

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039119.D
 Acq On : 08 Dec 2023 20:45
 Operator : JC/MD
 Sample : 05646-15 40X
 Misc : 1.75g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS2

Quant Time: Dec 09 03:44:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

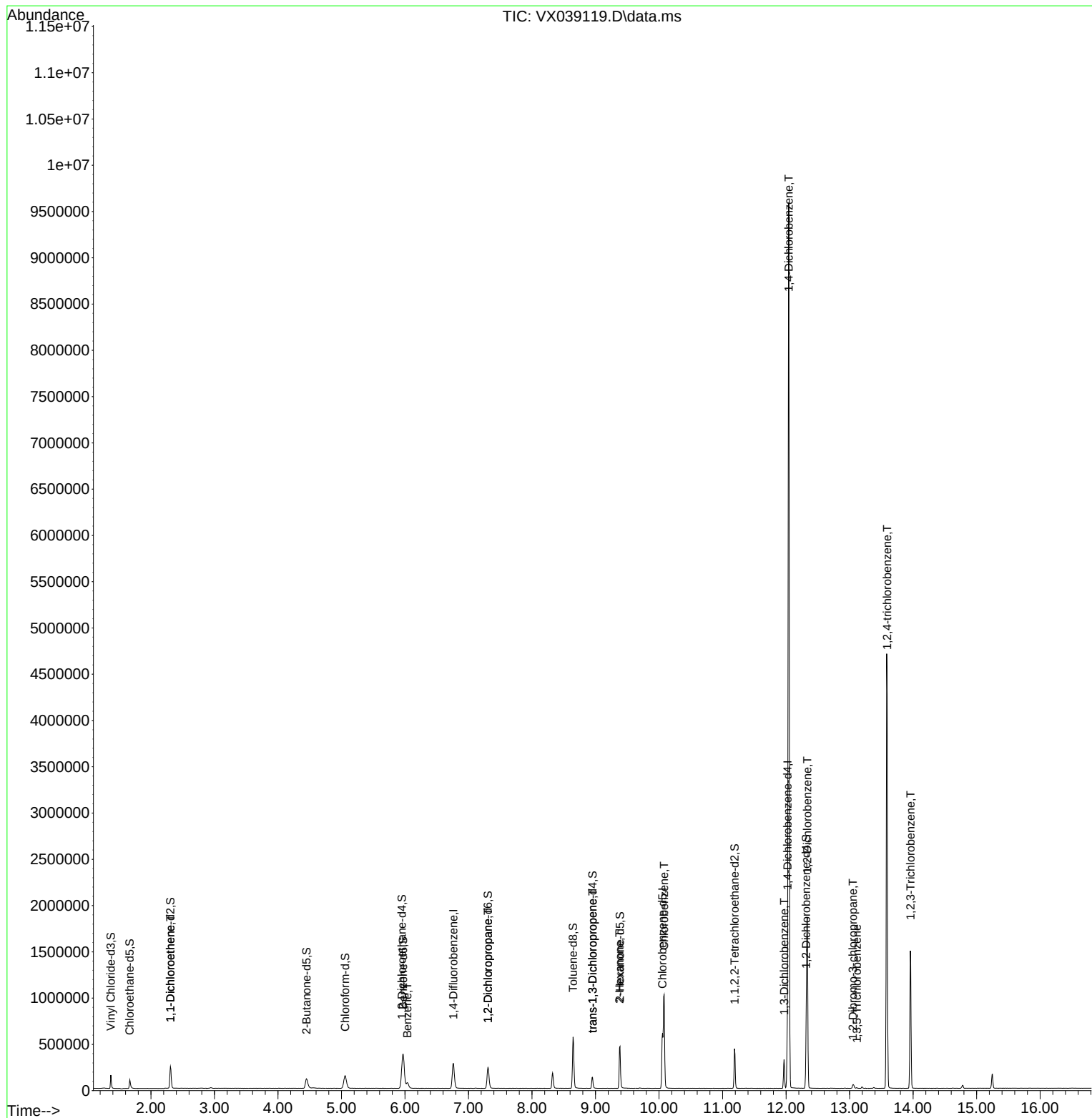
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274446	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	247599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113503	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	93105	43.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.500%		
7) Chloroethane-d5	1.666	69	70254	44.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.300%		
11) 1,1-Dichloroethene-d2	2.306	65	42111	44.566	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.140%		
21) 2-Butanone-d5	4.446	46	185407	95.152	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.150%		
24) Chloroform-d	5.056	84	171604	45.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.060%		
26) 1,2-Dichloroethane-d4	5.952	65	117022	47.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.840%		
32) Benzene-d6	5.970	84	374249	48.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.960%		
36) 1,2-Dichloropropane-d6	7.305	67	122612	49.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.720%		
41) Toluene-d8	8.647	98	329640	47.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
43) trans-1,3-Dichloroprop...	8.951	79	58395	46.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.320%		
47) 2-Hexanone-d5	9.384	63	137343	93.509	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.510%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167806	48.102	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	12.317	152	110089	51.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.620%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1062	0.601	ug/L #	1
33) Benzene	6.037	78	71995	9.150	ug/L	100
37) 1,2-Dichloropropane	7.305	63	13048	5.979	ug/L #	89
44) trans-1,3-Dichloropropene	8.951	75	2681	0.830	ug/L	96
48) 2-Hexanone	9.378	43	16241	5.306	ug/L #	67
51) Chlorobenzene	10.079	112	426894	82.828	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	89130	25.108	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	2691189	748.129	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	505578	148.886	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.054	75	1132	1.459	ug/L #	11
69) 1,3,5-Trichlorobenzene	13.115	180	1672	0.712	ug/L	91
70) 1,2,4-trichlorobenzene	13.591	180	989500	447.097	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	308150	143.798	ug/L	99

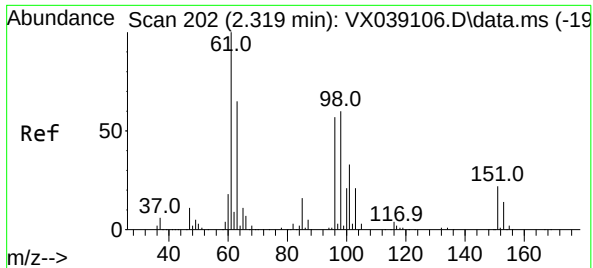
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 09 03:39:44 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039119.D

Acq: 08 Dec 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

C0AS2

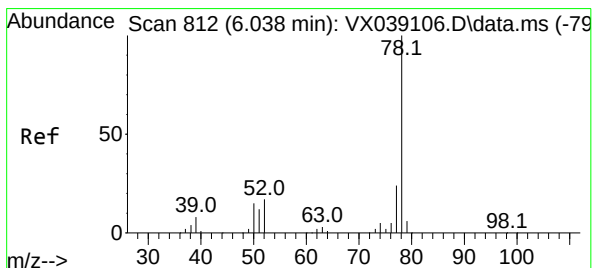
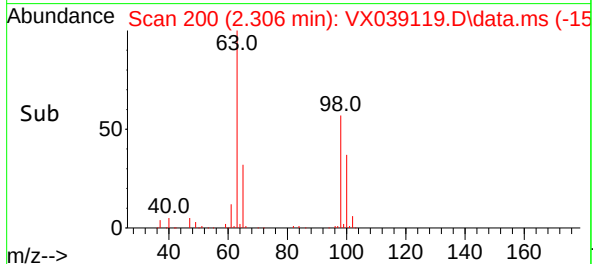
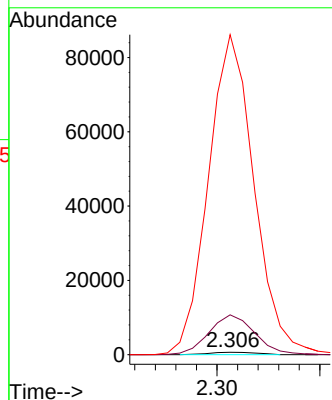
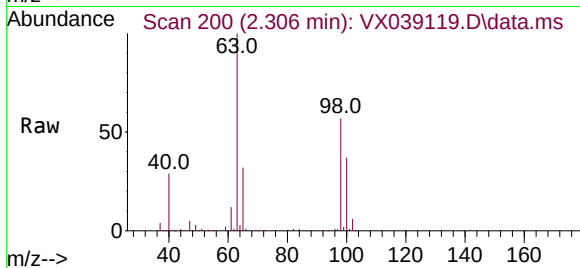
Tgt Ion: 96 Resp: 1062

Ion Ratio Lower Upper

96 100

61 1633.9 128.0 237.6#

63 13091.8 101.5 188.5#



#33

Benzene

Concen: 9.150 ug/L

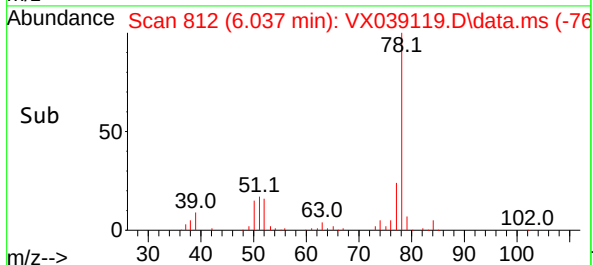
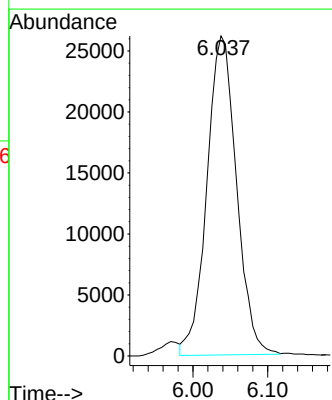
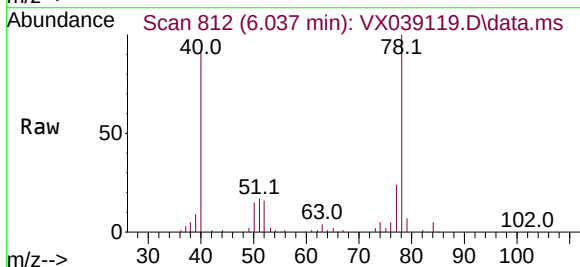
RT: 6.037 min Scan# 812

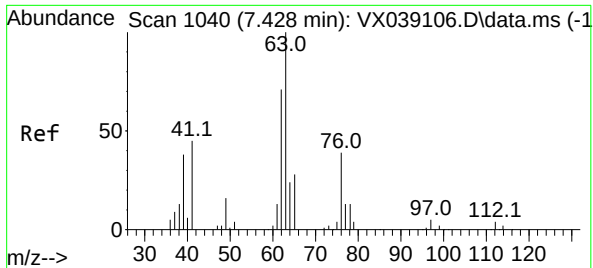
Delta R.T. -0.000 min

Lab File: VX039119.D

Acq: 08 Dec 2023 20:45

Tgt Ion: 78 Resp: 71995





#37

1,2-Dichloropropane

Concen: 5.979 ug/L

RT: 7.305 min Scan# 110

Delta R.T. -0.122 min

Lab File: VX039119.D

Acq: 08 Dec 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

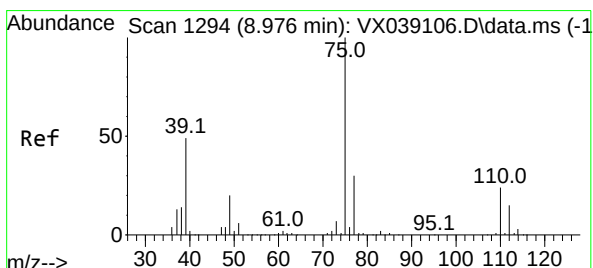
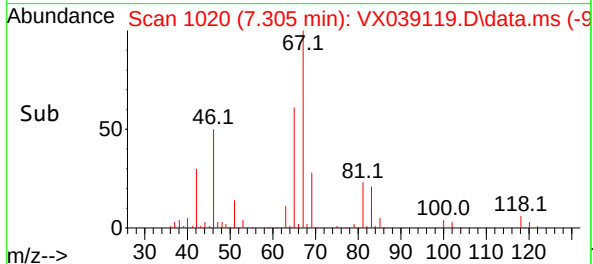
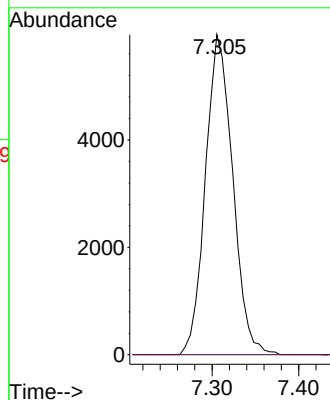
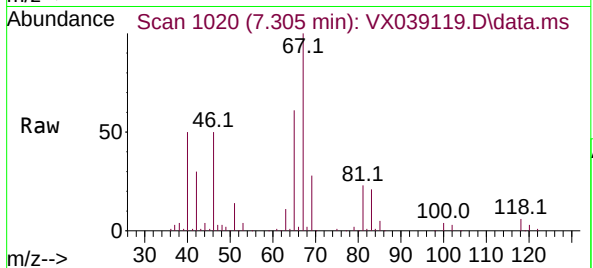
C0AS2

Tgt Ion: 63 Resp: 13048

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#44

trans-1,3-Dichloropropene

Concen: 0.830 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX039119.D

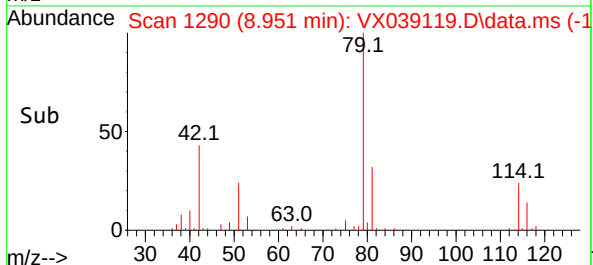
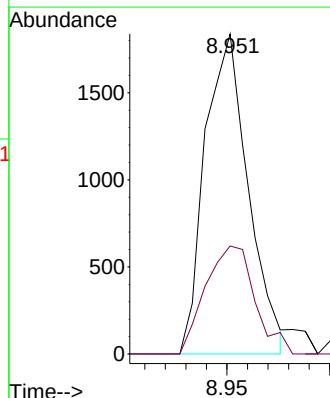
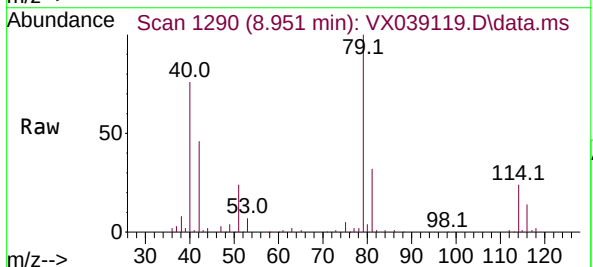
Acq: 08 Dec 2023 20:45

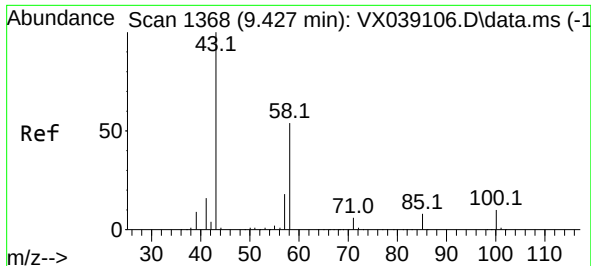
Tgt Ion: 75 Resp: 2681

Ion Ratio Lower Upper

75 100

77 33.7 22.0 40.8

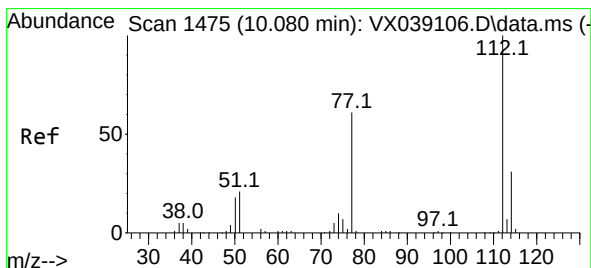
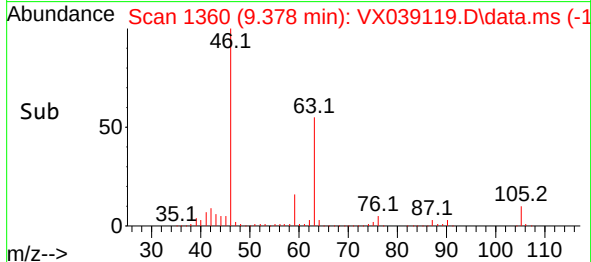
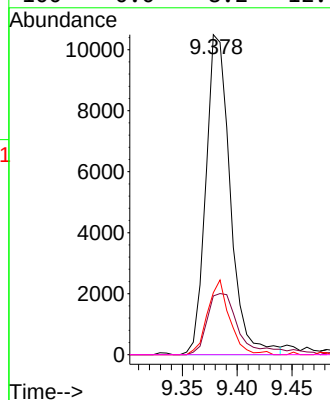
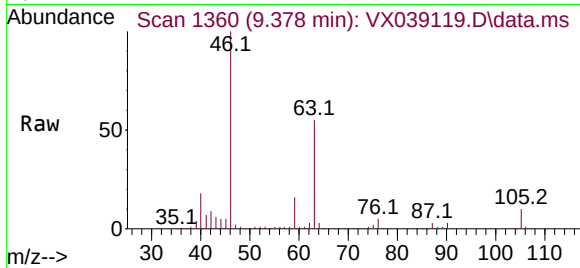




#48
2-Hexanone
Concen: 5.306 ug/L
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX039119.D
Acq: 08 Dec 2023 20:45

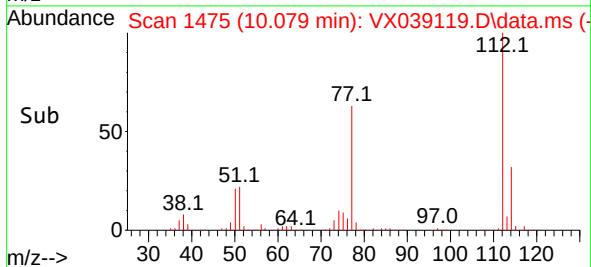
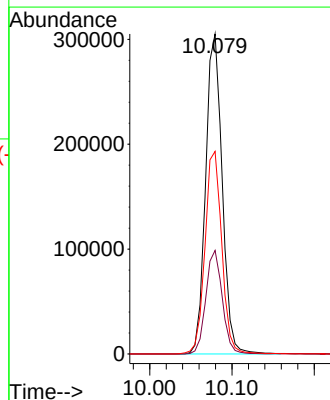
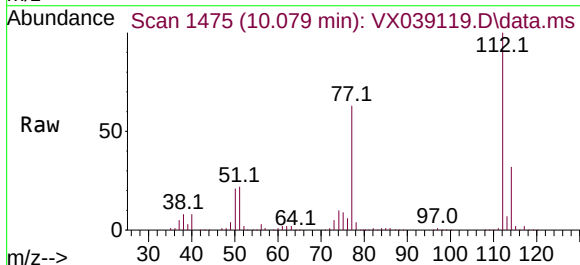
Instrument :
MSVOA_X
ClientSampleId :
C0AS2

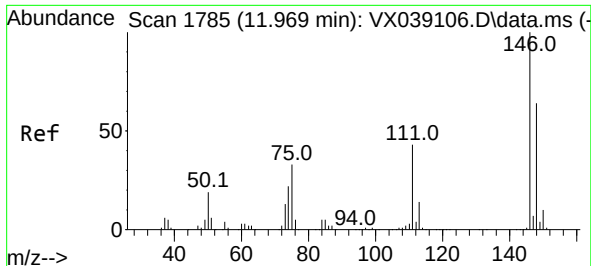
Tgt Ion: 43	Resp: 16241
Ion Ratio	Lower Upper
43 100	
58 22.9	43.0 64.6#
57 20.7	14.6 21.8
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 82.828 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039119.D
Acq: 08 Dec 2023 20:45

Tgt Ion:112	Resp: 426894
Ion Ratio	Lower Upper
112 100	
114 32.3	21.8 40.4
77 63.3	49.0 73.6

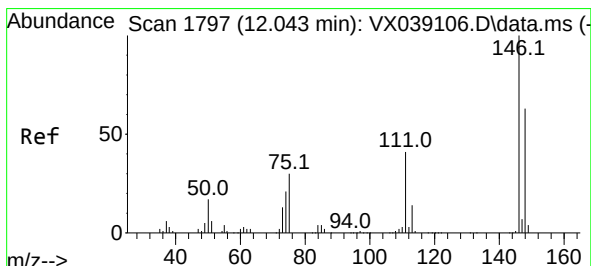
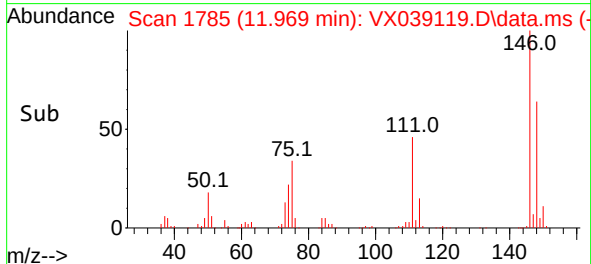
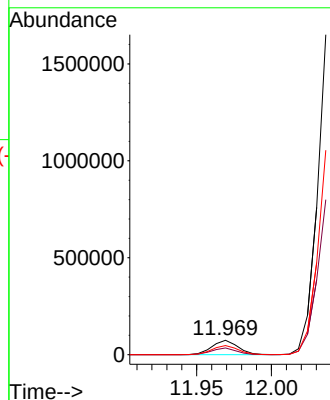
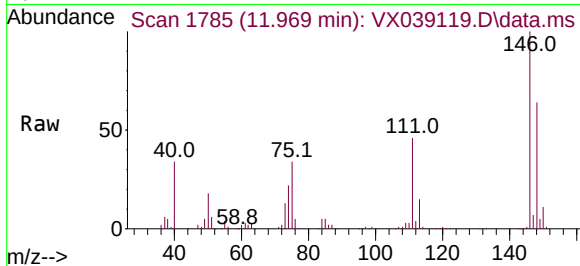




#64
1,3-Dichlorobenzene
Concen: 25.108 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039119.D
Acq: 08 Dec 2023 20:45

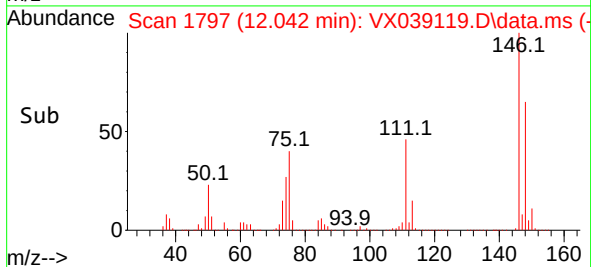
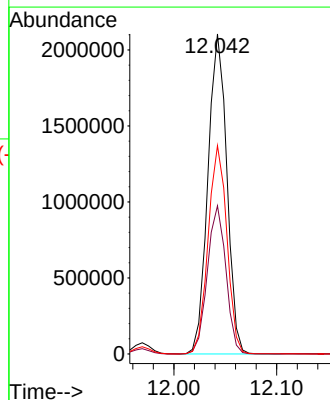
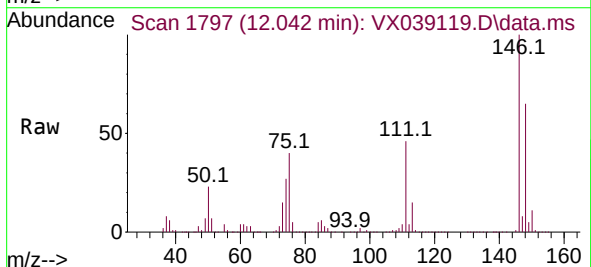
Instrument :
MSVOA_X
ClientSampleId :
C0AS2

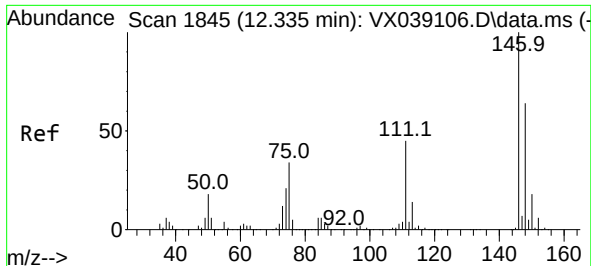
Tgt Ion:146 Resp: 89130
Ion Ratio Lower Upper
146 100
111 46.3 30.0 55.6
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 748.129 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039119.D
Acq: 08 Dec 2023 20:45

Tgt Ion:146 Resp: 2691189
Ion Ratio Lower Upper
146 100
111 46.3 29.7 55.1
148 65.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 148.886 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039119.D

Acq: 08 Dec 2023 20:45

Instrument :

MSVOA_X

ClientSampleId :

C0AS2

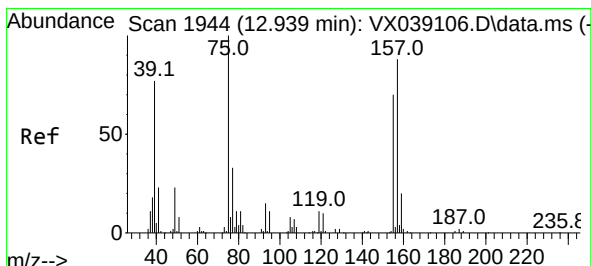
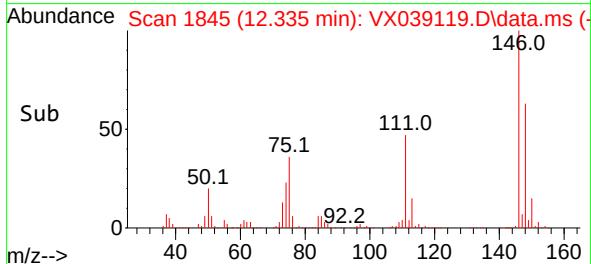
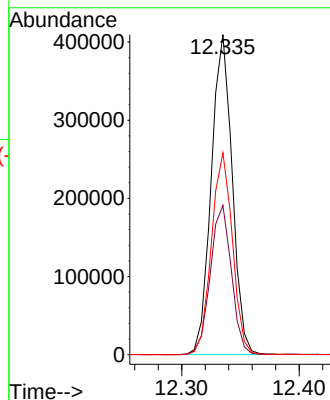
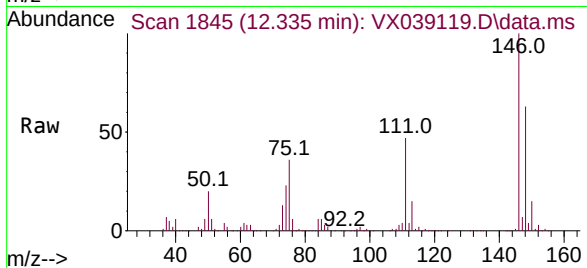
Tgt Ion:146 Resp: 505578

Ion Ratio Lower Upper

146 100

111 46.7 36.4 54.6

148 63.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.459 ug/L

RT: 13.054 min Scan# 1963

Delta R.T. 0.116 min

Lab File: VX039119.D

Acq: 08 Dec 2023 20:45

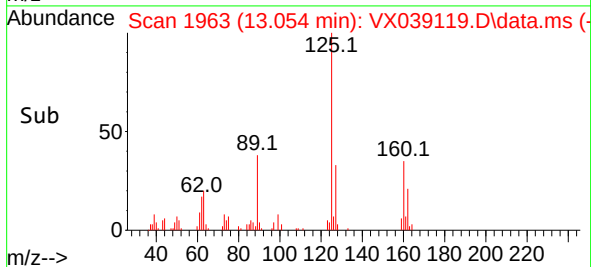
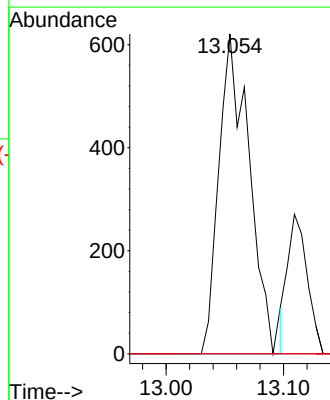
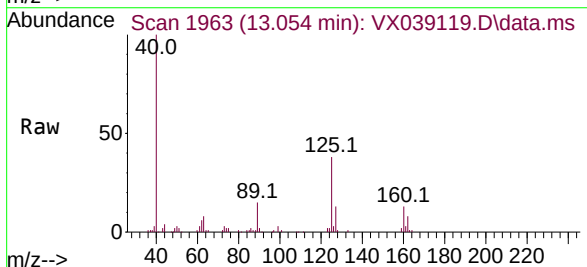
Tgt Ion: 75 Resp: 1132

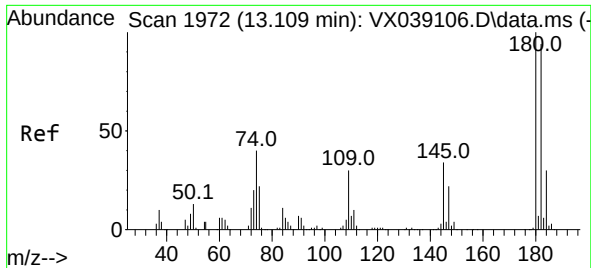
Ion Ratio Lower Upper

75 100

155 0.0 52.3 78.5#

157 0.0 68.7 103.1#

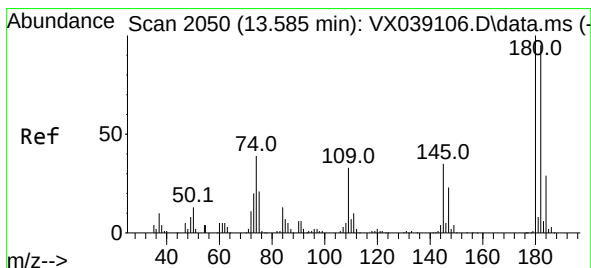
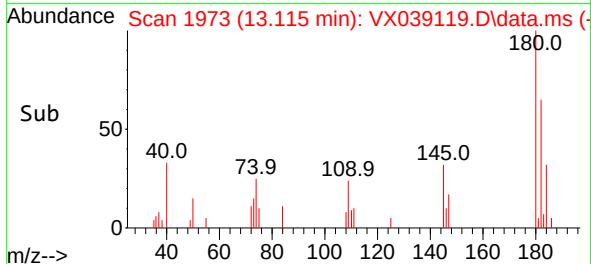
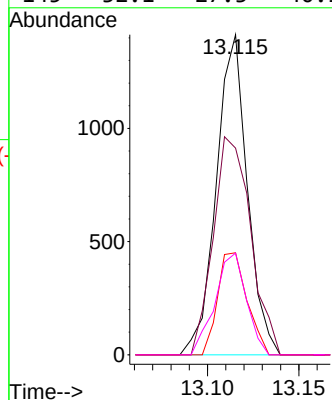
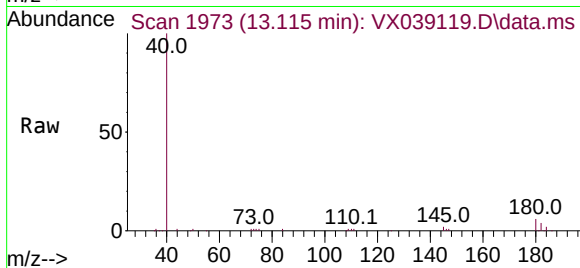




#69
1,3,5-Trichlorobenzene
Concen: 0.712 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX039119.D
Acq: 08 Dec 2023 20:45

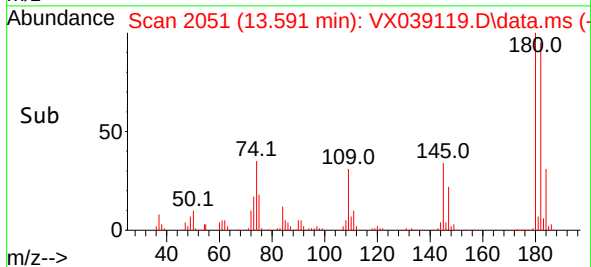
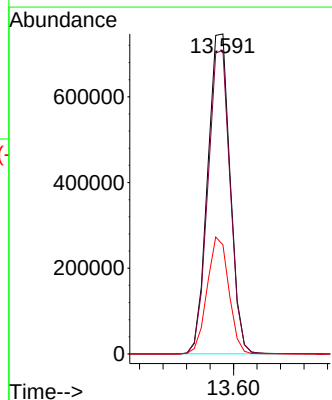
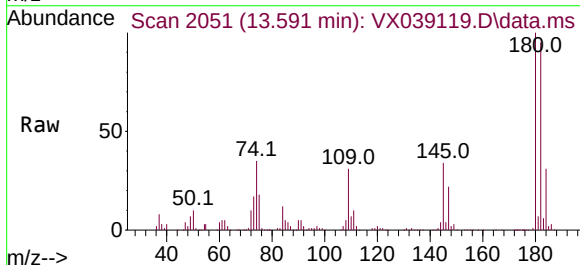
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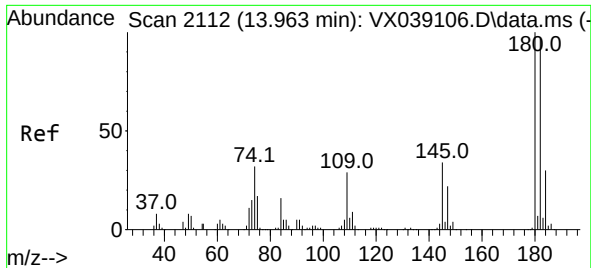
Tgt Ion:	180	Resp:	1672
Ion	Ratio	Lower	Upper
180	100		
182	81.9	76.1	114.1
184	30.2	24.1	36.1
145	32.1	27.3	40.9



#70
1,2,4-trichlorobenzene
Concen: 447.097 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039119.D
Acq: 08 Dec 2023 20:45

Tgt Ion:	180	Resp:	989500
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	35.4	27.8	41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 143.798 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039119.D
 Acq: 08 Dec 2023 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS2

Tgt Ion:180 Resp: 308150
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.9 113.9
 145 36.5 28.6 42.8

