

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032017.D
 Acq On : 11 Sep 2023 11:31
 Operator : SY/MD
 Sample : 04307-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 05:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

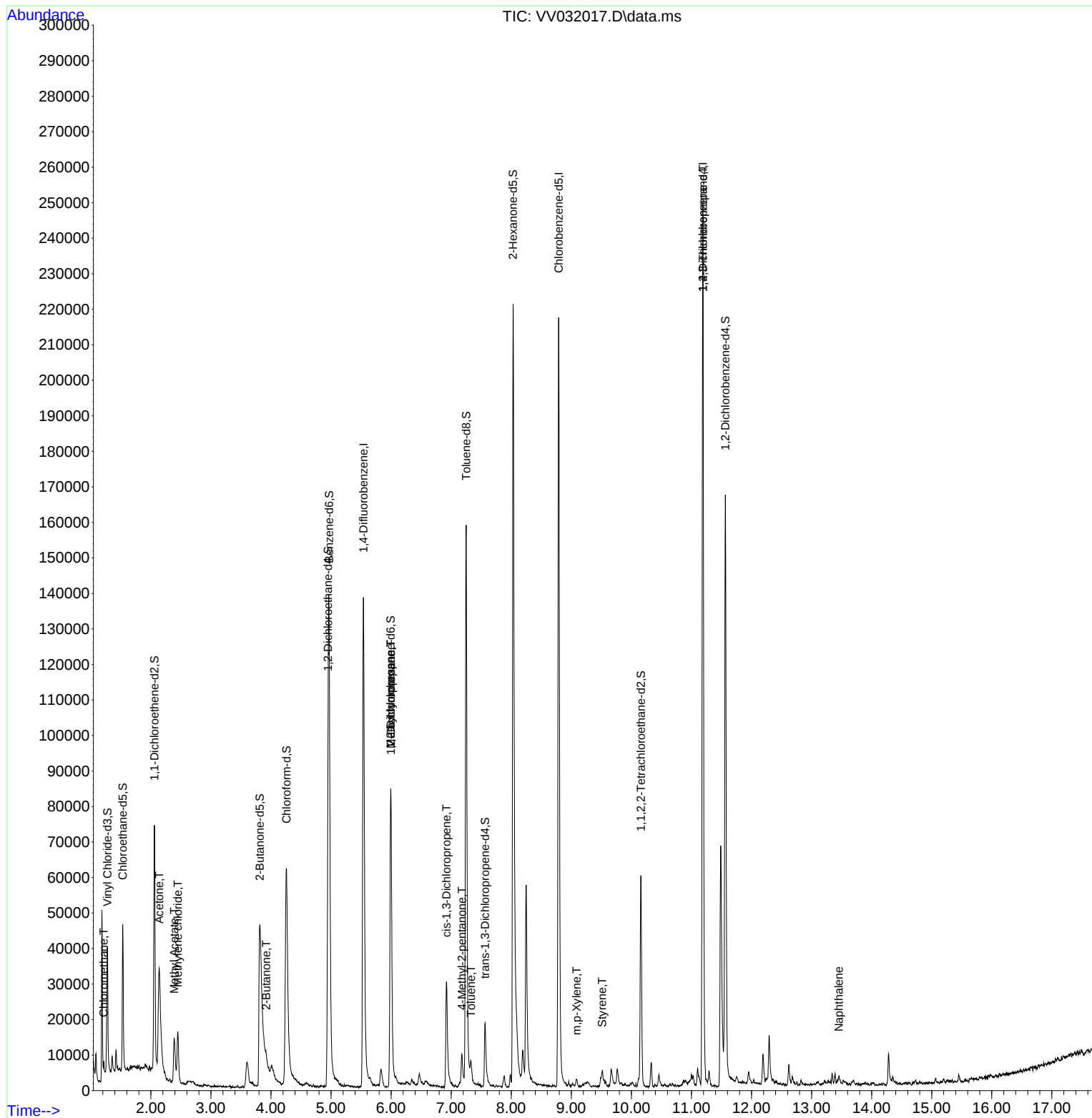
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	63301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20897	5.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.532	69	26173	5.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.060	65	11826	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.812	46	110332	56.691	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.380%
24) Chloroform-d	4.256	84	62843	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.950	65	33057	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.966	84	124066	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.992	67	44733	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.249	98	106729	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.564	79	11200	3.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.030	63	83286	45.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30055	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40309	3.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1583	0.217	ug/L	89
13) Acetone	2.140	43	60306	52.588	ug/L	77
15) Methyl Acetate	2.388	43	18598	7.958	ug/L	98
16) Methylene chloride	2.449	84	5461	0.627	ug/L	89
21) 2-Butanone	3.921	43	5201	3.202	ug/L	80
35) Methylcyclohexane	5.992	83	10211	0.886	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	4958	0.664	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	931	0.082	ug/L #	78
40) 4-Methyl-2-pentanone	7.178	43	7141	1.527	ug/L #	87
42) Toluene	7.330	91	4174	0.139	ug/L	92
53) m,p-Xylene	9.088	106	849	0.065	ug/L	69
55) Styrene	9.513	104	2004	0.092	ug/L	84
61) 1,2,3-Trichloropropane	11.191	75	8761	1.879	ug/L #	68
71) Naphthalene	13.455	128	1772	0.089	ug/L #	89

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

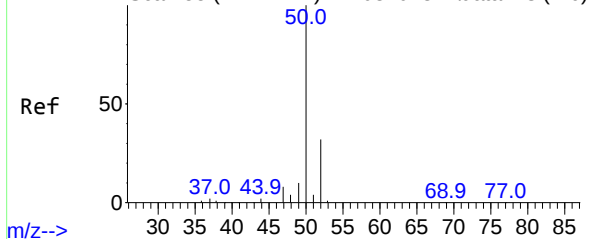
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
Data File : VV032017.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration



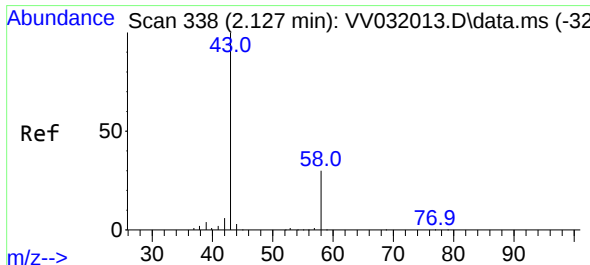
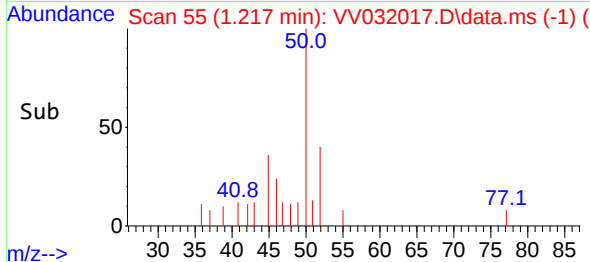
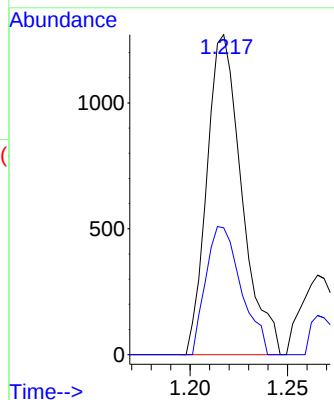
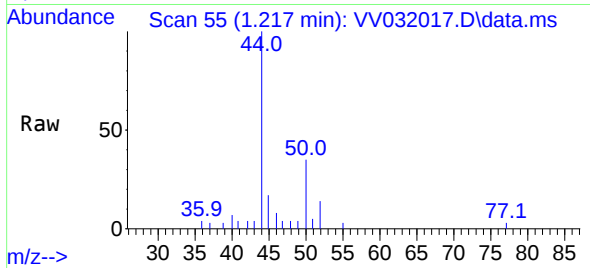
Abundance Scan 55 (1.217 min): VV032013.D\data.ms (-46)



#3
Chloromethane
Concen: 0.217 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

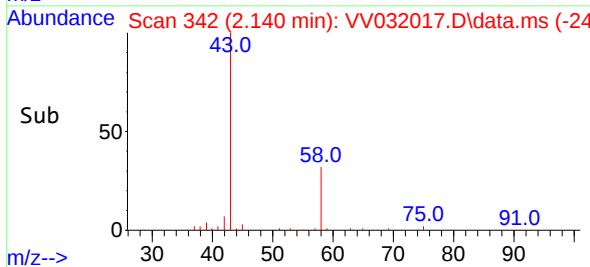
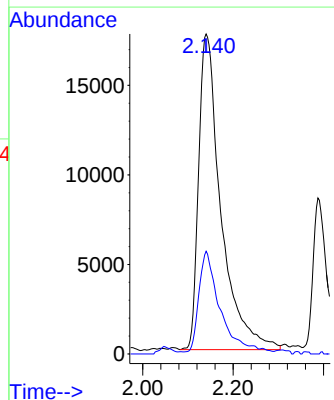
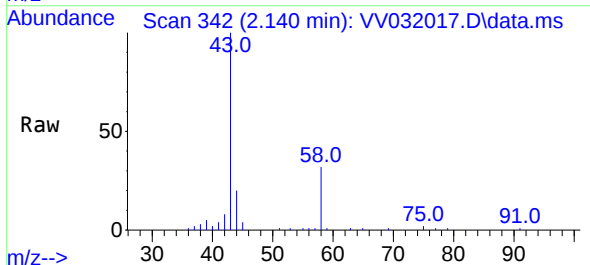
Instrument :
MSVOA_V
ClientSampleId :

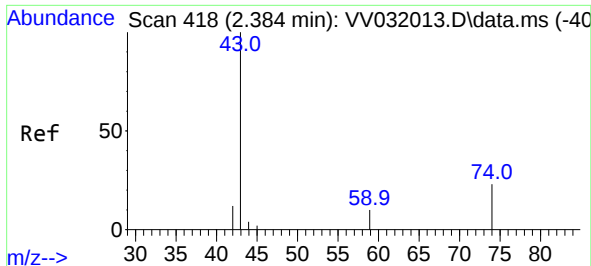
Tgt Ion: 50 Resp: 1583
Ion Ratio Lower Upper
50 100
52 39.7 23.3 43.3



#13
Acetone
Concen: 52.588 ug/L
RT: 2.140 min Scan# 342
Delta R.T. 0.013 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

Tgt Ion: 43 Resp: 60306
Ion Ratio Lower Upper
43 100
58 28.6 0.0 37.0

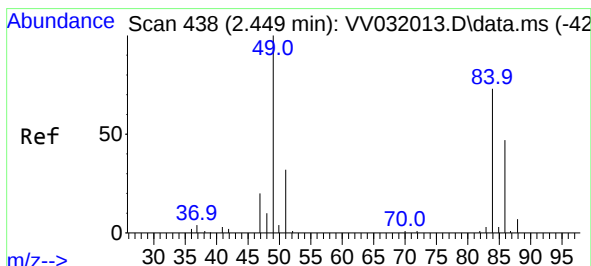
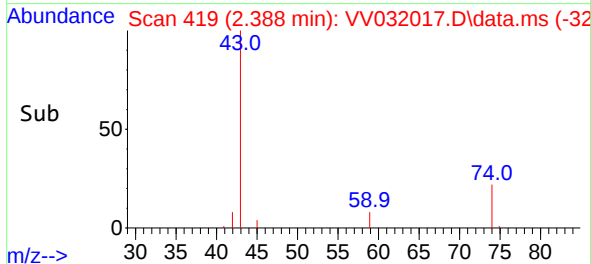
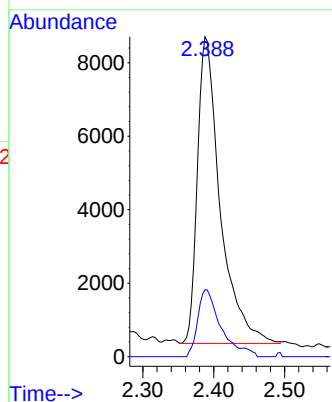
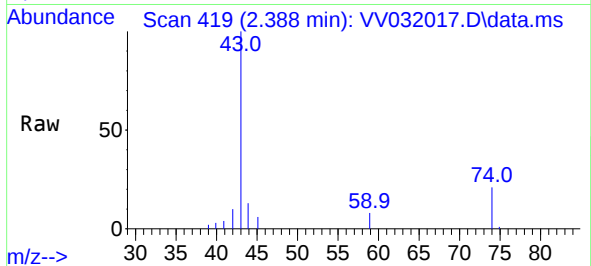




#15
Methyl Acetate
Concen: 7.958 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

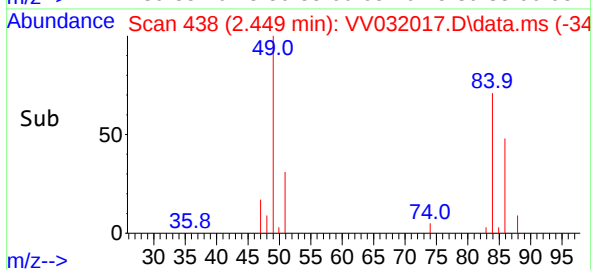
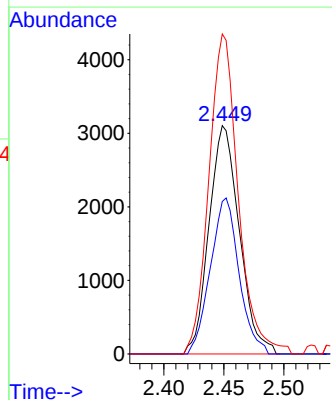
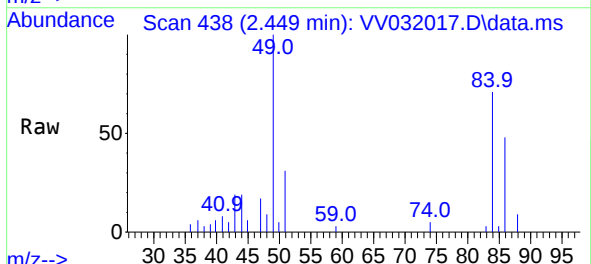
Instrument :
MSVOA_V
ClientSampleId :

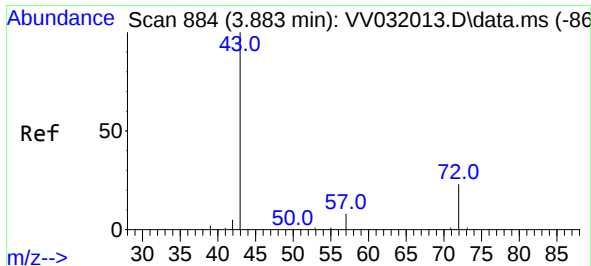
Tgt Ion: 43 Resp: 18598
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5



#16
Methylene chloride
Concen: 0.627 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

Tgt Ion: 84 Resp: 5461
Ion Ratio Lower Upper
84 100
86 66.8 42.6 79.2
49 140.1 88.5 164.4

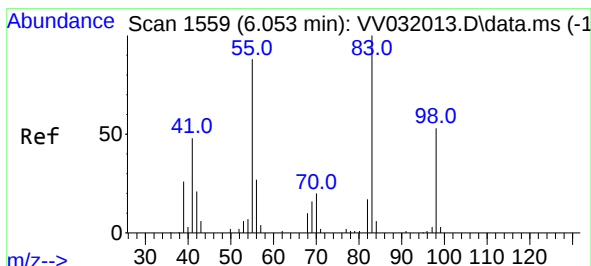
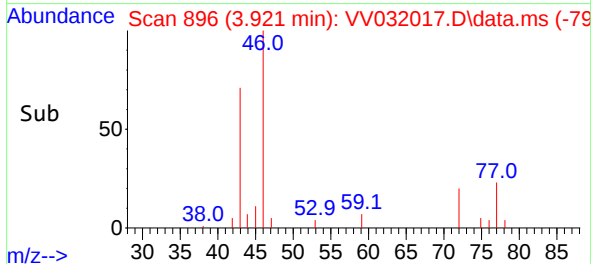
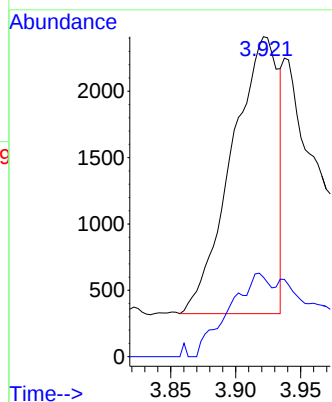
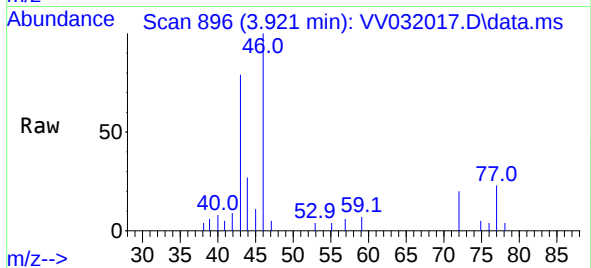




#21
2-Butanone
Concen: 3.202 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.042 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

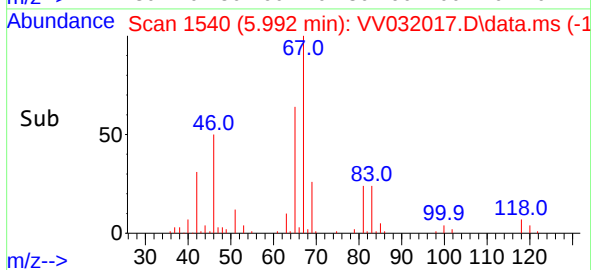
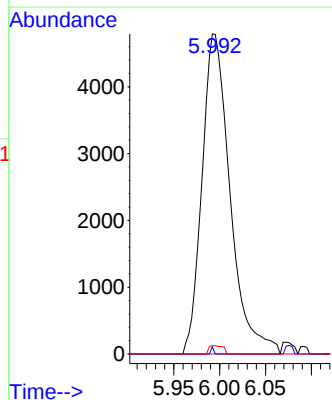
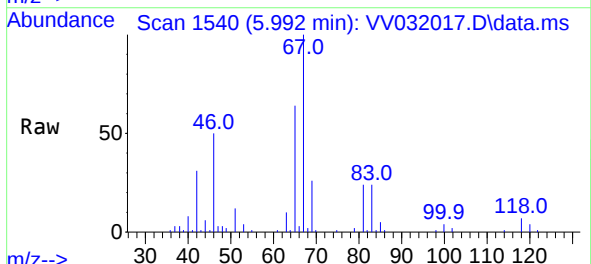
Instrument :
MSVOA_V
ClientSampleId :

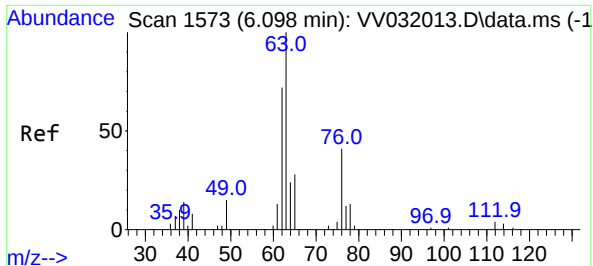
Tgt Ion: 43 Resp: 5201
Ion Ratio Lower Upper
43 100
72 26.6 9.0 27.0



#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

Tgt Ion: 83 Resp: 10211
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.3 37.8 56.8#

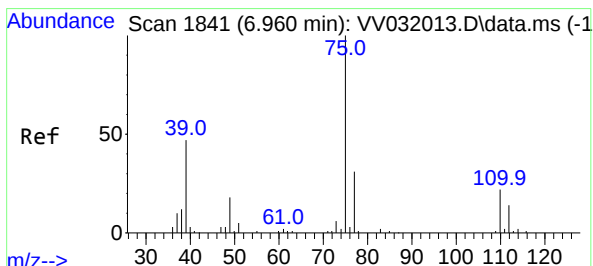
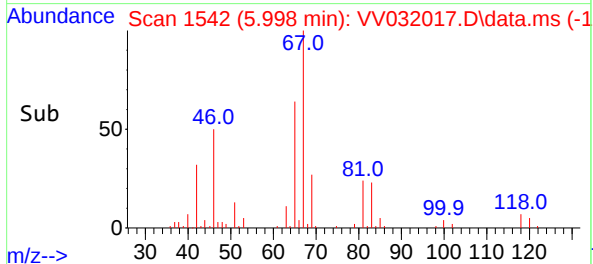
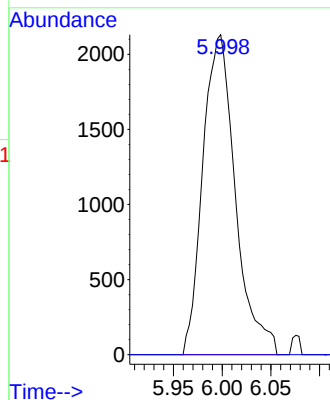
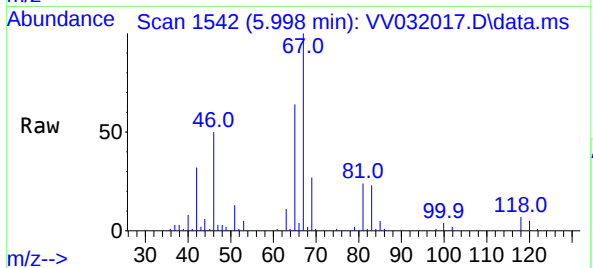




#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.099 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

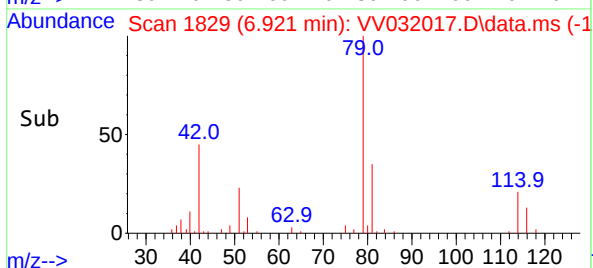
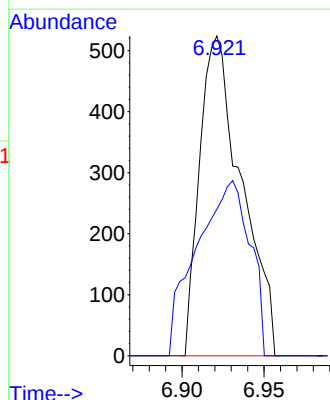
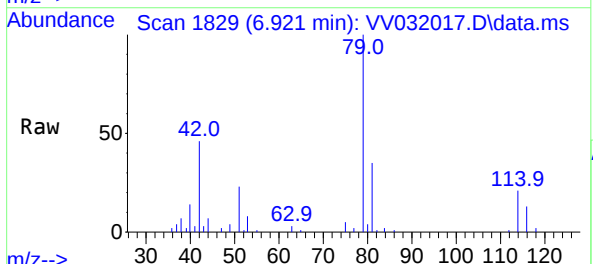
Instrument :
MSVOA_V
ClientSampleId :

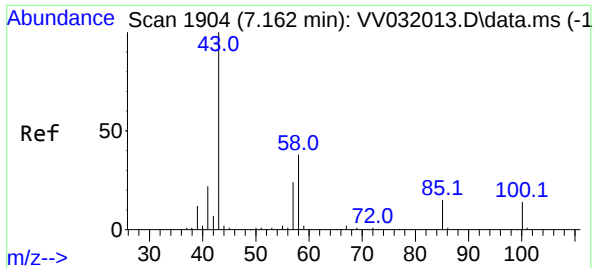
Tgt Ion: 63 Resp: 4958
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.038 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

Tgt Ion: 75 Resp: 931
Ion Ratio Lower Upper
75 100
77 45.8 23.2 43.2#

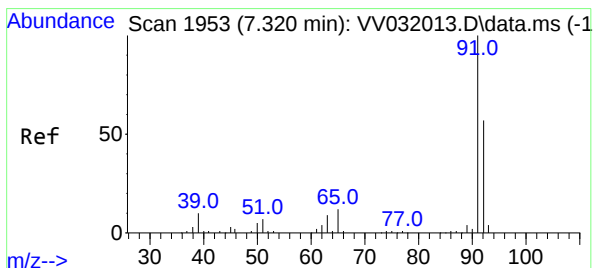
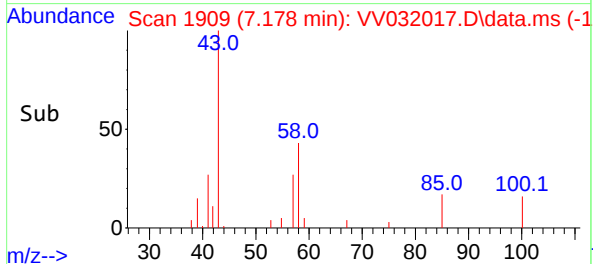
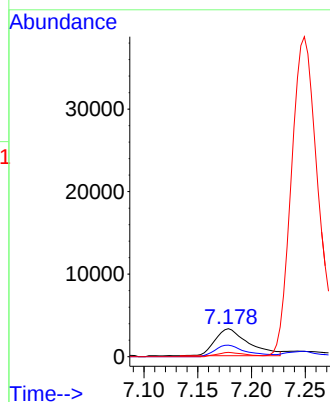
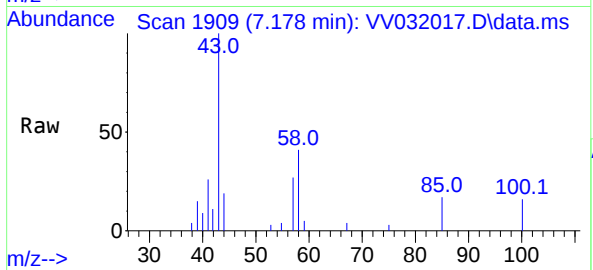




#40
4-Methyl-2-pentanone
Concen: 1.527 ug/L
RT: 7.178 min Scan# 1909
Delta R.T. 0.016 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

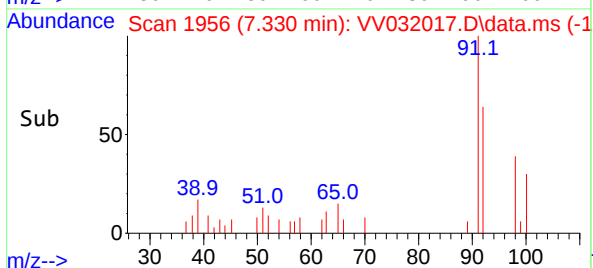
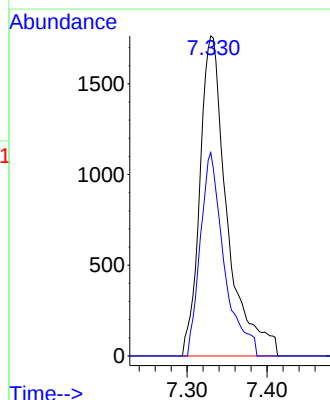
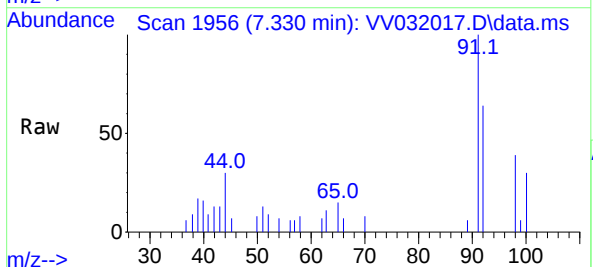
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MSVOA_V
ClientSampleId :

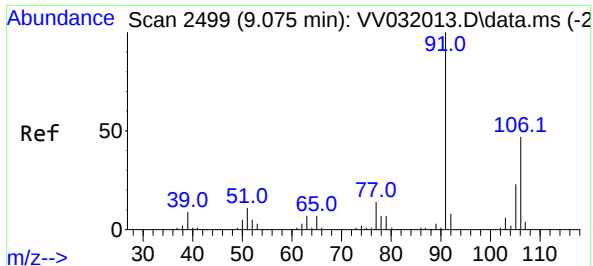
Tgt Ion: 43 Resp: 7141
Ion Ratio Lower Upper
43 100
58 39.3 29.0 43.6
100 0.0 10.7 16.1#



#42
Toluene
Concen: 0.139 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.010 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

Tgt Ion: 91 Resp: 4174
Ion Ratio Lower Upper
91 100
92 63.5 40.5 75.1





#53

m,p-Xylene

Concen: 0.065 ug/L

RT: 9.088 min Scan# 2499

Delta R.T. 0.013 min

Lab File: VV032017.D

Acq: 11 Sep 2023 11:31

Instrument :

MSVOA_V

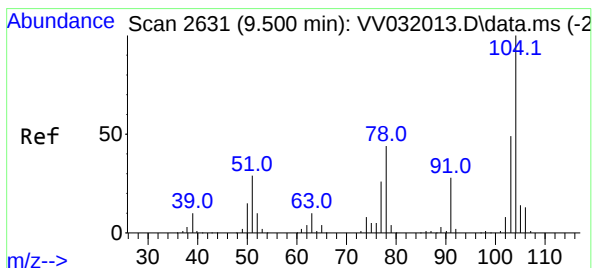
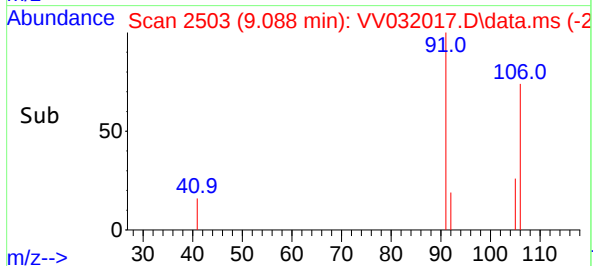
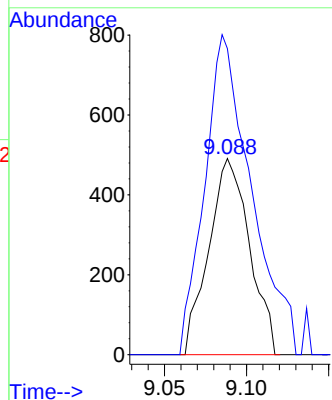
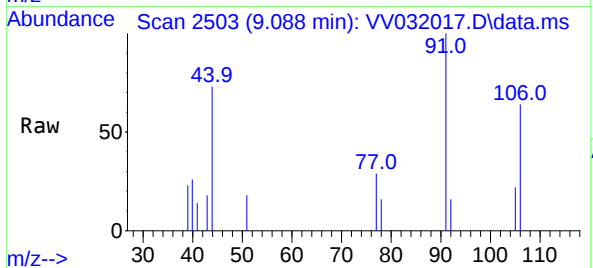
ClientSampleId :

Tgt Ion:106 Resp: 849

Ion Ratio Lower Upper

106 100

91 156.0 142.7 265.1



#55

Styrene

Concen: 0.092 ug/L

RT: 9.513 min Scan# 2635

Delta R.T. 0.013 min

Lab File: VV032017.D

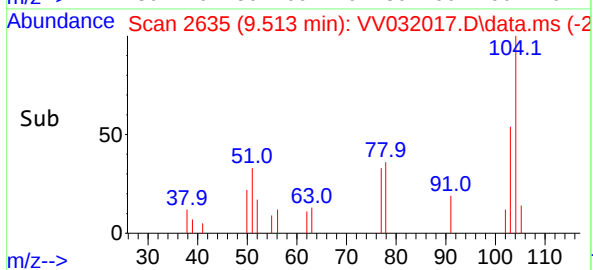
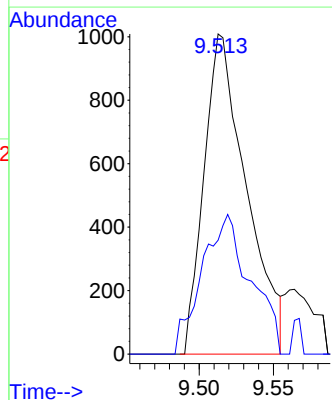
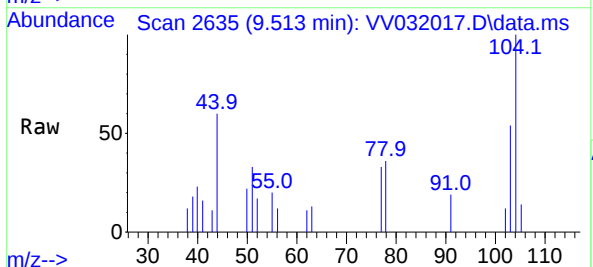
Acq: 11 Sep 2023 11:31

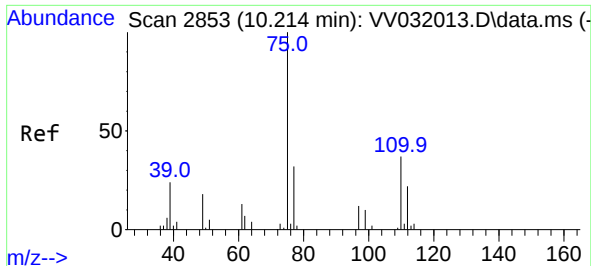
Tgt Ion:104 Resp: 2004

Ion Ratio Lower Upper

104 100

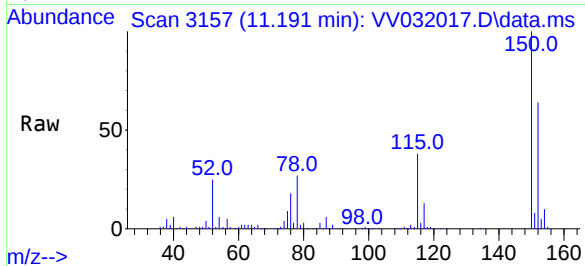
78 35.6 32.1 59.7



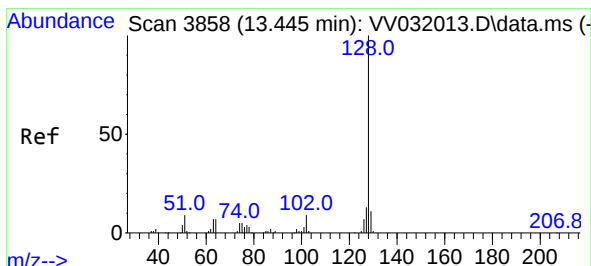
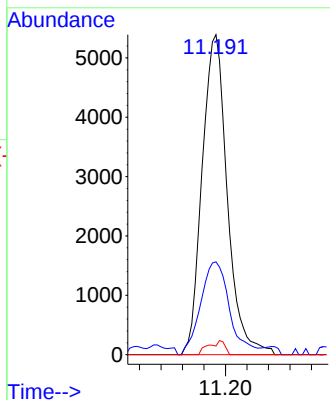
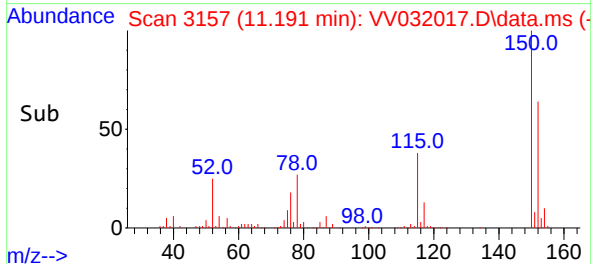


#61
1,2,3-Trichloropropane
Concen: 1.879 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.978 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31

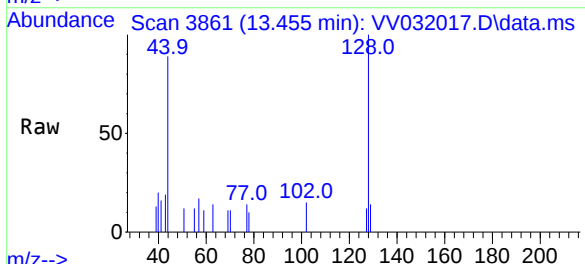
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 8761
Ion Ratio Lower Upper
75 100
77 33.4 28.8 43.2
110 2.8 30.2 45.2#



#71
Naphthalene
Concen: 0.089 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.010 min
Lab File: VV032017.D
Acq: 11 Sep 2023 11:31



Tgt Ion: 128 Resp: 1772
Ion Ratio Lower Upper
128 100
129 8.3 8.9 13.3#
127 7.6 10.8 16.2#

