

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039409.D
 Acq On : 20 Dec 2023 18:07
 Operator : JC/MD
 Sample : 05808-03
 Misc : 2.59g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:27:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

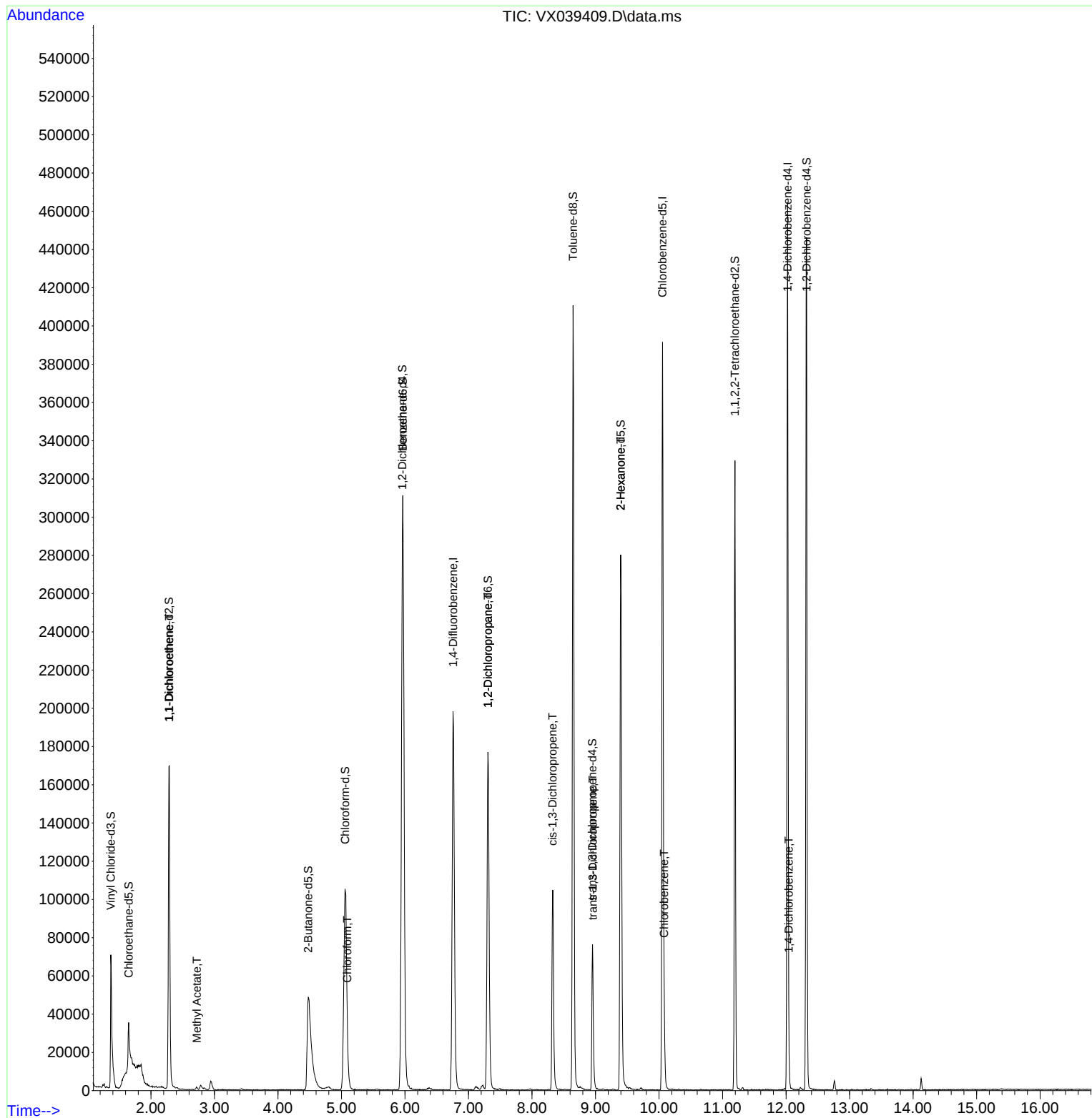
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	195864	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67901	44.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.400%
7) Chloroethane-d5	1.648	69	26582	23.410	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.820%#
11) 1,1-Dichloroethene-d2	2.282	65	32933	48.836	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.680%
21) 2-Butanone-d5	4.477	46	139831	100.554	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.550%
24) Chloroform-d	5.056	84	134802	49.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
26) 1,2-Dichloroethane-d4	5.958	65	100090	56.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.660%
32) Benzene-d6	5.964	84	284694	53.129	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
36) 1,2-Dichloropropane-d6	7.306	67	92260	53.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	8.647	98	244918	50.435	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.880%
43) trans-1,3-Dichloroprop...	8.952	79	37496	42.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.460%
47) 2-Hexanone-d5	9.397	63	100304	97.384	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.380%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	122085	49.905	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	84053	53.909	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.820%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.288	96	830	0.658	ug/L #	1
15) Methyl Acetate	2.721	43	1702	0.891	ug/L #	85
25) Chloroform	5.092	83	4283	1.634	ug/L	90
37) 1,2-Dichloropropane	7.306	63	10805	7.061	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3025	1.239	ug/L #	68
44) trans-1,3-Dichloropropene	8.958	75	2041	0.901	ug/L	98
48) 2-Hexanone	9.397	43	13463	6.272	ug/L #	69
51) Chlorobenzene	10.079	112	13563	3.753	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	3159	1.208	ug/L	81

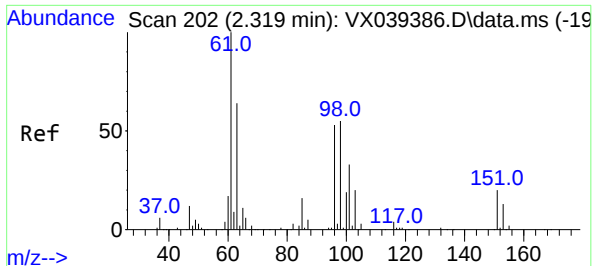
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.658 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

Lab File: VX039409.D

Acq: 20 Dec 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

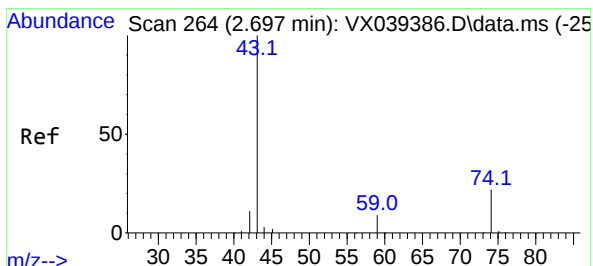
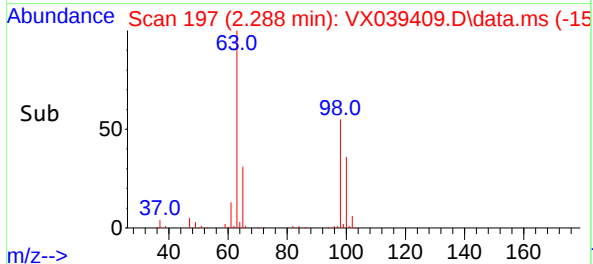
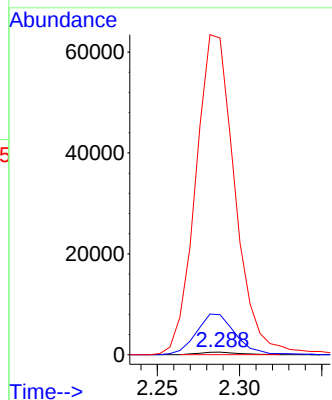
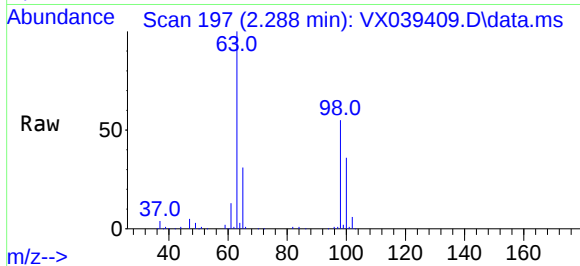
Tgt Ion: 96 Resp: 830

Ion Ratio Lower Upper

96 100

61 1566.3 128.0 237.6#

63 12385.0 101.5 188.5#



#15

Methyl Acetate

Concen: 0.891 ug/L

RT: 2.721 min Scan# 268

Delta R.T. 0.024 min

Lab File: VX039409.D

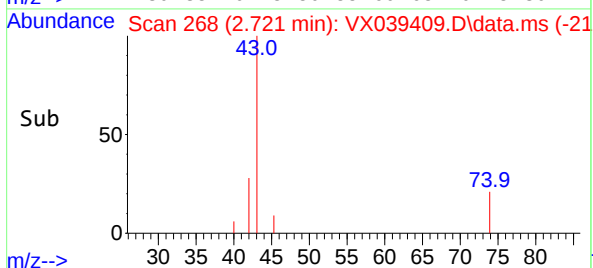
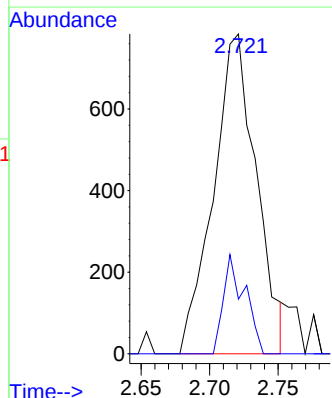
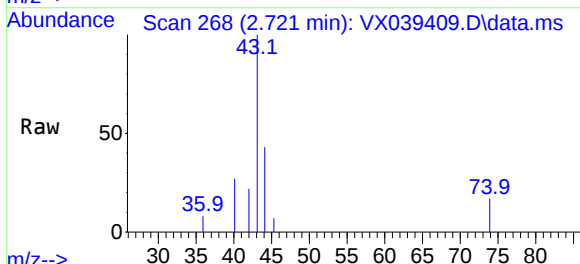
Acq: 20 Dec 2023 18:07

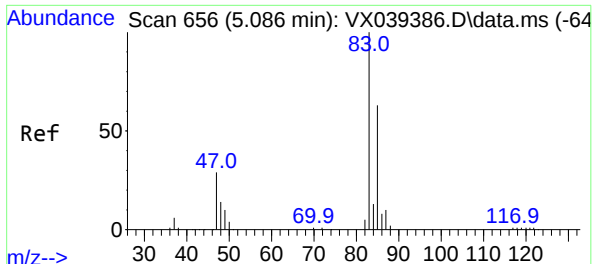
Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

74 15.5 18.2 27.4#





#25

Chloroform

Concen: 1.634 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039409.D

Acq: 20 Dec 2023 18:07

Instrument :

MSVOA_X

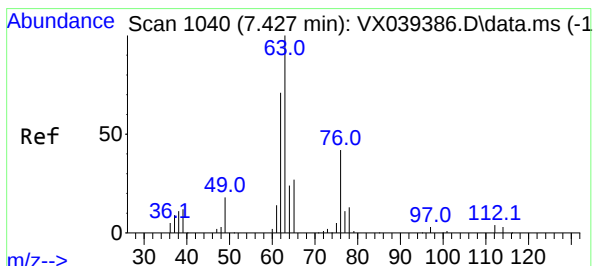
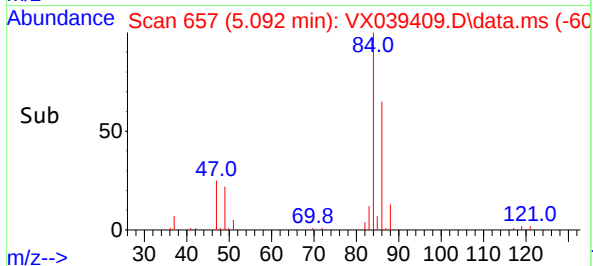
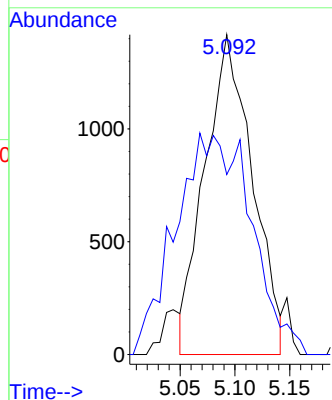
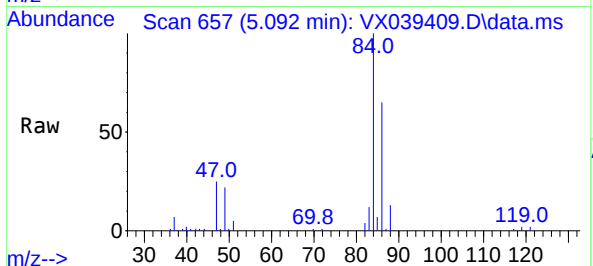
ClientSampleId :

Tgt Ion: 83 Resp: 4283

Ion Ratio Lower Upper

83 100

85 56.3 45.1 83.7



#37

1,2-Dichloropropane

Concen: 7.061 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039409.D

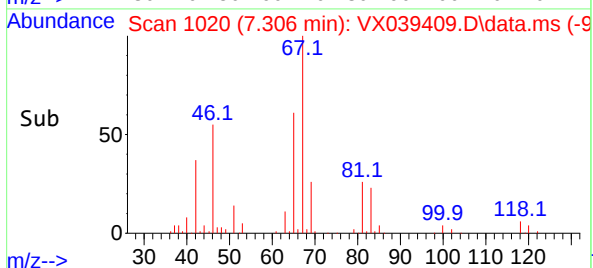
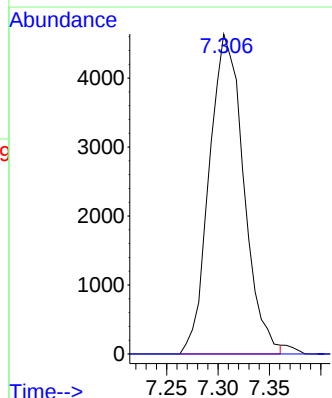
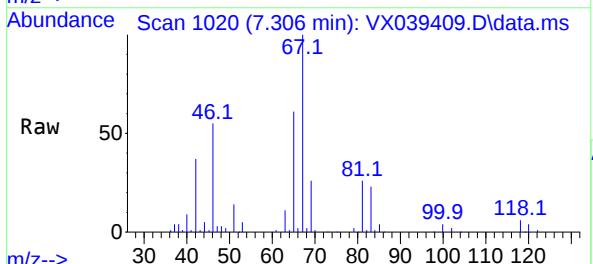
Acq: 20 Dec 2023 18:07

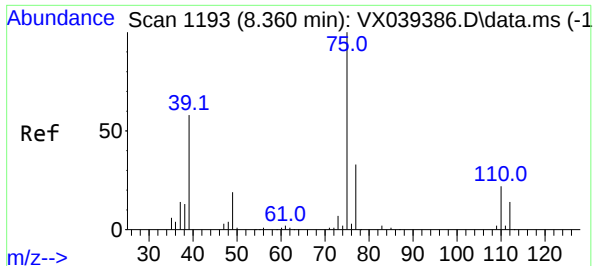
Tgt Ion: 63 Resp: 10805

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.239 ug/L

RT: 8.324 min Scan# 1193

Delta R.T. -0.043 min

Lab File: VX039409.D

Acq: 20 Dec 2023 18:07

Instrument :

MSVOA_X

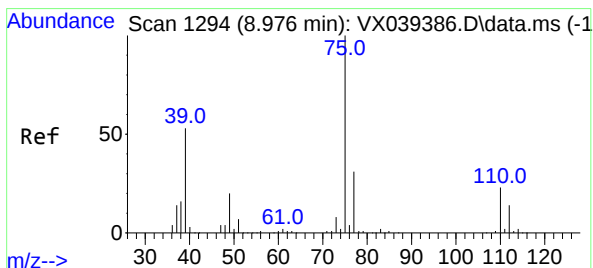
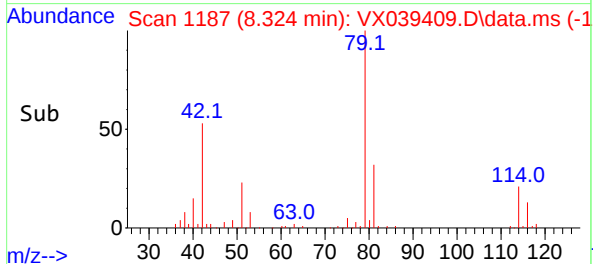
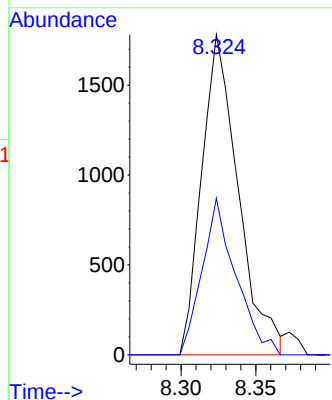
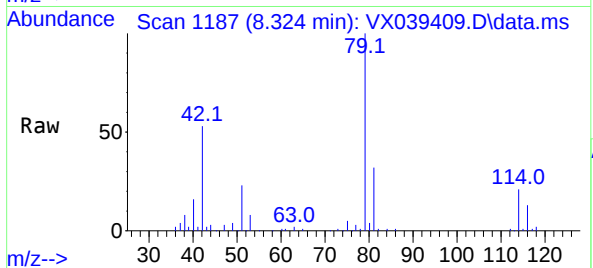
ClientSampleId :

Tgt Ion: 75 Resp: 3025

Ion Ratio Lower Upper

75 100

77 48.9 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.018 min

Lab File: VX039409.D

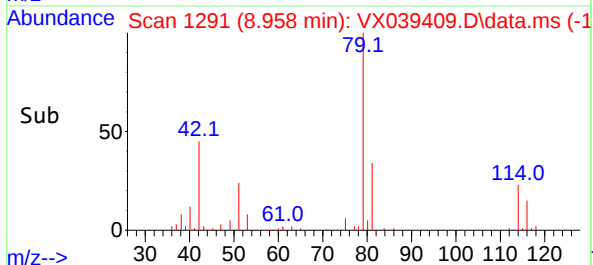
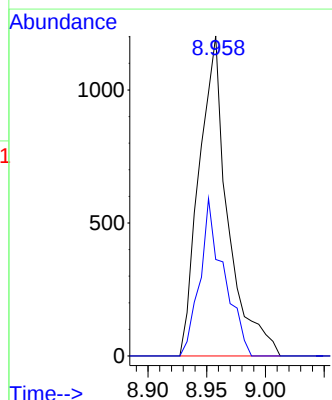
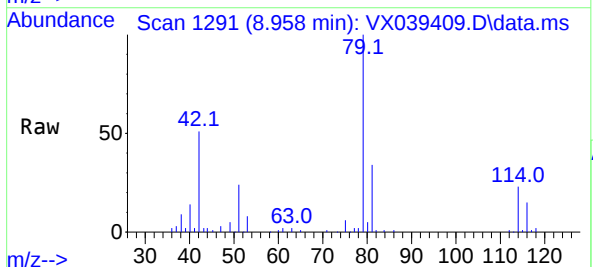
Acq: 20 Dec 2023 18:07

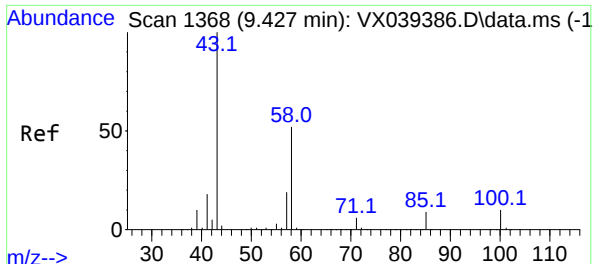
Tgt Ion: 75 Resp: 2041

Ion Ratio Lower Upper

75 100

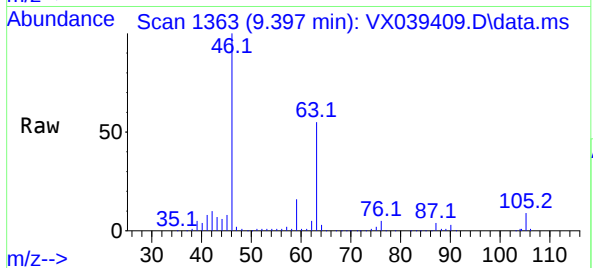
77 30.2 22.0 40.8



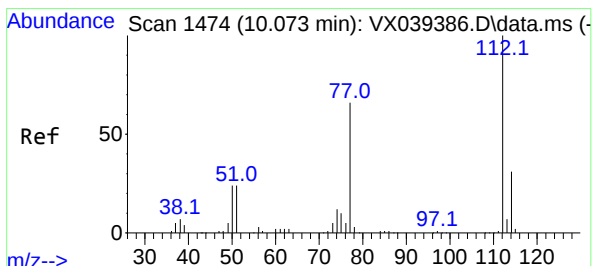
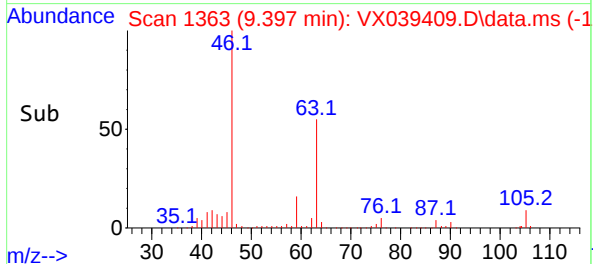
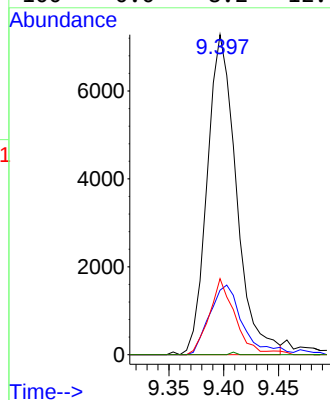


#48
2-Hexanone
Concen: 6.272 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.030 min
Lab File: VX039409.D
Acq: 20 Dec 2023 18:07

Instrument :
MSVOA_X
ClientSampleId :

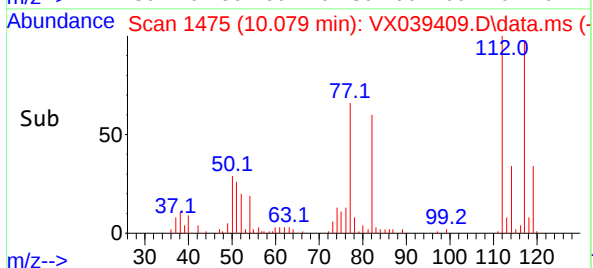
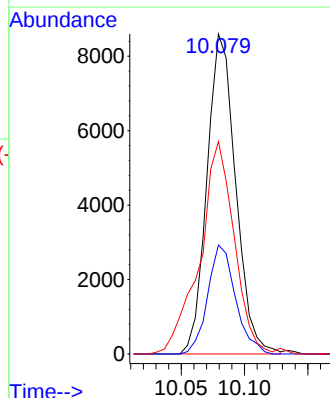
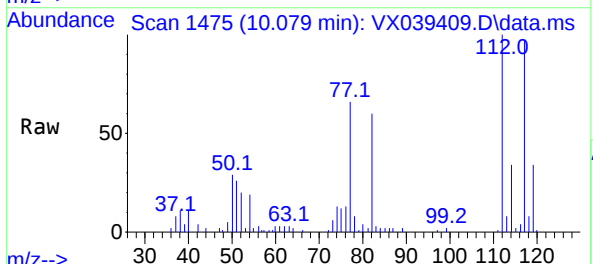


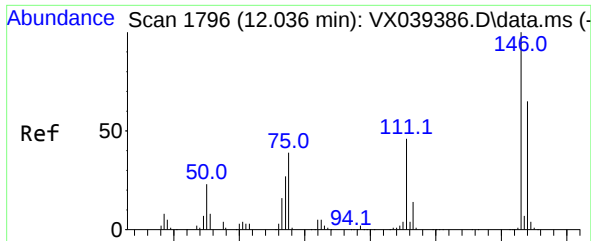
Tgt Ion: 43	Resp: 13463
Ion Ratio	Lower Upper
43 100	
58 24.8	43.0 64.6#
57 20.8	14.6 21.8
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 3.753 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039409.D
Acq: 20 Dec 2023 18:07

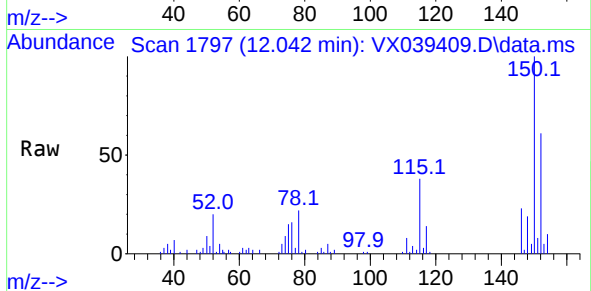
Tgt Ion:112	Resp:	13563	
Ion	Ratio	Lower	Upper
112	100		
114	34.1	21.8	40.4
77	66.4	49.0	73.6





#65
 1,4-Dichlorobenzene
 Concen: 1.208 ug/L
 RT: 12.042 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039409.D
 Acq: 20 Dec 2023 18:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:146 Resp: 3159

Ion	Ratio	Lower	Upper
146	100		
111	34.4	29.7	55.1
148	84.3	45.8	85.2

