

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030443.D
 Acq On : 05 Aug 2022 21:15
 Operator : JC/MD
 Sample : N4066-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:22:15 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)

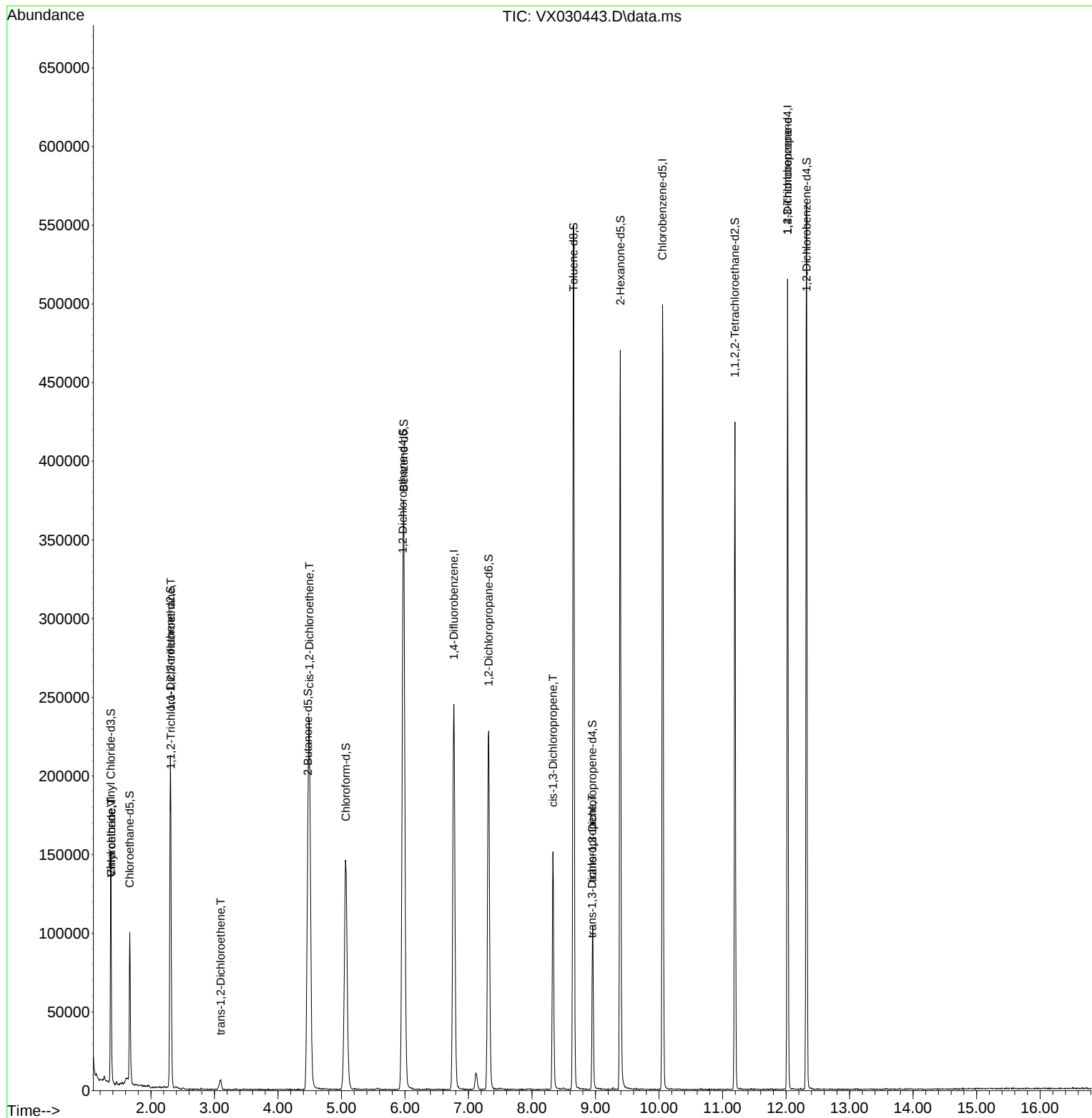
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	238301	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	212268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78831	51.512	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.020%
7) Chloroethane-d5	1.666	69	62509	57.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.880%
11) 1,1-Dichloroethene-d2	2.306	63	117558	40.611	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
21) 2-Butanone-d5	4.471	46	188407	132.875	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.880%#
24) Chloroform-d	5.068	84	177388	56.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.620%
26) 1,2-Dichloroethane-d4	5.964	65	129084	60.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.700%
32) Benzene-d6	5.983	84	346076	56.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.840%
36) 1,2-Dichloropropane-d6	7.318	67	116764	59.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.380%
41) Toluene-d8	8.653	98	305697	53.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.680%
43) trans-1,3-Dichloroprop...	8.952	79	48266	49.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.360%
47) 2-Hexanone-d5	9.391	63	128724	128.015	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.010%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	158585	61.194	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.380%#
66) 1,2-Dichlorobenzene-d4	12.323	152	105018	56.511	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.020%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	16023	9.729	ug/L	93
8) Chloroethane	1.374	64	6180	6.588	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1257	0.868	ug/L #	24
17) trans-1,2-Dichloroethene	3.099	96	2123	1.374	ug/L	85
20) cis-1,2-Dichloroethene	4.495	96	110639	63.650	ug/L	100
39) cis-1,3-Dichloropropene	8.330	75	3433	1.272	ug/L #	60
44) trans-1,3-Dichloropropene	8.946	75	2306	0.873	ug/L	96
61) 1,2,3-Trichloropropane	12.024	75	12521	6.085	ug/L #	67

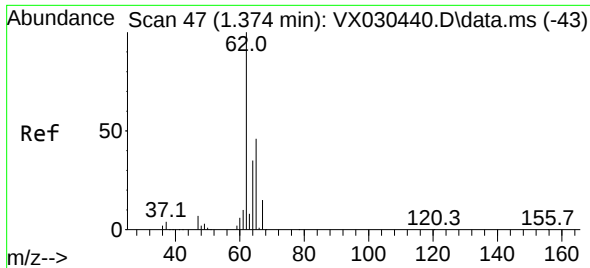
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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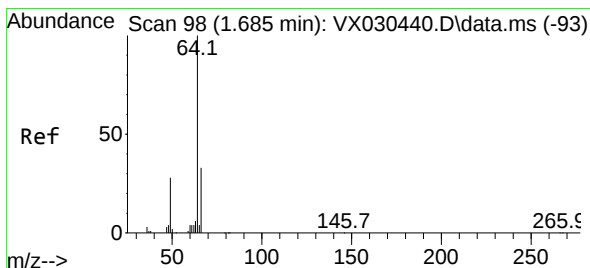
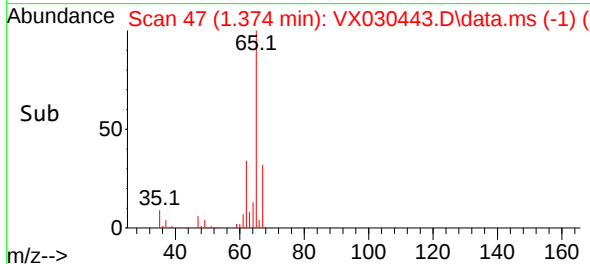
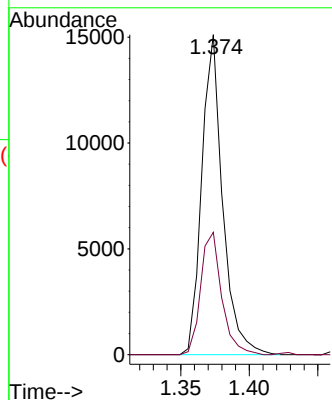
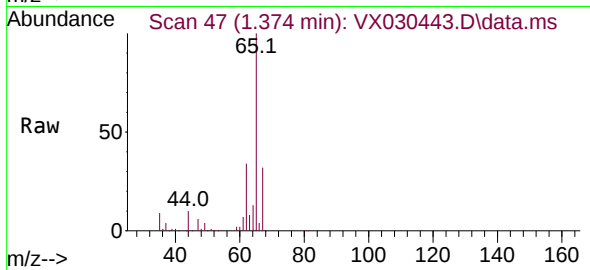




#5
 Vinyl chloride
 Concen: 9.729 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX030443.D
 Acq: 05 Aug 2022 21:15

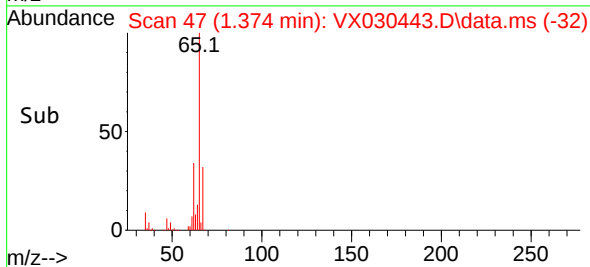
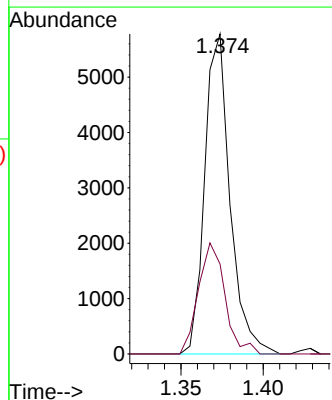
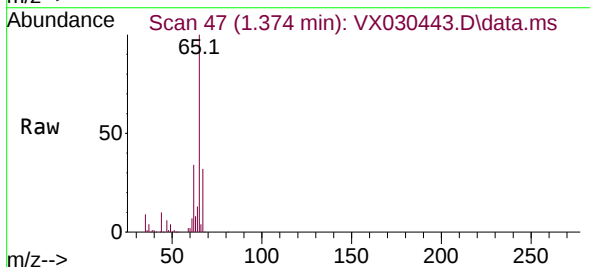
Instrument :
 MSVOA_X
 ClientSampleId :

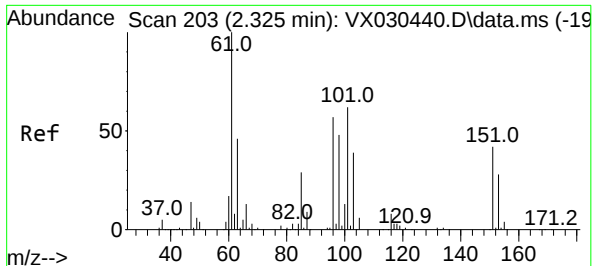
Tgt Ion: 62 Resp: 16023
 Ion Ratio Lower Upper
 62 100
 64 38.2 23.8 44.2



#8
 Chloroethane
 Concen: 6.588 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.311 min
 Lab File: VX030443.D
 Acq: 05 Aug 2022 21:15

Tgt Ion: 64 Resp: 6180
 Ion Ratio Lower Upper
 64 100
 66 28.1 22.1 41.1

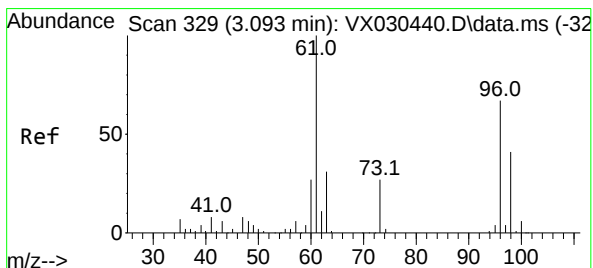
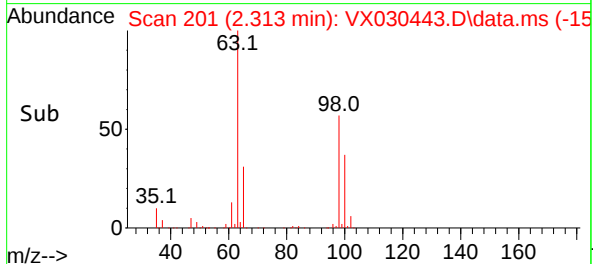
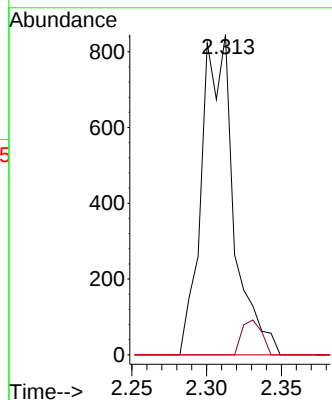
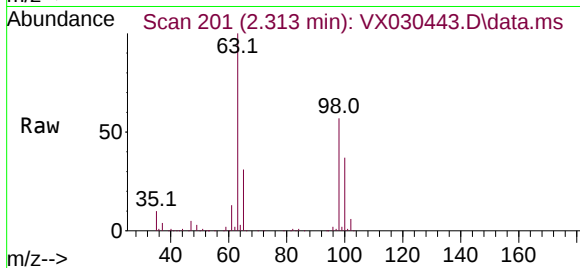




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.868 ug/L
RT: 2.313 min Scan# 203
Delta R.T. -0.012 min
Lab File: VX030443.D
Acq: 05 Aug 2022 21:15

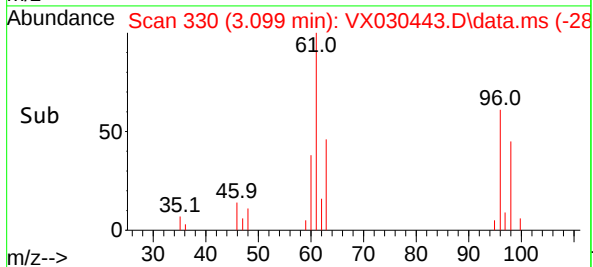
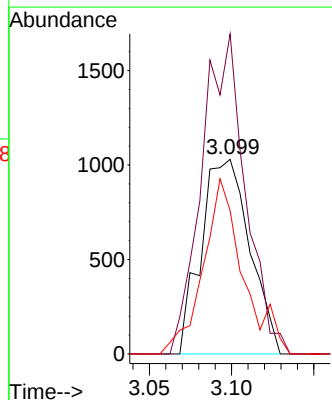
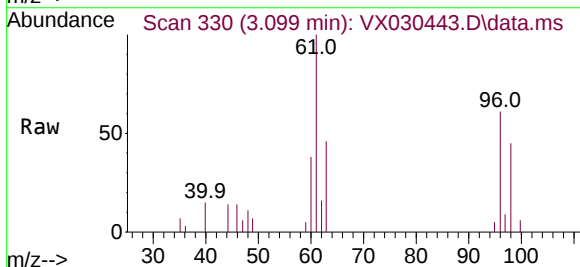
Instrument :
MSVOA_X
ClientSampleId :

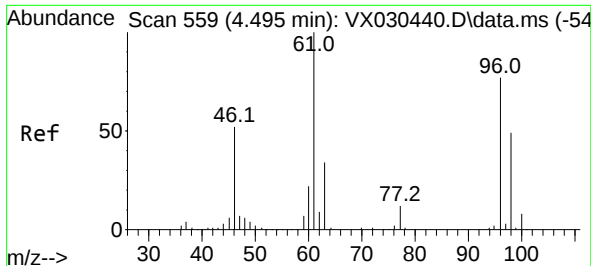
Tgt Ion:101 Resp: 1257
Ion Ratio Lower Upper
101 100
85 6.7 35.3 52.9#
151 0.0 58.3 87.5#



#17
trans-1,2-Dichloroethene
Concen: 1.374 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX030443.D
Acq: 05 Aug 2022 21:15

Tgt Ion: 96 Resp: 2123
Ion Ratio Lower Upper
96 100
61 164.5 103.7 192.5
98 73.7 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 63.650 ug/L

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX030443.D

Acq: 05 Aug 2022 21:15

Instrument :

MSVOA_X

ClientSampleId :

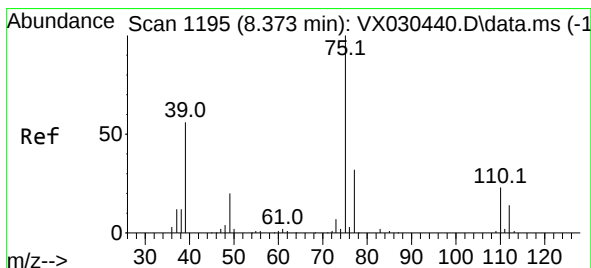
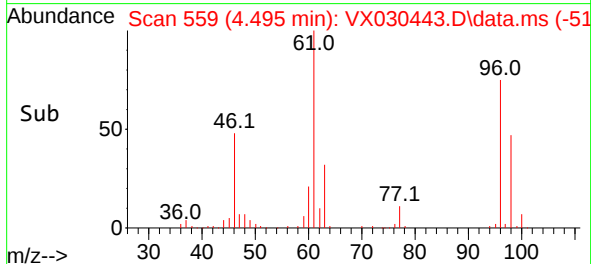
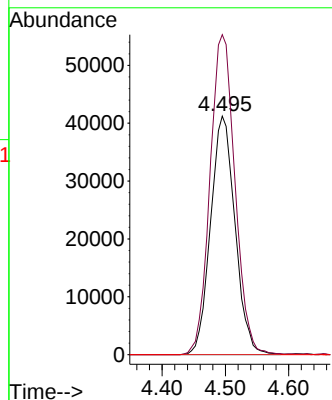
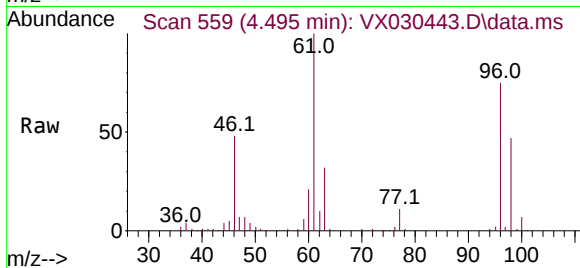
Tgt Ion: 96 Resp: 110639

Ion Ratio Lower Upper

96 100

61 134.2 94.0 174.6

68 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 1.272 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.043 min

Lab File: VX030443.D

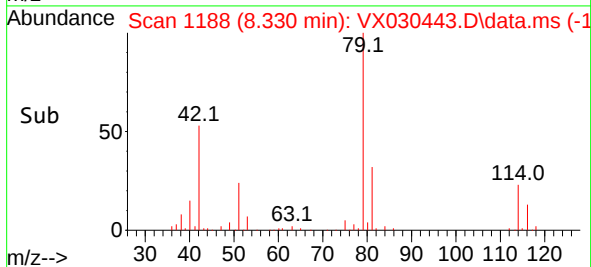
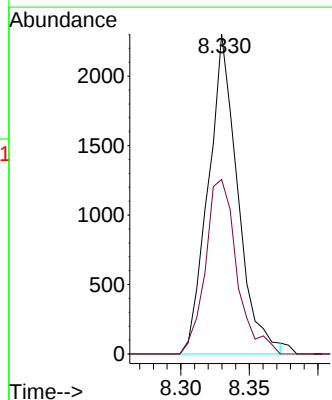
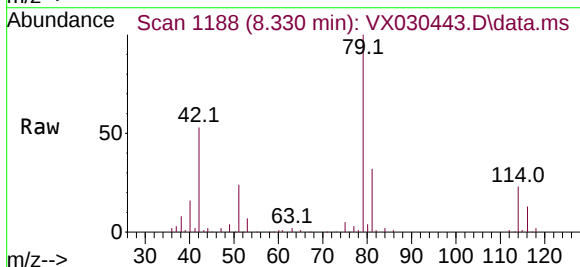
Acq: 05 Aug 2022 21:15

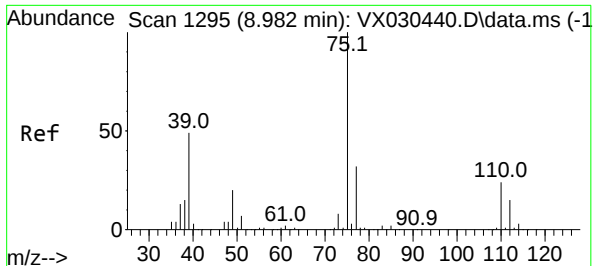
Tgt Ion: 75 Resp: 3433

Ion Ratio Lower Upper

75 100

77 54.5 22.4 41.6#

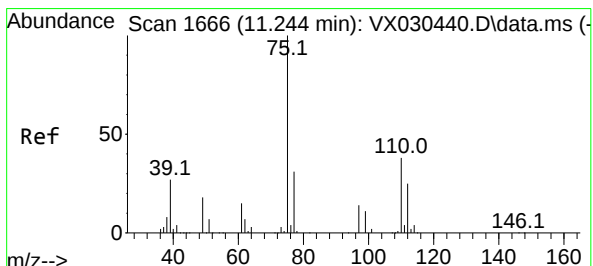
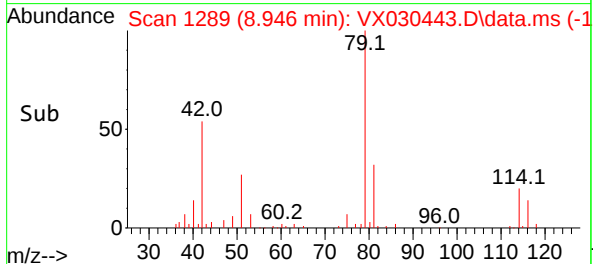
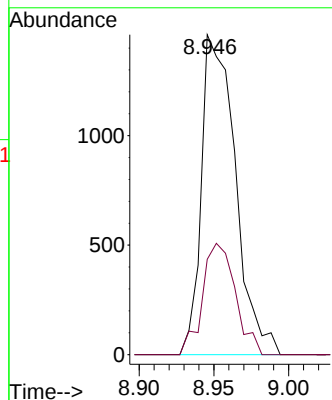
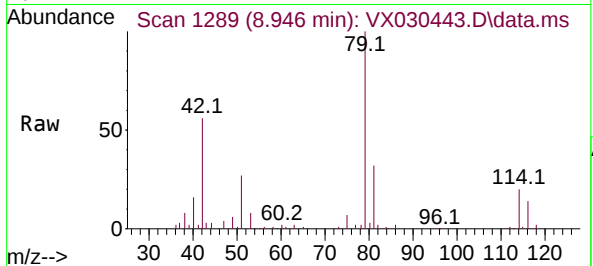




#44
trans-1,3-Dichloropropene
Concen: 0.873 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX030443.D
Acq: 05 Aug 2022 21:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2306
Ion Ratio Lower Upper
75 100
77 29.8 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.085 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030443.D
Acq: 05 Aug 2022 21:15

Tgt Ion: 75 Resp: 12521
Ion Ratio Lower Upper
75 100
77 35.0 26.1 39.1
110 3.5 30.5 45.7#

