

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039244.D
 Acq On : 15 Dec 2023 21:25
 Operator : JC/MD
 Sample : 05844-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 05:06:58 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)

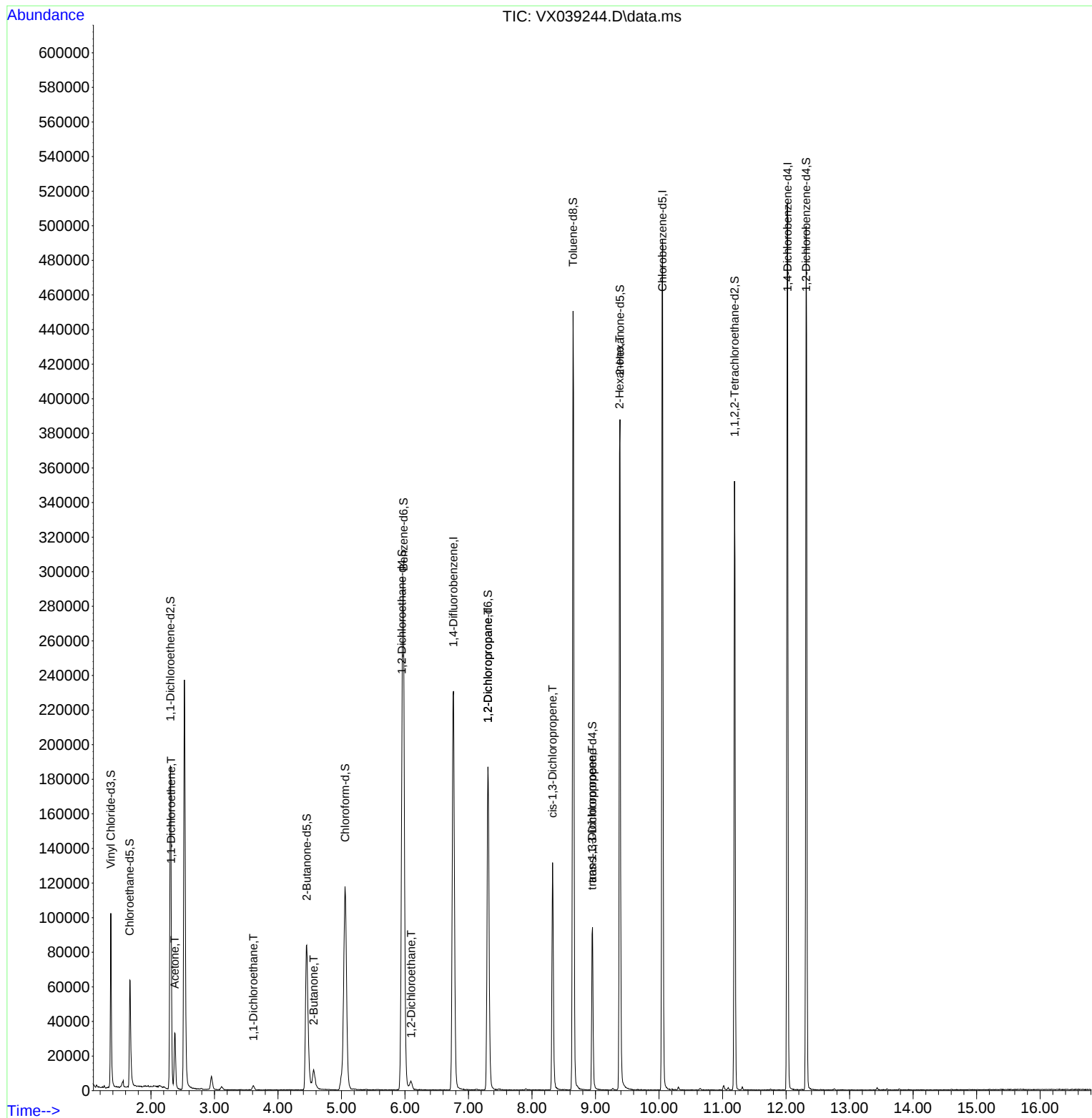
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	228724	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211530	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97867	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63396	35.338	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.680%		
7) Chloroethane-d5	1.666	69	49430	37.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.560%		
11) 1,1-Dichloroethene-d2	2.306	65	33288	42.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.540%		
21) 2-Butanone-d5	4.452	46	149788	92.239	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.240%		
24) Chloroform-d	5.056	84	143308	45.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.260%		
26) 1,2-Dichloroethane-d4	5.952	65	100666	48.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.880%		
32) Benzene-d6	5.976	84	288779	44.235	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.480%		
36) 1,2-Dichloropropane-d6	7.306	67	94263	44.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.740%		
41) Toluene-d8	8.647	98	258216	43.646	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.300%		
43) trans-1,3-Dichloroprop...	8.952	79	44092	41.241	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.480%		
47) 2-Hexanone-d5	9.384	63	106396	84.790	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.790%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136047	45.648	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.300%		
66) 1,2-Dichlorobenzene-d4	12.317	152	90646	49.001	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.000%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	2560	1.737	ug/L #	1
13) Acetone	2.373	43	34629	22.197	ug/L	96
19) 1,1-Dichloroethane	3.611	63	3069	1.000	ug/L	96
22) 2-Butanone	4.562	43	19219	10.038	ug/L	99
27) 1,2-Dichloroethane	6.098	62	4434	1.835	ug/L #	86
37) 1,2-Dichloropropane	7.306	63	11453	6.143	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3236	1.088	ug/L #	58
44) trans-1,3-Dichloropropene	8.945	75	2131	0.772	ug/L	86
48) 2-Hexanone	9.378	43	18172	6.949	ug/L #	64

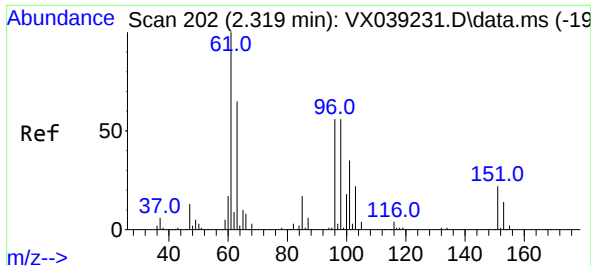
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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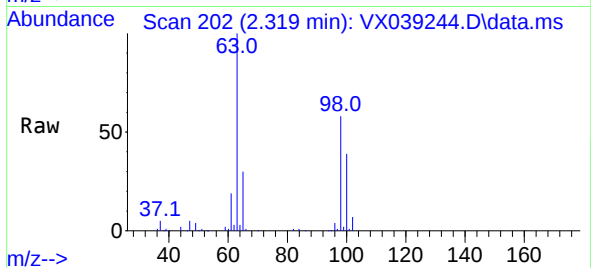
Quant Time: Dec 16 05:06:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
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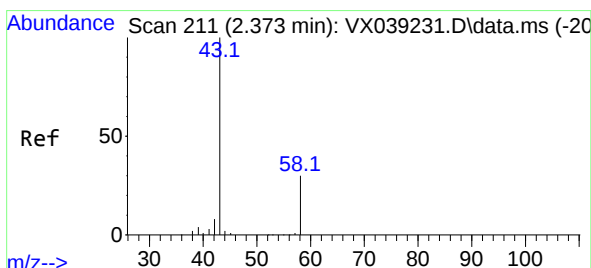
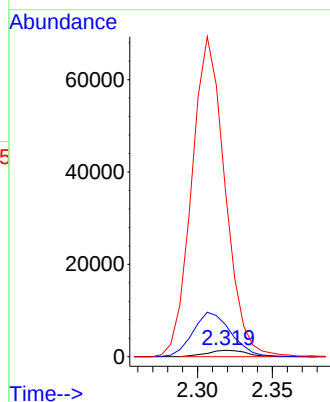
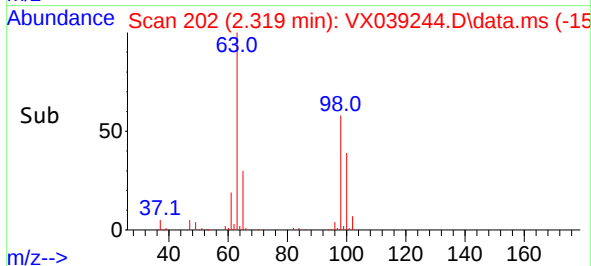


#12
1,1-Dichloroethene
Concen: 1.737 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039244.D
Acq: 15 Dec 2023 21:25

Instrument :
MSVOA_X
ClientSampleId :

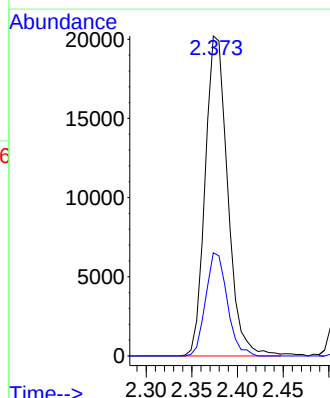
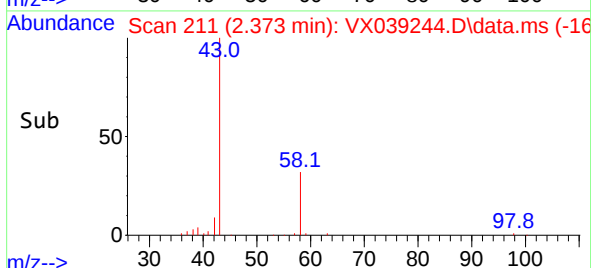
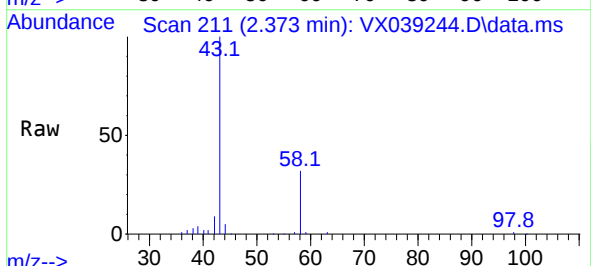


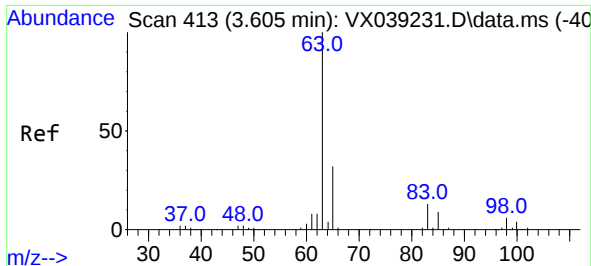
Tgt Ion: 96 Resp: 2560
Ion Ratio Lower Upper
96 100
61 502.6 128.0 237.6#
63 2602.9 101.5 188.5#



#13
Acetone
Concen: 22.197 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039244.D
Acq: 15 Dec 2023 21:25

Tgt Ion: 43 Resp: 34629
Ion Ratio Lower Upper
43 100
58 30.7 0.0 65.8





#19

1,1-Dichloroethane

Concen: 1.000 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

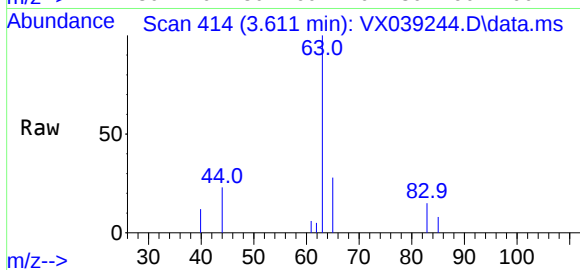
Lab File: VX039244.D

Acq: 15 Dec 2023 21:25

Instrument :

MSVOA_X

ClientSampleId :



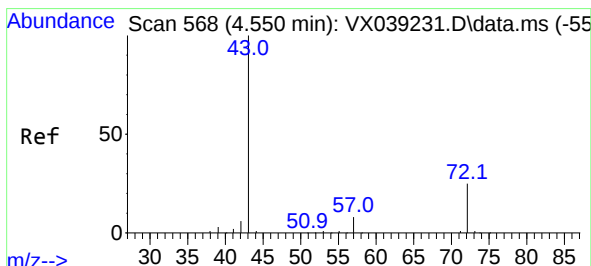
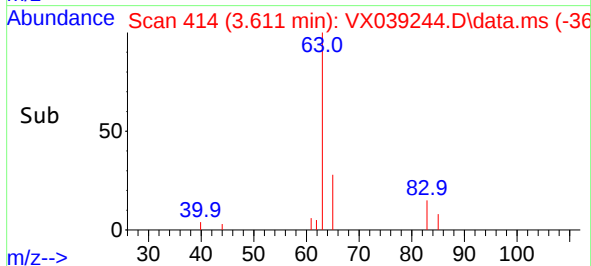
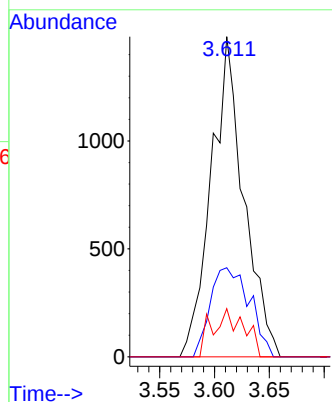
Tgt Ion: 63 Resp: 3069

Ion Ratio Lower Upper

63 100

65 27.8 21.1 39.3

83 15.0 9.7 17.9



#22

2-Butanone

Concen: 10.038 ug/L

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX039244.D

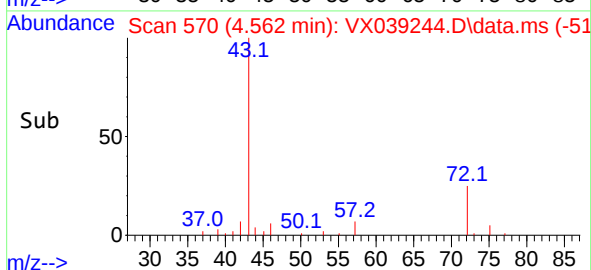
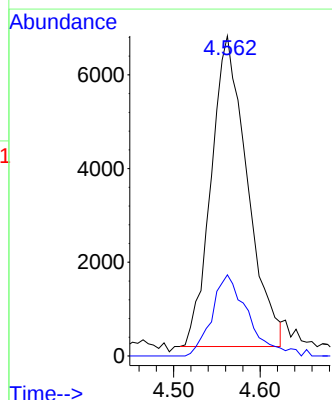
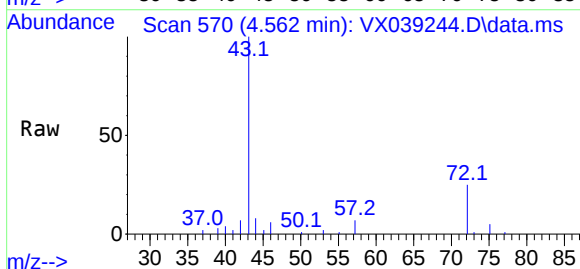
Acq: 15 Dec 2023 21:25

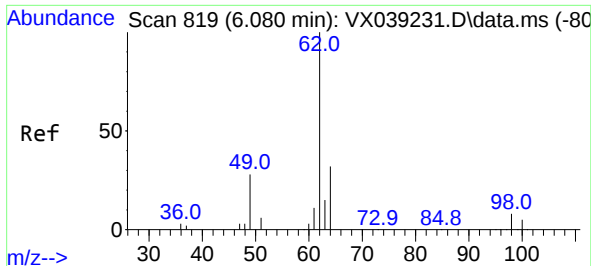
Tgt Ion: 43 Resp: 19219

Ion Ratio Lower Upper

43 100

72 25.7 12.6 37.6

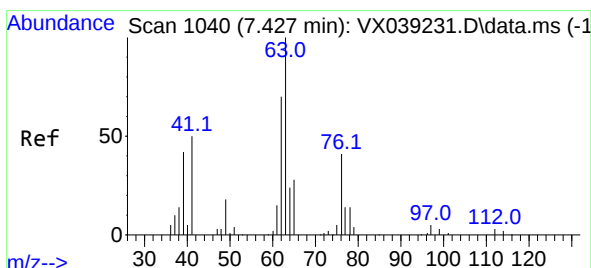
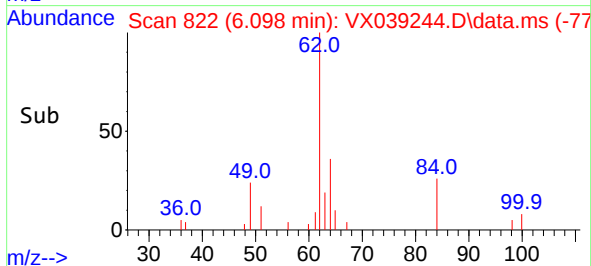
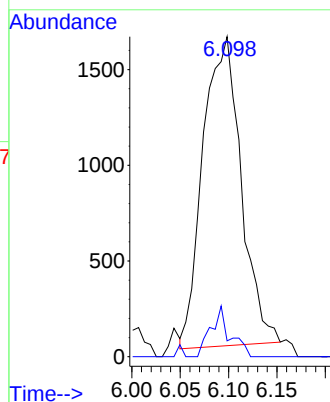
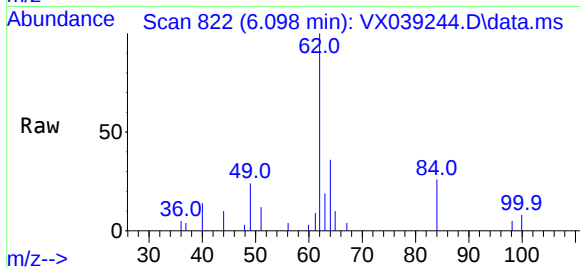




#27
1,2-Dichloroethane
Concen: 1.835 ug/L
RT: 6.098 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX039244.D
Acq: 15 Dec 2023 21:25

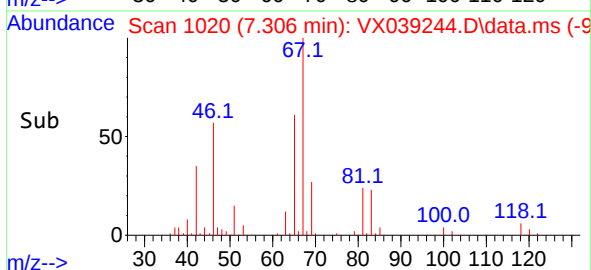
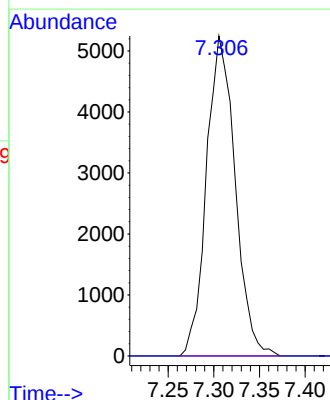
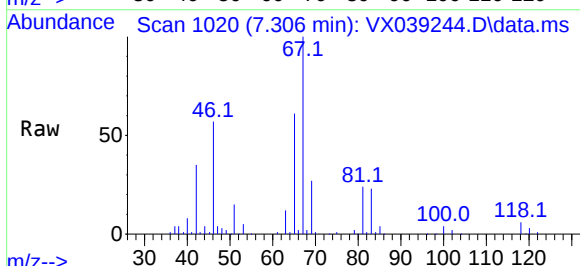
Instrument :
MSVOA_X
ClientSampleId :

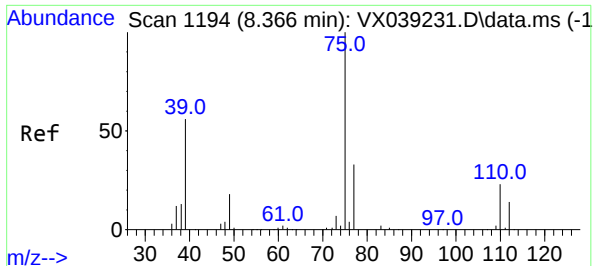
Tgt Ion: 62 Resp: 4434
Ion Ratio Lower Upper
62 100
98 5.0 8.0 12.0#



#37
1,2-Dichloropropane
Concen: 6.143 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039244.D
Acq: 15 Dec 2023 21:25

Tgt Ion: 63 Resp: 11453
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.088 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039244.D

Acq: 15 Dec 2023 21:25

Instrument :

MSVOA_X

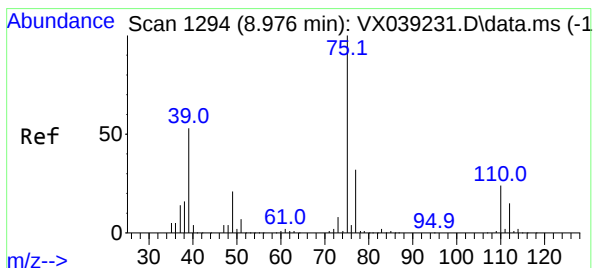
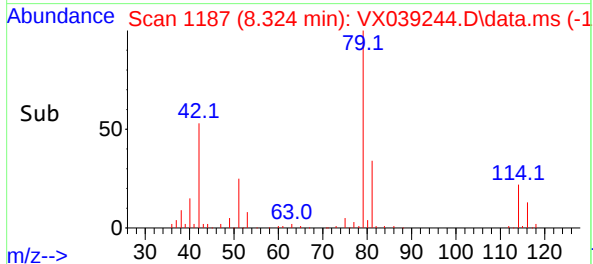
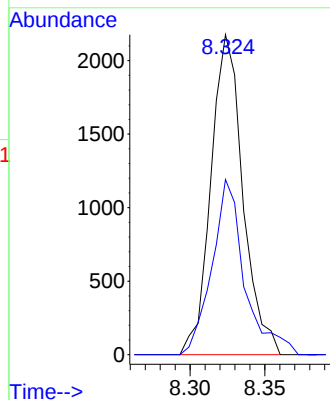
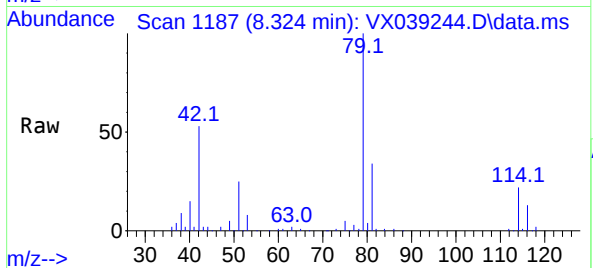
ClientSampleId :

Tgt Ion: 75 Resp: 3236

Ion Ratio Lower Upper

75 100

77 54.7 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.772 ug/L

RT: 8.945 min Scan# 1289

Delta R.T. -0.025 min

Lab File: VX039244.D

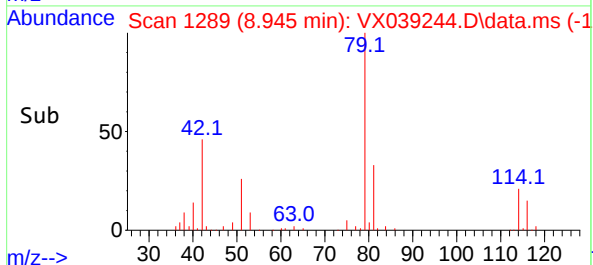
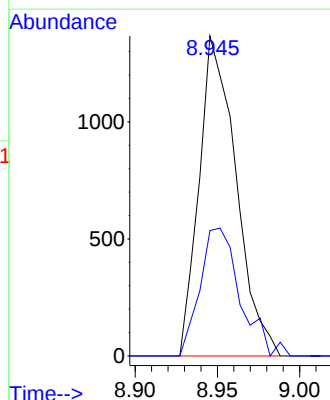
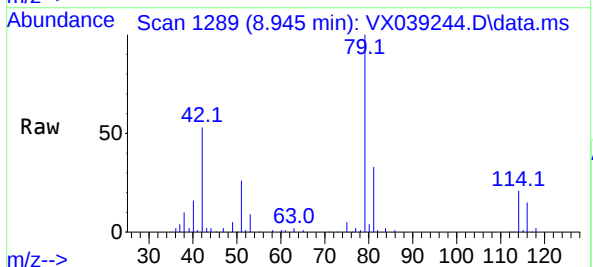
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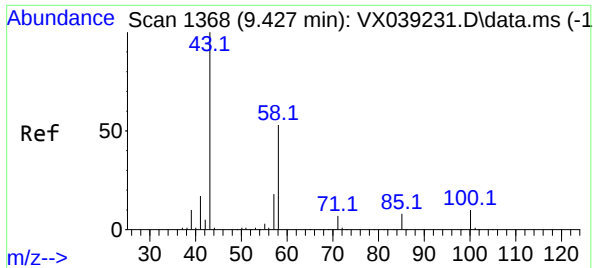
Tgt Ion: 75 Resp: 2131

Ion Ratio Lower Upper

75 100

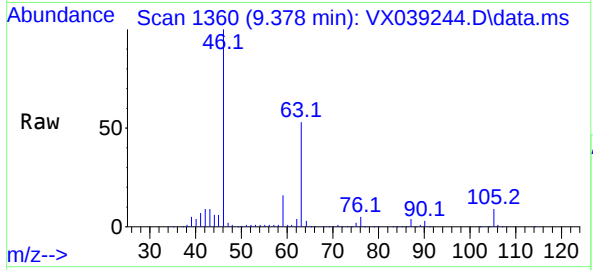
77 39.2 22.0 40.8





#48
 2-Hexanone
 Concen: 6.949 ug/L
 RT: 9.378 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VX039244.D
 Acq: 15 Dec 2023 21:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 43 Resp: 18172

Ion	Ratio	Lower	Upper
43	100		
58	19.0	43.0	64.6#
57	16.8	14.6	21.8
100	0.0	8.2	12.4#

