

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039272.D
 Acq On : 16 Dec 2023 08:06
 Operator : JC/MD
 Sample : 05845-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:16:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

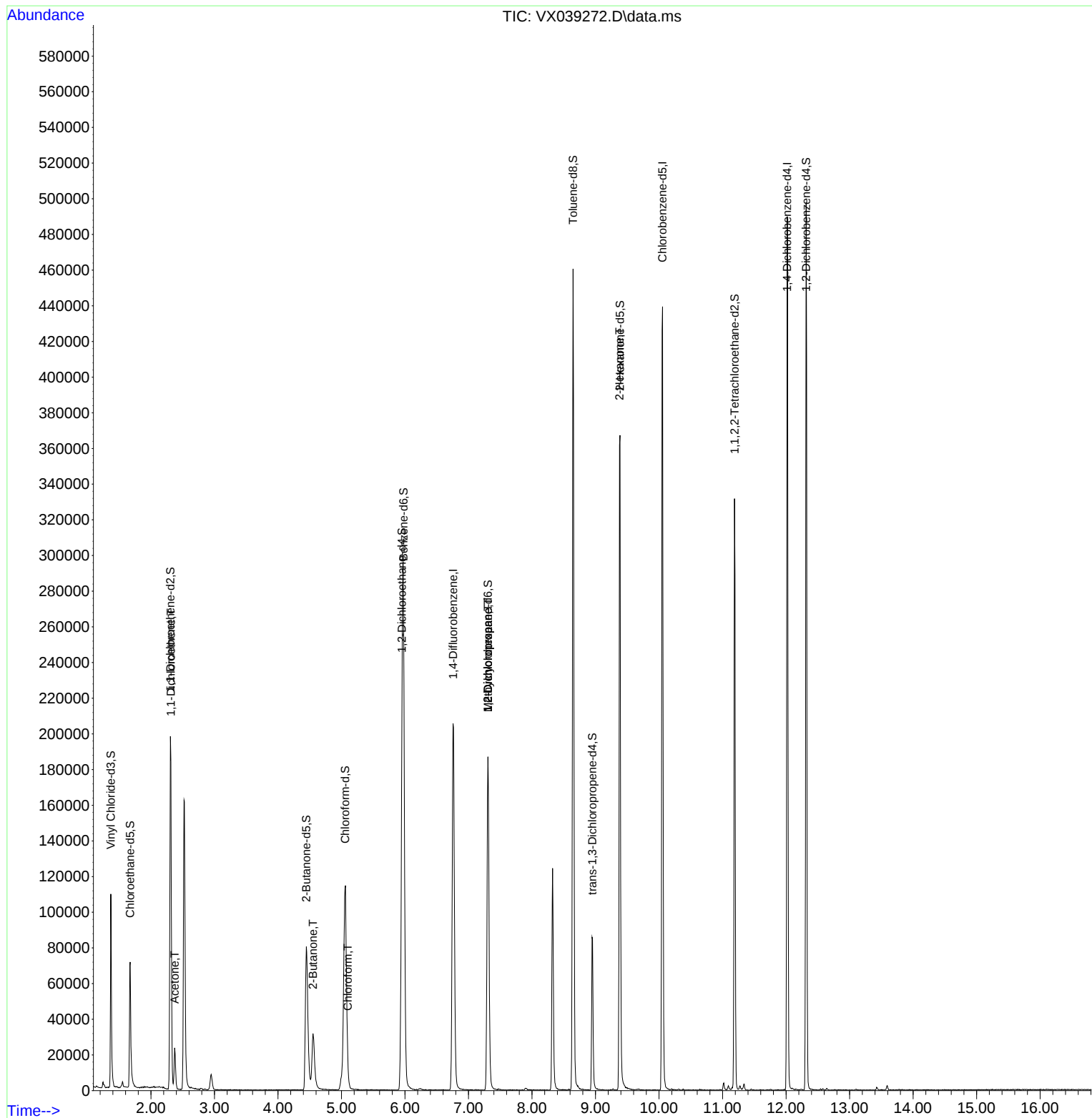
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	202567	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	91551	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71918	45.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.520%
7) Chloroethane-d5	1.672	69	54865	46.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	2.306	65	36449	52.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.520%
21) 2-Butanone-d5	4.446	46	142322	98.958	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.056	84	141137	50.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	5.952	65	100325	55.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.160%
32) Benzene-d6	5.976	84	293518	49.923	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	7.306	67	94250	49.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.620%
41) Toluene-d8	8.647	98	259469	48.698	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.952	79	40439	41.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.000%
47) 2-Hexanone-d5	9.384	63	101476	89.793	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.790%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128597	47.910	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	88257	51.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	1071	0.821	ug/L #	1
13) Acetone	2.373	43	23530	17.030	ug/L	95
22) 2-Butanone	4.550	43	56459	33.297	ug/L	100
25) Chloroform	5.099	83	5019	1.851	ug/L	88
35) Methylcyclohexane	7.306	83	21307	7.996	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	11024	6.566	ug/L #	89
48) 2-Hexanone	9.378	43	20984	8.909	ug/L #	60

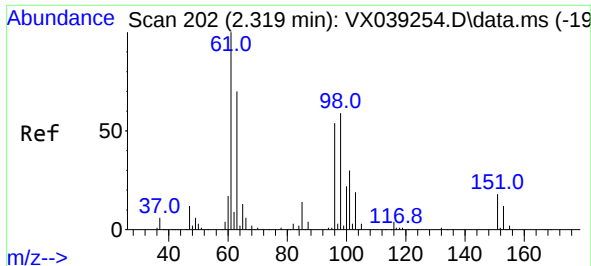
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 20:16:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.821 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039272.D

Acq: 16 Dec 2023 08:06

Instrument :

MSVOA_X

ClientSampleId :

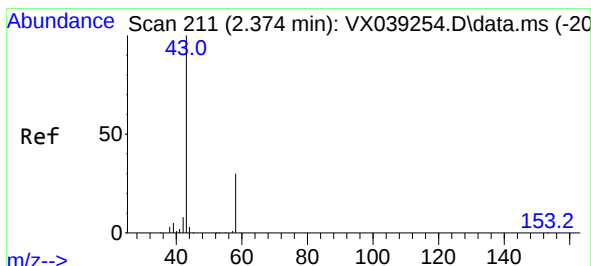
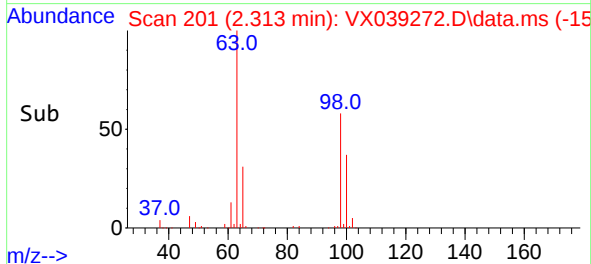
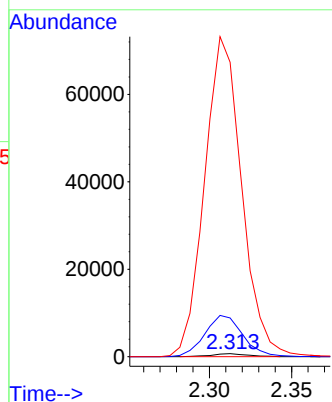
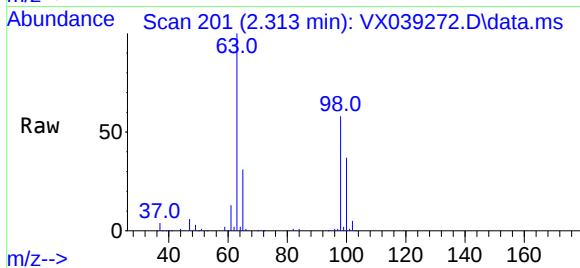
Tgt Ion: 96 Resp: 1071

Ion Ratio Lower Upper

96 100

61 1254.5 128.0 237.6#

63 9539.9 101.5 188.5#



#13

Acetone

Concen: 17.030 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039272.D

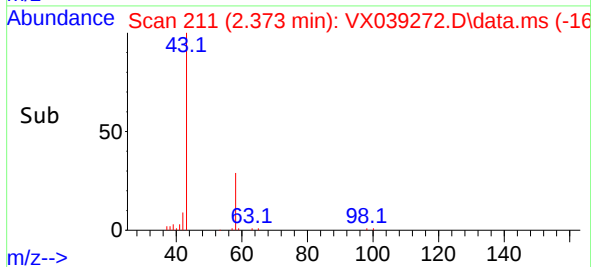
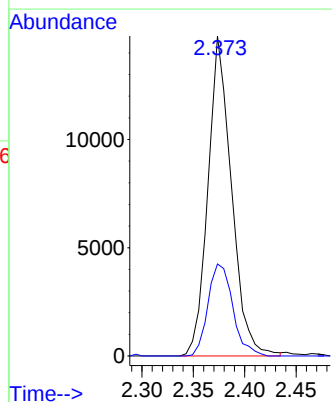
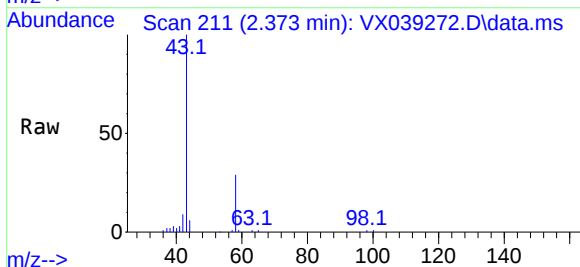
Acq: 16 Dec 2023 08:06

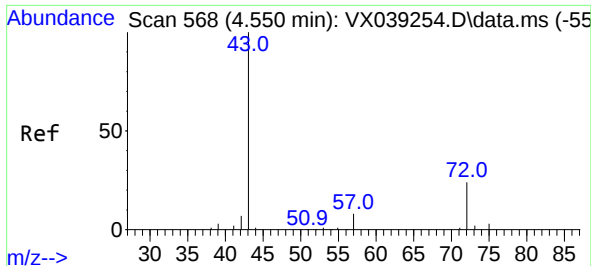
Tgt Ion: 43 Resp: 23530

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.8

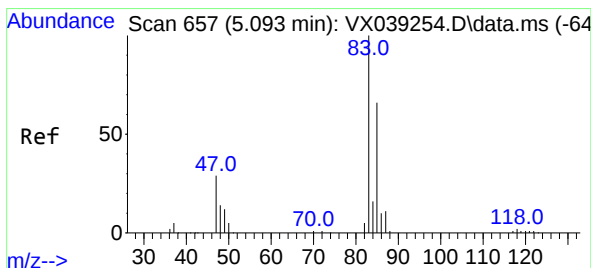
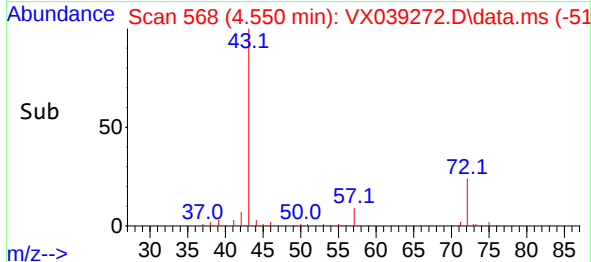
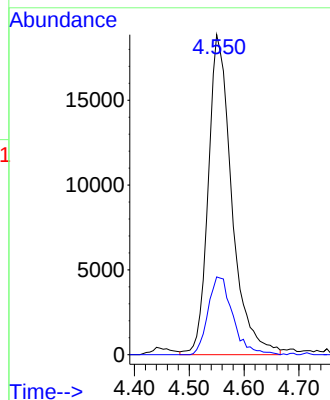
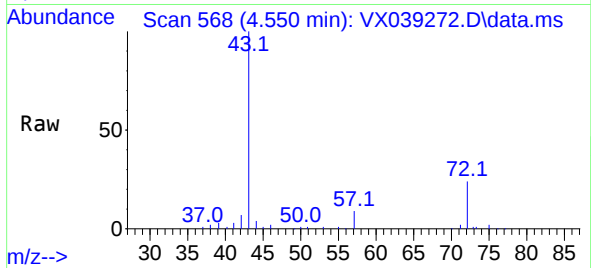




#22
2-Butanone
Concen: 33.297 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039272.D
Acq: 16 Dec 2023 08:06

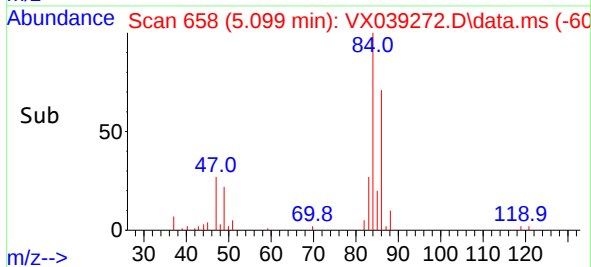
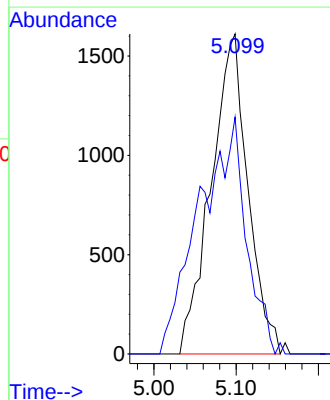
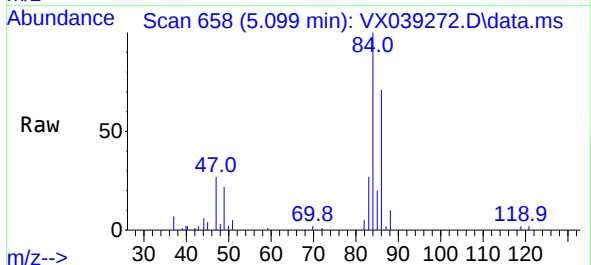
Instrument :
MSVOA_X
ClientSampleId :

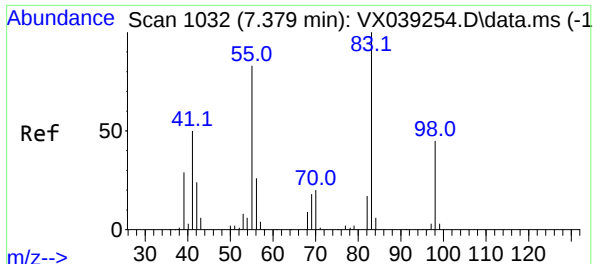
Tgt Ion: 43 Resp: 56459
Ion Ratio Lower Upper
43 100
72 25.2 12.6 37.6



#25
Chloroform
Concen: 1.851 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.018 min
Lab File: VX039272.D
Acq: 16 Dec 2023 08:06

Tgt Ion: 83 Resp: 5019
Ion Ratio Lower Upper
83 100
85 74.0 45.1 83.7





#35

Methylcyclohexane

Concen: 7.996 ug/L

RT: 7.306 min Scan# 10

Delta R.T. -0.067 min

Lab File: VX039272.D

Acq: 16 Dec 2023 08:06

Instrument :

MSVOA_X

ClientSampleId :

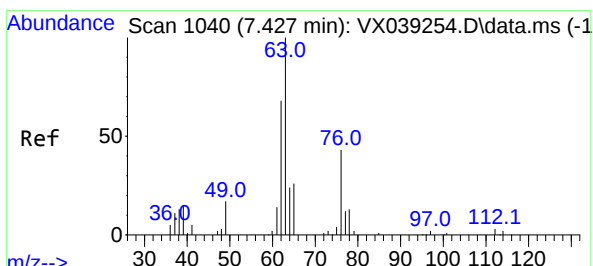
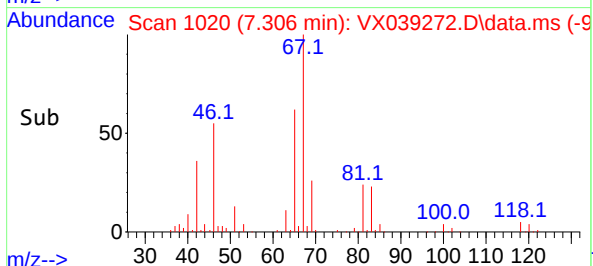
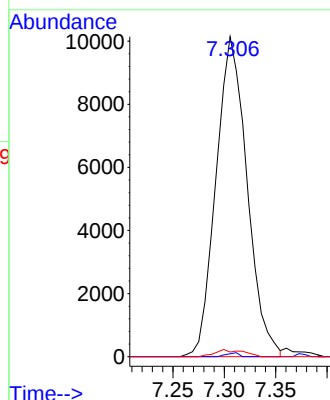
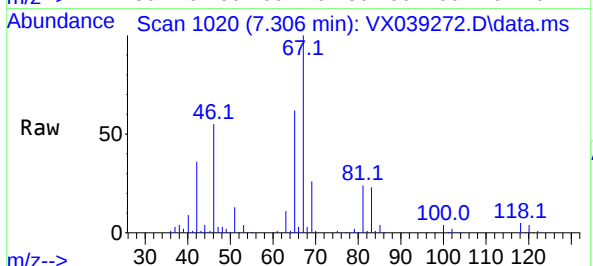
Tgt Ion: 83 Resp: 21307

Ion Ratio Lower Upper

83 100

55 0.5 62.5 93.7#

98 0.9 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 6.566 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039272.D

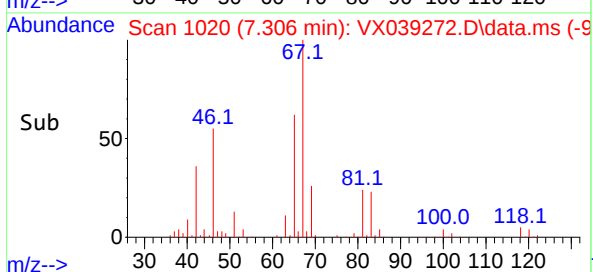
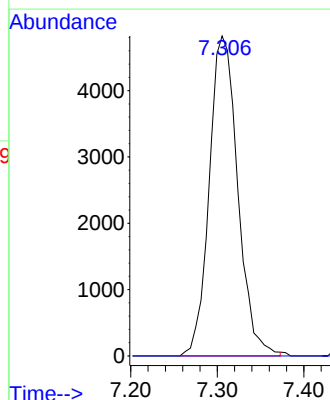
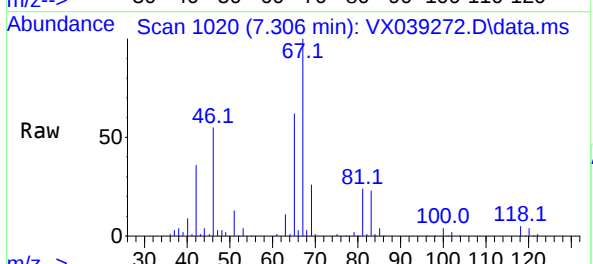
Acq: 16 Dec 2023 08:06

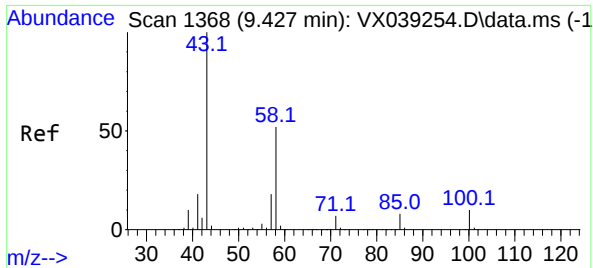
Tgt Ion: 63 Resp: 11024

Ion Ratio Lower Upper

63 100

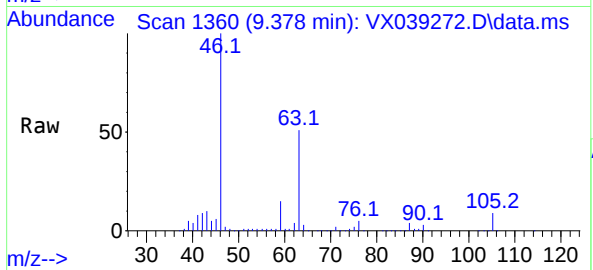
112 0.0 2.8 4.2#





#48
 2-Hexanone
 Concen: 8.909 ug/L
 RT: 9.378 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VX039272.D
 Acq: 16 Dec 2023 08:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 43 Resp: 20984

Ion	Ratio	Lower	Upper
43	100		
58	16.3	43.0	64.6#
57	13.7	14.6	21.8#
100	0.0	8.2	12.4#

