

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023870.D
 Acq On : 09 Dec 2021 18:41
 Operator : SY/MD
 Sample : M5003-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

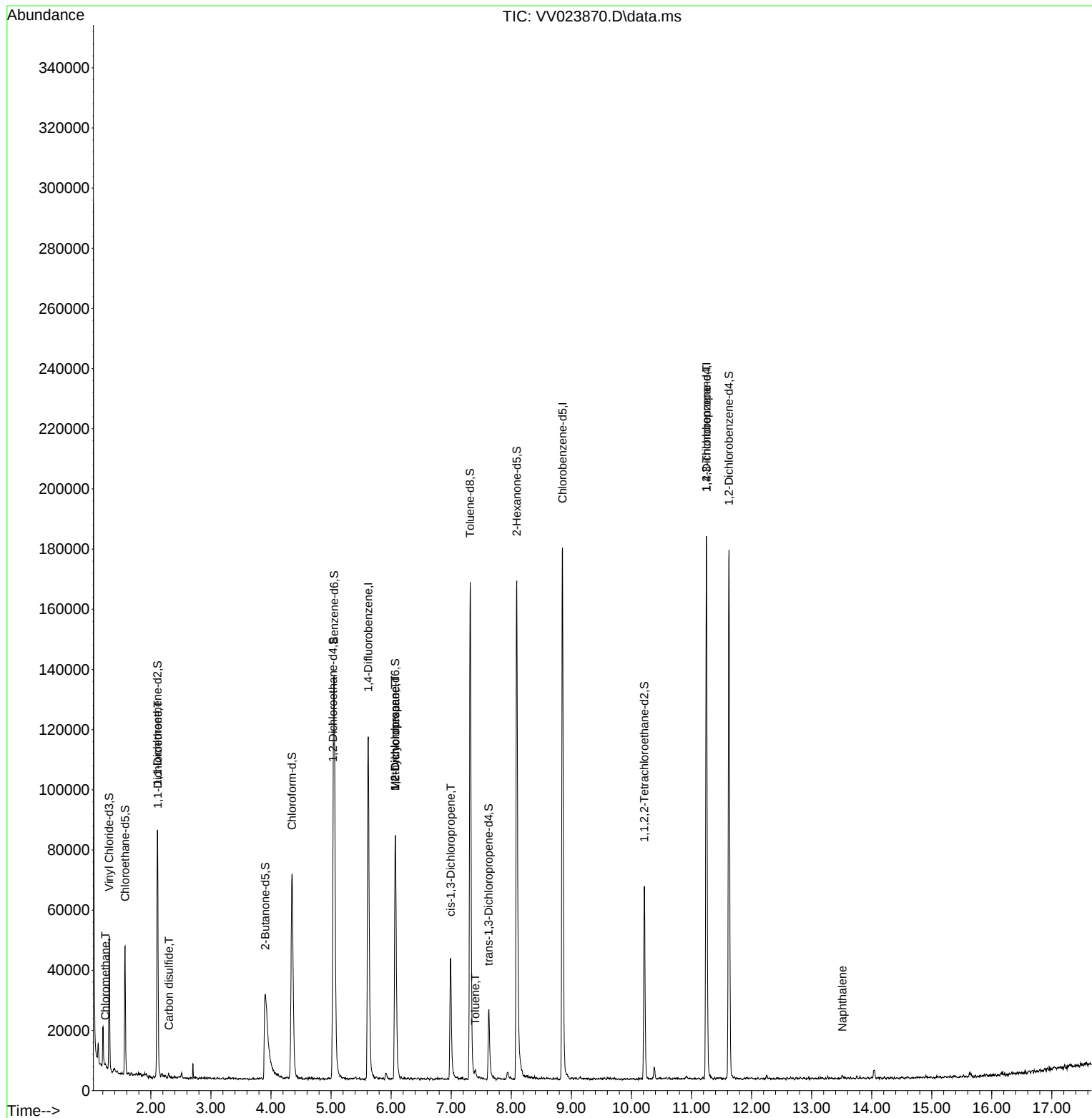
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103303	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26517	3.127	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.571	69	25099	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.111	63	42212	2.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.905	46	74959	73.528	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.060%#
24) Chloroform-d	4.349	84	68446	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	34155	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	123962	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.069	67	37362	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.317	98	111085	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	14246	4.596	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.092	63	60832	59.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27638	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	47177	5.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	495	0.058	ug/L #	68
12) 1,1-Dichloroethene	2.114	96	452	0.065	ug/L #	1
14) Carbon disulfide	2.301	76	1291	0.055	ug/L #	88
35) Methylcyclohexane	6.069	83	10235	0.854	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	4747	0.696	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1413	0.146	ug/L #	76
42) Toluene	7.404	91	2168	0.070	ug/L	87
61) 1,2,3-Trichloropropane	11.249	75	5343	1.509	ug/L #	63
71) Naphthalene	13.513	128	1162	0.094	ug/L #	77

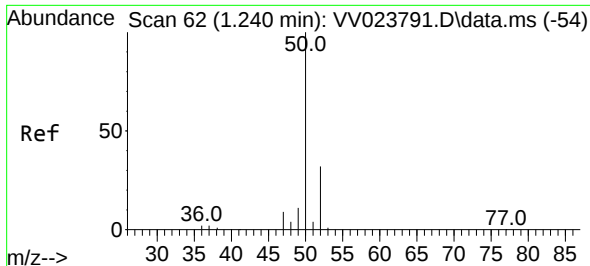
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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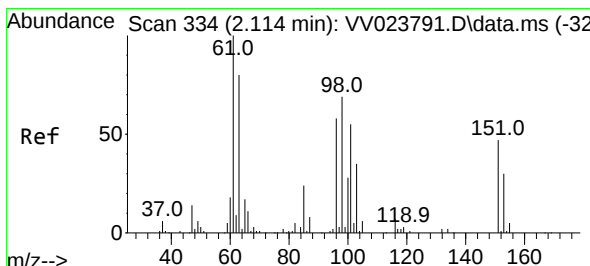
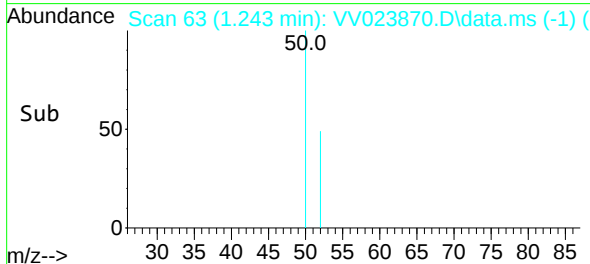
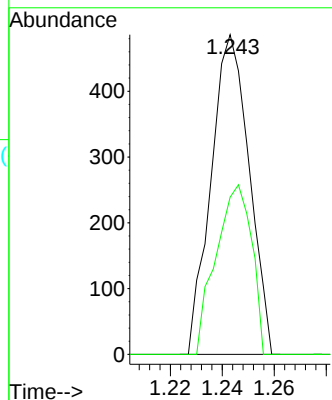
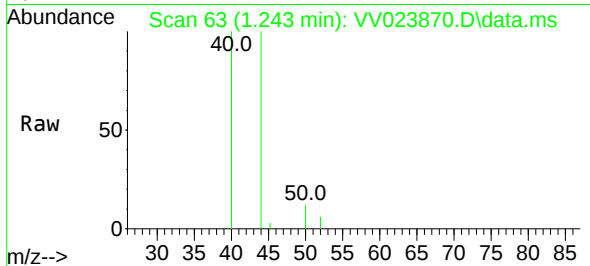




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023870.D
Acq: 09 Dec 2021 18:41

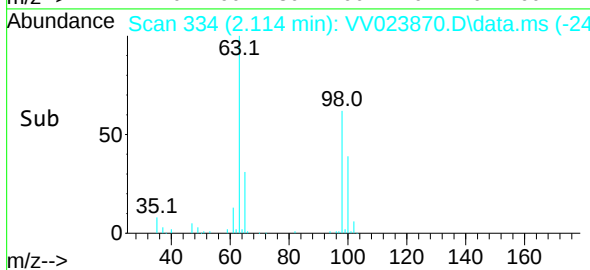
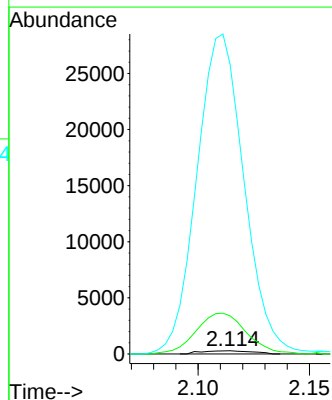
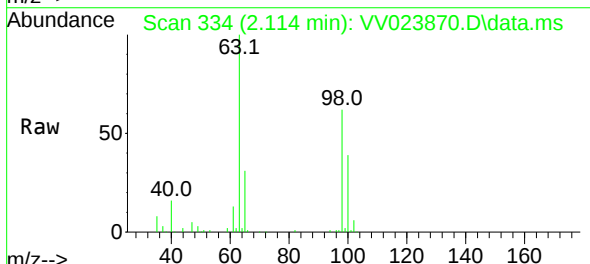
Instrument :
MSVOA_V
ClientSampleId :

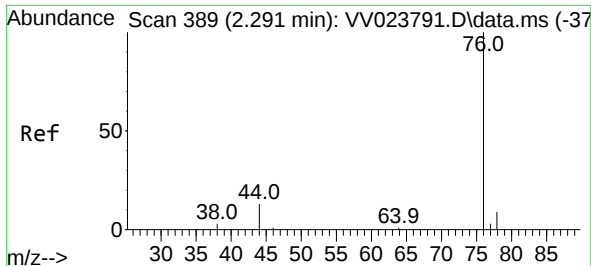
Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 49.2 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023870.D
Acq: 09 Dec 2021 18:41

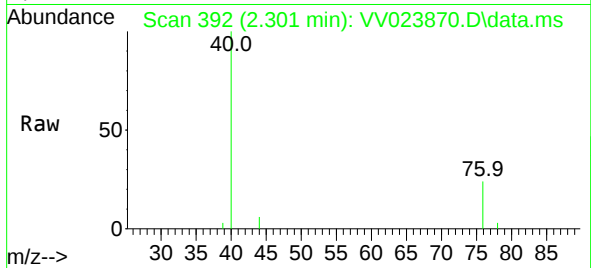
Tgt Ion: 96 Resp: 452
Ion Ratio Lower Upper
96 100
61 1209.3 116.1 215.5#
63 9181.5 79.4 147.4#



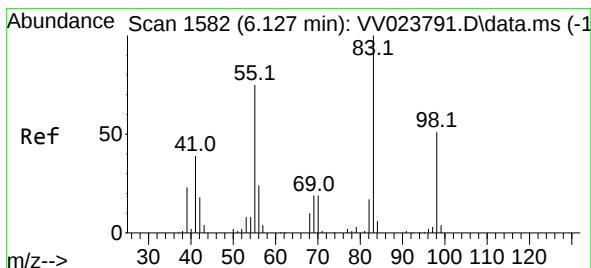
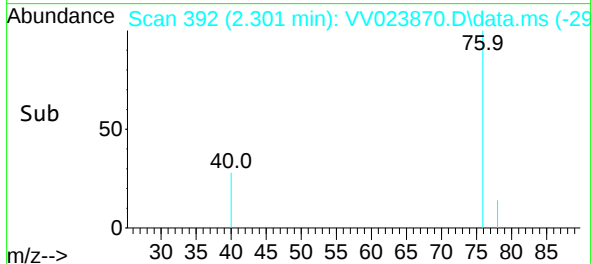
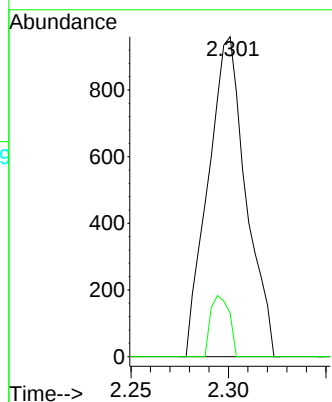


#14
Carbon disulfide
Concen: 0.055 ug/L
RT: 2.301 min Scan# 392
Delta R.T. 0.007 min
Lab File: VV023870.D
Acq: 09 Dec 2021 18:41

Instrument :
MSVOA_V
ClientSampleId :

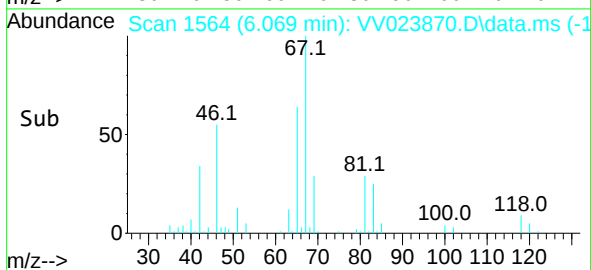
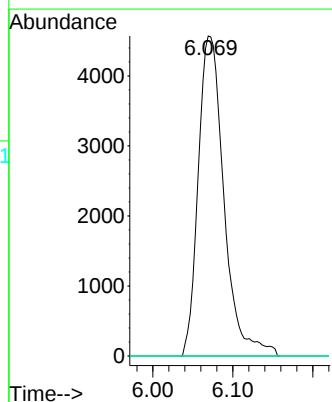
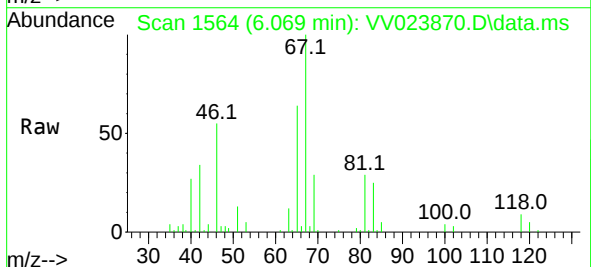


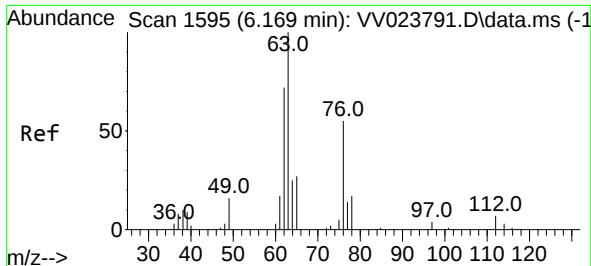
Tgt Ion: 76 Resp: 1291
Ion Ratio Lower Upper
76 100
78 13.6 7.5 11.3#



#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023870.D
Acq: 09 Dec 2021 18:41

Tgt Ion: 83 Resp: 10235
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 4.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023870.D

Acq: 09 Dec 2021 18:41

Instrument :

MSVOA_V

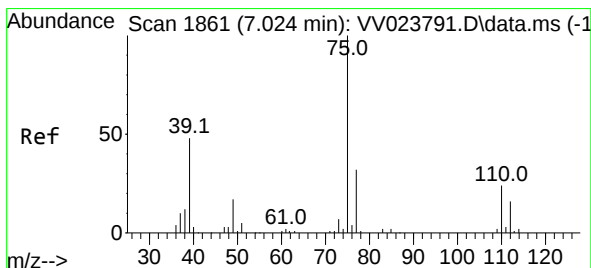
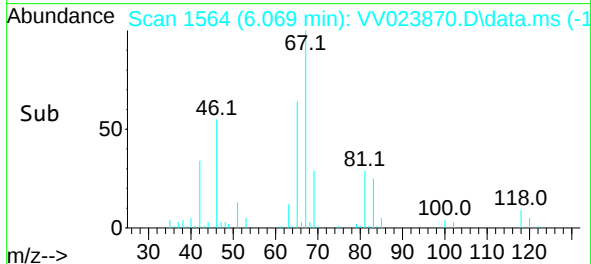
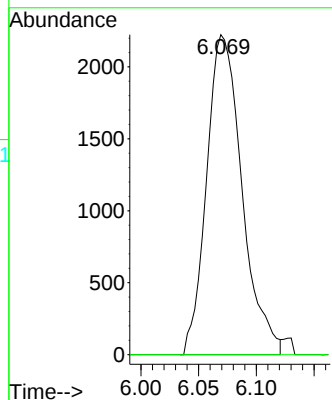
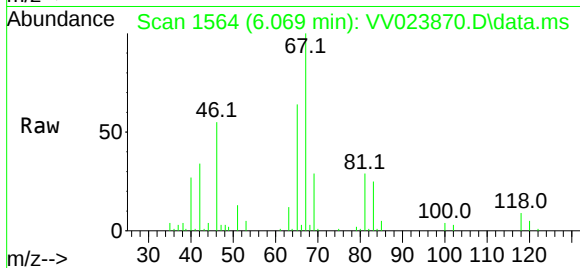
ClientSampleId :

Tgt Ion: 63 Resp: 4747

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.146 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV023870.D

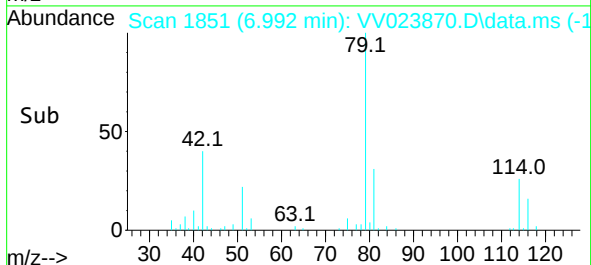
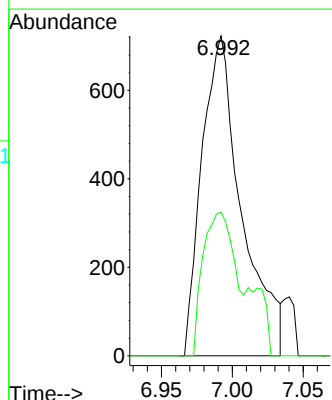
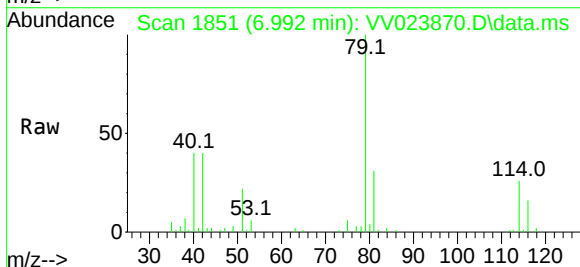
Acq: 09 Dec 2021 18:41

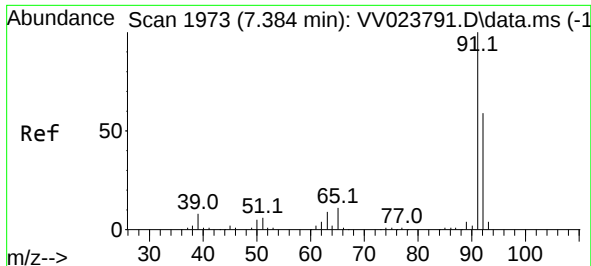
Tgt Ion: 75 Resp: 1413

Ion Ratio Lower Upper

75 100

77 45.0 22.0 41.0#





#42

Toluene

Concen: 0.070 ug/L

RT: 7.404 min Scan# 1973

Delta R.T. 0.019 min

Lab File: VV023870.D

Acq: 09 Dec 2021 18:41

Instrument :

MSVOA_V

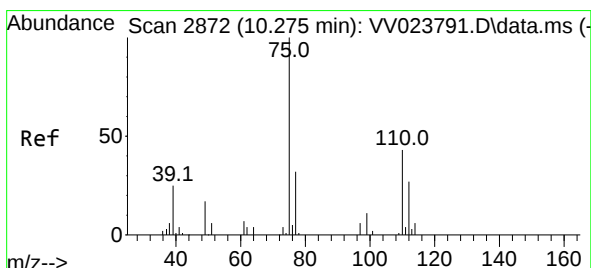
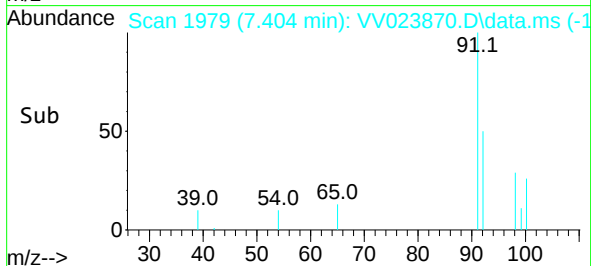
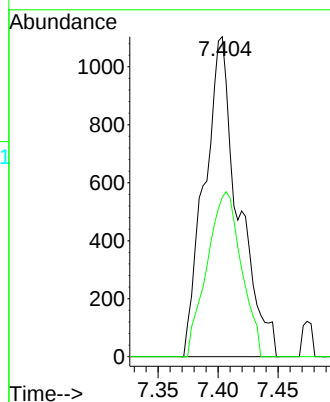
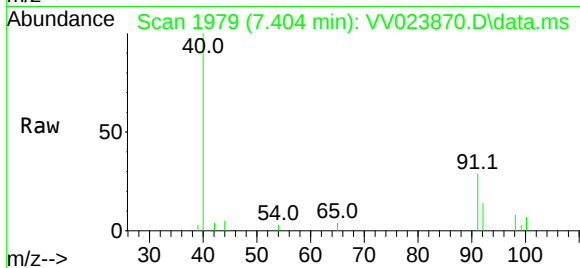
ClientSampleId :

Tgt Ion: 91 Resp: 2168

Ion Ratio Lower Upper

91 100

92 49.8 41.5 77.1



#61

1,2,3-Trichloropropane

Concen: 1.509 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023870.D

Acq: 09 Dec 2021 18:41

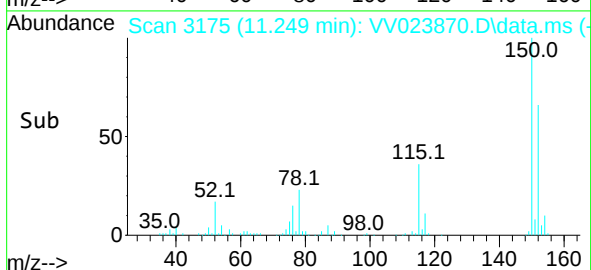
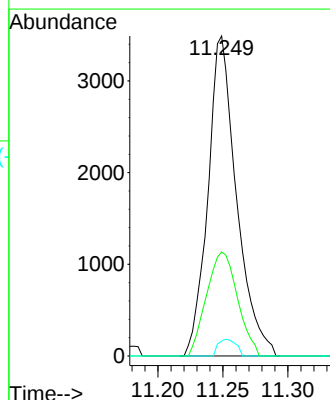
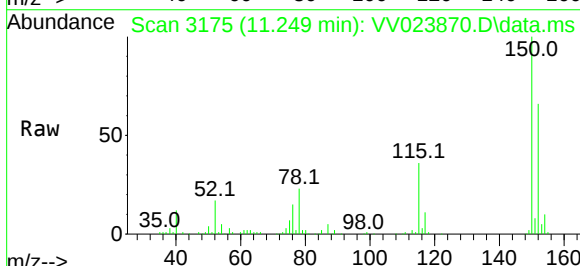
Tgt Ion: 75 Resp: 5343

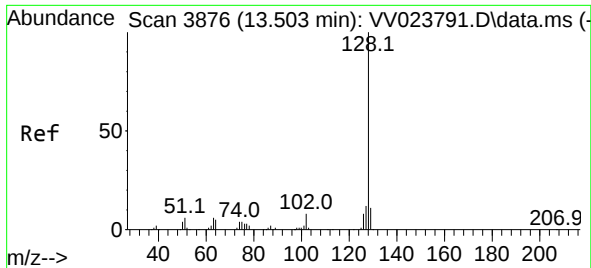
Ion Ratio Lower Upper

75 100

77 35.1 26.4 39.6

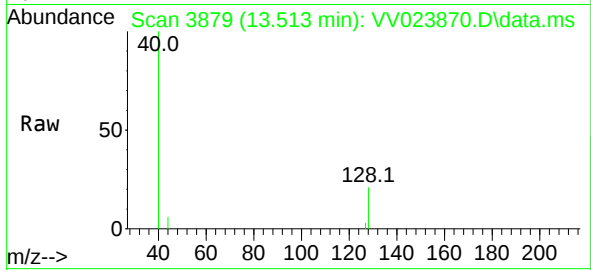
110 3.3 34.2 51.2#





#71
Naphthalene
Concen: 0.094 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023870.D
Acq: 09 Dec 2021 18:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	5.8	10.2	15.4#

