

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029447.D
 Acq On : 14 Jun 2022 05:00
 Operator : JC/MD
 Sample : N3249-16DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX4DL

Quant Time: Jun 14 06:46:19 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)

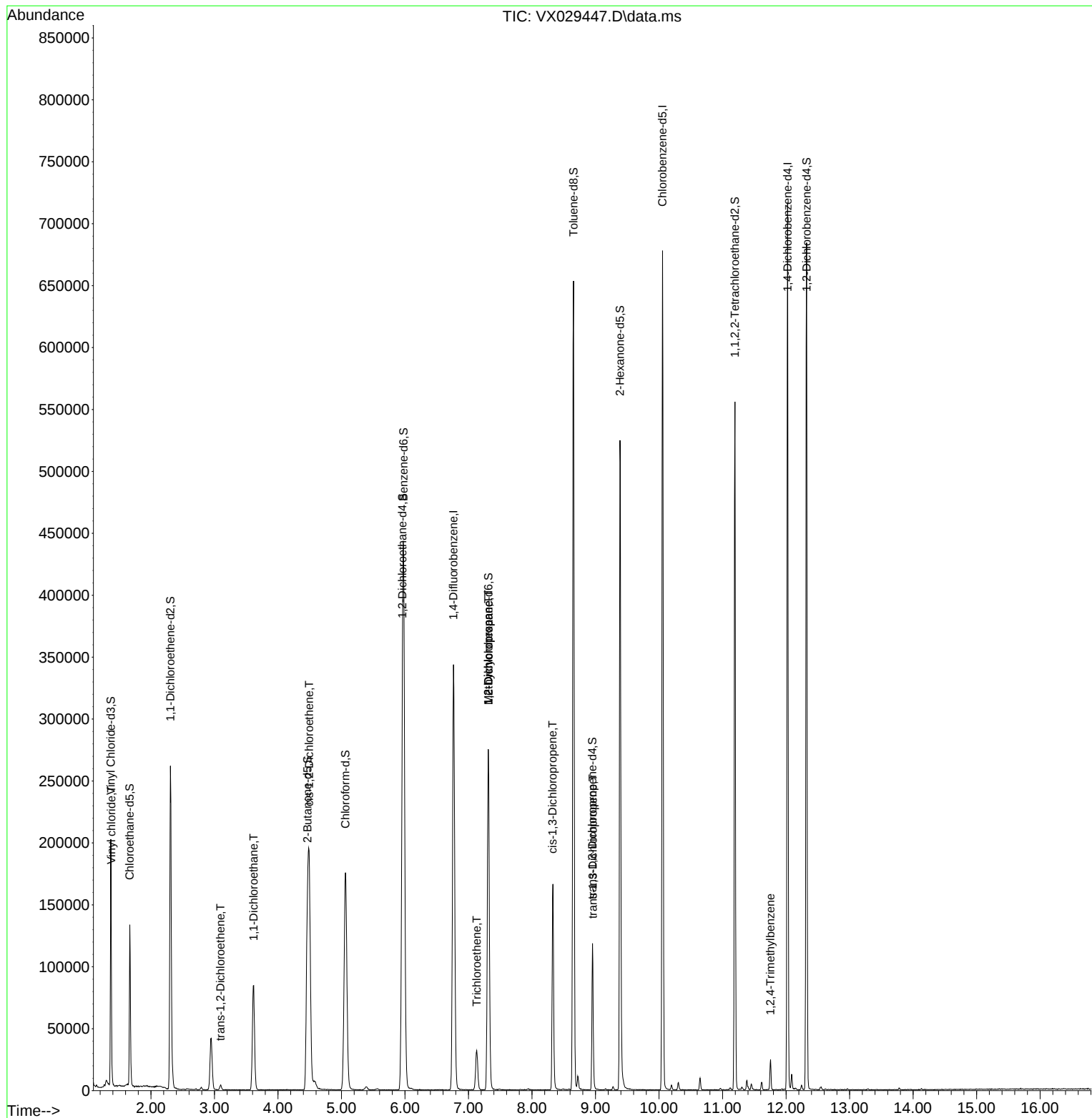
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	357173	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	312370	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106077	38.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.720%
7) Chloroethane-d5	1.666	69	85884	49.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.940%
11) 1,1-Dichloroethene-d2	2.306	63	145518	29.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.420%#
21) 2-Butanone-d5	4.465	46	216093	103.061	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.060%
24) Chloroform-d	5.062	84	230989	43.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.500%
26) 1,2-Dichloroethane-d4	5.958	65	154243	45.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	5.977	84	453936	46.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
36) 1,2-Dichloropropane-d6	7.312	67	140911	49.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.620%
41) Toluene-d8	8.653	98	386716	42.040	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	8.952	79	56716	40.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.500%
47) 2-Hexanone-d5	9.384	63	162459	105.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	210019	50.119	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	138919	47.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.560%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	24083	7.741	ug/L	85
17) trans-1,2-Dichloroethene	3.093	96	1823	0.703	ug/L	87
19) 1,1-Dichloroethane	3.617	63	96257	21.011	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	97027	33.098	ug/L	98
34) Trichloroethene	7.129	95	11736	3.260	ug/L	95
35) Methylcyclohexane	7.312	83	37101	8.163	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	15540	6.240	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	4132	1.038	ug/L #	80
44) trans-1,3-Dichloropropene	8.958	75	2595	0.695	ug/L #	73
63) 1,2,4-Trimethylbenzene	11.756	105	11202	1.197	ug/L	94

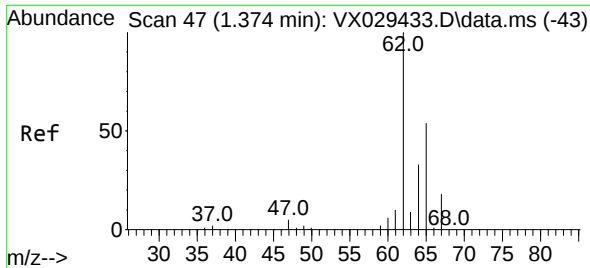
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 14 06:26:43 2022
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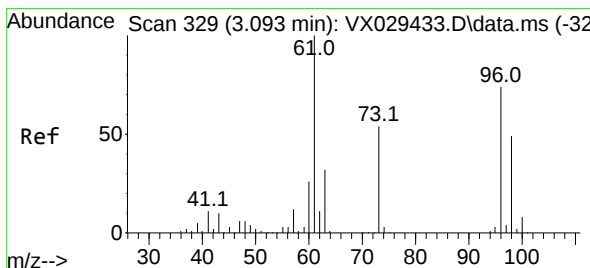
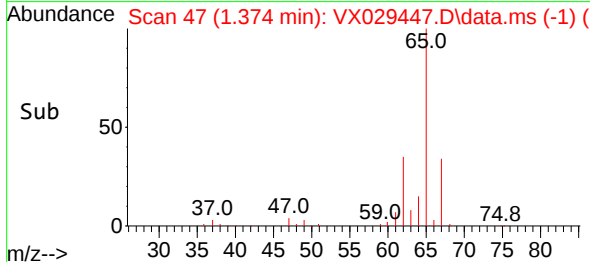
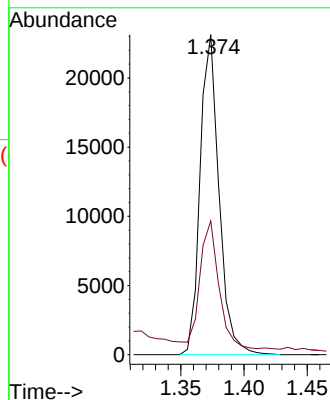
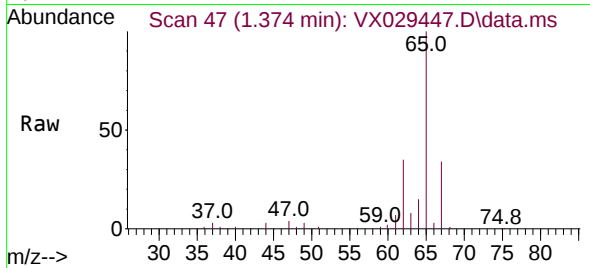




#5
 Vinyl chloride
 Concen: 7.741 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

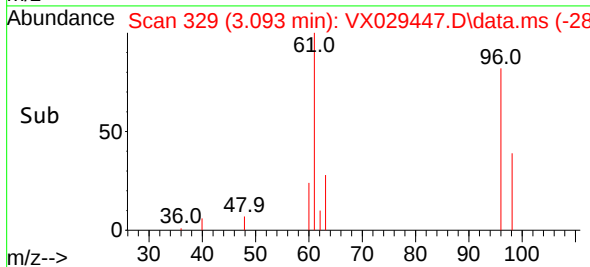
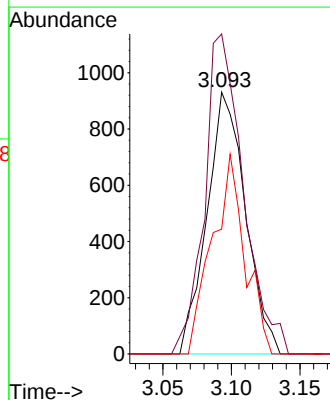
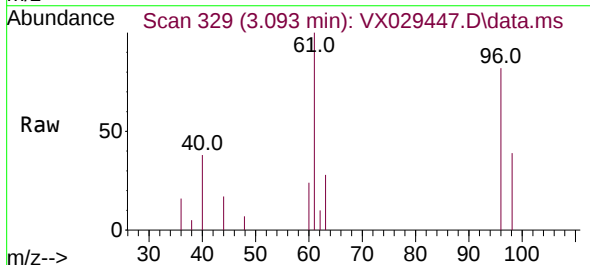
Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX4DL

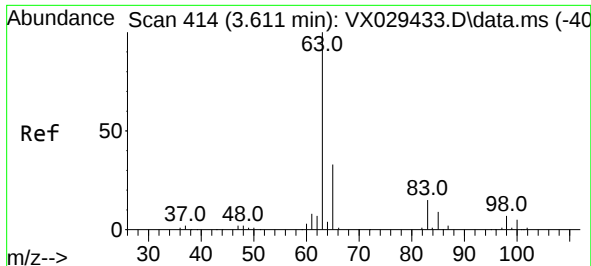
Tgt Ion: 62 Resp: 24083
 Ion Ratio Lower Upper
 62 100
 64 41.8 23.3 43.3



#17
 trans-1,2-Dichloroethene
 Concen: 0.703 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

Tgt Ion: 96 Resp: 1823
 Ion Ratio Lower Upper
 96 100
 61 122.2 93.0 172.6
 98 47.7 44.3 82.3





#19

1,1-Dichloroethane

Concen: 21.011 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX029447.D

Acq: 14 Jun 2022 05:00

Instrument :

MSVOA_X

ClientSampleId :

EXYX4DL

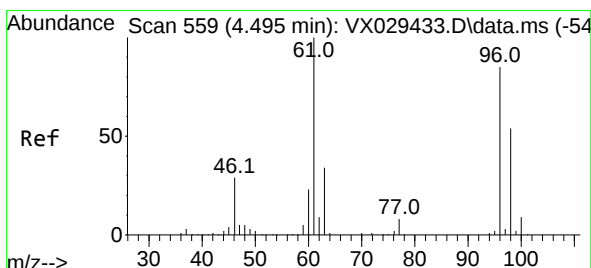
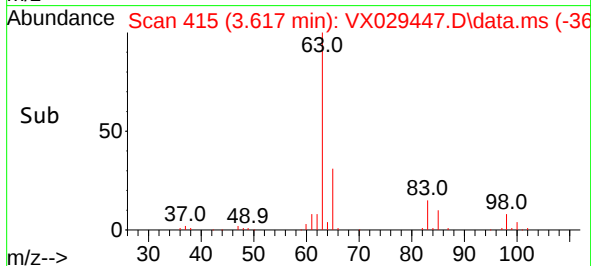
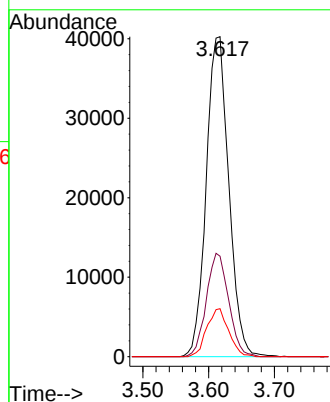
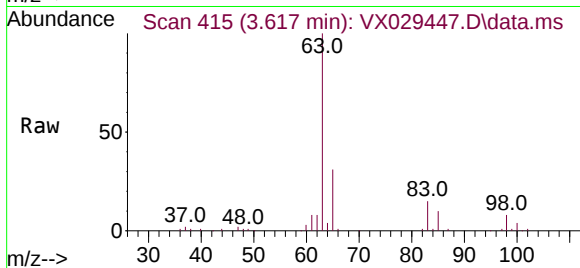
Tgt Ion: 63 Resp: 96257

Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 15.0 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 33.098 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX029447.D

Acq: 14 Jun 2022 05:00

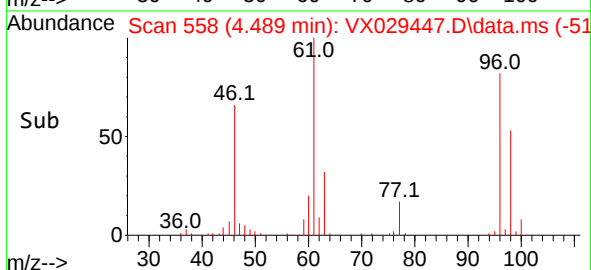
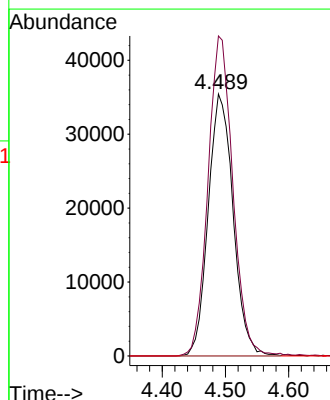
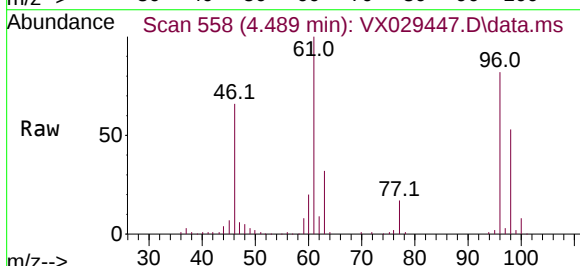
Tgt Ion: 96 Resp: 97027

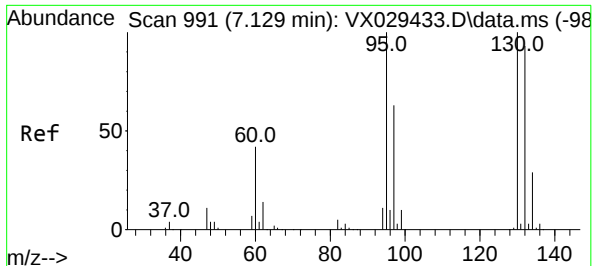
Ion Ratio Lower Upper

96 100

61 122.1 86.7 161.1

68 0.0 0.0 0.0



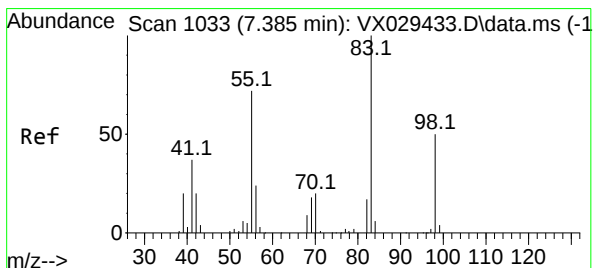
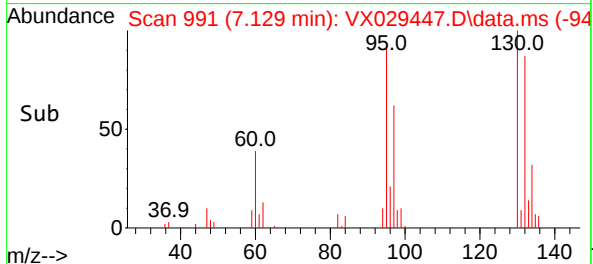
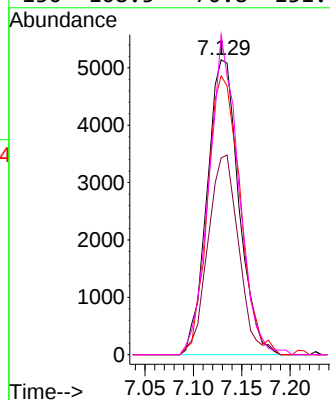
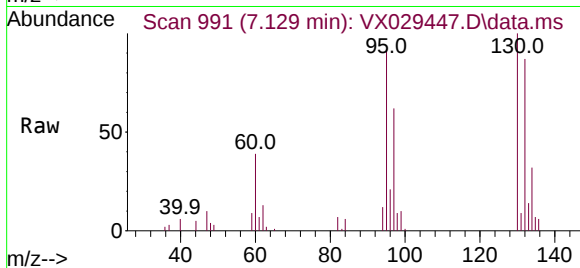


#34
 Trichloroethene
 Concen: 3.260 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX4DL

Tgt Ion: 95 Resp: 11736

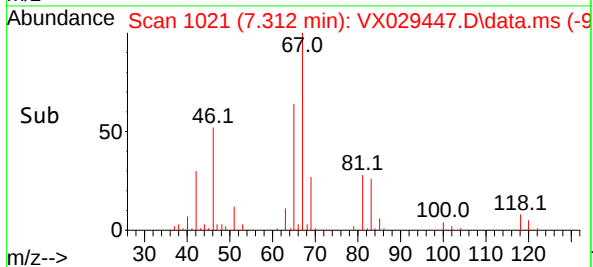
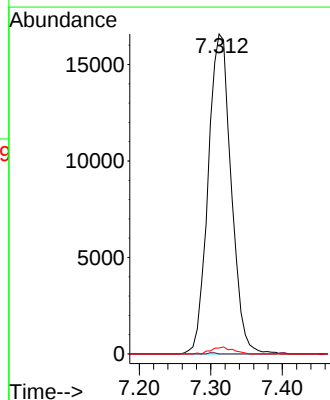
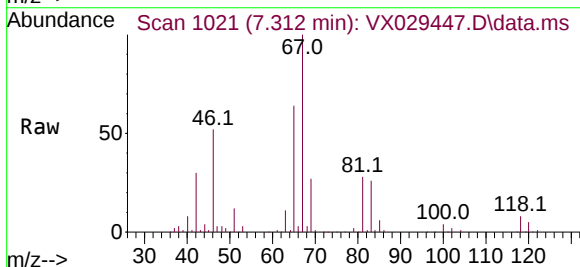
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.5	84.5
132	94.6	69.9	129.7
130	108.5	70.8	131.6

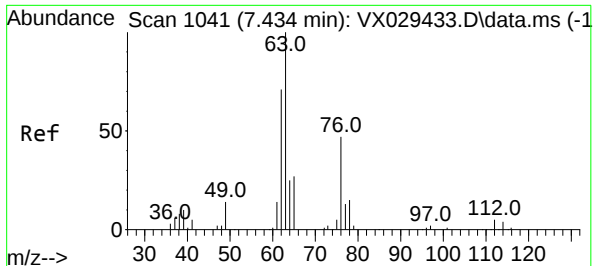


#35
 Methylcyclohexane
 Concen: 8.163 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.073 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

Tgt Ion: 83 Resp: 37101

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.6	90.8#
98	2.0	39.8	59.8#





#37

1,2-Dichloropropane

Concen: 6.240 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX029447.D

Acq: 14 Jun 2022 05:00

Instrument :

MSVOA_X

ClientSampleId :

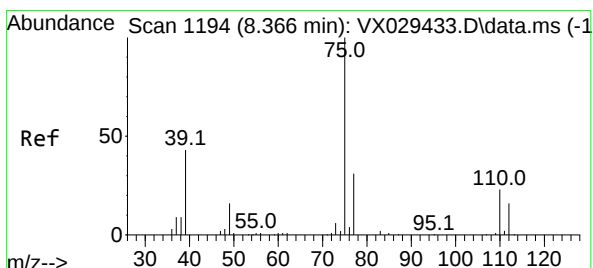
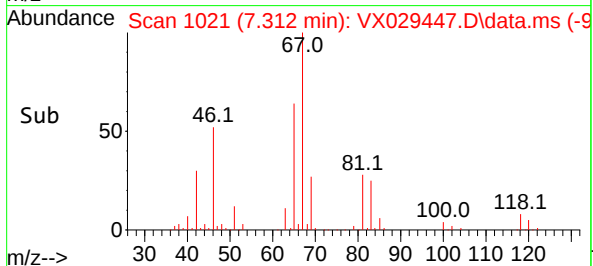
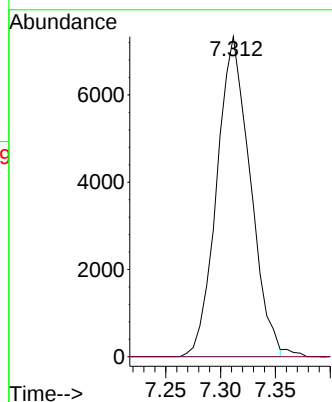
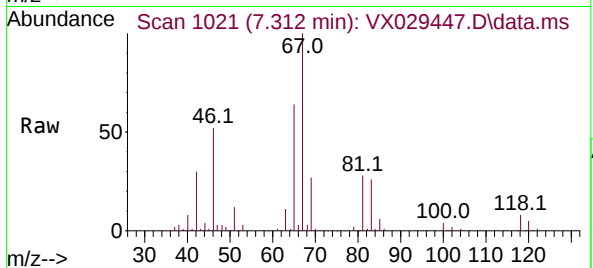
EXYX4DL

Tgt Ion: 63 Resp: 15540

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 1.038 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX029447.D

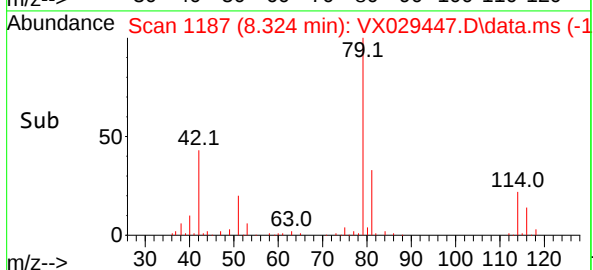
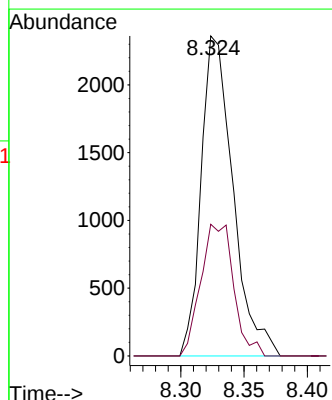
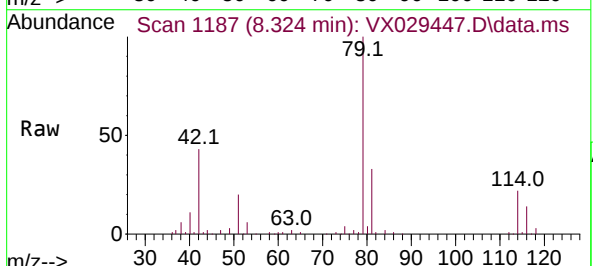
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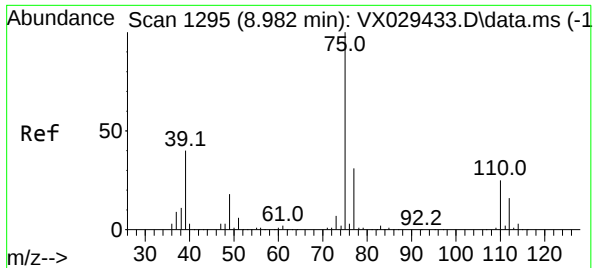
Tgt Ion: 75 Resp: 4132

Ion Ratio Lower Upper

75 100

77 41.1 21.1 39.1#

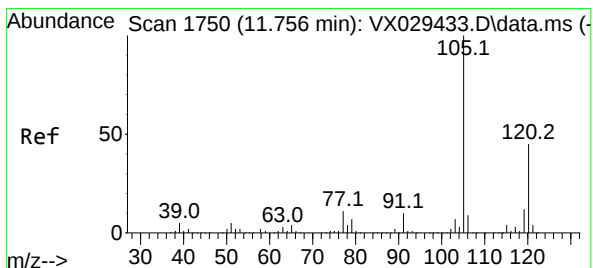
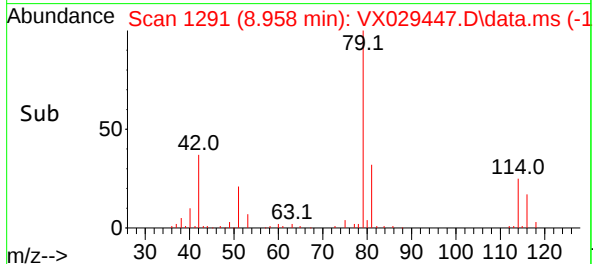
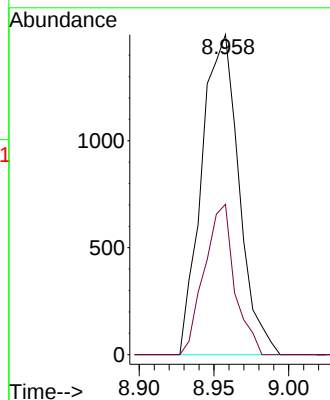
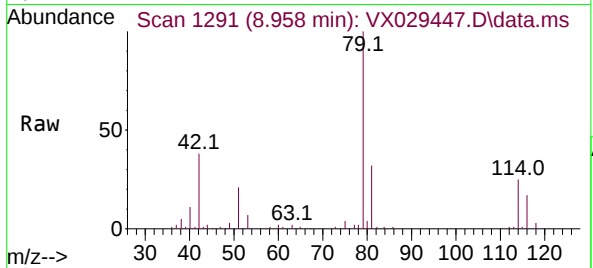




#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX029447.D
Acq: 14 Jun 2022 05:00

Instrument :
MSVOA_X
ClientSampleId :
EXYX4DL

Tgt Ion: 75 Resp: 2595
Ion Ratio Lower Upper
75 100
77 47.0 22.3 41.3#



#63
1,2,4-Trimethylbenzene
Concen: 1.197 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029447.D
Acq: 14 Jun 2022 05:00

Tgt Ion: 105 Resp: 11202
Ion Ratio Lower Upper
105 100
120 41.4 36.1 54.1

