

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029487.D
 Acq On : 14 Jun 2022 23:53
 Operator : JC/MD
 Sample : N3248-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYY9

Quant Time: Jun 15 07:16:24 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)

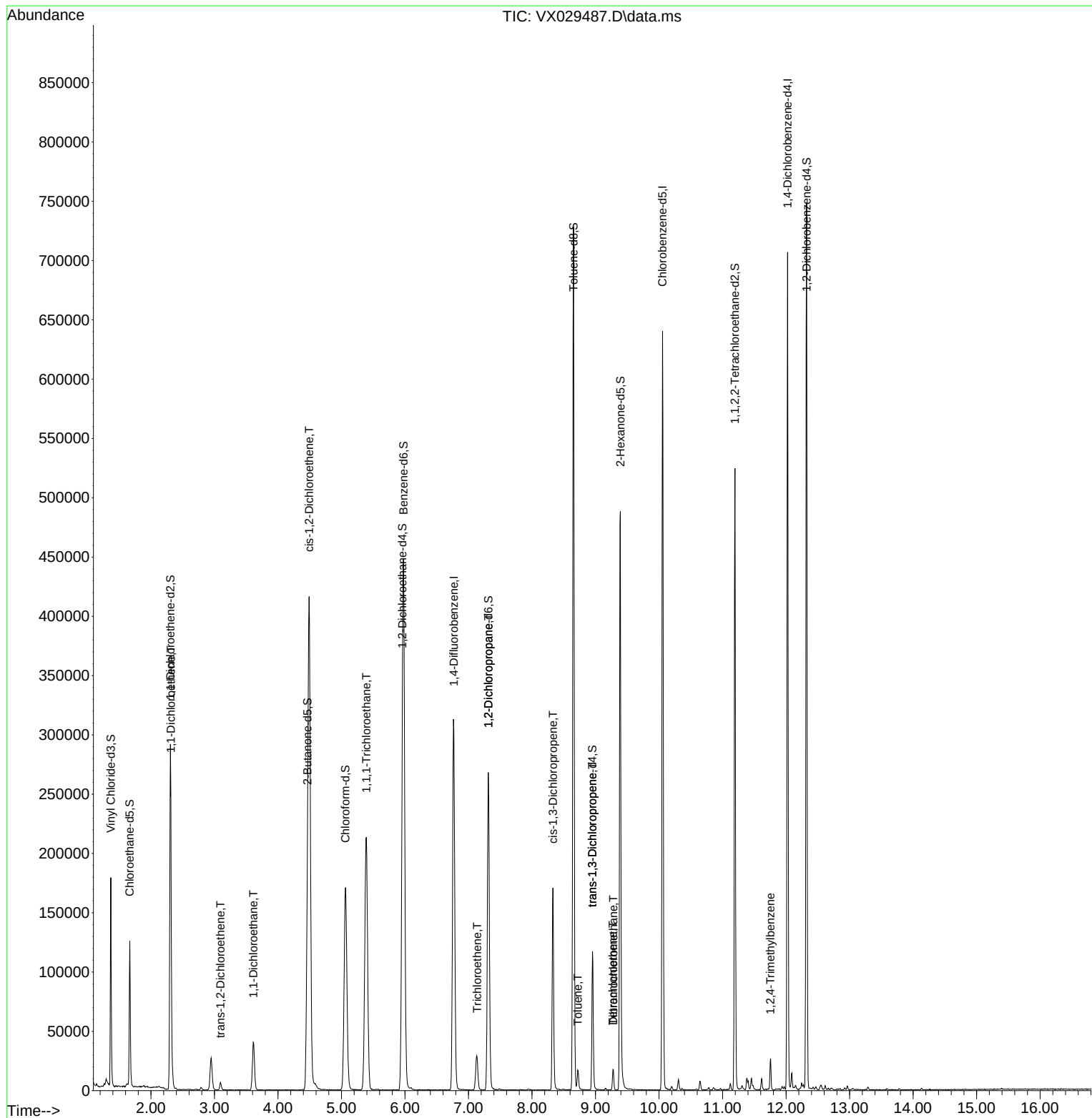
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	331861	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	296155	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	111817	43.518	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.040%		
7) Chloroethane-d5	1.666	69	80021	50.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.220%		
11) 1,1-Dichloroethene-d2	2.306	63	162038	35.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.000%		
21) 2-Butanone-d5	4.464	46	197767	101.515	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.520%		
24) Chloroform-d	5.062	84	225518	45.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.940%		
26) 1,2-Dichloroethane-d4	5.958	65	145978	46.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.040%		
32) Benzene-d6	5.976	84	466140	50.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.780%		
36) 1,2-Dichloropropane-d6	7.311	67	139306	51.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.820%		
41) Toluene-d8	8.652	98	419529	48.104	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.200%		
43) trans-1,3-Dichloroprop...	8.951	79	56785	42.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.000%		
47) 2-Hexanone-d5	9.390	63	152013	103.730	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.730%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	199166	50.131	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.260%		
66) 1,2-Dichlorobenzene-d4	12.323	152	147365	49.684	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.360%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	3691	1.640	ug/L #	1
17) trans-1,2-Dichloroethene	3.092	96	2517	1.044	ug/L	92
19) 1,1-Dichloroethane	3.611	63	44691	10.499	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	243630	89.446	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	217966	53.068	ug/L	98
34) Trichloroethene	7.134	95	10883	3.189	ug/L	94
37) 1,2-Dichloropropane	7.311	63	15653	6.630	ug/L #	85
39) cis-1,3-Dichloropropene	8.329	75	3956	1.048	ug/L #	49
42) Toluene	8.720	91	10964	1.039	ug/L	86
44) trans-1,3-Dichloropropene	8.951	75	2674	0.755	ug/L	92
46) Tetrachloroethene	9.274	164	3445	1.758	ug/L	93
49) Dibromochloromethane	9.280	129	3376	1.298	ug/L #	11
63) 1,2,4-Trimethylbenzene	11.756	105	10700	1.132	ug/L	96

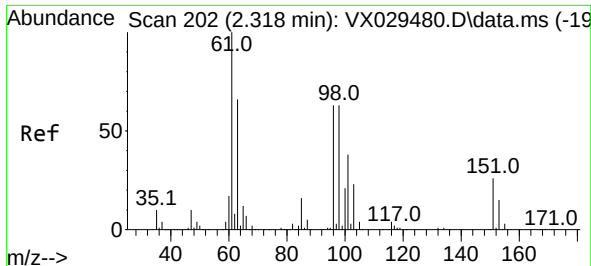
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.640 ug/L

RT: 2.312 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

EXYY9

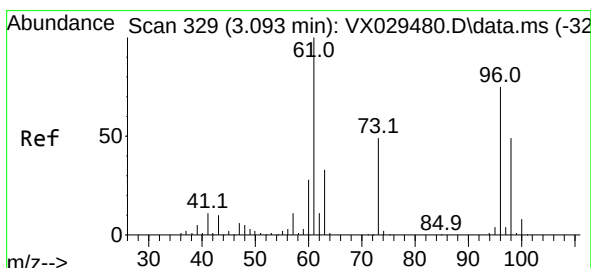
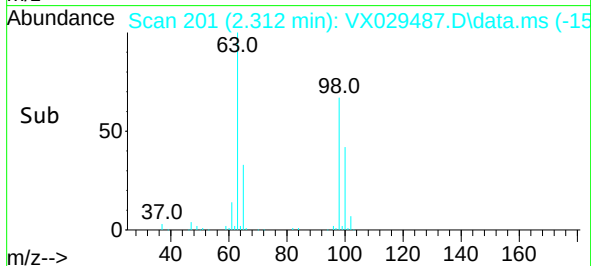
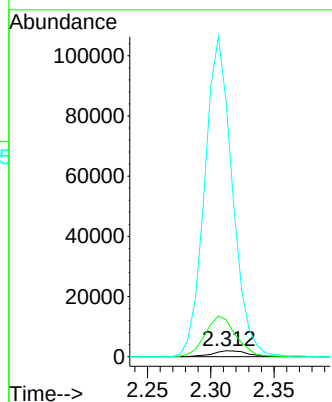
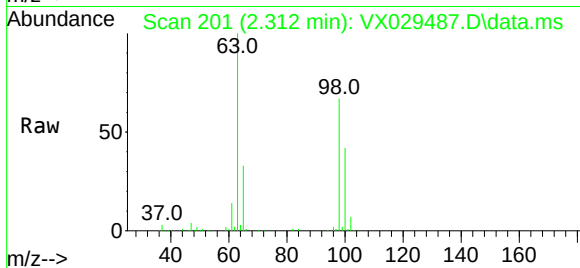
Tgt Ion: 96 Resp: 3691

Ion Ratio Lower Upper

96 100

61 624.8 118.2 219.4#

63 4320.0 109.6 203.4#



#17

trans-1,2-Dichloroethene

Concen: 1.044 ug/L

RT: 3.092 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

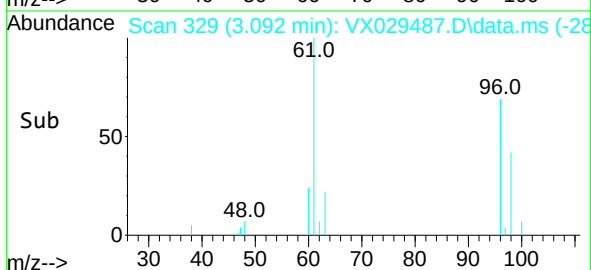
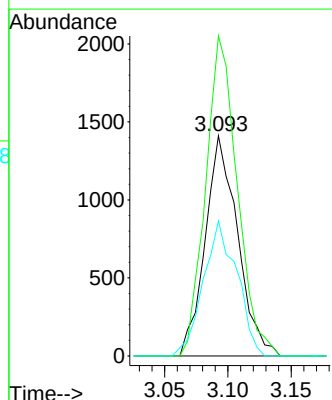
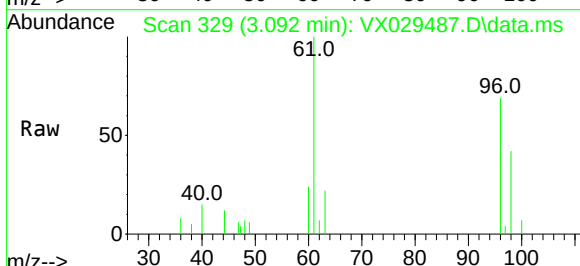
Tgt Ion: 96 Resp: 2517

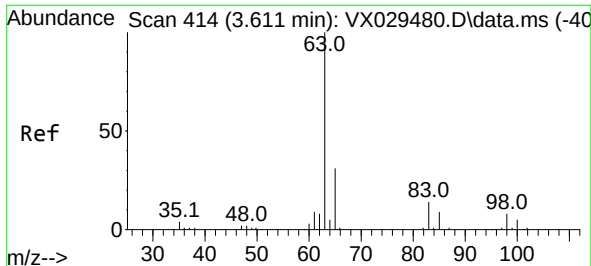
Ion Ratio Lower Upper

96 100

61 145.4 93.0 172.6

98 61.3 44.3 82.3





#19

1,1-Dichloroethane

Concen: 10.499 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

EXYY9

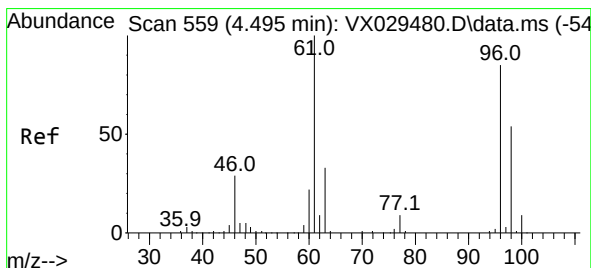
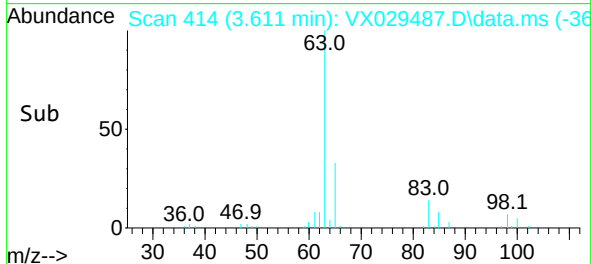
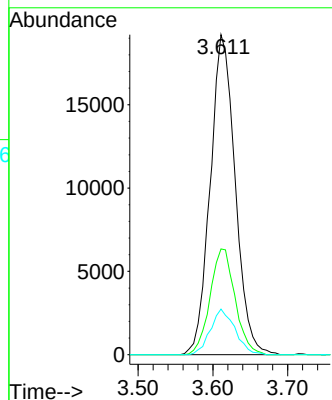
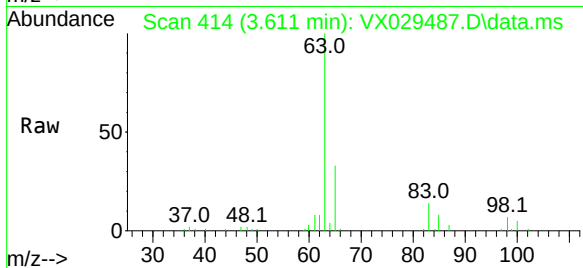
Tgt Ion: 63 Resp: 44691

Ion Ratio Lower Upper

63 100

65 33.0 22.9 42.5

83 14.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 89.446 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

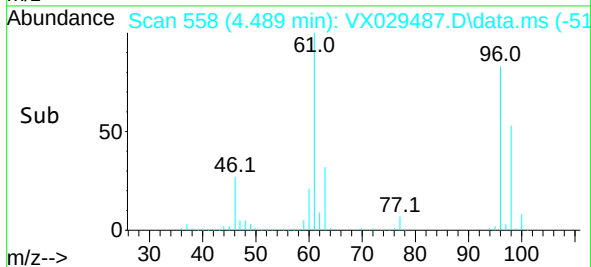
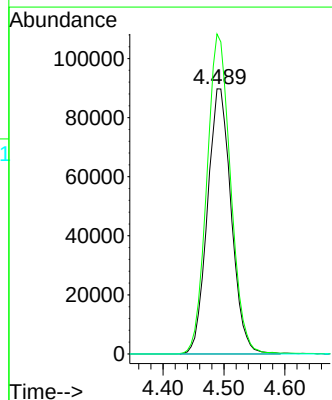
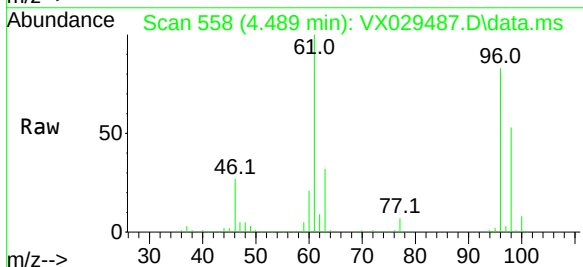
Tgt Ion: 96 Resp: 243630

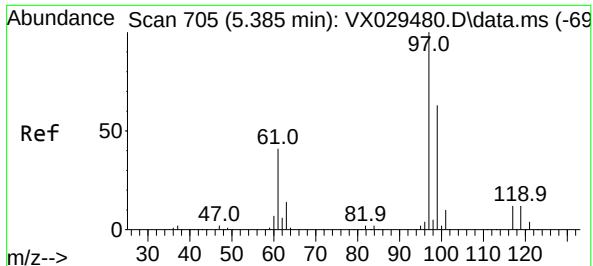
Ion Ratio Lower Upper

96 100

61 120.7 86.7 161.1

68 0.0 0.0 0.0

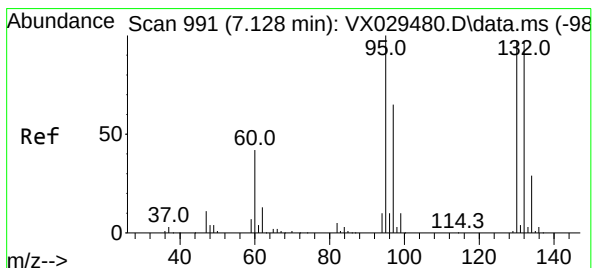
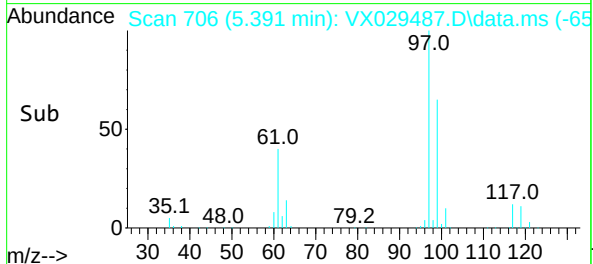
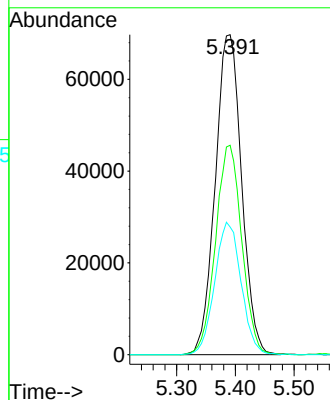
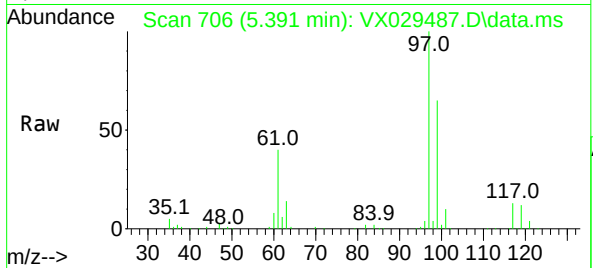




#30
1,1,1-Trichloroethane
Concen: 53.068 ug/L
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029487.D
Acq: 14 Jun 2022 23:53

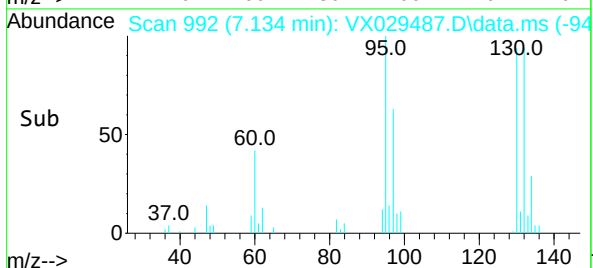
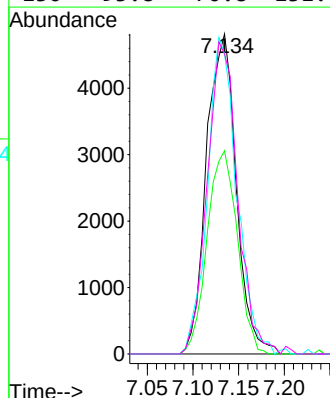
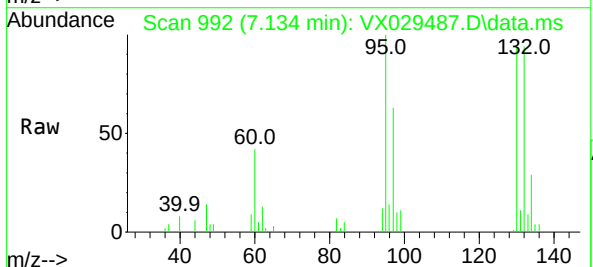
Instrument :
MSVOA_X
ClientSampleId :
EXYY9

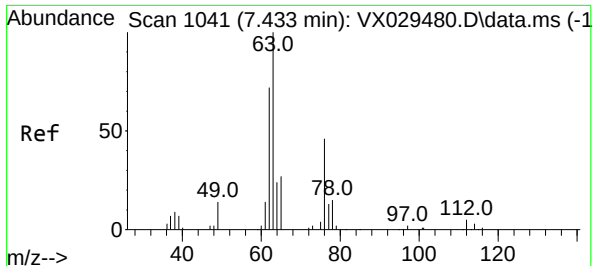
Tgt Ion: 97 Resp: 217966
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 41.4 35.2 52.8



#34
Trichloroethene
Concen: 3.189 ug/L
RT: 7.134 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029487.D
Acq: 14 Jun 2022 23:53

Tgt Ion: 95 Resp: 10883
Ion Ratio Lower Upper
95 100
97 63.5 45.5 84.5
132 93.8 69.9 129.7
130 93.8 70.8 131.6





#37

1,2-Dichloropropane

Concen: 6.630 ug/L

RT: 7.311 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

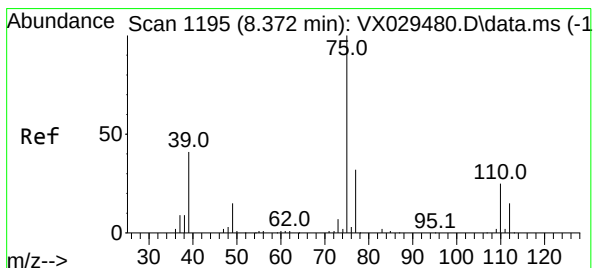
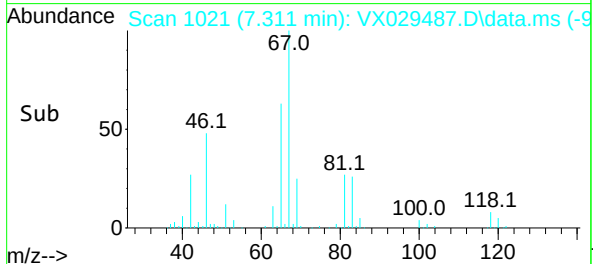
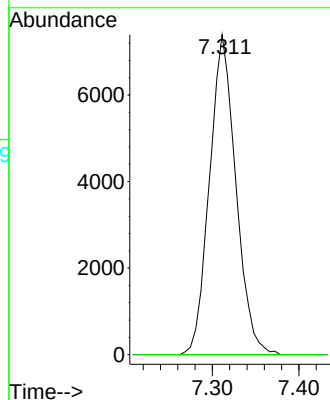
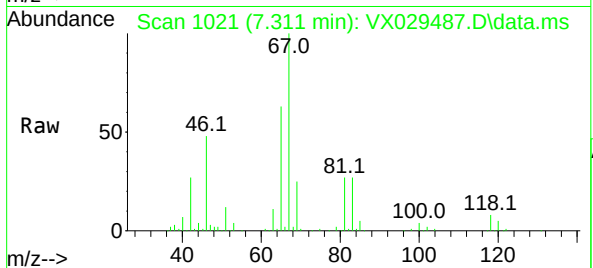
EXYY9

Tgt Ion: 63 Resp: 15653

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 1.048 ug/L

RT: 8.329 min Scan# 1188

Delta R.T. -0.043 min

Lab File: VX029487.D

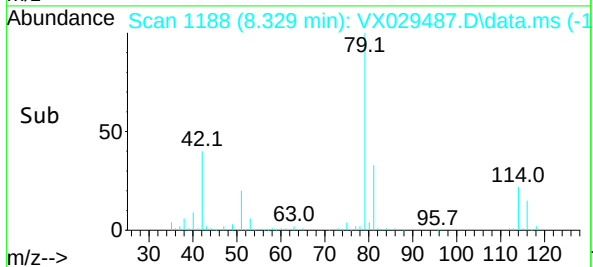
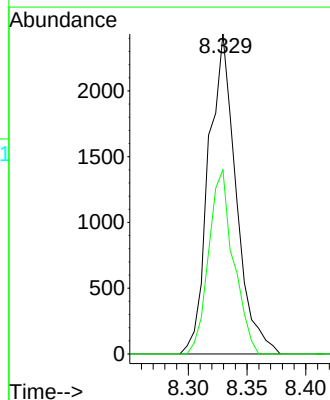
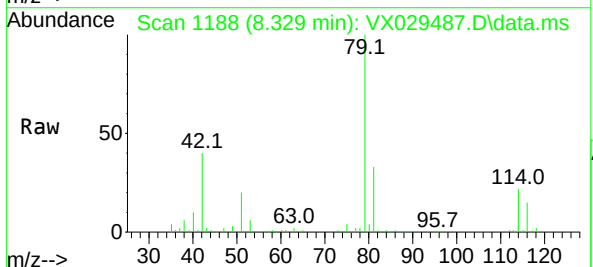
Acq: 14 Jun 2022 23:53

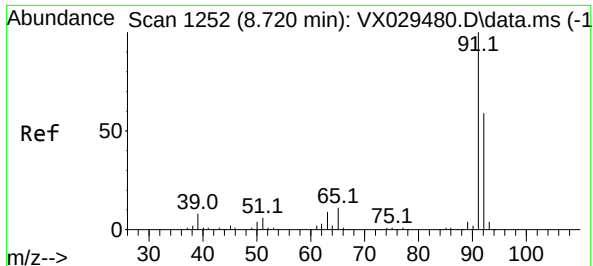
Tgt Ion: 75 Resp: 3956

Ion Ratio Lower Upper

75 100

77 57.5 21.1 39.1#





#42

Toluene

Concen: 1.039 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029487.D

Acq: 14 Jun 2022 23:53

Instrument :

MSVOA_X

ClientSampleId :

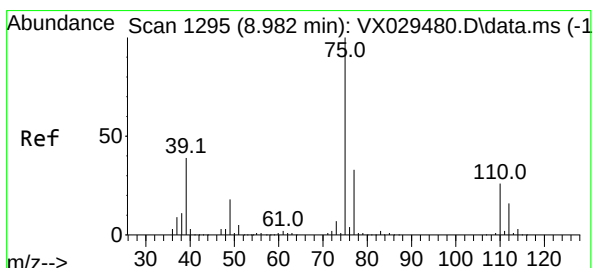
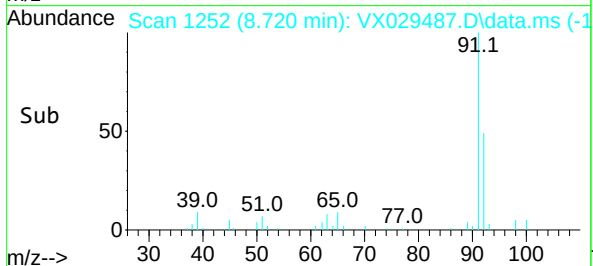
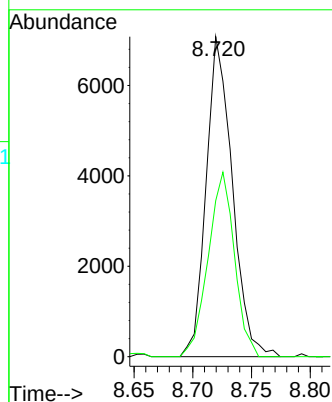
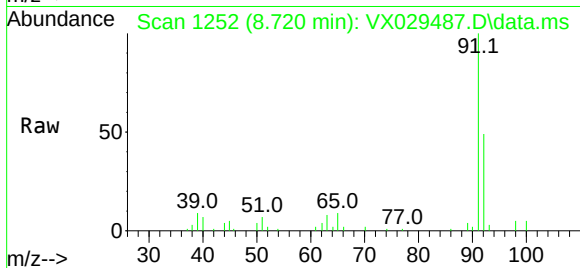
EXYY9

Tgt Ion: 91 Resp: 10964

Ion Ratio Lower Upper

91 100

92 48.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 0.755 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX029487.D

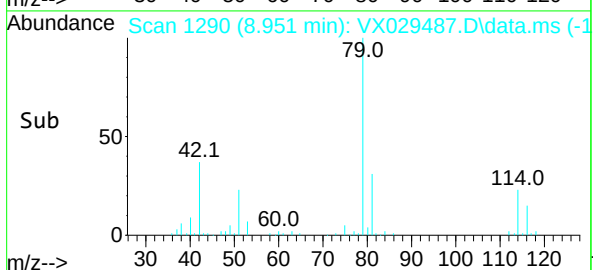
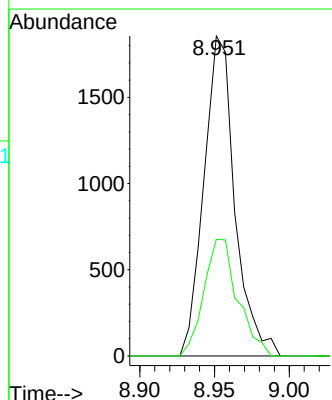
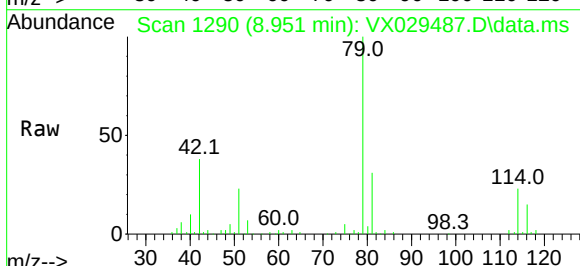
Acq: 14 Jun 2022 23:53

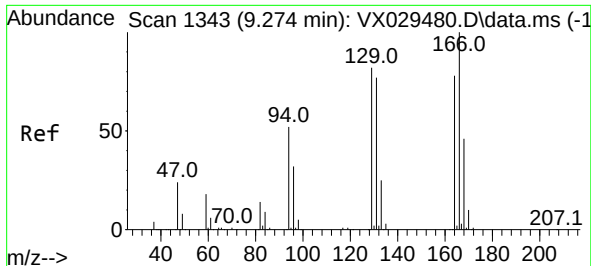
Tgt Ion: 75 Resp: 2674

Ion Ratio Lower Upper

75 100

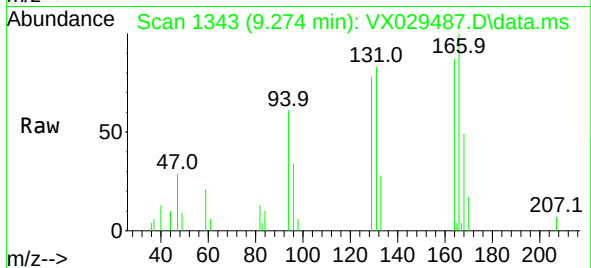
77 36.4 22.3 41.3





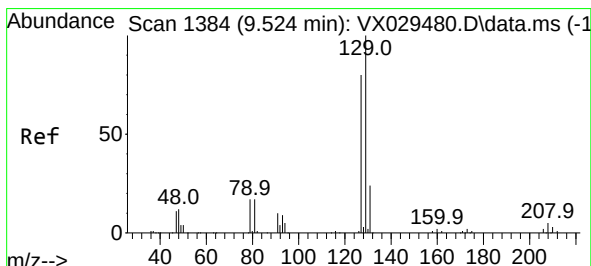
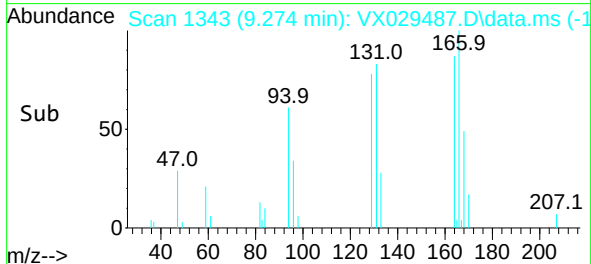
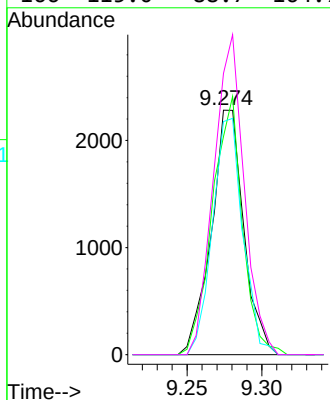
#46
 Tetrachloroethene
 Concen: 1.758 ug/L
 RT: 9.274 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029487.D
 Acq: 14 Jun 2022 23:53

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:164 Resp: 3445

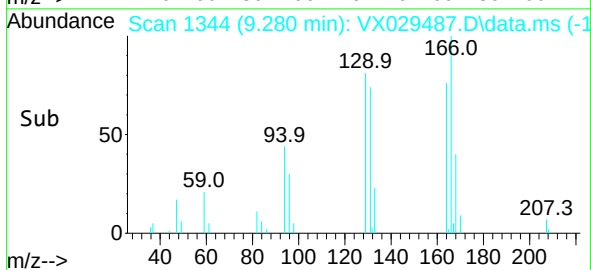
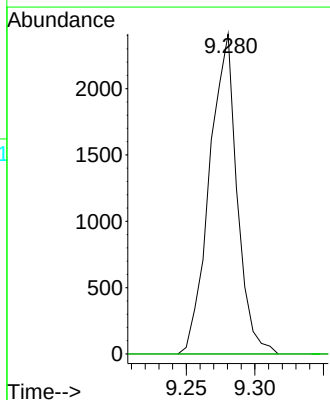
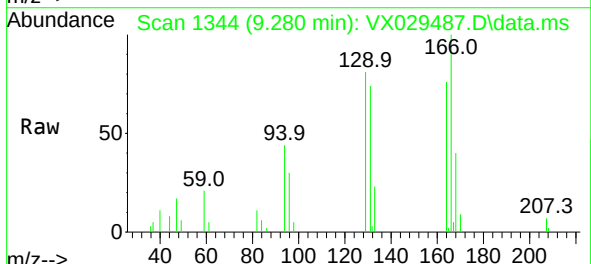
Ion	Ratio	Lower	Upper
164	100		
129	89.2	65.5	121.7
131	95.4	64.3	119.3
166	115.0	88.7	164.7

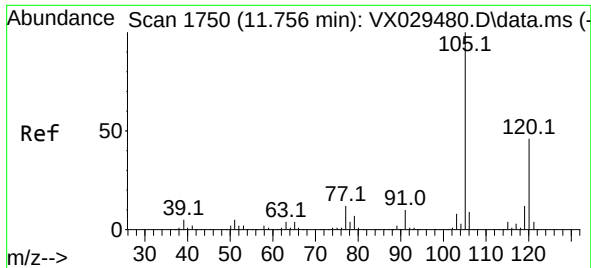


#49
 Dibromochloromethane
 Concen: 1.298 ug/L
 RT: 9.280 min Scan# 1344
 Delta R.T. -0.244 min
 Lab File: VX029487.D
 Acq: 14 Jun 2022 23:53

Tgt Ion:129 Resp: 3376

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#63
1,2,4-Trimethylbenzene
Concen: 1.132 ug/L
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029487.D
Acq: 14 Jun 2022 23:53

Instrument :
MSVOA_X
ClientSampleId :
EXYY9

Tgt Ion:105 Resp: 10700
Ion Ratio Lower Upper
105 100
120 42.6 36.1 54.1

