

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029440.D
 Acq On : 14 Jun 2022 02:18
 Operator : JC/MD
 Sample : N3248-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX9DL

Quant Time: Jun 14 06:44:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

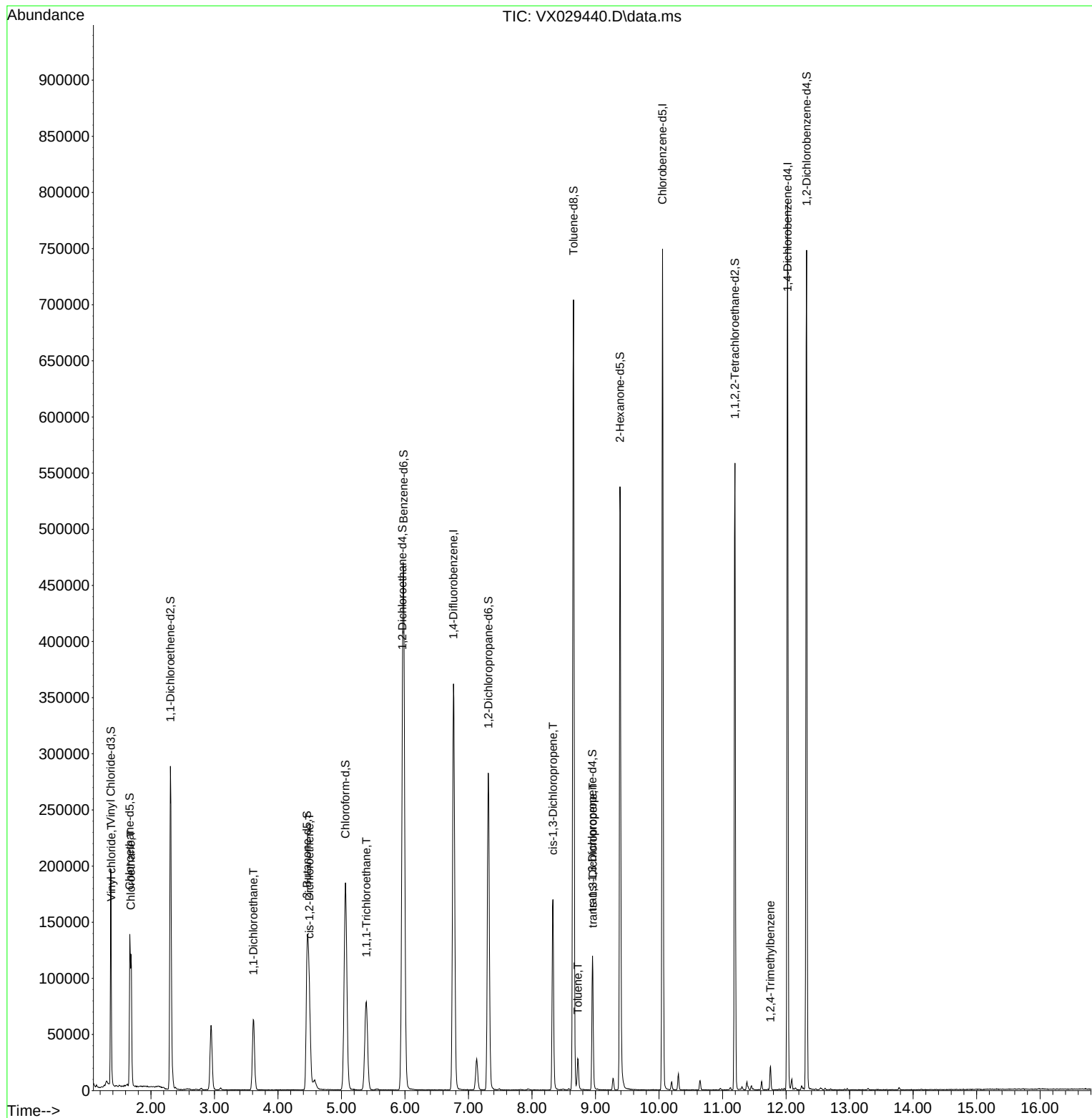
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	376868	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	335743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	158080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	115727	39.661	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.320%	
7) Chloroethane-d5	1.666	69	90475	49.893	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.780%	
11) 1,1-Dichloroethene-d2	2.306	63	162478	30.905	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.820%	
21) 2-Butanone-d5	4.458	46	217292	98.217	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.220%	
24) Chloroform-d	5.062	84	241384	43.327	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.660%	
26) 1,2-Dichloroethane-d4	5.958	65	159113	44.174	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.340%	
32) Benzene-d6	5.976	84	479158	45.690	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.380%	
36) 1,2-Dichloropropane-d6	7.311	67	146772	47.783	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.560%	
41) Toluene-d8	8.653	98	422746	42.758	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.520%	
43) trans-1,3-Dichloroprop...	8.951	79	58873	38.870	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.740%	
47) 2-Hexanone-d5	9.384	63	168163	101.220	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.220%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	215053	47.748	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.500%	
66) 1,2-Dichlorobenzene-d4	12.323	152	152031	46.259	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.520%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	6618	2.016	ug/L #	55
8) Chloroethane	1.684	64	65224	38.750	ug/L	99
19) 1,1-Dichloroethane	3.611	63	72730	15.046	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	38806	12.546	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	81982	17.606	ug/L	98
39) cis-1,3-Dichloropropene	8.330	75	4066	0.950	ug/L #	52
42) Toluene	8.720	91	17929	1.499	ug/L	98
44) trans-1,3-Dichloropropene	8.957	75	2904	0.724	ug/L	91
63) 1,2,4-Trimethylbenzene	11.756	105	9658	0.922	ug/L	95

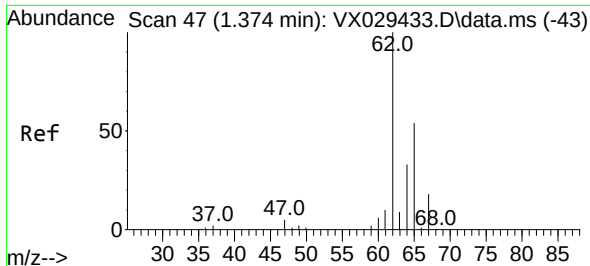
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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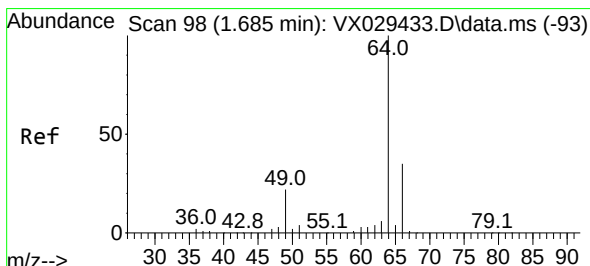
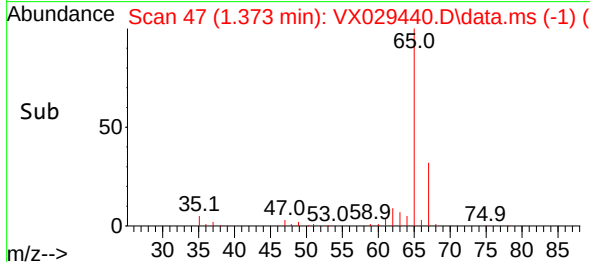
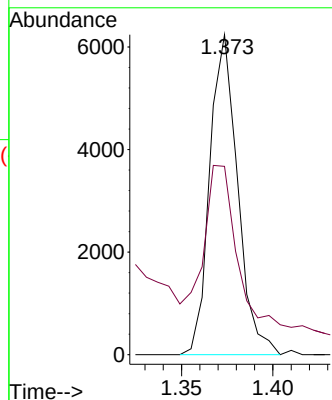
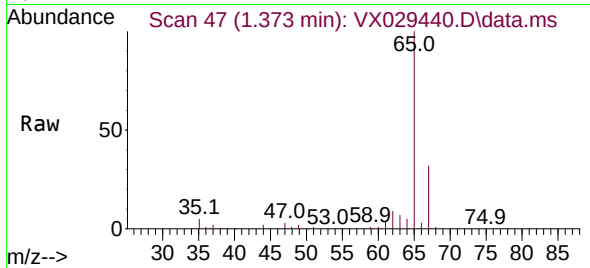




#5
 Vinyl chloride
 Concen: 2.016 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029440.D
 Acq: 14 Jun 2022 02:18

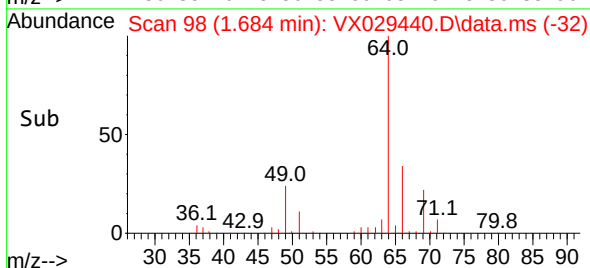
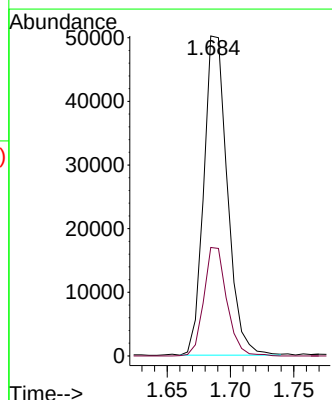
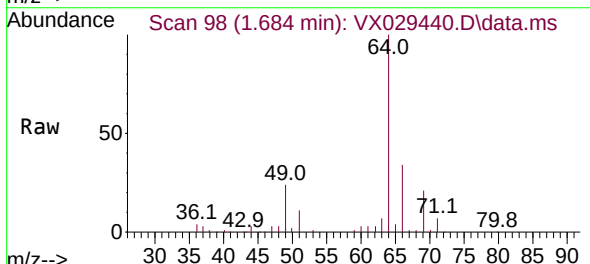
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX9DL

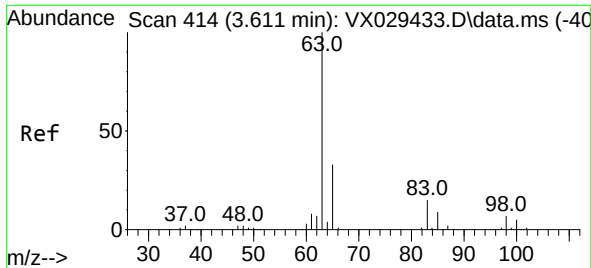
Tgt Ion: 62 Resp: 6618
 Ion Ratio Lower Upper
 62 100
 64 58.9 23.3 43.3#



#8
 Chloroethane
 Concen: 38.750 ug/L
 RT: 1.684 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX029440.D
 Acq: 14 Jun 2022 02:18

Tgt Ion: 64 Resp: 65224
 Ion Ratio Lower Upper
 64 100
 66 33.9 24.2 45.0





#19

1,1-Dichloroethane

Concen: 15.046 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX029440.D

Acq: 14 Jun 2022 02:18

Instrument :

MSVOA_X

ClientSampleId :

EXYX9DL

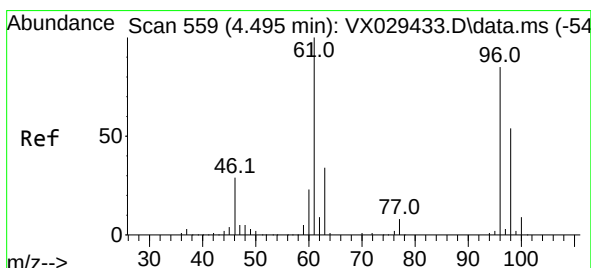
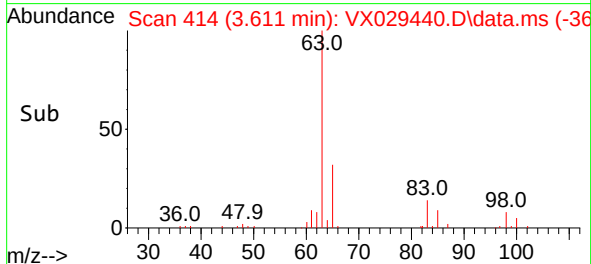
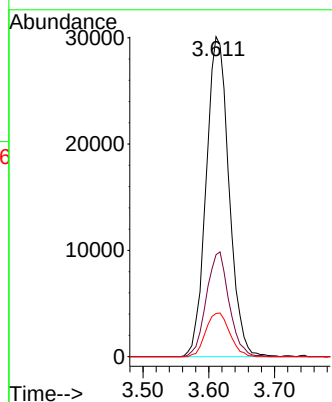
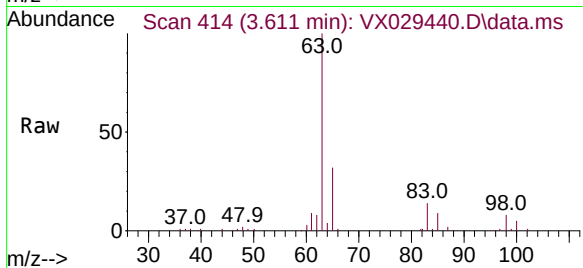
Tgt Ion: 63 Resp: 72730

Ion Ratio Lower Upper

63 100

65 31.9 22.9 42.5

83 13.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 12.546 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX029440.D

Acq: 14 Jun 2022 02:18

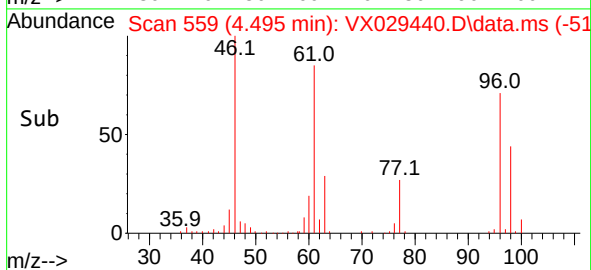
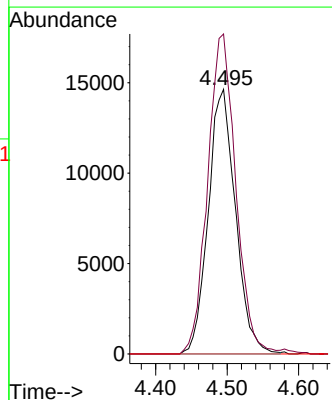
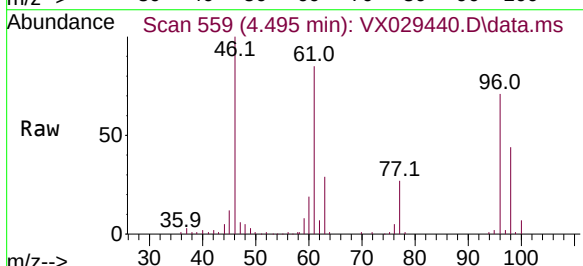
Tgt Ion: 96 Resp: 38806

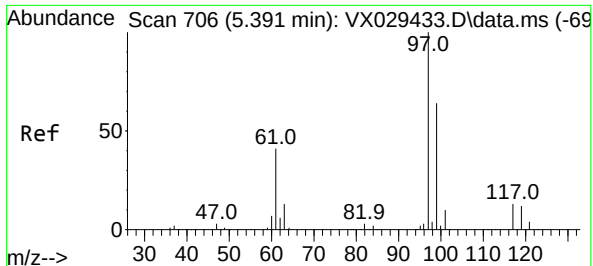
Ion Ratio Lower Upper

96 100

61 120.9 86.7 161.1

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 17.606 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029440.D

Acq: 14 Jun 2022 02:18

Instrument :

MSVOA_X

ClientSampleId :

EXYX9DL

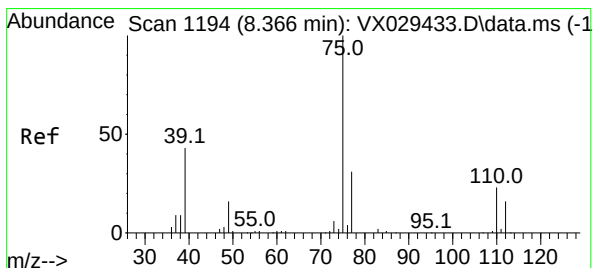
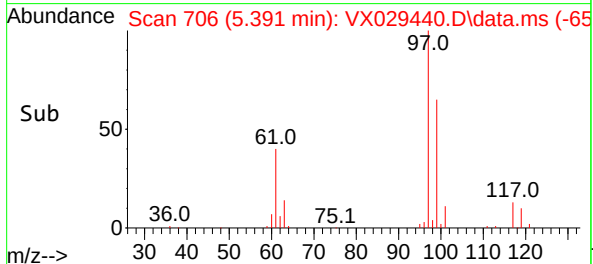
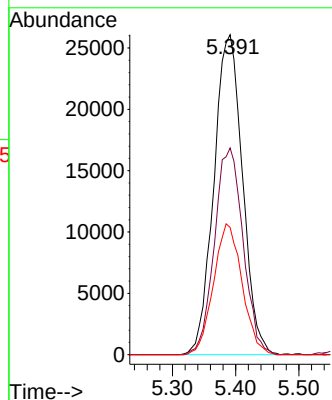
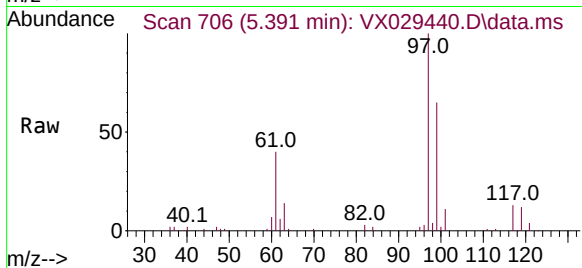
Tgt Ion: 97 Resp: 81982

Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 40.8 35.2 52.8



#39

cis-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX029440.D

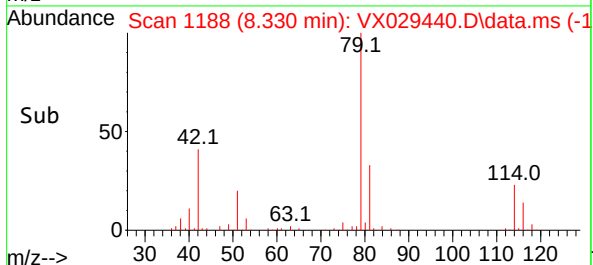
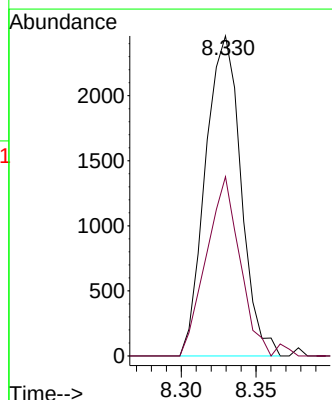
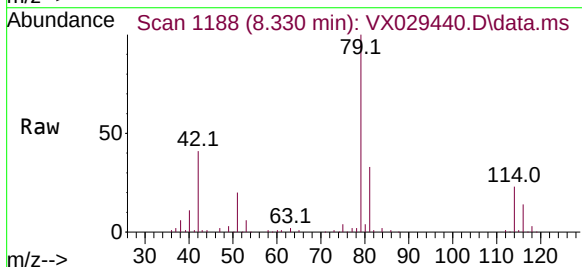
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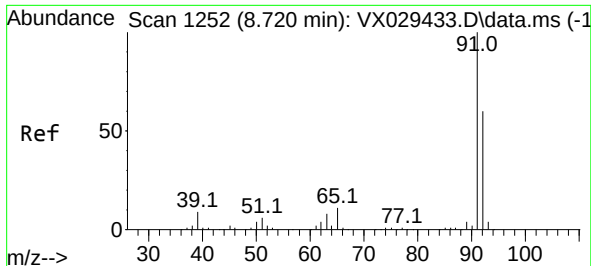
Tgt Ion: 75 Resp: 4066

Ion Ratio Lower Upper

75 100

77 56.0 21.1 39.1#





#42

Toluene

Concen: 1.499 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029440.D

Acq: 14 Jun 2022 02:18

Instrument :

MSVOA_X

ClientSampleId :

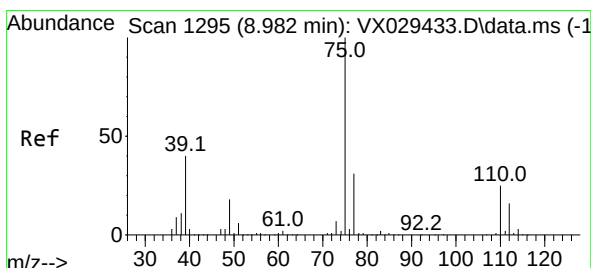
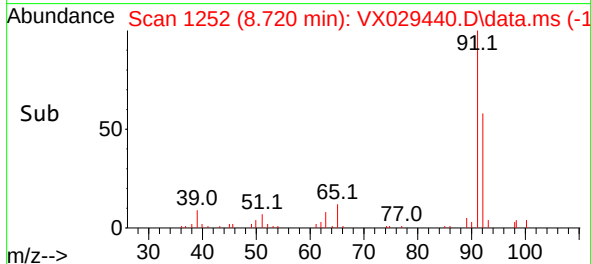
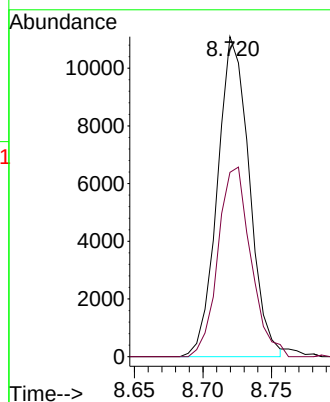
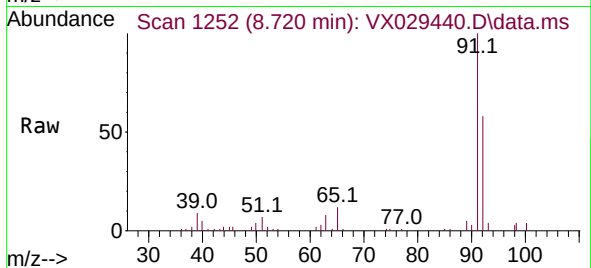
EXYX9DL

Tgt Ion: 91 Resp: 17929

Ion Ratio Lower Upper

91 100

92 57.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 0.724 ug/L

RT: 8.957 min Scan# 1291

Delta R.T. -0.025 min

Lab File: VX029440.D

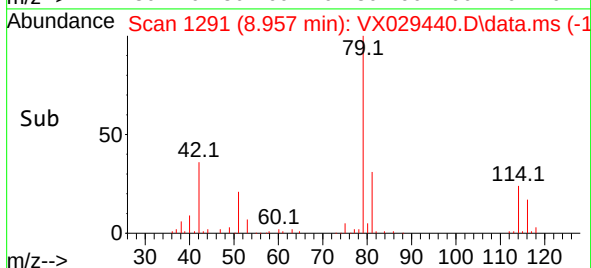
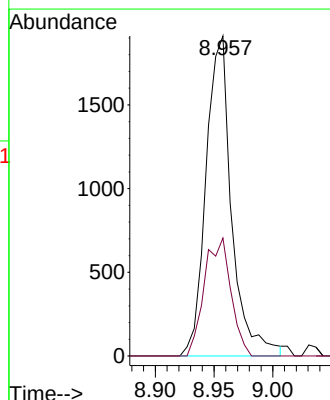
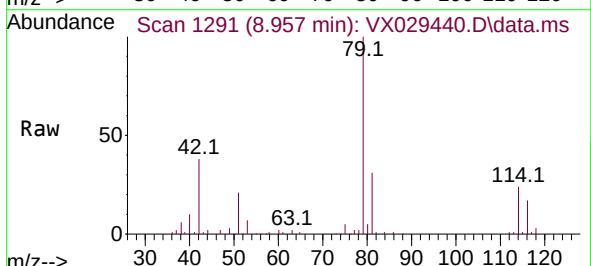
Acq: 14 Jun 2022 02:18

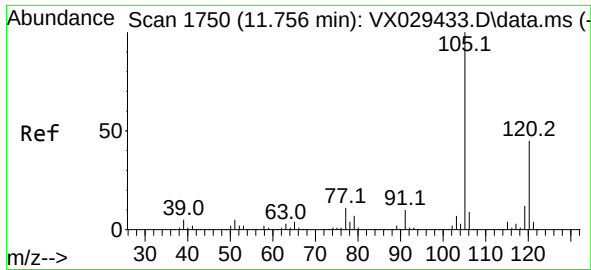
Tgt Ion: 75 Resp: 2904

Ion Ratio Lower Upper

75 100

77 36.9 22.3 41.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.922 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029440.D
 Acq: 14 Jun 2022 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX9DL

Tgt Ion:105 Resp: 9658
 Ion Ratio Lower Upper
 105 100
 120 41.9 36.1 54.1

