

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025750.D
 Acq On : 11 Dec 2021 17:56
 Operator : JC/MD
 Sample : M5026-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CZ9

Quant Time: Dec 12 06:36:16 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)

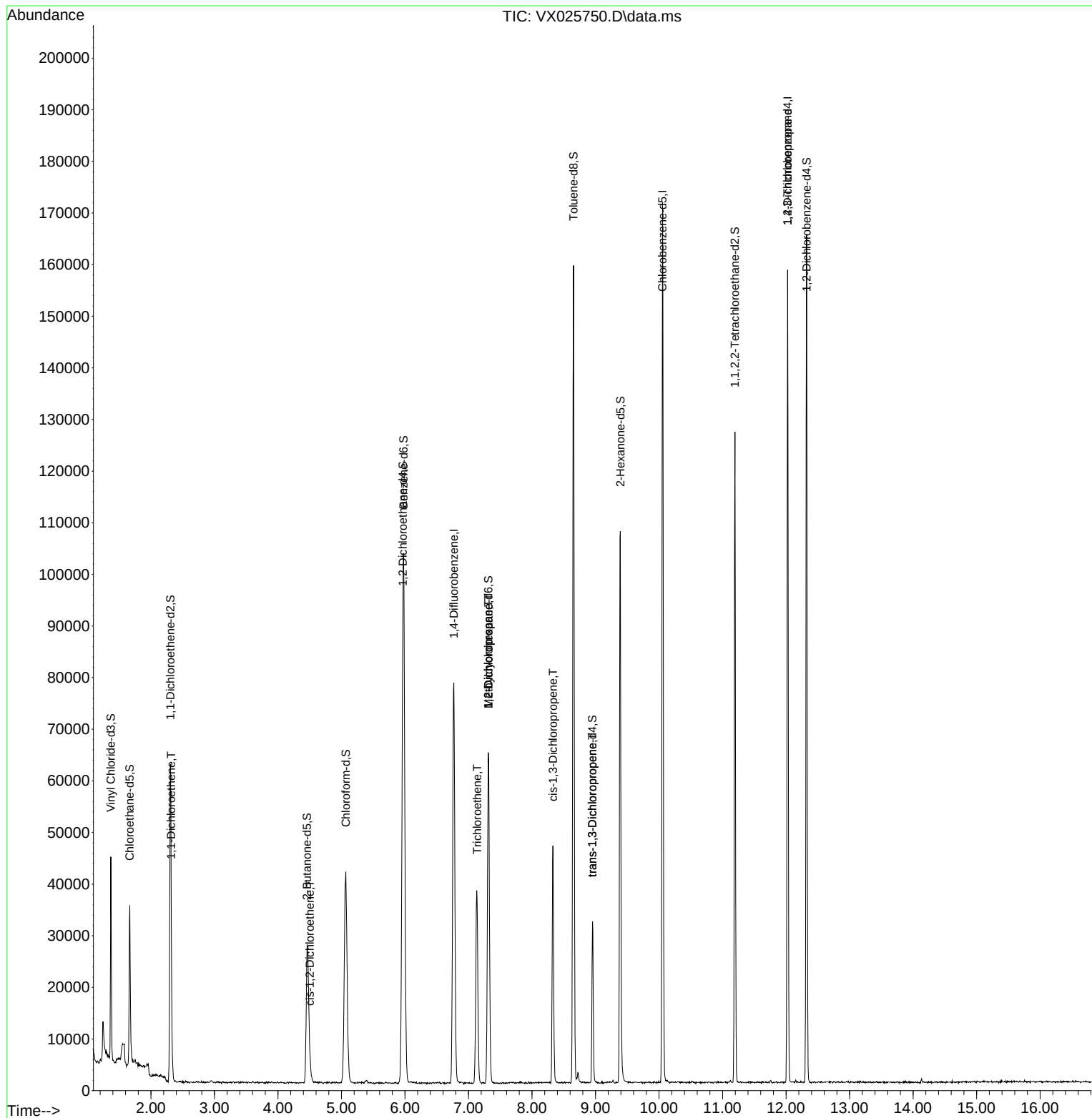
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	80771	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	75642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22409	40.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.300%		
7) Chloroethane-d5	1.666	69	21510	47.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.560%		
11) 1,1-Dichloroethene-d2	2.307	63	34164	38.871	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.740%		
21) 2-Butanone-d5	4.459	46	45940	111.958	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.960%		
24) Chloroform-d	5.068	84	50404	52.320	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.640%		
26) 1,2-Dichloroethane-d4	5.964	65	34895	58.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	116.220%		
32) Benzene-d6	5.977	84	99155	49.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.920%		
36) 1,2-Dichloropropane-d6	7.312	67	31100	50.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.220%		
41) Toluene-d8	8.653	98	90557	47.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.720%		
43) trans-1,3-Dichloroprop...	8.952	79	14578	46.715	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.440%		
47) 2-Hexanone-d5	9.391	63	31086	96.213	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.210%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46754	53.298	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.600%		
66) 1,2-Dichlorobenzene-d4	12.323	152	31969	51.537	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.080%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	1093	2.520	ug/L #	1
20) cis-1,2-Dichloroethene	4.501	96	1209	2.197	ug/L	94
34) Trichloroethene	7.135	95	14018	26.374	ug/L	91
35) Methylcyclohexane	7.312	83	7977	9.536	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3716	7.331	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1140	1.381	ug/L	83
44) trans-1,3-Dichloropropene	8.952	75	715	0.901	ug/L	93
61) 1,2,3-Trichloropropane	12.024	75	4107	7.591	ug/L #	62

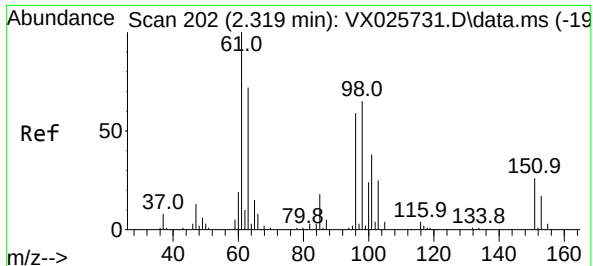
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 2.520 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025750.D

Acq: 11 Dec 2021 17:56

Instrument :

MSVOA_X

ClientSampleId :

C0CZ9

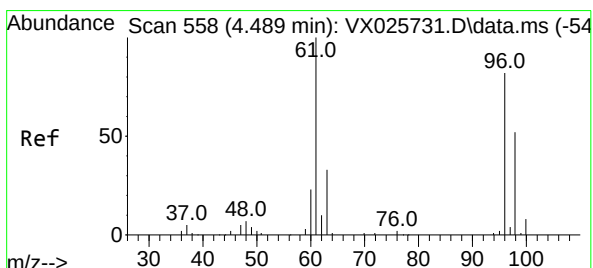
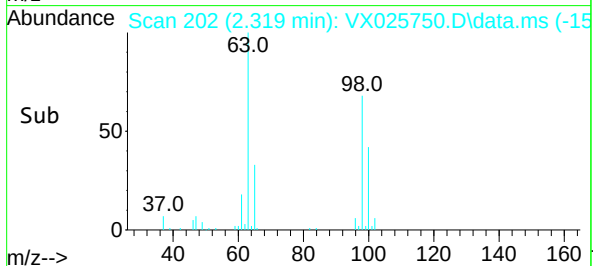
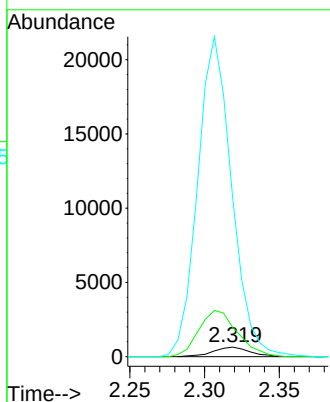
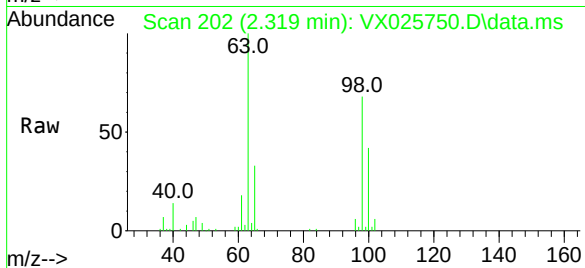
Tgt Ion: 96 Resp: 1093

Ion Ratio Lower Upper

96 100

61 304.6 108.7 201.9#

63 1653.7 76.3 141.7#



#20

cis-1,2-Dichloroethene

Concen: 2.197 ug/L

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX025750.D

Acq: 11 Dec 2021 17:56

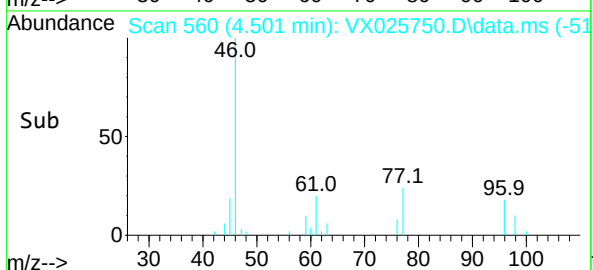
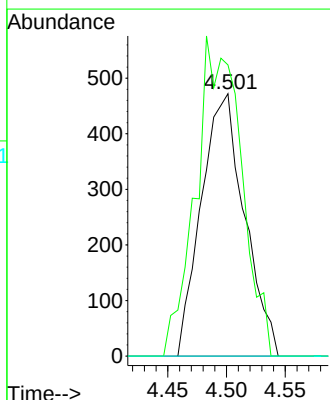
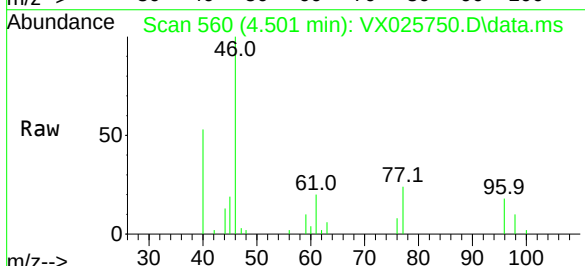
Tgt Ion: 96 Resp: 1209

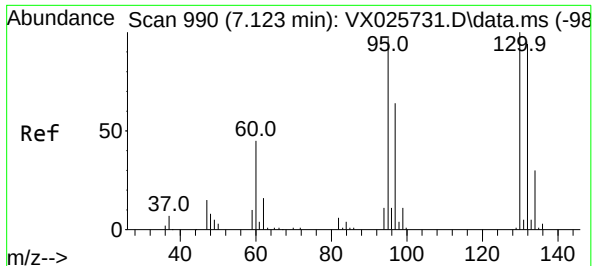
Ion Ratio Lower Upper

96 100

61 111.0 82.3 152.8

68 0.0 0.0 0.0



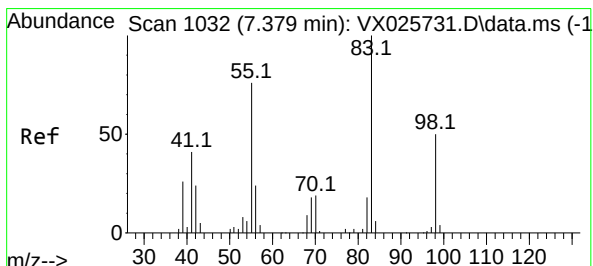
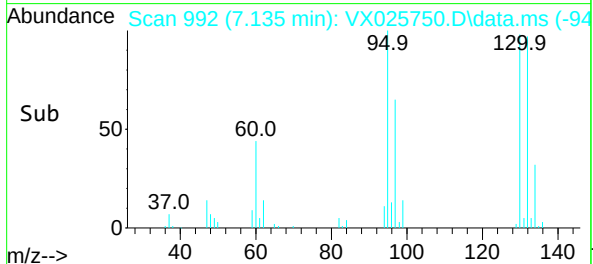
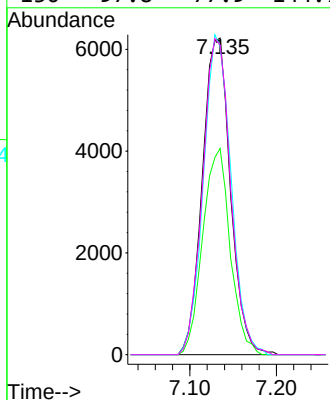
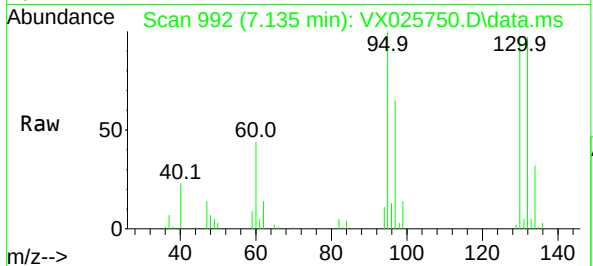


#34
Trichloroethene
Concen: 26.374 ug/L
RT: 7.135 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025750.D
Acq: 11 Dec 2021 17:56

Instrument :
MSVOA_X
ClientSampleId :
C0CZ9

Tgt Ion: 95 Resp: 14018

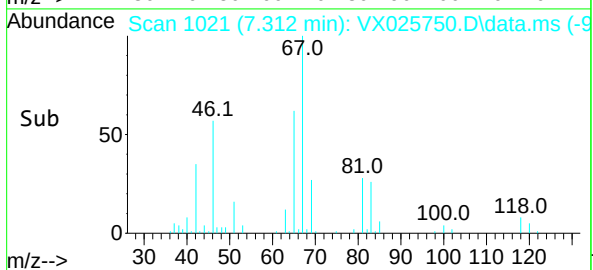
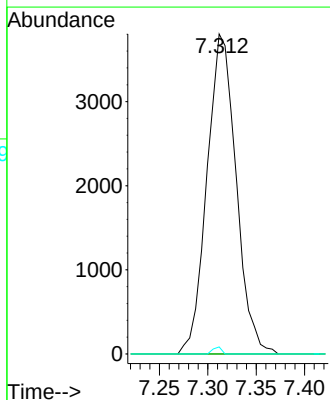
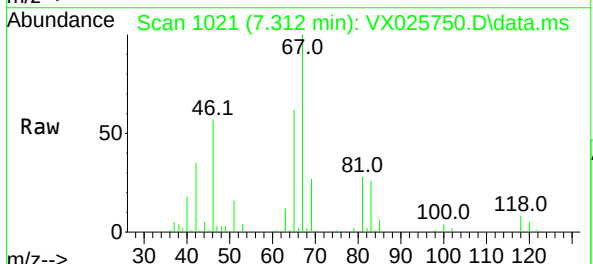
Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.0	85.4
132	97.4	75.0	139.2
130	97.8	77.9	144.7

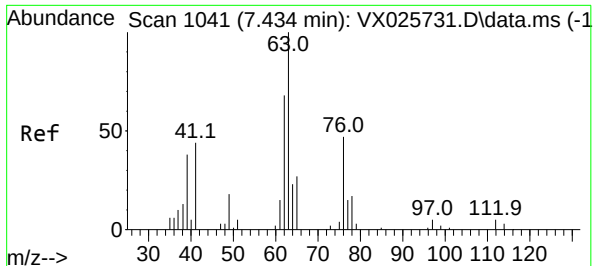


#35
Methylcyclohexane
Concen: 9.536 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX025750.D
Acq: 11 Dec 2021 17:56

Tgt Ion: 83 Resp: 7977

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	0.7	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 7.331 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025750.D

Acq: 11 Dec 2021 17:56

Instrument :

MSVOA_X

ClientSampleId :

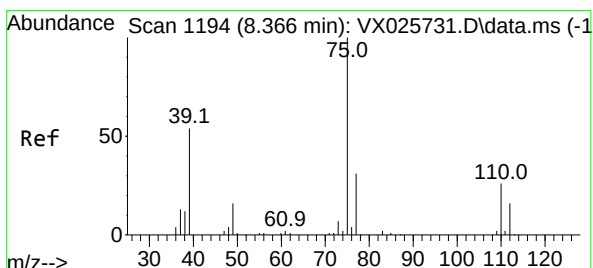
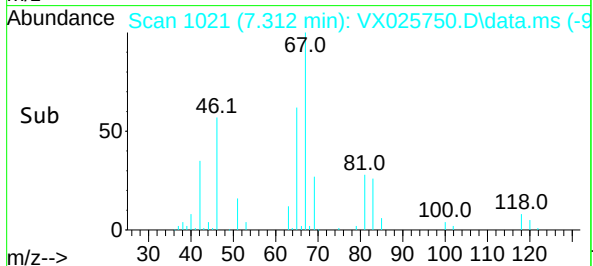
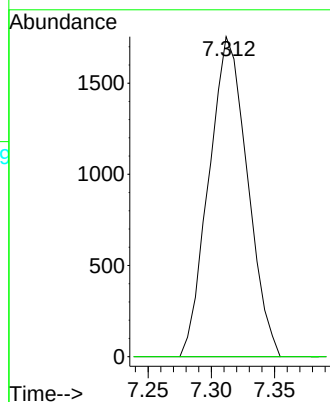
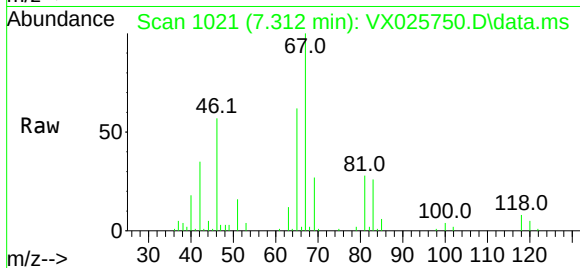
C0CZ9

Tgt Ion: 63 Resp: 3716

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.381 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025750.D

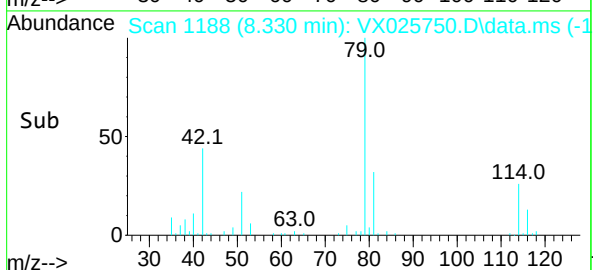
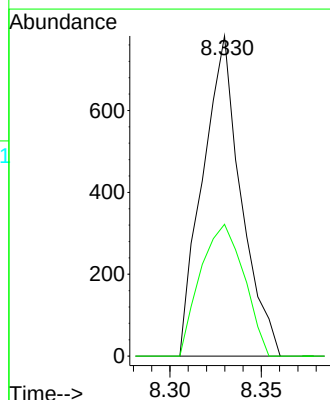
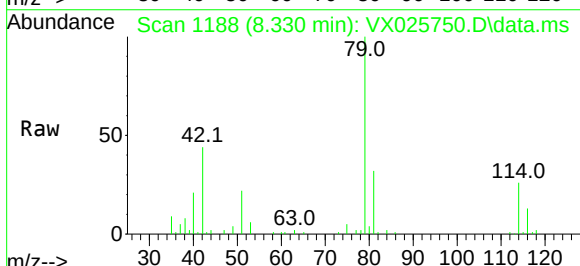
Acq: 11 Dec 2021 17:56

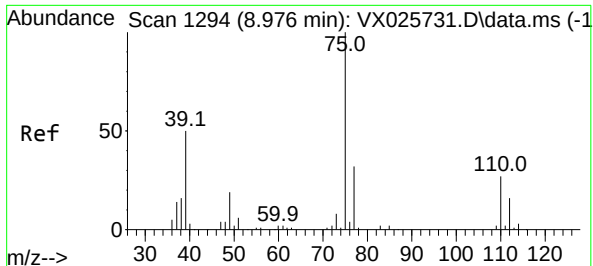
Tgt Ion: 75 Resp: 1140

Ion Ratio Lower Upper

75 100

77 41.2 22.3 41.3





#44

trans-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 8.952 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX025750.D

Acq: 11 Dec 2021 17:56

Instrument :

MSVOA_X

ClientSampleId :

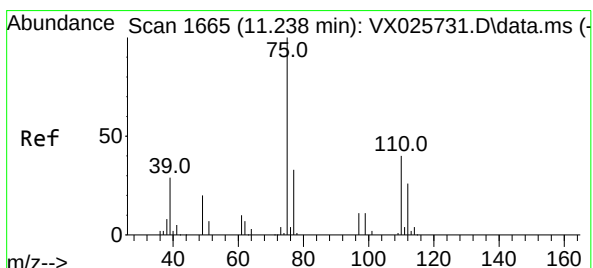
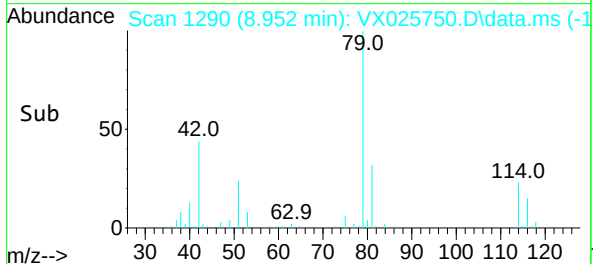
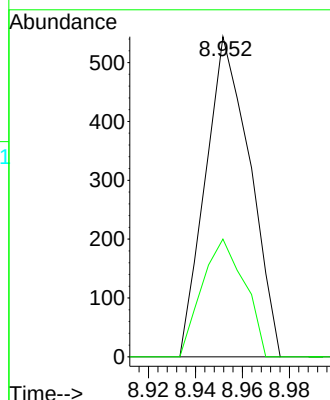
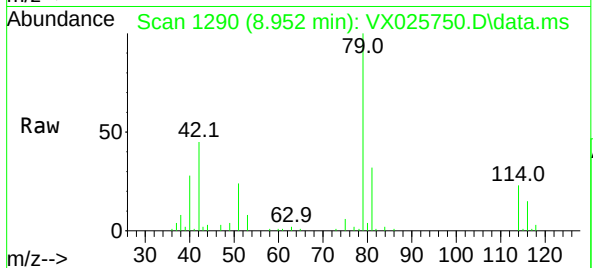
C0CZ9

Tgt Ion: 75 Resp: 715

Ion Ratio Lower Upper

75 100

77 36.8 23.0 42.8



#61

1,2,3-Trichloropropane

Concen: 7.591 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025750.D

Acq: 11 Dec 2021 17:56

Tgt Ion: 75 Resp: 4107

Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.8

110 2.7 34.7 52.1#

