

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039247.D
 Acq On : 15 Dec 2023 22:34
 Operator : JC/MD
 Sample : 05844-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH6

Quant Time: Dec 16 01:53:44 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)

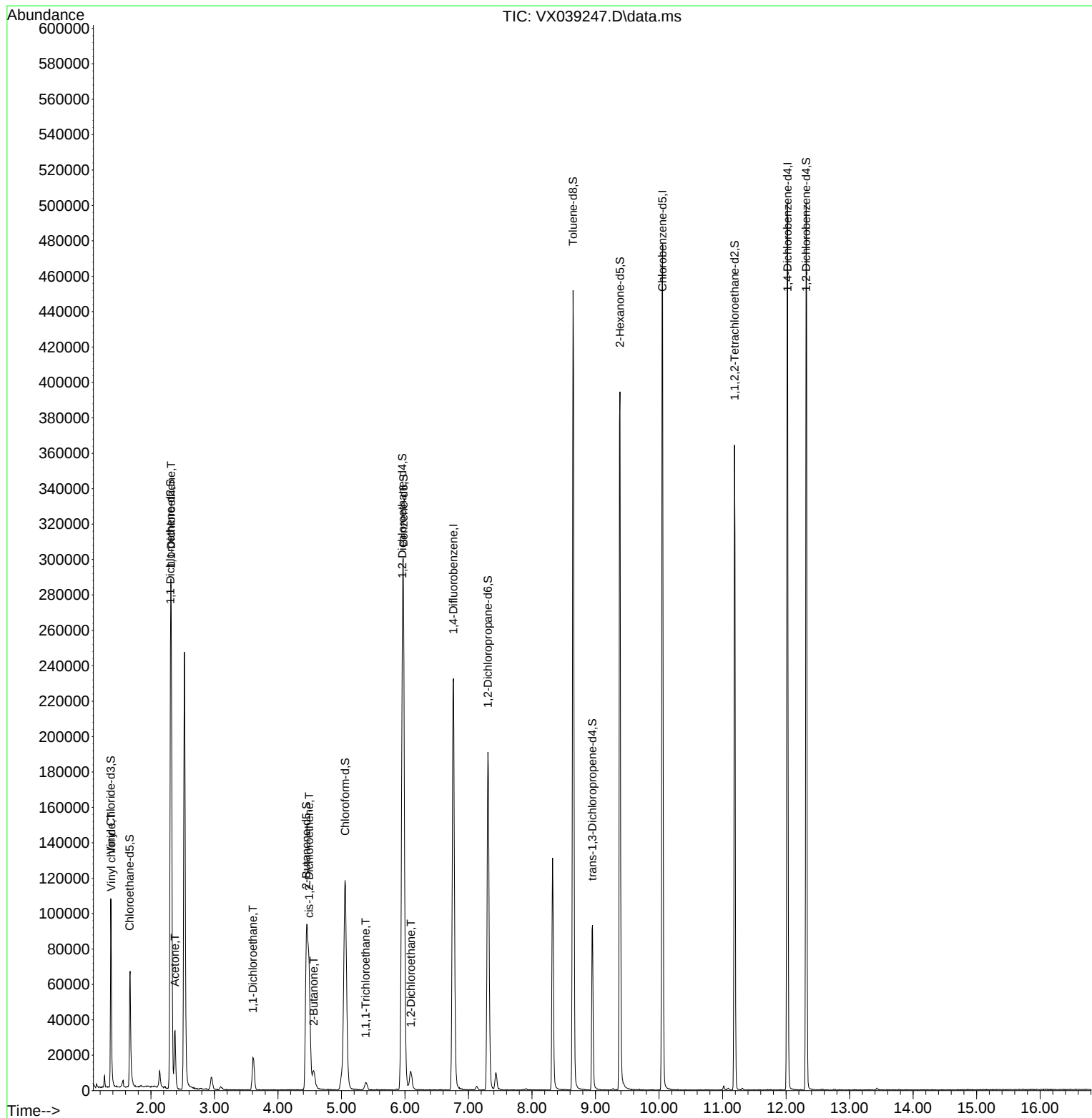
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	225917	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63384	35.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.540%
7) Chloroethane-d5	1.666	69	50882	38.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.700%
11) 1,1-Dichloroethene-d2	2.306	65	34310	44.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
21) 2-Butanone-d5	4.446	46	155904	97.198	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.200%
24) Chloroform-d	5.056	84	146245	46.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	5.958	65	104311	51.347	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.700%
32) Benzene-d6	5.976	84	291888	45.685	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	7.305	67	95568	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	8.646	98	262247	45.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.580%
43) trans-1,3-Dichloroprop...	8.951	79	44188	42.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
47) 2-Hexanone-d5	9.384	63	109333	89.028	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.030%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	138166	47.368	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	92355	51.367	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.740%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	7066	3.807	ug/L #	74
12) 1,1-Dichloroethene	2.318	96	52499	36.072	ug/L	87
13) Acetone	2.379	43	34987	22.706	ug/L	96
19) 1,1-Dichloroethane	3.605	63	20976	6.918	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	32557	18.305	ug/L	94
22) 2-Butanone	4.562	43	17829	9.428	ug/L	91
27) 1,2-Dichloroethane	6.092	62	11340	4.751	ug/L #	91
30) 1,1,1-Trichloroethane	5.379	97	4003	1.594	ug/L	97

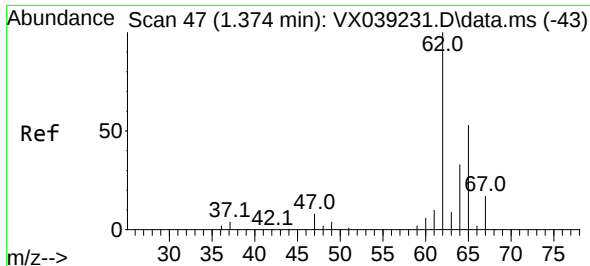
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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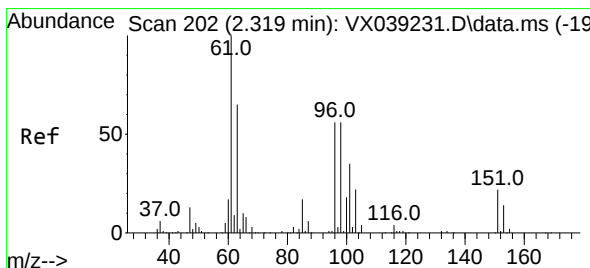
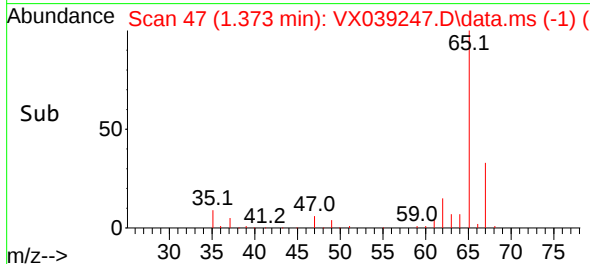
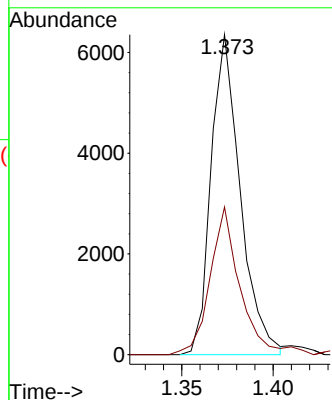
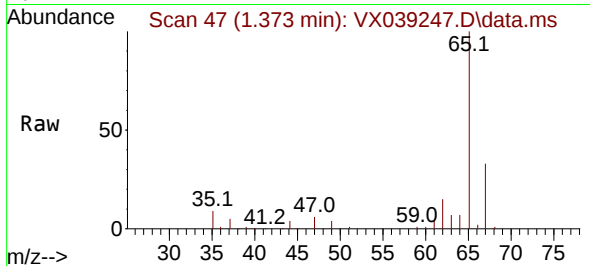




#5
 Vinyl chloride
 Concen: 3.807 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039247.D
 Acq: 15 Dec 2023 22:34

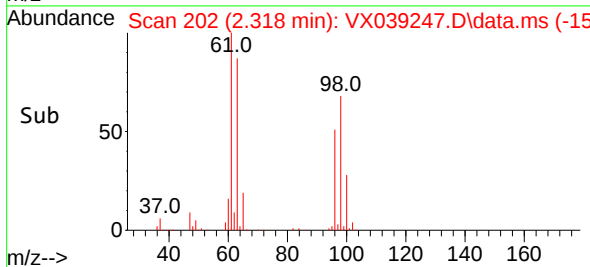
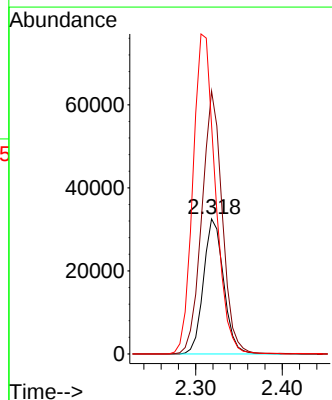
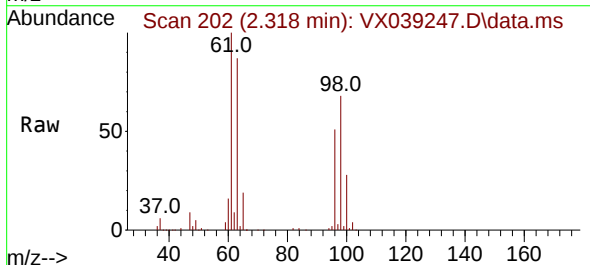
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH6

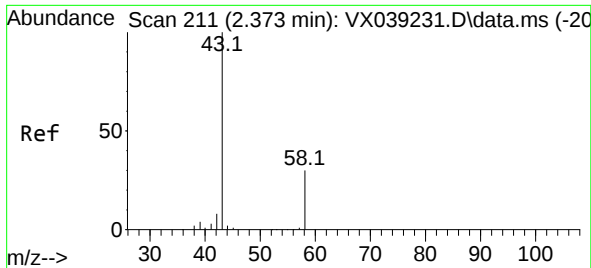
Tgt Ion: 62 Resp: 7066
 Ion Ratio Lower Upper
 62 100
 64 46.1 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 36.072 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039247.D
 Acq: 15 Dec 2023 22:34

Tgt Ion: 96 Resp: 52499
 Ion Ratio Lower Upper
 96 100
 61 194.6 128.0 237.6
 63 169.6 101.5 188.5





#13

Acetone

Concen: 22.706 ug/L

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

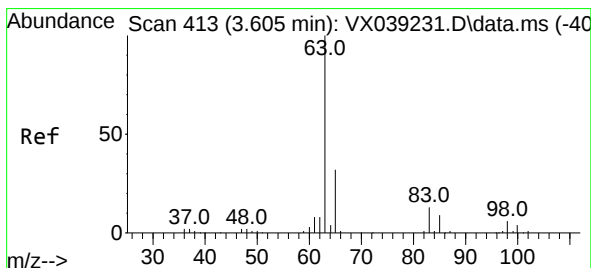
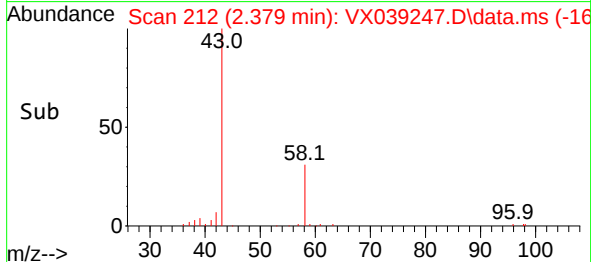
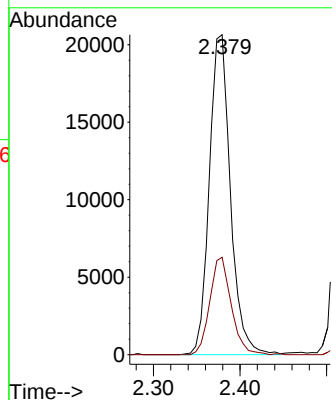
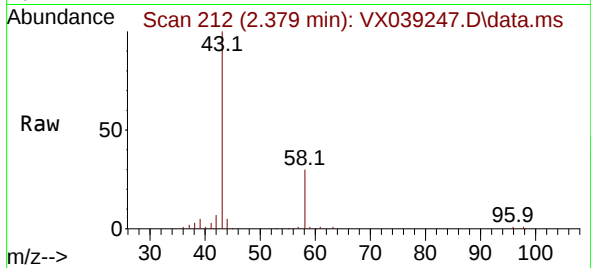
YCHH6

Tgt Ion: 43 Resp: 34987

Ion Ratio Lower Upper

43 100

58 30.8 0.0 65.8



#19

1,1-Dichloroethane

Concen: 6.918 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

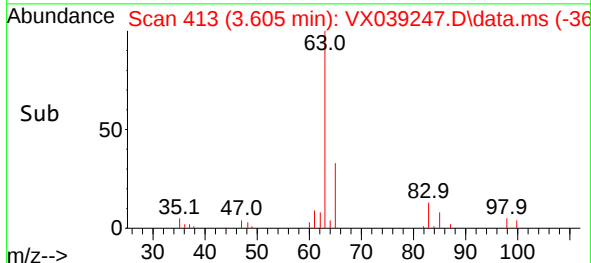
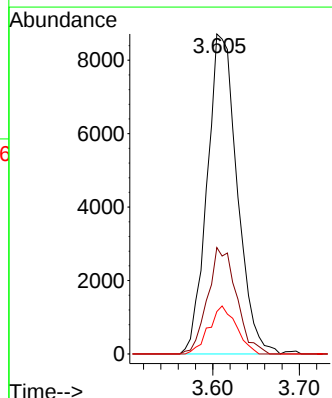
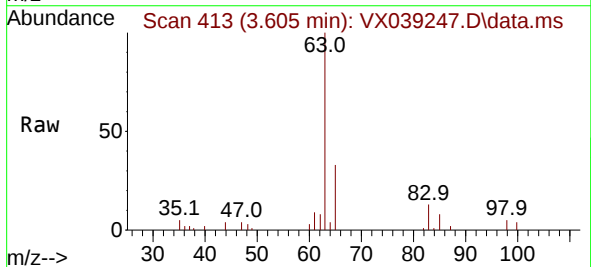
Tgt Ion: 63 Resp: 20976

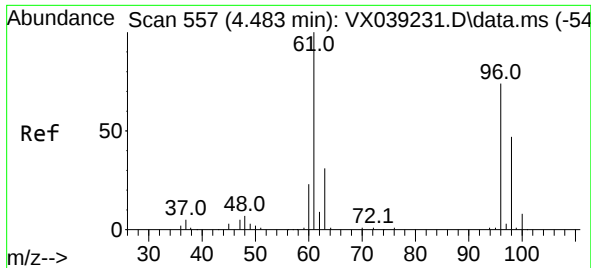
Ion Ratio Lower Upper

63 100

65 33.3 21.1 39.3

83 13.2 9.7 17.9



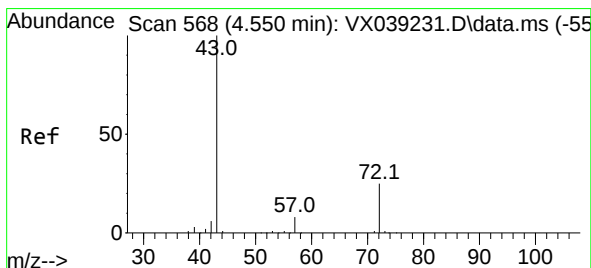
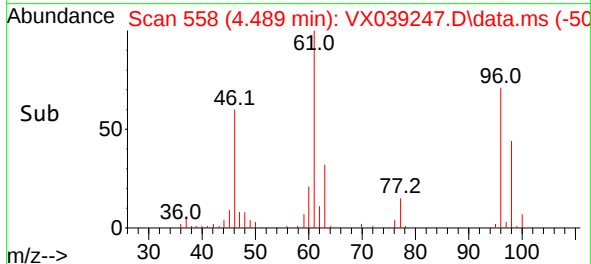
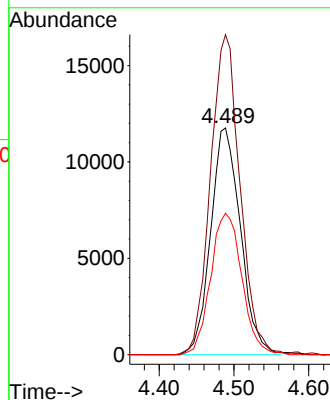
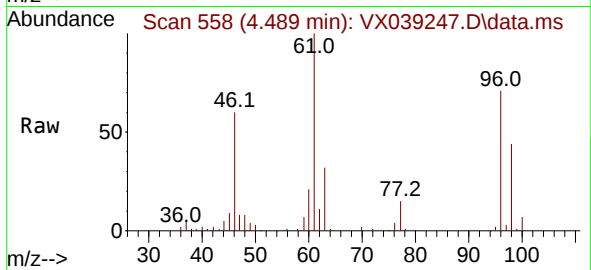


#20
 cis-1,2-Dichloroethene
 Concen: 18.305 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039247.D
 Acq: 15 Dec 2023 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH6

Tgt Ion: 96 Resp: 32557

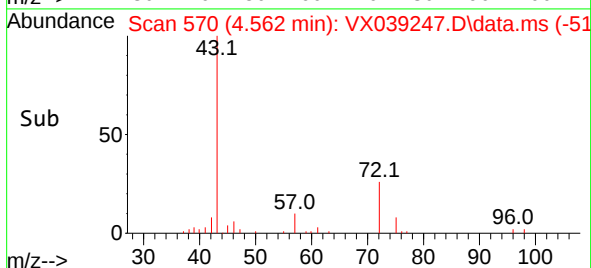
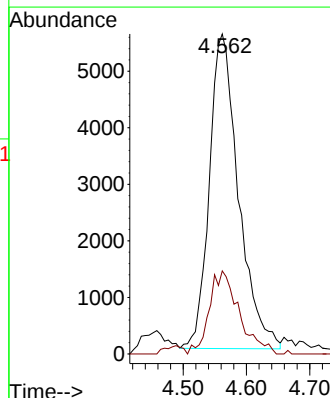
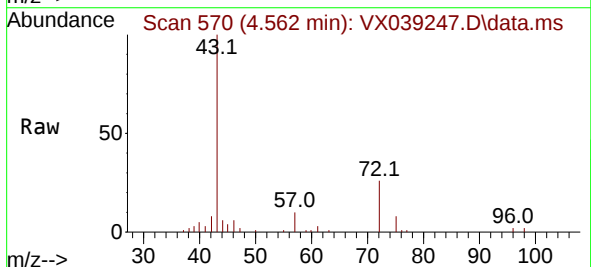
Ion	Ratio	Lower	Upper
96	100		
61	141.2	91.7	170.3
98	62.4	44.2	82.2

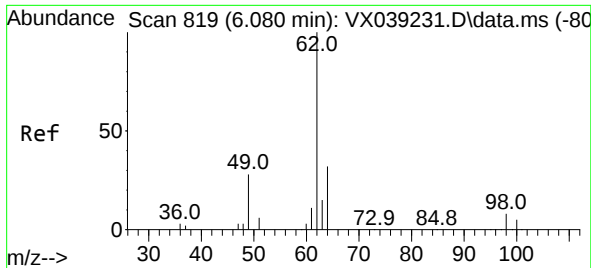


#22
 2-Butanone
 Concen: 9.428 ug/L
 RT: 4.562 min Scan# 570
 Delta R.T. 0.018 min
 Lab File: VX039247.D
 Acq: 15 Dec 2023 22:34

Tgt Ion: 43 Resp: 17829

Ion	Ratio	Lower	Upper
43	100		
72	20.7	12.6	37.6





#27

1,2-Dichloroethane

Concen: 4.751 ug/L

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Instrument :

MSVOA_X

ClientSampleId :

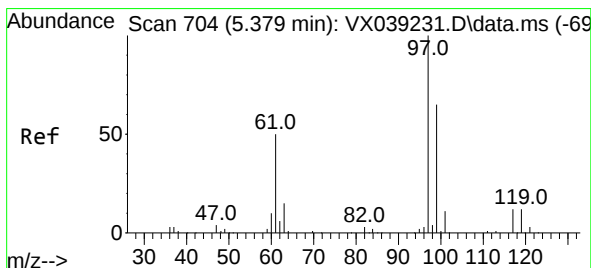
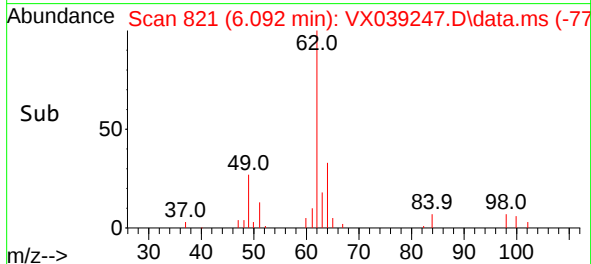
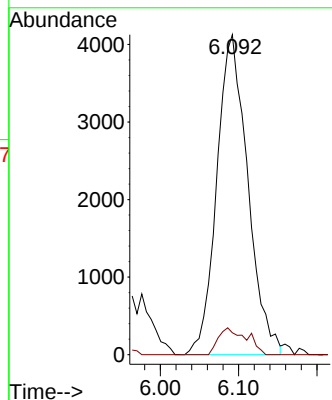
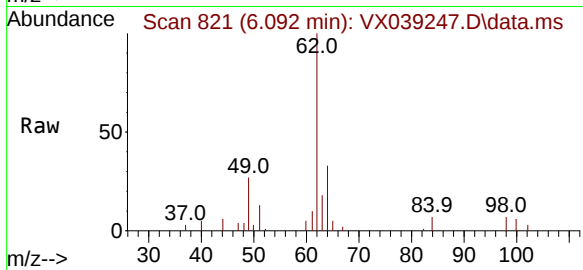
YCHH6

Tgt Ion: 62 Resp: 11340

Ion Ratio Lower Upper

62 100

98 6.8 8.0 12.0#



#30

1,1,1-Trichloroethane

Concen: 1.594 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039247.D

Acq: 15 Dec 2023 22:34

Tgt Ion: 97 Resp: 4003

Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.4

61 49.4 36.7 55.1

