

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039266.D
 Acq On : 16 Dec 2023 05:49
 Operator : JC/MD
 Sample : 05845-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

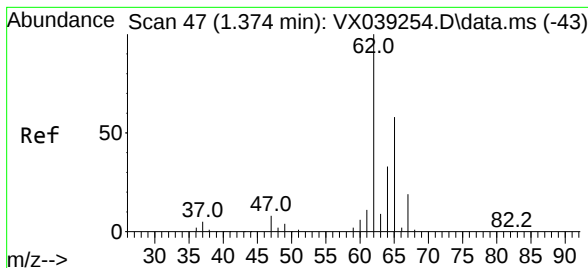
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE7

Quant Time: Dec 16 20:15:47 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	6.757	114	237067	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	218053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55729	29.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.940%#
7) Chloroethane-d5	1.666	69	46213	33.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.240%#
11) 1,1-Dichloroethene-d2	2.307	65	29477	36.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
21) 2-Butanone-d5	4.446	46	138143	82.074	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.070%
24) Chloroform-d	5.056	84	132877	40.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.740%
26) 1,2-Dichloroethane-d4	5.952	65	92665	43.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
32) Benzene-d6	5.970	84	264410	39.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.580%
36) 1,2-Dichloropropane-d6	7.306	67	86993	40.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.340%
41) Toluene-d8	8.647	98	236479	38.776	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.560%#
43) trans-1,3-Dichloroprop...	8.952	79	37339	33.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.760%
47) 2-Hexanone-d5	9.385	63	95948	74.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124902	40.655	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.300%
66) 1,2-Dichlorobenzene-d4	12.317	152	82668	42.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	5990	3.076	ug/L	84
12) 1,1-Dichloroethene	2.319	96	79073	51.776	ug/L	91
13) Acetone	2.374	43	56234	34.778	ug/L	94
19) 1,1-Dichloroethane	3.611	63	38000	11.943	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	23645	12.669	ug/L	97
22) 2-Butanone	4.550	43	70999	35.778	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	6050	2.287	ug/L	94

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



#5

Vinyl chloride

Concen: 3.076 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

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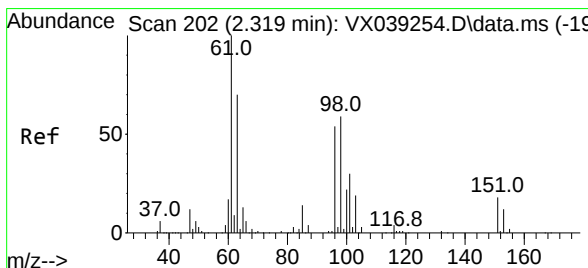
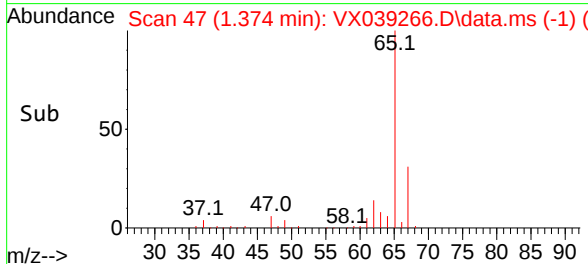
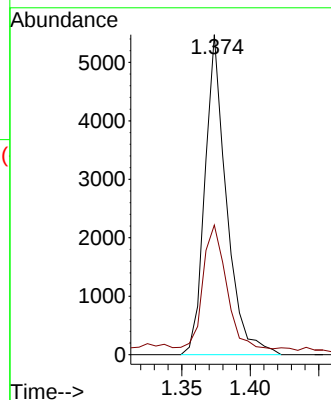
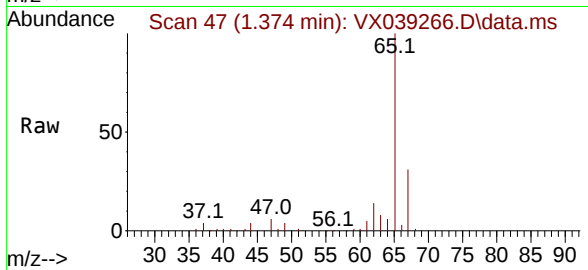
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Tgt Ion: 62 Resp: 5990

Ion Ratio Lower Upper

62 100

64 40.5 22.3 41.3



#12

1,1-Dichloroethene

Concen: 51.776 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039266.D

Acq: 16 Dec 2023 05:49

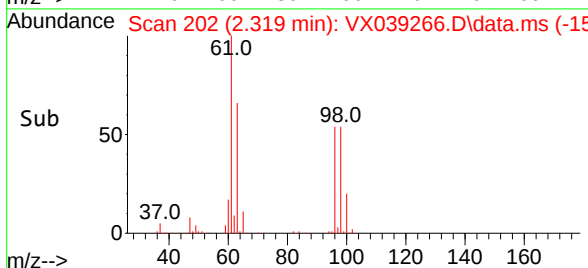
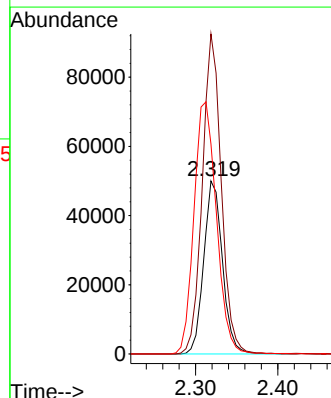
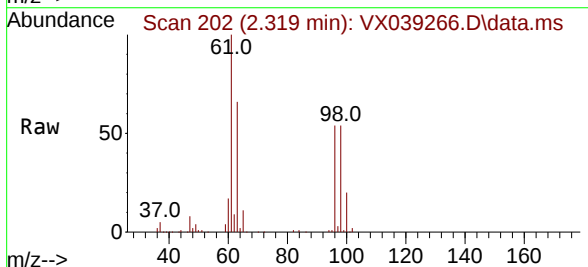
Tgt Ion: 96 Resp: 79073

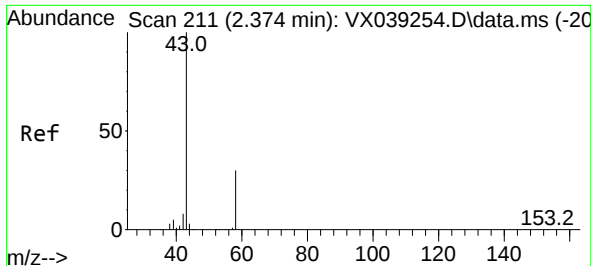
Ion Ratio Lower Upper

96 100

61 185.1 128.0 237.6

63 121.4 101.5 188.5





#13

Acetone

Concen: 34.778 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039266.D

Acq: 16 Dec 2023 05:49

Instrument :

MSVOA_X

ClientSampleId :

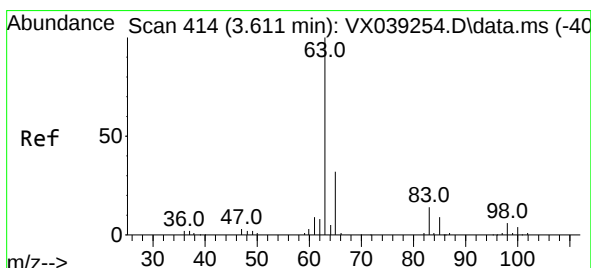
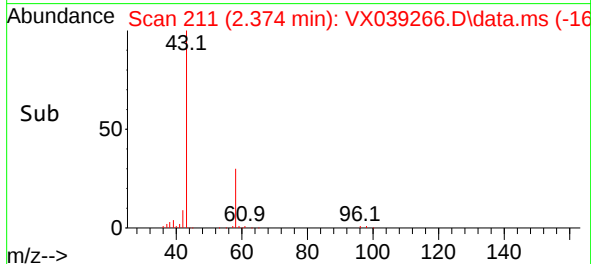
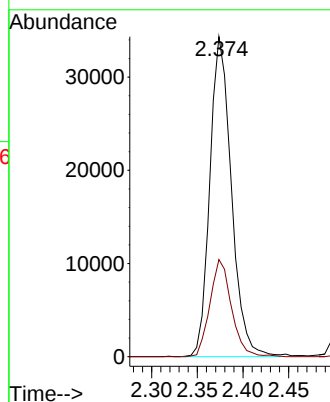
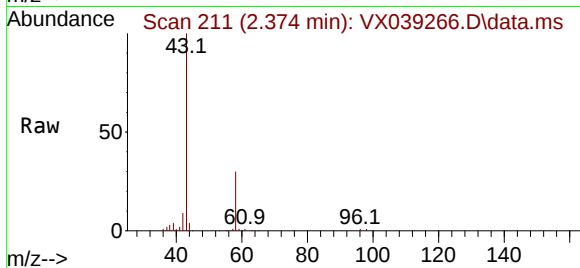
YCHE7

Tgt Ion: 43 Resp: 56234

Ion Ratio Lower Upper

43 100

58 29.7 0.0 65.8



#19

1,1-Dichloroethane

Concen: 11.943 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039266.D

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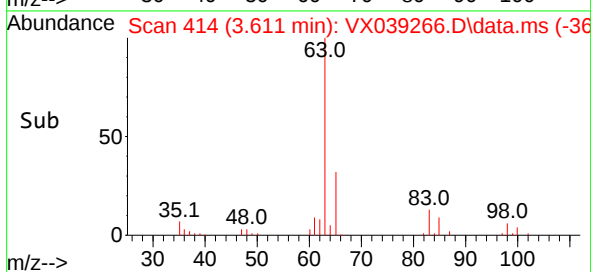
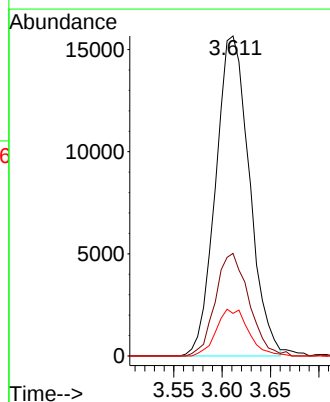
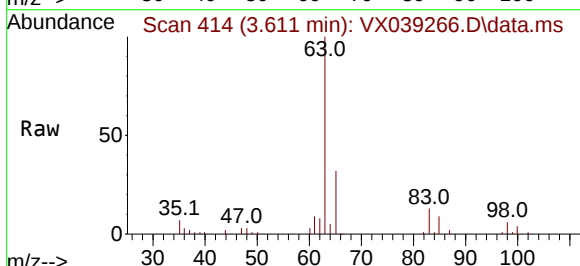
Tgt Ion: 63 Resp: 38000

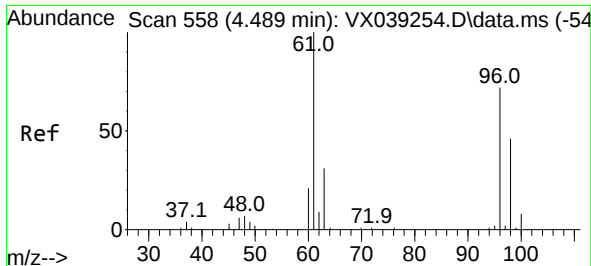
Ion Ratio Lower Upper

63 100

65 32.0 21.1 39.3

83 13.3 9.7 17.9



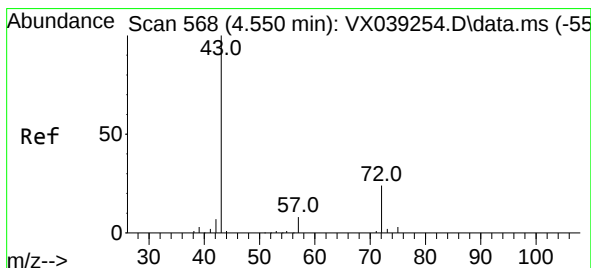
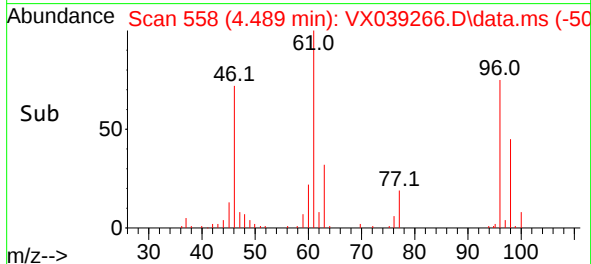
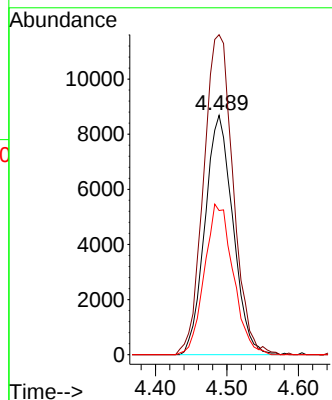
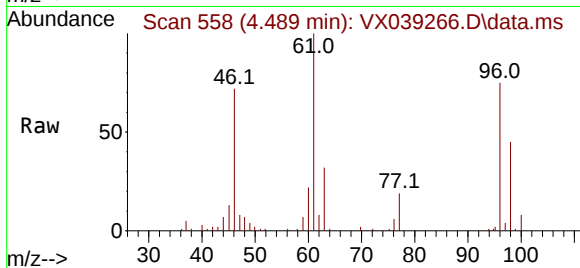


#20
 cis-1,2-Dichloroethene
 Concen: 12.669 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039266.D
 Acq: 16 Dec 2023 05:49

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE7

Tgt Ion: 96 Resp: 23645

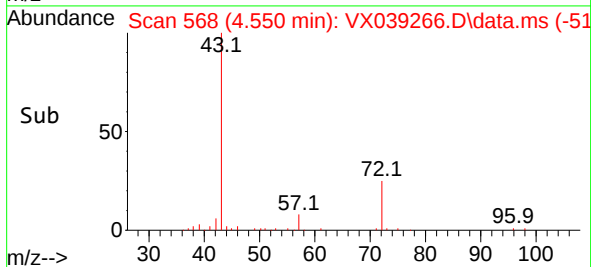
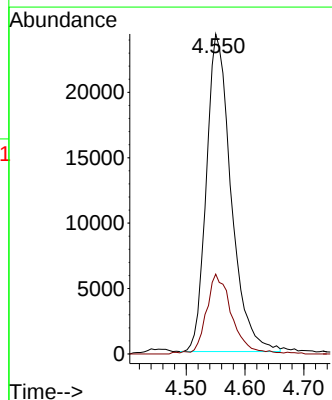
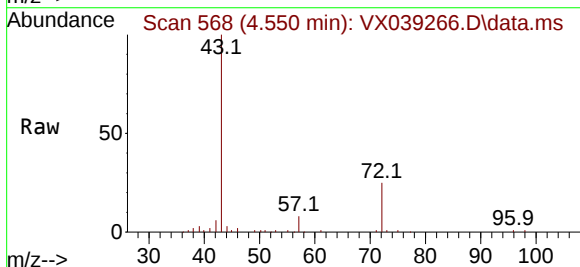
Ion	Ratio	Lower	Upper
96	100		
61	133.7	91.7	170.3
98	60.2	44.2	82.2

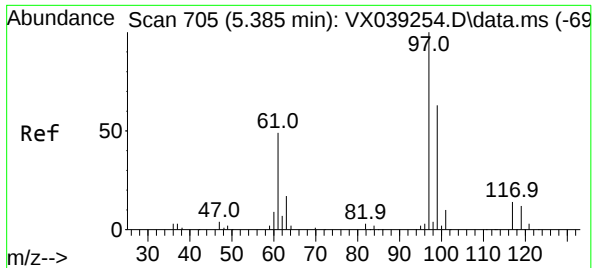


#22
 2-Butanone
 Concen: 35.778 ug/L
 RT: 4.550 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VX039266.D
 Acq: 16 Dec 2023 05:49

Tgt Ion: 43 Resp: 70999

Ion	Ratio	Lower	Upper
43	100		
72	24.1	12.6	37.6





#30
 1,1,1-Trichloroethane
 Concen: 2.287 ug/L
 RT: 5.391 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VX039266.D
 Acq: 16 Dec 2023 05:49

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE7

Tgt Ion: 97	Resp:	6050
Ion	Ratio	Lower Upper
97	100	
99	61.9	51.0 76.4
61	53.4	36.7 55.1

