

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039260.D
 Acq On : 16 Dec 2023 03:32
 Operator : JC/MD
 Sample : 05845-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 04:21:40 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)

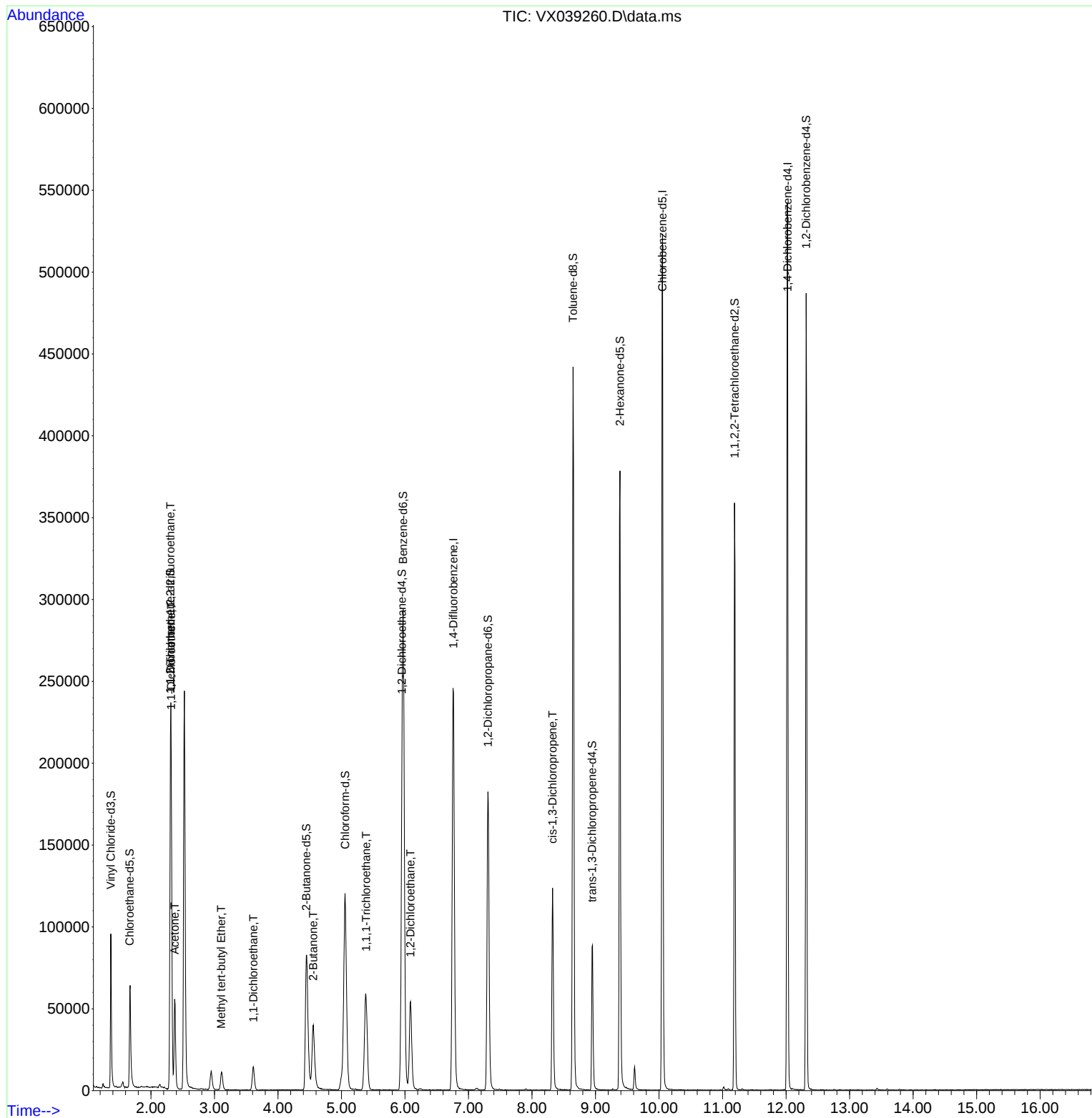
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	240402	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223646	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104097	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60244	31.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.900%
7) Chloroethane-d5	1.666	69	49084	35.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.440%
11) 1,1-Dichloroethene-d2	2.306	65	32397	39.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.280%
21) 2-Butanone-d5	4.446	46	148208	86.833	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.830%
24) Chloroform-d	5.056	84	141820	42.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.980%
26) 1,2-Dichloroethane-d4	5.952	65	100398	46.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
32) Benzene-d6	5.970	84	283287	41.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.080%
36) 1,2-Dichloropropane-d6	7.306	67	93063	41.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	8.647	98	253609	40.545	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.100%
43) trans-1,3-Dichloroprop...	8.945	79	42233	37.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.720%
47) 2-Hexanone-d5	9.384	63	104459	78.737	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.740%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135615	43.038	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	87961	44.704	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1339	0.813	ug/L #	26
12) 1,1-Dichloroethene	2.319	96	32582	21.038	ug/L #	60
13) Acetone	2.373	43	57365	34.985	ug/L	97
18) Methyl tert-butyl Ether	3.105	73	11609	2.044	ug/L #	95
19) 1,1-Dichloroethane	3.611	63	16200	5.021	ug/L	97
22) 2-Butanone	4.556	43	65148	32.374	ug/L	100
27) 1,2-Dichloroethane	6.086	62	59392	23.383	ug/L #	94
30) 1,1,1-Trichloroethane	5.385	97	56224	20.720	ug/L	97
39) cis-1,3-Dichloropropene	8.324	75	3207	1.020	ug/L #	79

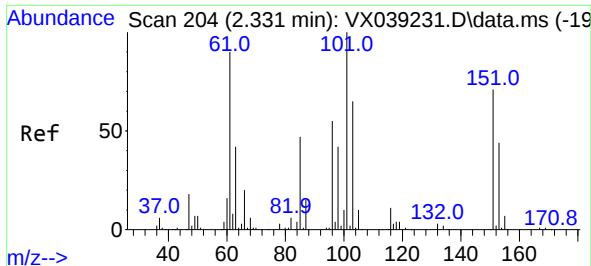
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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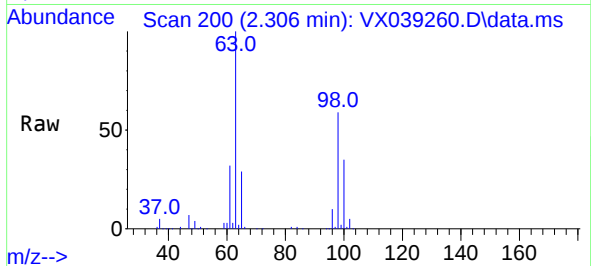
Quant Time: Dec 16 04:21:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
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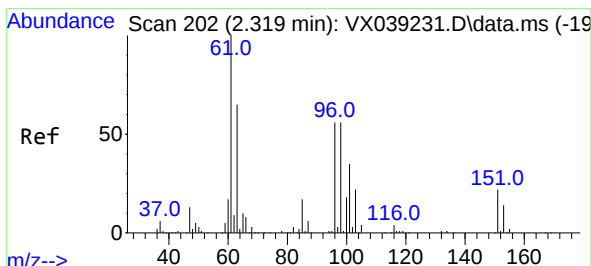
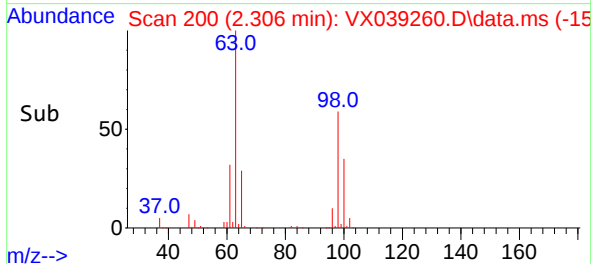
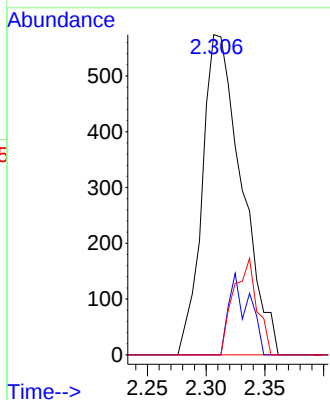


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.813 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX039260.D
Acq: 16 Dec 2023 03:32

Instrument :
MSVOA_X
ClientSampleId :

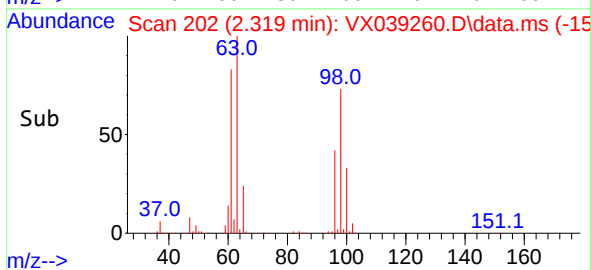
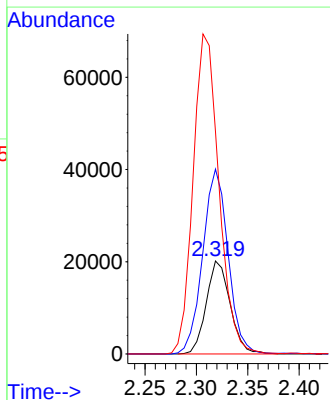
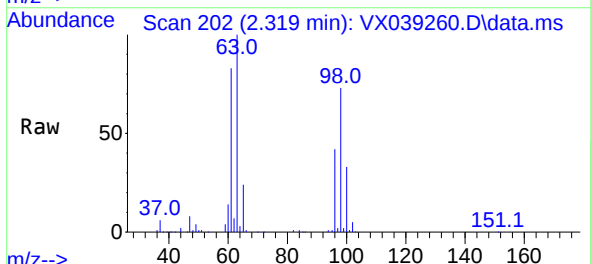


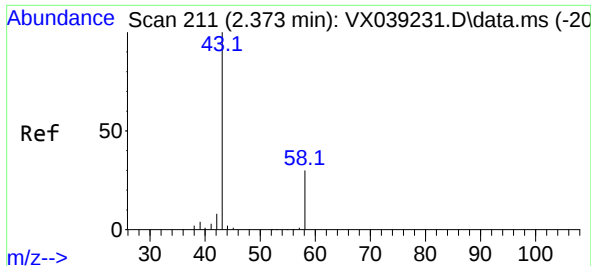
Tgt Ion:101 Resp: 1339
Ion Ratio Lower Upper
101 100
85 8.1 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 21.038 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039260.D
Acq: 16 Dec 2023 03:32

Tgt Ion: 96 Resp: 32582
Ion Ratio Lower Upper
96 100
61 198.8 128.0 237.6
63 239.4 101.5 188.5#





#13

Acetone

Concen: 34.985 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039260.D

Acq: 16 Dec 2023 03:32

Instrument :

MSVOA_X

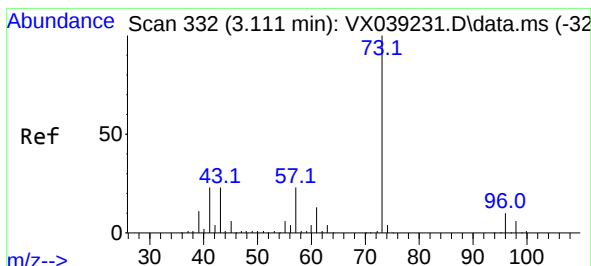
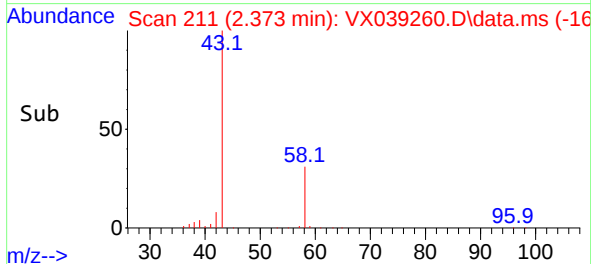
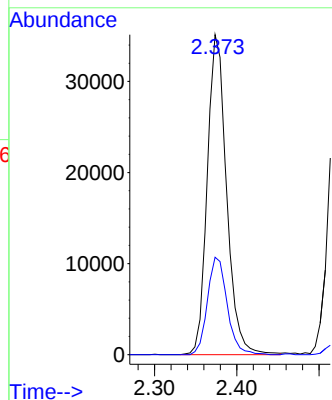
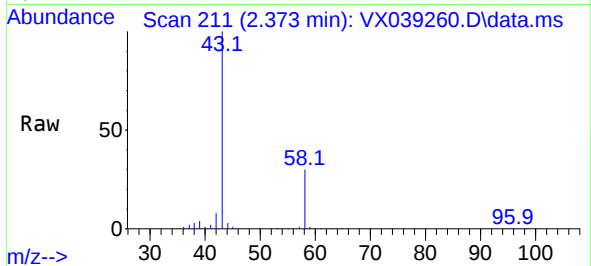
ClientSampleId :

Tgt Ion: 43 Resp: 57365

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.8



#18

Methyl tert-butyl Ether

Concen: 2.044 ug/L

RT: 3.105 min Scan# 331

Delta R.T. -0.000 min

Lab File: VX039260.D

Acq: 16 Dec 2023 03:32

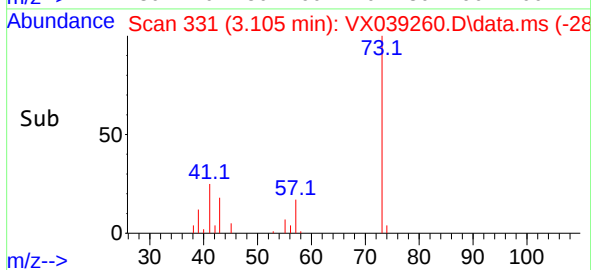
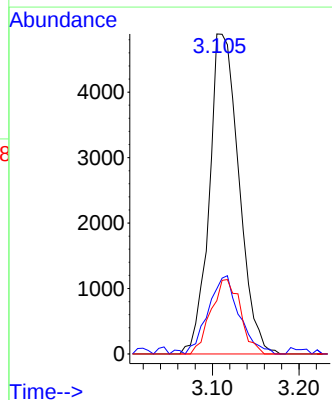
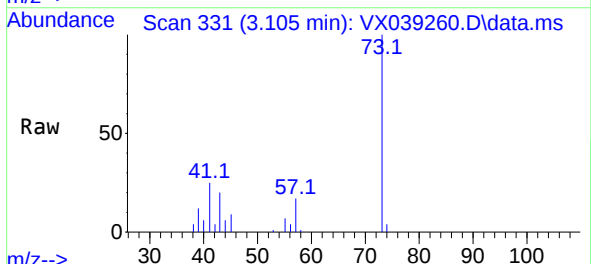
Tgt Ion: 73 Resp: 11609

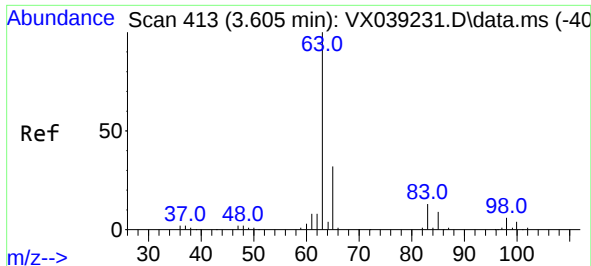
Ion Ratio Lower Upper

73 100

43 25.7 16.9 25.3#

57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 5.021 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039260.D

Acq: 16 Dec 2023 03:32

Instrument :

MSVOA_X

ClientSampleId :

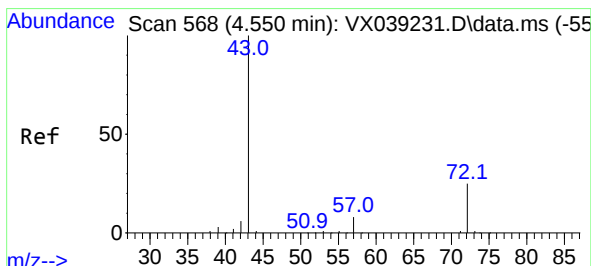
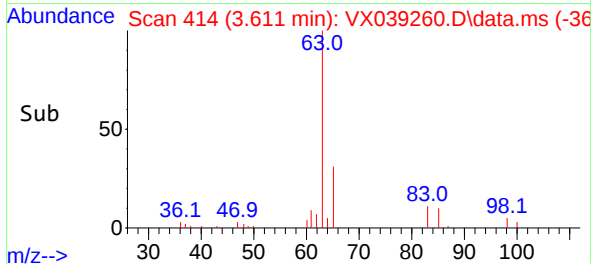
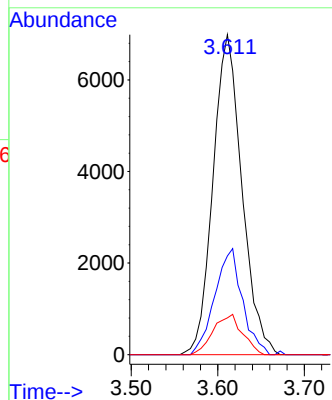
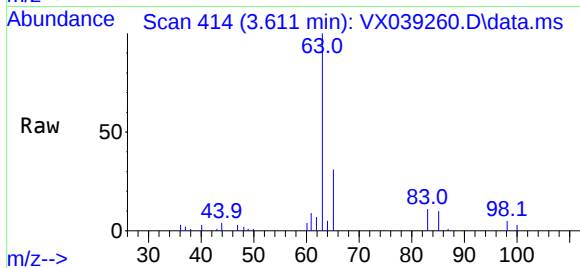
Tgt Ion: 63 Resp: 16200

Ion Ratio Lower Upper

63 100

65 30.9 21.1 39.3

83 11.5 9.7 17.9



#22

2-Butanone

Concen: 32.374 ug/L

RT: 4.556 min Scan# 569

Delta R.T. 0.012 min

Lab File: VX039260.D

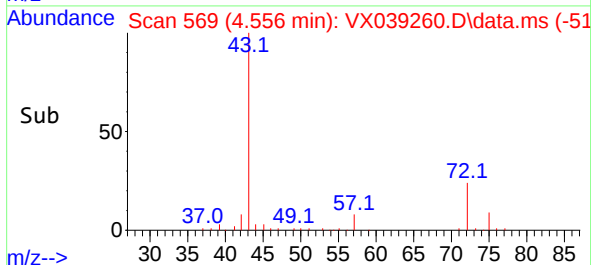
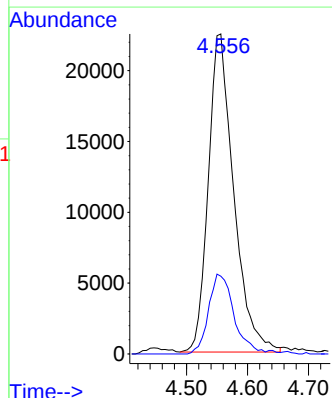
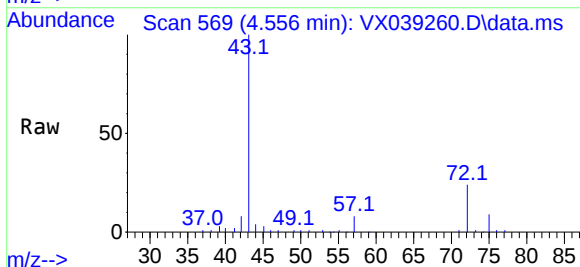
Acq: 16 Dec 2023 03:32

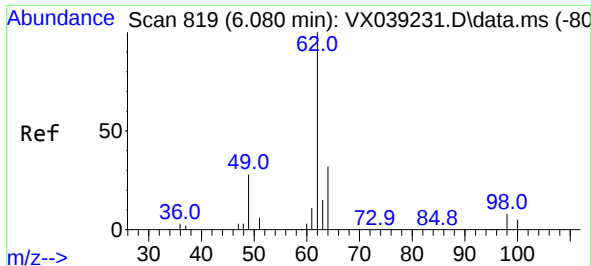
Tgt Ion: 43 Resp: 65148

Ion Ratio Lower Upper

43 100

72 24.9 12.6 37.6





#27

1,2-Dichloroethane

Concen: 23.383 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039260.D

Acq: 16 Dec 2023 03:32

Instrument :

MSVOA_X

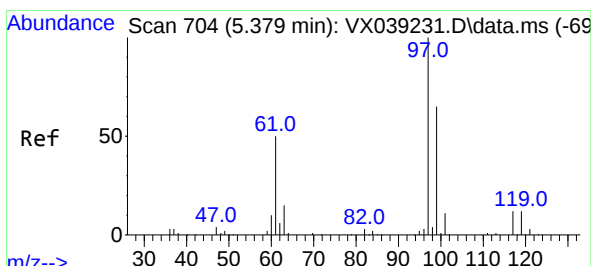
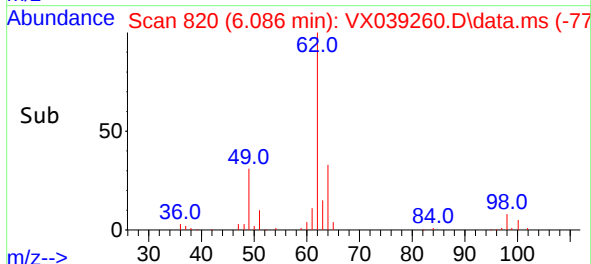
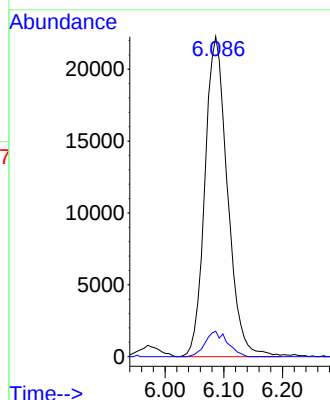
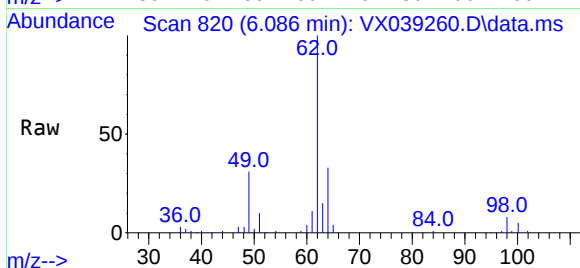
ClientSampleId :

Tgt Ion: 62 Resp: 59392

Ion Ratio Lower Upper

62 100

98 7.9 8.0 12.0#



#30

1,1,1-Trichloroethane

Concen: 20.720 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039260.D

Acq: 16 Dec 2023 03:32

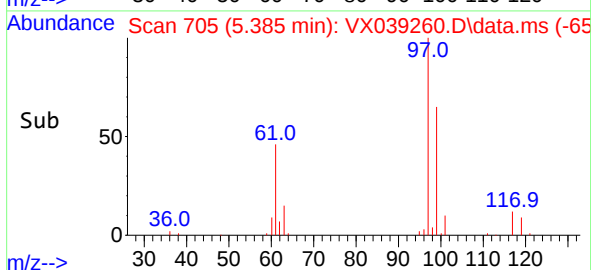
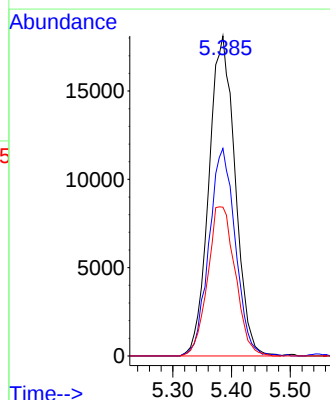
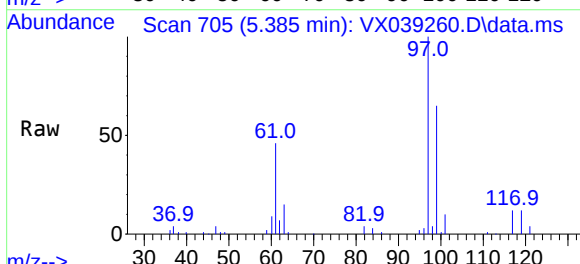
Tgt Ion: 97 Resp: 56224

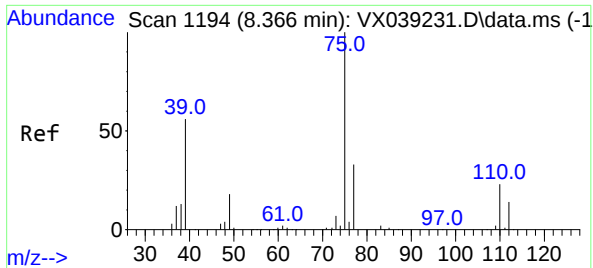
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 48.9 36.7 55.1





#39
cis-1,3-Dichloropropene
Concen: 1.020 ug/L
RT: 8.324 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX039260.D
Acq: 16 Dec 2023 03:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 3207
Ion Ratio Lower Upper
75 100
77 43.2 22.0 40.8#

