

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029490.D
 Acq On : 15 Jun 2022 01:02
 Operator : JC/MD
 Sample : N3248-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY8

Quant Time: Jun 15 07:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

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

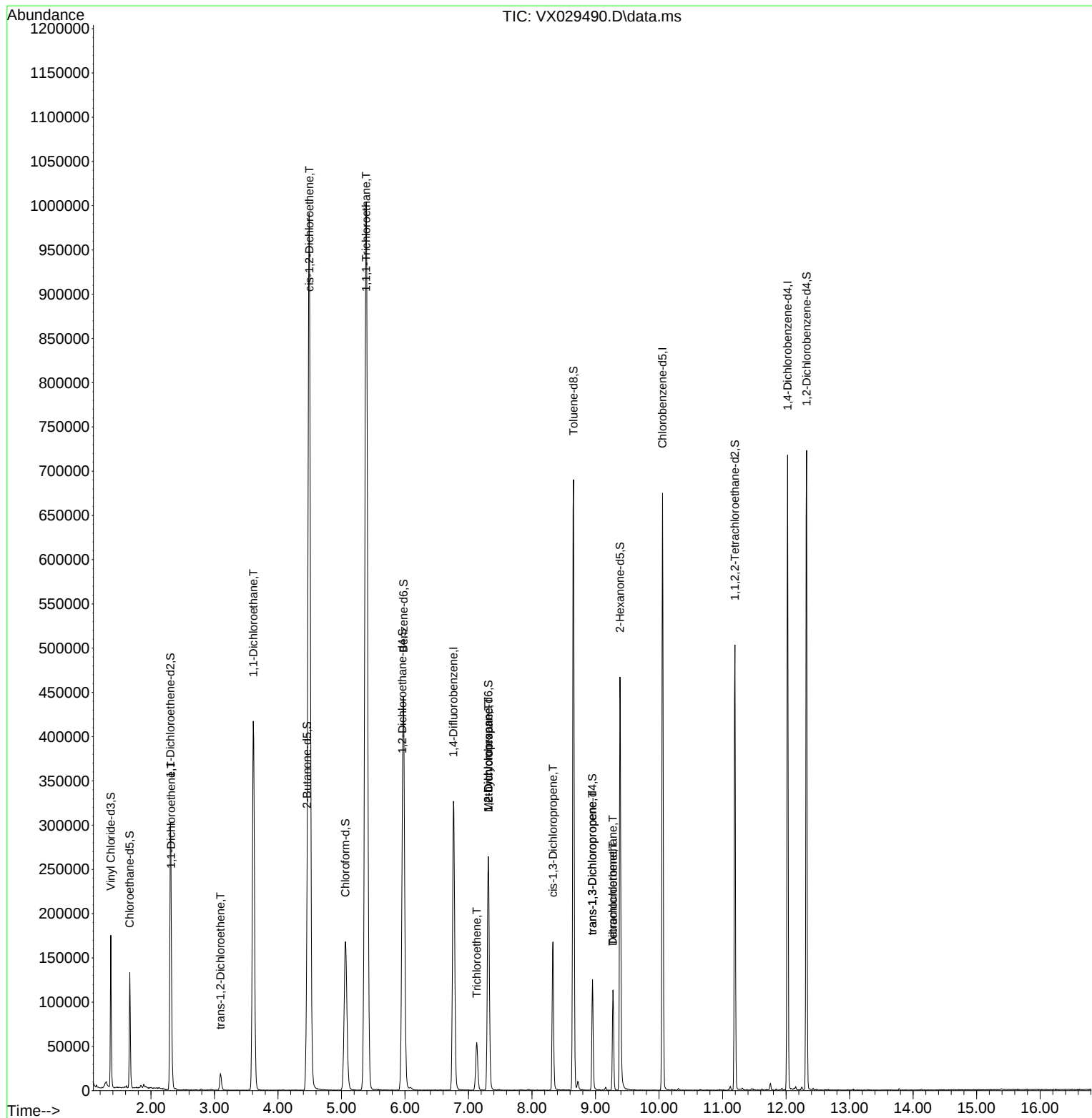
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	343703	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	306528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	146022	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108013	40.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.180%
7) Chloroethane-d5	1.666	69	85856	51.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.820%
11) 1,1-Dichloroethene-d2	2.306	63	163954	34.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.400%
21) 2-Butanone-d5	4.458	46	189373	93.857	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.860%
24) Chloroform-d	5.062	84	221088	43.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
26) 1,2-Dichloroethane-d4	5.958	65	142637	43.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
32) Benzene-d6	5.976	84	462251	48.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	7.312	67	136693	48.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	8.653	98	416272	46.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	8.952	79	57007	41.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.460%
47) 2-Hexanone-d5	9.384	63	143251	94.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	196185	47.710	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.420%
66) 1,2-Dichlorobenzene-d4	12.323	152	146900	48.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.780%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	18226	7.821	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	8026	3.216	ug/L	91
19) 1,1-Dichloroethane	3.611	63	468887	106.358	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	632749	224.304	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	1041602	245.015	ug/L	98
34) Trichloroethene	7.129	95	20888	5.913	ug/L	93
35) Methylcyclohexane	7.312	83	35865	8.042	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	15229	6.232	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	3930	1.006	ug/L #	72
44) trans-1,3-Dichloropropene	8.952	75	3015	0.823	ug/L #	80
46) Tetrachloroethene	9.275	164	21440	10.573	ug/L	95
49) Dibromochloromethane	9.275	129	21214	7.883	ug/L #	11

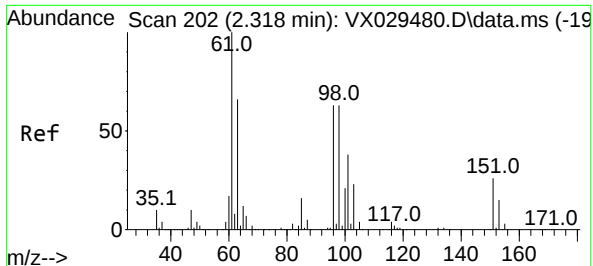
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 15 07:14:08 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.821 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

EXYY8

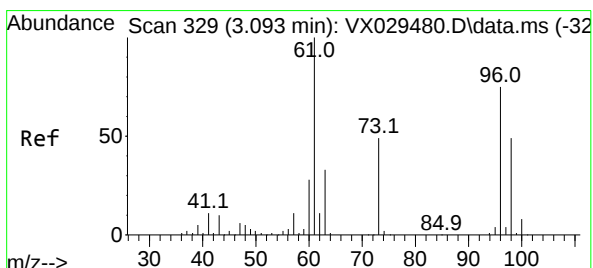
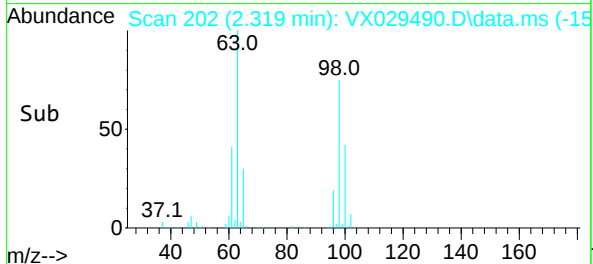
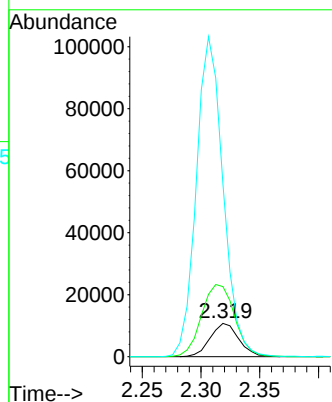
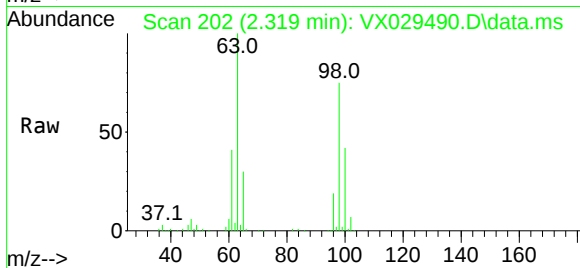
Tgt Ion: 96 Resp: 18226

Ion Ratio Lower Upper

96 100

61 210.1 118.2 219.4

63 518.2 109.6 203.4#



#17

trans-1,2-Dichloroethene

Concen: 3.216 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

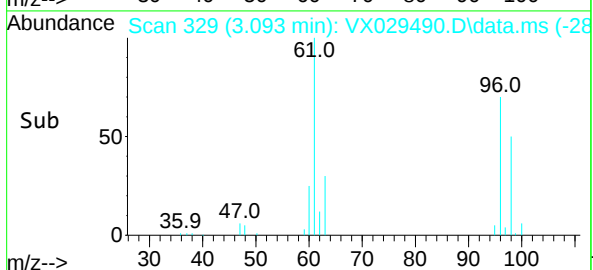
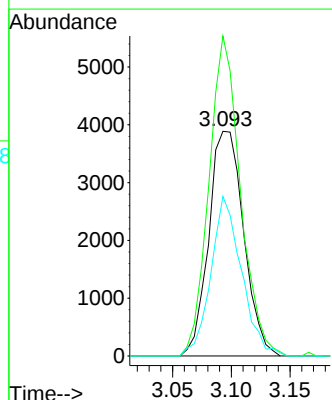
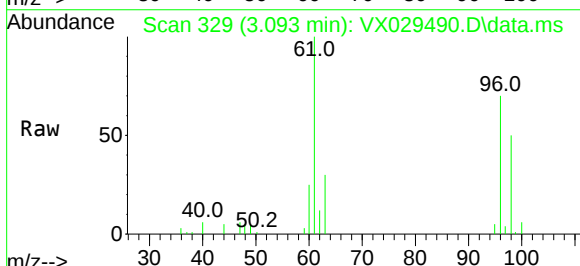
Tgt Ion: 96 Resp: 8026

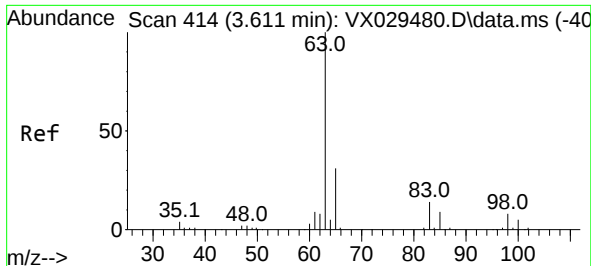
Ion Ratio Lower Upper

96 100

61 142.4 93.0 172.6

98 71.0 44.3 82.3





#19

1,1-Dichloroethane

Concen: 106.358 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

EXYY8

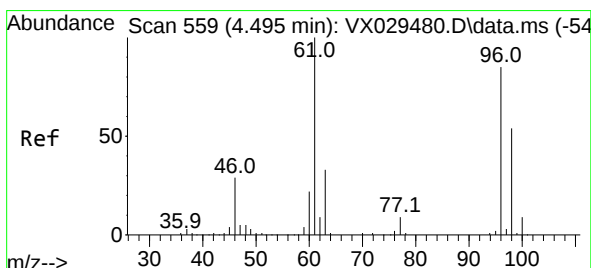
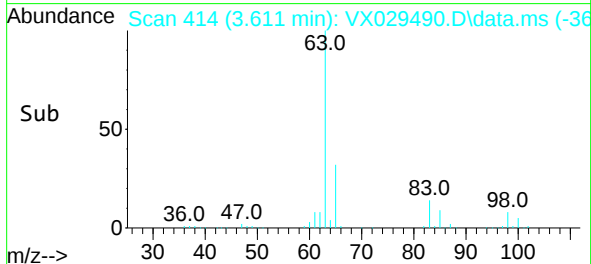
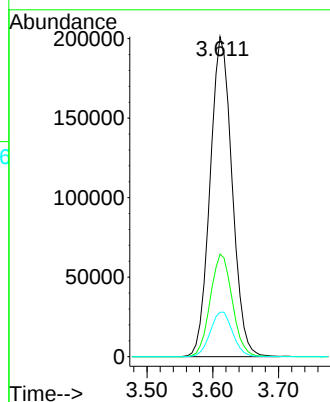
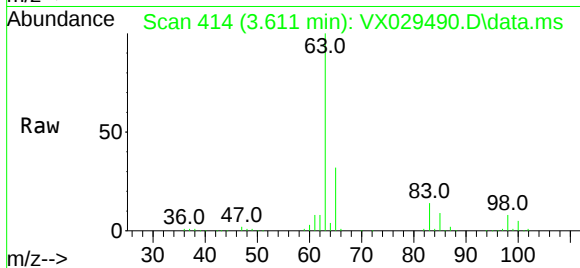
Tgt Ion: 63 Resp: 468887

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 13.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 224.304 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

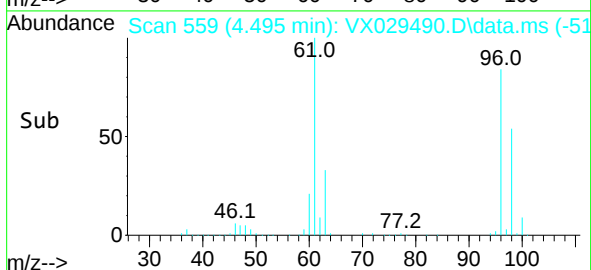
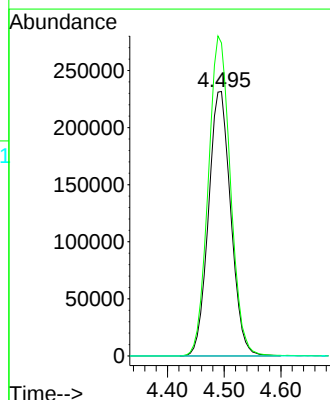
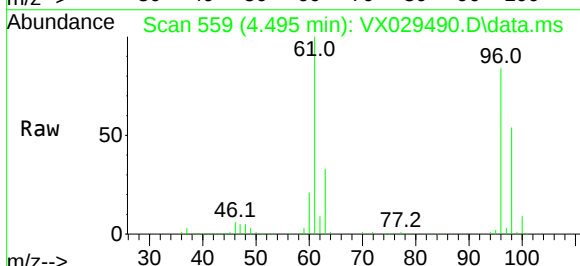
Tgt Ion: 96 Resp: 632749

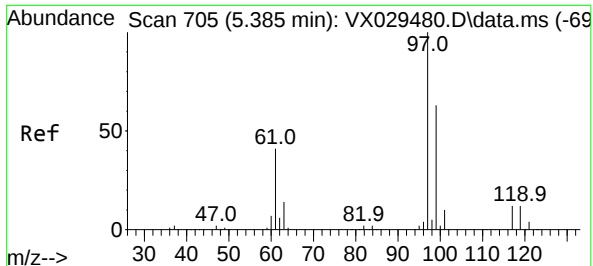
Ion Ratio Lower Upper

96 100

61 118.3 86.7 161.1

68 0.0 0.0 0.0



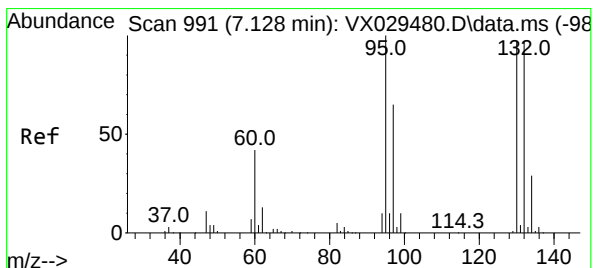
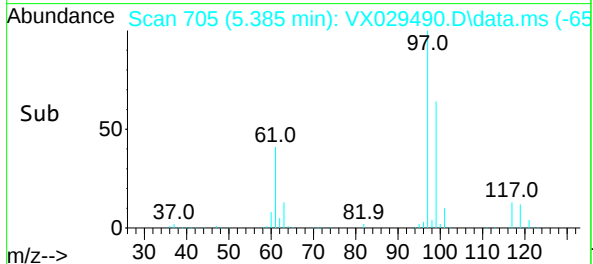
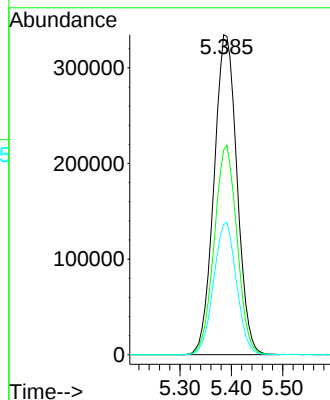
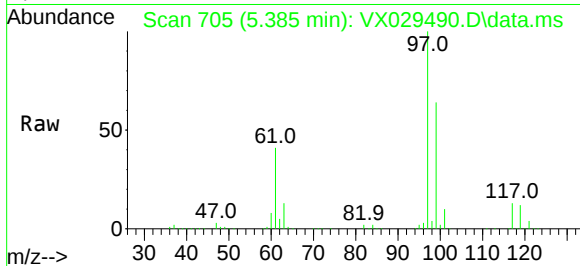


#30
1,1,1-Trichloroethane
Concen: 245.015 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX029490.D
Acq: 15 Jun 2022 01:02

Instrument :
MSVOA_X
ClientSampleId :
EXYY8

Tgt Ion: 97 Resp: 1041602

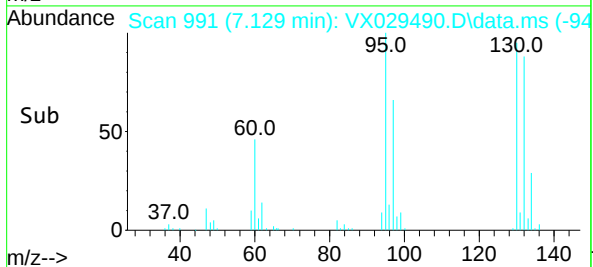
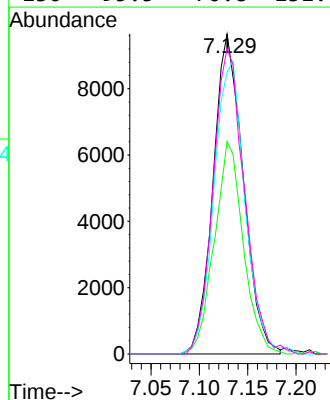
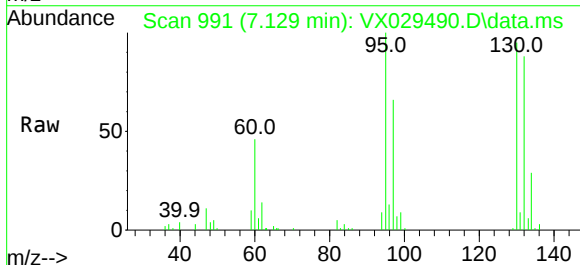
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	41.0	35.2	52.8

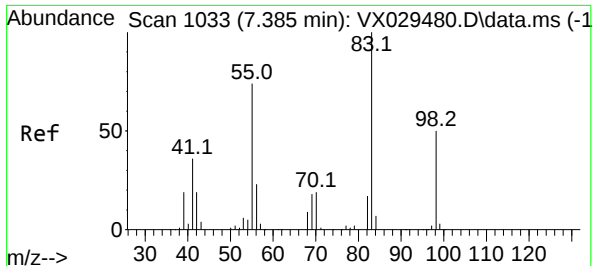


#34
Trichloroethene
Concen: 5.913 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029490.D
Acq: 15 Jun 2022 01:02

Tgt Ion: 95 Resp: 20888

Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.5	84.5
132	88.0	69.9	129.7
130	95.5	70.8	131.6





#35

Methylcyclohexane

Concen: 8.042 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

EXYY8

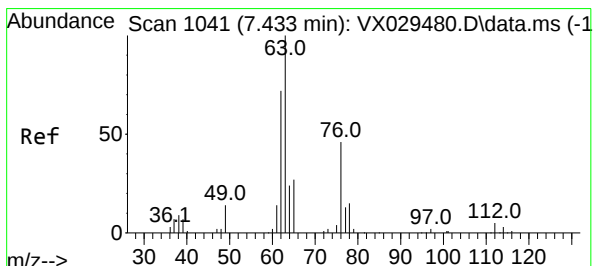
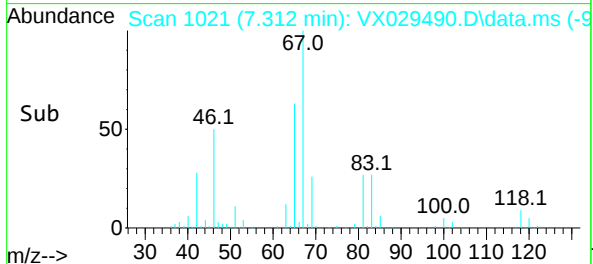
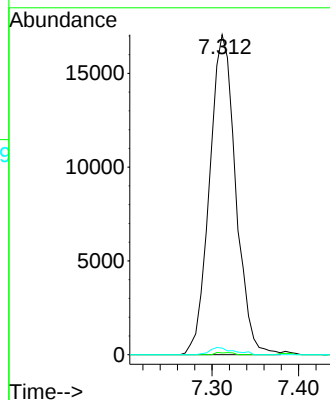
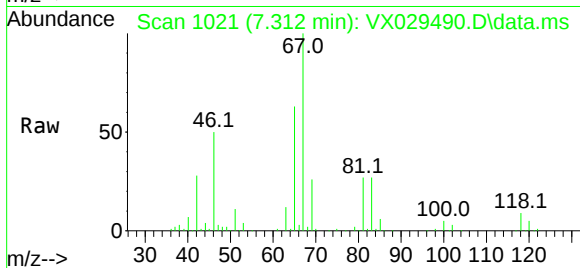
Tgt Ion: 83 Resp: 35865

Ion Ratio Lower Upper

83 100

55 0.2 60.6 90.8#

98 0.2 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 6.232 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX029490.D

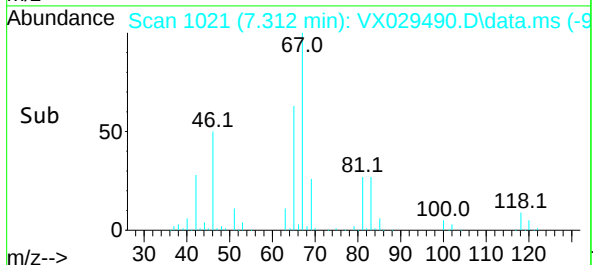
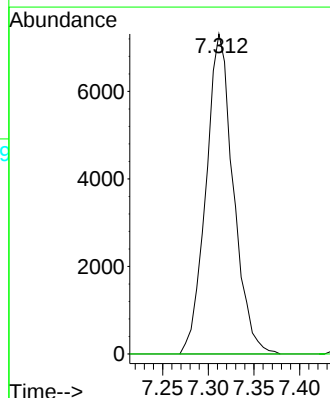
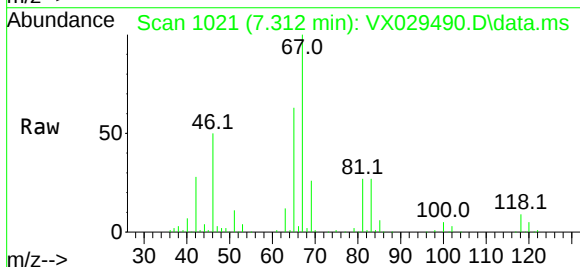
Acq: 15 Jun 2022 01:02

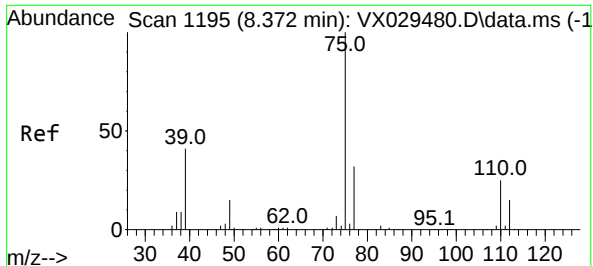
Tgt Ion: 63 Resp: 15229

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 1.006 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.042 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

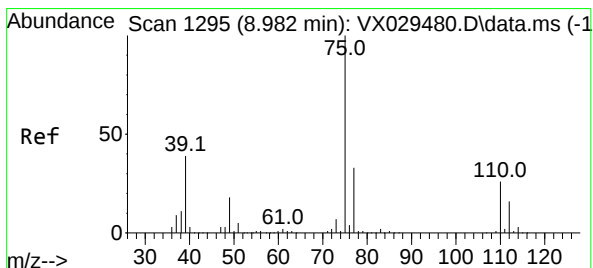
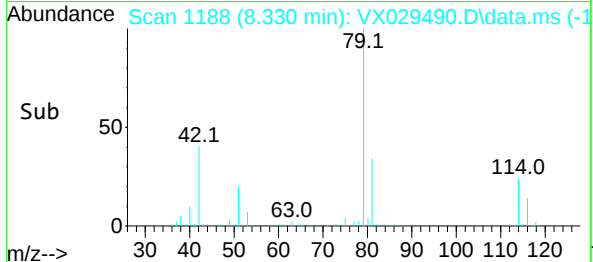
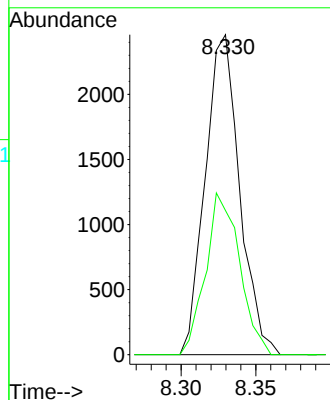
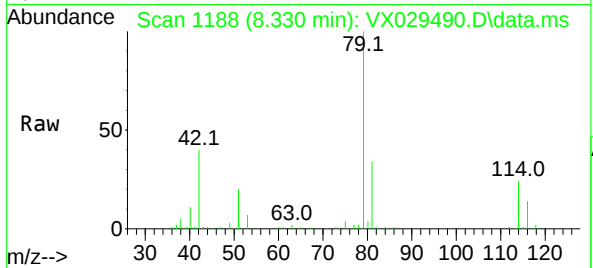
EXYY8

Tgt Ion: 75 Resp: 3930

Ion Ratio Lower Upper

75 100

77 45.1 21.1 39.1#



#44

trans-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX029490.D

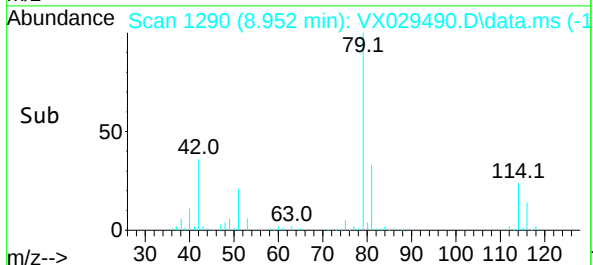
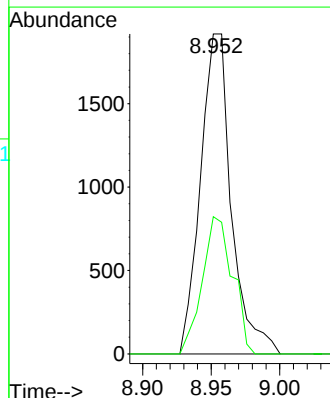
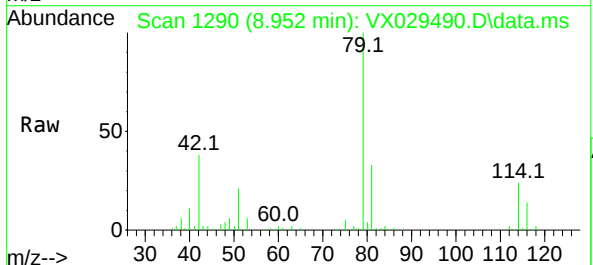
Acq: 15 Jun 2022 01:02

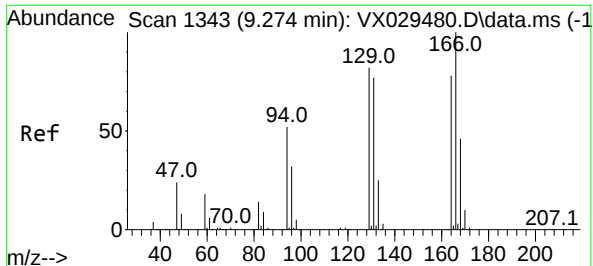
Tgt Ion: 75 Resp: 3015

Ion Ratio Lower Upper

75 100

77 42.9 22.3 41.3#





#46

Tetrachloroethene

Concen: 10.573 ug/L

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

EXYY8

Tgt Ion:164 Resp: 21440

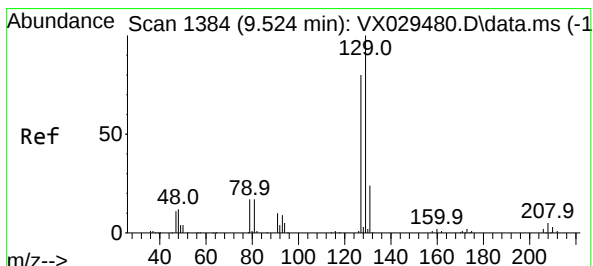
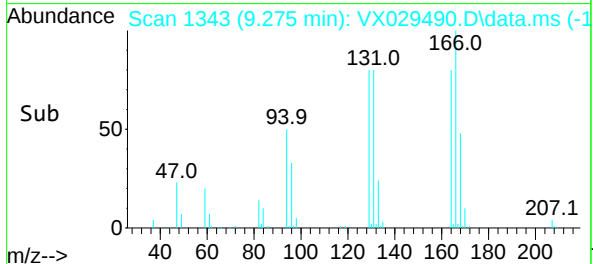
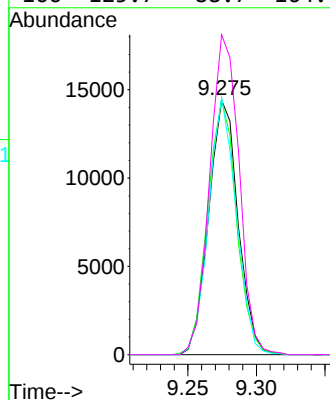
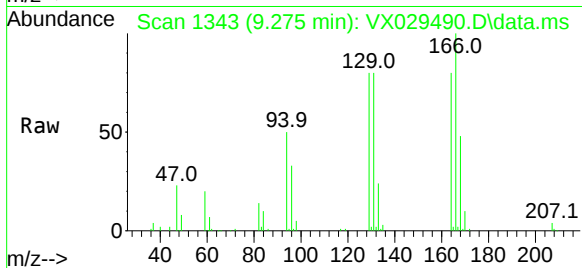
Ion Ratio Lower Upper

164 100

129 100.0 65.5 121.7

131 101.1 64.3 119.3

166 125.7 88.7 164.7



#49

Dibromochloromethane

Concen: 7.883 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX029490.D

Acq: 15 Jun 2022 01:02

Tgt Ion:129 Resp: 21214

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#

