

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025725.D
 Acq On : 11 Dec 2021 00:37
 Operator : JC/MD
 Sample : M4981-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:06:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

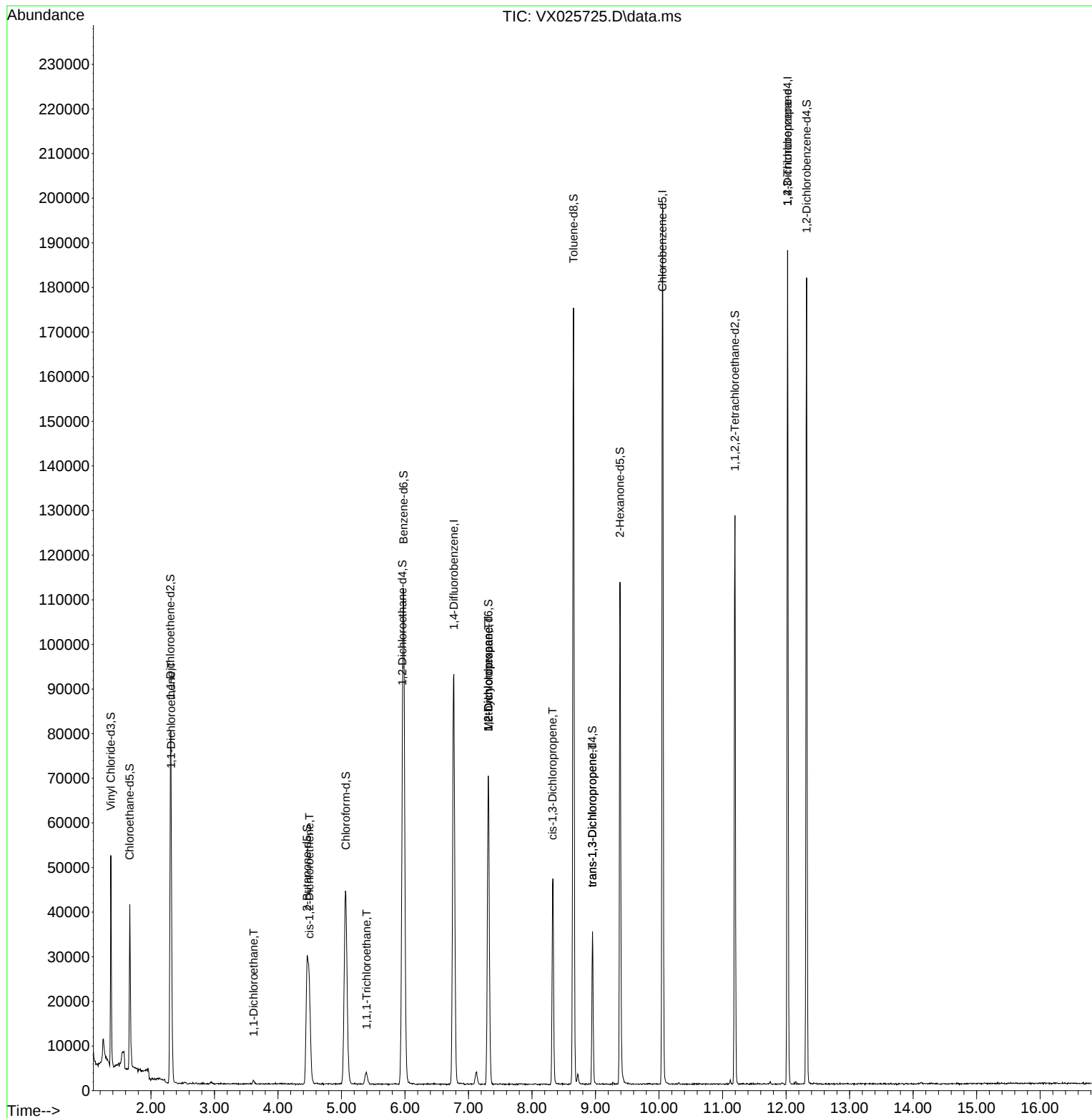
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	95660	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	38876	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26862	41.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.300%		
7) Chloroethane-d5	1.666	69	23302	43.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.500%		
11) 1,1-Dichloroethene-d2	2.306	63	42195	40.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.080%		
21) 2-Butanone-d5	4.458	46	45136	92.878	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.880%		
24) Chloroform-d	5.068	84	54641	47.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
26) 1,2-Dichloroethane-d4	5.958	65	36568	51.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.840%		
32) Benzene-d6	5.976	84	109780	45.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.660%		
36) 1,2-Dichloropropane-d6	7.312	67	33466	45.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	8.653	98	100996	44.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.320%		
43) trans-1,3-Dichloroprop...	8.952	79	15265	40.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.880%		
47) 2-Hexanone-d5	9.384	63	31669	82.025	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.020%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47554	45.365	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.740%		
66) 1,2-Dichlorobenzene-d4	12.323	152	36019	47.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.480%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	5904	11.493	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	1023	1.033	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	10836	16.627	ug/L	95
30) 1,1,1-Trichloroethane	5.397	97	1783	1.787	ug/L #	44
35) Methylcyclohexane	7.312	83	8423	8.426	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3830	6.323	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1162	1.178	ug/L #	72
44) trans-1,3-Dichloropropene	8.952	75	753	0.794	ug/L #	69
61) 1,2,3-Trichloropropane	12.024	75	4593	6.906	ug/L #	61

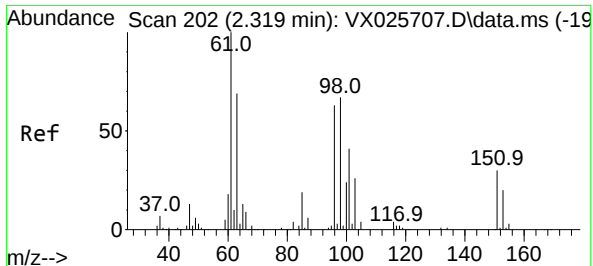
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 11.493 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

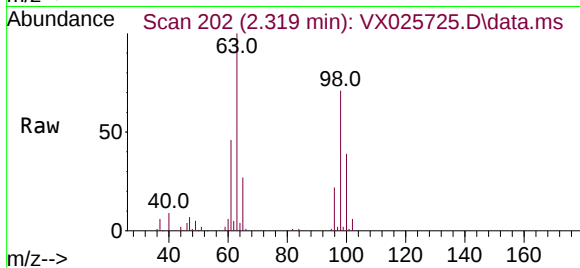
Lab File: VX025725.D

Acq: 11 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :



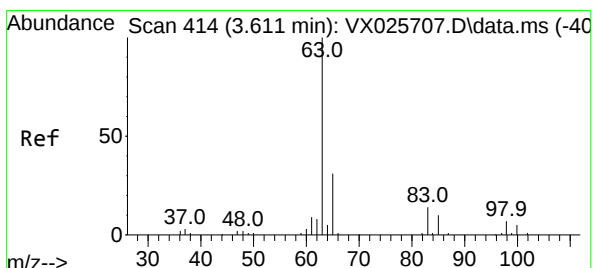
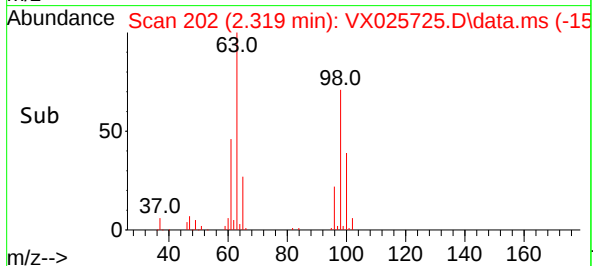
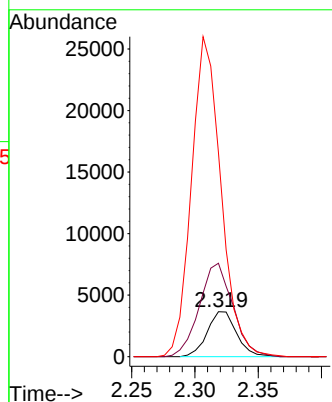
Tgt Ion: 96 Resp: 5904

Ion Ratio Lower Upper

96 100

61 208.0 108.7 201.9#

63 454.5 76.3 141.7#



#19

1,1-Dichloroethane

Concen: 1.033 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX025725.D

Acq: 11 Dec 2021 00:37

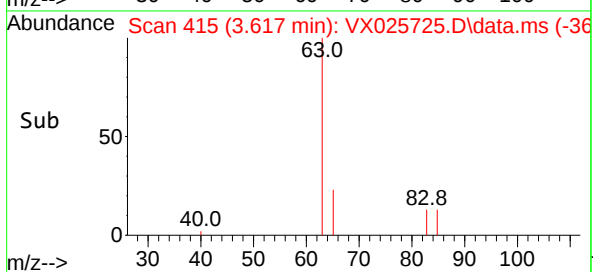
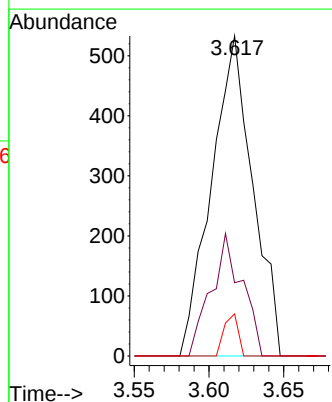
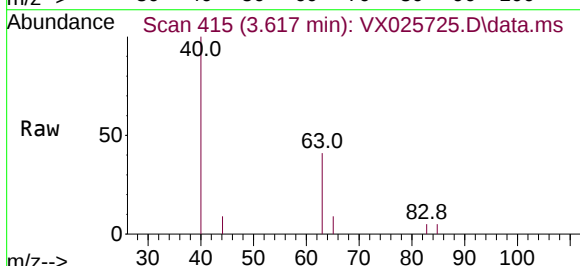
Tgt Ion: 63 Resp: 1023

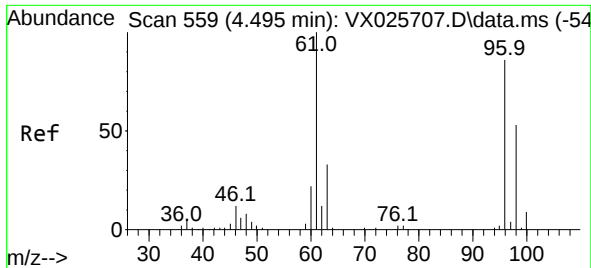
Ion Ratio Lower Upper

63 100

65 22.9 22.2 41.2

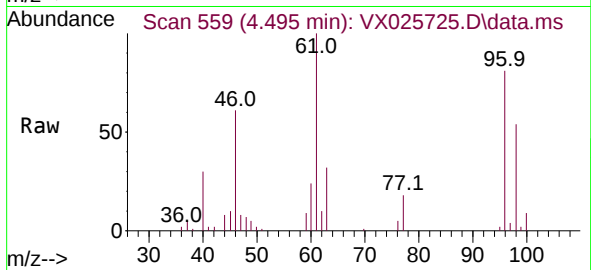
83 13.1 10.2 19.0



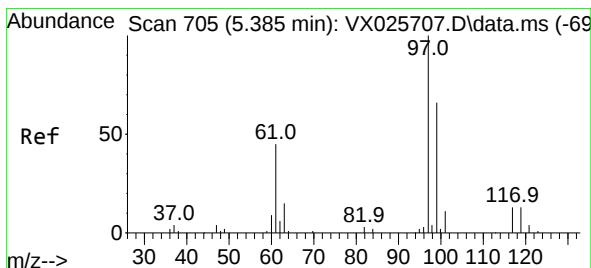
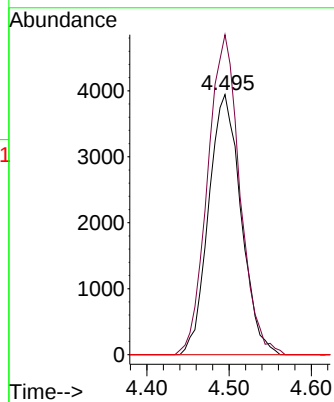
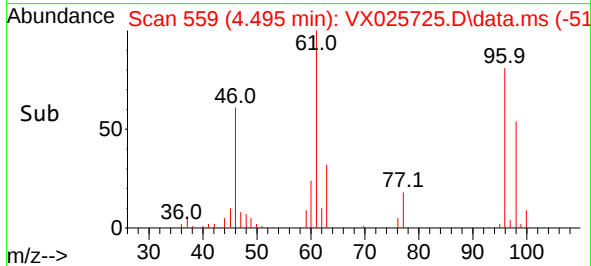


#20
 cis-1,2-Dichloroethene
 Concen: 16.627 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025725.D
 Acq: 11 Dec 2021 00:37

Instrument :
 MSVOA_X
 ClientSampleId :

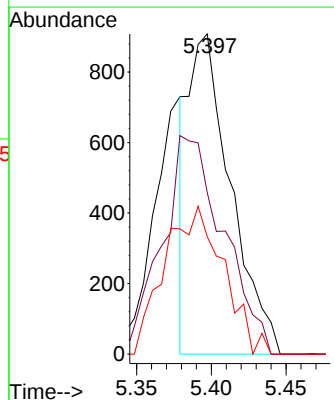
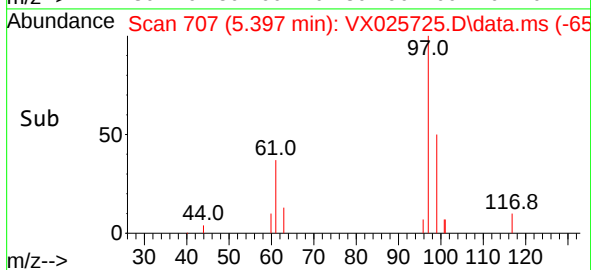
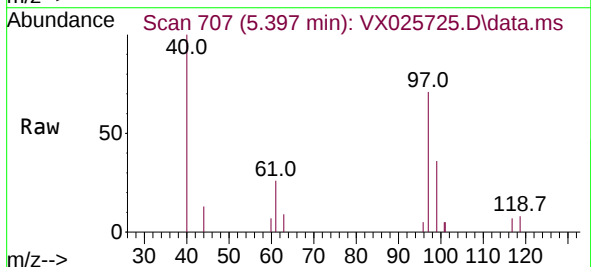


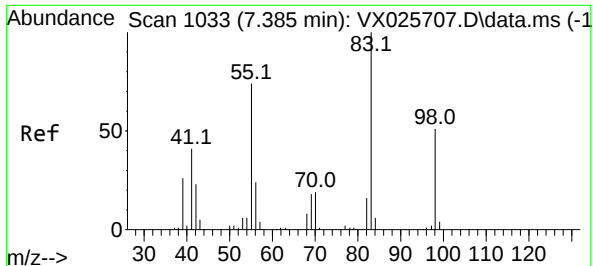
Tgt Ion: 96 Resp: 10836
 Ion Ratio Lower Upper
 96 100
 61 123.0 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.787 ug/L
 RT: 5.397 min Scan# 707
 Delta R.T. 0.012 min
 Lab File: VX025725.D
 Acq: 11 Dec 2021 00:37

Tgt Ion: 97 Resp: 1783
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 31.9 33.1 49.7#





#35

Methylcyclohexane

Concen: 8.426 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025725.D

Acq: 11 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

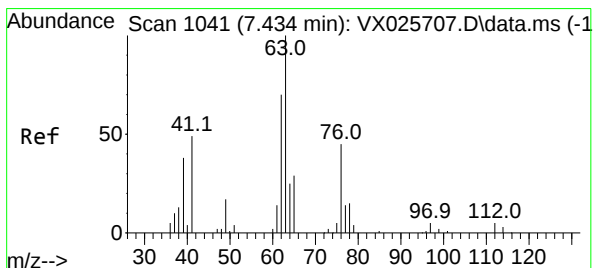
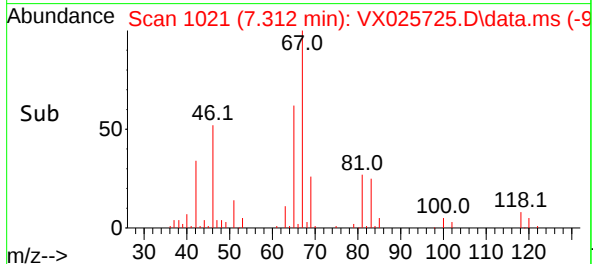
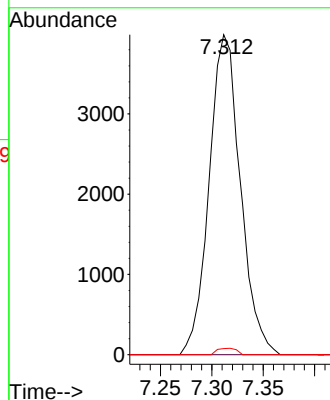
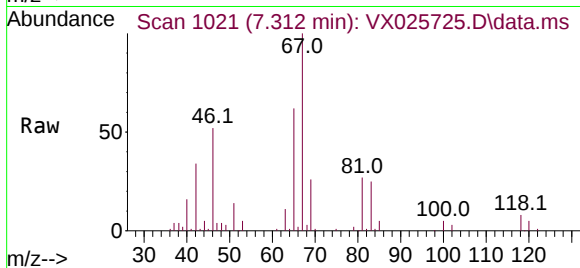
Tgt Ion: 83 Resp: 8423

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.2 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.323 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX025725.D

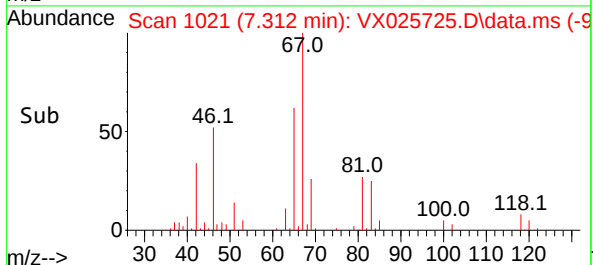
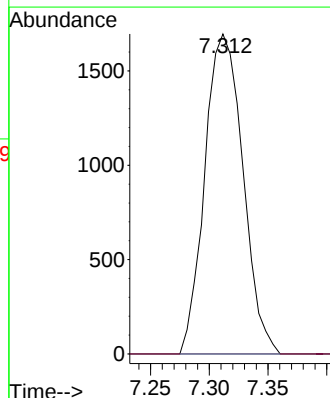
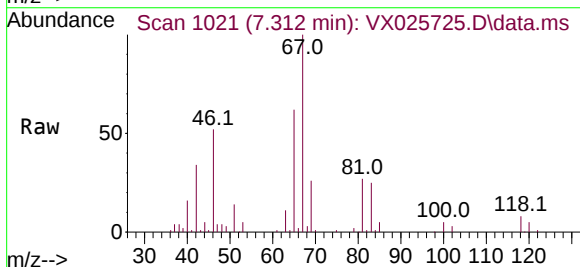
Acq: 11 Dec 2021 00:37

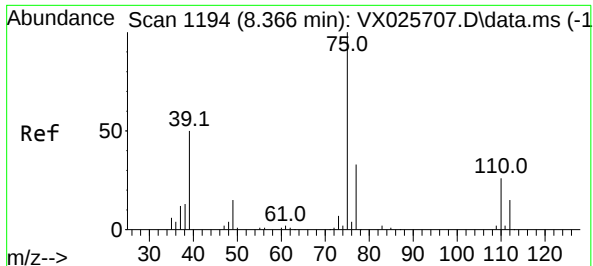
Tgt Ion: 63 Resp: 3830

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.178 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX025725.D

Acq: 11 Dec 2021 00:37

Instrument :

MSVOA_X

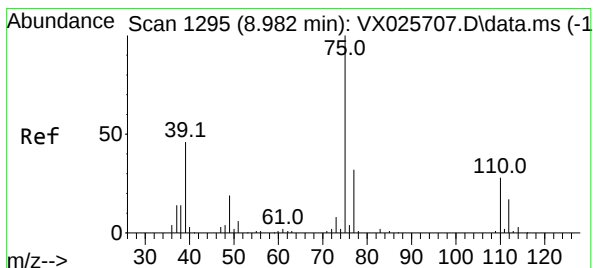
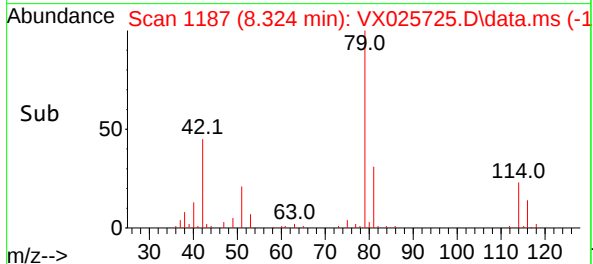
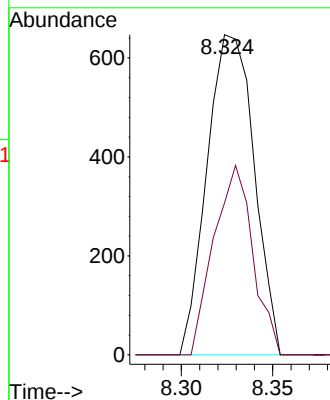
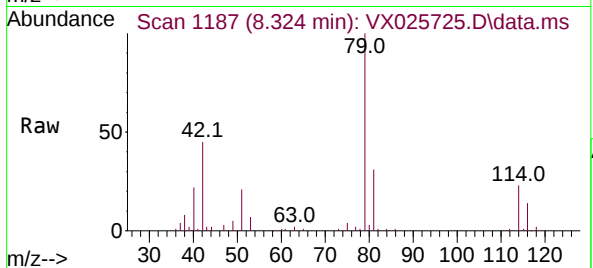
ClientSampleId :

Tgt Ion: 75 Resp: 1162

Ion Ratio Lower Upper

75 100

77 47.4 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025725.D

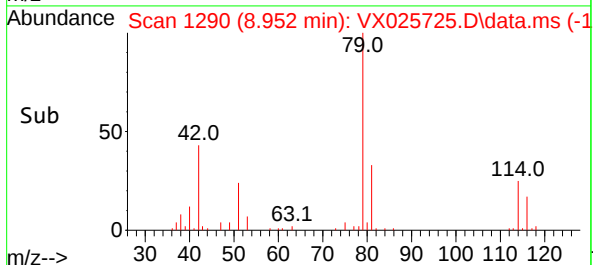
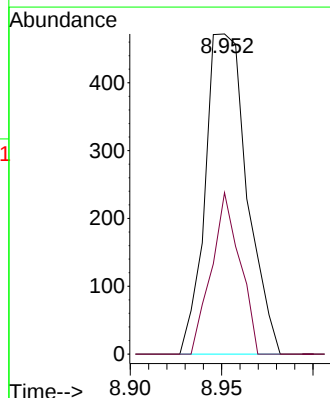
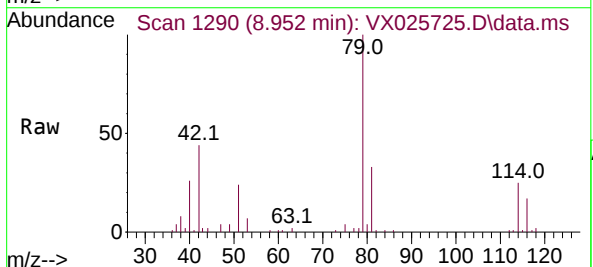
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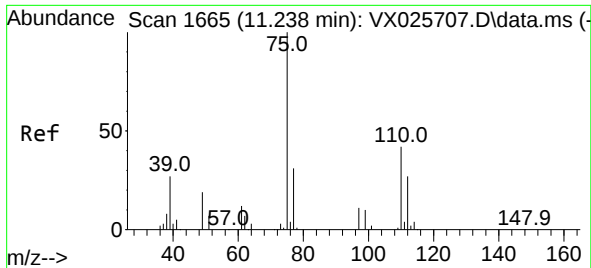
Tgt Ion: 75 Resp: 753

Ion Ratio Lower Upper

75 100

77 50.4 23.0 42.8#





#61
 1,2,3-Trichloropropane
 Concen: 6.906 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025725.D
 Acq: 11 Dec 2021 00:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 4593
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.8 38.8
 110 3.4 34.7 52.1#

