

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039236.D
 Acq On : 15 Dec 2023 18:21
 Operator : JC/MD
 Sample : 05844-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:52:19 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)

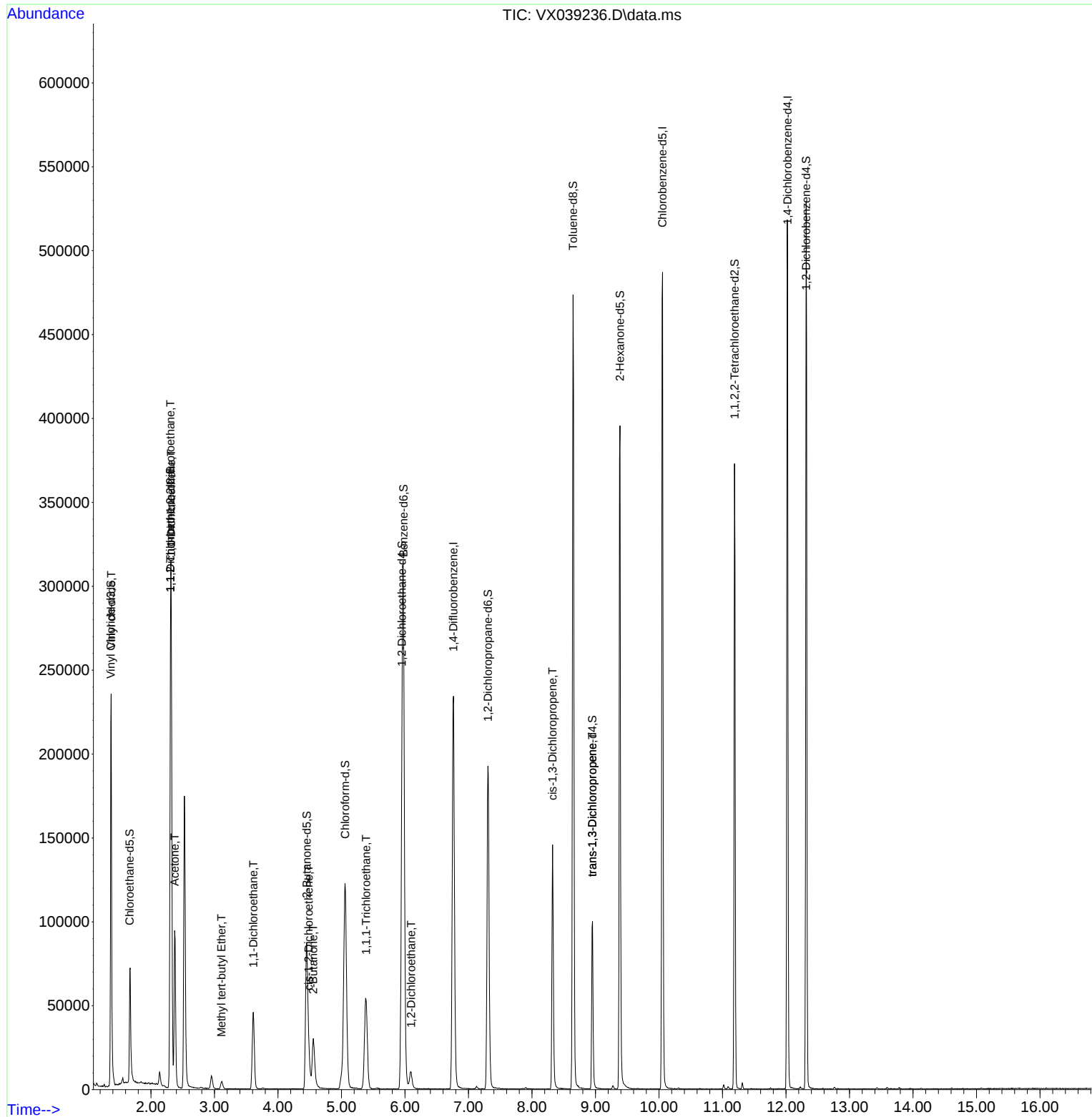
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	227902	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	210327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67200	37.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.180%		
7) Chloroethane-d5	1.666	69	52651	39.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.700%		
11) 1,1-Dichloroethene-d2	2.307	65	34729	44.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.520%		
21) 2-Butanone-d5	4.452	46	152058	93.975	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.970%		
24) Chloroform-d	5.056	84	151019	47.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.440%		
26) 1,2-Dichloroethane-d4	5.952	65	106596	52.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.020%		
32) Benzene-d6	5.977	84	302955	46.672	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.340%		
36) 1,2-Dichloropropane-d6	7.306	67	98818	47.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.600%		
41) Toluene-d8	8.647	98	270242	45.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	8.952	79	46513	43.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.500%		
47) 2-Hexanone-d5	9.385	63	110627	88.667	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.670%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142533	48.098	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	12.317	152	94356	50.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.380%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	99566	53.180	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	2140	1.371	ug/L #	62
12) 1,1-Dichloroethene	2.319	96	58417	39.789	ug/L	95
13) Acetone	2.374	43	97711	62.859	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	4593	0.853	ug/L #	92
19) 1,1-Dichloroethane	3.611	63	51037	16.686	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	4115	2.293	ug/L	90
22) 2-Butanone	4.556	43	53400	27.992	ug/L	99
27) 1,2-Dichloroethane	6.099	62	10829	4.497	ug/L #	88
30) 1,1,1-Trichloroethane	5.385	97	53768	21.069	ug/L	98
39) cis-1,3-Dichloropropene	8.324	75	3689	1.248	ug/L #	74
44) trans-1,3-Dichloropropene	8.952	75	2615	0.953	ug/L	91

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

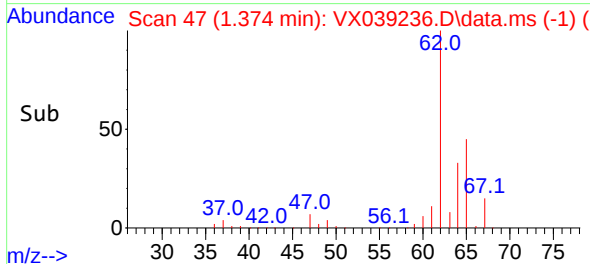
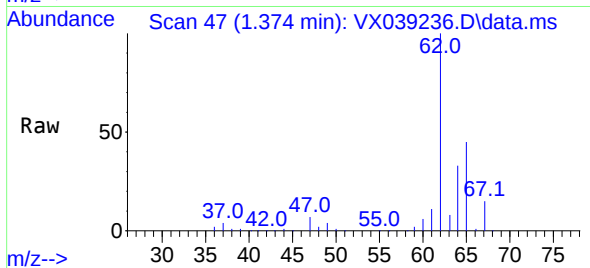
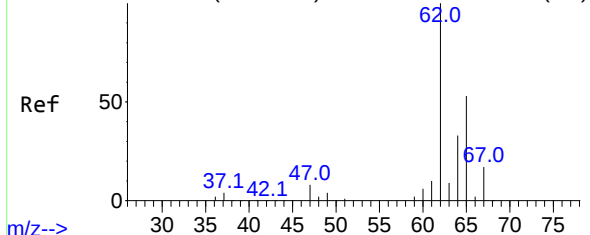
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039236.D
Acq On : 15 Dec 2023 18:21
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :

Quant Time: Dec 16 01:52:19 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



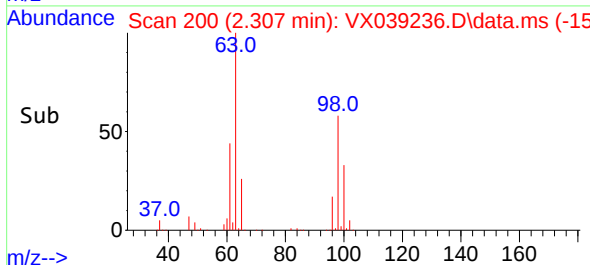
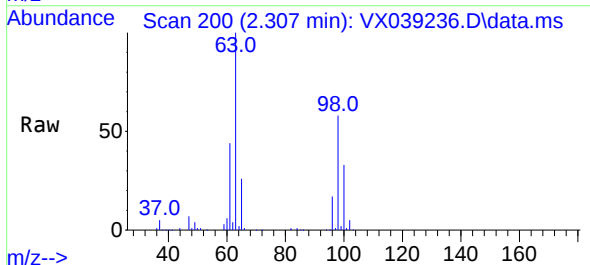
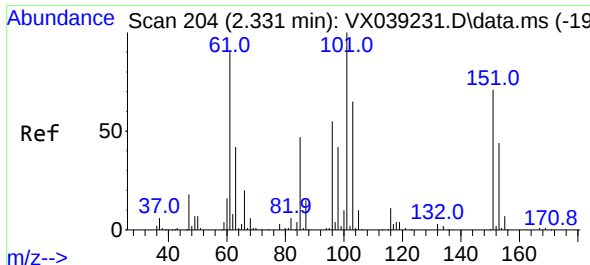
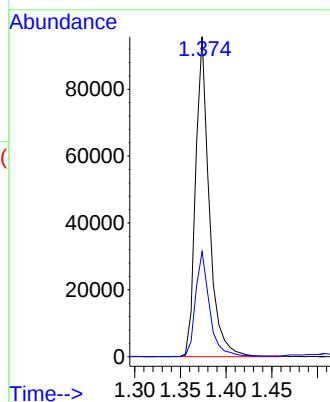
Abundance Scan 47 (1.374 min): VX039231.D\data.ms (-43)



#5
Vinyl chloride
Concen: 53.180 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

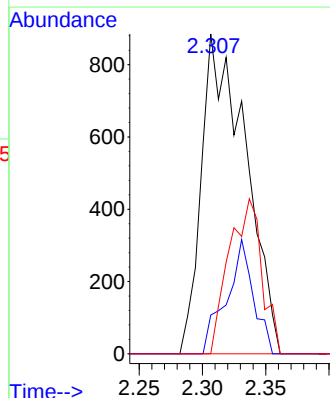
Instrument :
MSVOA_X
ClientSampleId :

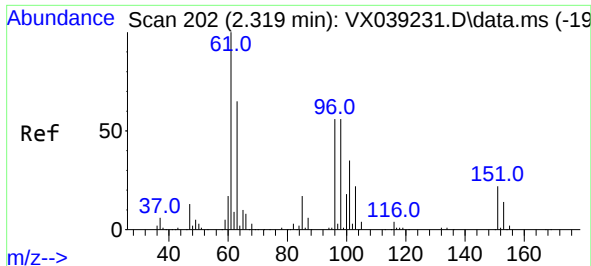
Tgt Ion: 62 Resp: 99566
Ion Ratio Lower Upper
62 100
64 32.9 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.371 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.024 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

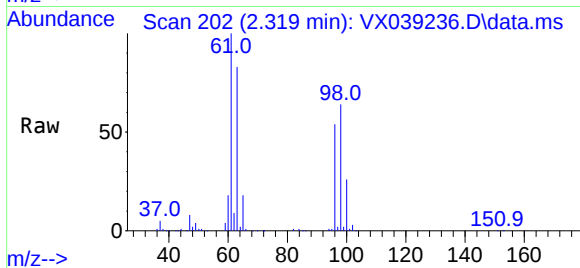
Tgt Ion: 101 Resp: 2140
Ion Ratio Lower Upper
101 100
85 21.9 35.8 53.6#
151 36.2 55.4 83.2#





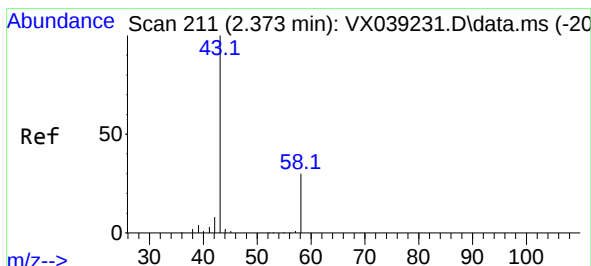
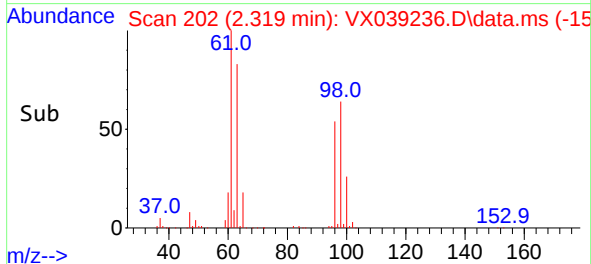
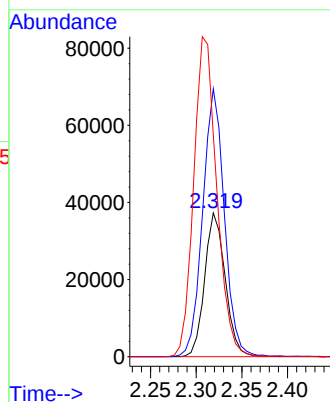
#12
1,1-Dichloroethene
Concen: 39.789 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 58417

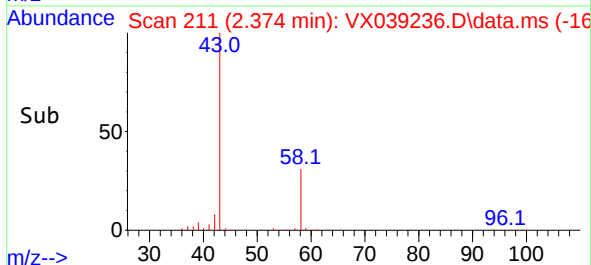
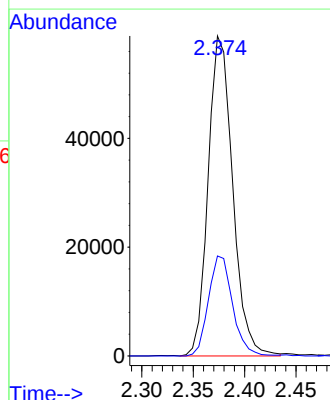
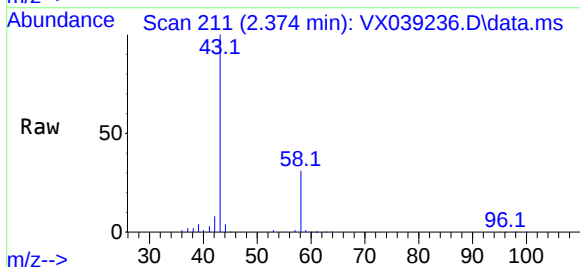
Ion	Ratio	Lower	Upper
96	100		
61	186.3	128.0	237.6
63	154.3	101.5	188.5

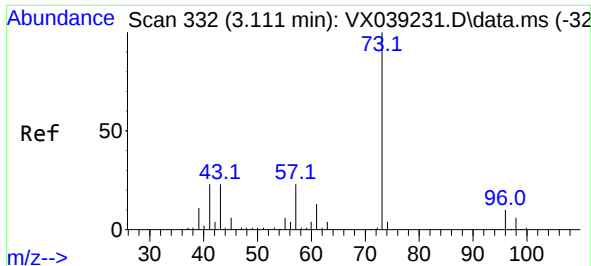


#13
Acetone
Concen: 62.859 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

Tgt Ion: 43 Resp: 97711

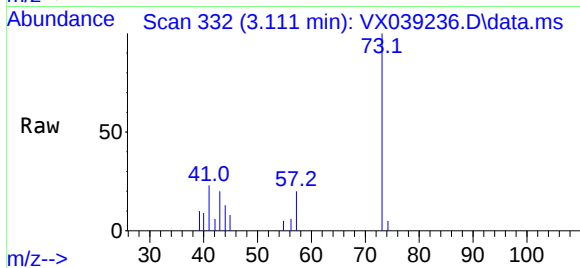
Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	65.8



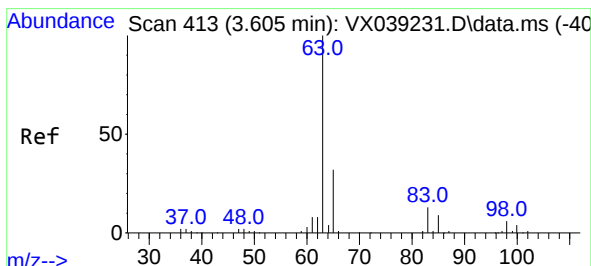
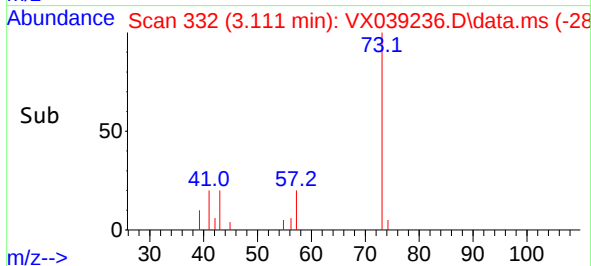
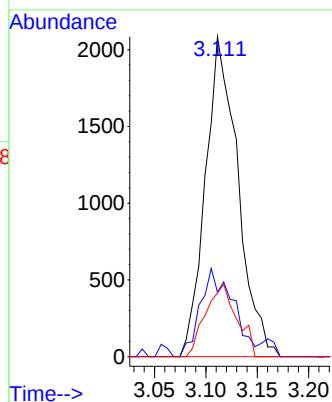


#18
Methyl tert-butyl Ether
Concen: 0.853 ug/L
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :

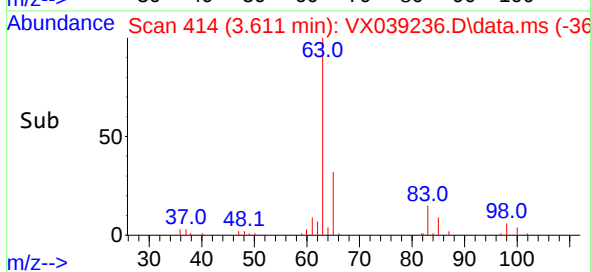
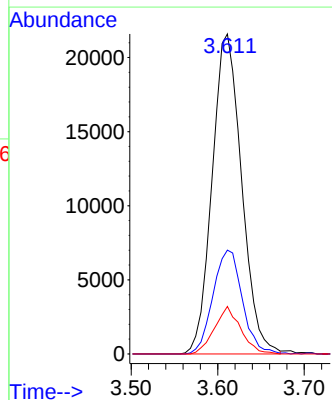
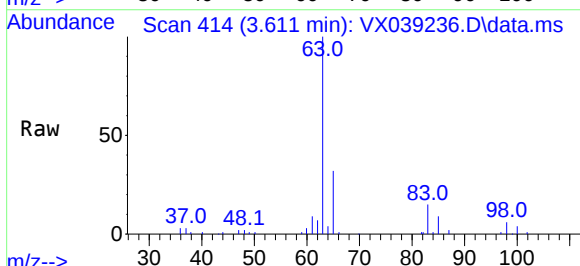


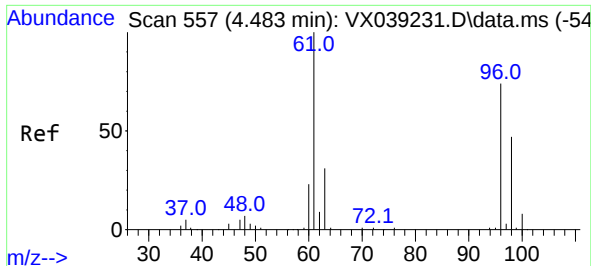
Tgt Ion: 73 Resp: 4593
Ion Ratio Lower Upper
73 100
43 27.7 16.9 25.3#
57 21.8 18.5 27.7



#19
1,1-Dichloroethane
Concen: 16.686 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

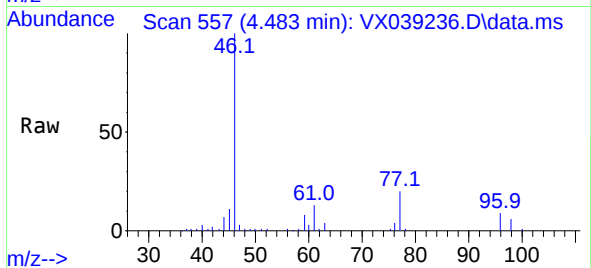
Tgt Ion: 63 Resp: 51037
Ion Ratio Lower Upper
63 100
65 32.4 21.1 39.3
83 14.9 9.7 17.9





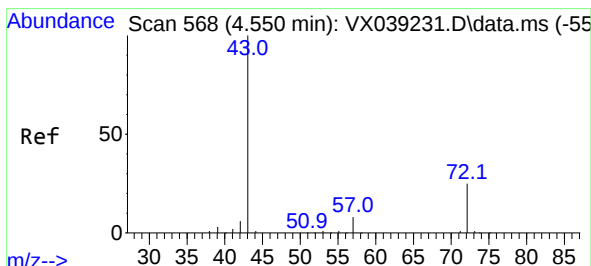
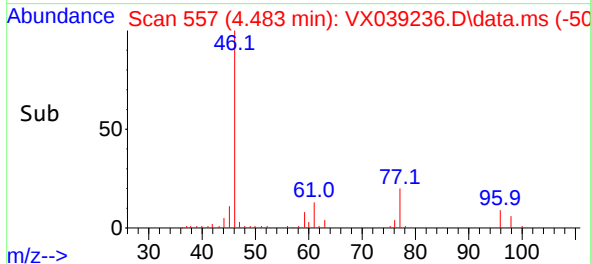
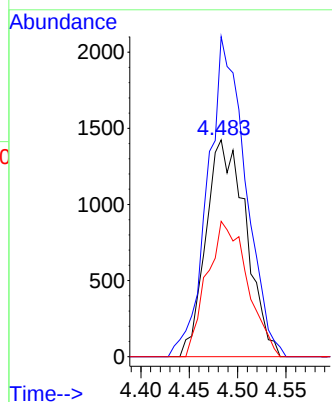
#20
 cis-1,2-Dichloroethene
 Concen: 2.293 ug/L
 RT: 4.483 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX039236.D
 Acq: 15 Dec 2023 18:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 4115

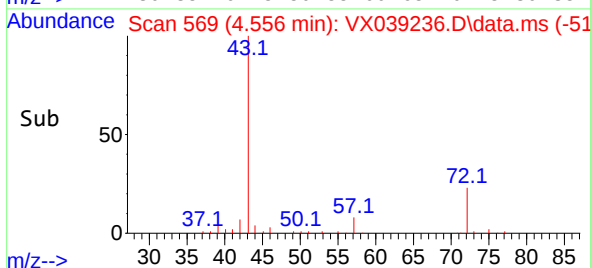
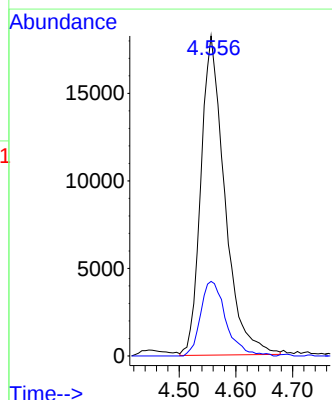
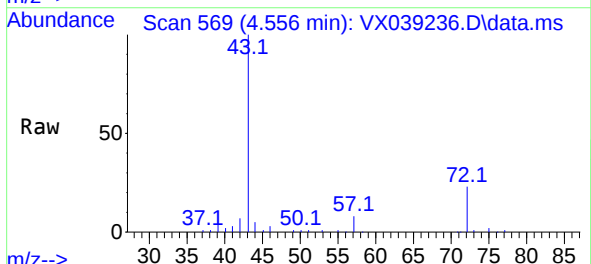
Ion	Ratio	Lower	Upper
96	100		
61	147.6	91.7	170.3
98	62.4	44.2	82.2

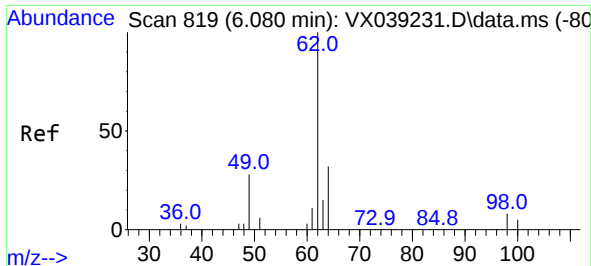


#22
 2-Butanone
 Concen: 27.992 ug/L
 RT: 4.556 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: VX039236.D
 Acq: 15 Dec 2023 18:21

Tgt Ion: 43 Resp: 53400

Ion	Ratio	Lower	Upper
43	100		
72	24.6	12.6	37.6

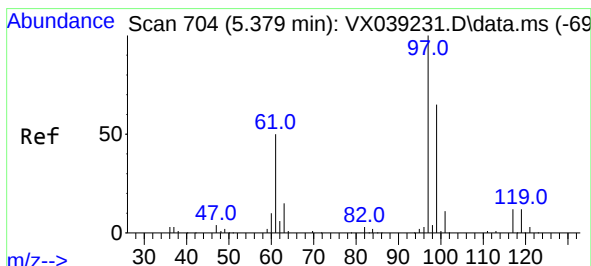
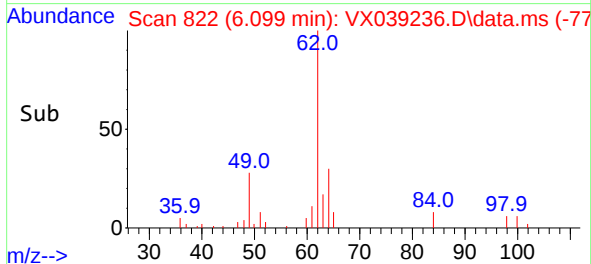
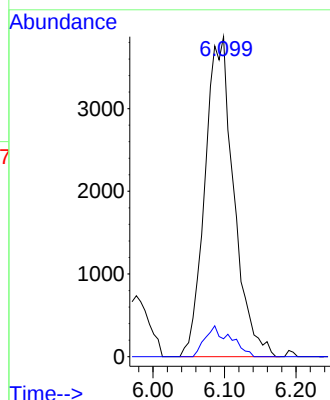
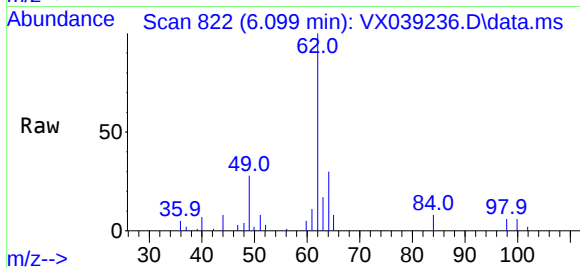




#27
1,2-Dichloroethane
Concen: 4.497 ug/L
RT: 6.099 min Scan# 819
Delta R.T. 0.018 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

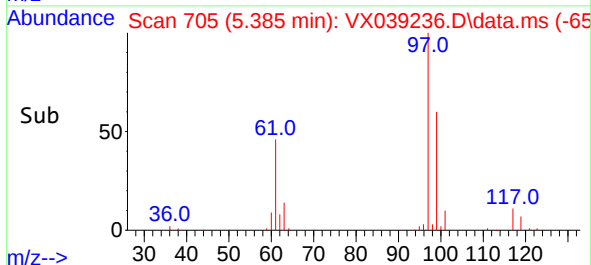
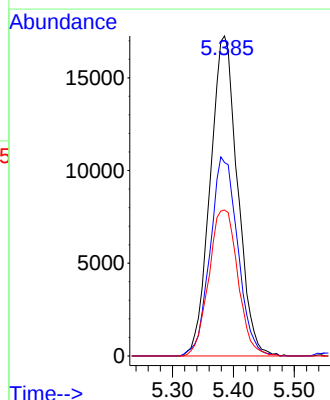
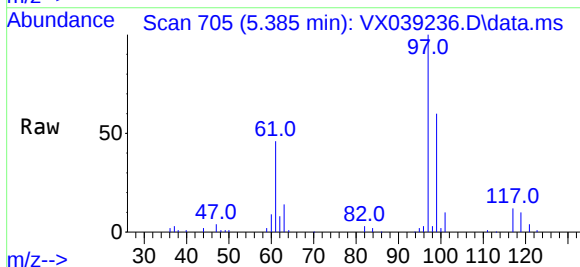
Instrument :
MSVOA_X
ClientSampleId :

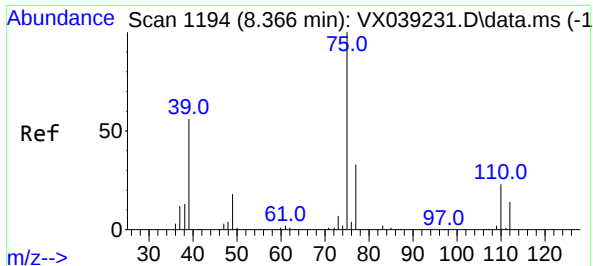
Tgt Ion: 62 Resp: 10829
Ion Ratio Lower Upper
62 100
98 5.6 8.0 12.0#



#30
1,1,1-Trichloroethane
Concen: 21.069 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039236.D
Acq: 15 Dec 2023 18:21

Tgt Ion: 97 Resp: 53768
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.4
61 48.2 36.7 55.1





#39

cis-1,3-Dichloropropene

Concen: 1.248 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039236.D

Acq: 15 Dec 2023 18:21

Instrument :

MSVOA_X

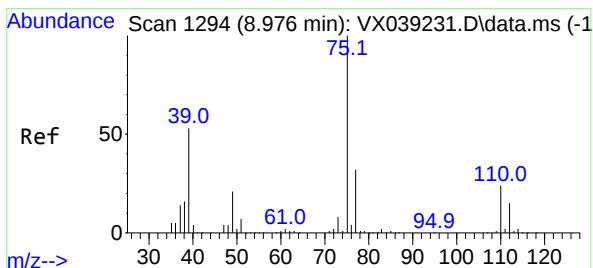
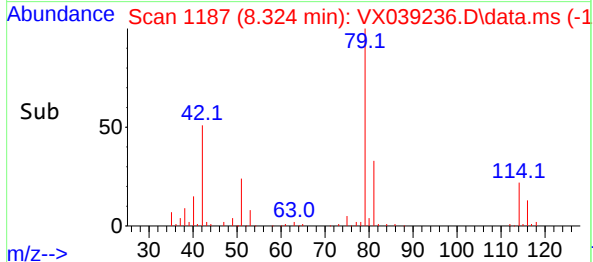
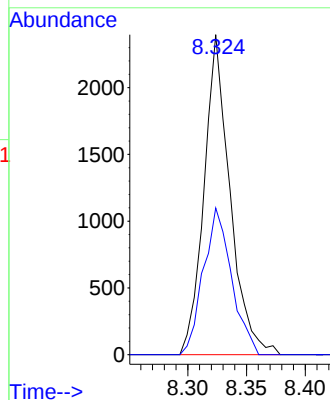
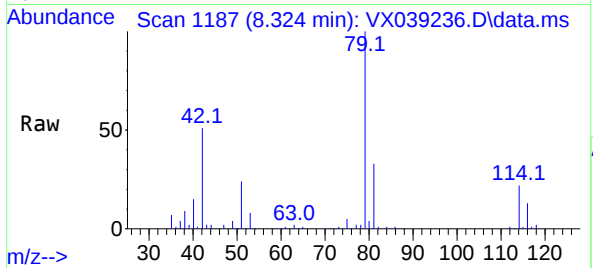
ClientSampleId :

Tgt Ion: 75 Resp: 3689

Ion Ratio Lower Upper

75 100

77 45.8 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.953 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039236.D

Acq: 15 Dec 2023 18:21

Tgt Ion: 75 Resp: 2615

Ion Ratio Lower Upper

75 100

77 36.3 22.0 40.8

