

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039141.D
 Acq On : 11 Dec 2023 14:13
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK625

Quant Time: Dec 12 03:54:15 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

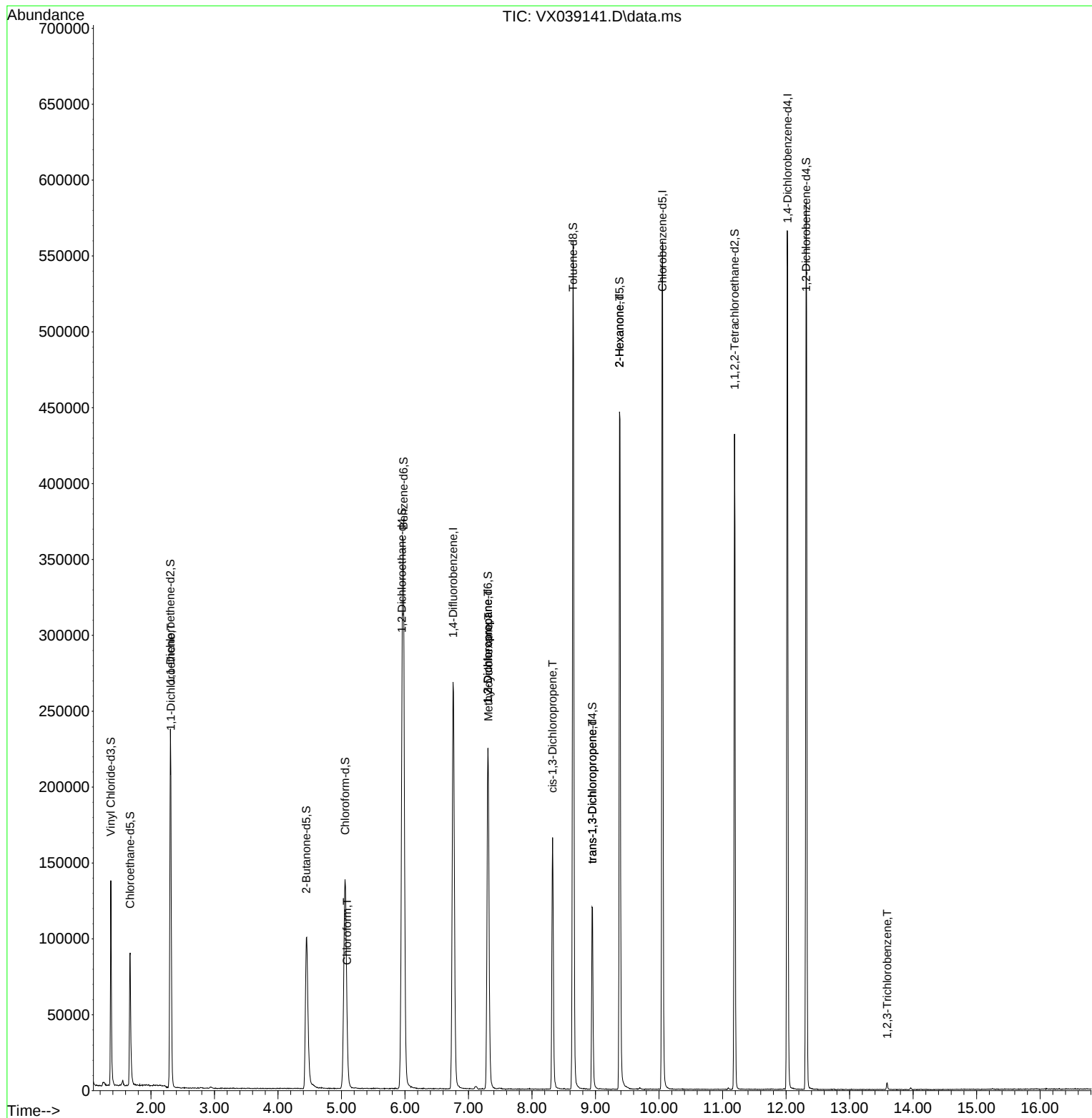
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	266331	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	243547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111004	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	86045	41.190	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.380%
7) Chloroethane-d5	1.672	69	64933	42.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.100%
11) 1,1-Dichloroethene-d2	2.306	65	42367	46.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.400%
21) 2-Butanone-d5	4.446	46	177561	93.902	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	5.056	84	173413	46.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.952	65	120893	50.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
32) Benzene-d6	5.976	84	364385	48.479	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	7.305	67	117232	48.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	8.647	98	321102	47.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	8.951	79	57739	46.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	9.378	63	131729	91.178	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	165255	48.159	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	109093	51.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.980%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	911	0.531	ug/L #	1
25) Chloroform	5.086	83	4997	1.402	ug/L	90
35) Methylcyclohexane	7.312	83	26871	7.888	ug/L #	19
37) 1,2-Dichloropropane	7.305	63	13209	6.154	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	4204	1.228	ug/L #	64
44) trans-1,3-Dichloropropene	8.951	75	2822	0.888	ug/L	95
48) 2-Hexanone	9.378	43	16969	5.636	ug/L #	67
72) 1,2,3-Trichlorobenzene	13.591	180	1171	0.559	ug/L	92

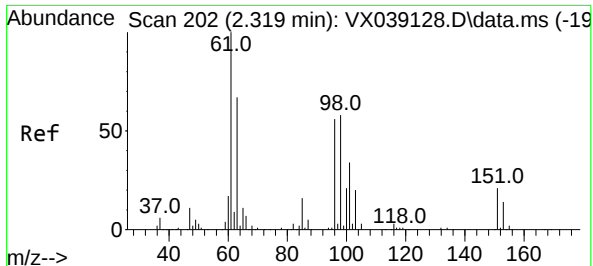
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 0.531 ug/L

RT: 2.312 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX039141.D

Acq: 11 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

VIBLK625

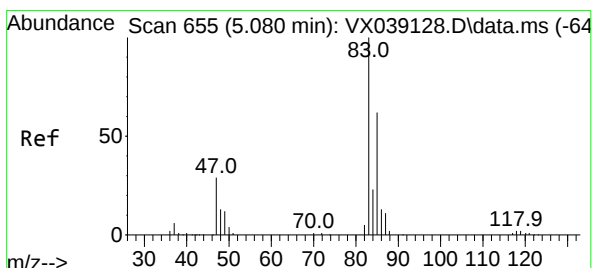
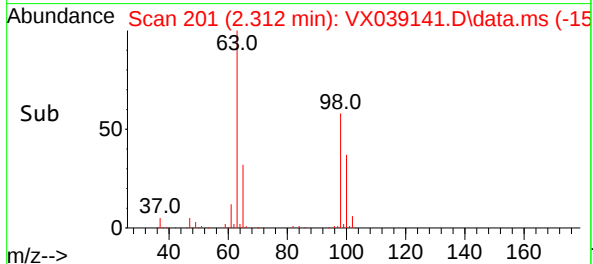
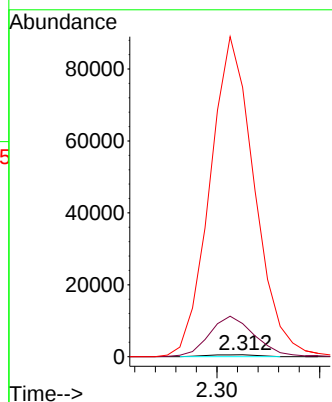
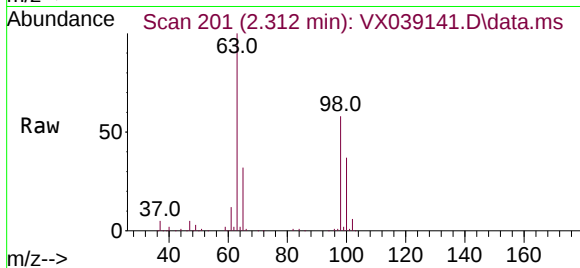
Tgt Ion: 96 Resp: 911

Ion Ratio Lower Upper

96 100

61 1778.8 128.0 237.6#

63 14443.2 101.5 188.5#



#25

Chloroform

Concen: 1.402 ug/L

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX039141.D

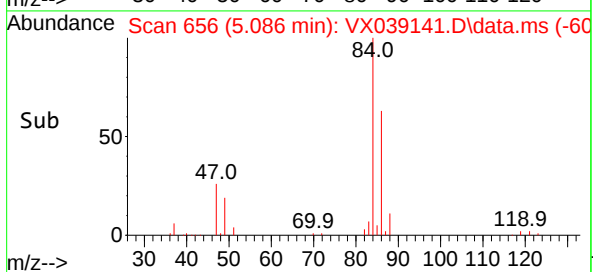
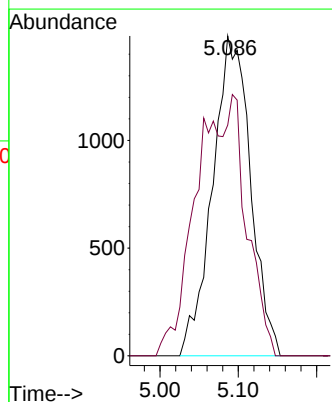
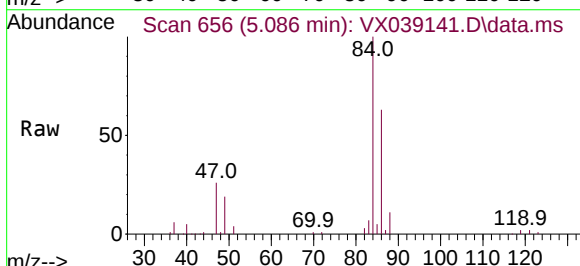
Acq: 11 Dec 2023 14:13

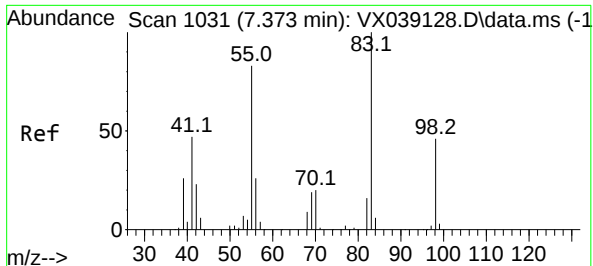
Tgt Ion: 83 Resp: 4997

Ion Ratio Lower Upper

83 100

85 72.1 45.1 83.7





#35

Methylcyclohexane

Concen: 7.888 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.061 min

Lab File: VX039141.D

Acq: 11 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

VIBLK625

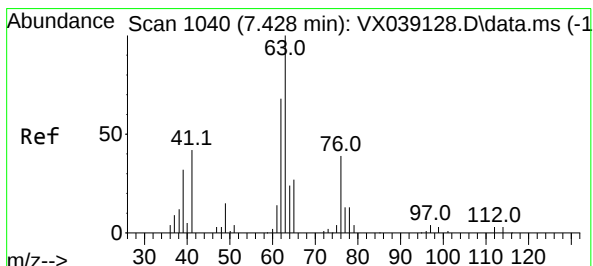
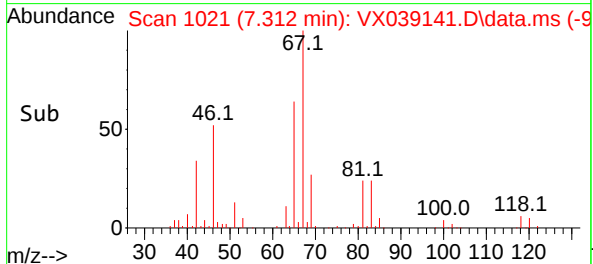
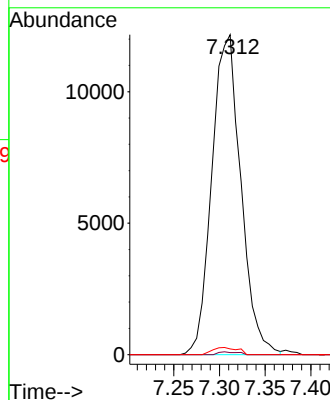
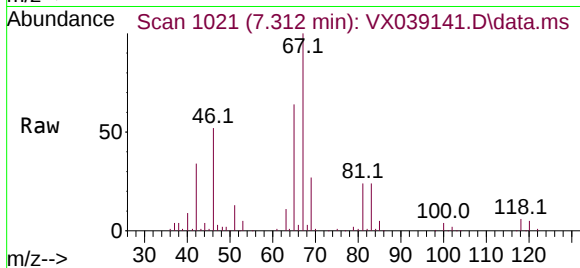
Tgt Ion: 83 Resp: 26871

Ion Ratio Lower Upper

83 100

55 0.5 62.5 93.7#

98 1.7 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 6.154 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039141.D

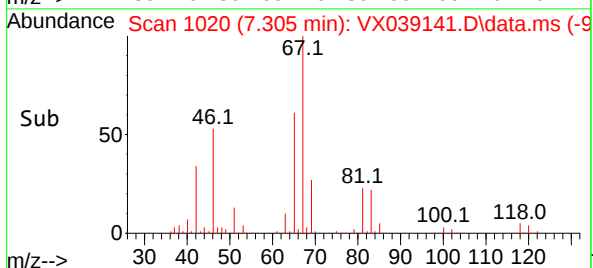
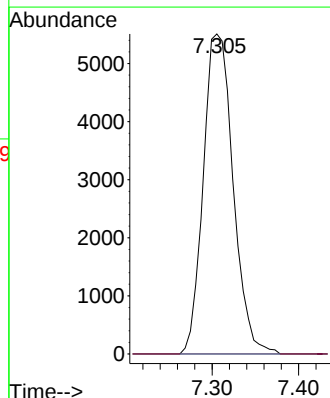
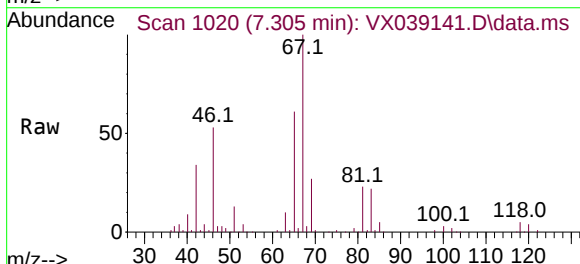
Acq: 11 Dec 2023 14:13

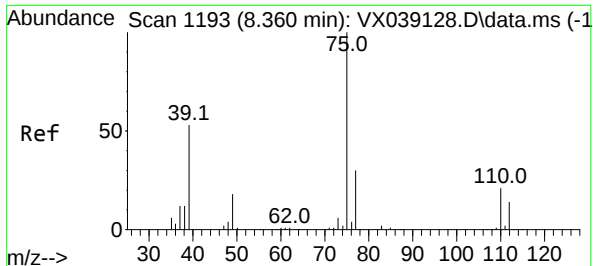
Tgt Ion: 63 Resp: 13209

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.228 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039141.D

Acq: 11 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

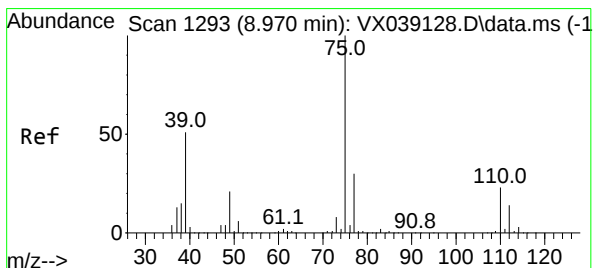
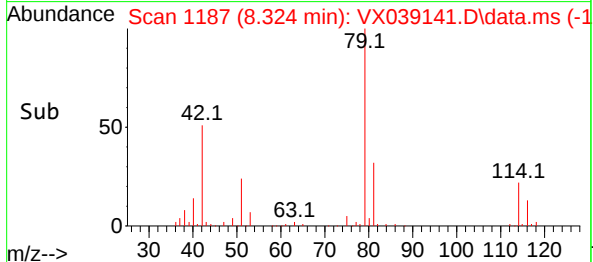
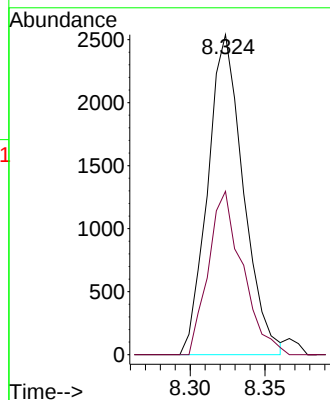
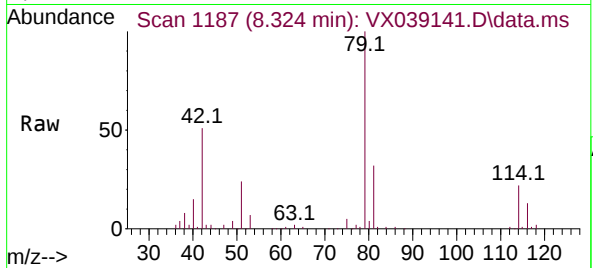
VIBLK625

Tgt Ion: 75 Resp: 4204

Ion Ratio Lower Upper

75 100

77 51.0 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.888 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.019 min

Lab File: VX039141.D

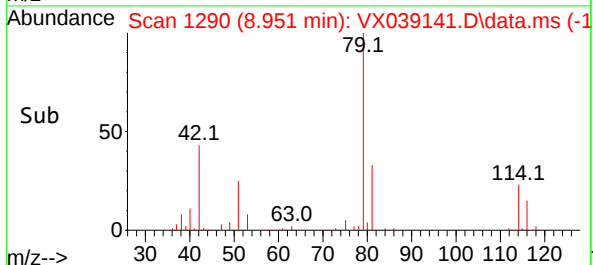
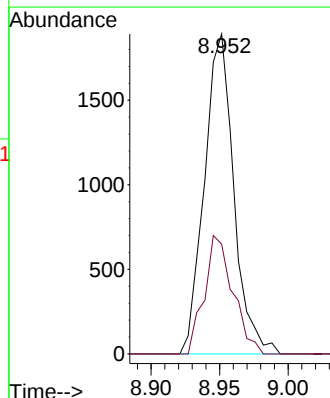
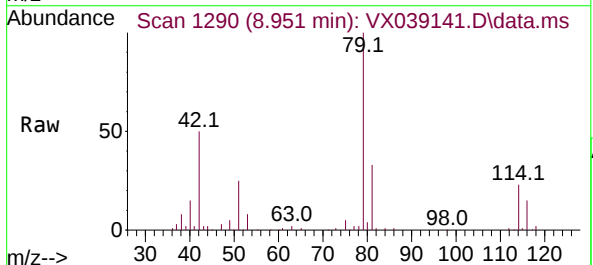
Acq: 11 Dec 2023 14:13

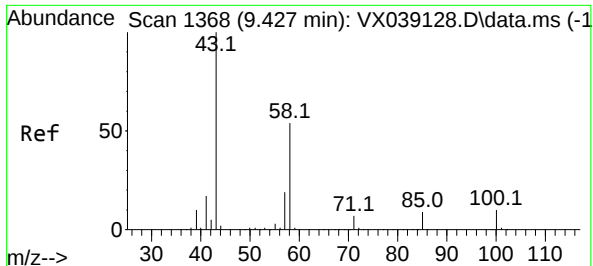
Tgt Ion: 75 Resp: 2822

Ion Ratio Lower Upper

75 100

77 34.4 22.0 40.8





#48

2-Hexanone

Concen: 5.636 ug/L

RT: 9.378 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX039141.D

Acq: 11 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

VIBLK625

Tgt Ion: 43 Resp: 16969

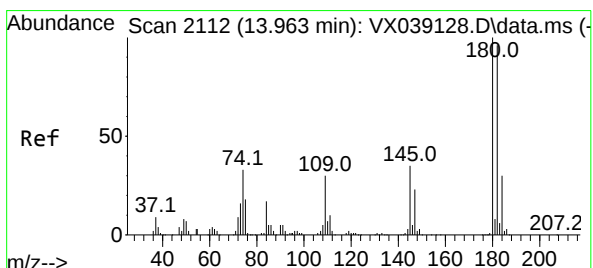
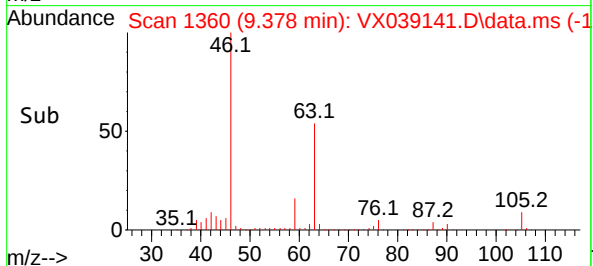
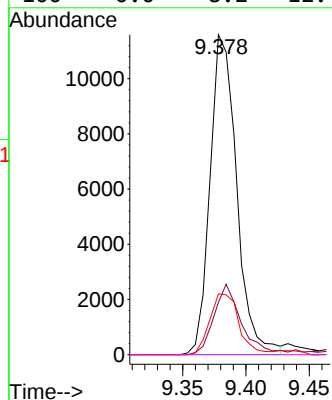
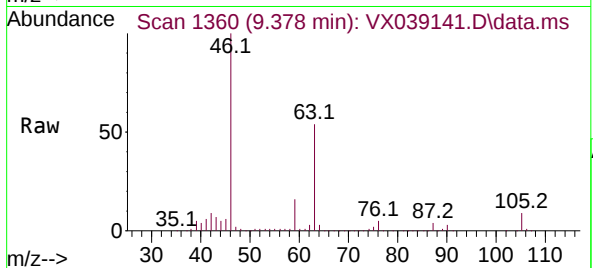
Ion Ratio Lower Upper

43 100

58 22.7 43.0 64.6#

57 21.0 14.6 21.8

100 0.0 8.2 12.4#



#72

1,2,3-Trichlorobenzene

Concen: 0.559 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.372 min

Lab File: VX039141.D

Acq: 11 Dec 2023 14:13

Tgt Ion: 180 Resp: 1171

Ion Ratio Lower Upper

180 100

182 103.9 75.9 113.9

145 38.5 28.6 42.8

