

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026109.D
 Acq On : 28 Dec 2021 20:00
 Operator : JC/MD
 Sample : M5123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 04:33:11 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)

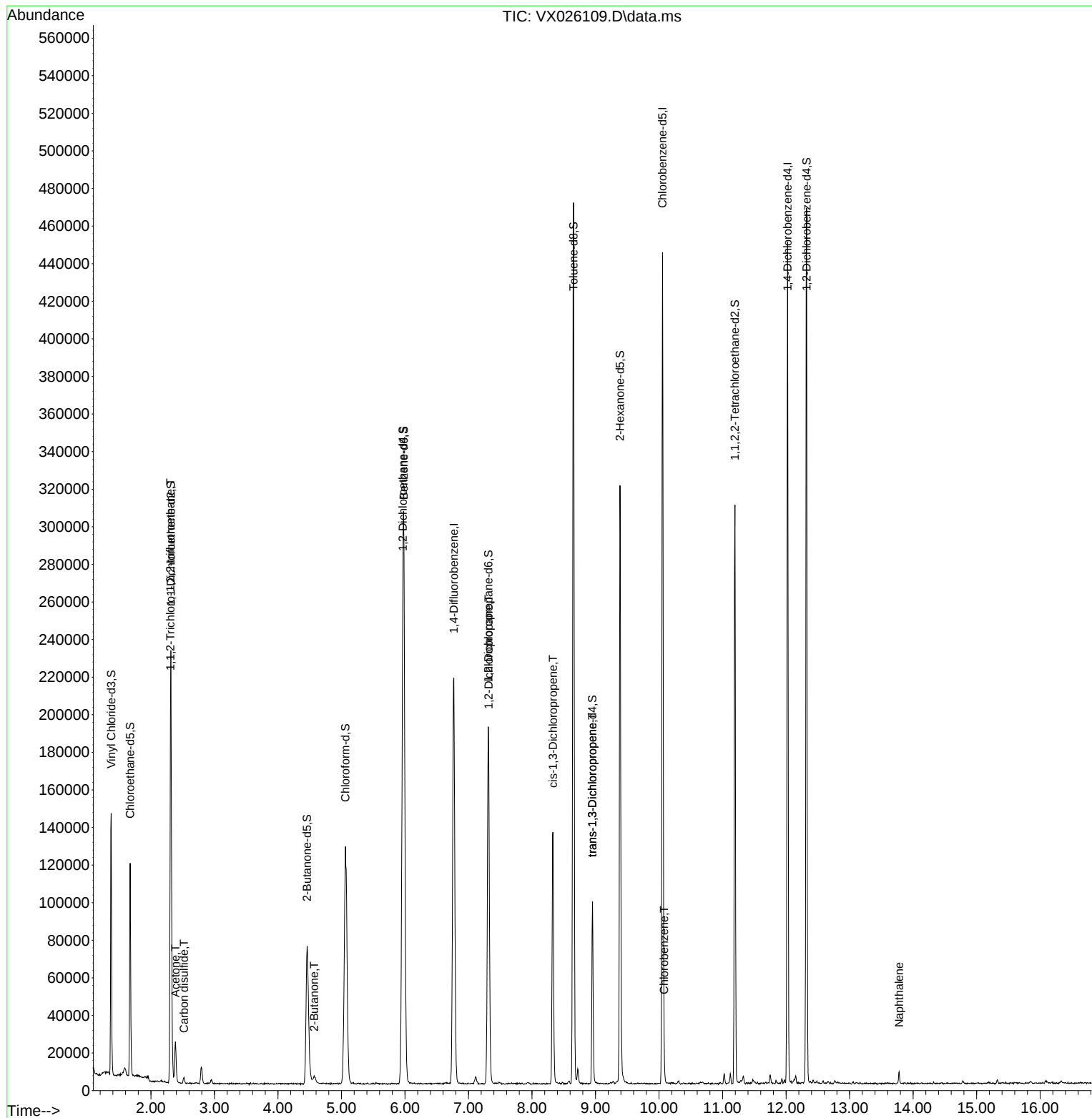
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	214393	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84094	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	87880	52.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.620%			
7) Chloroethane-d5	1.672	69	65859	54.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.880%			
11) 1,1-Dichloroethene-d2	2.312	63	123420	40.634	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.260%			
21) 2-Butanone-d5	4.458	46	129533	112.654	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.650%			
24) Chloroform-d	5.062	84	144919	51.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.560%			
26) 1,2-Dichloroethane-d4	5.964	65	97947	53.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.940%			
32) Benzene-d6	5.983	84	289886	54.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.700%			
36) 1,2-Dichloropropane-d6	7.312	67	90301	54.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.460%			
41) Toluene-d8	8.653	98	260375	53.532	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.060%			
43) trans-1,3-Dichloroprop...	8.952	79	41295	51.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.540%			
47) 2-Hexanone-d5	9.384	63	88791	115.394	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.390%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	117452	53.490	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.980%			
66) 1,2-Dichlorobenzene-d4	12.323	152	88723	55.309	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.620%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1176	0.837	ug/L #	23
13) Acetone	2.386	43	24307	22.322	ug/L	98
14) Carbon disulfide	2.520	76	3946	0.961	ug/L	97
22) 2-Butanone	4.568	43	6237	4.353	ug/L	87
37) 1,2-Dichloropropane	7.318	63	11059	7.865	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	3351	1.545	ug/L #	55
44) trans-1,3-Dichloropropene	8.952	75	2235	1.076	ug/L	88
51) Chlorobenzene	10.079	112	3157	0.880	ug/L	95
71) Naphthalene	13.780	128	3917	0.691	ug/L #	95

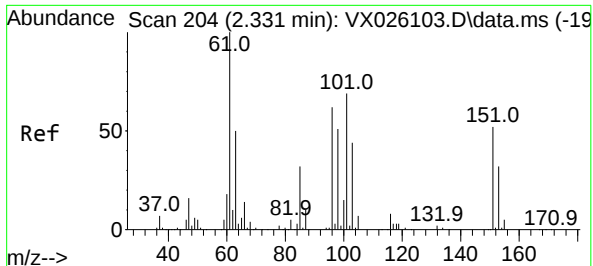
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

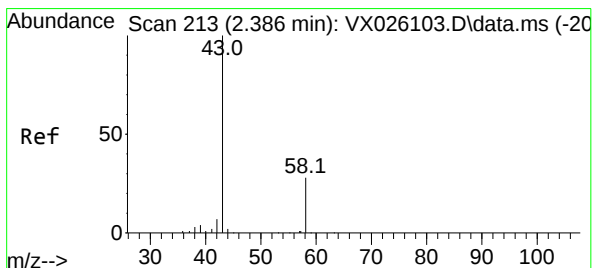
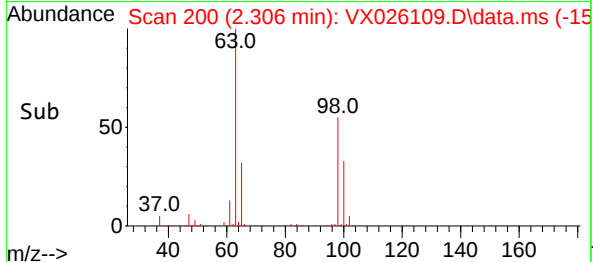
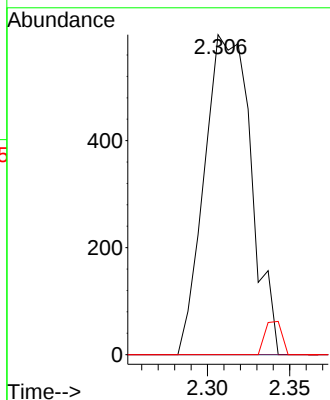
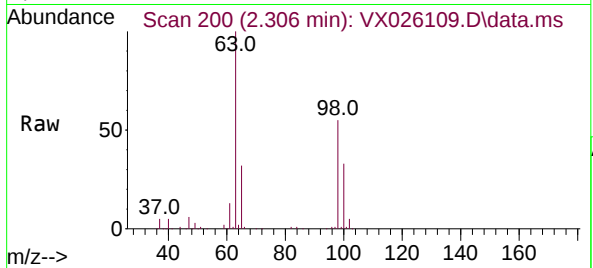




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.837 ug/L
RT: 2.306 min Scan# 204
Delta R.T. -0.024 min
Lab File: VX026109.D
Acq: 28 Dec 2021 20:00

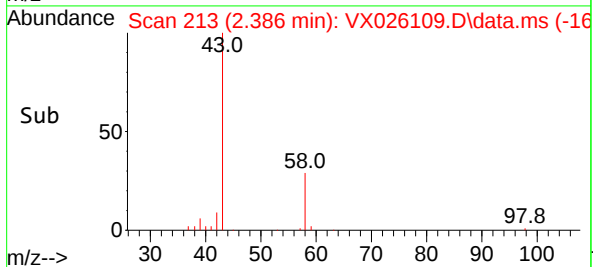
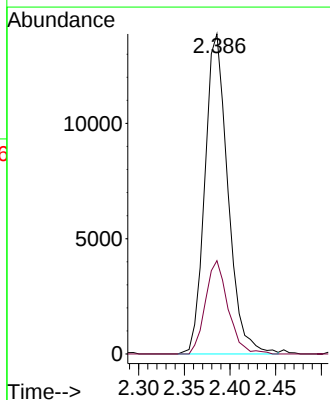
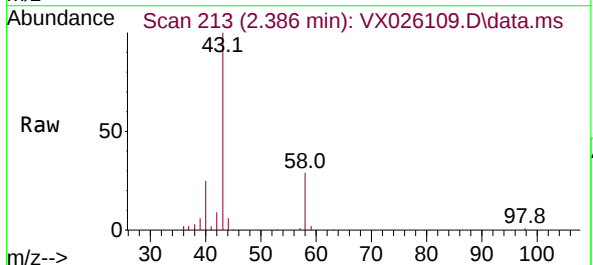
Instrument :
MSVOA_X
ClientSampleId :

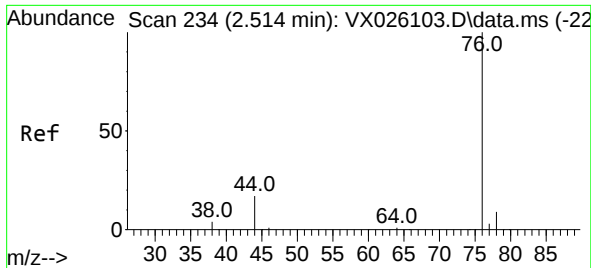
Tgt Ion:101 Resp: 1176
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 3.8 58.5 87.7#



#13
Acetone
Concen: 22.322 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026109.D
Acq: 28 Dec 2021 20:00

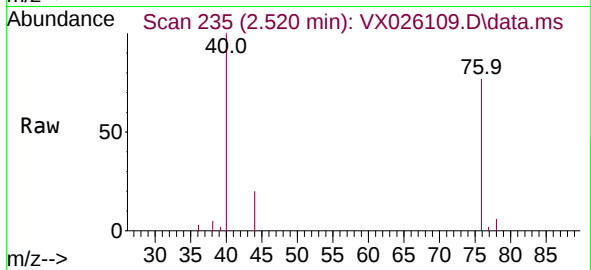
Tgt Ion: 43 Resp: 24307
Ion Ratio Lower Upper
43 100
58 28.2 0.0 58.2



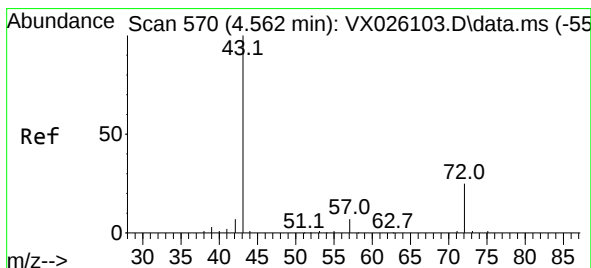
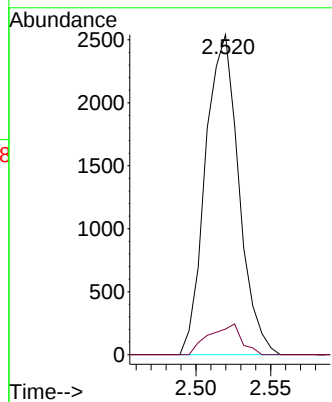
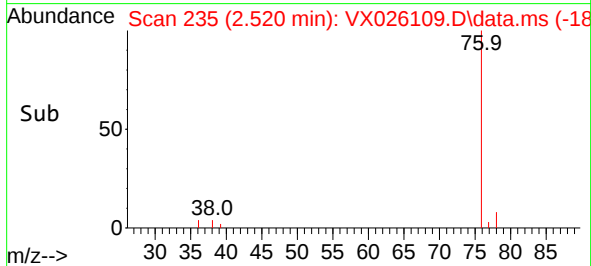


#14
Carbon disulfide
Concen: 0.961 ug/L
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026109.D
Acq: 28 Dec 2021 20:00

Instrument :
MSVOA_X
ClientSampleId :

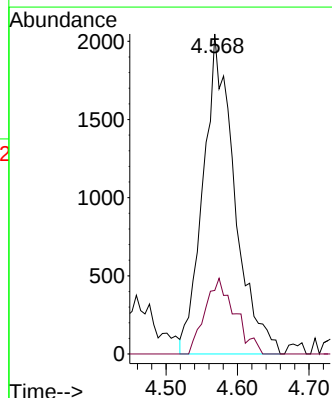
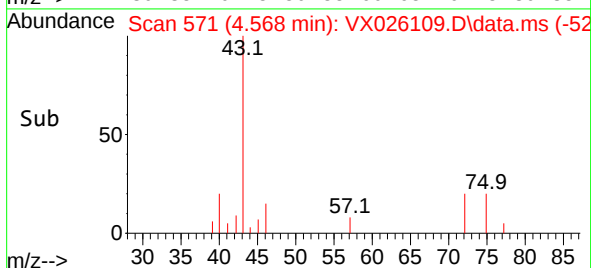
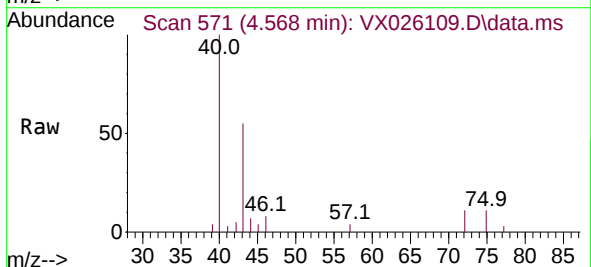


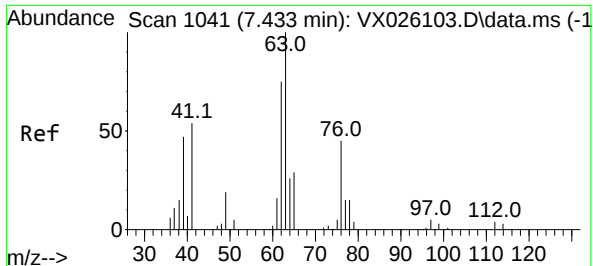
Tgt Ion: 76 Resp: 3946
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#22
2-Butanone
Concen: 4.353 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026109.D
Acq: 28 Dec 2021 20:00

Tgt Ion: 43 Resp: 6237
Ion Ratio Lower Upper
43 100
72 17.8 12.0 36.1





#37

1,2-Dichloropropane

Concen: 7.865 ug/L

RT: 7.318 min Scan# 11059

Delta R.T. -0.116 min

Lab File: VX026109.D

Acq: 28 Dec 2021 20:00

Instrument :

MSVOA_X

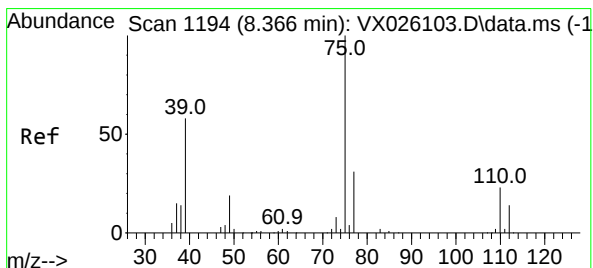
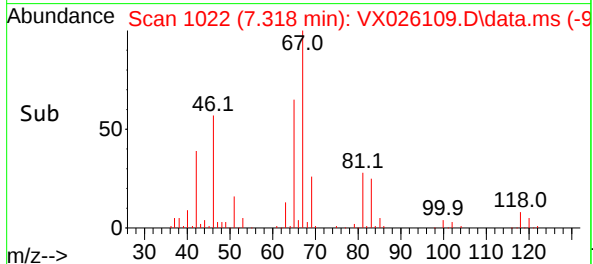
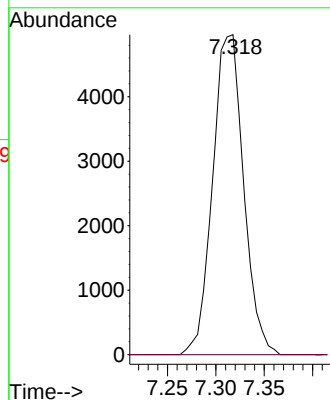
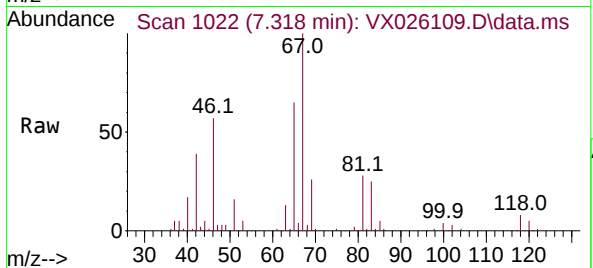
ClientSampleId :

Tgt Ion: 63 Resp: 11059

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.545 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX026109.D

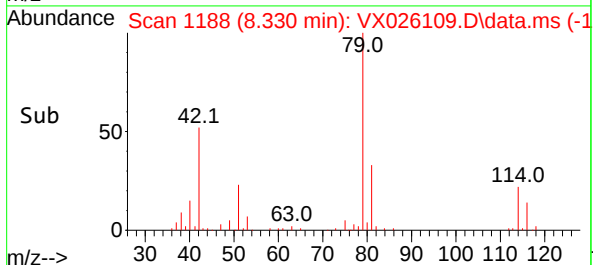
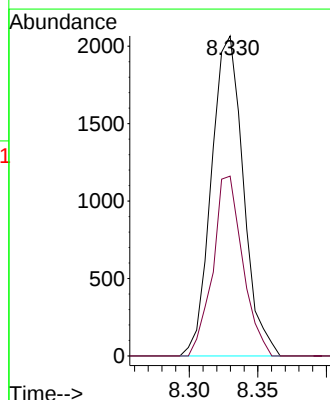
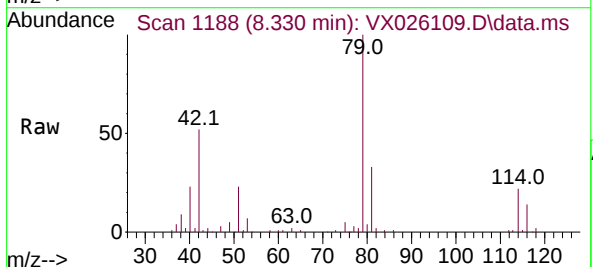
Acq: 28 Dec 2021 20:00

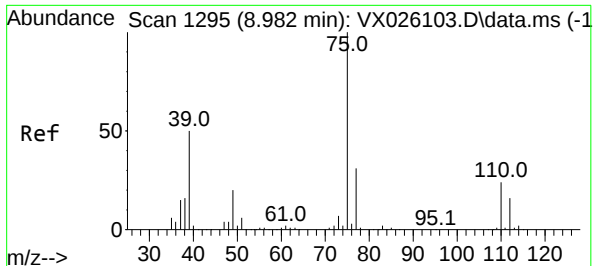
Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

75 100

77 56.2 22.0 41.0#

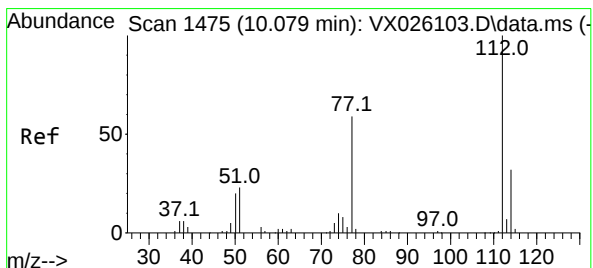
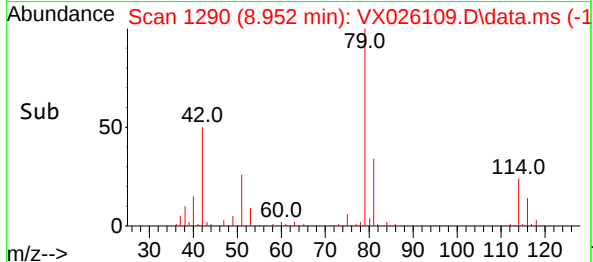
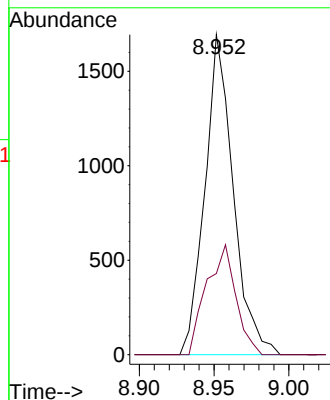
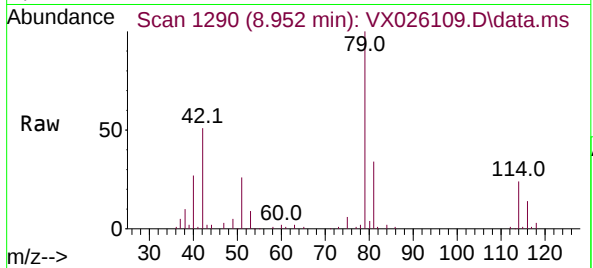




#44
trans-1,3-Dichloropropene
Concen: 1.076 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX026109.D
Acq: 28 Dec 2021 20:00

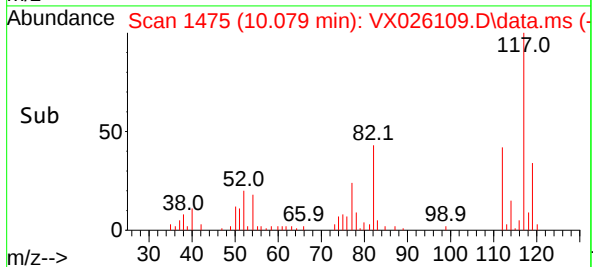
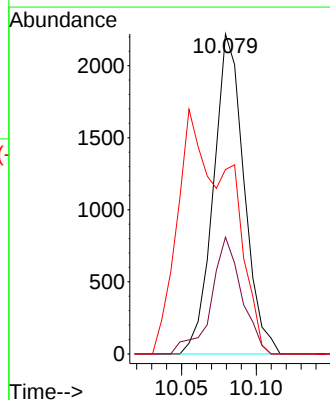
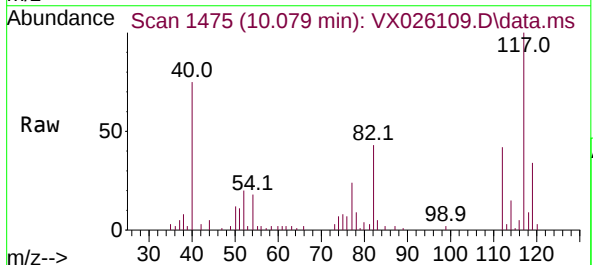
Instrument :
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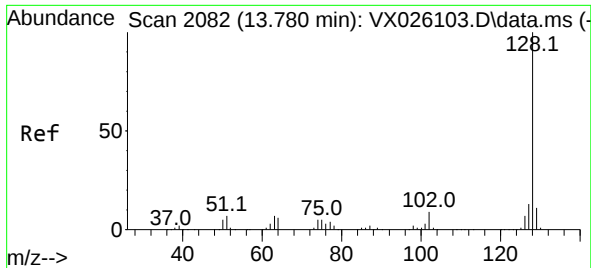
Tgt Ion: 75 Resp: 2235
Ion Ratio Lower Upper
75 100
77 25.3 22.5 41.7



#51
Chlorobenzene
Concen: 0.880 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026109.D
Acq: 28 Dec 2021 20:00

Tgt Ion: 112 Resp: 3157
Ion Ratio Lower Upper
112 100
114 36.5 22.2 41.2
77 57.7 47.8 71.8





#71

Naphthalene

Concen: 0.691 ug/L

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

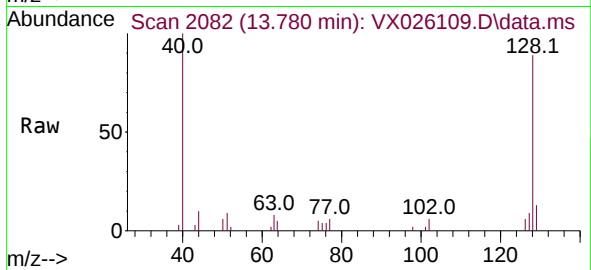
Lab File: VX026109.D

Acq: 28 Dec 2021 20:00

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MSVOA_X

ClientSampleId :



Tgt Ion:	128	Resp:	3917
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.4	15.6#
129	11.6	8.6	12.8

