

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039286.D
 Acq On : 16 Dec 2023 13:35
 Operator : JC/MD
 Sample : 05845-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD9

Quant Time: Dec 16 21:12:12 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)

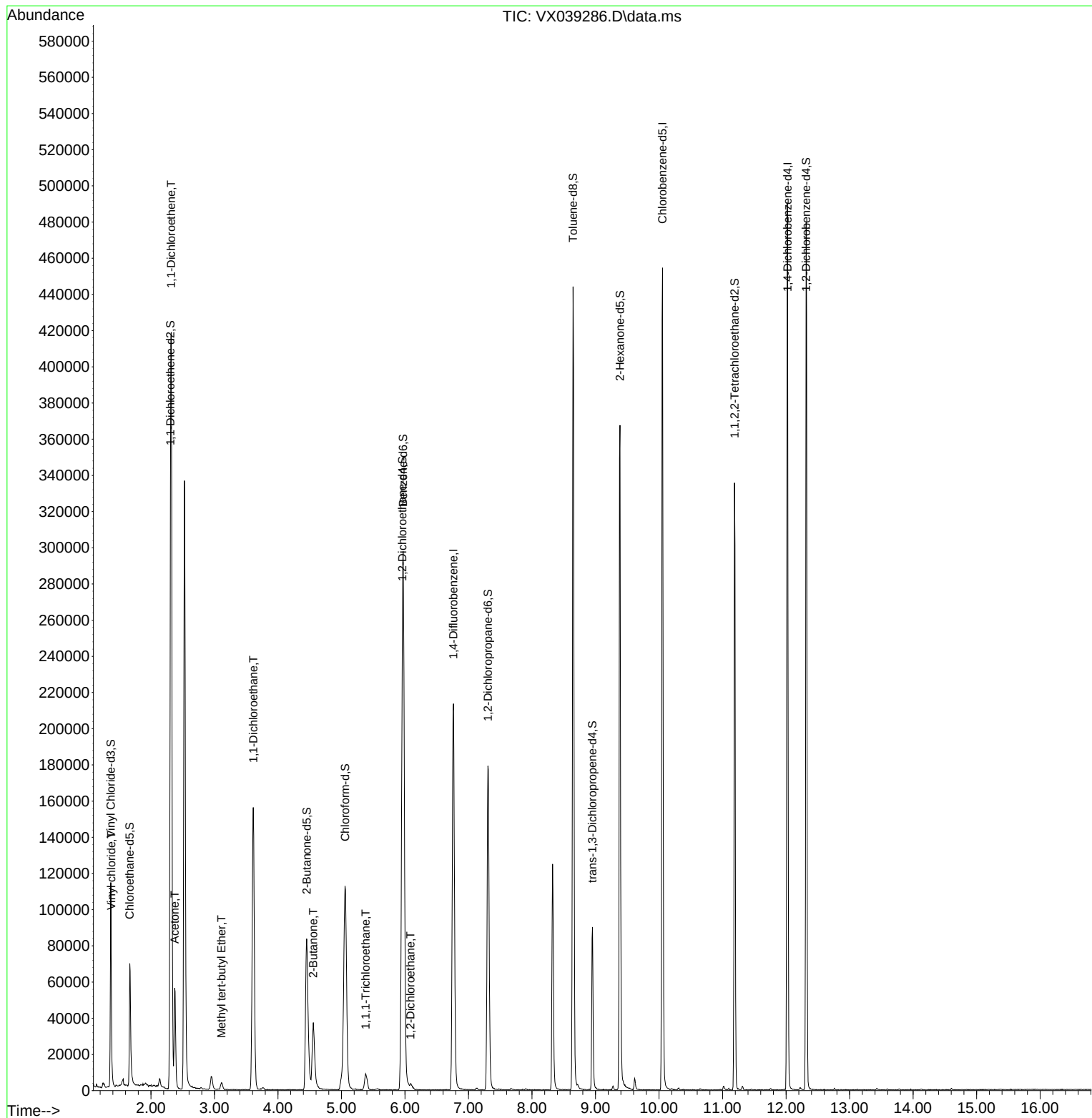
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	211858	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68877	41.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.900%
7) Chloroethane-d5	1.666	69	51162	41.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.300%
11) 1,1-Dichloroethene-d2	2.306	65	35569	48.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.520%
21) 2-Butanone-d5	4.452	46	147179	97.848	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.850%
24) Chloroform-d	5.056	84	141747	48.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
26) 1,2-Dichloroethane-d4	5.958	65	96669	50.743	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.480%
32) Benzene-d6	5.970	84	287999	47.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
36) 1,2-Dichloropropane-d6	7.305	67	92599	47.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.060%
41) Toluene-d8	8.647	98	258560	47.126	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.260%
43) trans-1,3-Dichloroprop...	8.952	79	41919	42.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
47) 2-Hexanone-d5	9.384	63	105157	90.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.360%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128229	46.393	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.780%
66) 1,2-Dichlorobenzene-d4	12.317	152	87169	48.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.620%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	2515	1.445	ug/L #	38
12) 1,1-Dichloroethene	2.319	96	99330	72.779	ug/L	87
13) Acetone	2.373	43	57325	39.671	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	3957	0.791	ug/L	97
19) 1,1-Dichloroethane	3.611	63	176233	61.980	ug/L	98
22) 2-Butanone	4.556	43	65456	36.910	ug/L	98
27) 1,2-Dichloroethane	6.086	62	3165	1.414	ug/L #	90
30) 1,1,1-Trichloroethane	5.379	97	7611	3.198	ug/L	97

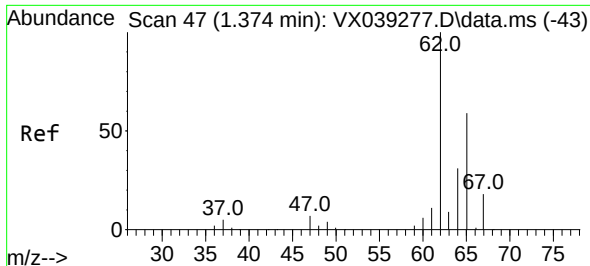
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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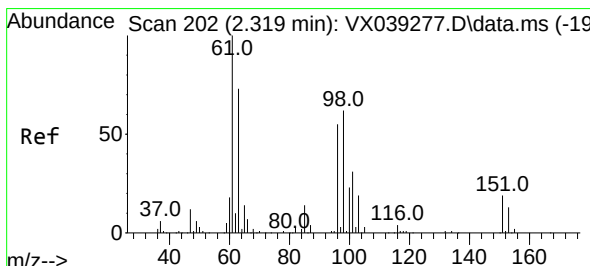
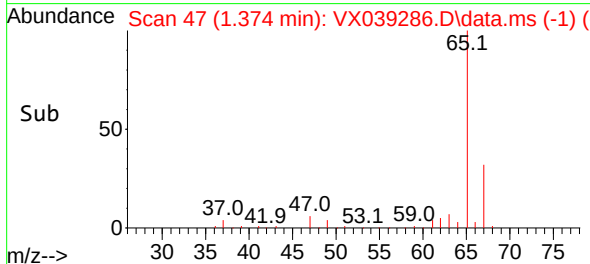
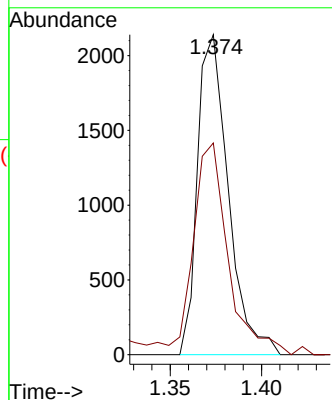
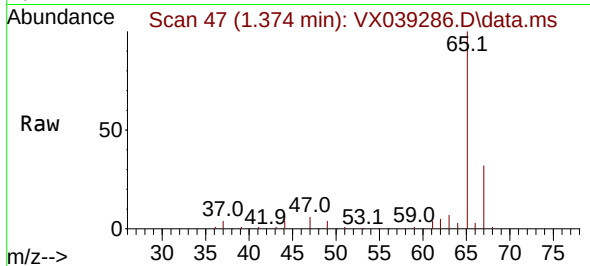




#5
 Vinyl chloride
 Concen: 1.445 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039286.D
 Acq: 16 Dec 2023 13:35

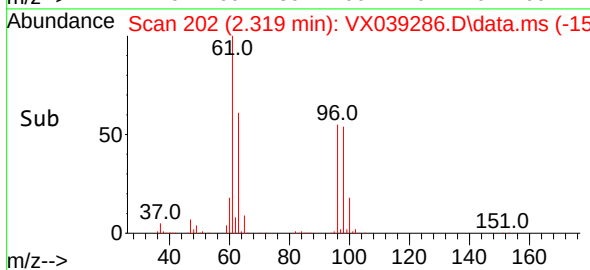
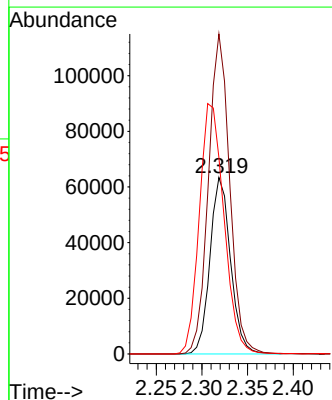
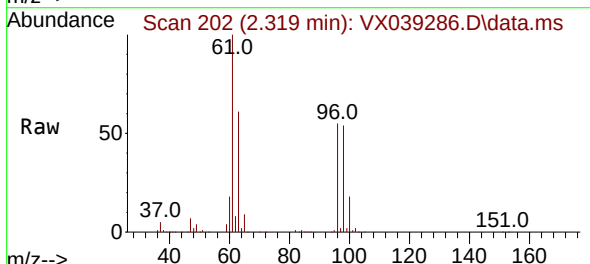
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHD9

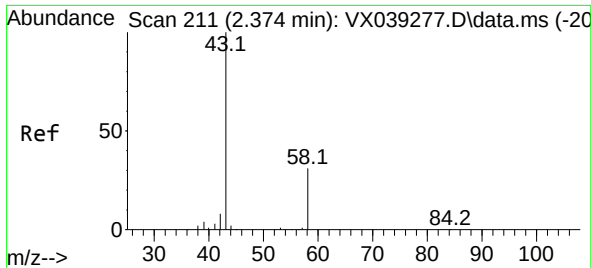
Tgt Ion: 62 Resp: 2515
 Ion Ratio Lower Upper
 62 100
 64 66.2 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 72.779 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039286.D
 Acq: 16 Dec 2023 13:35

Tgt Ion: 96 Resp: 99330
 Ion Ratio Lower Upper
 96 100
 61 181.2 128.0 237.6
 63 111.2 101.5 188.5





#13

Acetone

Concen: 39.671 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

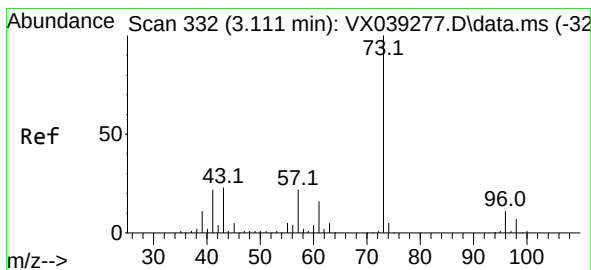
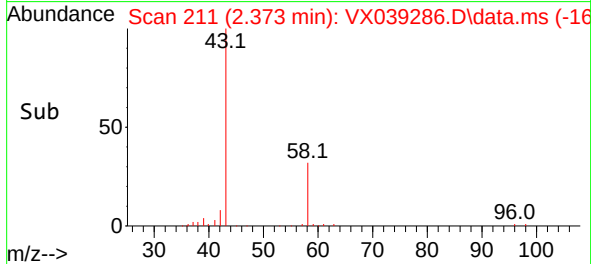
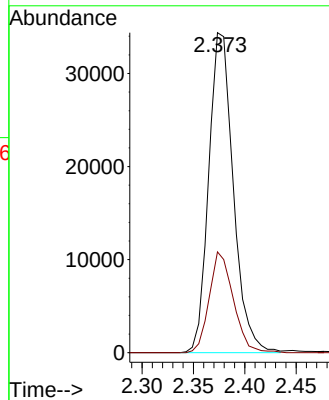
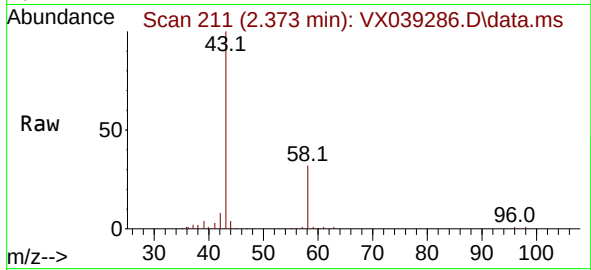
YCHD9

Tgt Ion: 43 Resp: 57325

Ion Ratio Lower Upper

43 100

58 30.6 0.0 65.8



#18

Methyl tert-butyl Ether

Concen: 0.791 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.006 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

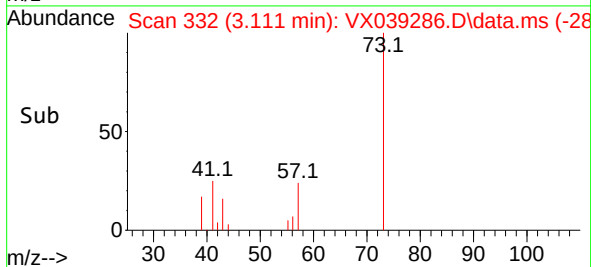
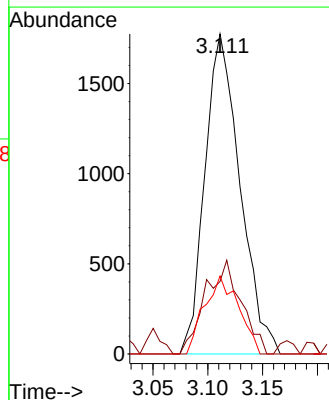
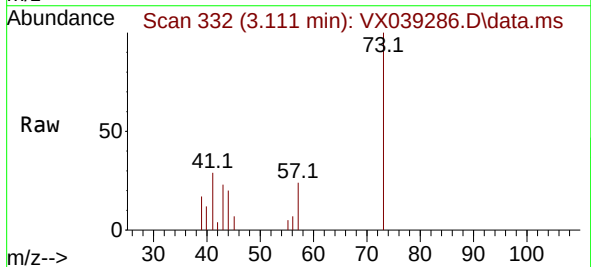
Tgt Ion: 73 Resp: 3957

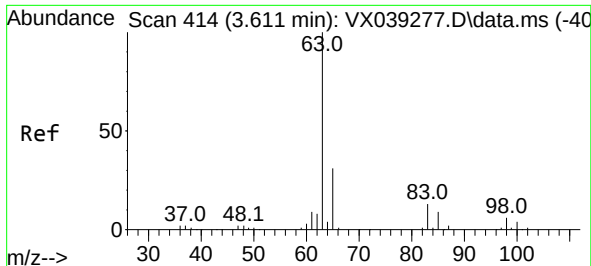
Ion Ratio Lower Upper

73 100

43 18.8 16.9 25.3

57 23.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 61.980 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

YCHD9

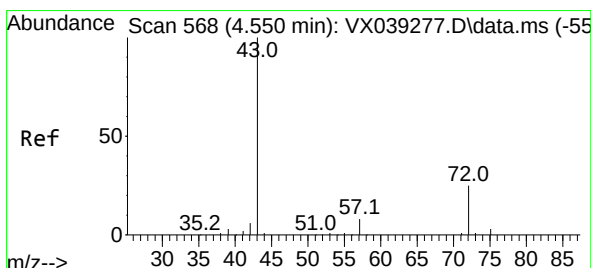
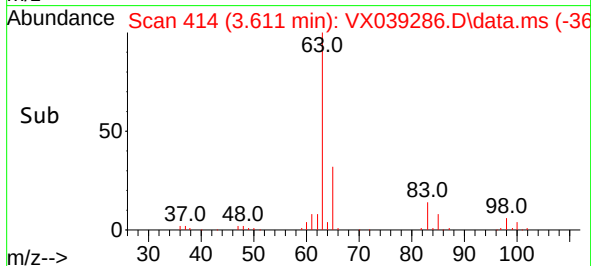
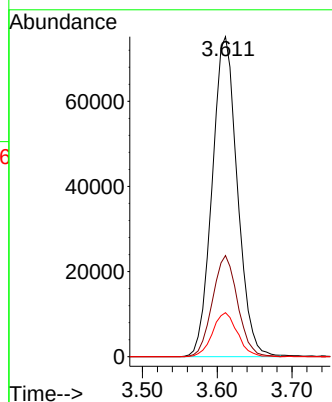
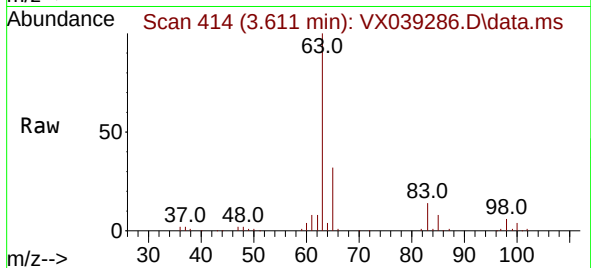
Tgt Ion: 63 Resp: 176233

Ion Ratio Lower Upper

63 100

65 31.6 21.1 39.3

83 13.7 9.7 17.9



#22

2-Butanone

Concen: 36.910 ug/L

RT: 4.556 min Scan# 569

Delta R.T. 0.012 min

Lab File: VX039286.D

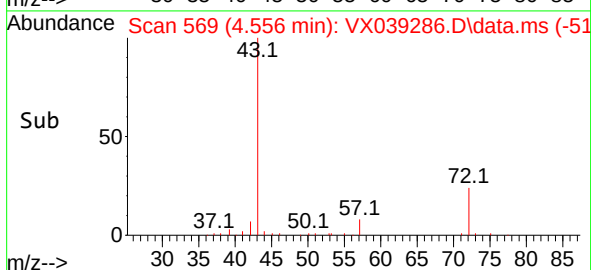
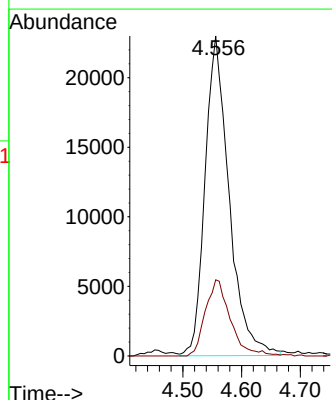
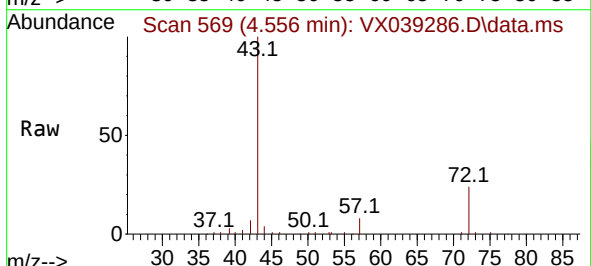
Acq: 16 Dec 2023 13:35

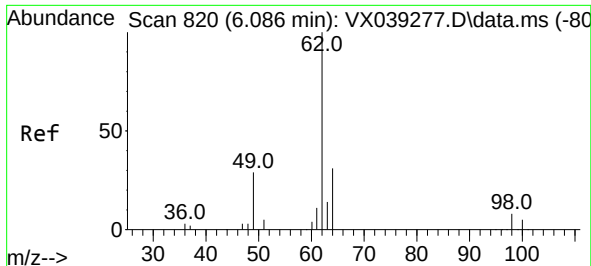
Tgt Ion: 43 Resp: 65456

Ion Ratio Lower Upper

43 100

72 24.1 12.6 37.6





#27

1,2-Dichloroethane

Concen: 1.414 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

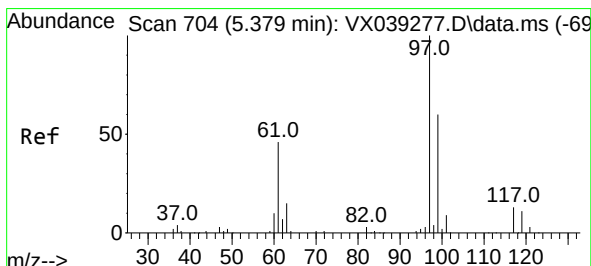
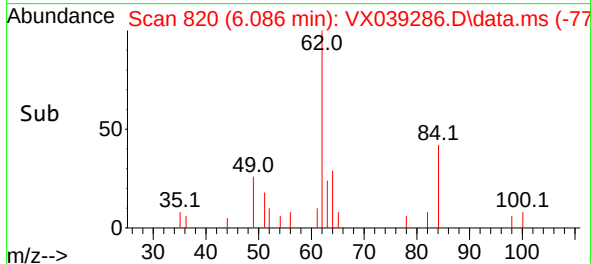
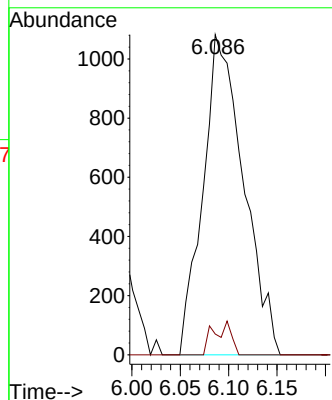
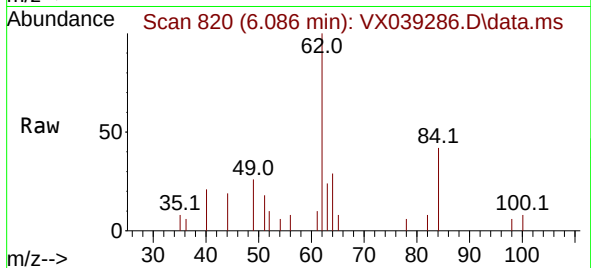
YCHD9

Tgt Ion: 62 Resp: 3165

Ion Ratio Lower Upper

62 100

98 6.5 8.0 12.0#



#30

1,1,1-Trichloroethane

Concen: 3.198 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039286.D

Acq: 16 Dec 2023 13:35

Tgt Ion: 97 Resp: 7611

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 49.6 36.7 55.1

