

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023397.D
 Acq On : 11 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4558-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:07:57 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	129509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32085	3.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	26879	4.065	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.108	63	46032	3.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.896	46	75223	53.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.640%
24) Chloroform-d	4.349	84	67042	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.037	65	33432	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.053	84	133720	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.072	67	40002	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.317	98	114607	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.629	79	14317	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.092	63	54557	42.130	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27429	4.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	43854	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1782	0.166	ug/L #	66
6) Bromomethane	1.523	94	382	0.056	ug/L	82
12) 1,1-Dichloroethene	2.108	96	574	0.074	ug/L #	1
13) Acetone	2.185	43	2983	3.493	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	2668	0.157	ug/L #	80
18) trans-1,2-Dichloroethene	2.764	96	943	0.099	ug/L	73
22) cis-1,2-Dichloroethene	3.912	96	44493	4.870	ug/L #	88
27) 1,2-Dichloroethane	5.140	62	9162	1.008	ug/L	99
33) Benzene	5.105	78	18124	0.528	ug/L	100
34) Trichloroethene	5.918	95	30647	3.355	ug/L	99
35) Methylcyclohexane	6.069	83	10269	0.712	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4880	0.609	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1134	0.098	ug/L #	58
42) Toluene	7.397	91	4143	0.113	ug/L	97
48) 2-Hexanone	8.153	43	2834	1.087	ug/L #	54
61) 1,2,3-Trichloropropane	11.249	75	6188	1.663	ug/L #	65

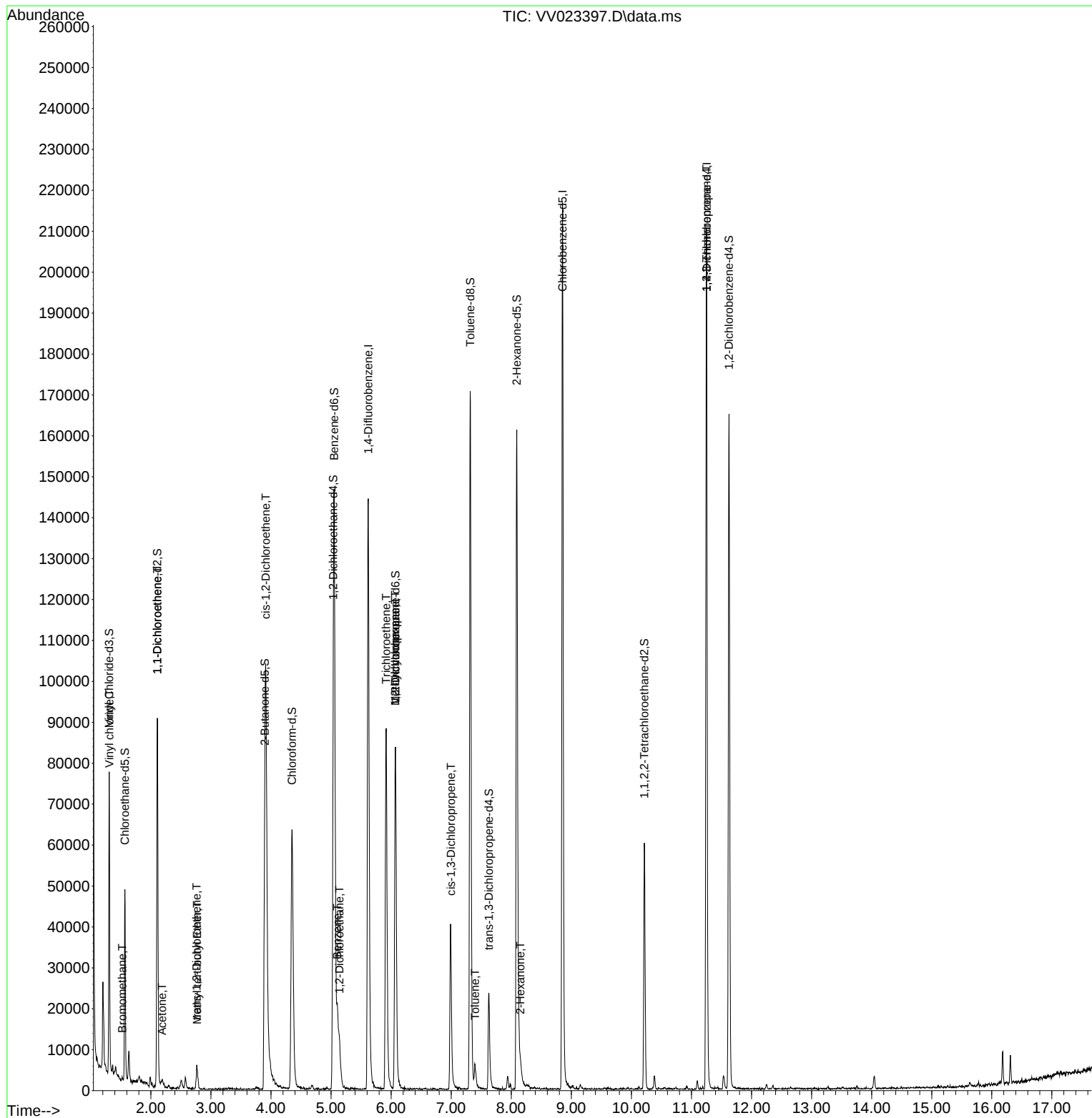
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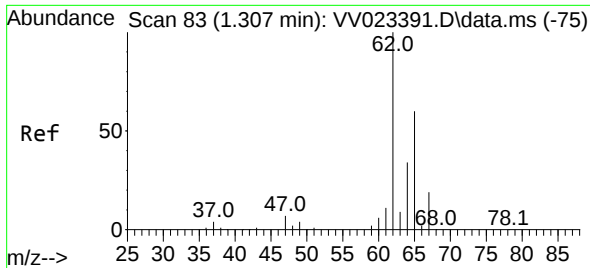
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
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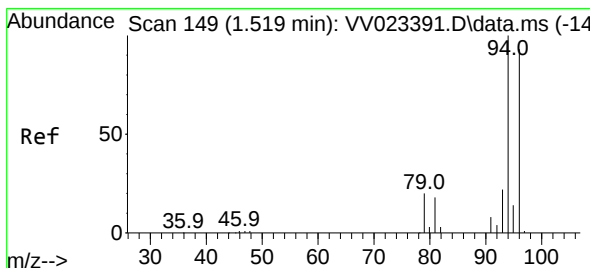
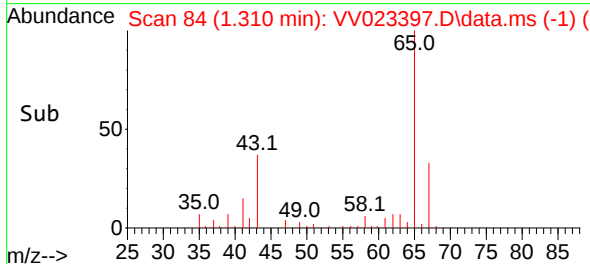
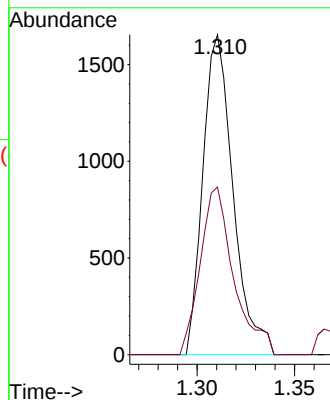
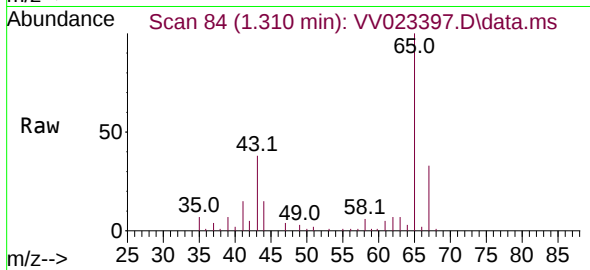




#5
 Vinyl chloride
 Concen: 0.166 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023397.D
 Acq: 11 Nov 2021 18:59

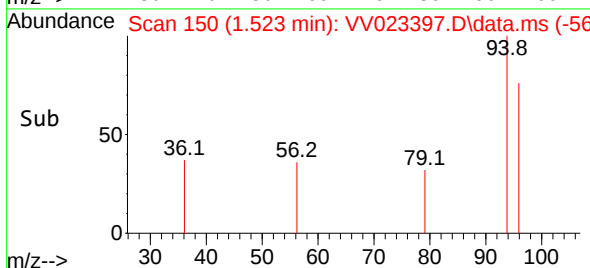
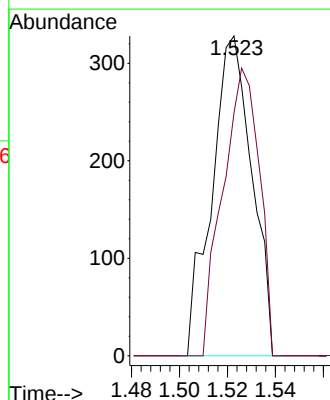
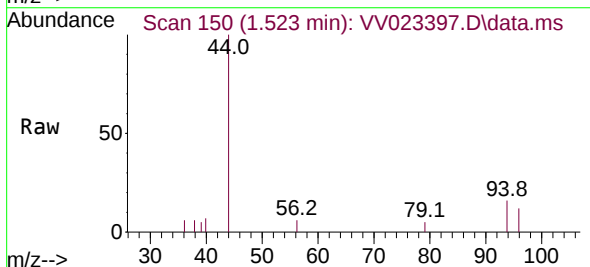
Instrument :
 MSVOA_V
 ClientSampleId :

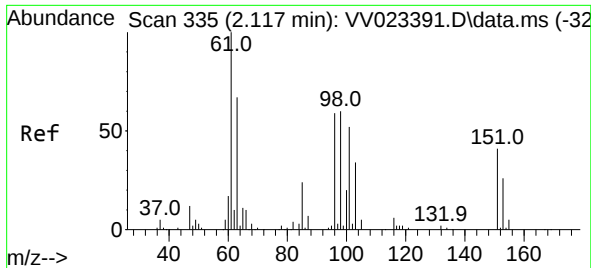
Tgt Ion: 62 Resp: 1782
 Ion Ratio Lower Upper
 62 100
 64 52.4 23.1 42.9#



#6
 Bromomethane
 Concen: 0.056 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023397.D
 Acq: 11 Nov 2021 18:59

Tgt Ion: 94 Resp: 382
 Ion Ratio Lower Upper
 94 100
 96 75.9 65.0 120.8





#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.009 min

Lab File: VV023397.D

Acq: 11 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

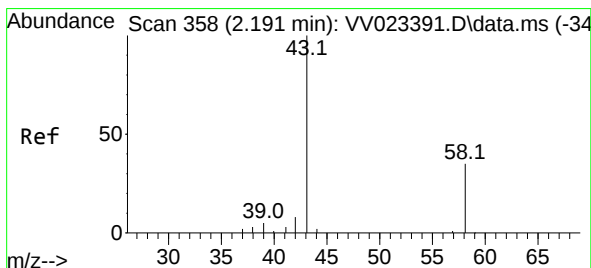
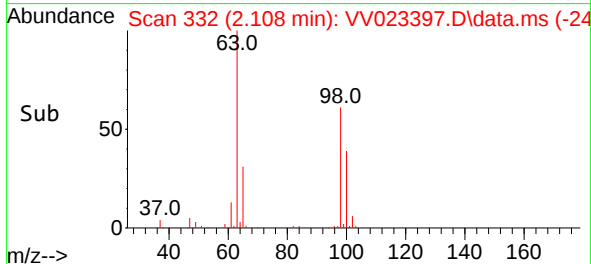
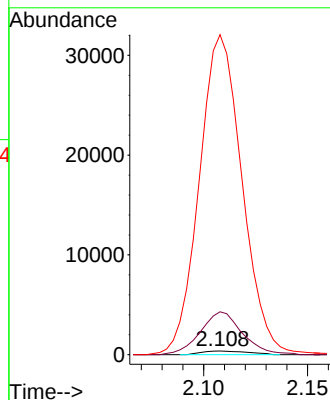
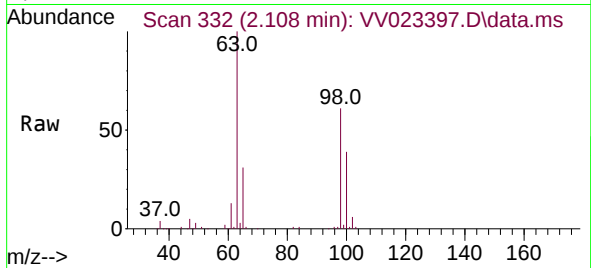
Tgt Ion: 96 Resp: 574

Ion Ratio Lower Upper

96 100

61 1166.7 121.5 225.7#

63 8691.6 99.6 185.0#



#13

Acetone

Concen: 3.493 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.006 min

Lab File: VV023397.D

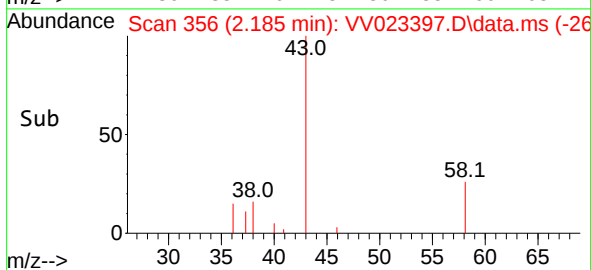
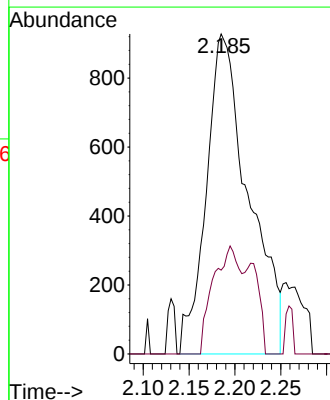
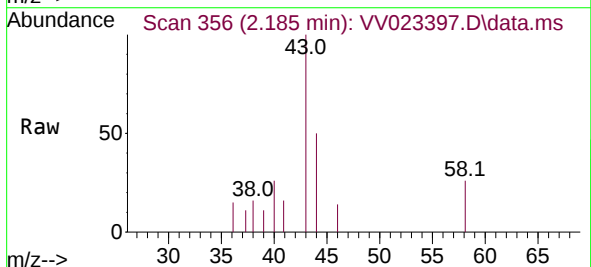
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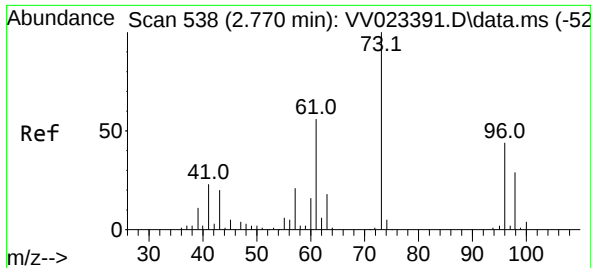
Tgt Ion: 43 Resp: 2983

Ion Ratio Lower Upper

43 100

58 21.1 0.0 55.4

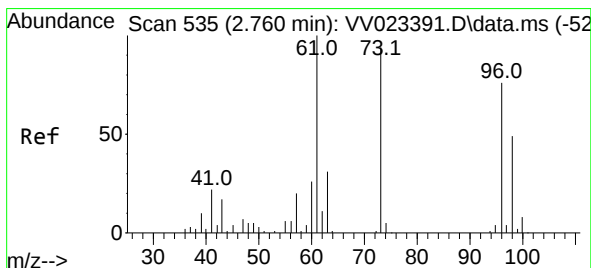
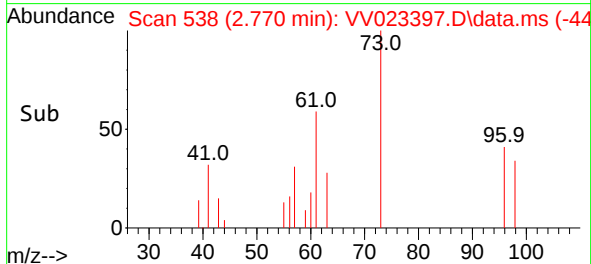
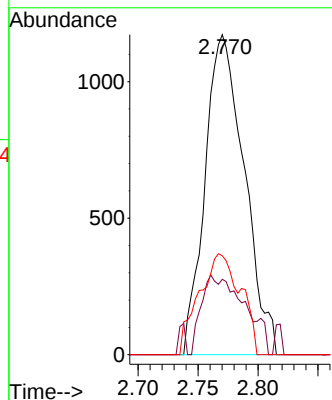
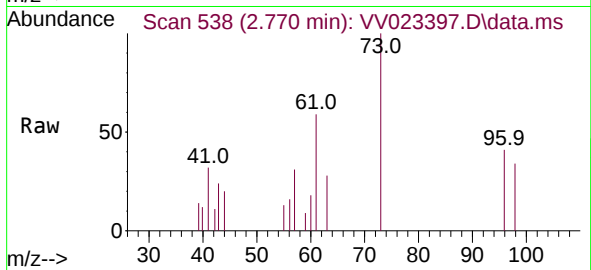




#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023397.D
Acq: 11 Nov 2021 18:59

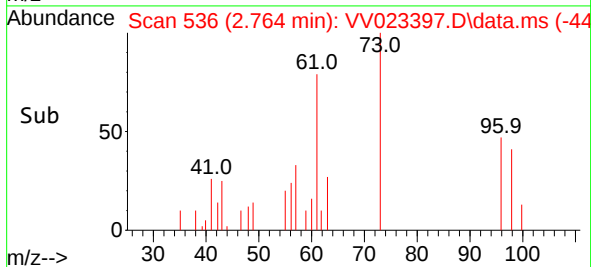
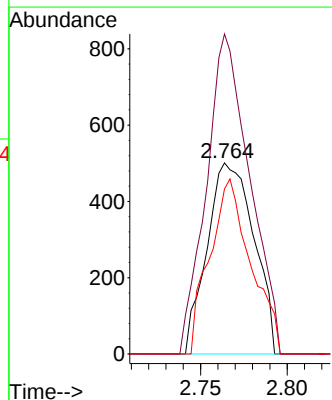
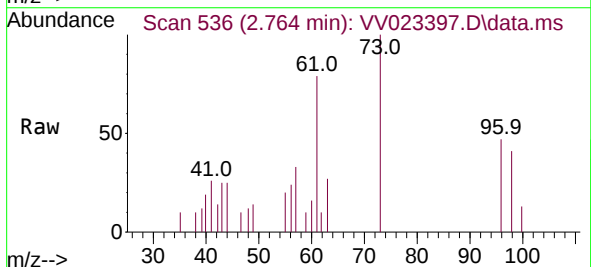
Instrument :
MSVOA_V
ClientSampleId :

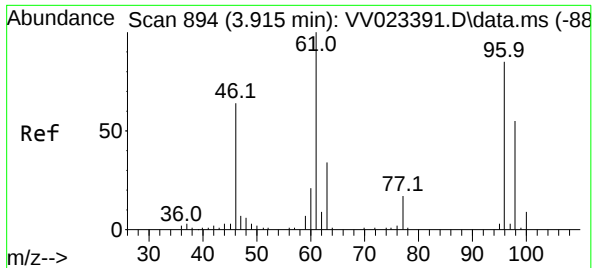
Tgt Ion: 73 Resp: 2668
Ion Ratio Lower Upper
73 100
43 27.5 17.4 26.0#
57 33.3 16.5 24.7#



#18
trans-1,2-Dichloroethene
Concen: 0.099 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023397.D
Acq: 11 Nov 2021 18:59

Tgt Ion: 96 Resp: 943
Ion Ratio Lower Upper
96 100
61 167.5 93.2 173.2
98 86.4 47.0 87.2





#22

cis-1,2-Dichloroethene

Concen: 4.870 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023397.D

Acq: 11 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

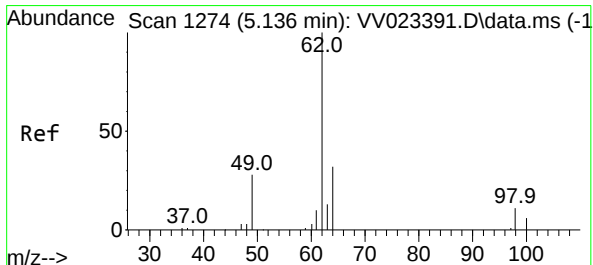
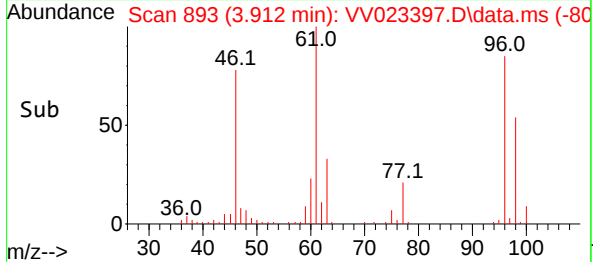
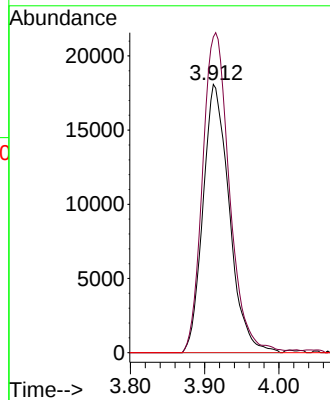
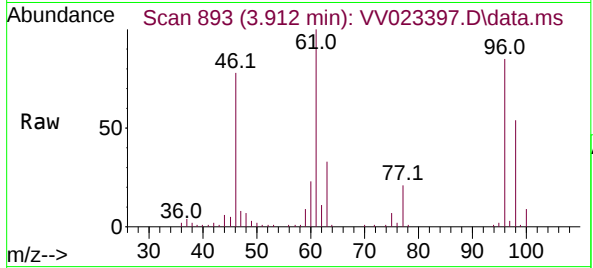
Tgt Ion: 96 Resp: 44493

Ion Ratio Lower Upper

96 100

61 117.7 92.3 171.3

68 0.0 0.4 0.8#



#27

1,2-Dichloroethane

Concen: 1.008 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV023397.D

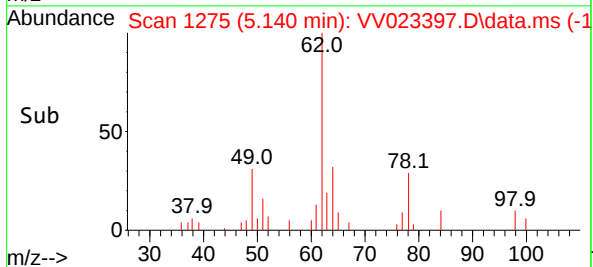
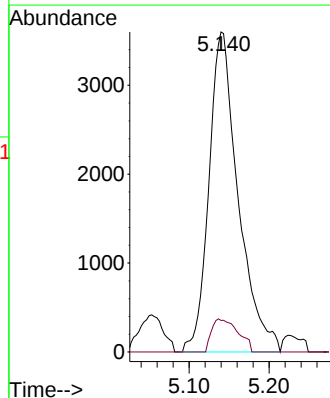
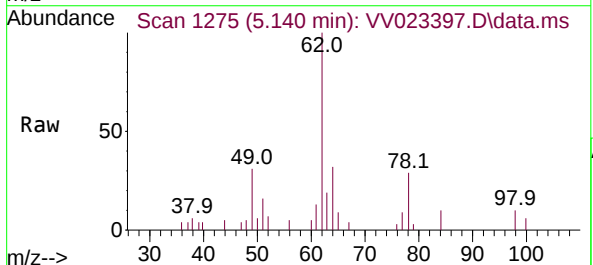
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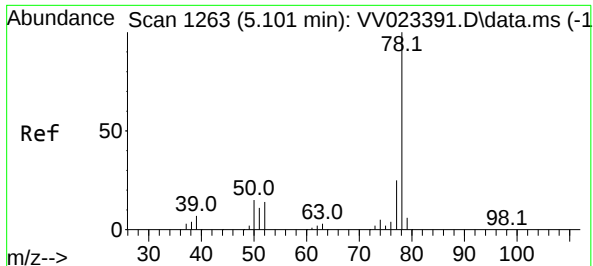
Tgt Ion: 62 Resp: 9162

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4

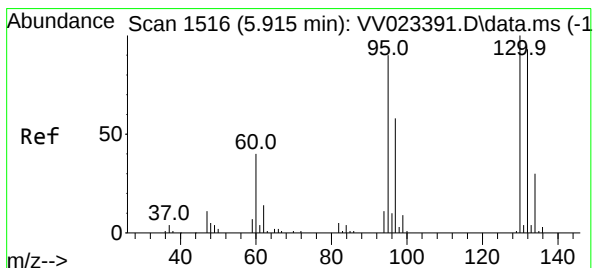
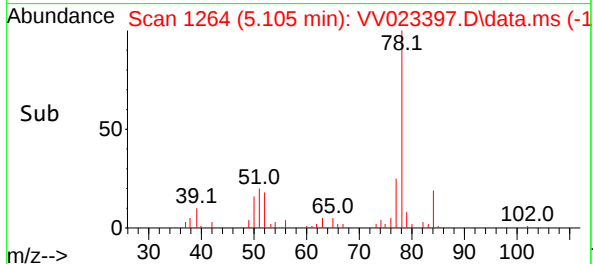
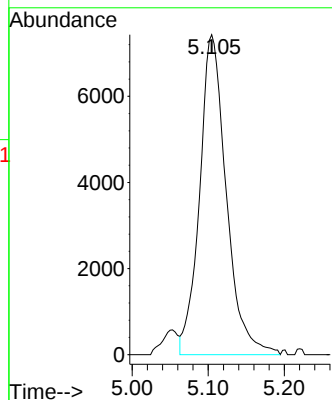
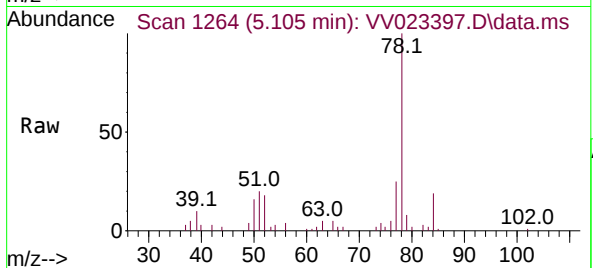




#33
Benzene
Concen: 0.528 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023397.D
Acq: 11 Nov 2021 18:59

Instrument :
MSVOA_V
ClientSampleId :

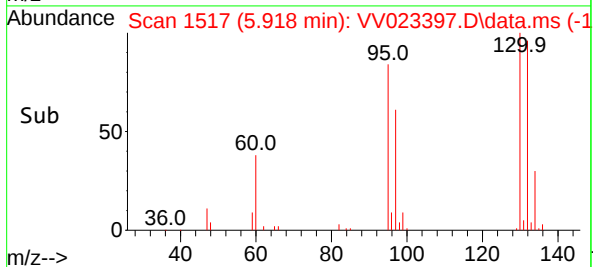
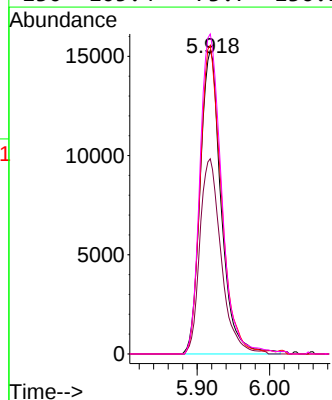
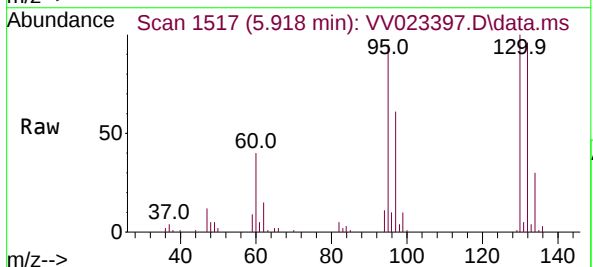
Tgt Ion: 78 Resp: 18124

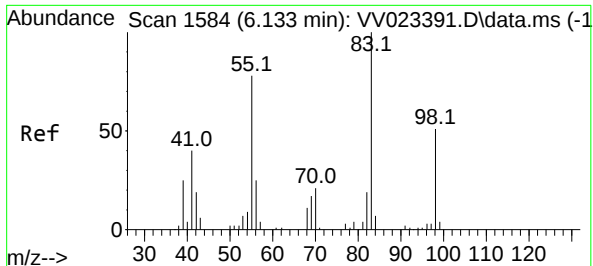


#34
Trichloroethene
Concen: 3.355 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023397.D
Acq: 11 Nov 2021 18:59

Tgt Ion: 95 Resp: 30647

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	101.6	69.7	129.4
130	105.4	73.7	136.9





#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV023397.D

Acq: 11 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

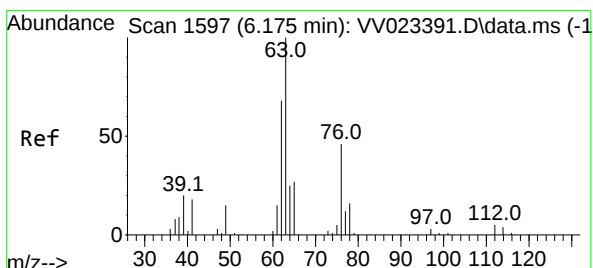
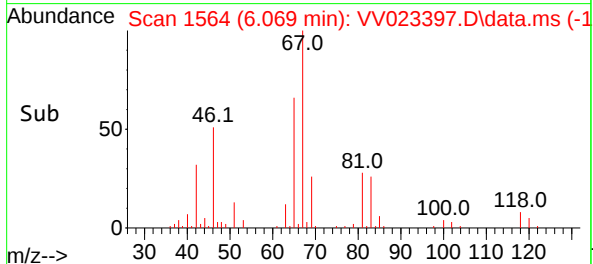
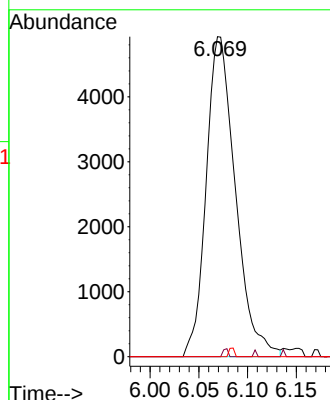
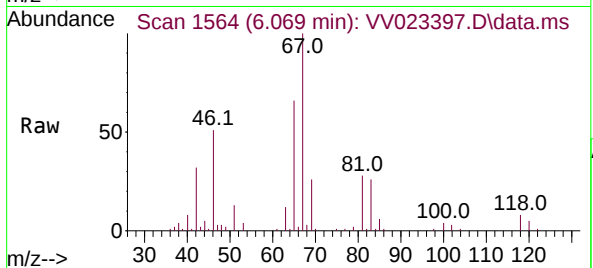
Tgt Ion: 83 Resp: 10269

Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV023397.D

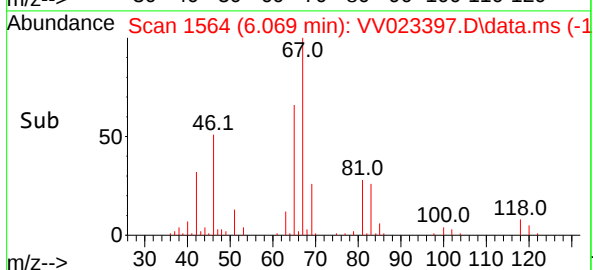
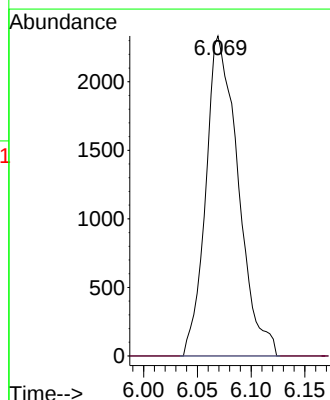
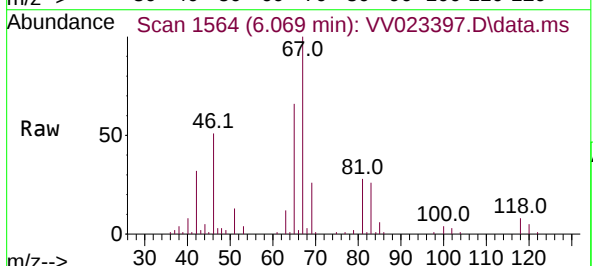
Acq: 11 Nov 2021 18:59

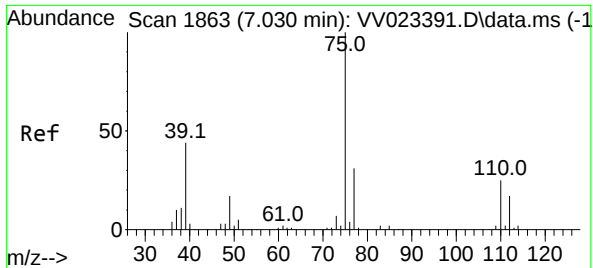
Tgt Ion: 63 Resp: 4880

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023397.D

Acq: 11 Nov 2021 18:59

Instrument :

MSVOA_V

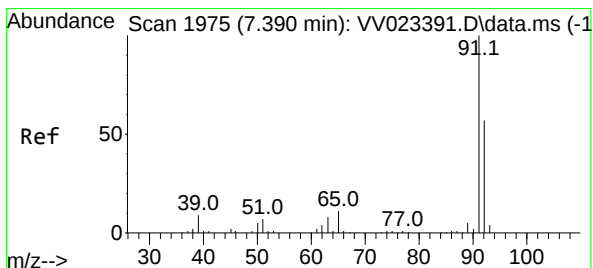
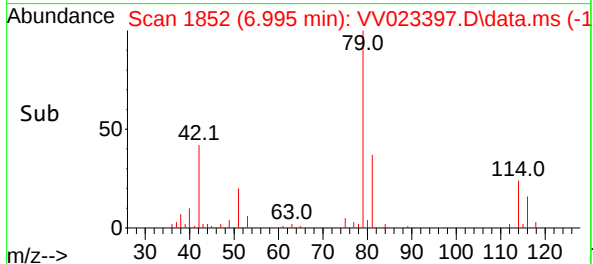
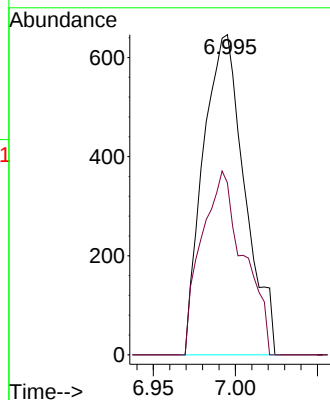
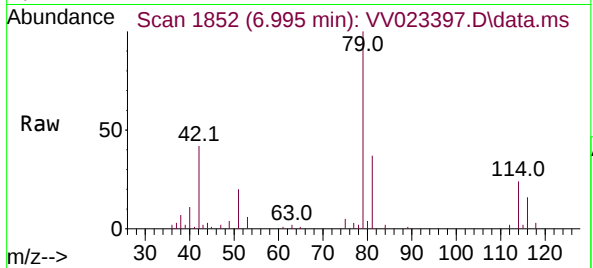
ClientSampleId :

Tgt Ion: 75 Resp: 1134

Ion Ratio Lower Upper

75 100

77 53.7 21.6 40.2#



#42

Toluene

Concen: 0.113 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.007 min

Lab File: VV023397.D

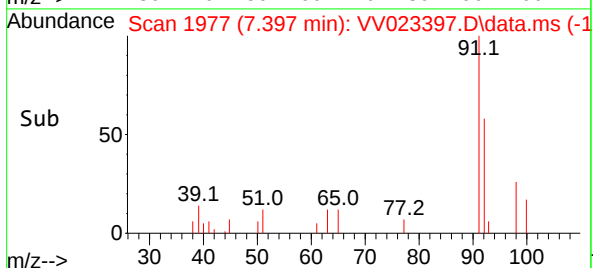
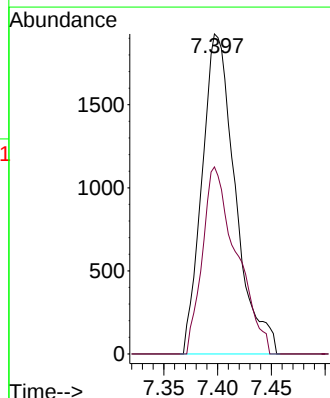
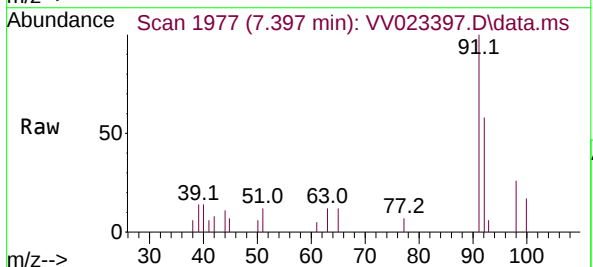
Acq: 11 Nov 2021 18:59

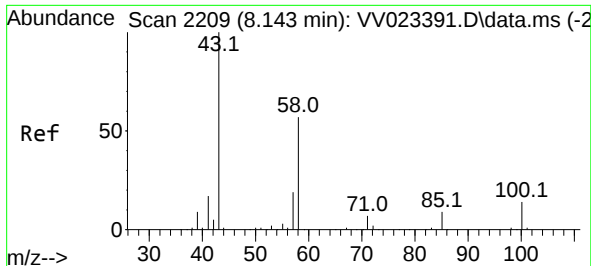
Tgt Ion: 91 Resp: 4143

Ion Ratio Lower Upper

91 100

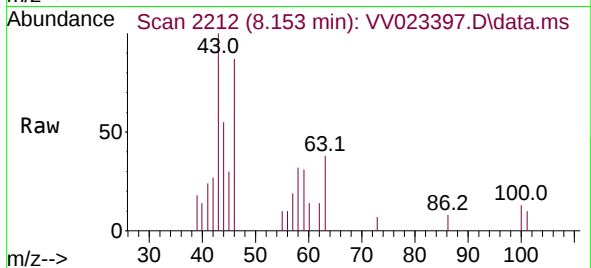
92 58.5 39.3 72.9



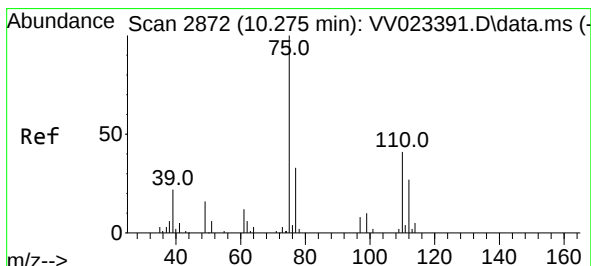
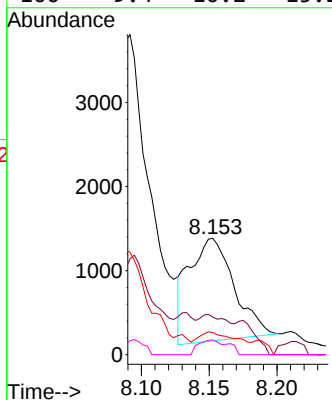
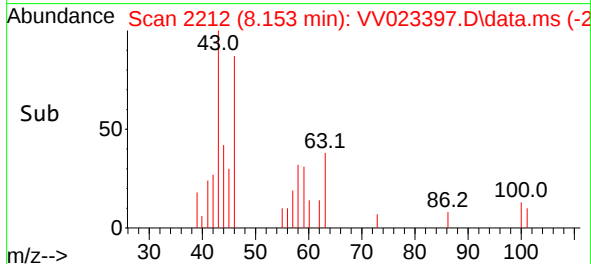


#48
2-Hexanone
Concen: 1.087 ug/L
RT: 8.153 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV023397.D
Acq: 11 Nov 2021 18:59

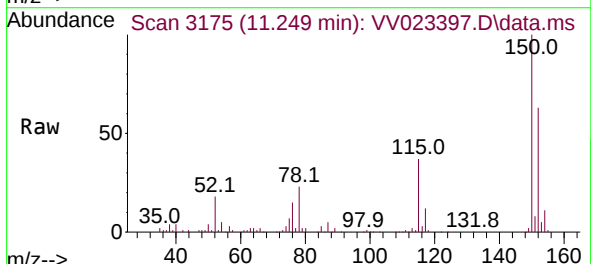
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	43	Resp:	2834
Ion	Ratio	Lower	Upper
43	100		
58	5.7	43.7	65.5#
57	19.9	14.1	21.1
100	9.4	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.663 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023397.D
Acq: 11 Nov 2021 18:59



Tgt Ion:	75	Resp:	6188
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	39.8
110	1.9	31.8	47.6#

