

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026086.D
 Acq On : 28 Dec 2021 01:22
 Operator : JC/MD
 Sample : PB141699ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 02:56:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

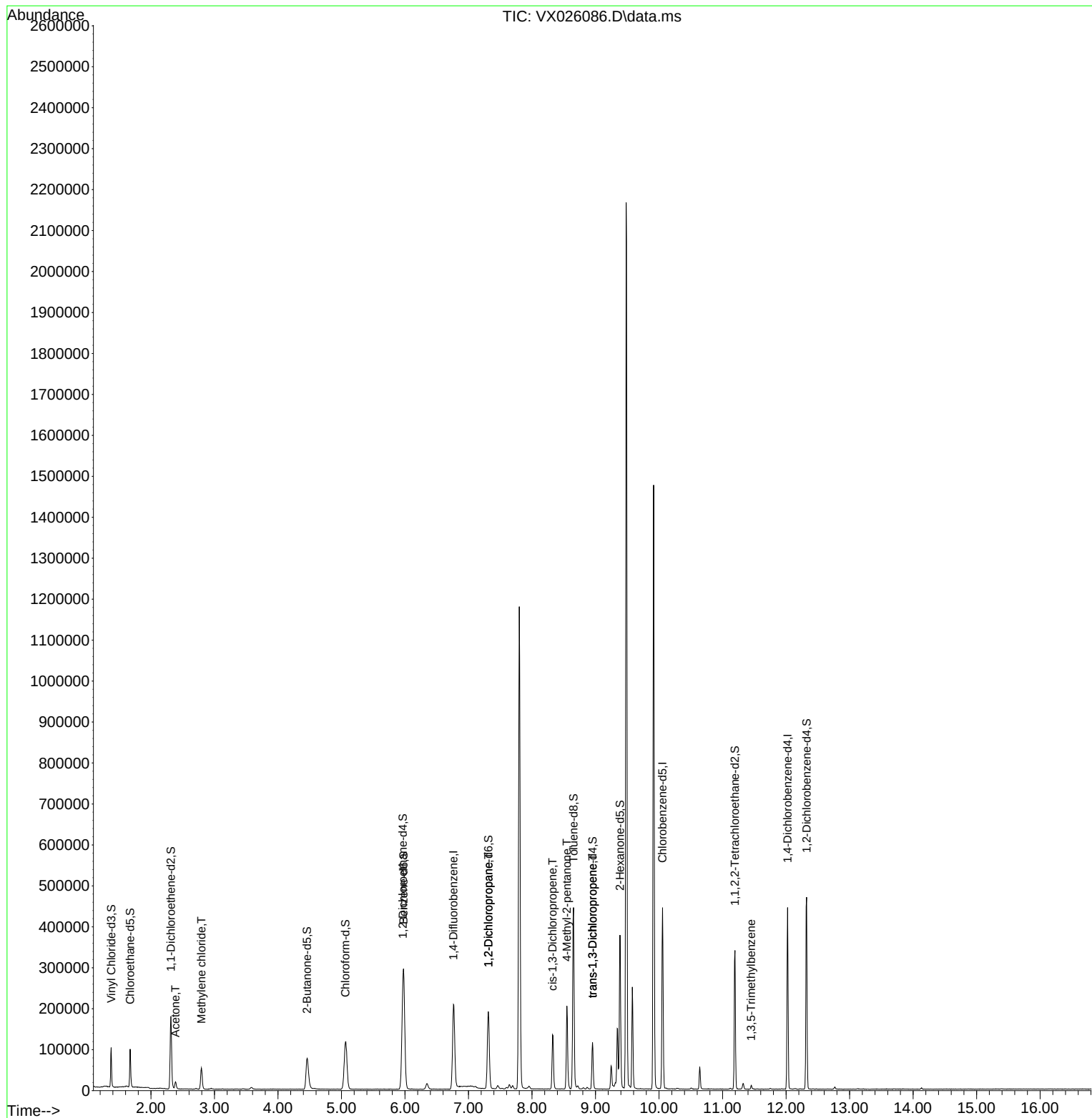
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	202406	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184682	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	60370	42.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.120%
7) Chloroethane-d5	1.672	69	54167	47.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	2.313	63	99251	34.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.780%
21) 2-Butanone-d5	4.458	46	137784	110.721	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.720%
24) Chloroform-d	5.062	84	144490	50.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.964	65	97349	50.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
32) Benzene-d6	5.976	84	279469	52.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.140%
36) 1,2-Dichloropropane-d6	7.312	67	92097	55.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.480%
41) Toluene-d8	8.653	98	253069	50.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.980%
43) trans-1,3-Dichloroprop...	8.952	79	41747	58.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.140%
47) 2-Hexanone-d5	9.384	63	103248	121.070	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.070%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	129617	53.198	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	92027	57.367	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.740%
Target Compounds						
					Qvalue	
13) Acetone	2.386	43	20034	29.448	ug/L	96
16) Methylene chloride	2.794	84	21956	13.884	ug/L	90
37) 1,2-Dichloropropane	7.312	63	11084	7.446	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	3395	1.587	ug/L #	70
40) 4-Methyl-2-pentanone	8.549	43	69155	27.634	ug/L #	49
44) trans-1,3-Dichloropropene	8.952	75	2159	1.064	ug/L #	60
62) 1,3,5-Trimethylbenzene	11.451	105	4082	0.836	ug/L	98

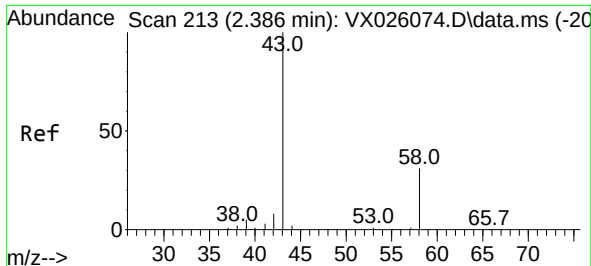
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Dec 28 02:17:03 2021
Response via : Initial Calibration

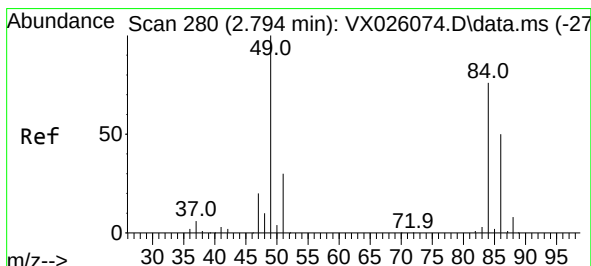
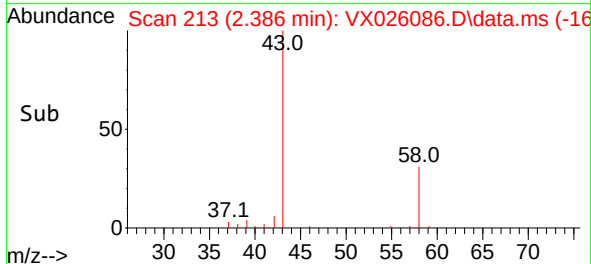
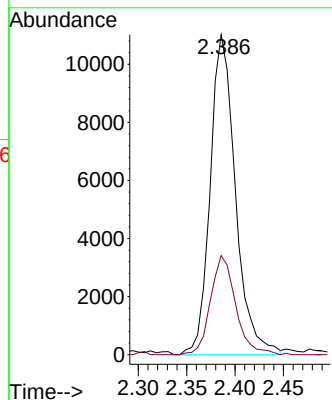
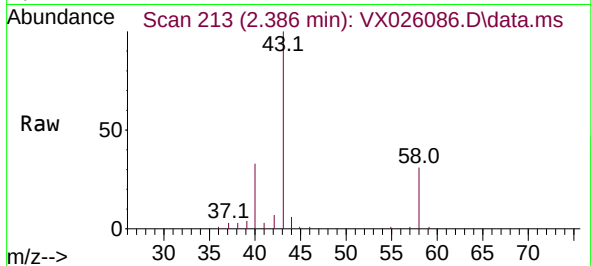




#13
Acetone
Concen: 29.448 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026086.D
Acq: 28 Dec 2021 01:22

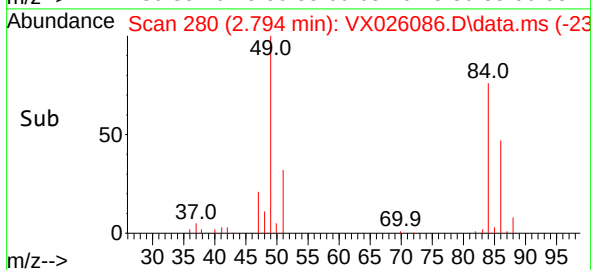
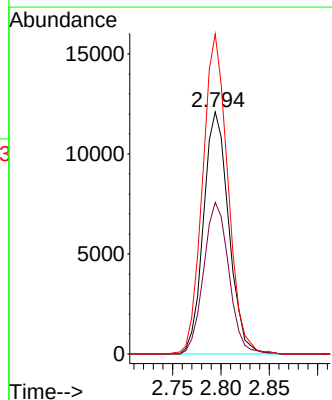
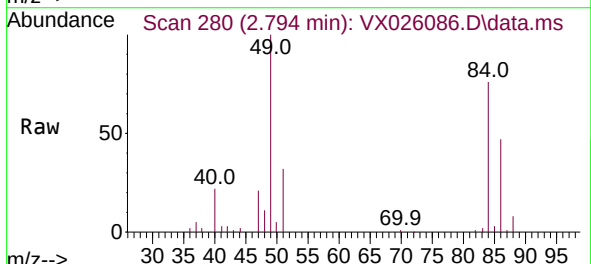
Instrument :
MSVOA_X
ClientSampleId :

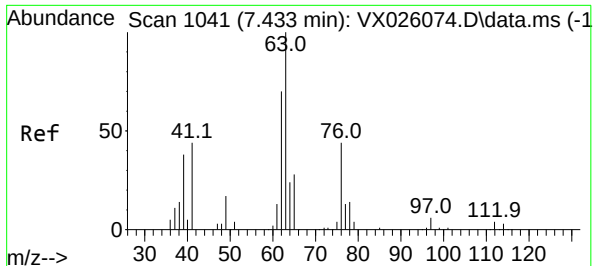
Tgt Ion: 43 Resp: 20034
Ion Ratio Lower Upper
43 100
58 30.7 0.0 65.6



#16
Methylene chloride
Concen: 13.884 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026086.D
Acq: 28 Dec 2021 01:22

Tgt Ion: 84 Resp: 21956
Ion Ratio Lower Upper
84 100
86 62.6 45.1 83.9
49 132.2 82.3 152.8





#37

1,2-Dichloropropane

Concen: 7.446 ug/L

RT: 7.312 min Scan# 11084

Delta R.T. -0.122 min

Lab File: VX026086.D

Acq: 28 Dec 2021 01:22

Instrument :

MSVOA_X

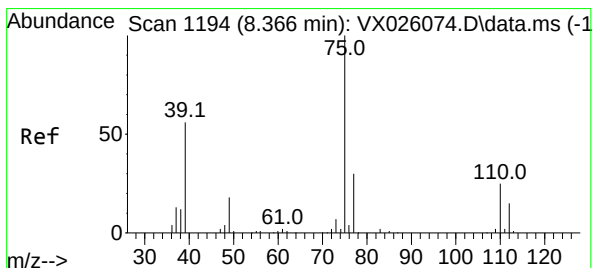
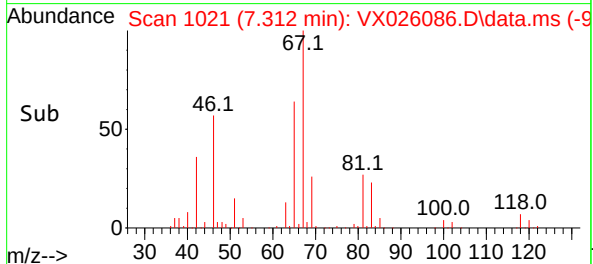
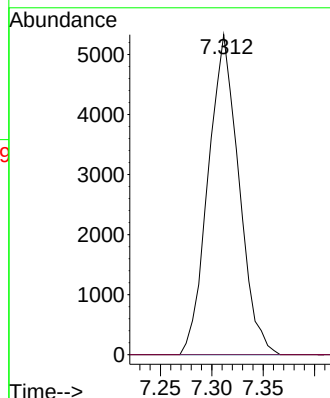
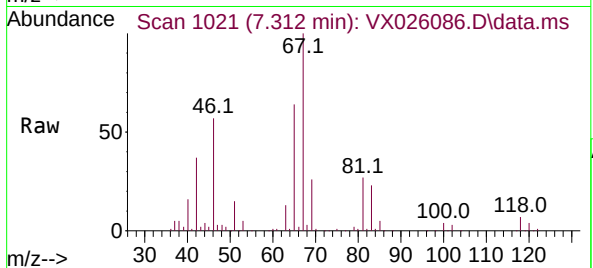
ClientSampleId :

Tgt Ion: 63 Resp: 11084

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.587 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX026086.D

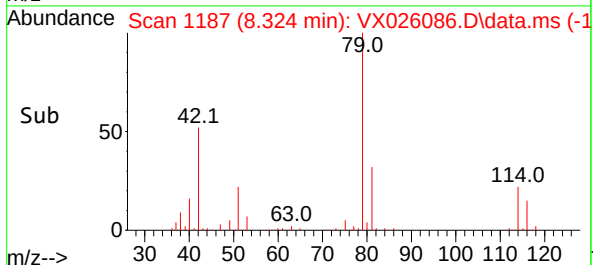
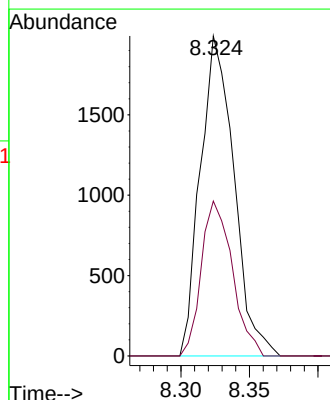
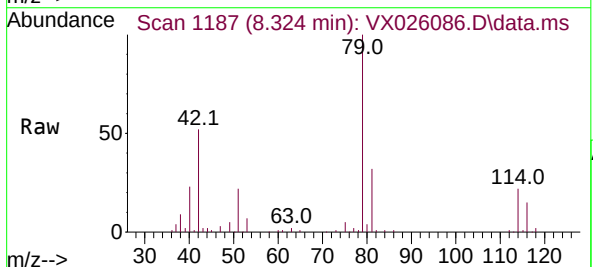
Acq: 28 Dec 2021 01:22

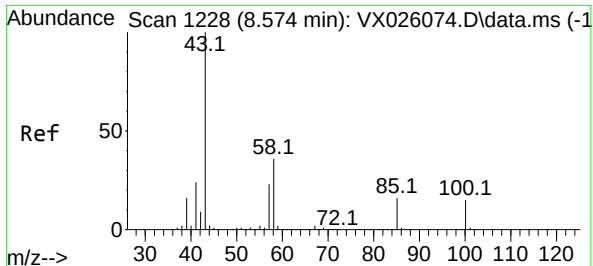
Tgt Ion: 75 Resp: 3395

Ion Ratio Lower Upper

75 100

77 48.4 22.3 41.3#





#40

4-Methyl-2-pentanone

Concen: 27.634 ug/L

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX026086.D

Acq: 28 Dec 2021 01:22

Instrument :

MSVOA_X

ClientSampleId :

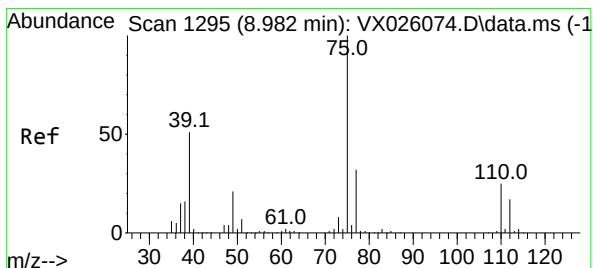
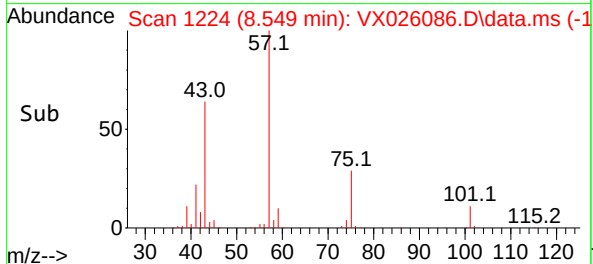
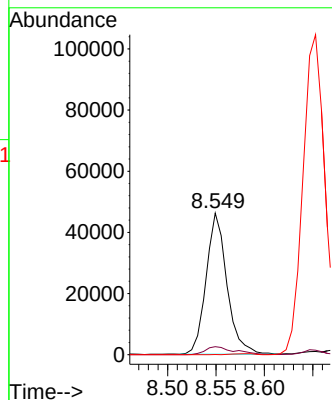
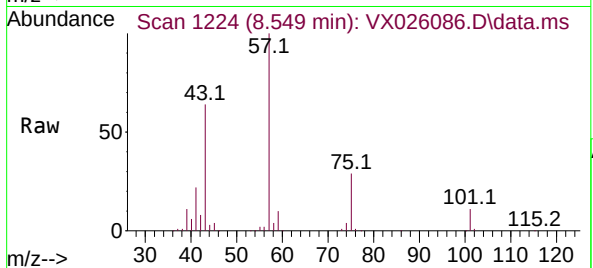
Tgt Ion: 43 Resp: 69155

Ion Ratio Lower Upper

43 100

58 6.0 32.2 48.2#

100 0.0 14.2 21.2#



#44

trans-1,3-Dichloropropene

Concen: 1.064 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX026086.D

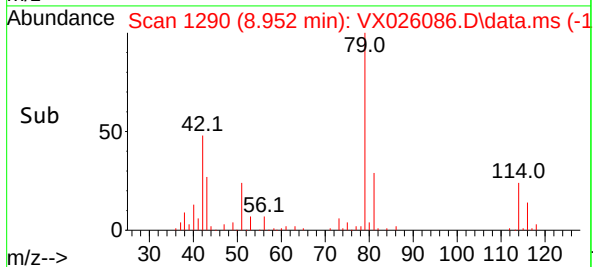
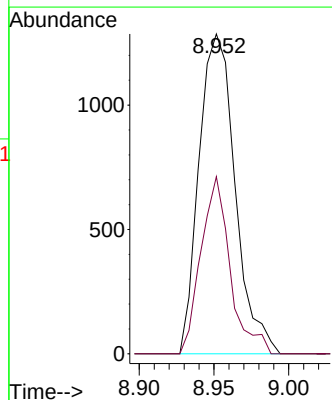
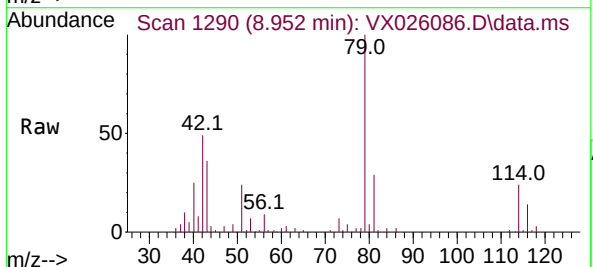
Acq: 28 Dec 2021 01:22

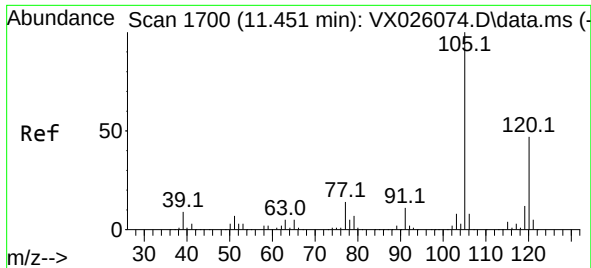
Tgt Ion: 75 Resp: 2159

Ion Ratio Lower Upper

75 100

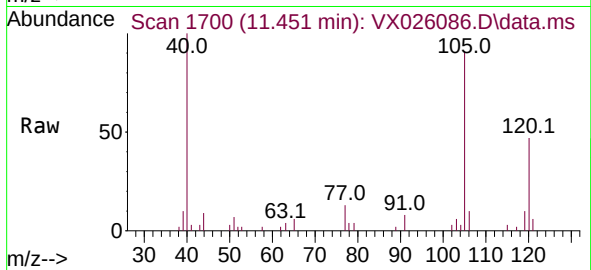
77 55.4 23.0 42.8#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.836 ug/L
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026086.D
 Acq: 28 Dec 2021 01:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 4082
 Ion Ratio Lower Upper
 105 100
 120 52.6 41.0 61.4

