

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025967.D
 Acq On : 21 Dec 2021 19:15
 Operator : JC/MD
 Sample : M5126-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:41:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

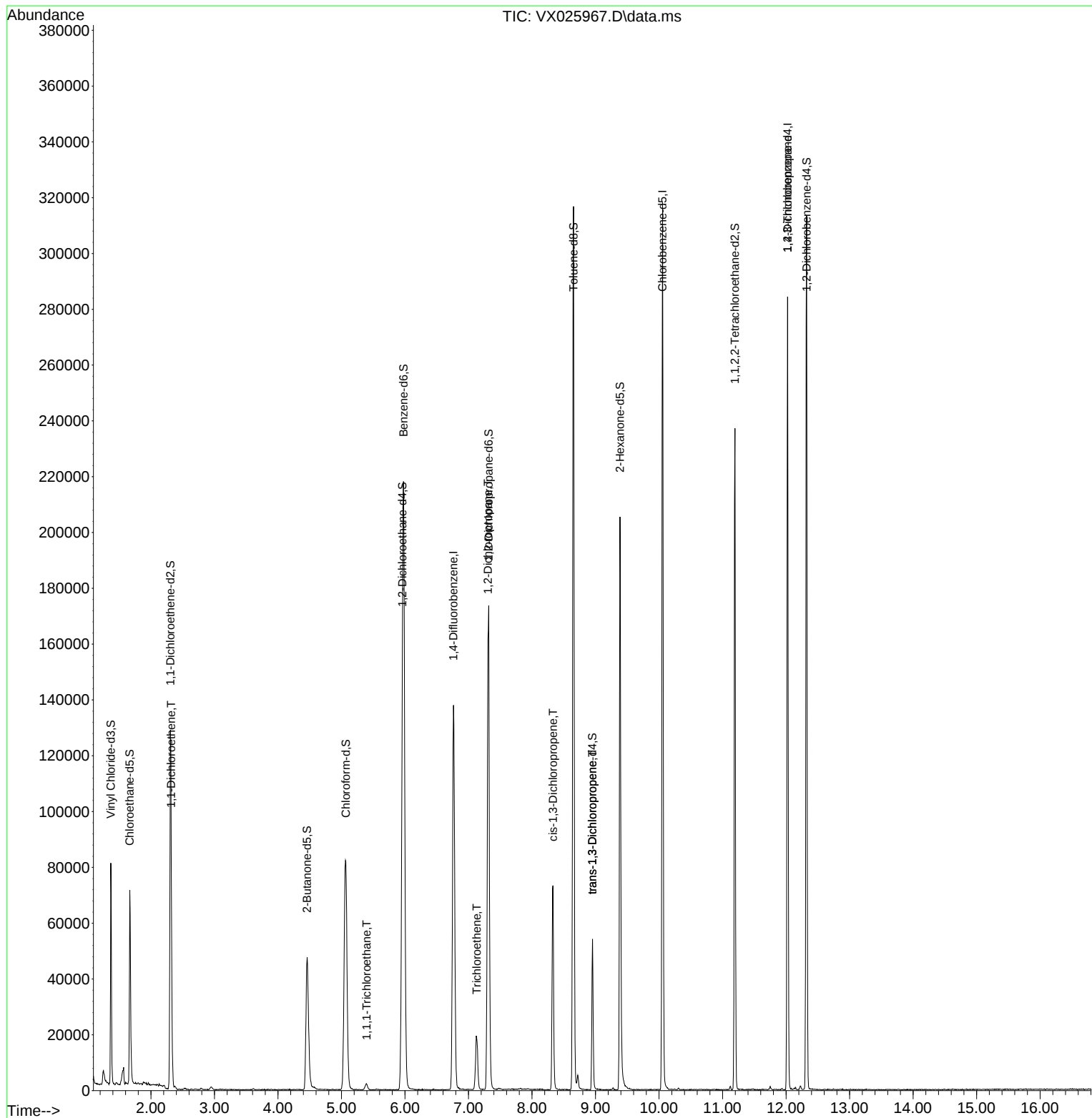
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	135705	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	134069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48841	44.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.280%
7) Chloroethane-d5	1.666	69	45952	50.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.307	63	72724	38.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.540%
21) 2-Butanone-d5	4.459	46	82601	104.656	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.660%
24) Chloroform-d	5.068	84	104720	49.932	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.860%
26) 1,2-Dichloroethane-d4	5.958	65	72054	52.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.360%
32) Benzene-d6	5.977	84	205739	50.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.300%
36) 1,2-Dichloropropane-d6	7.318	67	85421	69.047	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	138.100%#
41) Toluene-d8	8.653	98	183986	47.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
43) trans-1,3-Dichloroprop...	8.952	79	22950	42.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.020%
47) 2-Hexanone-d5	9.385	63	55031	98.954	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.950%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88094	50.264	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	12.323	152	59131	51.777	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2735	3.219	ug/L #	1
30) 1,1,1-Trichloroethane	5.397	97	1846	1.122	ug/L #	78
34) Trichloroethene	7.129	95	6642	6.053	ug/L	97
37) 1,2-Dichloropropane	7.306	63	9536	9.119	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1926	1.245	ug/L	85
44) trans-1,3-Dichloropropene	8.952	75	1192	0.820	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	7288	6.676	ug/L #	63

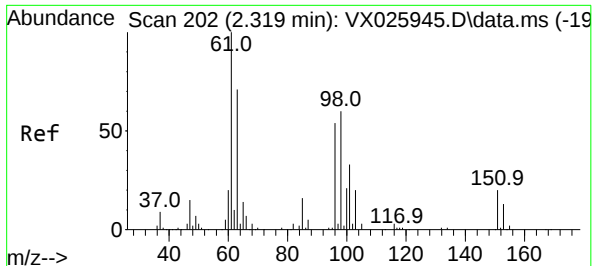
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 05:41:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
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#12

1,1-Dichloroethene

Concen: 3.219 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025967.D

Acq: 21 Dec 2021 19:15

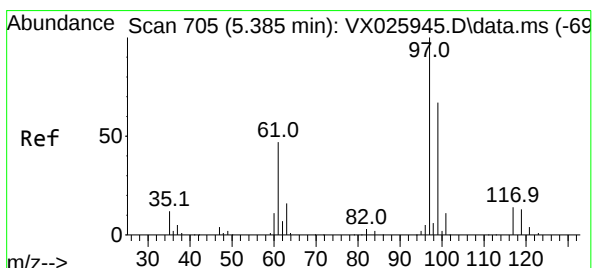
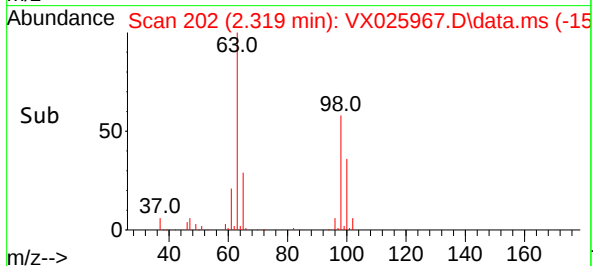
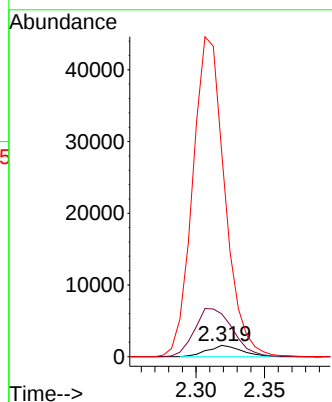
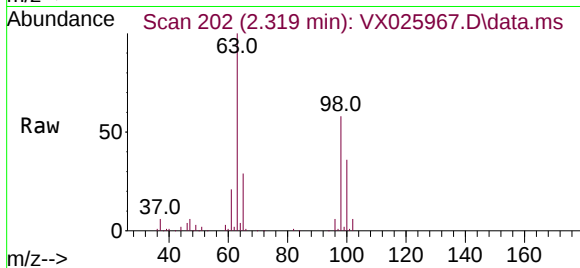
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 2735

Ion	Ratio	Lower	Upper
96	100		
61	378.4	108.7	201.9#
63	1809.6	76.3	141.7#



#30

1,1,1-Trichloroethane

Concen: 1.122 ug/L

RT: 5.397 min Scan# 707

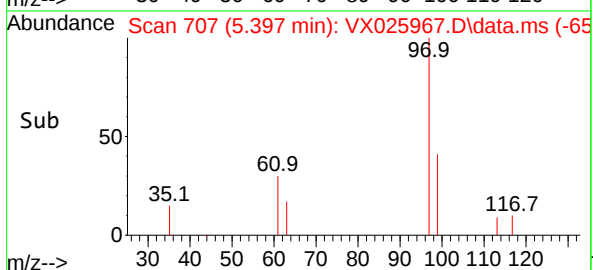
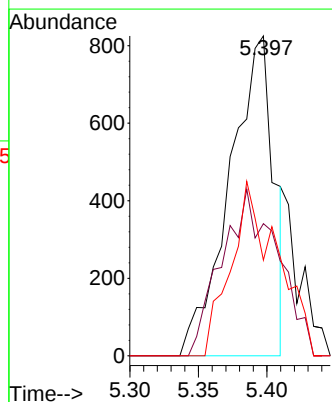
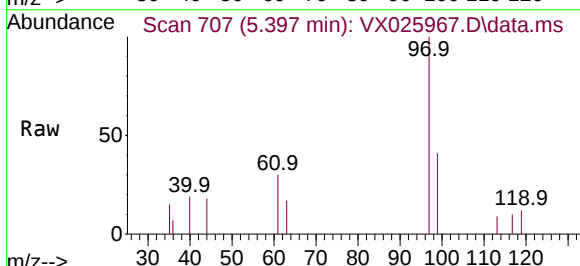
Delta R.T. 0.012 min

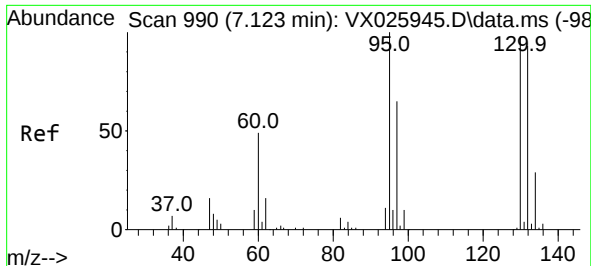
Lab File: VX025967.D

Acq: 21 Dec 2021 19:15

Tgt Ion: 97 Resp: 1846

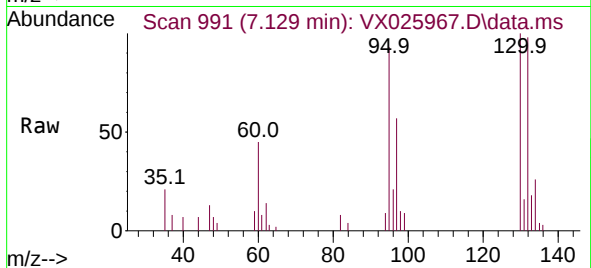
Ion	Ratio	Lower	Upper
97	100		
99	40.0	51.5	77.3#
61	36.7	33.1	49.7





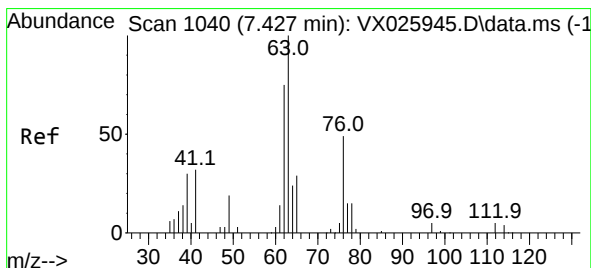
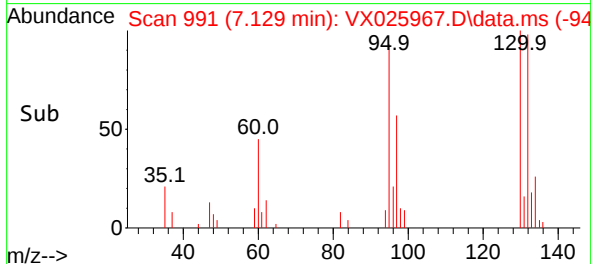
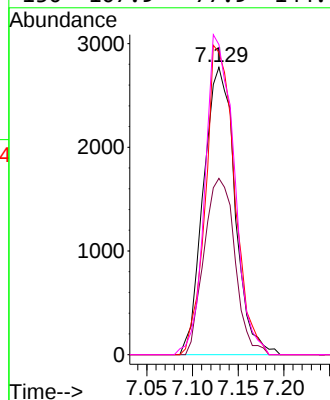
#34
Trichloroethene
Concen: 6.053 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025967.D
Acq: 21 Dec 2021 19:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 6642

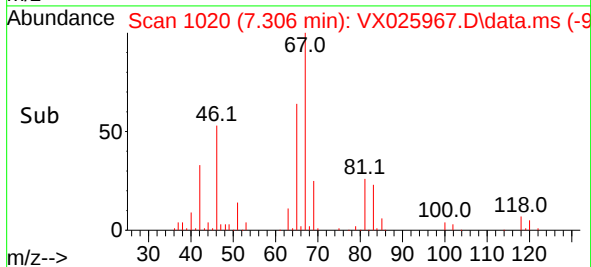
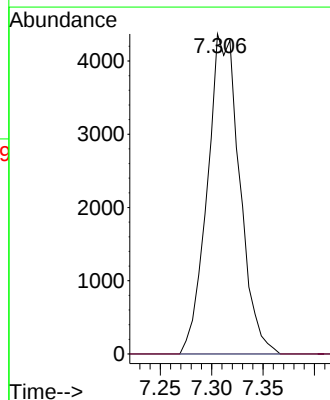
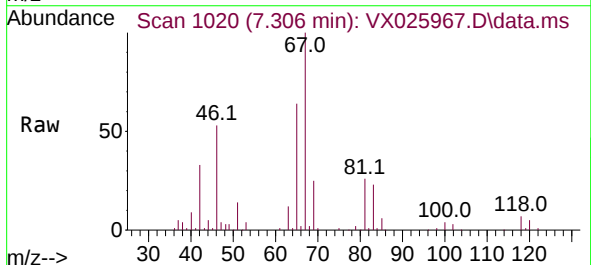
Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.0	85.4
132	105.2	75.0	139.2
130	107.9	77.9	144.7

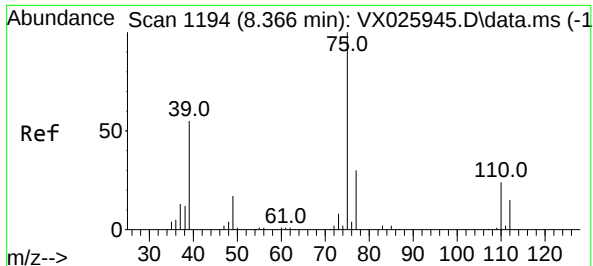


#37
1,2-Dichloropropane
Concen: 9.119 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX025967.D
Acq: 21 Dec 2021 19:15

Tgt Ion: 63 Resp: 9536

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.245 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX025967.D

Acq: 21 Dec 2021 19:15

Instrument :

MSVOA_X

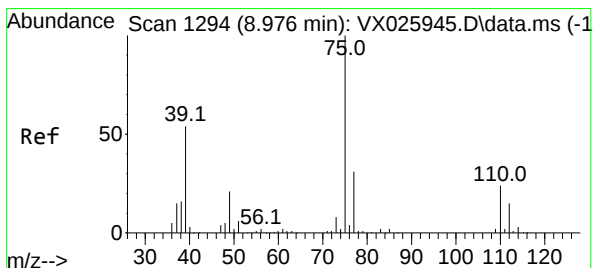
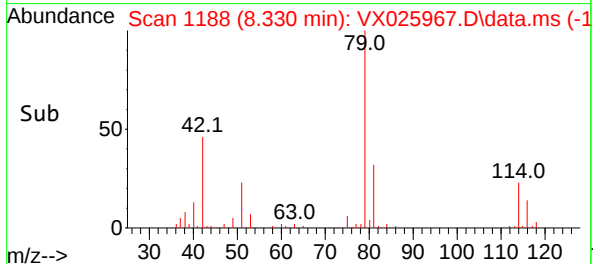
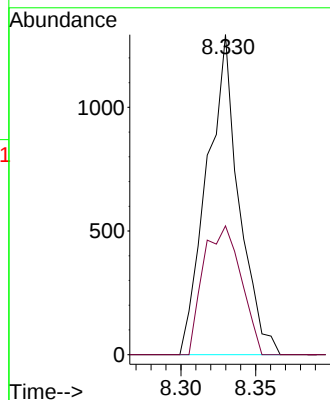
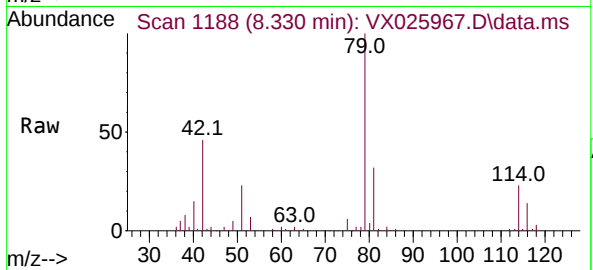
ClientSampleId :

Tgt Ion: 75 Resp: 1926

Ion Ratio Lower Upper

75 100

77 40.3 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025967.D

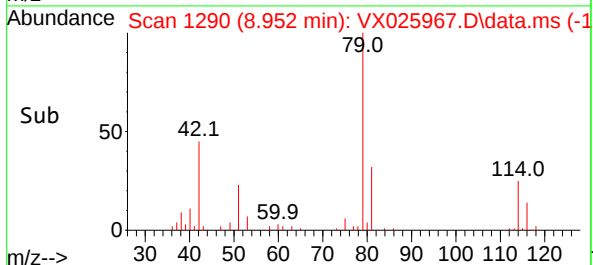
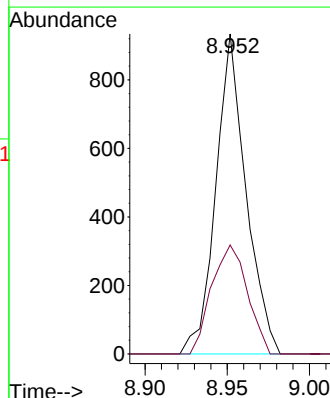
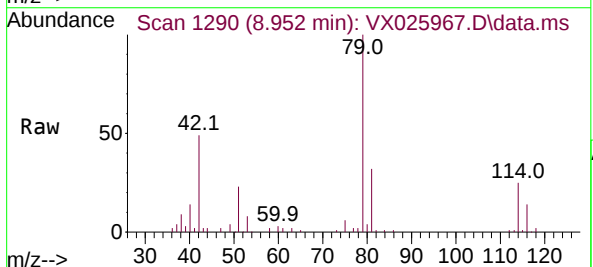
Acq: 21 Dec 2021 19:15

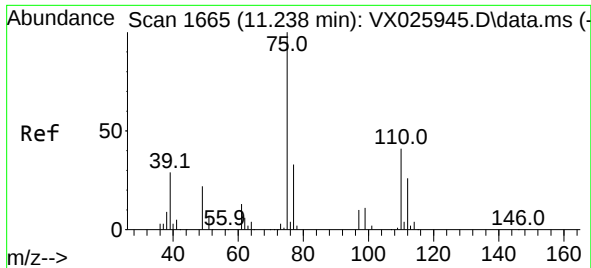
Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

77 34.0 23.0 42.8





#61

1,2,3-Trichloropropane

Concen: 6.676 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.787 min

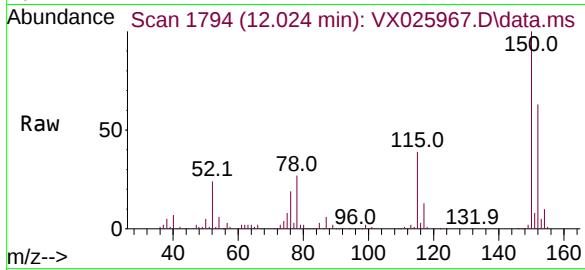
Lab File: VX025967.D

Acq: 21 Dec 2021 19:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 7288

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.8

110 2.9 34.7 52.1#

