

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023872.D
 Acq On : 09 Dec 2021 19:29
 Operator : SY/MD
 Sample : M5003-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:44:26 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)

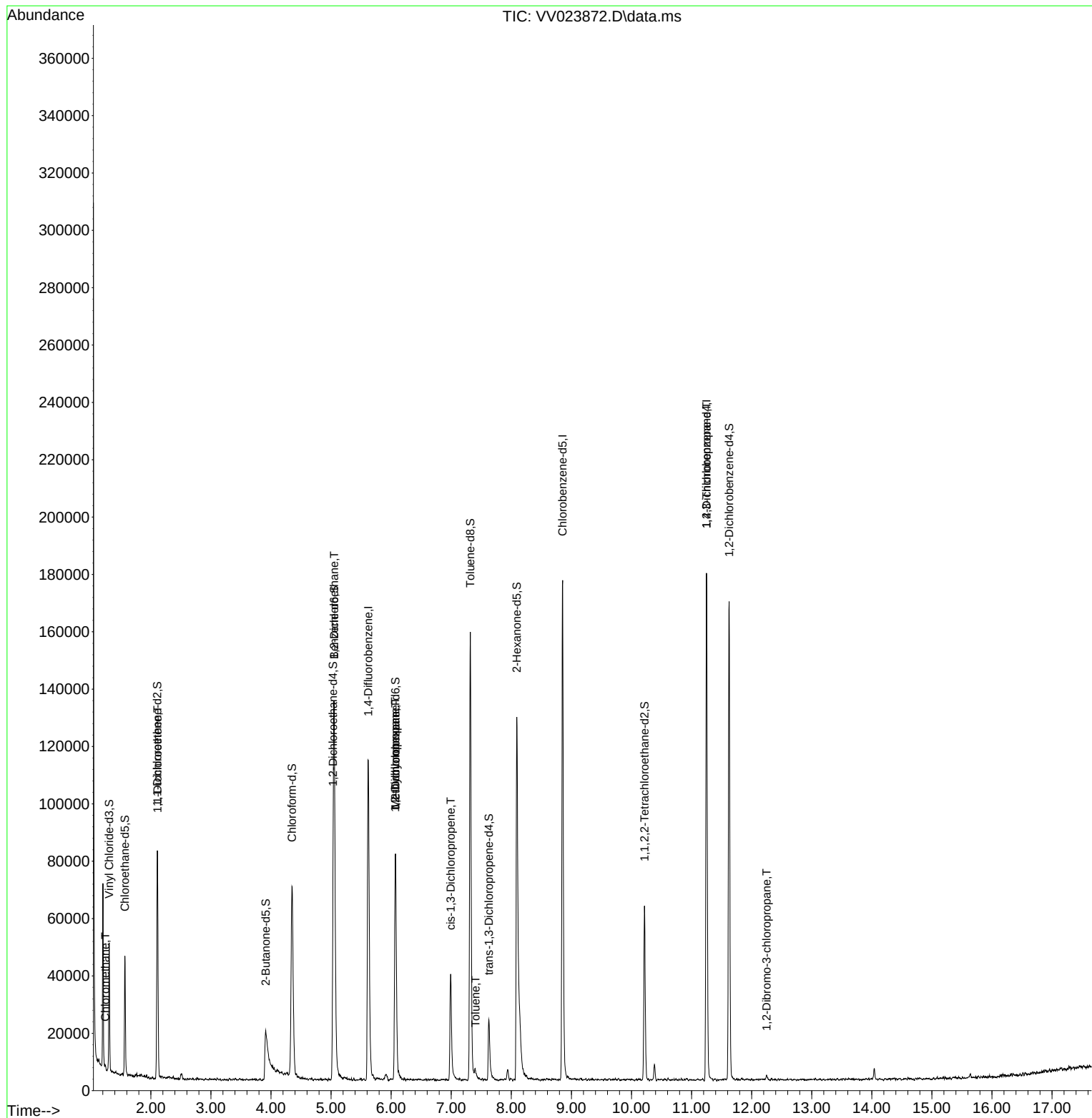
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100645	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	97894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25588	3.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.568	69	25160	3.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.108	63	39642	2.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	3.912	46	46288	46.603	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.200%
24) Chloroform-d	4.349	84	66839	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.034	65	32509	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.050	84	117083	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.072	67	36793	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	105542	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.625	79	13329	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.092	63	58176	58.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28117	5.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	45125	5.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
3) Chloromethane	1.243	50	566	0.068	ug/L	98
12) 1,1-Dichloroethene	2.111	96	488	0.072	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	796	0.104	ug/L #	73
35) Methylcyclohexane	6.072	83	9106	0.781	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4545	0.685	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	856	0.091	ug/L #	45
42) Toluene	7.407	91	1990	0.066	ug/L	79
61) 1,2,3-Trichloropropane	11.249	75	4959	1.426	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.249	75	53	0.077	ug/L #	1

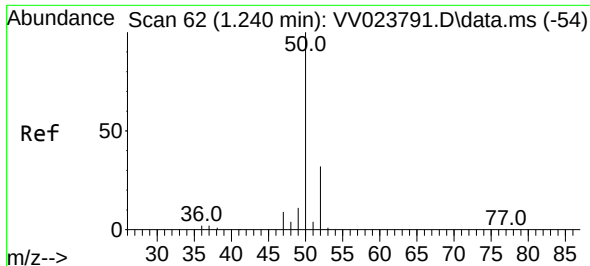
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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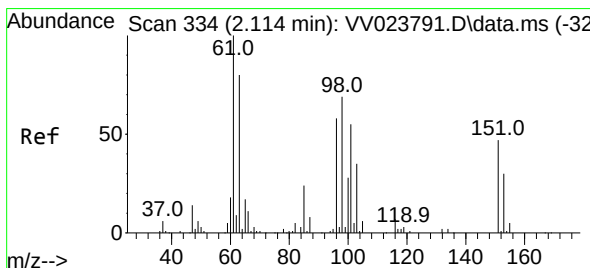
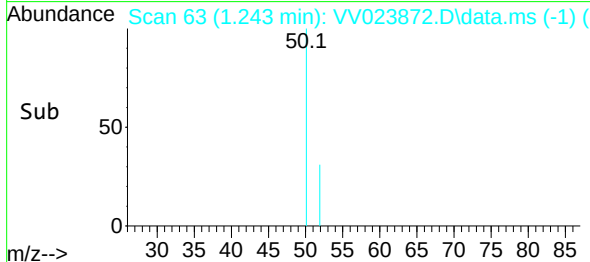
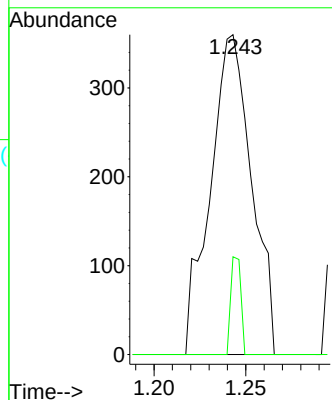
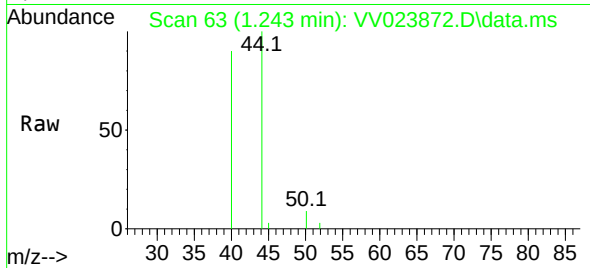




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023872.D
Acq: 09 Dec 2021 19:29

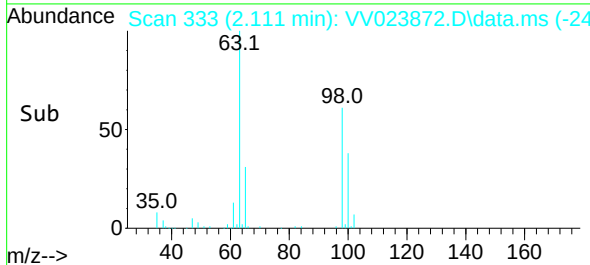
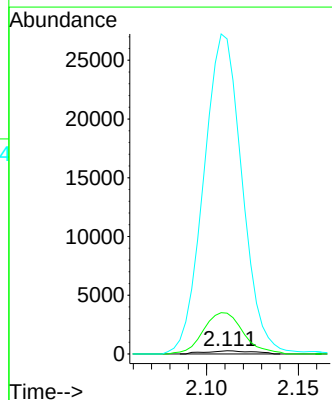
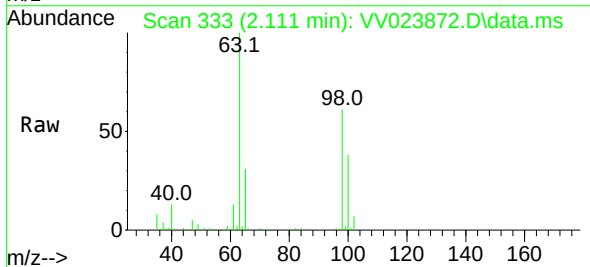
Instrument :
MSVOA_V
ClientSampleId :

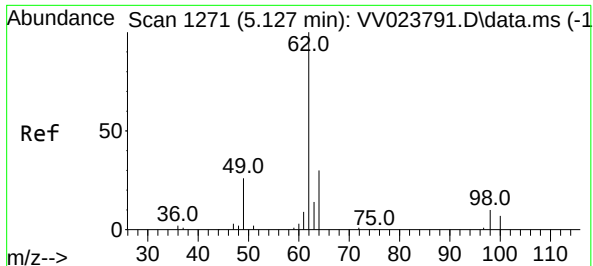
Tgt Ion: 50 Resp: 566
Ion Ratio Lower Upper
50 100
52 30.6 22.0 41.0



#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023872.D
Acq: 09 Dec 2021 19:29

Tgt Ion: 96 Resp: 488
Ion Ratio Lower Upper
96 100
61 1300.0 116.1 215.5#
63 10043.4 79.4 147.4#





#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023872.D

Acq: 09 Dec 2021 19:29

Instrument :

MSVOA_V

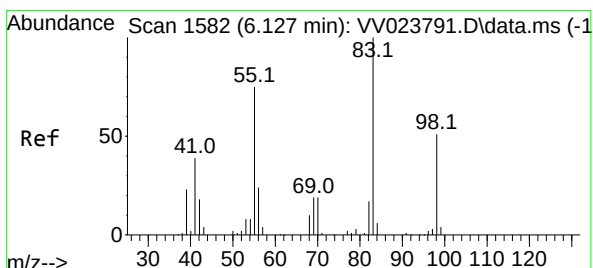
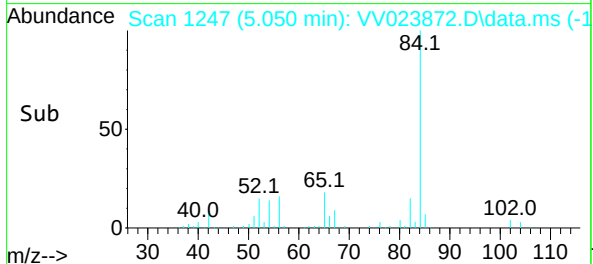
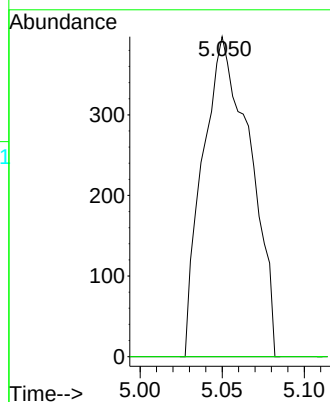
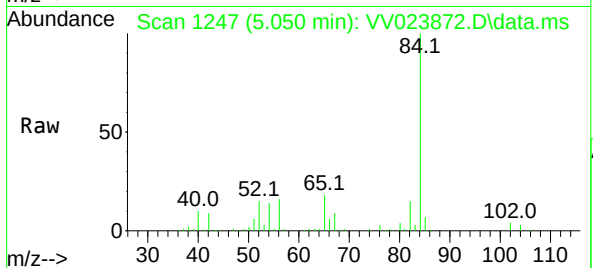
ClientSampleId :

Tgt Ion: 62 Resp: 796

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV023872.D

Acq: 09 Dec 2021 19:29

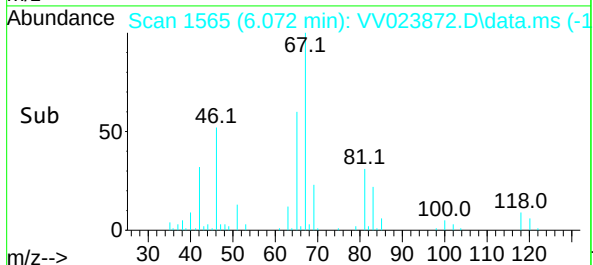
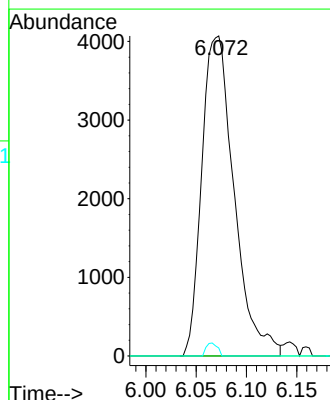
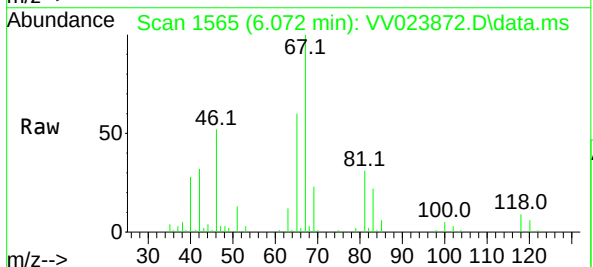
Tgt Ion: 83 Resp: 9106

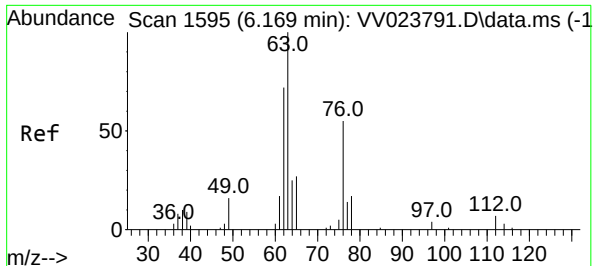
Ion Ratio Lower Upper

83 100

55 0.5 60.2 90.2#

98 1.4 41.0 61.4#

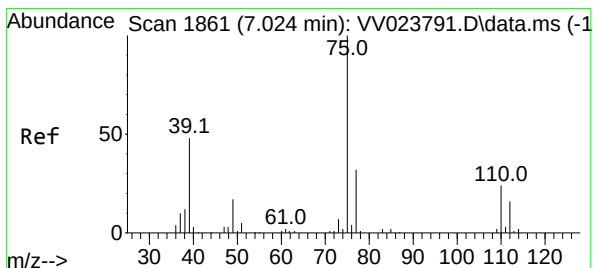
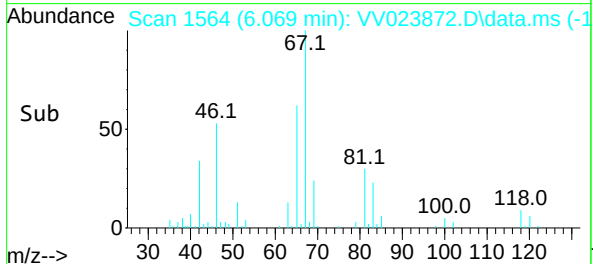
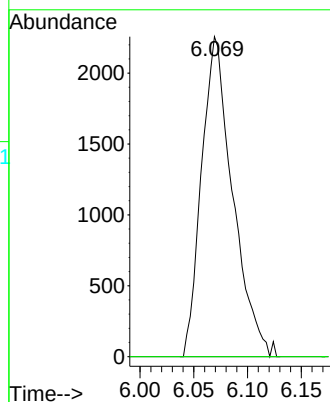
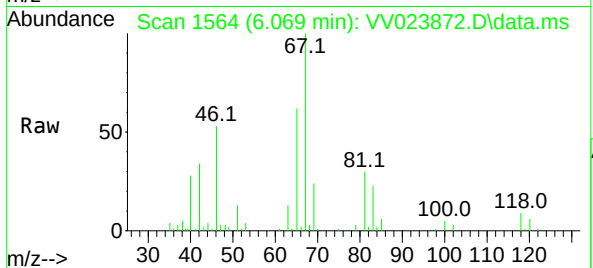




#37
 1,2-Dichloropropane
 Concen: 0.685 ug/L
 RT: 6.069 min Scan# 11
 Delta R.T. -0.099 min
 Lab File: VV023872.D
 Acq: 09 Dec 2021 19:29

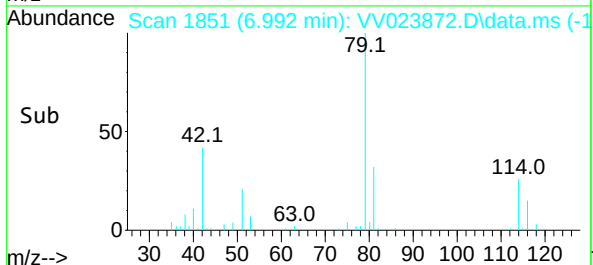
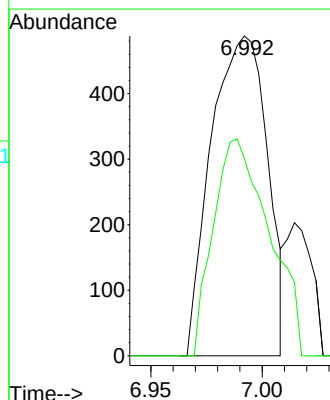
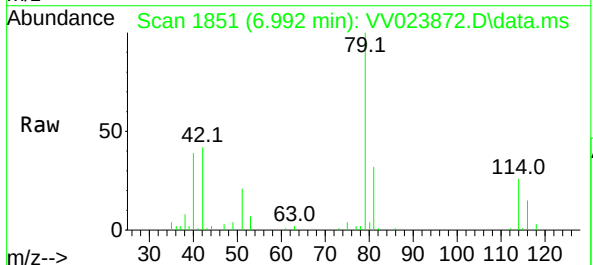
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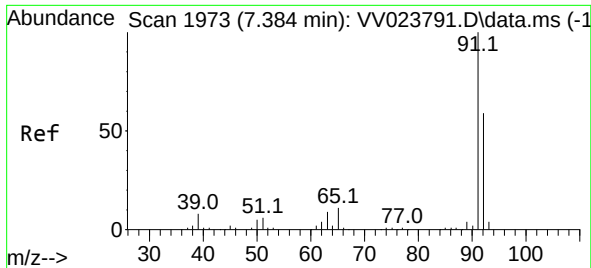
Tgt Ion: 63 Resp: 4545
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.3 6.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.032 min
 Lab File: VV023872.D
 Acq: 09 Dec 2021 19:29

Tgt Ion: 75 Resp: 856
 Ion Ratio Lower Upper
 75 100
 77 61.7 22.0 41.0#

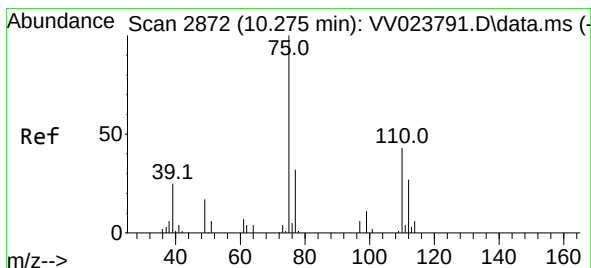
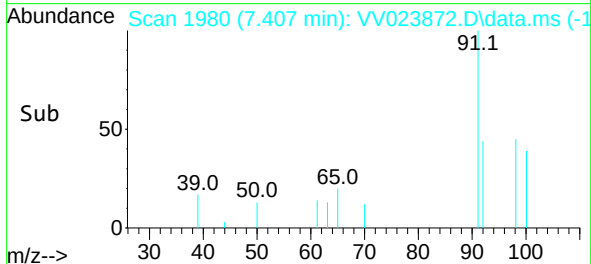
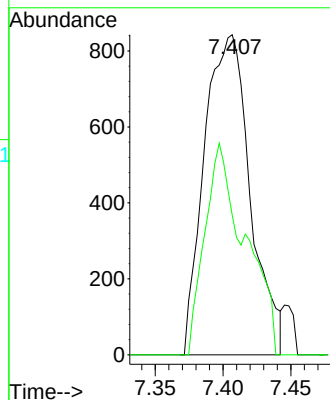
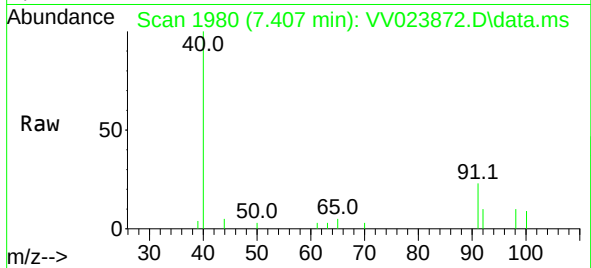




#42
Toluene
Concen: 0.066 ug/L
RT: 7.407 min Scan# 1973
Delta R.T. 0.023 min
Lab File: VV023872.D
Acq: 09 Dec 2021 19:29

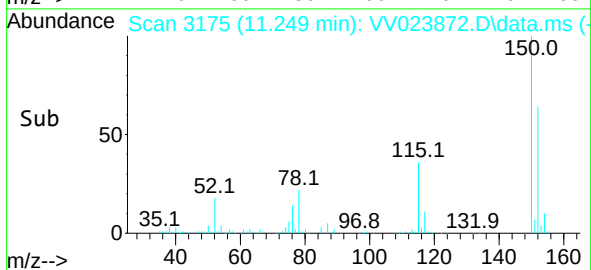
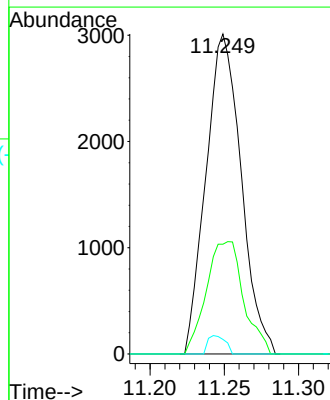
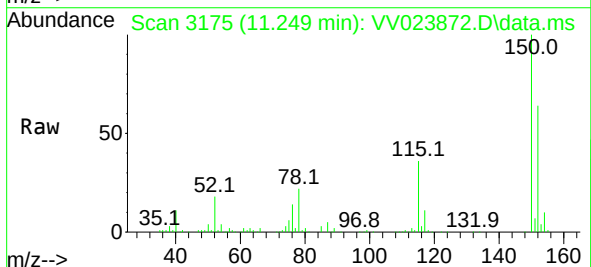
Instrument :
MSVOA_V
ClientSampleId :

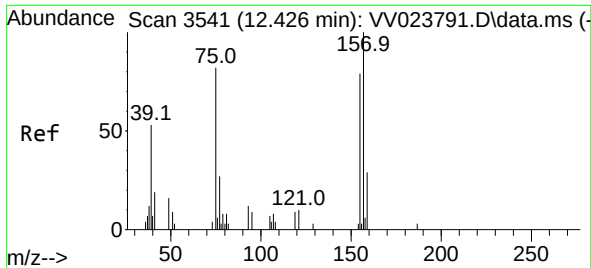
Tgt Ion: 91 Resp: 1990
Ion Ratio Lower Upper
91 100
92 43.7 41.5 77.1



#61
1,2,3-Trichloropropane
Concen: 1.426 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023872.D
Acq: 09 Dec 2021 19:29

Tgt Ion: 75 Resp: 4959
Ion Ratio Lower Upper
75 100
77 37.2 26.4 39.6
110 2.8 34.2 51.2#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.077 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.177 min

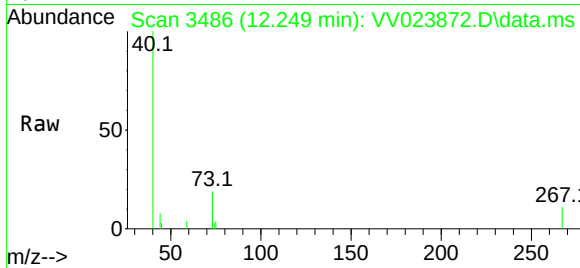
Lab File: VV023872.D

Acq: 09 Dec 2021 19:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#

