

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038624.D
 Acq On : 28 Oct 2023 01:04
 Operator : JC/MD
 Sample : VX1027MBL02
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

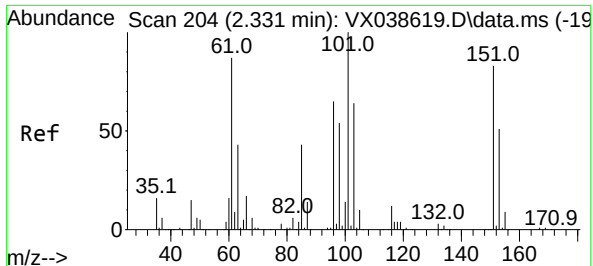
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 04:45:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	443574	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	428429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	230745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	140000	46.752	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.500%		
7) Chloroethane-d5	1.672	69	111885	48.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.240%		
11) 1,1-Dichloroethene-d2	2.307	65	62377	46.835	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.660%		
21) 2-Butanone-d5	4.452	46	231956	99.453	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.450%		
24) Chloroform-d	5.056	84	281483	46.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.620%		
26) 1,2-Dichloroethane-d4	5.958	65	182705	47.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
32) Benzene-d6	5.977	84	578721	49.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.900%		
36) 1,2-Dichloropropane-d6	7.306	67	169402	50.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.580%		
41) Toluene-d8	8.647	98	558798	48.371	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.740%		
43) trans-1,3-Dichloroprop...	8.952	79	78061	47.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.860%		
47) 2-Hexanone-d5	9.385	63	199667	101.357	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.360%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	270281	49.212	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.420%		
66) 1,2-Dichlorobenzene-d4	12.317	152	229830	50.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.460%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	2255	0.756	ug/L #	19
12) 1,1-Dichloroethene	2.313	96	2750	0.995	ug/L #	1
14) Carbon disulfide	2.514	76	9156	1.207	ug/L	97
44) trans-1,3-Dichloropropene	8.952	75	4351	1.043	ug/L	84
65) 1,4-Dichlorobenzene	12.043	146	5002	0.701	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	3898	0.783	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	4882	1.044	ug/L	97
71) Naphthalene	13.780	128	10410	0.743	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	4166	0.913	ug/L	95

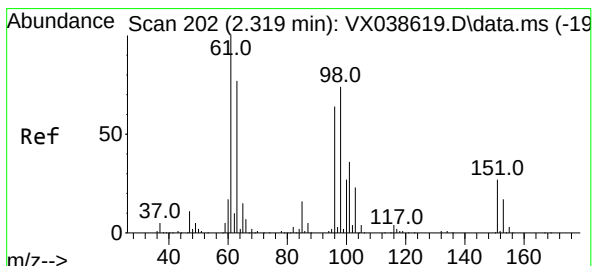
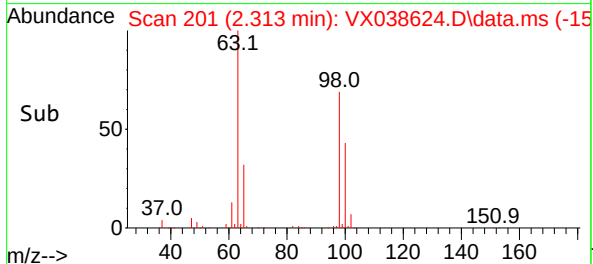
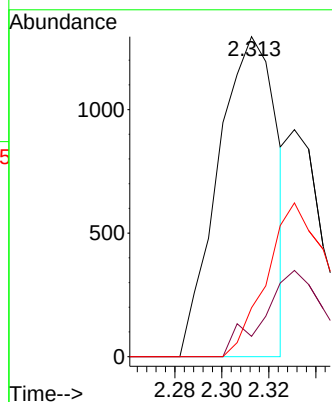
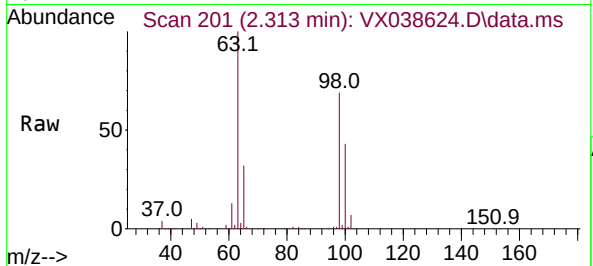
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.756 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.018 min
Lab File: VX038624.D
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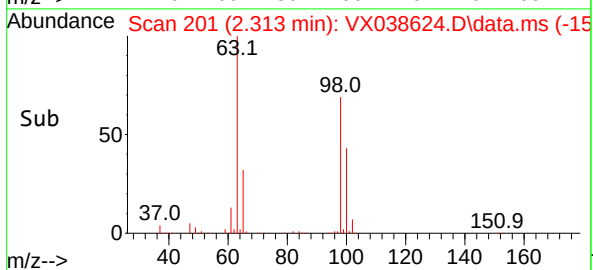
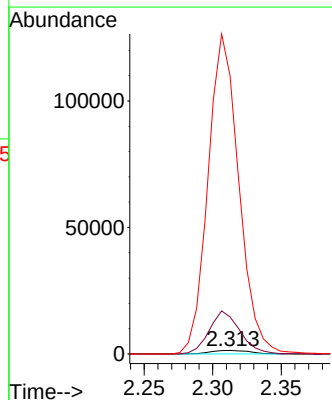
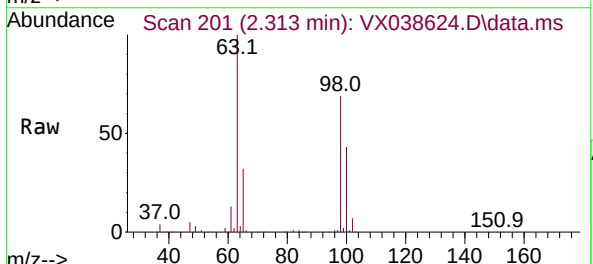
Instrument :
MSVOA_X
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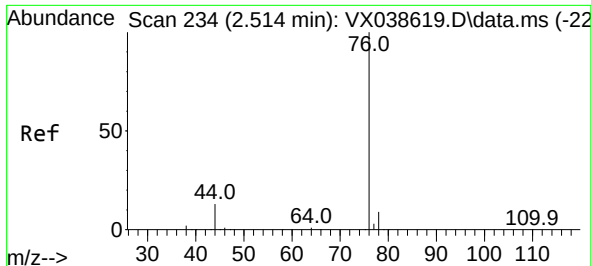
Tgt Ion:101 Resp: 2255
Ion Ratio Lower Upper
101 100
85 3.5 34.3 51.5#
151 0.0 65.8 98.8#



#12
1,1-Dichloroethene
Concen: 0.995 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038624.D
Acq: 28 Oct 2023 01:04

Tgt Ion: 96 Resp: 2750
Ion Ratio Lower Upper
96 100
61 1055.2 109.6 203.6#
63 7936.9 84.9 157.7#





#14

Carbon disulfide

Concen: 1.207 ug/L

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

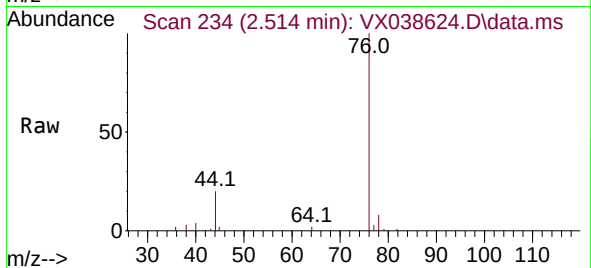
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Acq: 28 Oct 2023 01:04

Instrument :

MSVOA_X

ClientSampleId :

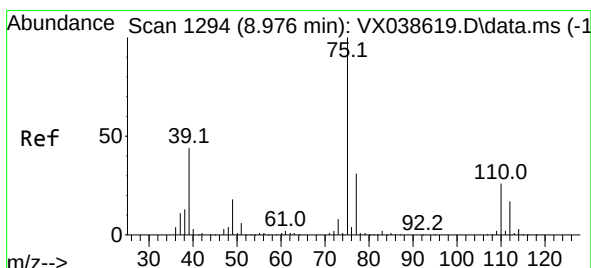
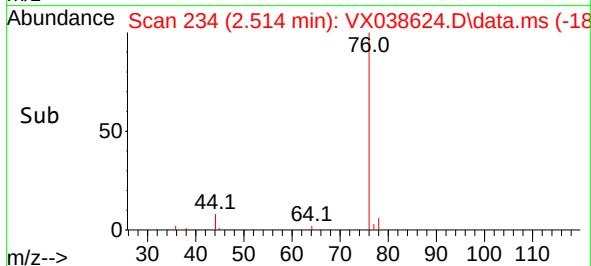
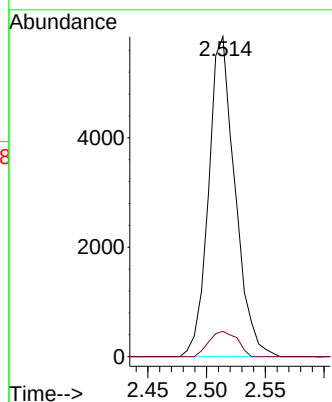


Tgt Ion: 76 Resp: 9156

Ion Ratio Lower Upper

76 100

78 7.9 7.2 10.8



#44

trans-1,3-Dichloropropene

Concen: 1.043 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX038624.D

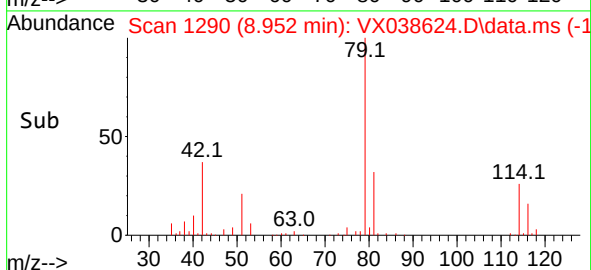
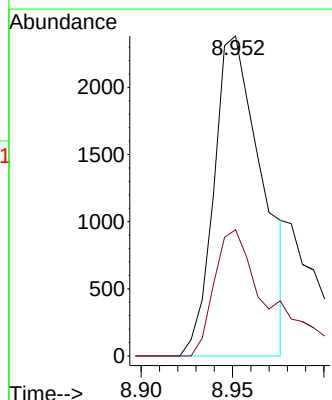
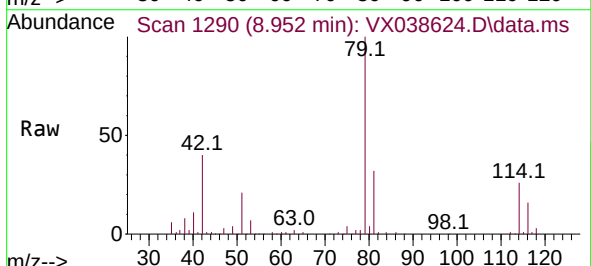
Acq: 28 Oct 2023 01:04

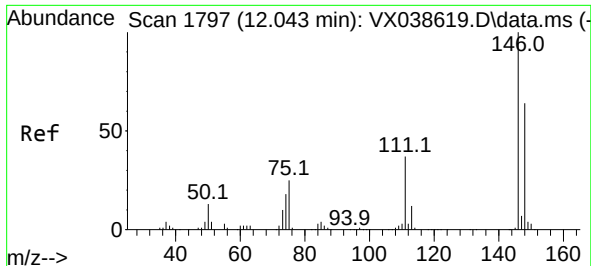
Tgt Ion: 75 Resp: 4351

Ion Ratio Lower Upper

75 100

77 39.5 21.4 39.8

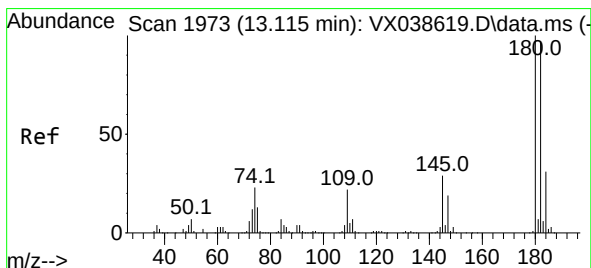
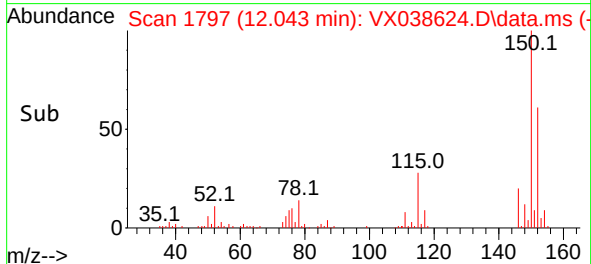
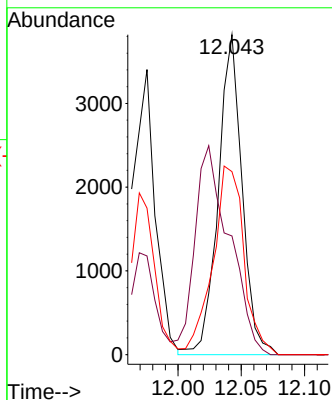
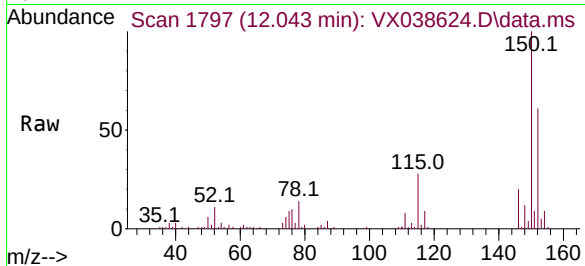




#65
 1,4-Dichlorobenzene
 Concen: 0.701 ug/L
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX038624.D
 Acq: 28 Oct 2023 01:04

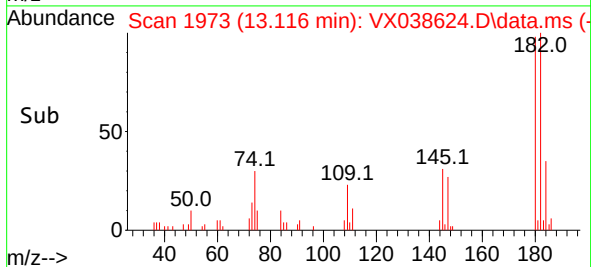
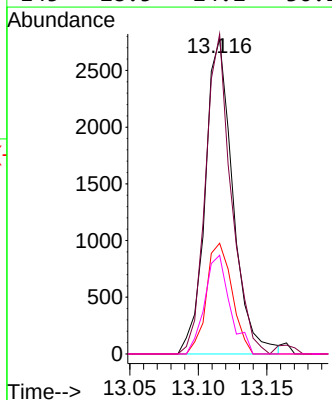
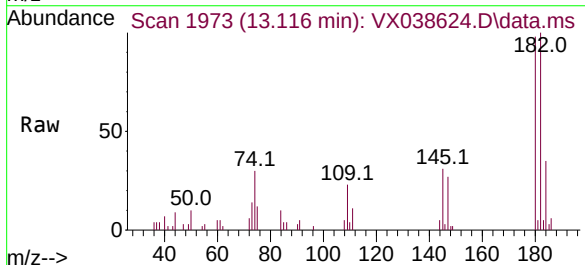
Instrument :
 MSVOA_X
 ClientSampleId :

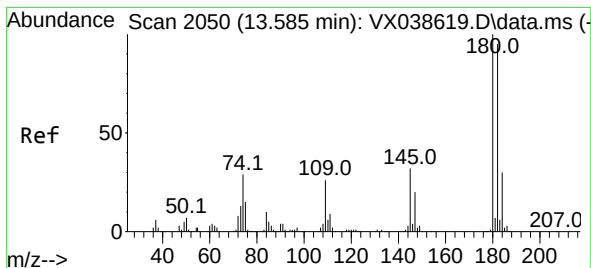
Tgt Ion:146 Resp: 5002
 Ion Ratio Lower Upper
 146 100
 111 37.1 26.0 48.2
 148 57.2 44.8 83.2



#69
 1,3,5-Trichlorobenzene
 Concen: 0.783 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX038624.D
 Acq: 28 Oct 2023 01:04

Tgt Ion:180 Resp: 3898
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 184 32.5 24.5 36.7
 145 28.5 24.2 36.2





#70

1,2,4-trichlorobenzene

Concen: 1.044 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038624.D

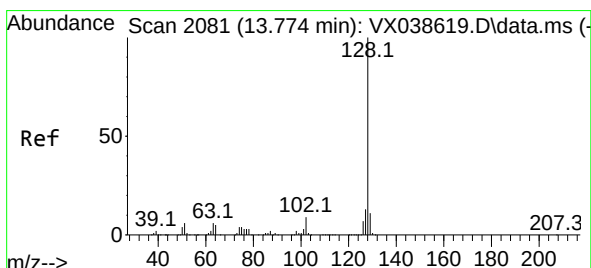
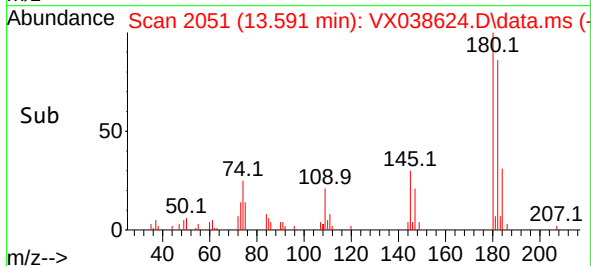
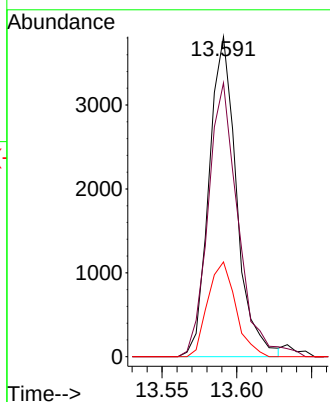
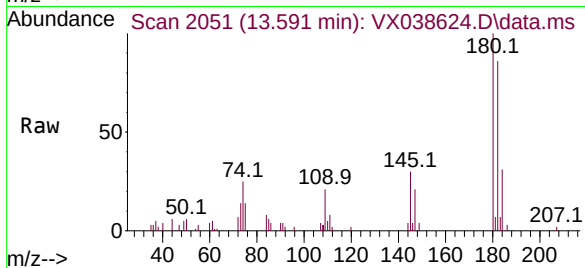
Acq: 28 Oct 2023 01:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	4882
Ion Ratio	Lower	Upper
180	100	
182	92.0	75.9 113.9
145	30.0	24.5 36.7



#71

Naphthalene

Concen: 0.743 ug/L

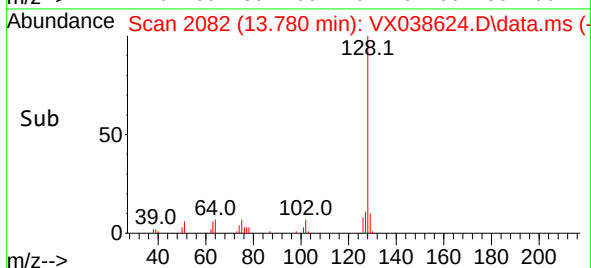
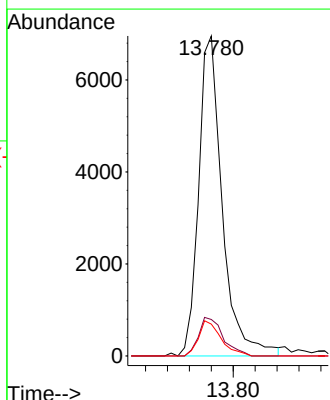
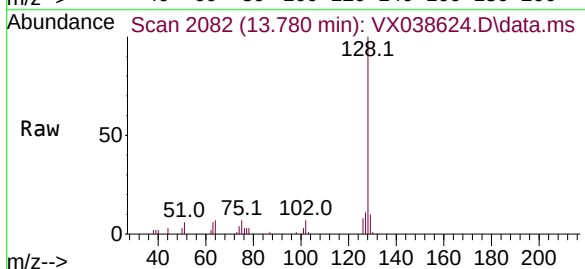
RT: 13.780 min Scan# 2082

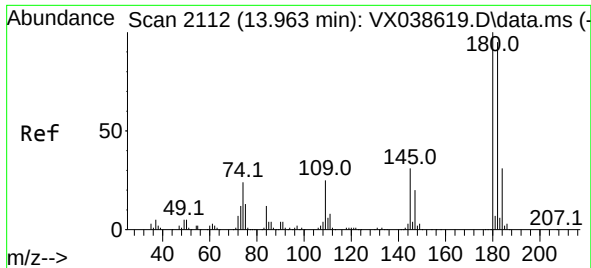
Delta R.T. 0.006 min

Lab File: VX038624.D

Acq: 28 Oct 2023 01:04

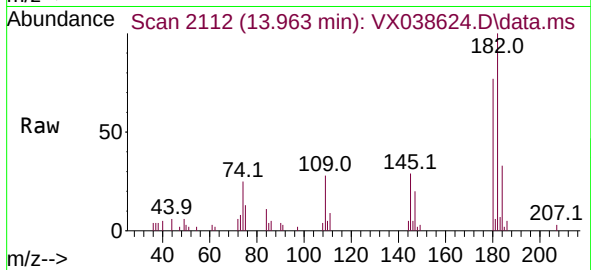
Tgt Ion:128	Resp:	10410
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.3 15.5
129	10.4	8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.913 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX038624.D
 Acq: 28 Oct 2023 01:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	4166
Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.2	114.4
145	34.5	25.8	38.6

