

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
 Data File : VV028957.D
 Acq On : 14 Nov 2022 23:19
 Operator : SY/MD
 Sample : N5604-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B7

Quant Time: Nov 15 05:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

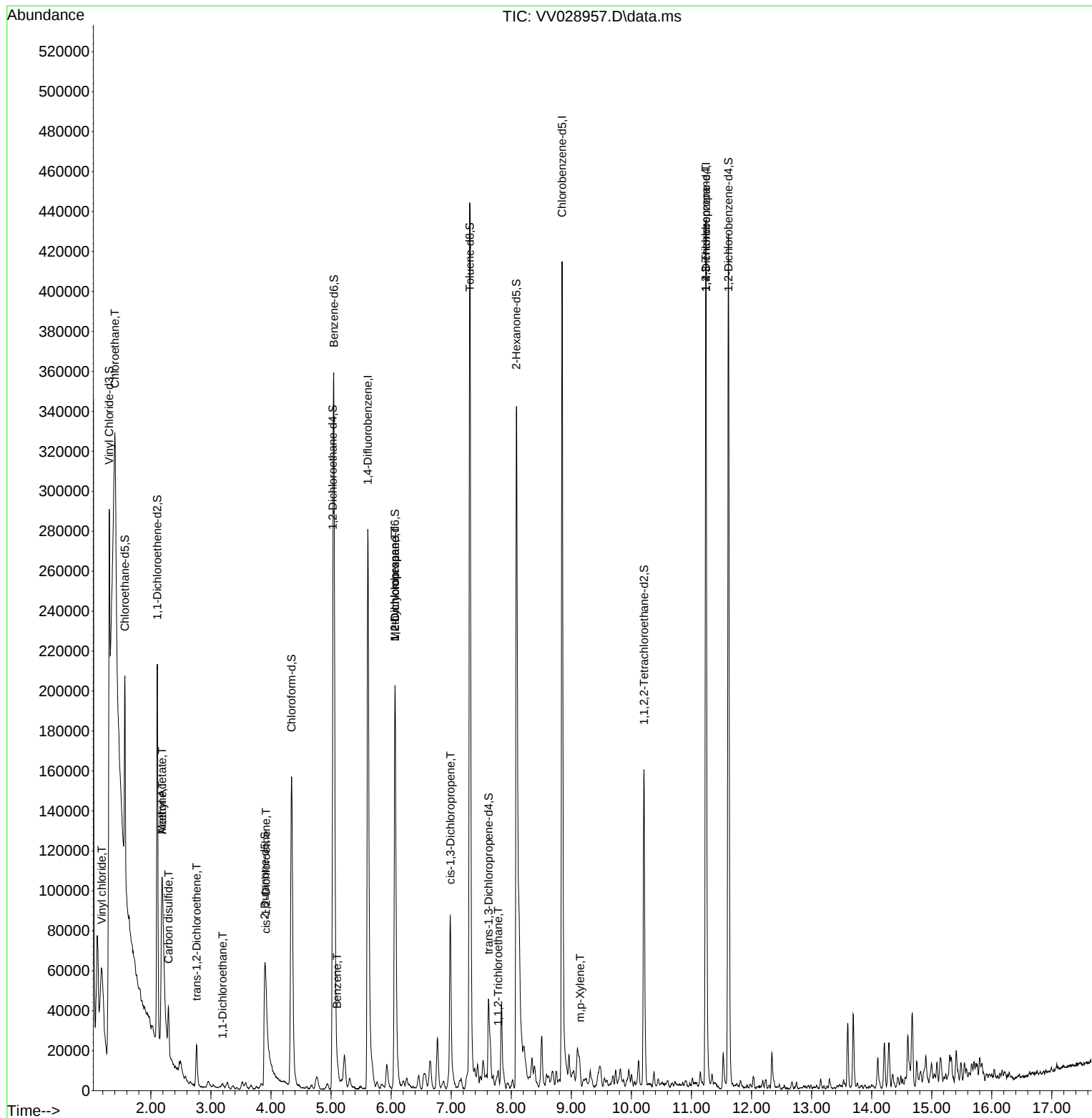
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	267224	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	123127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65019	3.991	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.568	69	64742	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.108	63	93535	3.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.899	46	143521	52.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.260%
24) Chloroform-d	4.342	84	172894	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.031	65	79571	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.047	84	358708	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.066	67	107001	5.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.310	98	315667	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.622	79	29481	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.085	63	162026	56.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.720%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	78437	5.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	120061	5.450	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.182	62	3347	0.159	ug/L	93
8) Chloroethane	1.400	64	1151778	92.945	ug/L #	52
13) Acetone	2.185	43	276197	157.444	ug/L	89
14) Carbon disulfide	2.294	76	26842	0.467	ug/L	100
15) Methyl Acetate	2.185	43	268682	63.110	ug/L #	44
18) trans-1,2-Dichloroethene	2.761	96	7864	0.419	ug/L	86
19) 1,1-Dichloroethane	3.195	63	1869	0.061	ug/L #	96
22) cis-1,2-Dichloroethene	3.915	96	6735	0.353	ug/L	94
33) Benzene	5.098	78	5464	0.072	ug/L	100
35) Methylcyclohexane	6.066	83	27436	0.805	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10630	0.609	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2156	0.088	ug/L #	49
45) 1,1,2-Trichloroethane	7.783	97	3011	0.263	ug/L #	20
53) m,p-Xylene	9.146	106	1691	0.050	ug/L	93
61) 1,2,3-Trichloropropane	11.239	75	13510	1.606	ug/L #	64

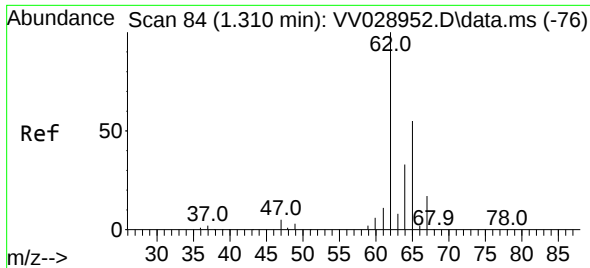
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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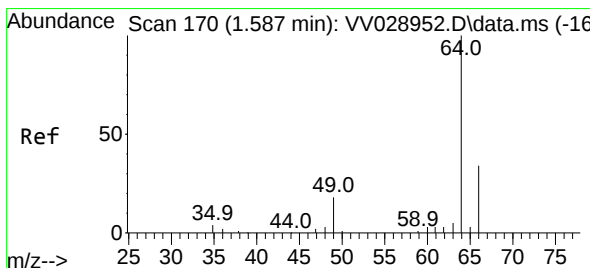
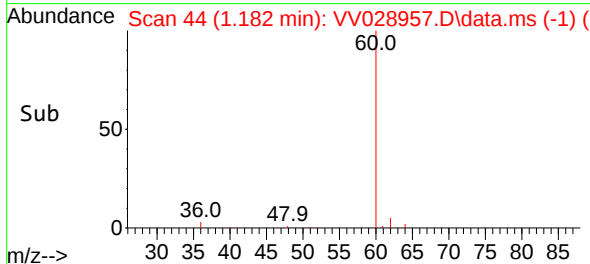
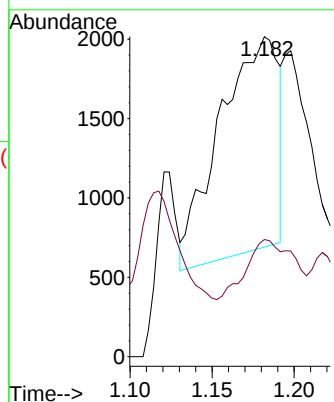
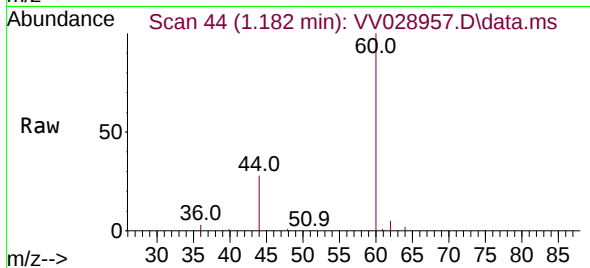




#5
 Vinyl chloride
 Concen: 0.159 ug/L
 RT: 1.182 min Scan# 44
 Delta R.T. -0.128 min
 Lab File: VV028957.D
 Acq: 14 Nov 2022 23:19

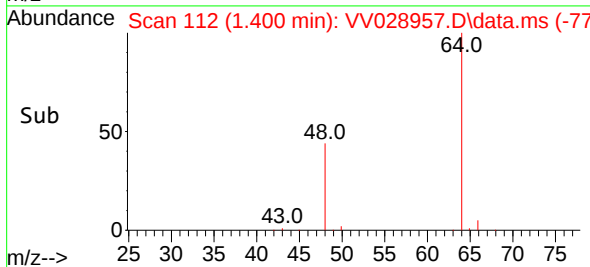
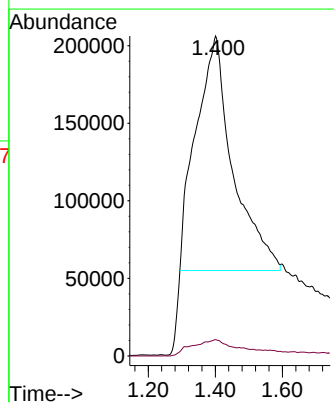
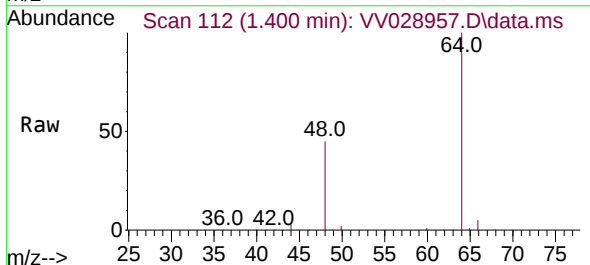
Instrument :
 MSVOA_V
 ClientSampleId :
 H46B7

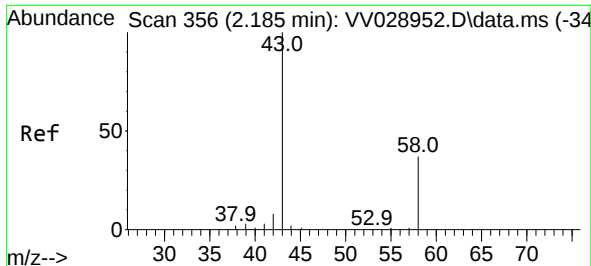
Tgt Ion: 62 Resp: 3347
 Ion Ratio Lower Upper
 62 100
 64 36.6 22.8 42.4



#8
 Chloroethane
 Concen: 92.945 ug/L
 RT: 1.400 min Scan# 112
 Delta R.T. -0.186 min
 Lab File: VV028957.D
 Acq: 14 Nov 2022 23:19

Tgt Ion: 64 Resp: 1151778
 Ion Ratio Lower Upper
 64 100
 66 5.1 22.0 40.8





#13

Acetone

Concen: 157.444 ug/L

RT: 2.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028957.D

Acq: 14 Nov 2022 23:19

Instrument :

MSVOA_V

ClientSampleId :

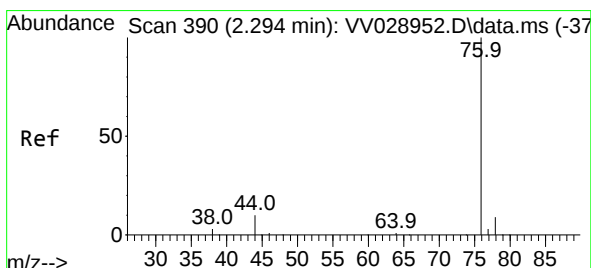
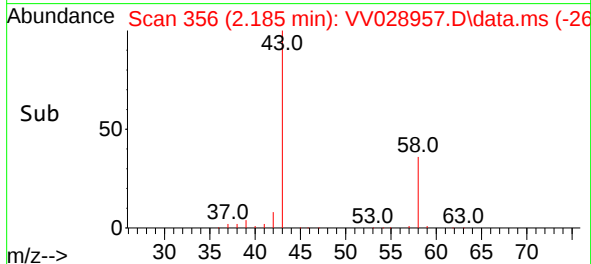
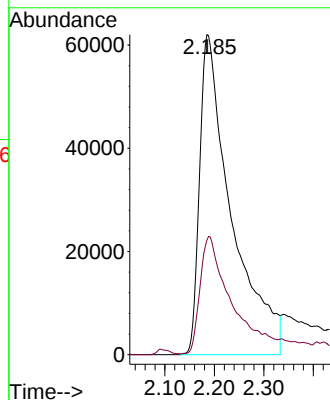
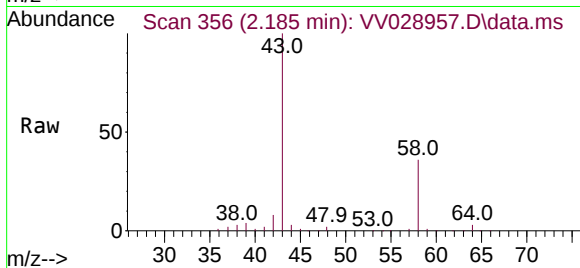
H46B7

Tgt Ion: 43 Resp: 276197

Ion Ratio Lower Upper

43 100

58 34.2 0.0 56.6



#14

Carbon disulfide

Concen: 0.467 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV028957.D

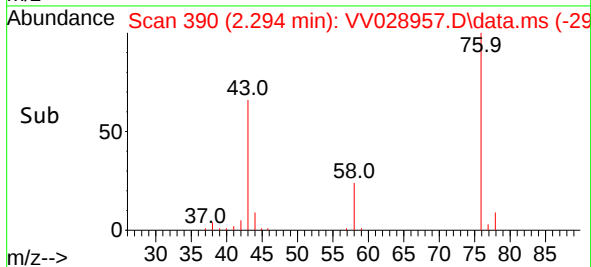
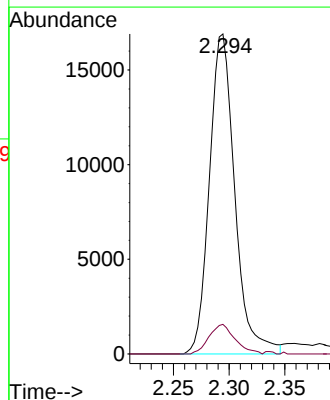
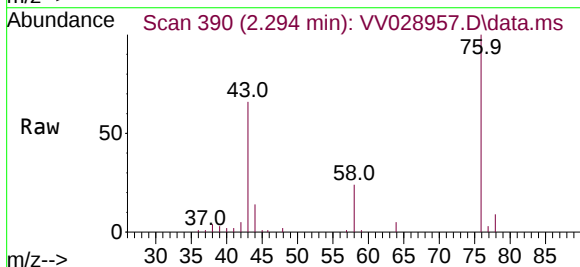
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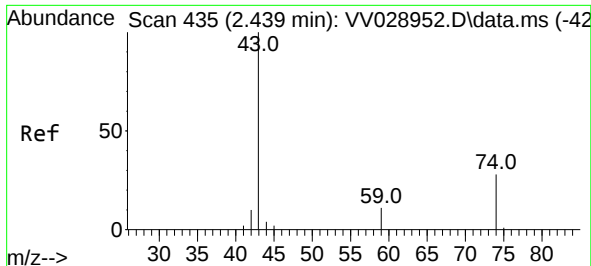
Tgt Ion: 76 Resp: 26842

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

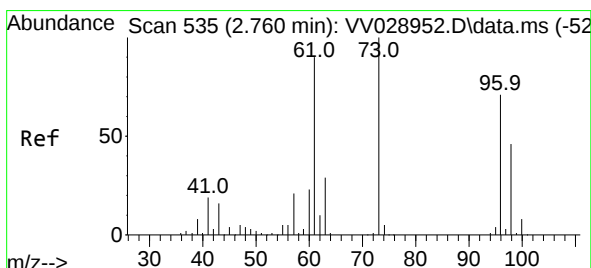
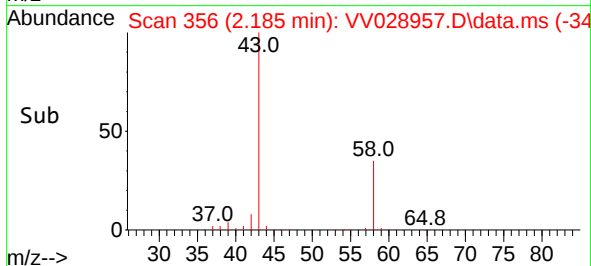
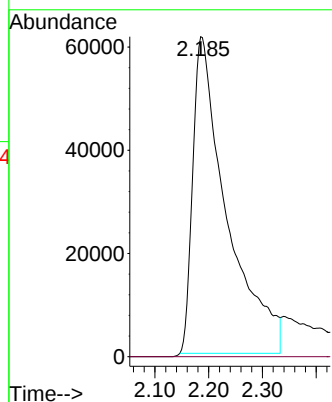
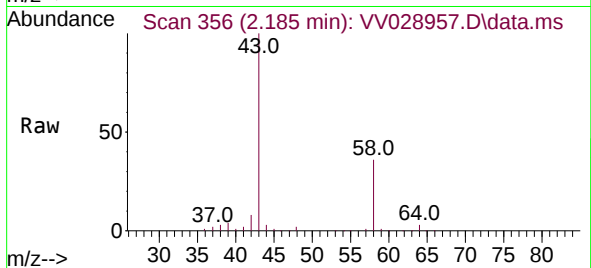




#15
Methyl Acetate
Concen: 63.110 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV028957.D
Acq: 14 Nov 2022 23:19

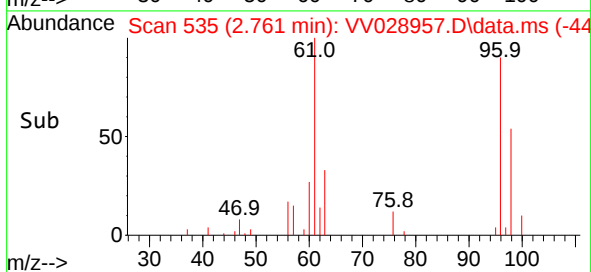
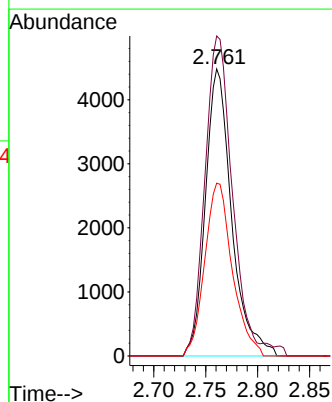
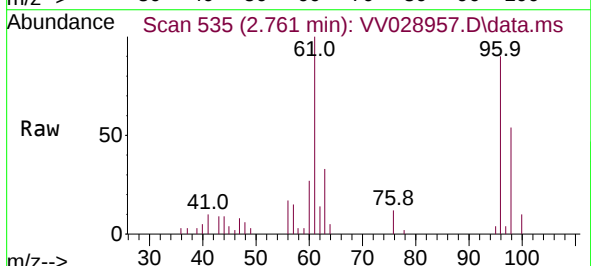
Instrument :
MSVOA_V
ClientSampleId :
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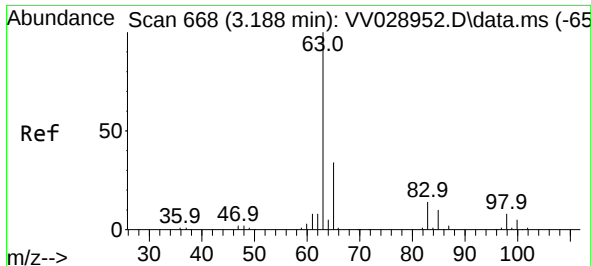
Tgt Ion: 43 Resp: 268682
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#18
trans-1,2-Dichloroethene
Concen: 0.419 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV028957.D
Acq: 14 Nov 2022 23:19

Tgt Ion: 96 Resp: 7864
Ion Ratio Lower Upper
96 100
61 111.5 91.8 170.6
98 60.2 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.061 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV028957.D

Acq: 14 Nov 2022 23:19

Instrument :

MSVOA_V

ClientSampleId :

H46B7

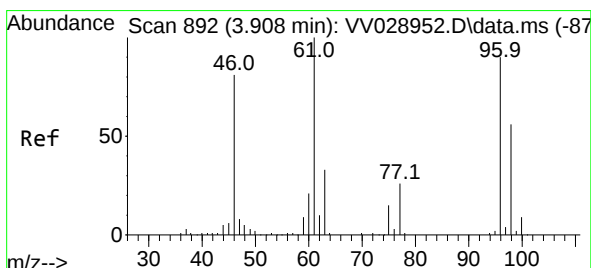
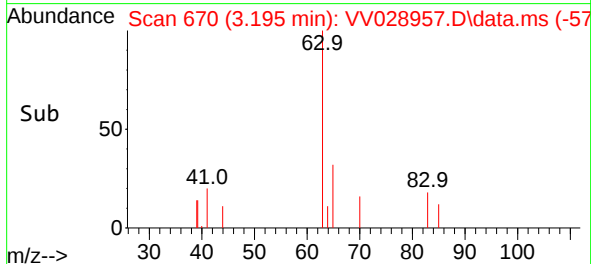
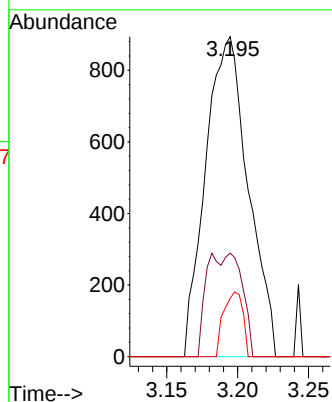
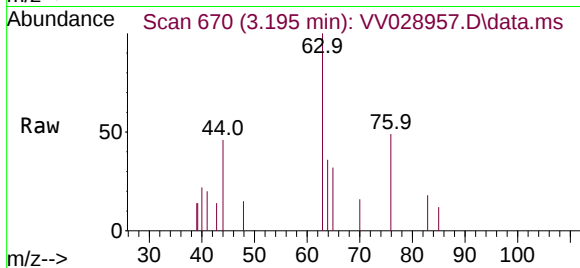
Tgt Ion: 63 Resp: 1869

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 18.1 9.4 17.6#



#22

cis-1,2-Dichloroethene

Concen: 0.353 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.007 min

Lab File: VV028957.D

Acq: 14 Nov 2022 23:19

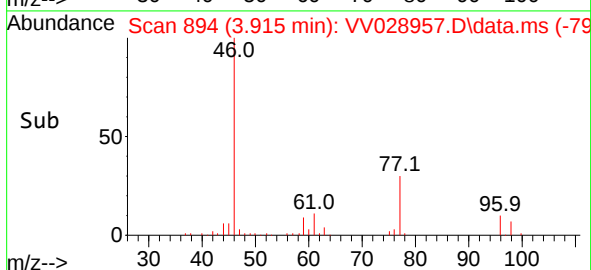
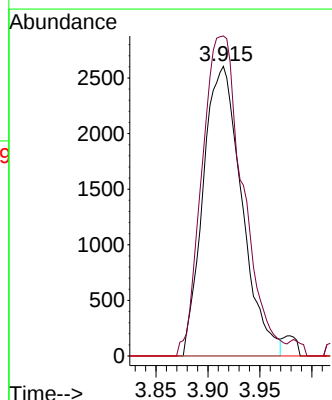
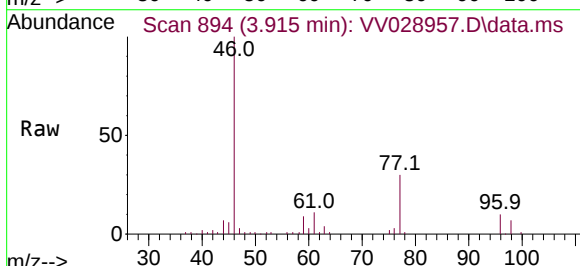
Tgt Ion: 96 Resp: 6735

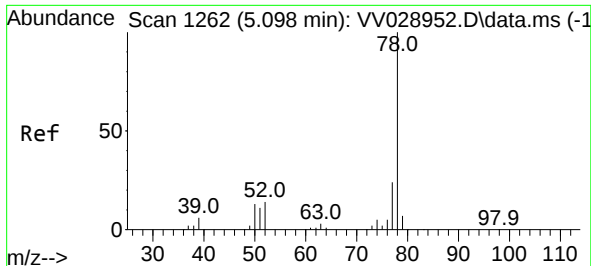
Ion Ratio Lower Upper

96 100

61 110.5 82.3 152.9

68 0.0 0.0 0.0

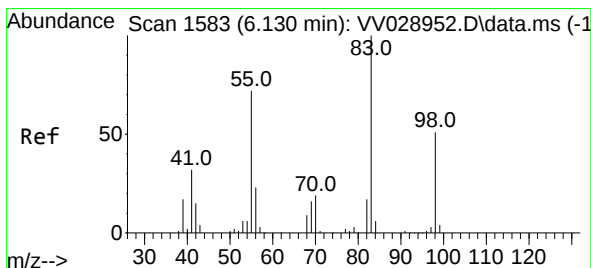
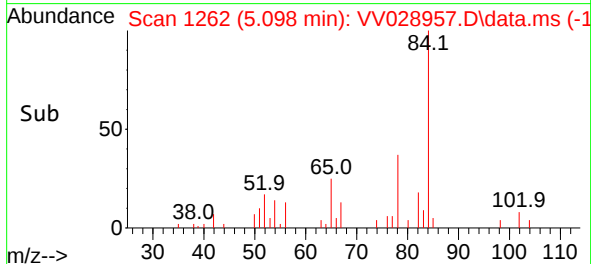
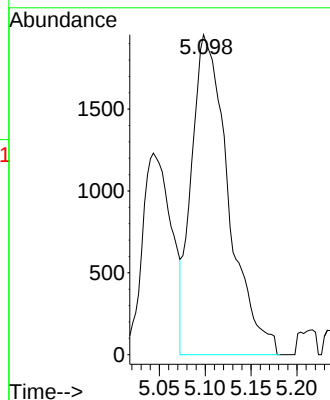
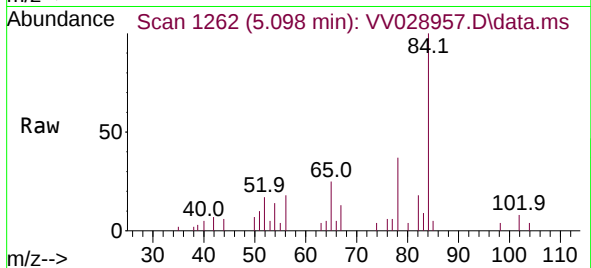




#33
Benzene
Concen: 0.072 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028957.D
Acq: 14 Nov 2022 23:19

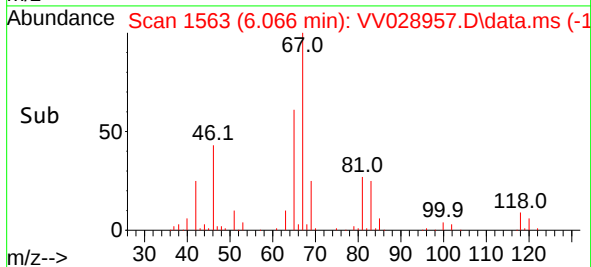
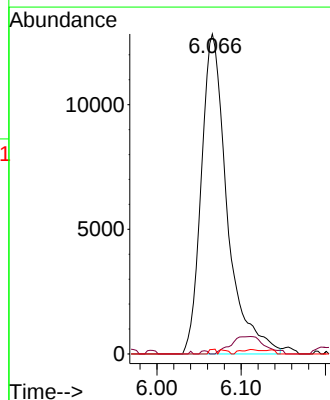
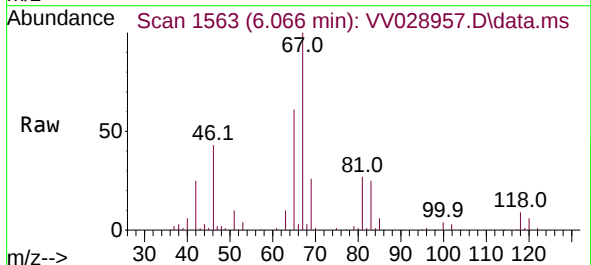
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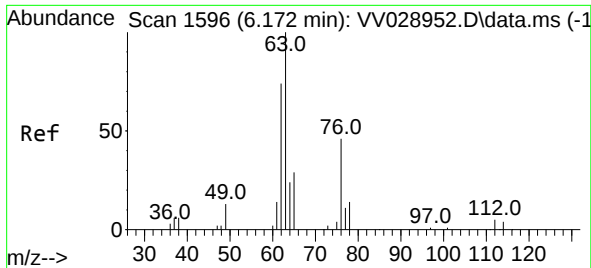
Tgt Ion: 78 Resp: 5464



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV028957.D
Acq: 14 Nov 2022 23:19

Tgt Ion: 83 Resp: 27436
Ion Ratio Lower Upper
83 100
55 0.4 55.8 83.6#
98 0.4 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV028957.D

Acq: 14 Nov 2022 23:19

Instrument :

MSVOA_V

ClientSampleId :

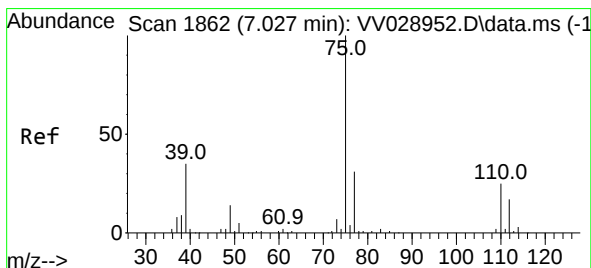
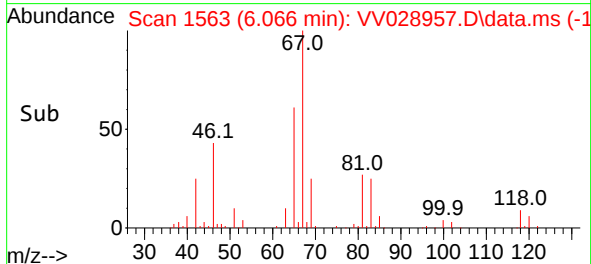
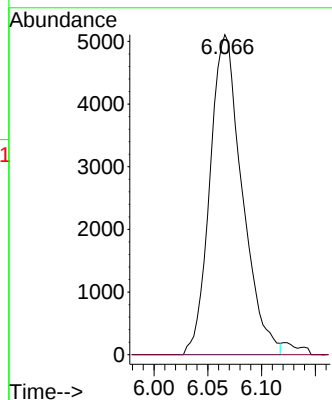
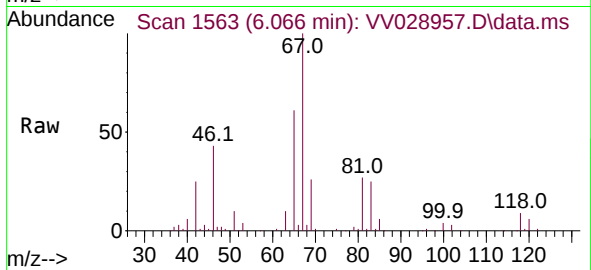
H46B7

Tgt Ion: 63 Resp: 10630

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV028957.D

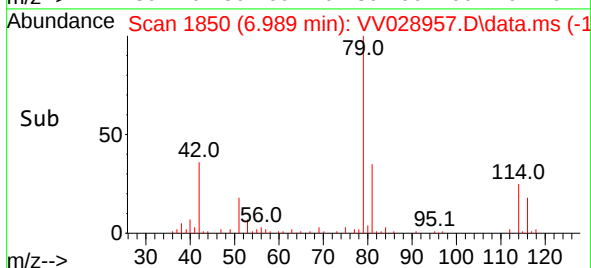
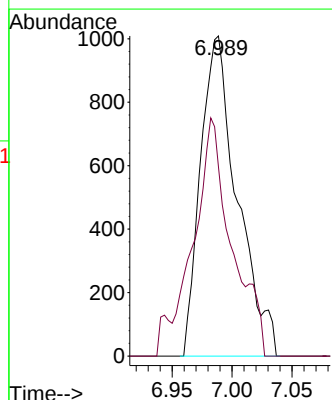
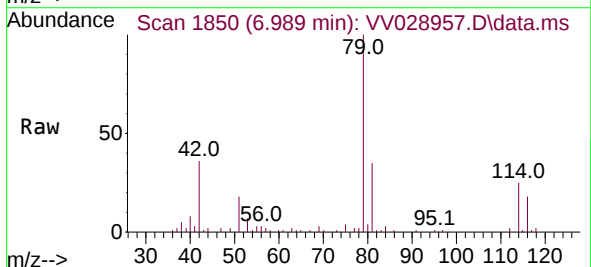
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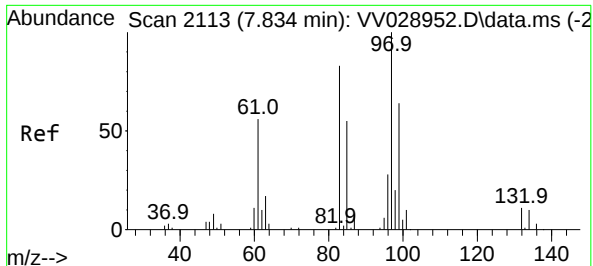
Tgt Ion: 75 Resp: 2156

Ion Ratio Lower Upper

75 100

77 59.2 21.8 40.6#

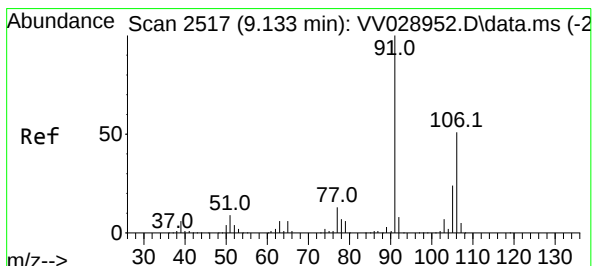
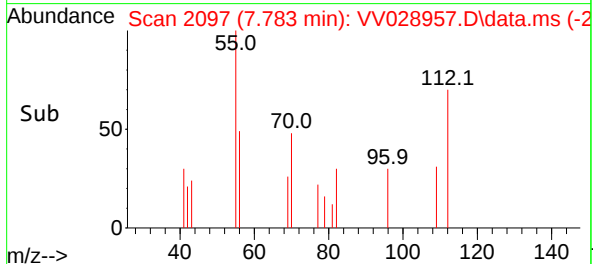
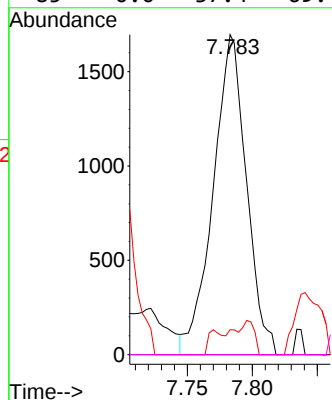
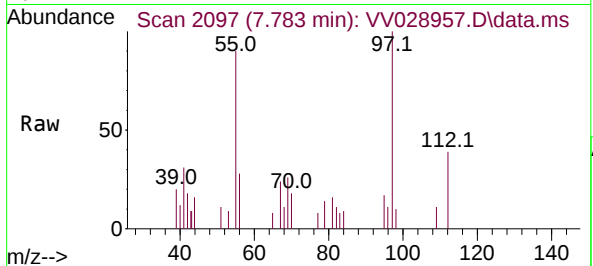




#45
1,1,2-Trichloroethane
Concen: 0.263 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. -0.051 min
Lab File: VV028957.D
Acq: 14 Nov 2022 23:19

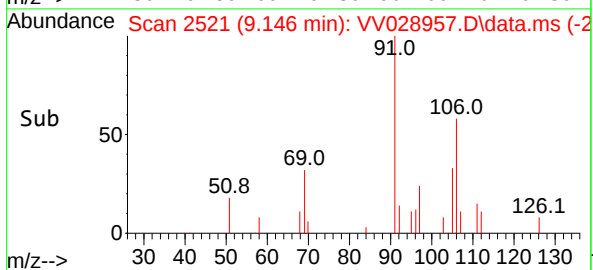
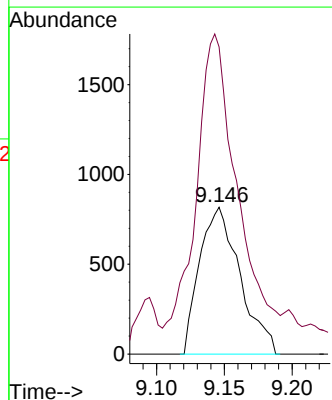
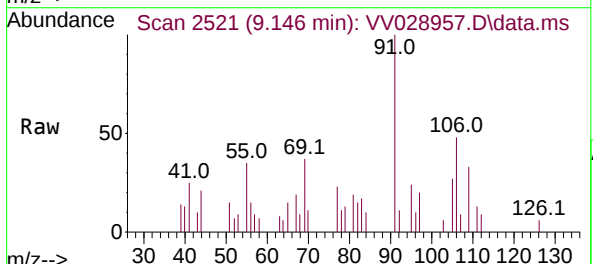
Instrument :
MSVOA_V
ClientSampleId :
H46B7

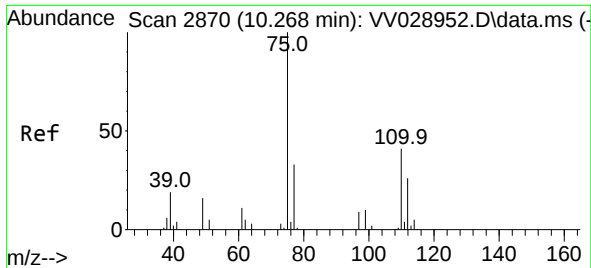
Tgt Ion:	97	Resp:	3011
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.5	77.1#
83	7.8	60.0	111.4#
85	0.0	37.4	69.4#



#53
m,p-Xylene
Concen: 0.050 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV028957.D
Acq: 14 Nov 2022 23:19

Tgt Ion:	106	Resp:	1691
Ion	Ratio	Lower	Upper
106	100		
91	209.3	139.1	258.3





#61
 1,2,3-Trichloropropane
 Concen: 1.606 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV028957.D
 Acq: 14 Nov 2022 23:19

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B7

Tgt Ion: 75	Resp:	13510
Ion	Ratio	Lower Upper
75	100	
77	35.9	26.2 39.2
110	3.0	32.6 48.8#

