

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024017.D
 Acq On : 16 Dec 2021 16:50
 Operator : SY/MD
 Sample : M5090-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:01:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

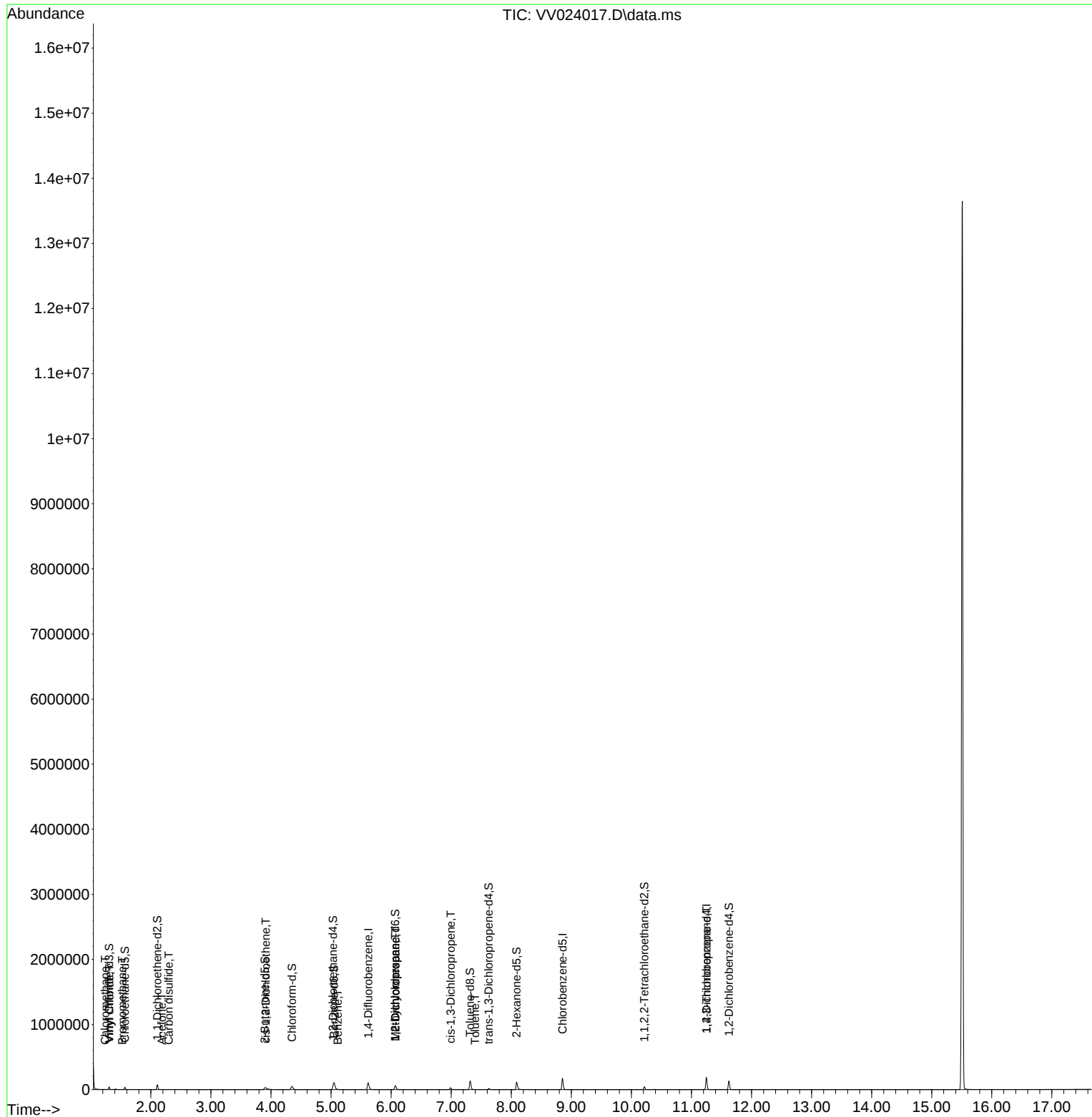
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	92808	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	97394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23780	4.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.568	69	20257	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.108	63	35313	3.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.899	46	47589	48.822	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.640%
24) Chloroform-d	4.349	84	52488	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	25144	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	96409	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	27812	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.317	98	86778	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.625	79	10289	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.088	63	38998	36.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19695	4.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	35472	5.207	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	658	0.095	ug/L	96
5) Vinyl chloride	1.311	62	373	0.050	ug/L #	1
6) Bromomethane	1.523	94	215	0.045	ug/L #	2
13) Acetone	2.182	43	2831	3.630	ug/L #	3
14) Carbon disulfide	2.298	76	3777	0.209	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	2791	0.383	ug/L	96
33) Benzene	5.111	78	3364	0.122	ug/L	100
35) Methylcyclohexane	6.069	83	6939	0.607	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	3421	0.522	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	887	0.091	ug/L #	22
42) Toluene	7.397	91	2022	0.065	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	5274	1.518	ug/L #	64

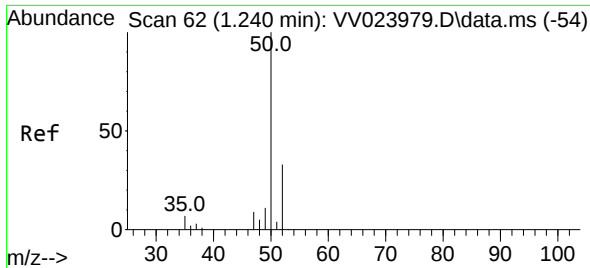
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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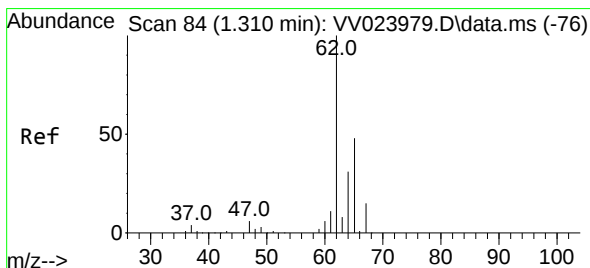
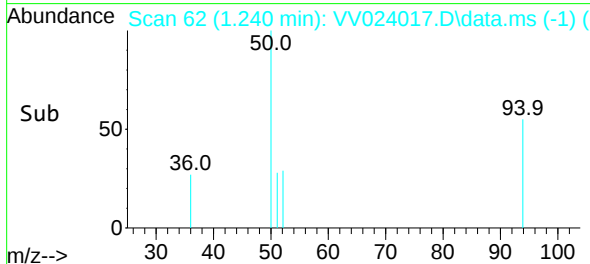
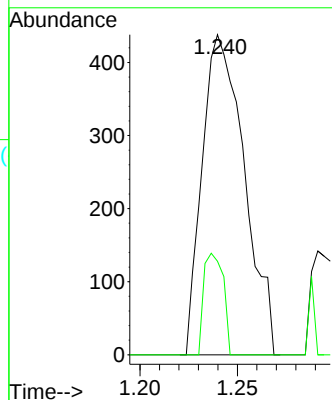
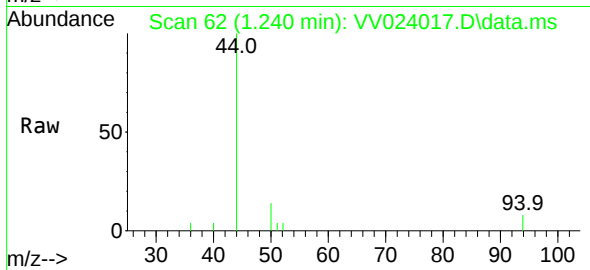




#3
Chloromethane
Concen: 0.095 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

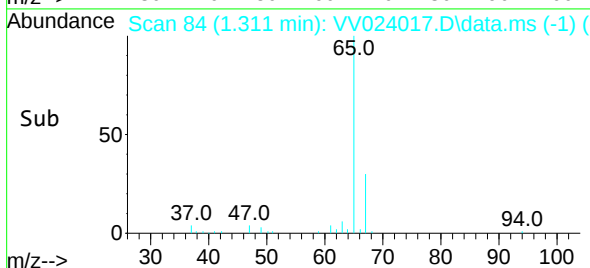
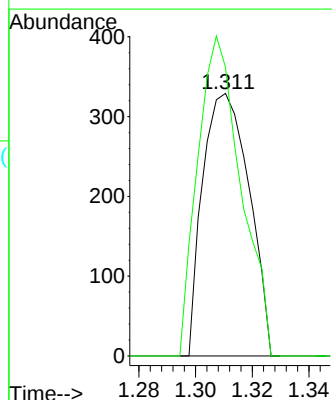
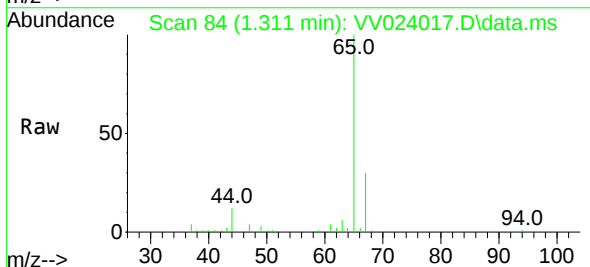
Instrument :
MSVOA_V
ClientSampleId :

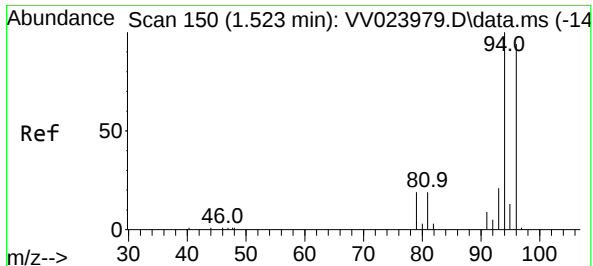
Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 29.2 22.0 41.0



#5
Vinyl chloride
Concen: 0.050 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

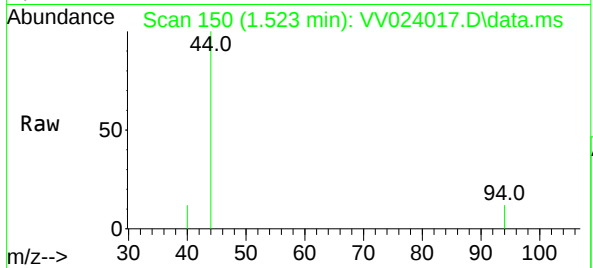
Tgt Ion: 62 Resp: 373
Ion Ratio Lower Upper
62 100
64 110.0 22.4 41.6#



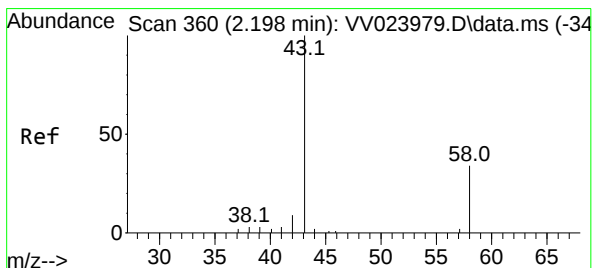
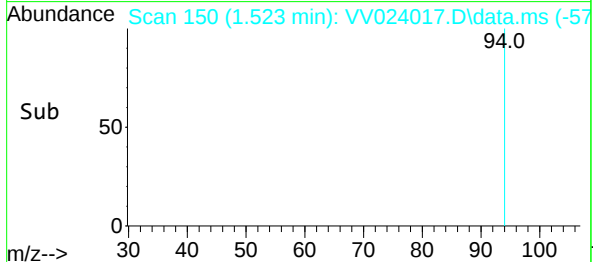
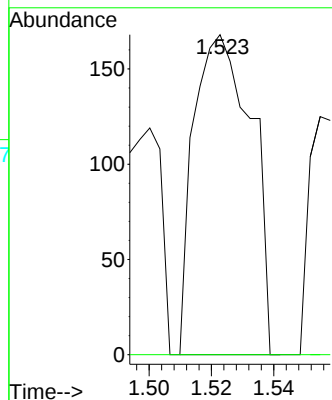


#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

Instrument :
MSVOA_V
ClientSampleId :

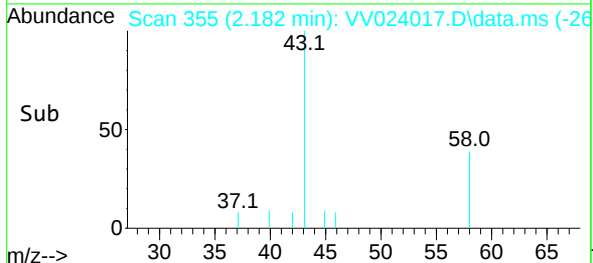
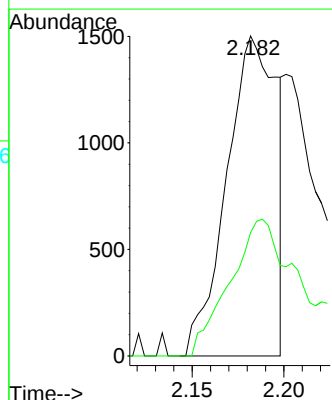
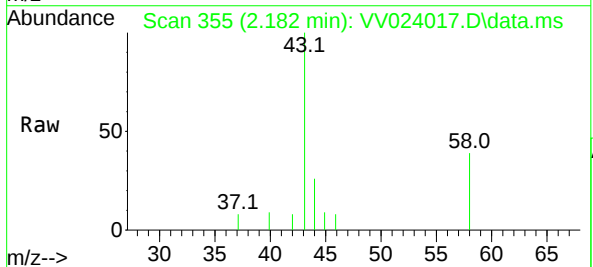


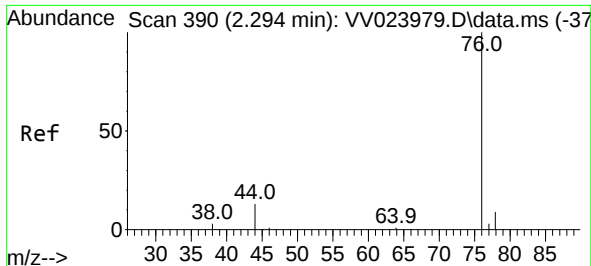
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 0.0 66.2 123.0#



#13
Acetone
Concen: 3.630 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.016 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

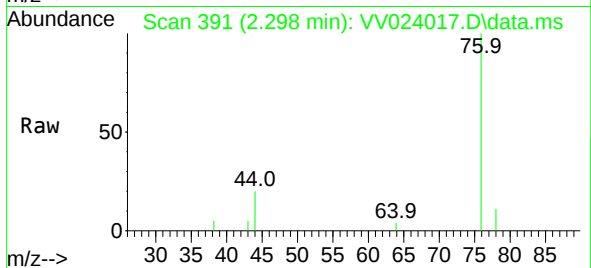
Tgt Ion: 43 Resp: 2831
Ion Ratio Lower Upper
43 100
58 65.9 0.0 41.4#



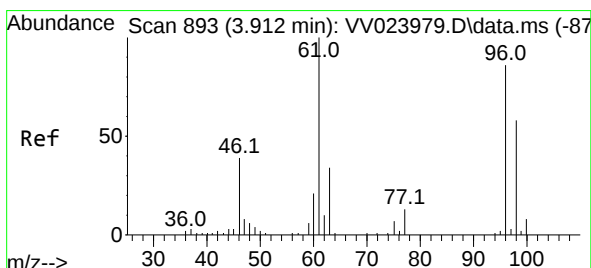
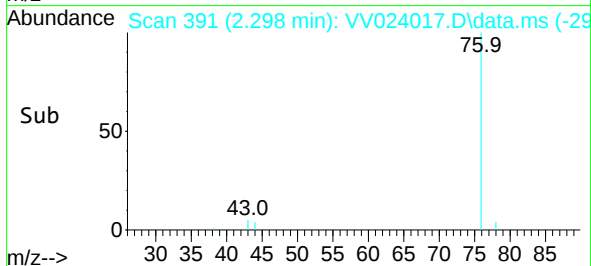
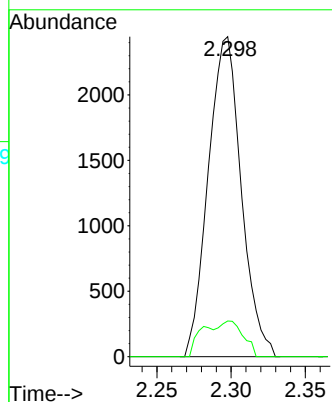


#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.298 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

Instrument :
MSVOA_V
ClientSampleId :

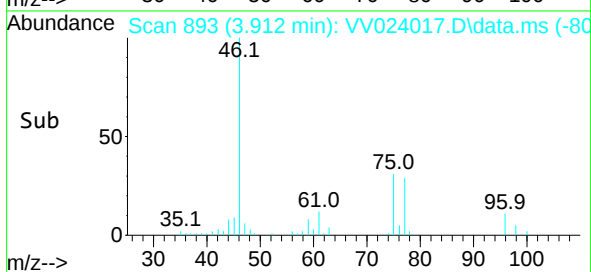
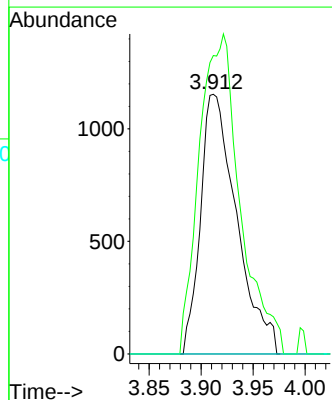
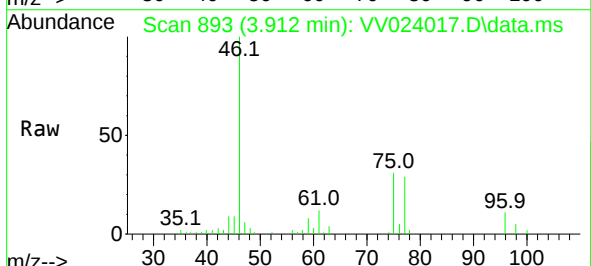


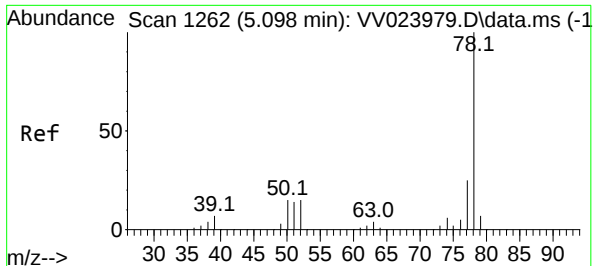
Tgt Ion: 76 Resp: 3777
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3



#22
cis-1,2-Dichloroethene
Concen: 0.383 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

Tgt Ion: 96 Resp: 2791
Ion Ratio Lower Upper
96 100
61 114.9 83.4 154.8
68 0.0 0.0 0.0

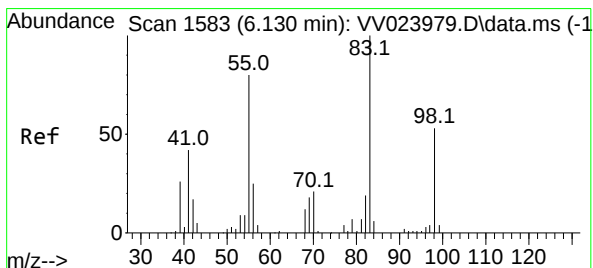
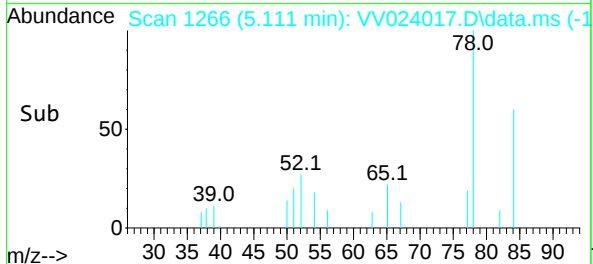
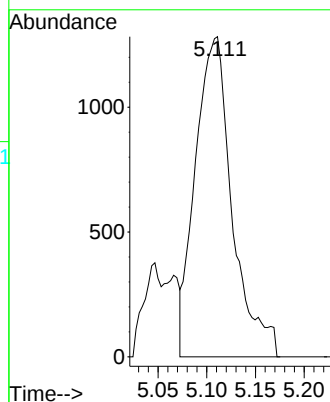
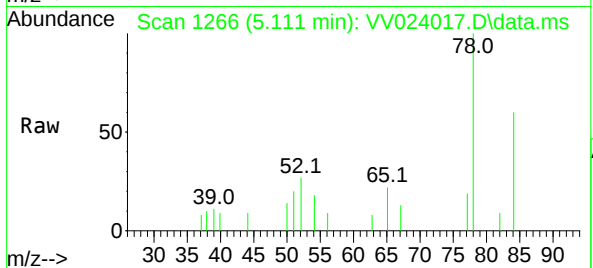




#33
Benzene
Concen: 0.122 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

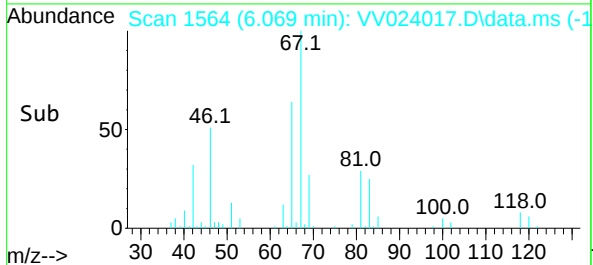
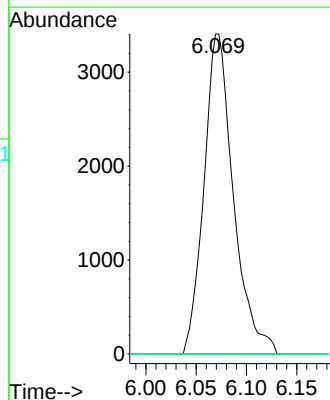
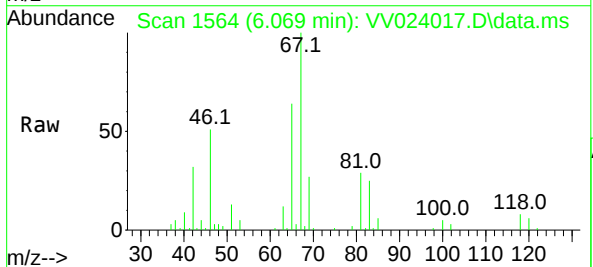
Instrument :
MSVOA_V
ClientSampleId :

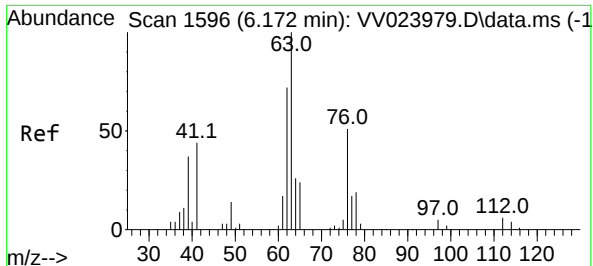
Tgt Ion: 78 Resp: 3364



#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024017.D
Acq: 16 Dec 2021 16:50

Tgt Ion: 83 Resp: 6939
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 2.4 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.522 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024017.D

Acq: 16 Dec 2021 16:50

Instrument :

MSVOA_V

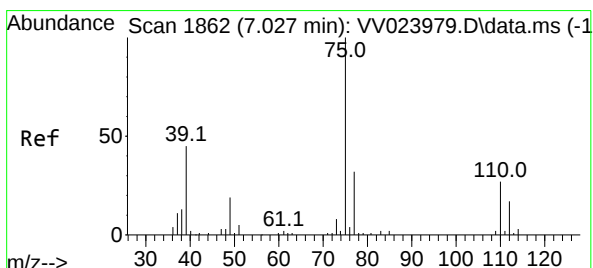
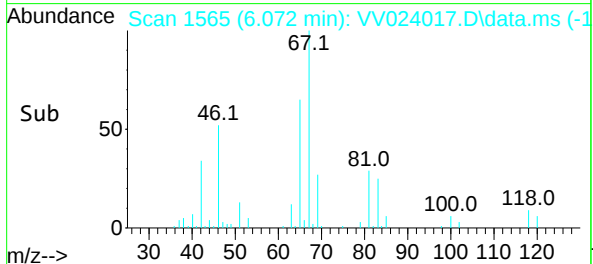
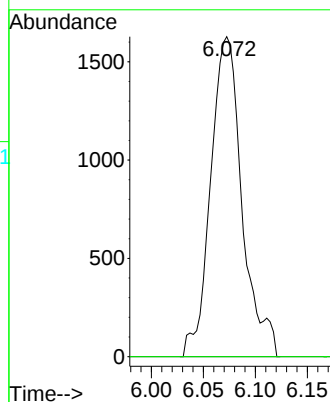
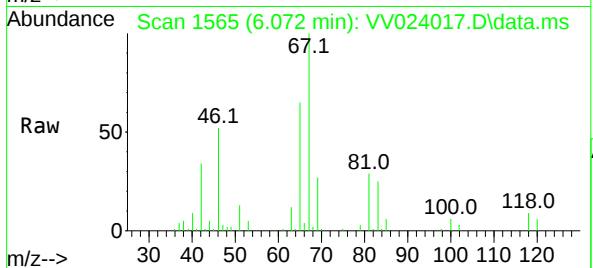
ClientSampleId :

Tgt Ion: 63 Resp: 3421

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV024017.D

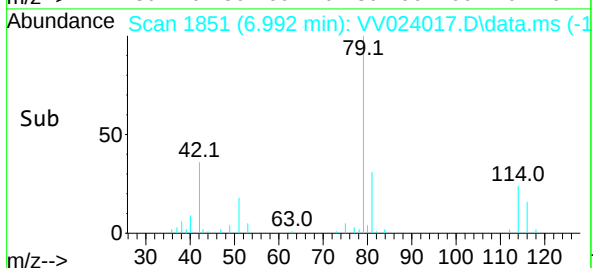
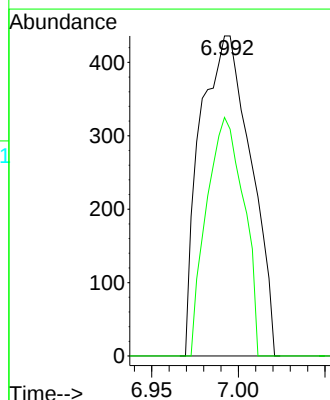
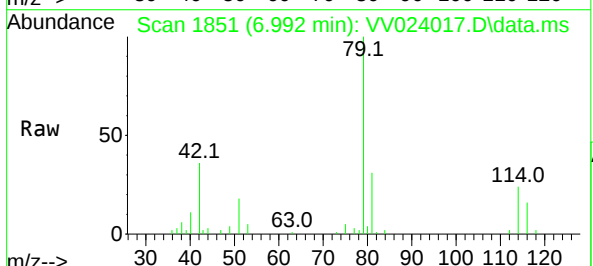
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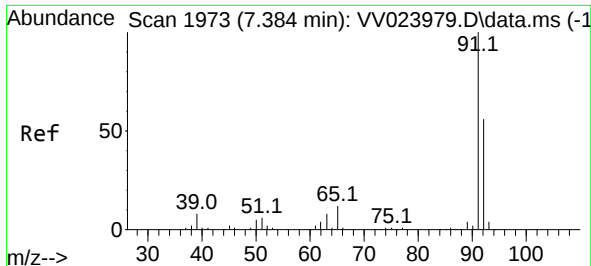
Tgt Ion: 75 Resp: 887

Ion Ratio Lower Upper

75 100

77 74.5 22.0 41.0#





#42

Toluene

Concen: 0.065 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV024017.D

Acq: 16 Dec 2021 16:50

Instrument :

MSVOA_V

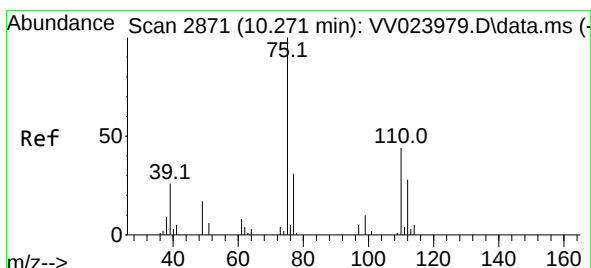
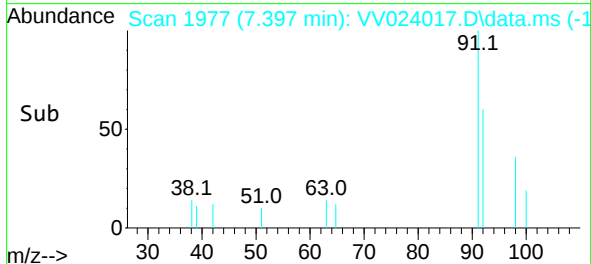
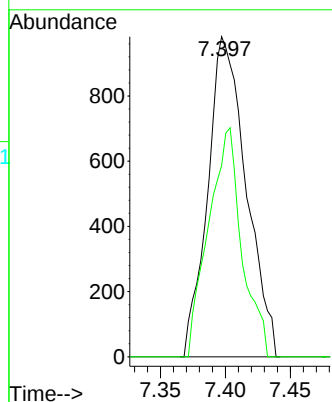
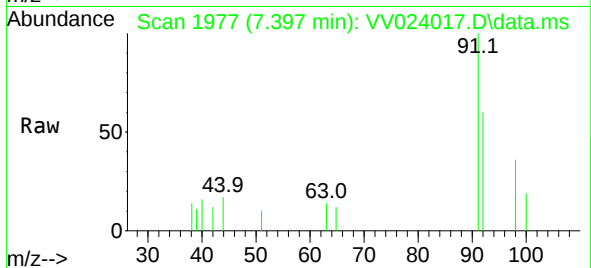
ClientSampleId :

Tgt Ion: 91 Resp: 2022

Ion Ratio Lower Upper

91 100

92 59.8 41.5 77.1



#61

1,2,3-Trichloropropane

Concen: 1.518 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV024017.D

Acq: 16 Dec 2021 16:50

Tgt Ion: 75 Resp: 5274

Ion Ratio Lower Upper

75 100

77 32.8 26.4 39.6

110 1.8 34.2 51.2

