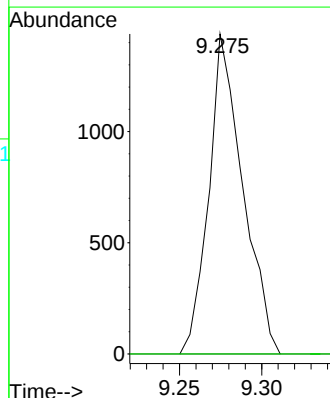
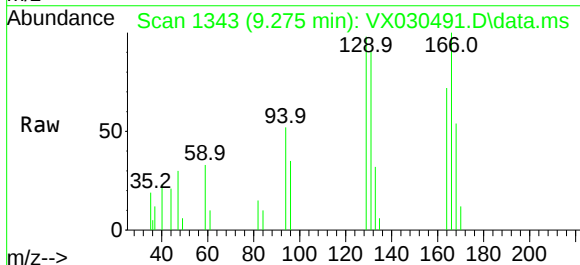
Acq: 07 Aug 2022 02:29

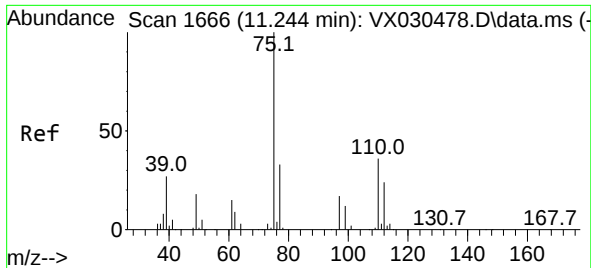
Tgt Ion:129 Resp: 2069

Ion Ratio Lower Upper

129 100

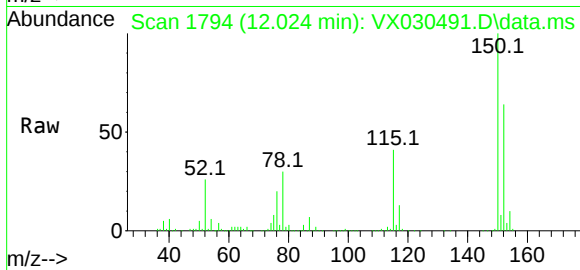
127 0.0 55.6 103.2#





#61
 1,2,3-Trichloropropane
 Concen: 6.270 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030491.D
 Acq: 07 Aug 2022 02:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 15491
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 110 2.9 30.5 45.7#

