

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039389.D
 Acq On : 20 Dec 2023 10:09
 Operator : JC/MD
 Sample : 05807-05
 Misc : 2.55g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:24:22 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)

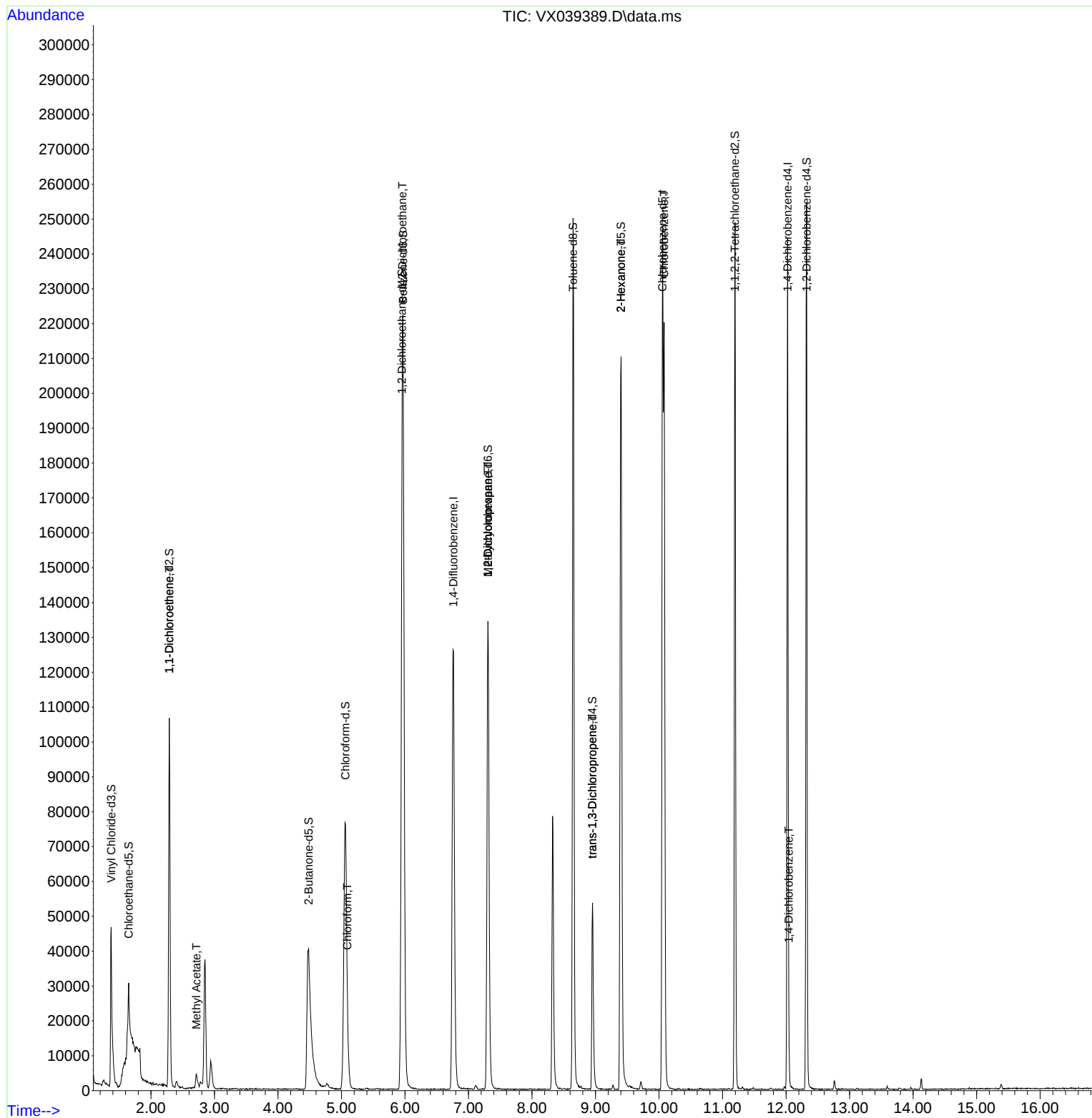
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	128180	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	106108	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44058	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	46657	46.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.820%
7) Chloroethane-d5	1.648	69	21193	28.519	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.040%#
11) 1,1-Dichloroethene-d2	2.288	65	19645	44.514	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
21) 2-Butanone-d5	4.482	46	111053	122.028	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.030%
24) Chloroform-d	5.062	84	98843	55.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.080%
26) 1,2-Dichloroethane-d4	5.952	65	82986	71.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.000%#
32) Benzene-d6	5.970	84	199215	60.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.660%
36) 1,2-Dichloropropane-d6	7.305	67	70923	67.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.600%#
41) Toluene-d8	8.646	98	148314	49.977	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.960%
43) trans-1,3-Dichloroprop...	8.951	79	27900	52.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.040%
47) 2-Hexanone-d5	9.402	63	80247	127.490	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.490%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	98795	66.083	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.160%#
66) 1,2-Dichlorobenzene-d4	12.323	152	46570	55.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.840%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.288	96	684	0.828	ug/L #	1
15) Methyl Acetate	2.715	43	5975	4.781	ug/L	93
25) Chloroform	5.092	83	8043	4.687	ug/L	92
27) 1,2-Dichloroethane	5.958	62	1345	0.993	ug/L #	73
35) Methylcyclohexane	7.305	83	16044	10.810	ug/L #	19
37) 1,2-Dichloropropane	7.305	63	8212	8.781	ug/L #	89
44) trans-1,3-Dichloropropene	8.951	75	1618	1.169	ug/L	83
48) 2-Hexanone	9.402	43	10816	8.245	ug/L #	58
51) Chlorobenzene	10.079	112	90334	40.898	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	1822	1.305	ug/L	82

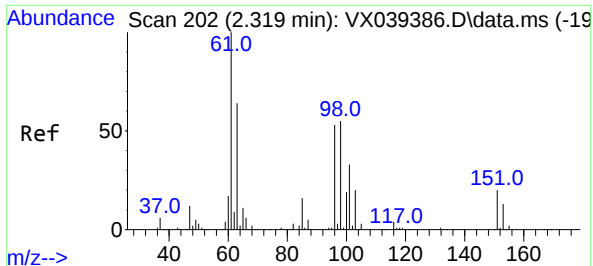
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 00:24:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
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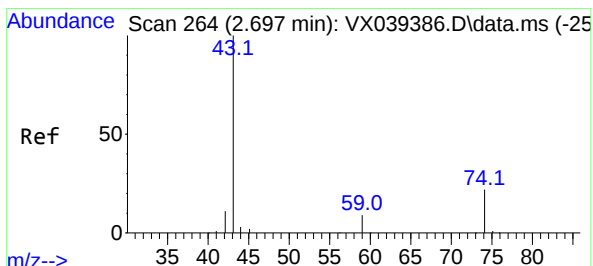
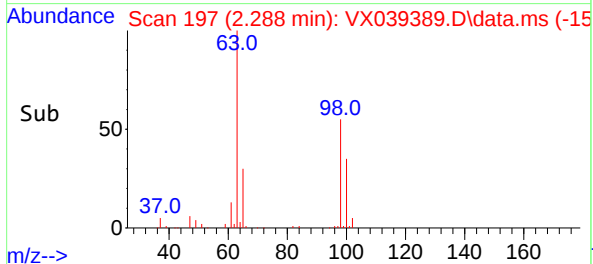
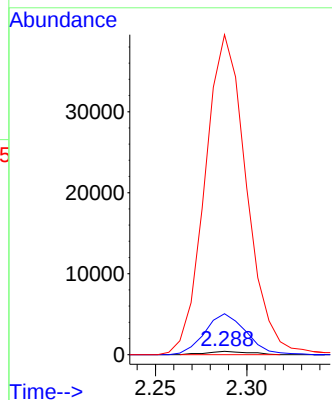
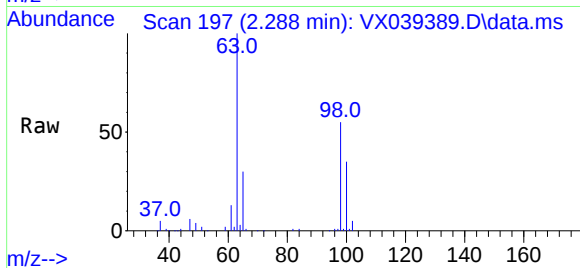




#12
1,1-Dichloroethene
Concen: 0.828 ug/L
RT: 2.288 min Scan# 19
Delta R.T. -0.031 min
Lab File: VX039389.D
Acq: 20 Dec 2023 10:09

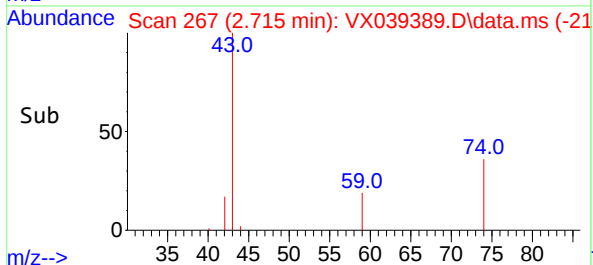
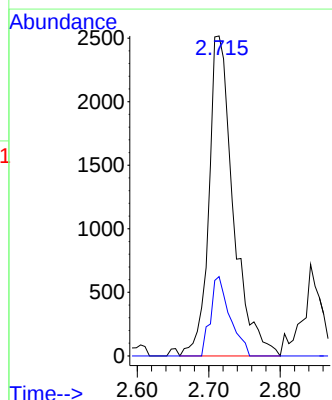
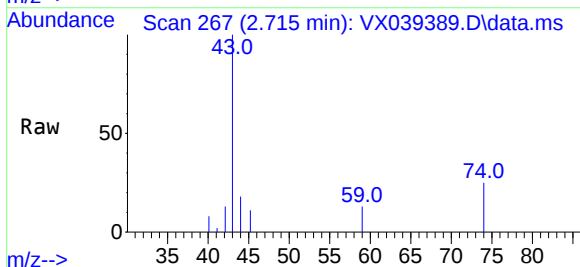
Instrument :
MSVOA_X
ClientSampleId :

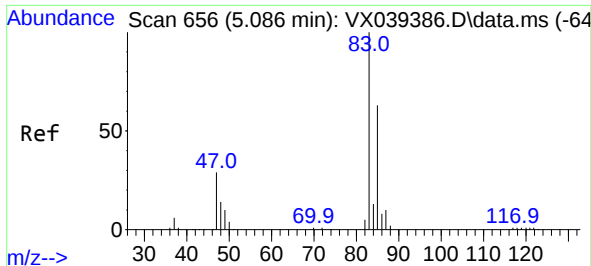
Tgt Ion: 96 Resp: 684
Ion Ratio Lower Upper
96 100
61 1193.6 128.0 237.6#
63 9318.9 101.5 188.5#



#15
Methyl Acetate
Concen: 4.781 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX039389.D
Acq: 20 Dec 2023 10:09

Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
74 19.6 18.2 27.4





#25

Chloroform

Concen: 4.687 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX039389.D

Acq: 20 Dec 2023 10:09

Instrument :

MSVOA_X

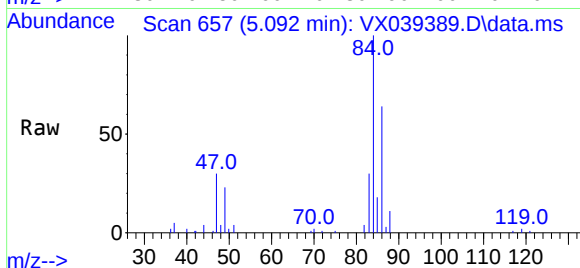
ClientSampleId :

Tgt Ion: 83 Resp: 8043

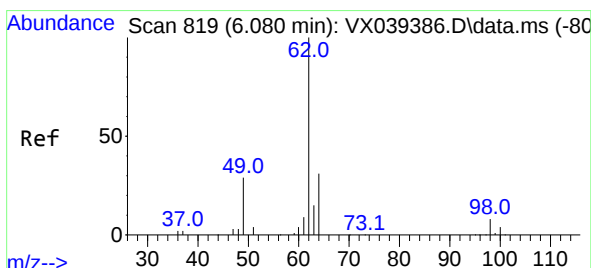
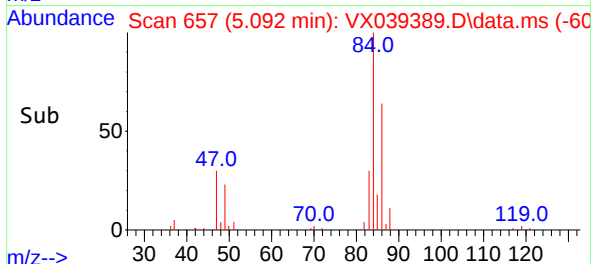
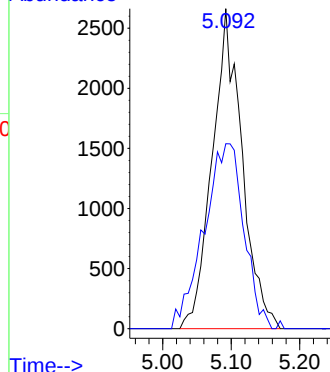
Ion Ratio Lower Upper

83 100

85 57.8 45.1 83.7



Abundance



#27

1,2-Dichloroethane

Concen: 0.993 ug/L

RT: 5.958 min Scan# 799

Delta R.T. -0.128 min

Lab File: VX039389.D

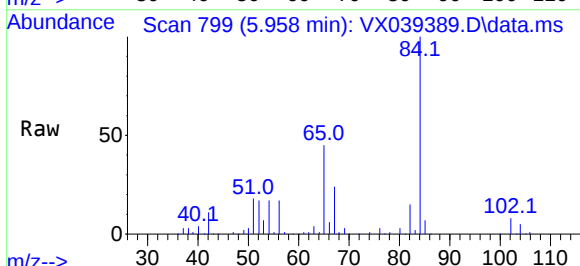
Acq: 20 Dec 2023 10:09

Tgt Ion: 62 Resp: 1345

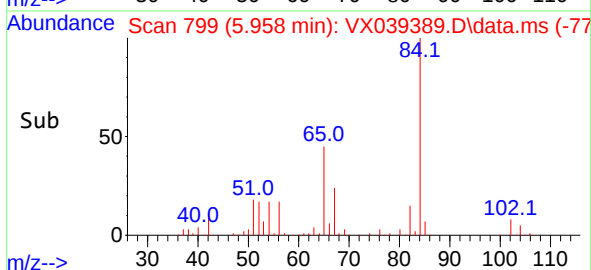
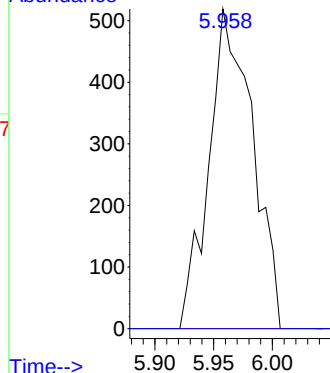
Ion Ratio Lower Upper

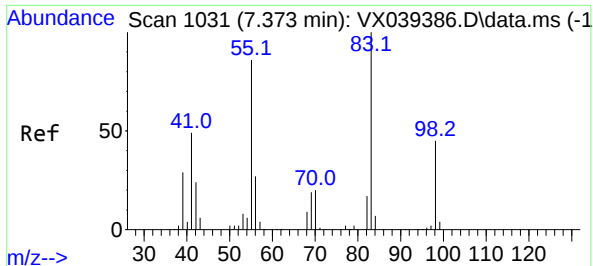
62 100

98 0.0 8.0 12.0#



Abundance





#35

Methylcyclohexane

Concen: 10.810 ug/L

RT: 7.305 min Scan# 10

Delta R.T. -0.073 min

Lab File: VX039389.D

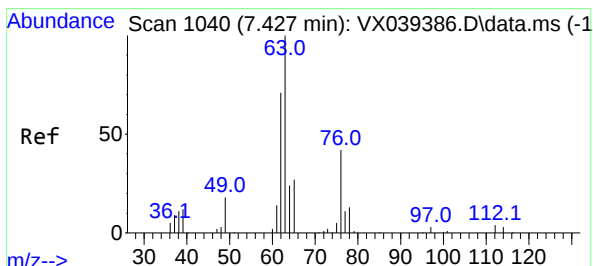
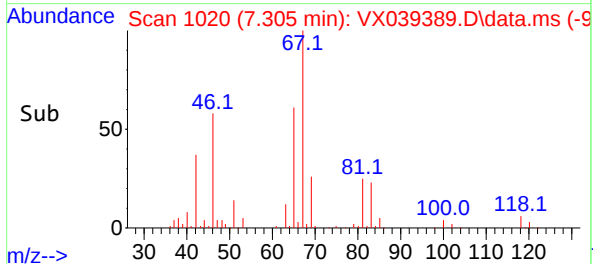
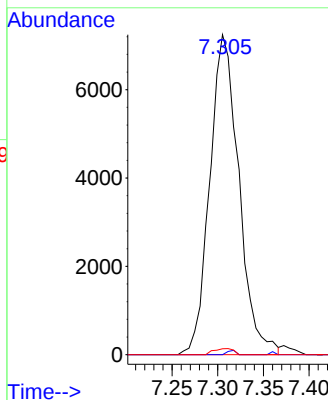
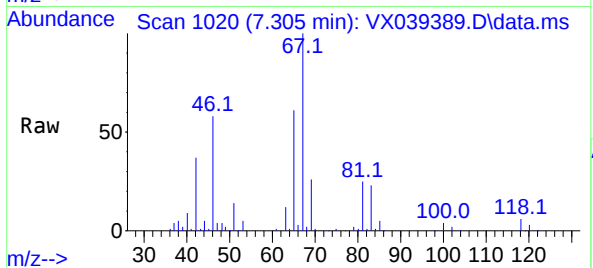
Acq: 20 Dec 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 16044
Ion Ratio	Lower Upper
83 100	
55 0.4	62.5 93.7#
98 1.3	36.1 54.1#



#37

1,2-Dichloropropane

Concen: 8.781 ug/L

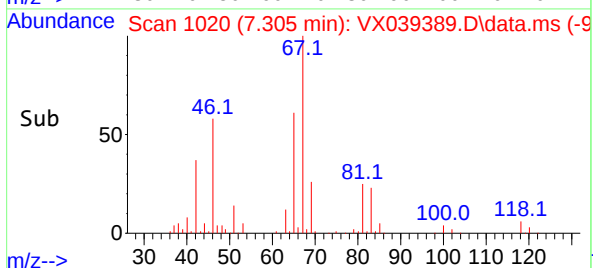
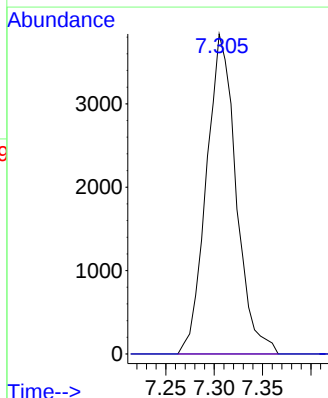
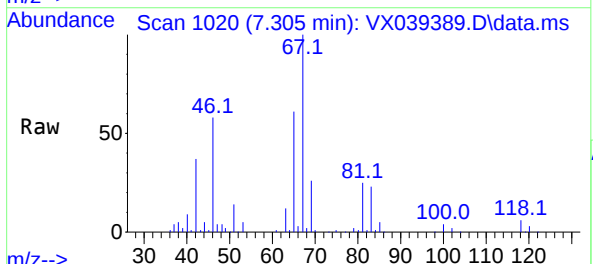
RT: 7.305 min Scan# 1020

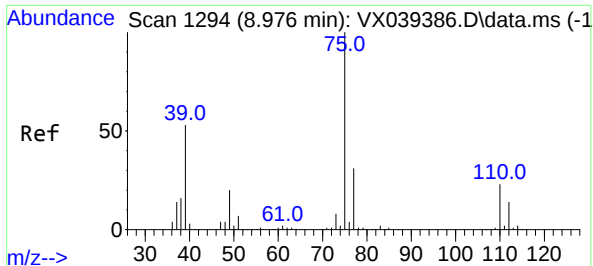
Delta R.T. -0.122 min

Lab File: VX039389.D

Acq: 20 Dec 2023 10:09

Tgt Ion: 63	Resp: 8212
Ion Ratio	Lower Upper
63 100	
112 0.0	2.8 4.2#

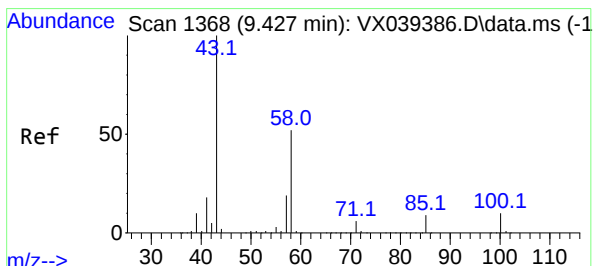
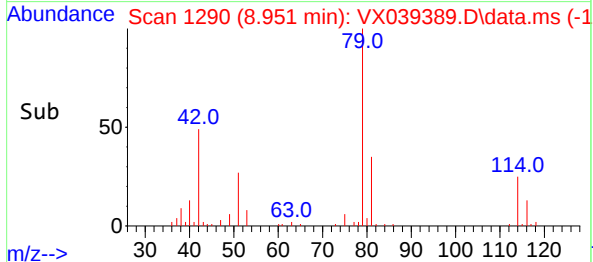
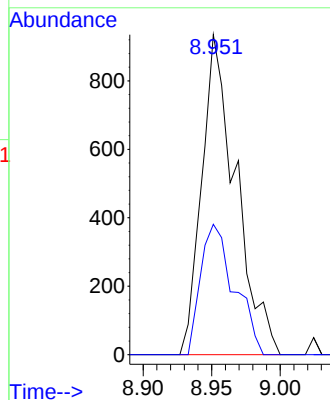
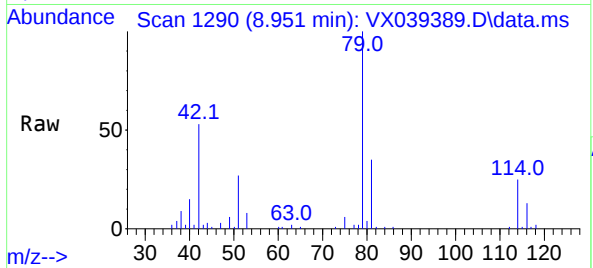




#44
trans-1,3-Dichloropropene
Concen: 1.169 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039389.D
Acq: 20 Dec 2023 10:09

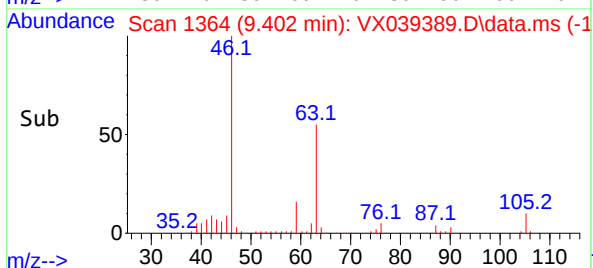
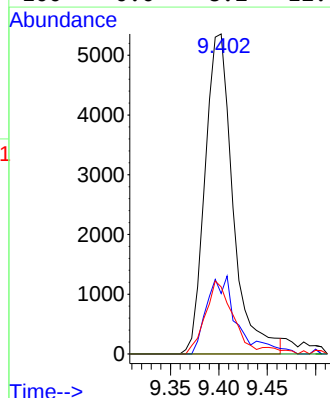
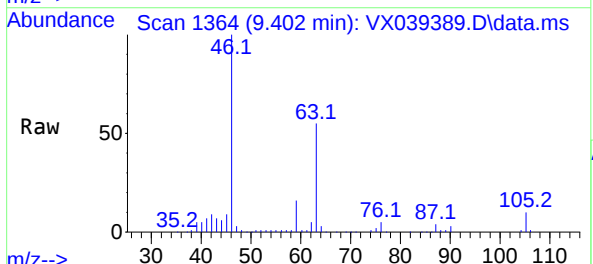
Instrument :
MSVOA_X
ClientSampleId :

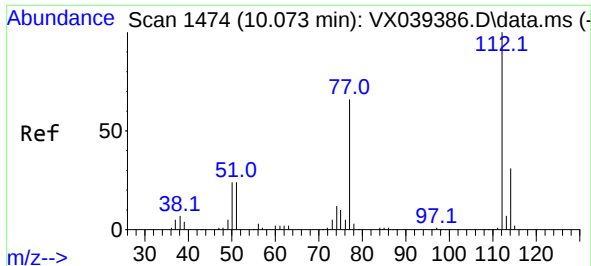
Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
77 40.7 22.0 40.8



#48
2-Hexanone
Concen: 8.245 ug/L
RT: 9.402 min Scan# 1364
Delta R.T. -0.025 min
Lab File: VX039389.D
Acq: 20 Dec 2023 10:09

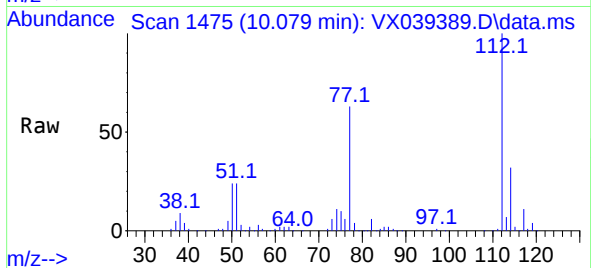
Tgt Ion: 43 Resp: 10816
Ion Ratio Lower Upper
43 100
58 13.8 43.0 64.6#
57 22.1 14.6 21.8#
100 0.0 8.2 12.4#



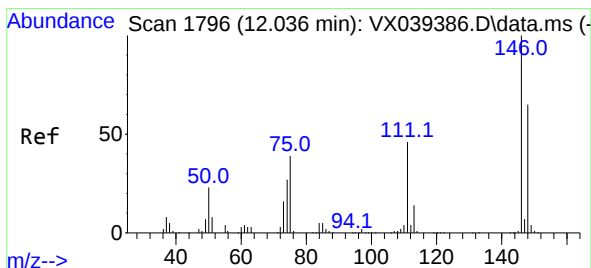
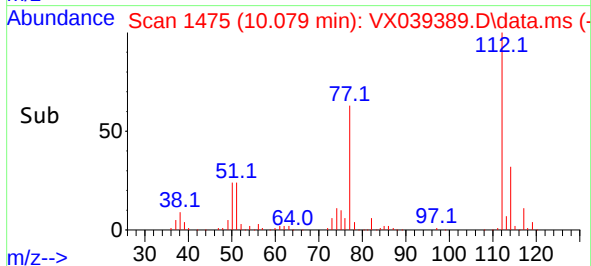
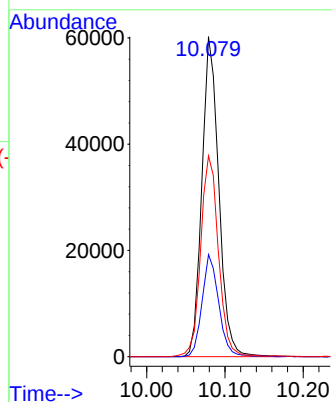


#51
Chlorobenzene
Concen: 40.898 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX039389.D
Acq: 20 Dec 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:112 Resp: 90334
Ion Ratio Lower Upper
112 100
114 31.9 21.8 40.4
77 62.7 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 1.305 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039389.D
Acq: 20 Dec 2023 10:09

Tgt Ion:146 Resp: 1822
Ion Ratio Lower Upper
146 100
111 53.0 29.7 55.1
148 50.1 45.8 85.2

