

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039261.D
 Acq On : 16 Dec 2023 03:54
 Operator : JC/MD
 Sample : 05845-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 04:21:49 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)

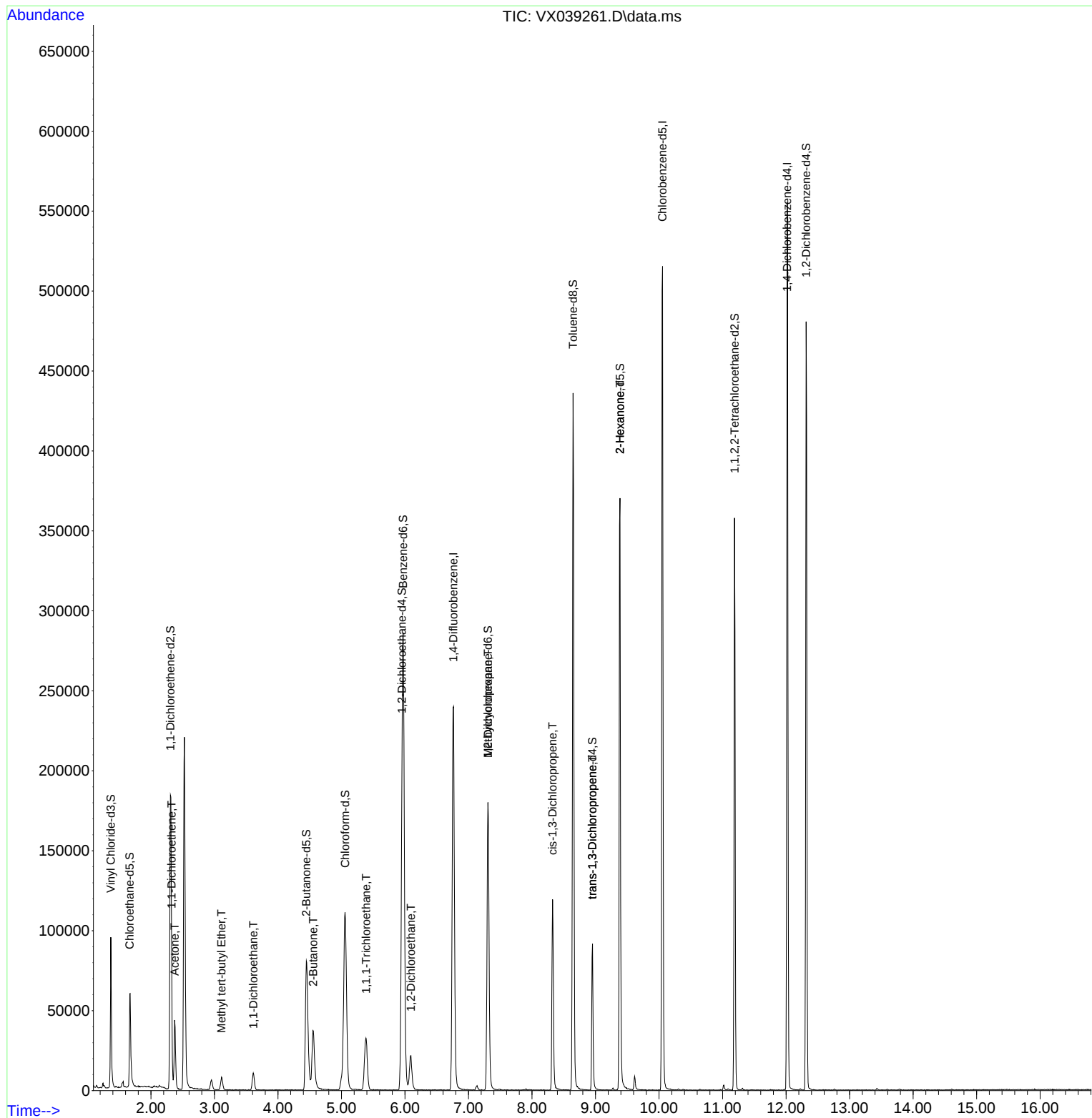
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	237014	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220113	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102428	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58880	31.673	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.340%		
7) Chloroethane-d5	1.666	69	47404	34.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.000%#		
11) 1,1-Dichloroethene-d2	2.307	65	31554	38.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.340%		
21) 2-Butanone-d5	4.446	46	144291	85.746	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.750%		
24) Chloroform-d	5.056	84	139421	42.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.740%		
26) 1,2-Dichloroethane-d4	5.952	65	96851	45.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
32) Benzene-d6	5.970	84	277103	40.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.580%		
36) 1,2-Dichloropropane-d6	7.306	67	90920	41.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.180%		
41) Toluene-d8	8.647	98	246568	40.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.100%		
43) trans-1,3-Dichloroprop...	8.952	79	41857	37.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.240%		
47) 2-Hexanone-d5	9.384	63	104244	79.836	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.840%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	132000	42.563	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	87206	45.043	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.080%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	12300	8.056	ug/L #	53
13) Acetone	2.374	43	44390	27.459	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	8134	1.453	ug/L	95
19) 1,1-Dichloroethane	3.611	63	12304	3.868	ug/L	97
22) 2-Butanone	4.556	43	66399	33.468	ug/L	99
27) 1,2-Dichloroethane	6.092	62	23714	9.470	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	31290	11.716	ug/L #	78
35) Methylcyclohexane	7.306	83	20845	6.771	ug/L #	19
39) cis-1,3-Dichloropropene	8.324	75	3018	0.975	ug/L #	58
44) trans-1,3-Dichloropropene	8.952	75	2139	0.745	ug/L	94
48) 2-Hexanone	9.384	43	14491	5.325	ug/L #	69

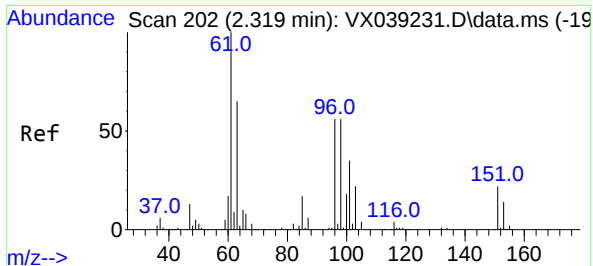
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039261.D
Acq On : 16 Dec 2023 03:54
Operator : JC/MD
Sample : 05845-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 04:21:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

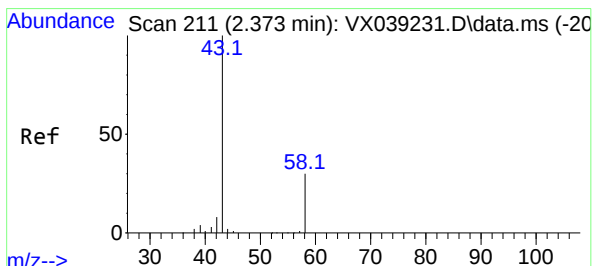
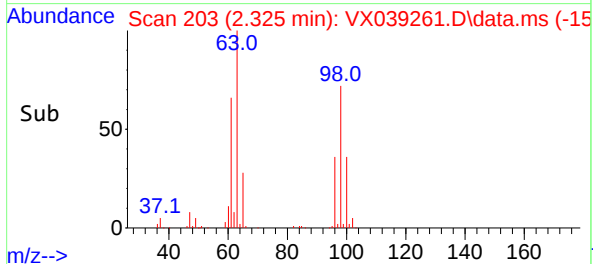
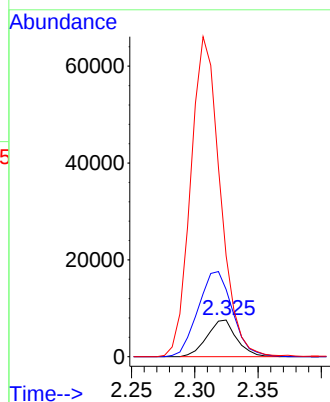
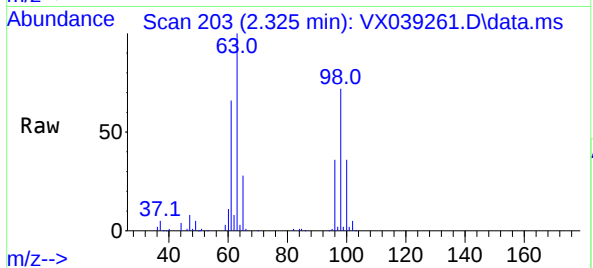




#12
1,1-Dichloroethene
Concen: 8.056 ug/L
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

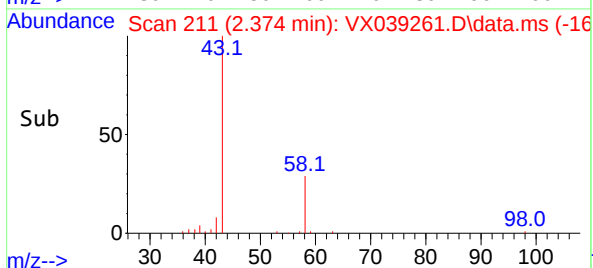
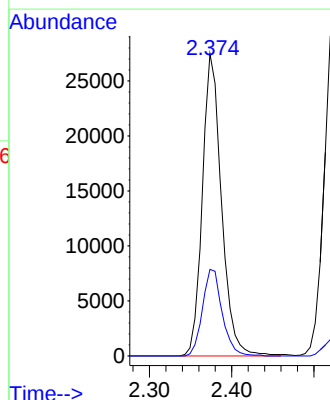
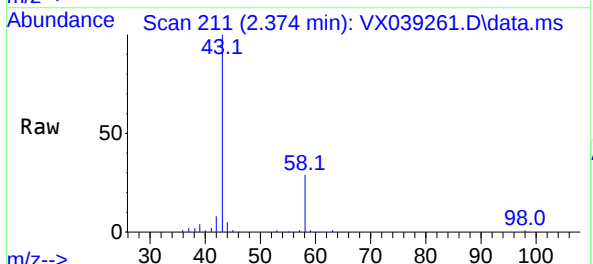
Instrument :
MSVOA_X
ClientSampleId :

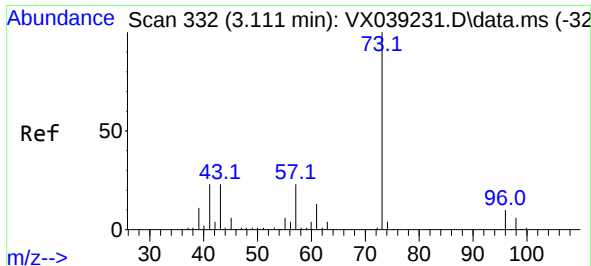
Tgt Ion: 96 Resp: 12300
Ion Ratio Lower Upper
96 100
61 183.6 128.0 237.6
63 276.1 101.5 188.5#



#13
Acetone
Concen: 27.459 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

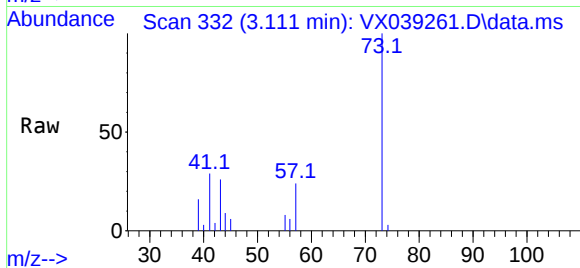
Tgt Ion: 43 Resp: 44390
Ion Ratio Lower Upper
43 100
58 29.4 0.0 65.8



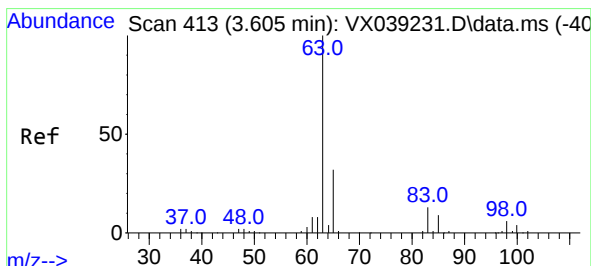
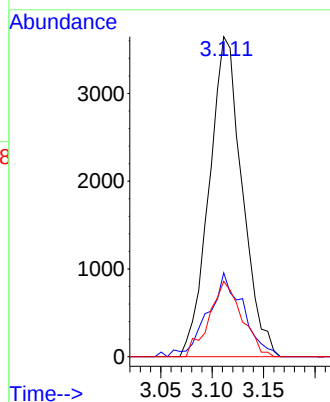
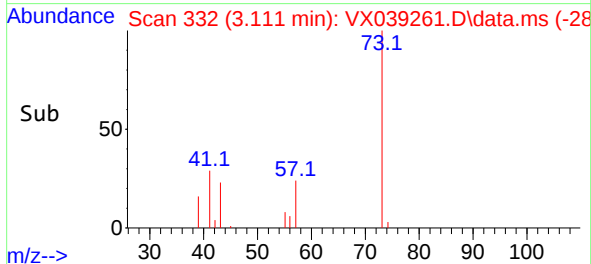


#18
Methyl tert-butyl Ether
Concen: 1.453 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

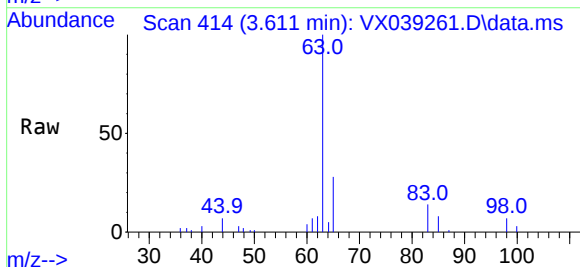
Instrument :
MSVOA_X
ClientSampleId :



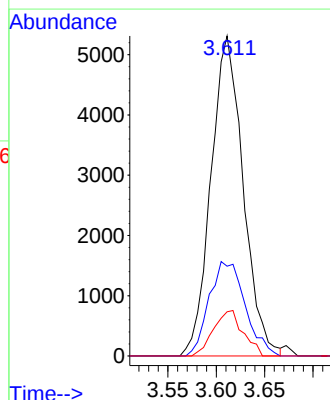
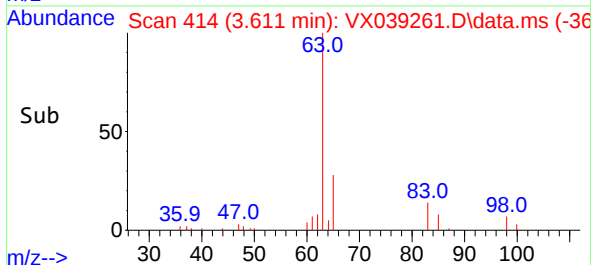
Tgt Ion: 73 Resp: 8134
Ion Ratio Lower Upper
73 100
43 18.0 16.9 25.3
57 21.5 18.5 27.7

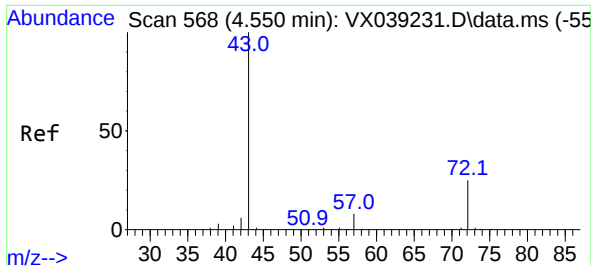


#19
1,1-Dichloroethane
Concen: 3.868 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54



Tgt Ion: 63 Resp: 12304
Ion Ratio Lower Upper
63 100
65 28.1 21.1 39.3
83 13.8 9.7 17.9

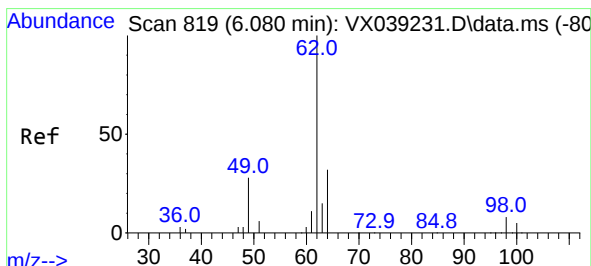
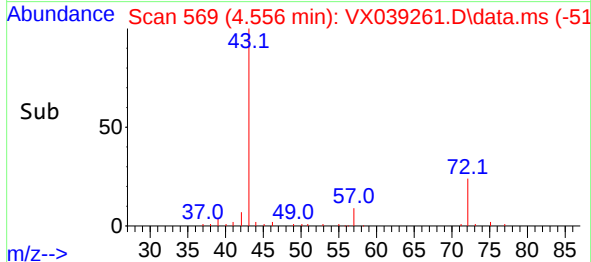
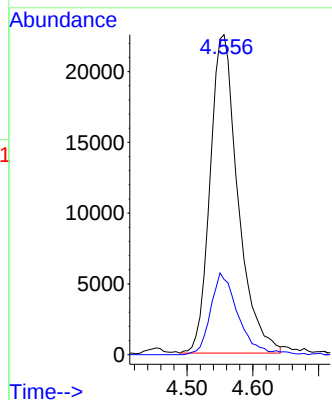
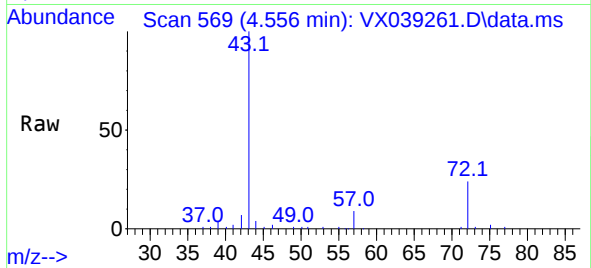




#22
2-Butanone
Concen: 33.468 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

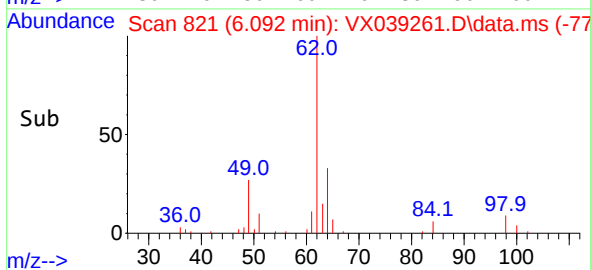
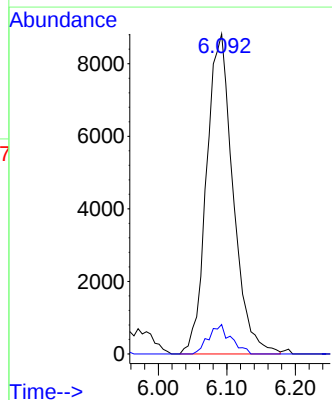
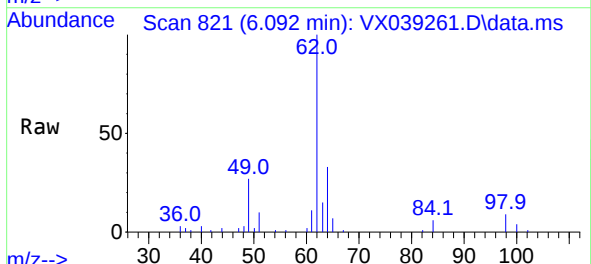
Instrument :
MSVOA_X
ClientSampleId :

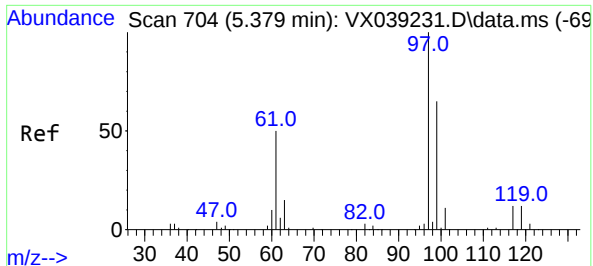
Tgt Ion: 43 Resp: 66399
Ion Ratio Lower Upper
43 100
72 24.8 12.6 37.6



#27
1,2-Dichloroethane
Concen: 9.470 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

Tgt Ion: 62 Resp: 23714
Ion Ratio Lower Upper
62 100
98 9.2 8.0 12.0

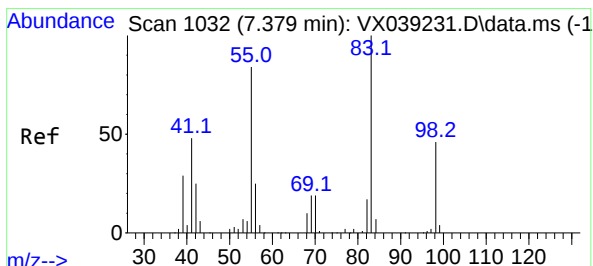
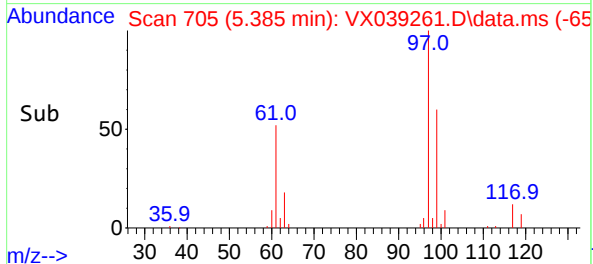
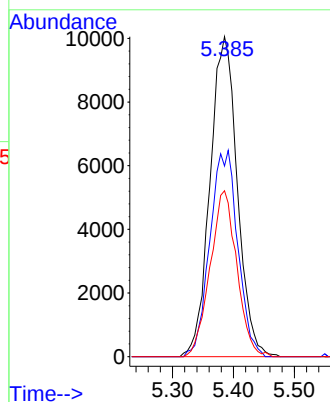
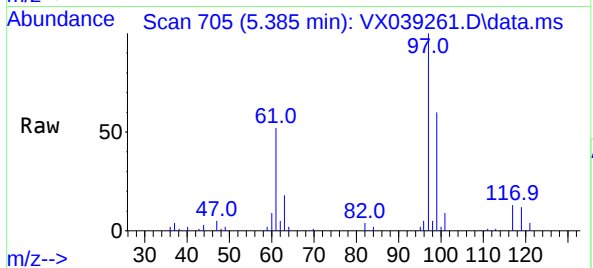




#30
1,1,1-Trichloroethane
Concen: 11.716 ug/L
RT: 5.385 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

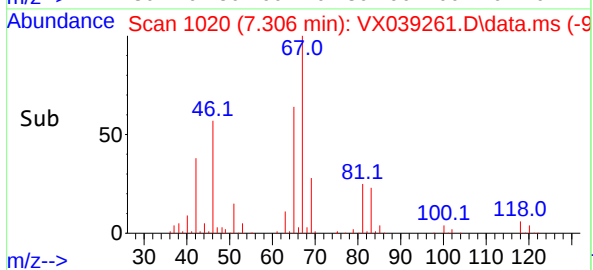
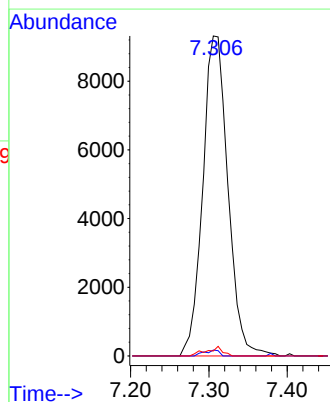
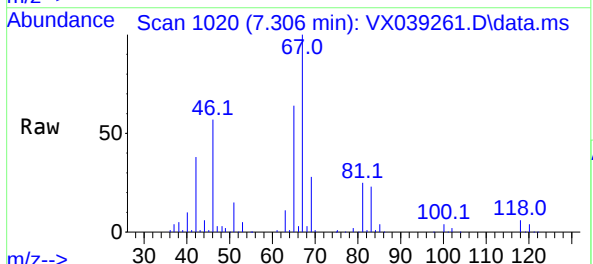
Instrument :
MSVOA_X
ClientSampleId :

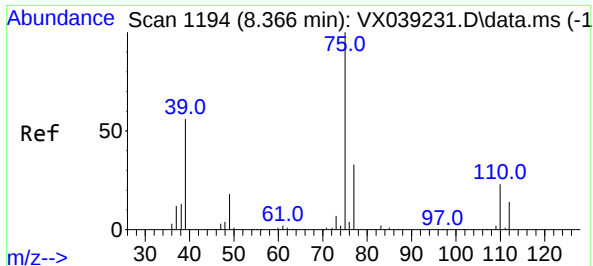
Tgt Ion: 97 Resp: 31290
Ion Ratio Lower Upper
97 100
99 37.6 51.0 76.4#
61 50.4 36.7 55.1



#35
Methylcyclohexane
Concen: 6.771 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.067 min
Lab File: VX039261.D
Acq: 16 Dec 2023 03:54

Tgt Ion: 83 Resp: 20845
Ion Ratio Lower Upper
83 100
55 0.6 62.5 93.7#
98 1.9 36.1 54.1#





#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 8.324 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX039261.D

Acq: 16 Dec 2023 03:54

Instrument :

MSVOA_X

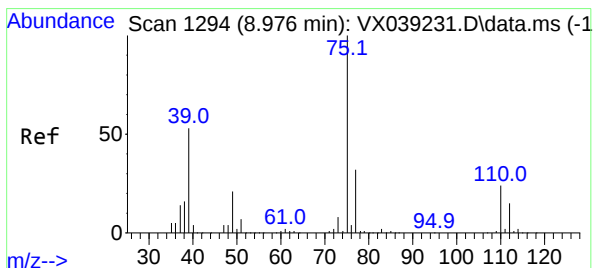
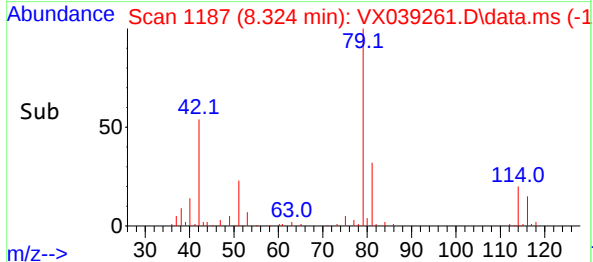
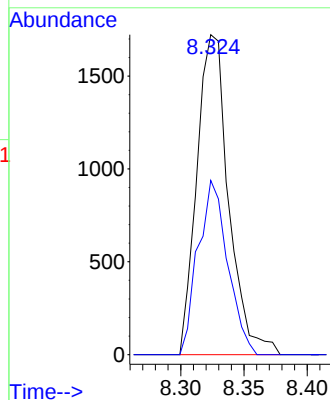
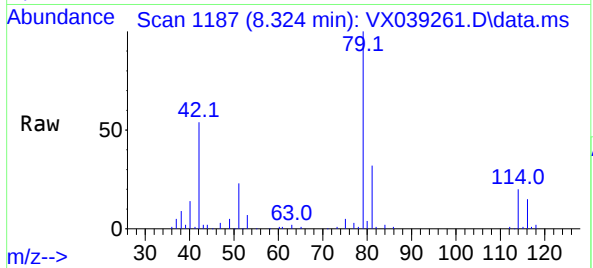
ClientSampleId :

Tgt Ion: 75 Resp: 3018

Ion Ratio Lower Upper

75 100

77 54.4 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.745 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039261.D

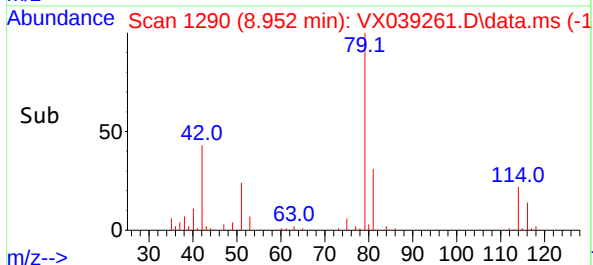
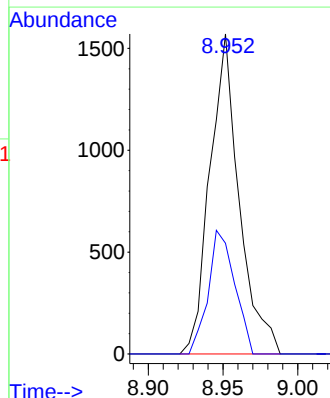
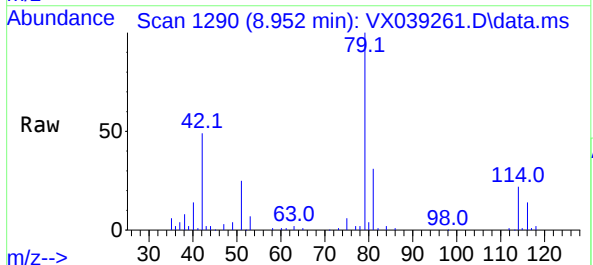
Acq: 16 Dec 2023 03:54

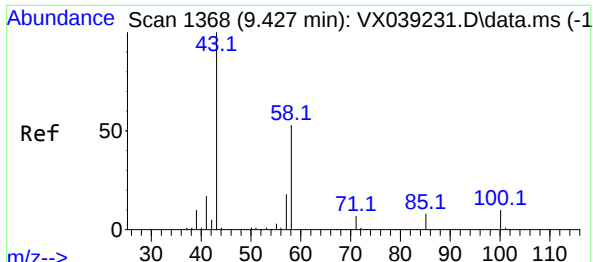
Tgt Ion: 75 Resp: 2139

Ion Ratio Lower Upper

75 100

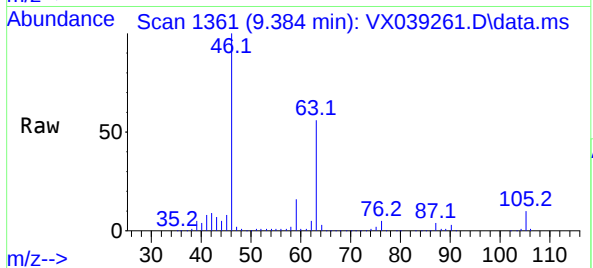
77 34.6 22.0 40.8





#48
 2-Hexanone
 Concen: 5.325 ug/L
 RT: 9.384 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VX039261.D
 Acq: 16 Dec 2023 03:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 43 Resp: 14491

Ion	Ratio	Lower	Upper
43	100		
58	24.6	43.0	64.6#
57	19.7	14.6	21.8
100	0.0	8.2	12.4#

