

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023403.D
 Acq On : 11 Nov 2021 21:23
 Operator : SY/MD
 Sample : M4542-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:09:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

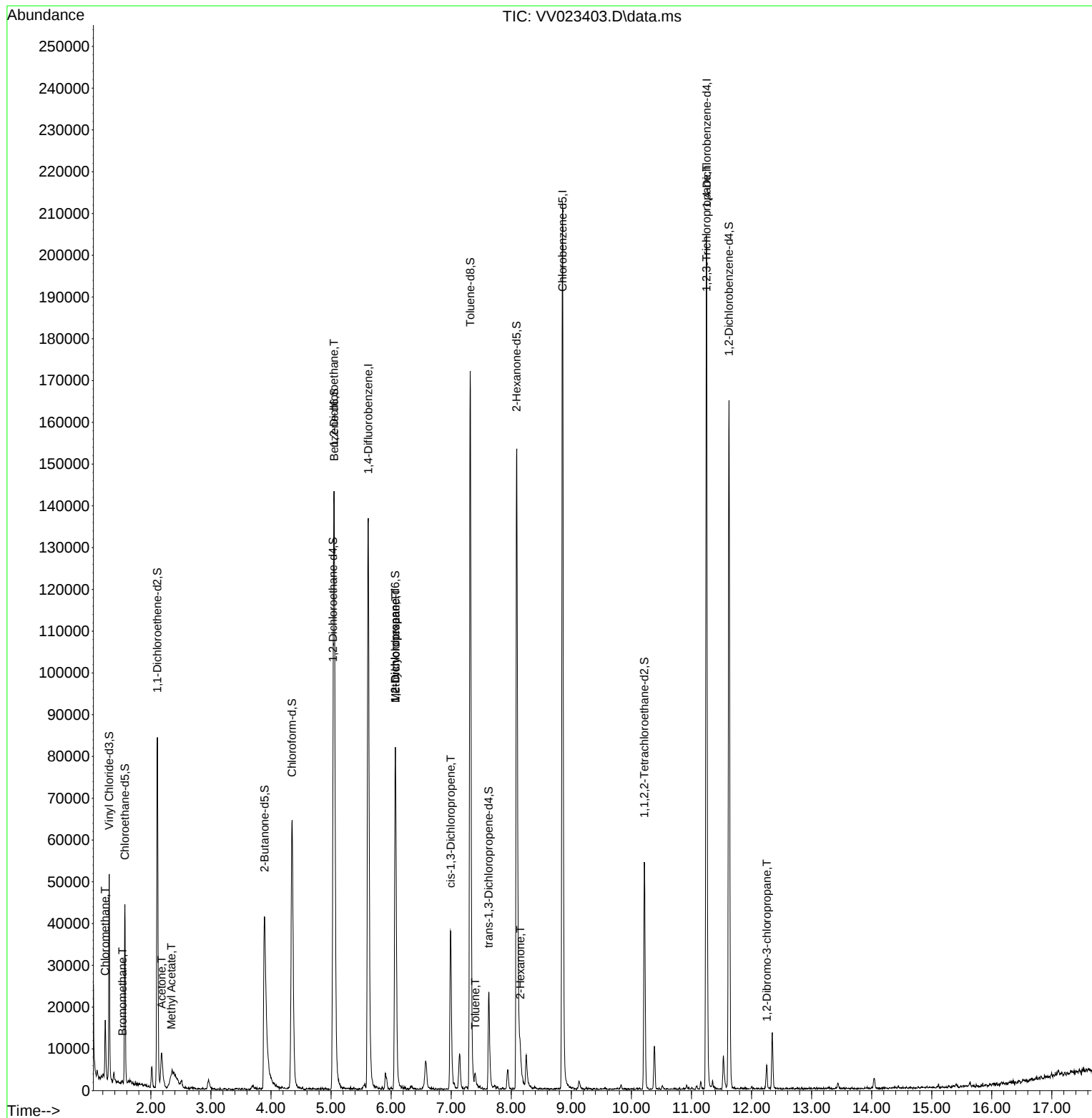
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	55143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29782	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.568	69	24434	3.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.108	63	43256	3.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.892	46	75172	56.642	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.280%
24) Chloroform-d	4.349	84	66919	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.034	65	33011	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.053	84	128602	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.069	67	38430	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.317	98	113947	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	13608	4.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.088	63	49771	39.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25236	3.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	43112	4.695	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	10200	1.001	ug/L	97
6) Bromomethane	1.526	94	295	0.045	ug/L	76
13) Acetone	2.179	43	12587	15.522	ug/L	93
15) Methyl Acetate	2.343	43	1417	0.617	ug/L #	47
27) 1,2-Dichloroethane	5.050	62	823	0.095	ug/L #	72
35) Methylcyclohexane	6.072	83	9988	0.721	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4416	0.573	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1063	0.096	ug/L #	63
42) Toluene	7.400	91	2366	0.067	ug/L	81
48) 2-Hexanone	8.149	43	5909	2.358	ug/L #	80
61) 1,2,3-Trichloropropane	11.249	75	5994	1.636	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.255	75	235	0.301	ug/L #	1

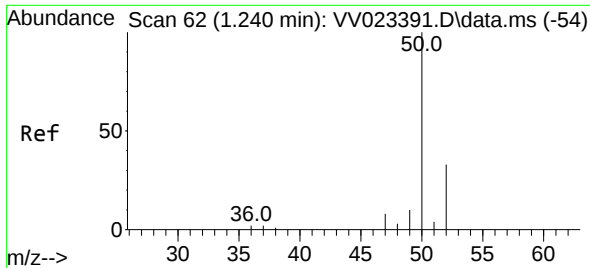
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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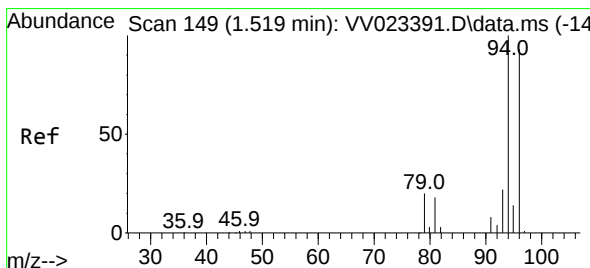
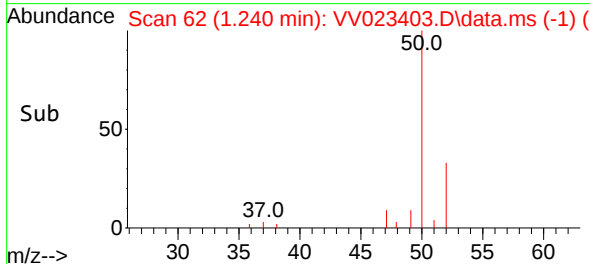
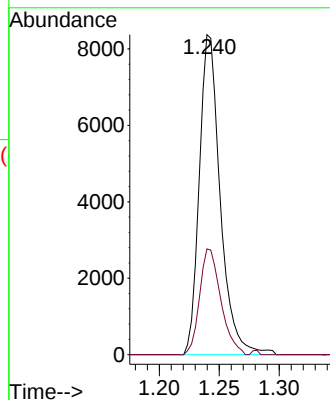
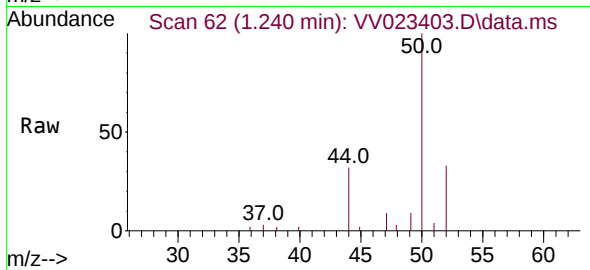




#3
Chloromethane
Concen: 1.001 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023403.D
Acq: 11 Nov 2021 21:23

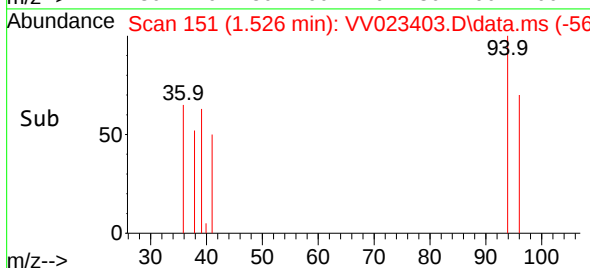
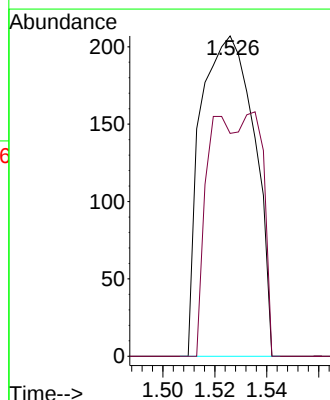
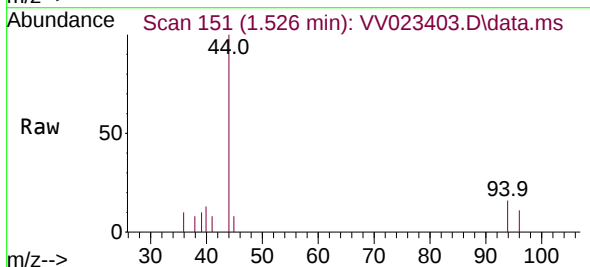
Instrument :
MSVOA_V
ClientSampleId :

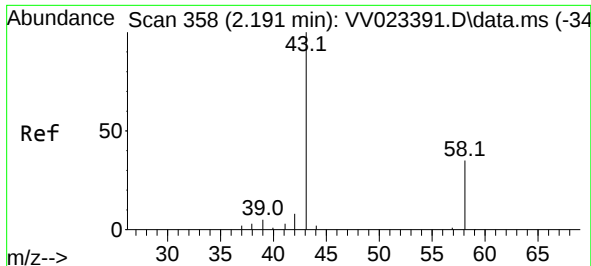
Tgt Ion: 50 Resp: 10200
Ion Ratio Lower Upper
50 100
52 33.0 24.3 45.1



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.007 min
Lab File: VV023403.D
Acq: 11 Nov 2021 21:23

Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 69.6 65.0 120.8





#13

Acetone

Concen: 15.522 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023403.D

Acq: 11 Nov 2021 21:23

Instrument :

MSVOA_V

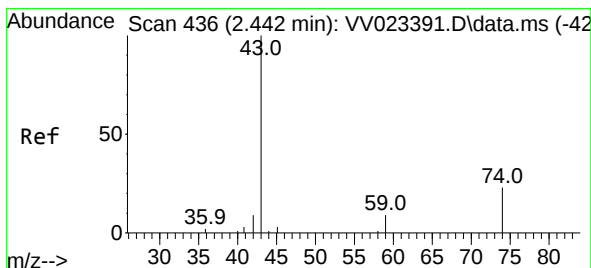
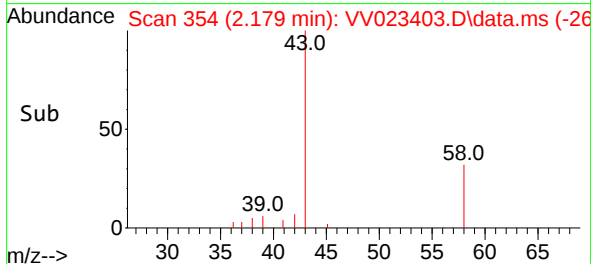
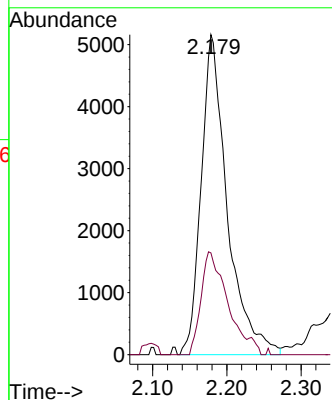
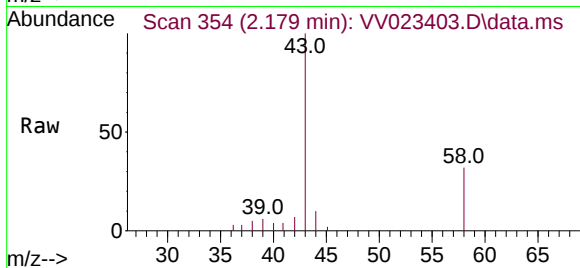
ClientSampleId :

Tgt Ion: 43 Resp: 12587

Ion Ratio Lower Upper

43 100

58 31.6 0.0 55.4



#15

Methyl Acetate

Concen: 0.617 ug/L

RT: 2.343 min Scan# 405

Delta R.T. -0.100 min

Lab File: VV023403.D

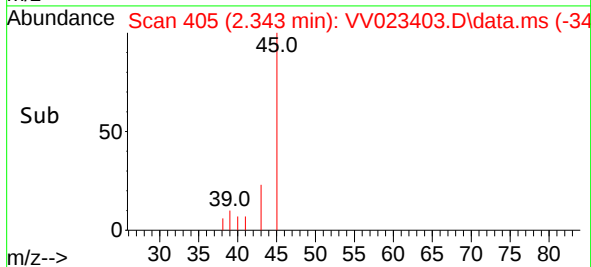
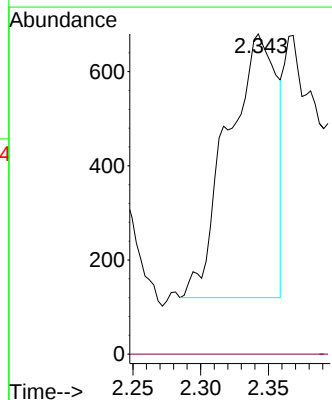
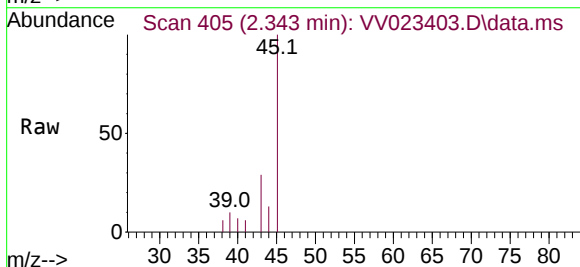
Acq: 11 Nov 2021 21:23

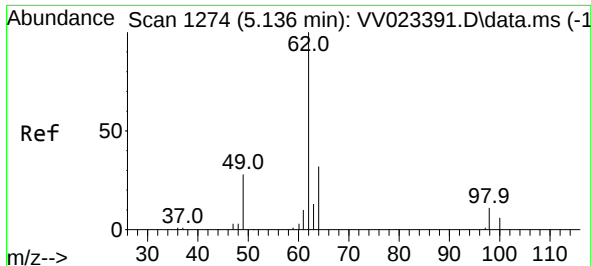
Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV023403.D

Acq: 11 Nov 2021 21:23

Instrument :

MSVOA_V

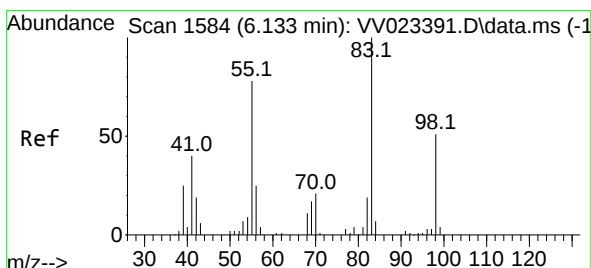
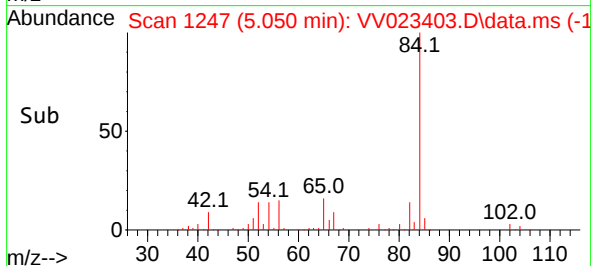
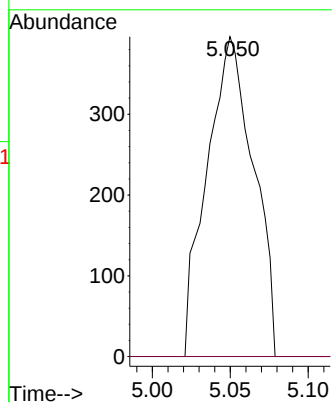
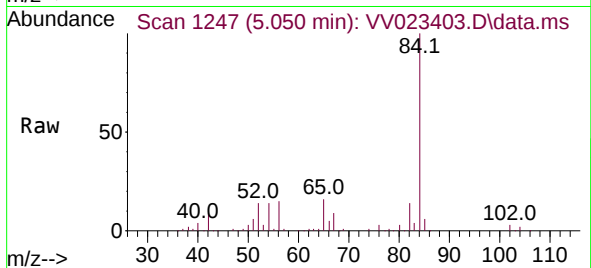
ClientSampleId :

Tgt Ion: 62 Resp: 823

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023403.D

Acq: 11 Nov 2021 21:23

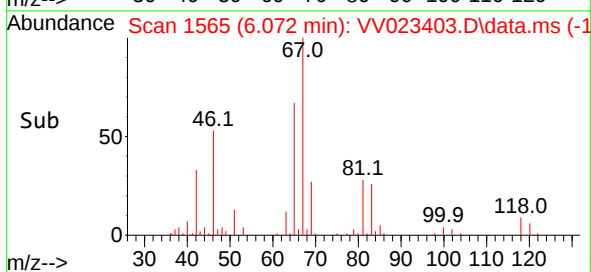
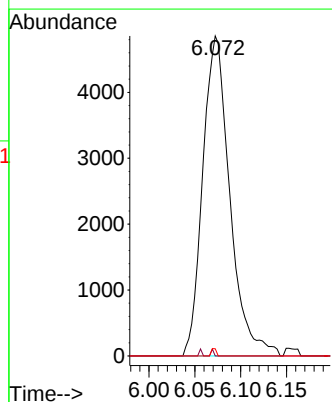
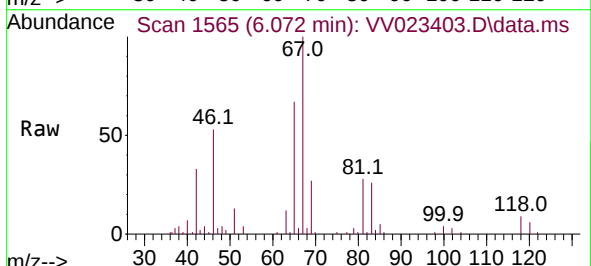
Tgt Ion: 83 Resp: 9988

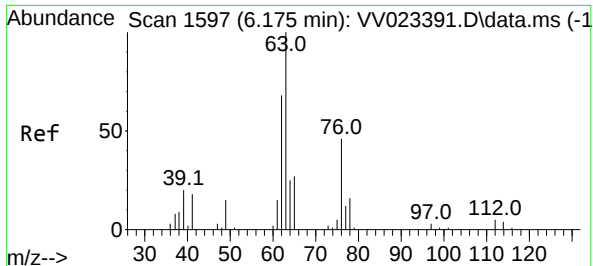
Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 0.4 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023403.D

Acq: 11 Nov 2021 21:23

Instrument :

MSVOA_V

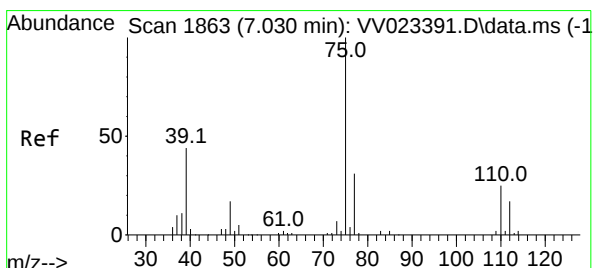
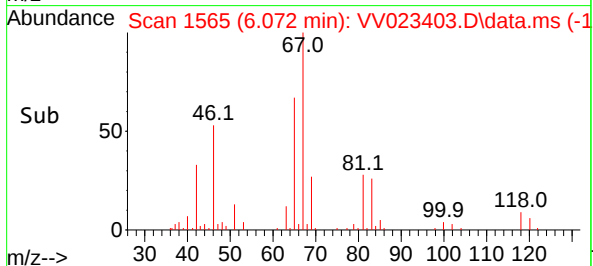
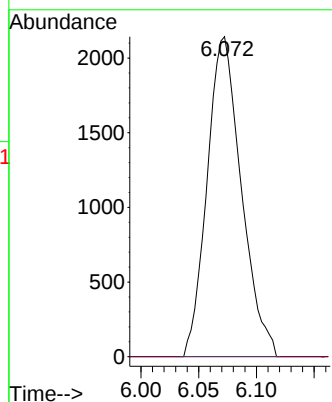
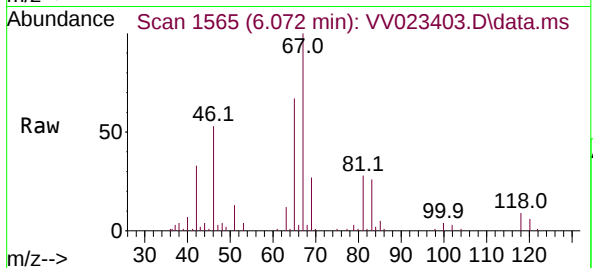
ClientSampleId :

Tgt Ion: 63 Resp: 4416

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV023403.D

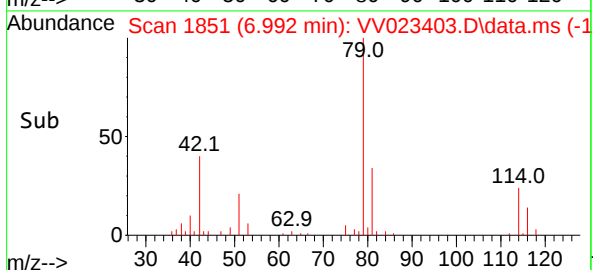
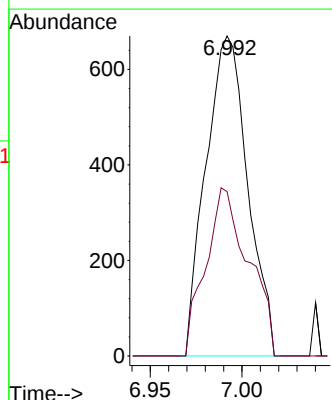
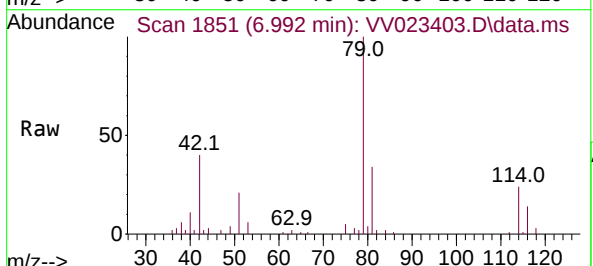
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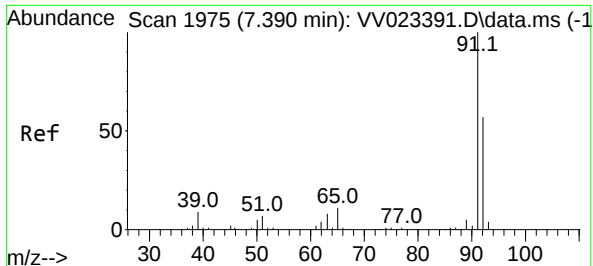
Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

77 51.3 21.6 40.2#

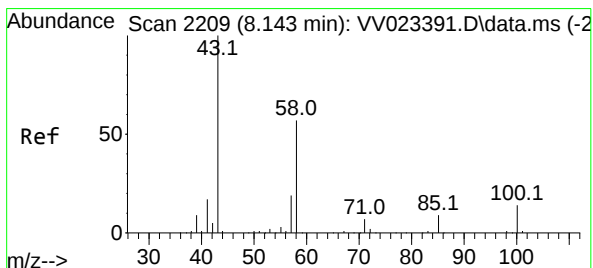
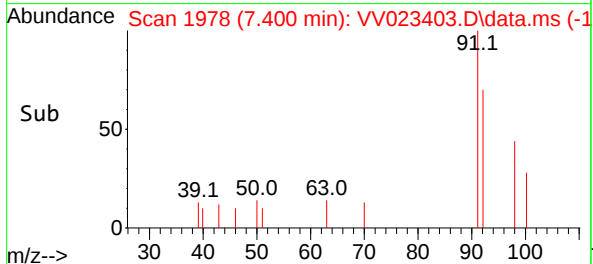
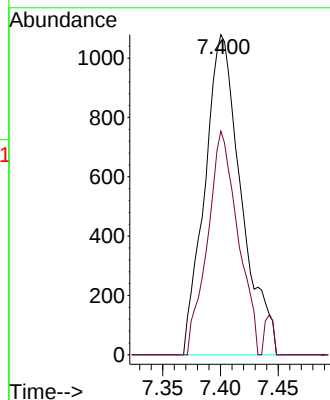
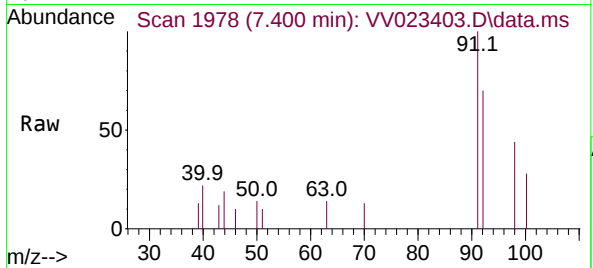




#42
Toluene
Concen: 0.067 ug/L
RT: 7.400 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV023403.D
Acq: 11 Nov 2021 21:23

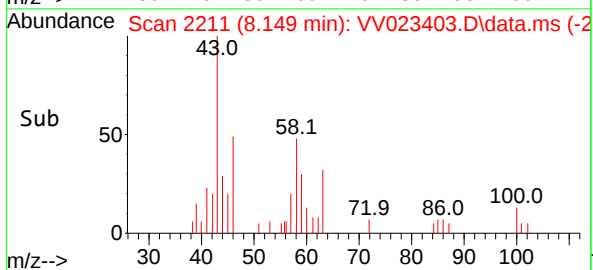
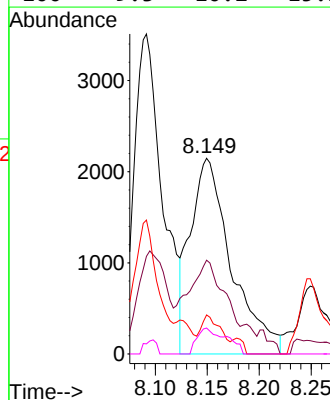
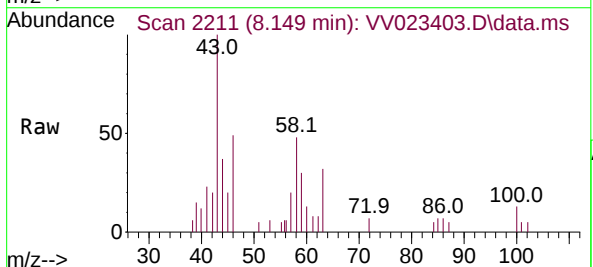
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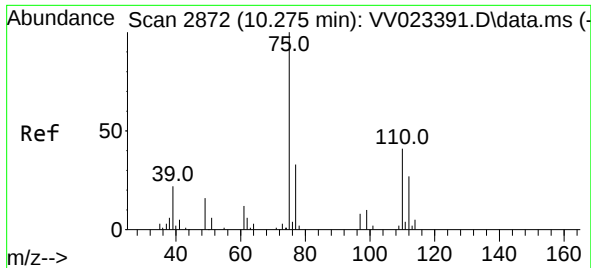
Tgt Ion: 91 Resp: 2366
Ion Ratio Lower Upper
91 100
92 69.9 39.3 72.9



#48
2-Hexanone
Concen: 2.358 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV023403.D
Acq: 11 Nov 2021 21:23

Tgt Ion: 43 Resp: 5909
Ion Ratio Lower Upper
43 100
58 39.1 43.7 65.5#
57 6.2 14.1 21.1#
100 9.3 10.2 15.2#

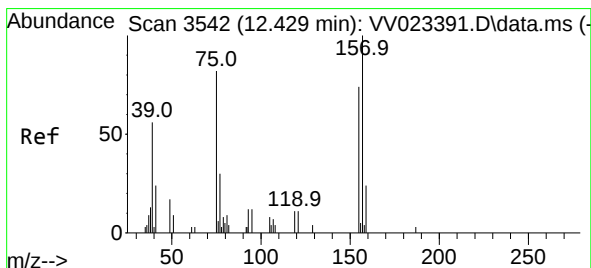
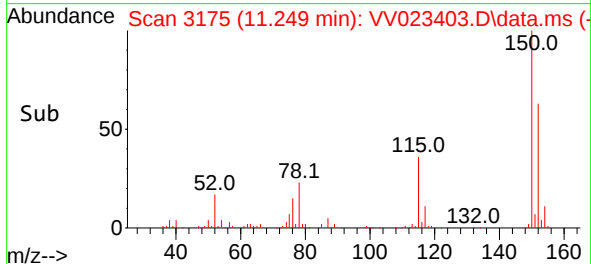
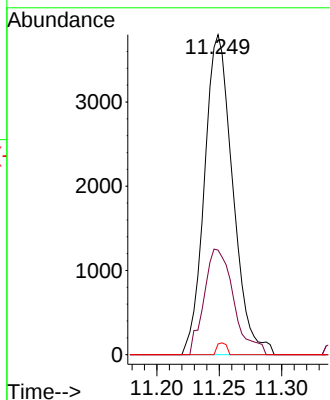
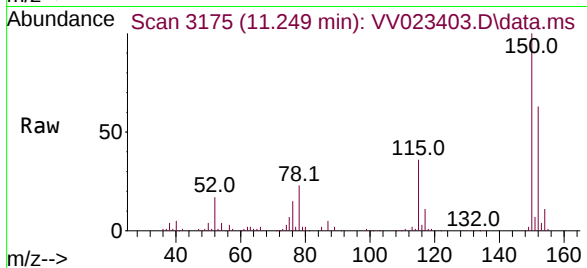




#61
 1,2,3-Trichloropropane
 Concen: 1.636 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023403.D
 Acq: 11 Nov 2021 21:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5994
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.6 39.8
 110 1.3 31.8 47.6#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.301 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.173 min
 Lab File: VV023403.D
 Acq: 11 Nov 2021 21:23

Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#

