

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039289.D
 Acq On : 16 Dec 2023 14:44
 Operator : JC/MD
 Sample : 05845-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:12:37 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)

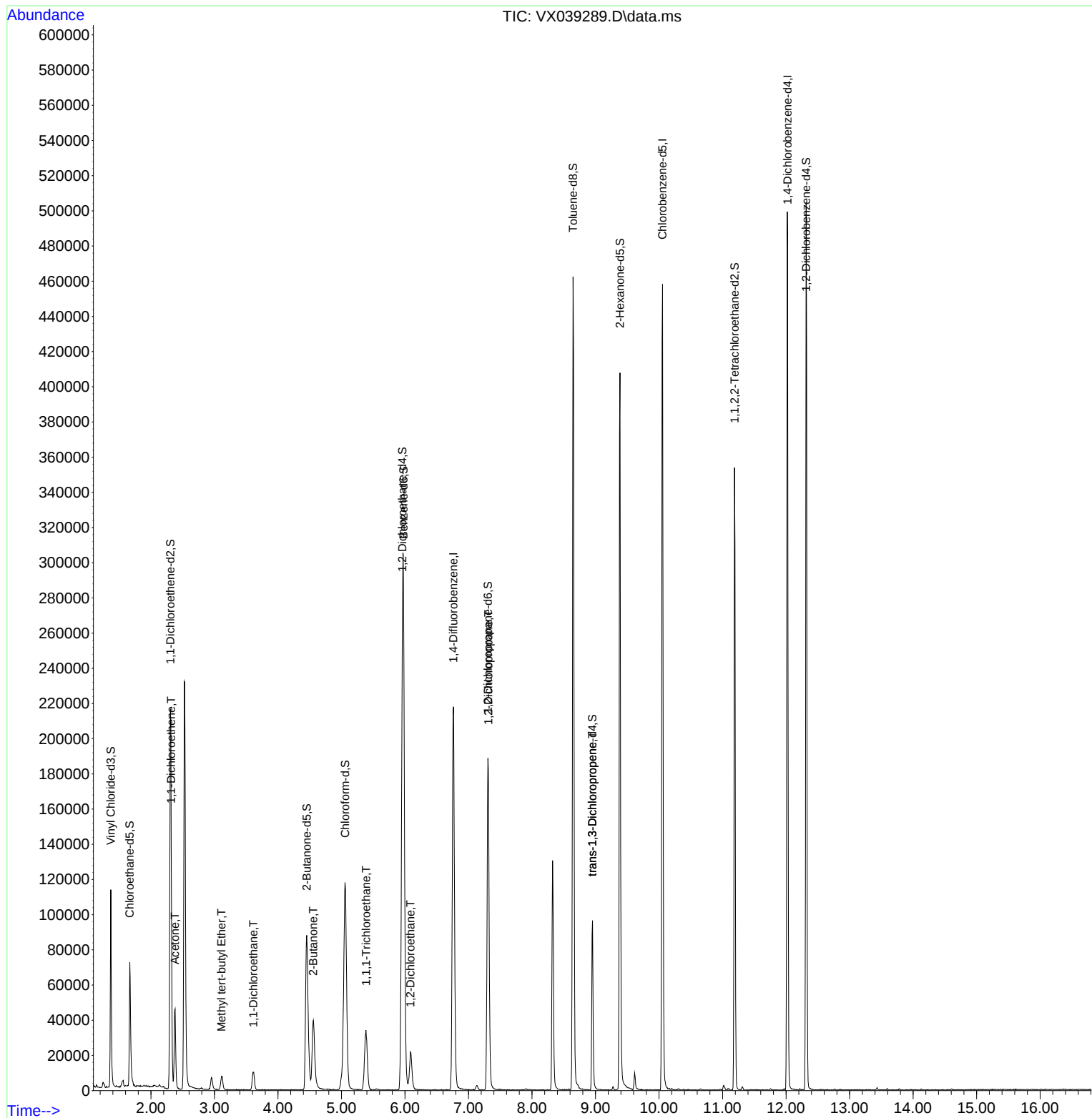
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213130	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94692	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70015	41.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.760%		
7) Chloroethane-d5	1.666	69	53886	43.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.220%		
11) 1,1-Dichloroethene-d2	2.306	65	36536	49.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.580%		
21) 2-Butanone-d5	4.452	46	156718	103.567	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.570%		
24) Chloroform-d	5.056	84	145656	49.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.440%		
26) 1,2-Dichloroethane-d4	5.958	65	101266	52.839	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.680%		
32) Benzene-d6	5.976	84	298765	48.932	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.860%		
36) 1,2-Dichloropropane-d6	7.306	67	95873	48.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.580%		
41) Toluene-d8	8.647	98	266347	48.136	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.280%		
43) trans-1,3-Dichloroprop...	8.952	79	42900	42.903	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.800%		
47) 2-Hexanone-d5	9.384	63	109962	93.697	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.700%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134906	48.398	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.800%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89124	49.794	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.580%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	12831	9.345	ug/L #	1
13) Acetone	2.380	43	47796	32.879	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	8396	1.667	ug/L #	93
19) 1,1-Dichloroethane	3.611	63	12184	4.259	ug/L	99
22) 2-Butanone	4.556	43	72328	40.542	ug/L	100
27) 1,2-Dichloroethane	6.086	62	23164	10.287	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	31667	13.192	ug/L	96
37) 1,2-Dichloropropane	7.312	63	11295	6.478	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	2412	0.935	ug/L	85

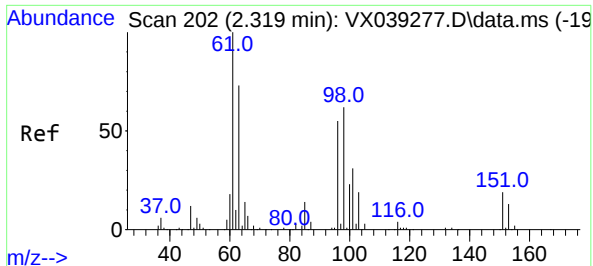
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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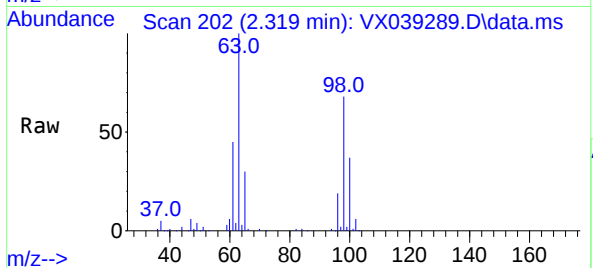
Quant Time: Dec 16 21:12:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
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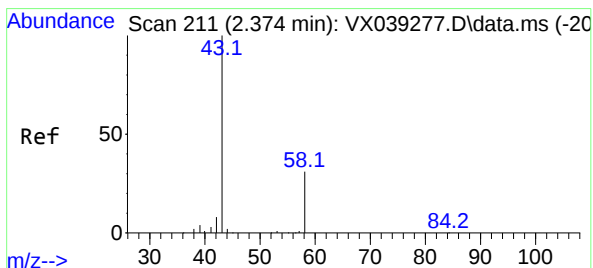
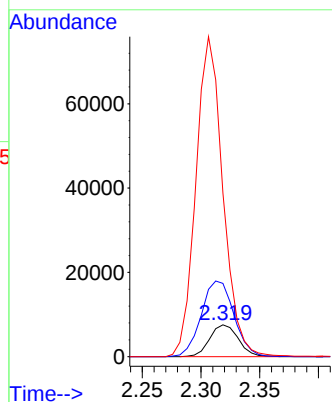
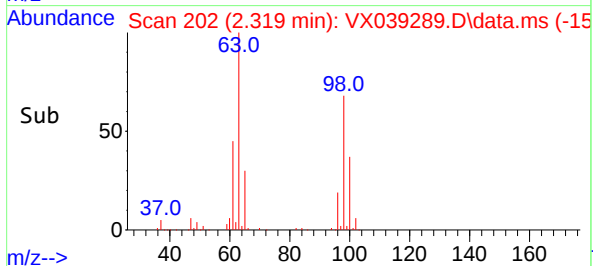


#12
1,1-Dichloroethene
Concen: 9.345 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44

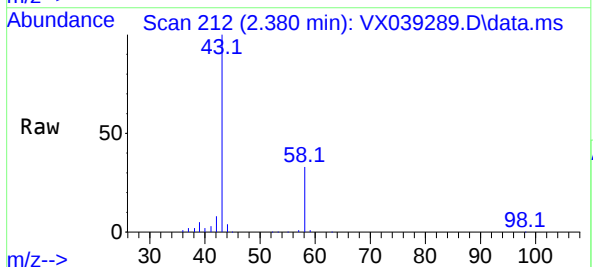
Instrument :
MSVOA_X
ClientSampleId :



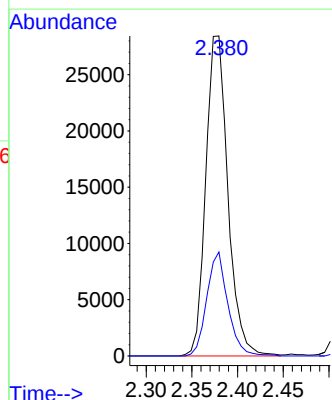
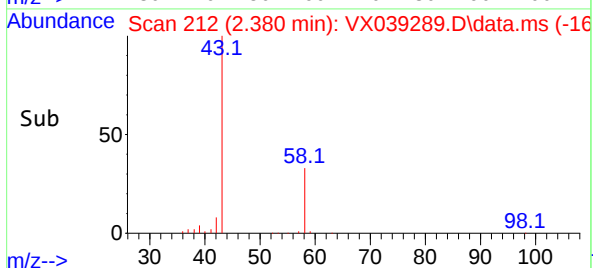
Tgt Ion: 96 Resp: 12831
Ion Ratio Lower Upper
96 100
61 230.2 128.0 237.6
63 514.5 101.5 188.5#

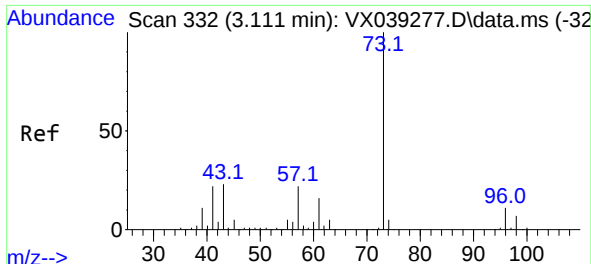


#13
Acetone
Concen: 32.879 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44



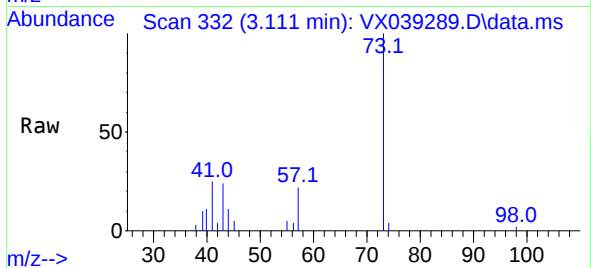
Tgt Ion: 43 Resp: 47796
Ion Ratio Lower Upper
43 100
58 30.9 0.0 65.8



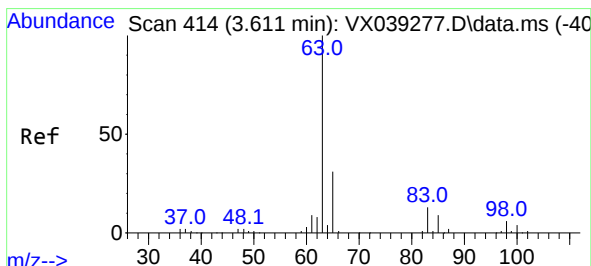
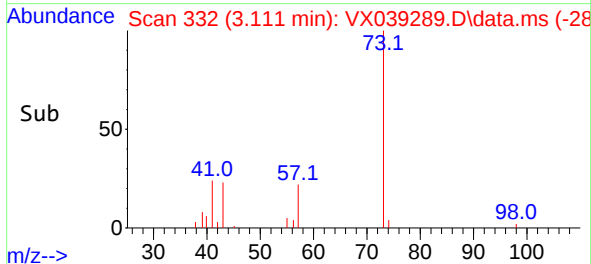
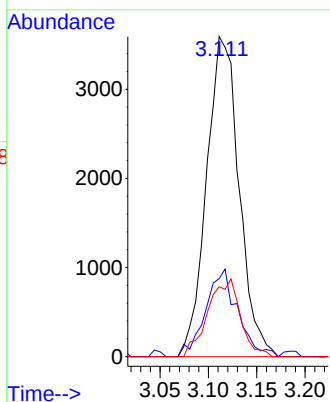


#18
Methyl tert-butyl Ether
Concen: 1.667 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44

Instrument :
MSVOA_X
ClientSampleId :

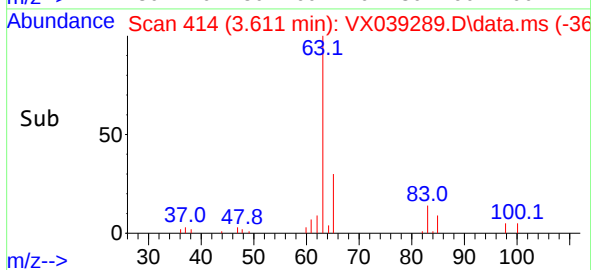
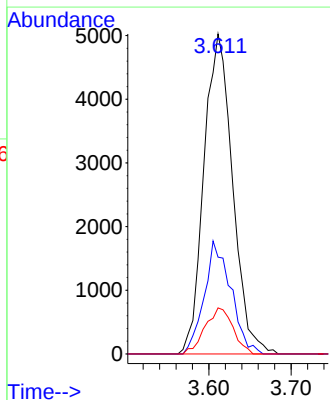
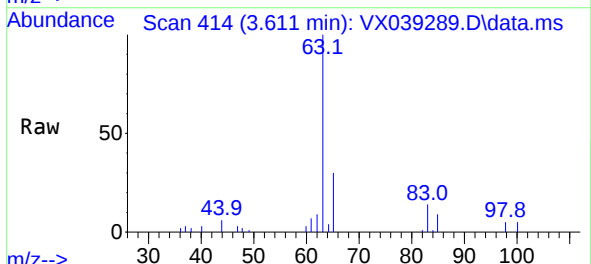


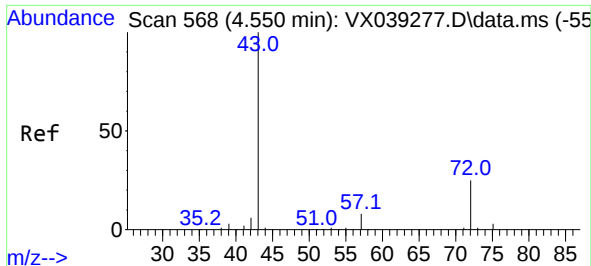
Tgt Ion: 73 Resp: 8396
Ion Ratio Lower Upper
73 100
43 26.3 16.9 25.3#
57 24.3 18.5 27.7



#19
1,1-Dichloroethane
Concen: 4.259 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44

Tgt Ion: 63 Resp: 12184
Ion Ratio Lower Upper
63 100
65 30.3 21.1 39.3
83 14.4 9.7 17.9

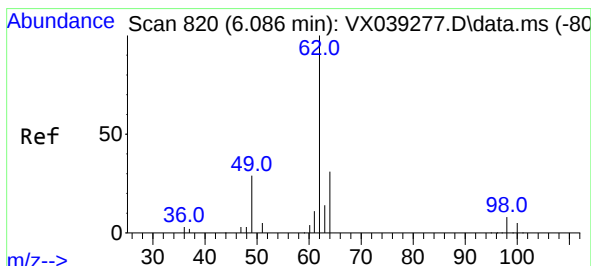
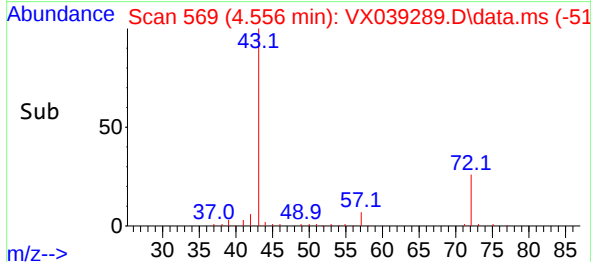
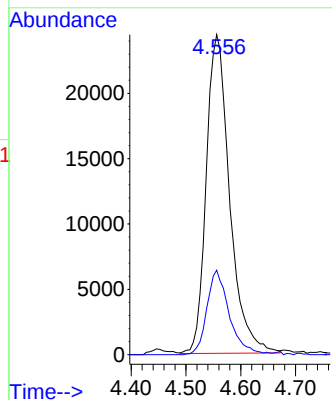
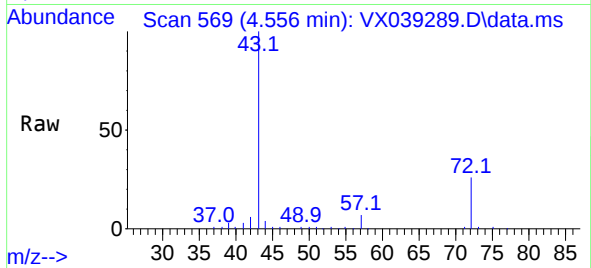




#22
2-Butanone
Concen: 40.542 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44

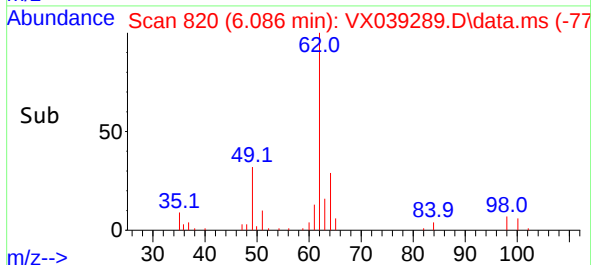
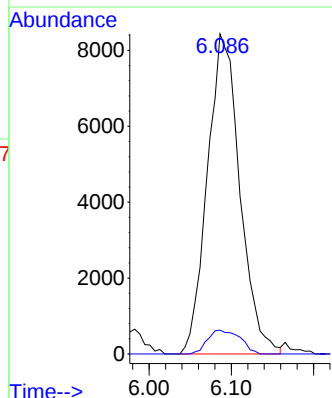
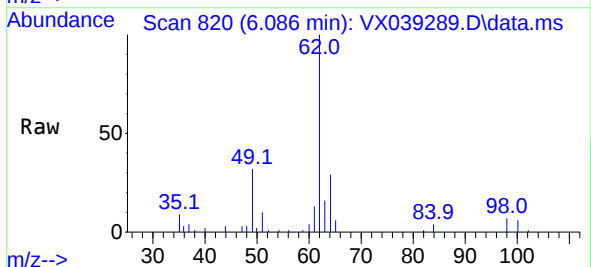
Instrument :
MSVOA_X
ClientSampleId :

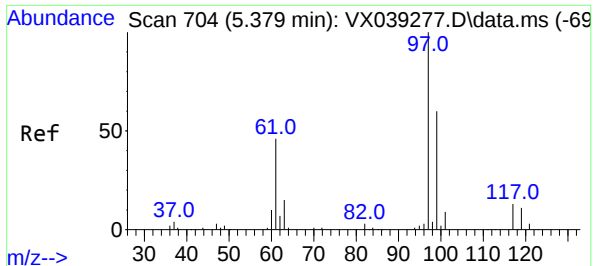
Tgt Ion: 43 Resp: 72328
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.6



#27
1,2-Dichloroethane
Concen: 10.287 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44

Tgt Ion: 62 Resp: 23164
Ion Ratio Lower Upper
62 100
98 7.4 8.0 12.0#





#30

1,1,1-Trichloroethane

Concen: 13.192 ug/L

RT: 5.385 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX039289.D

Acq: 16 Dec 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

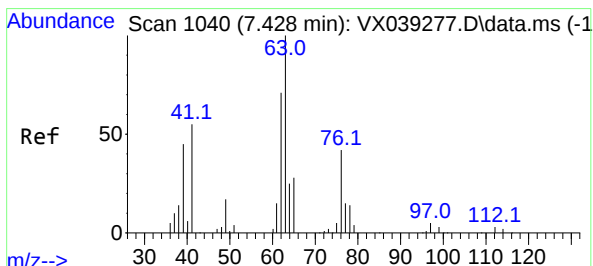
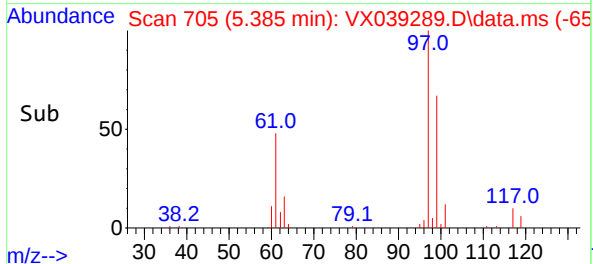
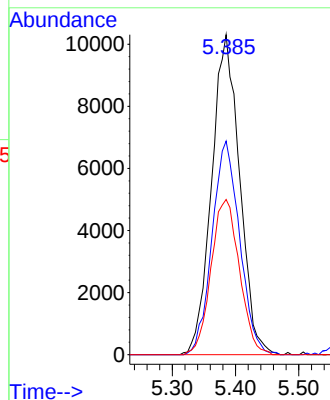
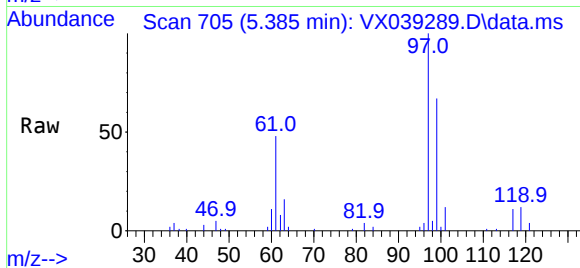
Tgt Ion: 97 Resp: 31667

Ion Ratio Lower Upper

97 100

99 65.7 51.0 76.4

61 49.2 36.7 55.1



#37

1,2-Dichloropropane

Concen: 6.478 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.116 min

Lab File: VX039289.D

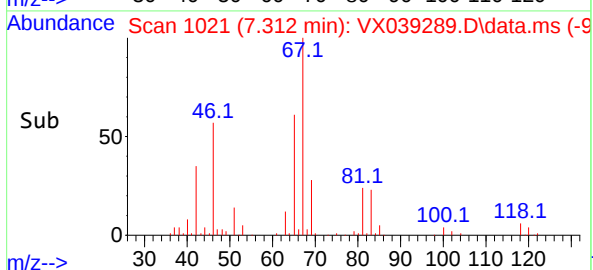
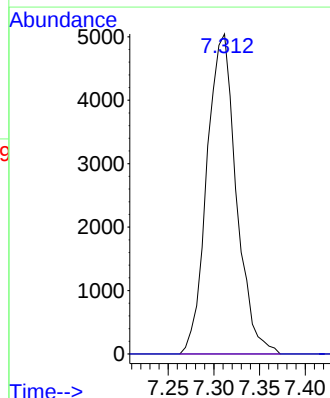
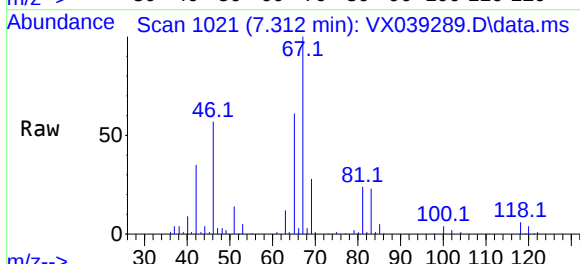
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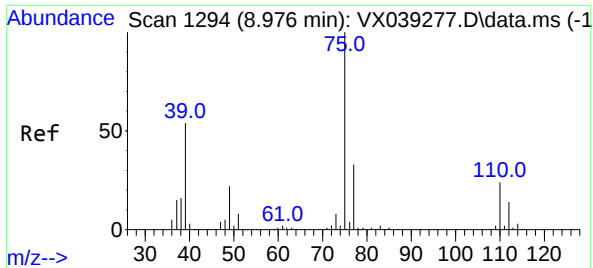
Tgt Ion: 63 Resp: 11295

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#44
trans-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039289.D
Acq: 16 Dec 2023 14:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	75	Resp:	2412
Ion	Ratio	Lower	Upper
75	100		
77	39.5	22.0	40.8

