

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026125.D
 Acq On : 29 Dec 2021 02:10
 Operator : JC/MD
 Sample : M5214-06ME
 Misc : 6.77g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:37:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

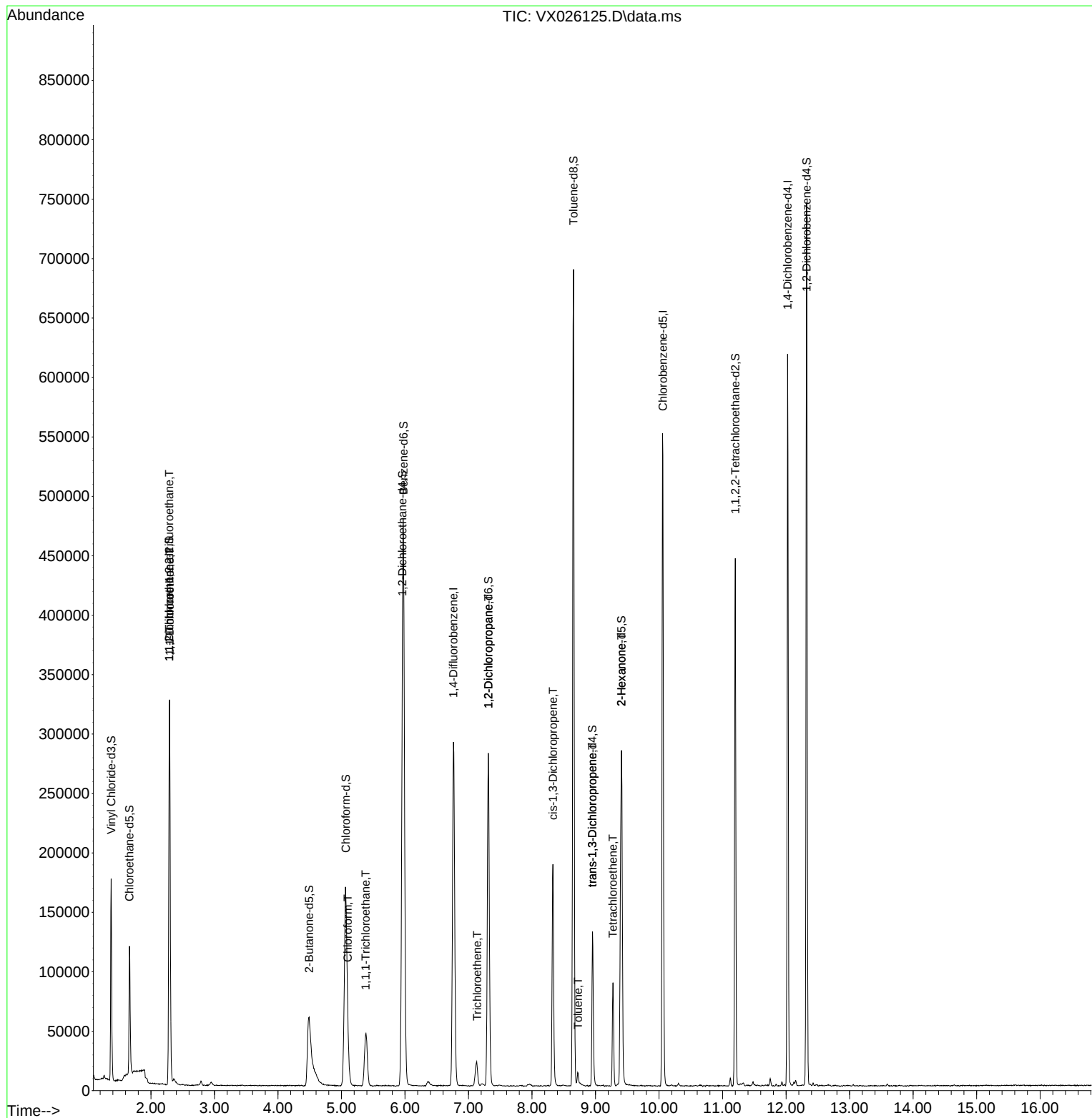
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	291543	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	251847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	118076	52.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.360%			
7) Chloroethane-d5	1.660	69	70350	42.767	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.540%			
11) 1,1-Dichloroethene-d2	2.288	63	191306	46.317	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.640%			
21) 2-Butanone-d5	4.489	46	175355	112.149	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.150%			
24) Chloroform-d	5.068	84	196945	51.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.500%			
26) 1,2-Dichloroethane-d4	5.958	65	145250	58.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.620%			
32) Benzene-d6	5.976	84	440088	60.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.220%			
36) 1,2-Dichloropropane-d6	7.312	67	135680	60.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.800%#			
41) Toluene-d8	8.653	98	392254	59.236	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.480%			
43) trans-1,3-Dichloroprop...	8.952	79	60137	54.846	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.700%			
47) 2-Hexanone-d5	9.409	63	118793	113.398	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.400%			
56) 1,1,2,2-Tetrachloroeth...	11.201	84	171766	57.458	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.920%			
66) 1,2-Dichlorobenzene-d4	12.323	152	140317	62.093	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.180%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	1861	0.974	ug/L #	22
12) 1,1-Dichloroethene	2.294	96	2395	1.347	ug/L #	1
25) Chloroform	5.099	83	23356	6.596	ug/L	91
30) 1,1,1-Trichloroethane	5.379	97	43818	14.291	ug/L	99
34) Trichloroethene	7.135	95	5714	2.918	ug/L	94
37) 1,2-Dichloropropane	7.312	63	16103	8.412	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	4723	1.600	ug/L #	65
42) Toluene	8.726	91	6948	0.877	ug/L	92
44) trans-1,3-Dichloropropene	8.952	75	3160	1.117	ug/L	90
46) Tetrachloroethene	9.275	164	14978	10.349	ug/L	86
48) 2-Hexanone	9.409	43	15175	5.965	ug/L #	70

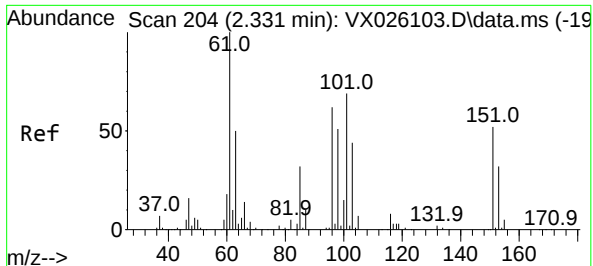
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 29 04:37:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 29 04:20:17 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.974 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.043 min

Lab File: VX026125.D

Acq: 29 Dec 2021 02:10

Instrument :

MSVOA_X

ClientSampleId :

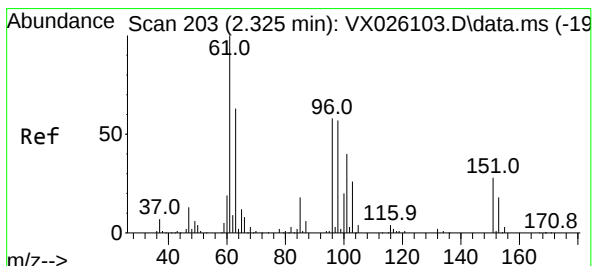
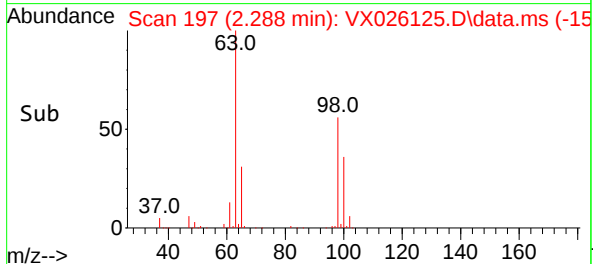
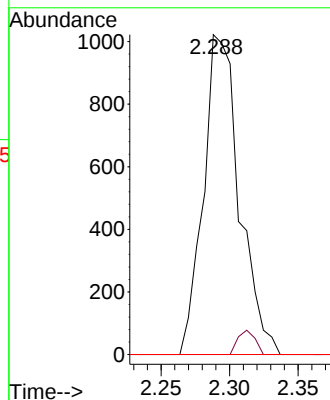
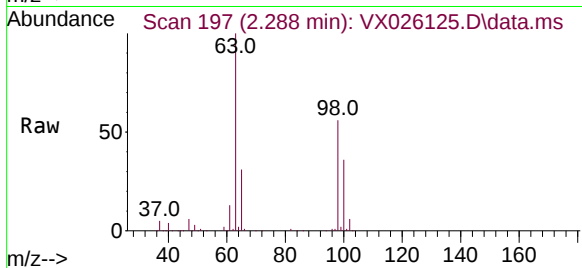
Tgt Ion:101 Resp: 1861

Ion Ratio Lower Upper

101 100

85 3.7 36.6 55.0#

151 0.0 58.5 87.7#



#12

1,1-Dichloroethene

Concen: 1.347 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.030 min

Lab File: VX026125.D

Acq: 29 Dec 2021 02:10

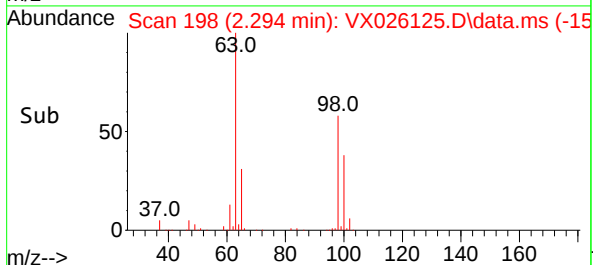
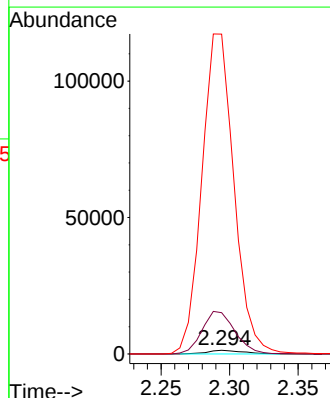
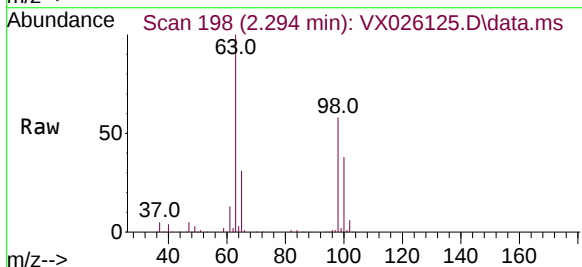
Tgt Ion: 96 Resp: 2395

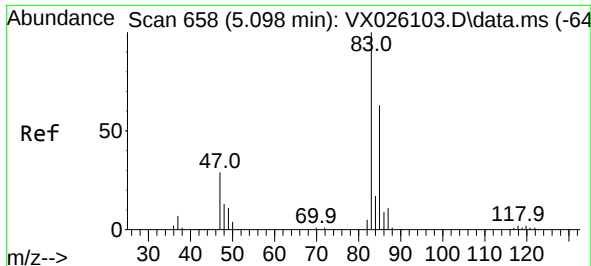
Ion Ratio Lower Upper

96 100

61 1145.8 121.6 225.8#

63 8864.8 86.7 161.1#





#25

Chloroform

Concen: 6.596 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026125.D

Acq: 29 Dec 2021 02:10

Instrument :

MSVOA_X

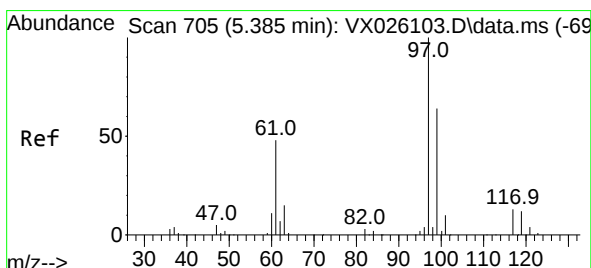
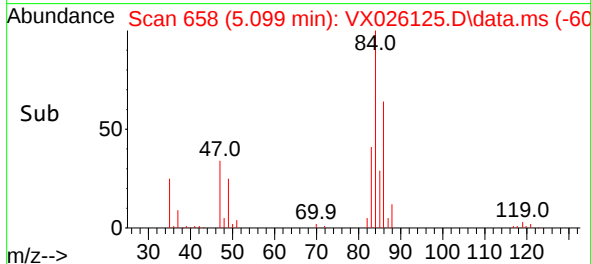
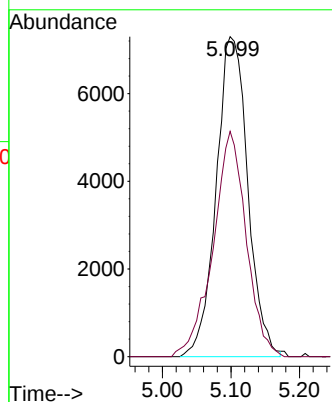
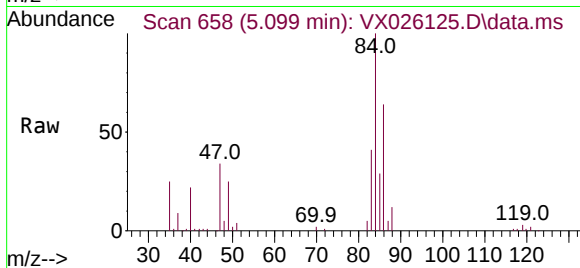
ClientSampleId :

Tgt Ion: 83 Resp: 23356

Ion Ratio Lower Upper

83 100

85 70.4 44.5 82.7



#30

1,1,1-Trichloroethane

Concen: 14.291 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX026125.D

Acq: 29 Dec 2021 02:10

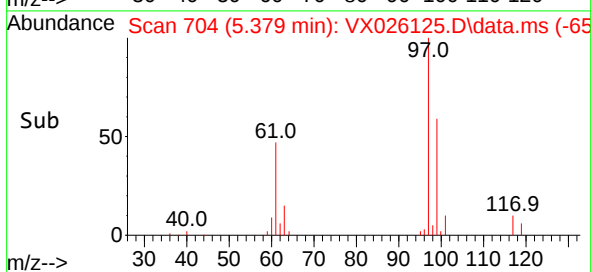
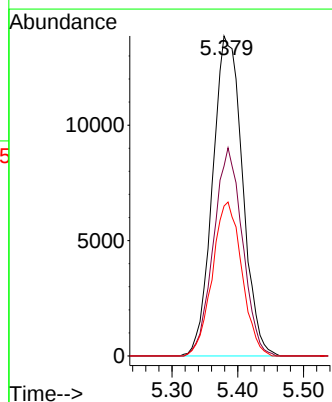
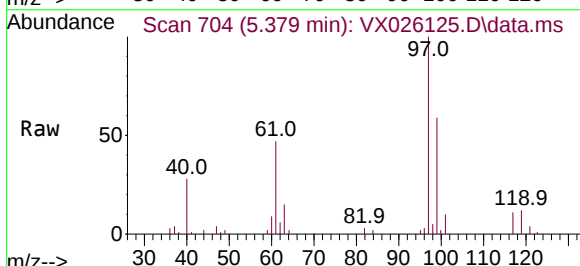
Tgt Ion: 97 Resp: 43818

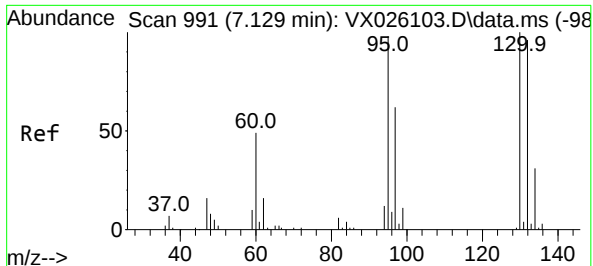
Ion Ratio Lower Upper

97 100

99 62.9 51.6 77.4

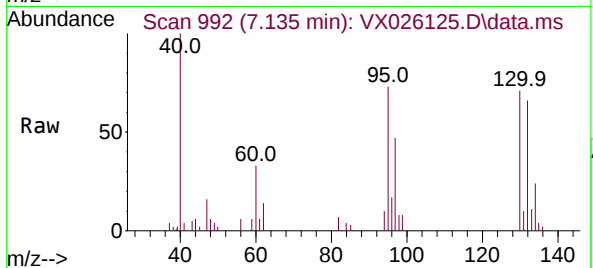
61 47.5 38.3 57.5



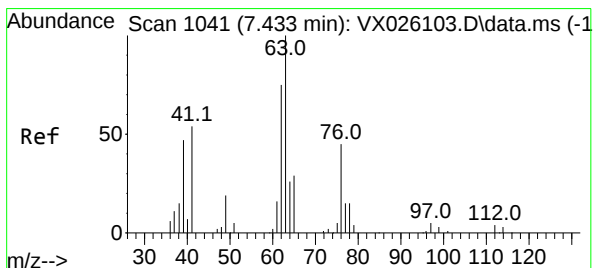
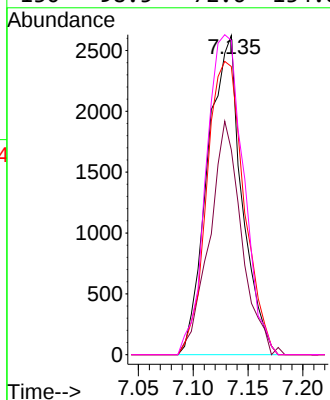
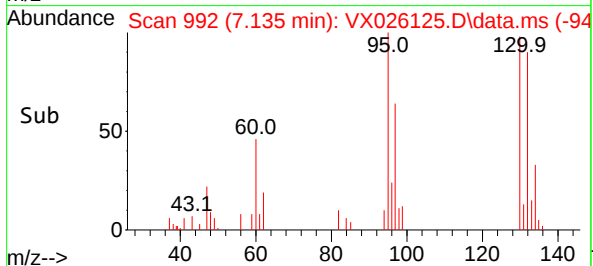


#34
Trichloroethene
Concen: 2.918 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX026125.D
Acq: 29 Dec 2021 02:10

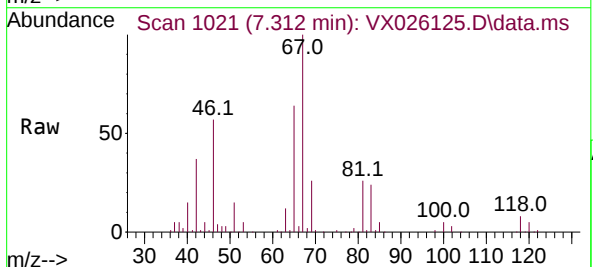
Instrument :
MSVOA_X
ClientSampleId :



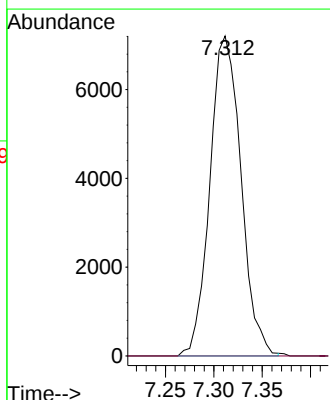
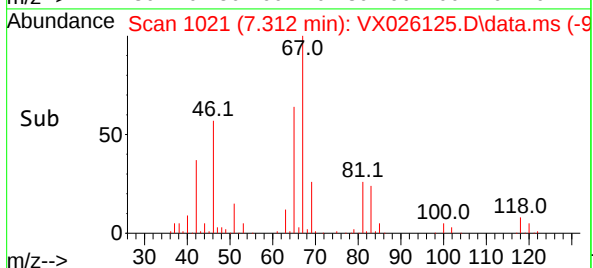
Tgt Ion: 95 Resp: 5714
Ion Ratio Lower Upper
95 100
97 64.2 46.3 85.9
132 90.3 68.7 127.7
130 98.5 72.6 134.8

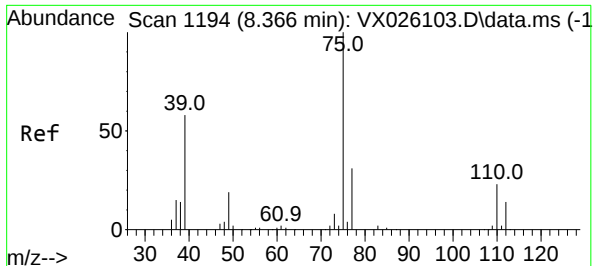


#37
1,2-Dichloropropane
Concen: 8.412 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX026125.D
Acq: 29 Dec 2021 02:10



Tgt Ion: 63 Resp: 16103
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.600 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX026125.D

Acq: 29 Dec 2021 02:10

Instrument :

MSVOA_X

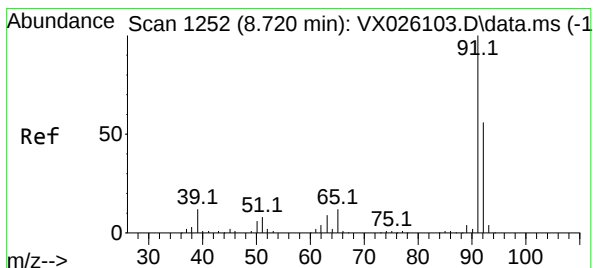
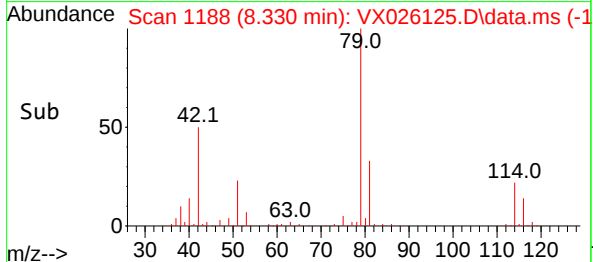
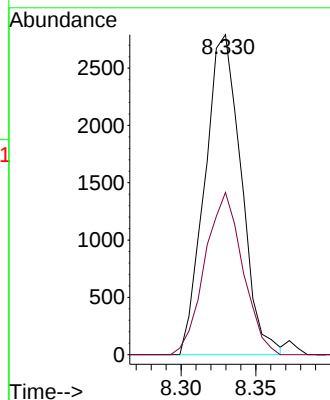
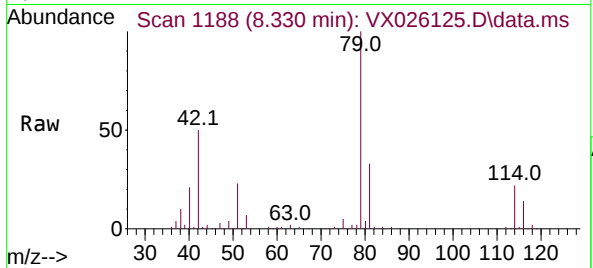
ClientSampleId :

Tgt Ion: 75 Resp: 4723

Ion Ratio Lower Upper

75 100

77 50.7 22.0 41.0#



#42

Toluene

Concen: 0.877 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX026125.D

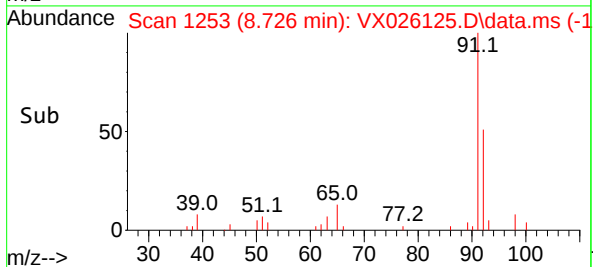
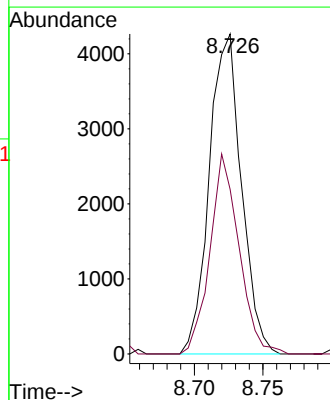
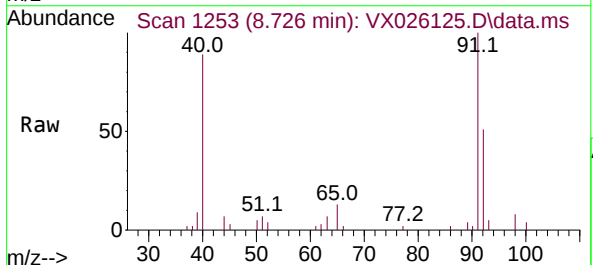
Acq: 29 Dec 2021 02:10

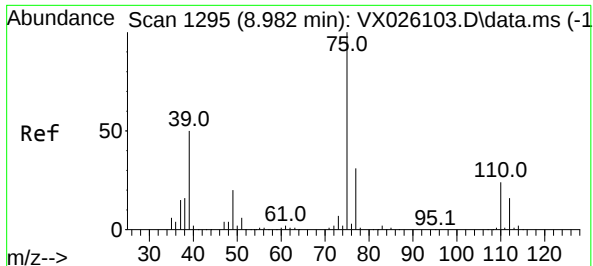
Tgt Ion: 91 Resp: 6948

Ion Ratio Lower Upper

91 100

92 51.4 40.1 74.5

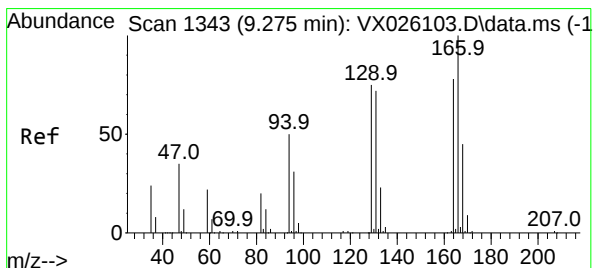
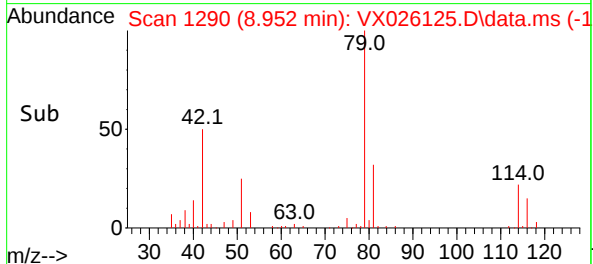
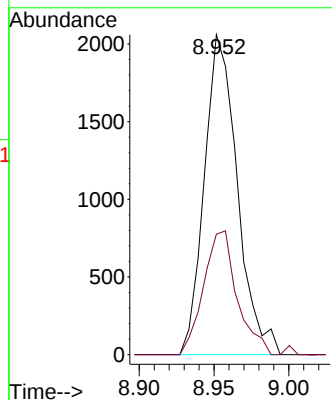
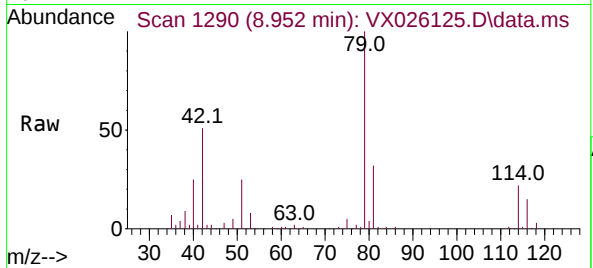




#44
trans-1,3-Dichloropropene
Concen: 1.117 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX026125.D
Acq: 29 Dec 2021 02:10

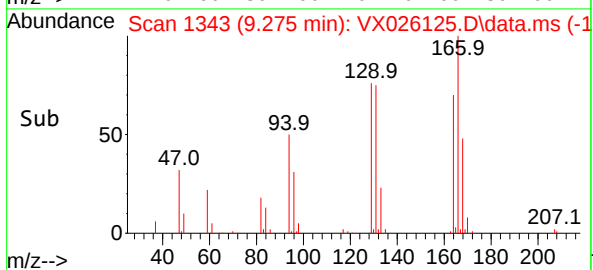
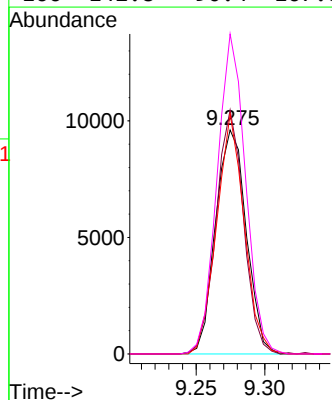
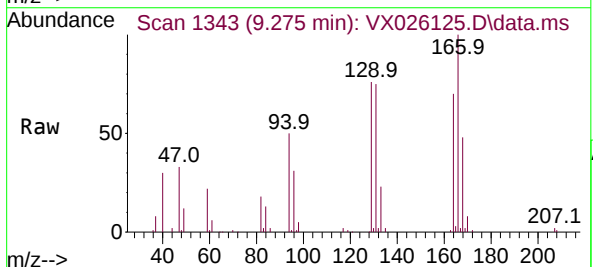
Instrument :
MSVOA_X
ClientSampleId :

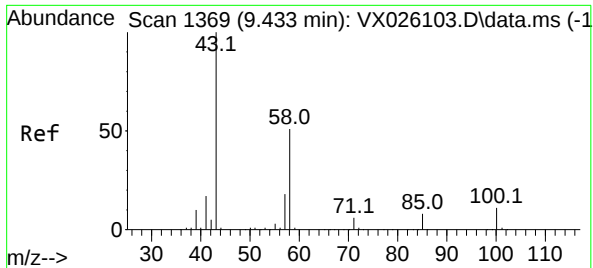
Tgt Ion: 75 Resp: 3160
Ion Ratio Lower Upper
75 100
77 37.7 22.5 41.7



#46
Tetrachloroethene
Concen: 10.349 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026125.D
Acq: 29 Dec 2021 02:10

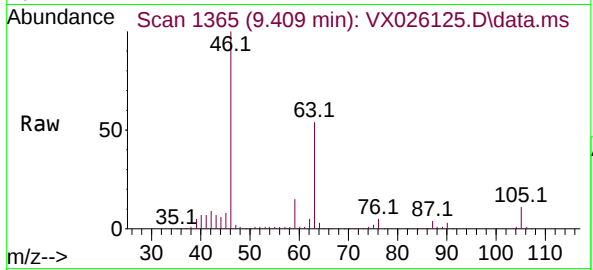
Tgt Ion: 164 Resp: 14978
Ion Ratio Lower Upper
164 100
129 108.9 66.3 123.1
131 107.2 63.6 118.0
166 142.8 90.4 167.8





#48
 2-Hexanone
 Concen: 5.965 ug/L
 RT: 9.409 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX026125.D
 Acq: 29 Dec 2021 02:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 43	Resp: 15175
Ion Ratio	Lower Upper
43	100
58	23.9 40.8 61.2#
57	21.1 14.3 21.5
100	0.0 9.0 13.4#

