

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023560.D
 Acq On : 17 Nov 2021 01:57
 Operator : SY/MD
 Sample : M4627-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4670

Quant Time: Nov 17 03:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33100	4.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.571	69	24458	3.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.111	63	41925	2.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.200%#
20) 2-Butanone-d5	3.899	46	78288	54.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	4.349	84	66093	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
26) 1,2-Dichloroethane-d4	5.037	65	33225	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.053	84	120861	3.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.069	67	38031	4.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.317	98	107634	3.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.625	79	10394	2.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.200%
46) 2-Hexanone-d5	8.092	63	50823	38.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27101	3.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	43441	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1004	0.092	ug/L	91
5) Vinyl chloride	1.314	62	763588	69.925	ug/L	100
8) Chloroethane	1.423	64	28910	4.588	ug/L #	52
12) 1,1-Dichloroethene	2.121	96	4042	0.514	ug/L #	1
13) Acetone	2.204	43	1077	1.238	ug/L	77
14) Carbon disulfide	2.294	76	3123	0.105	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	154578	15.988	ug/L	96
19) 1,1-Dichloroethane	3.198	63	2400	0.147	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	790092	84.915	ug/L #	91
33) Benzene	5.108	78	3335	0.096	ug/L	100
34) Trichloroethene	5.915	95	152901	16.486	ug/L	98
35) Methylcyclohexane	6.072	83	9584	0.655	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4569	0.561	ug/L #	83
42) Toluene	7.397	91	4189	0.112	ug/L	95
48) 2-Hexanone	8.143	43	3717	1.405	ug/L #	87
61) 1,2,3-Trichloropropane	11.249	75	6355	1.615	ug/L #	66

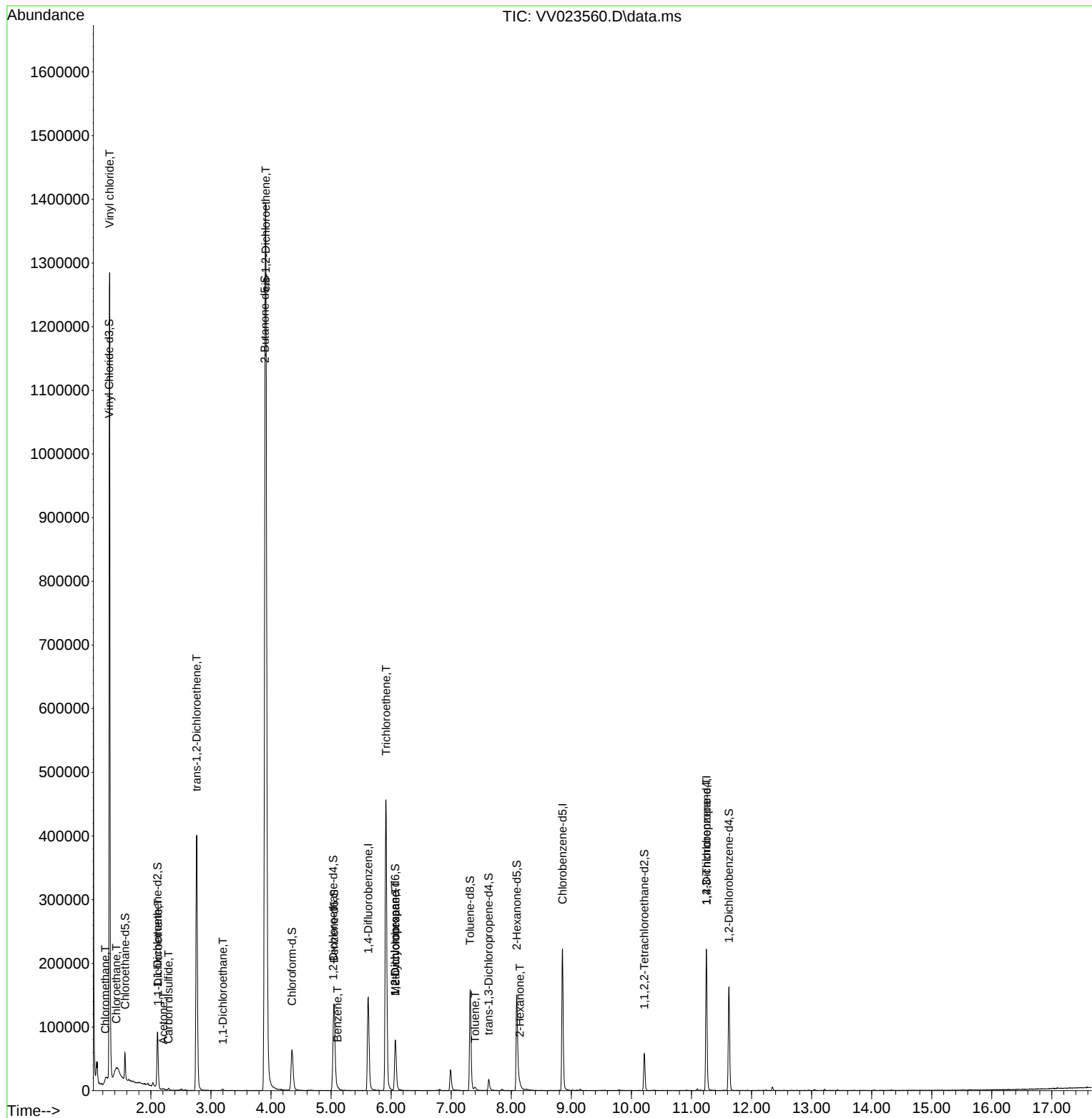
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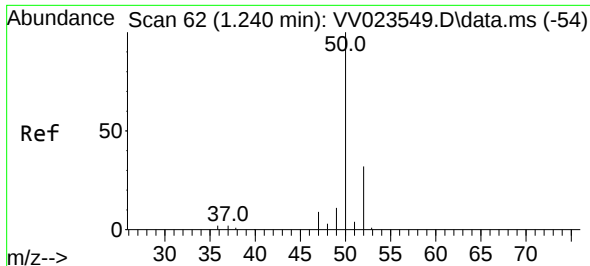
Instrument :
MSVOA_V
ClientSampleId :
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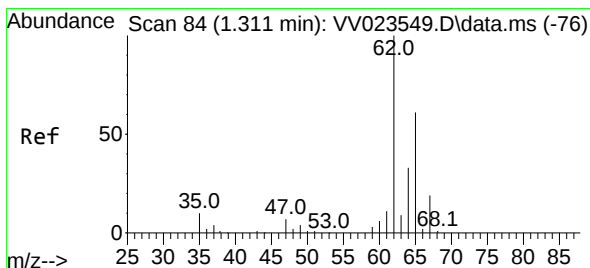
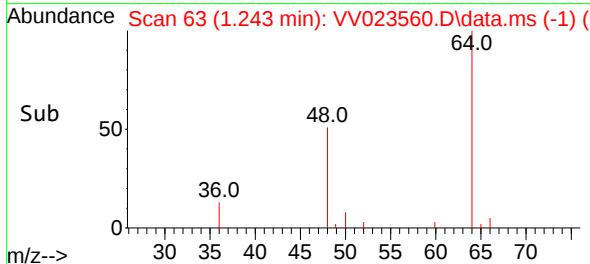
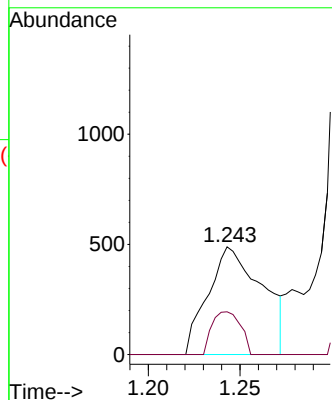
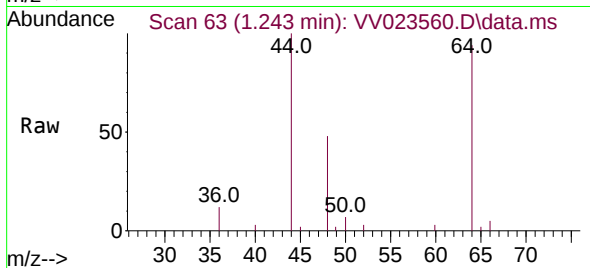




#3
Chloromethane
Concen: 0.092 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

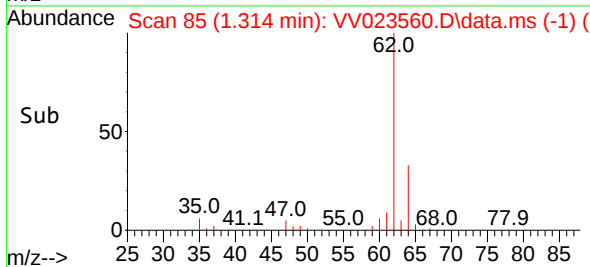
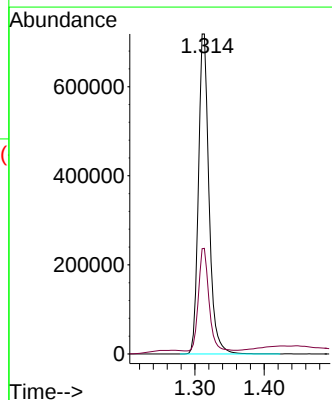
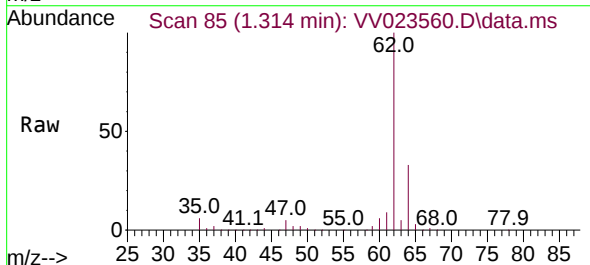
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MSVOA_V
ClientSampleId :
H4670

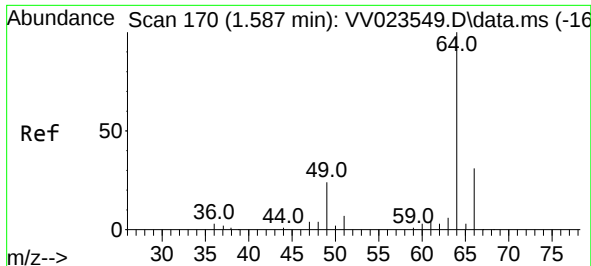
Tgt Ion: 50 Resp: 1004
Ion Ratio Lower Upper
50 100
52 39.7 24.3 45.1



#5
Vinyl chloride
Concen: 69.925 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.003 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 62 Resp: 763588
Ion Ratio Lower Upper
62 100
64 33.0 23.1 42.9

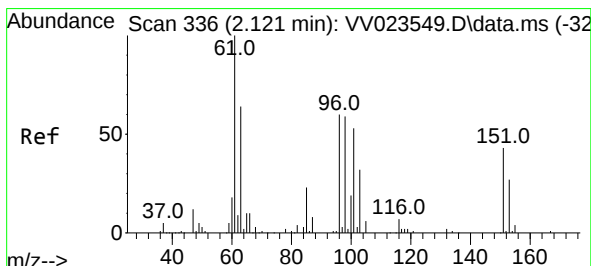
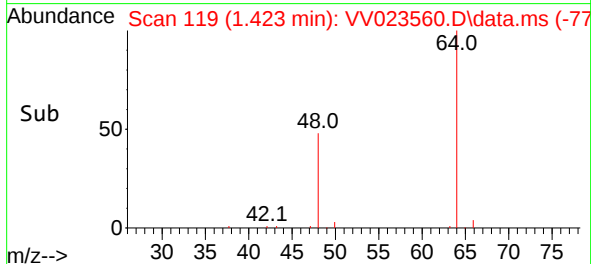
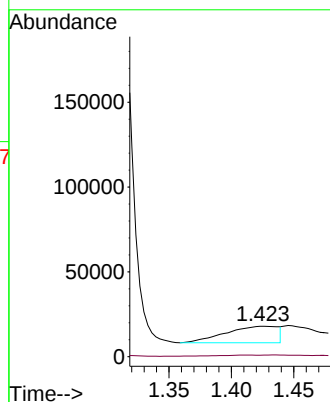
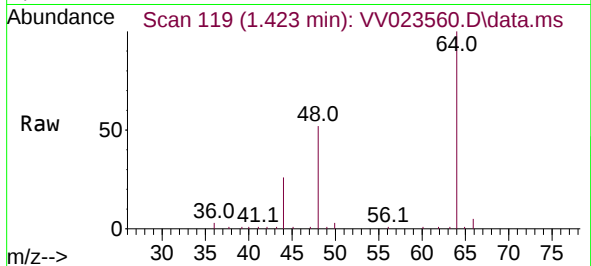




#8
Chloroethane
Concen: 4.588 ug/L
RT: 1.423 min Scan# 119
Delta R.T. -0.164 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

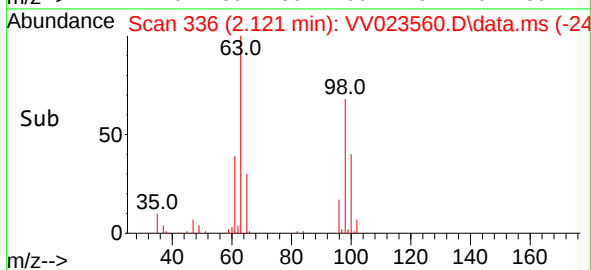
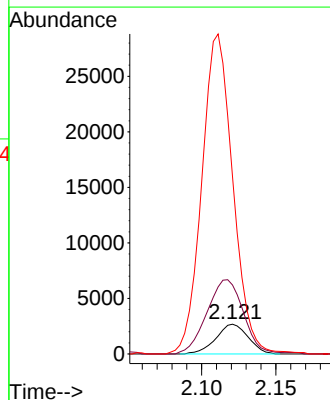
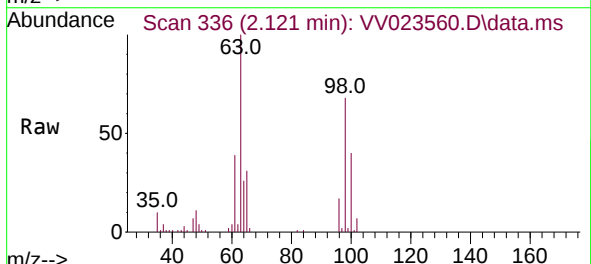
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ClientSampleId :
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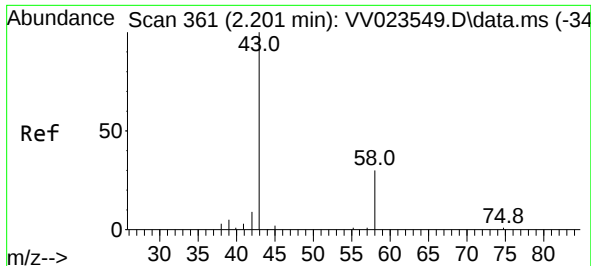
Tgt Ion: 64 Resp: 28910
Ion Ratio Lower Upper
64 100
66 4.8 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.514 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 96 Resp: 4042
Ion Ratio Lower Upper
96 100
61 231.5 121.5 225.7#
63 595.1 99.6 185.0#





#13

Acetone

Concen: 1.238 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV023560.D

Acq: 17 Nov 2021 01:57

Instrument :

MSVOA_V

ClientSampleId :

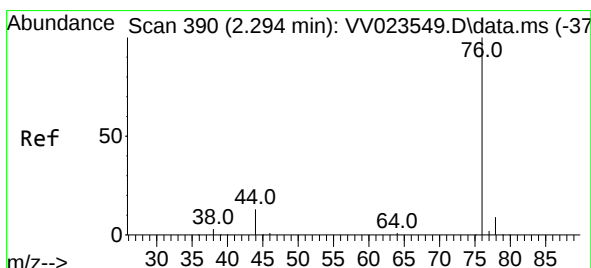
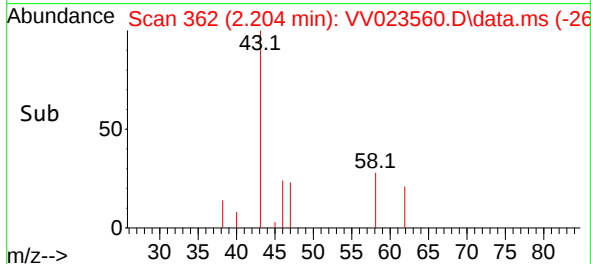
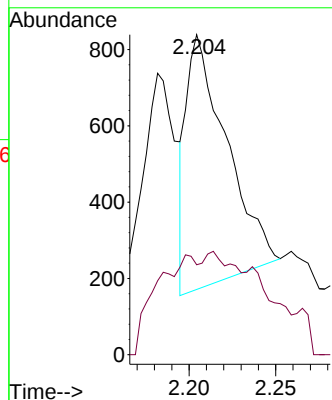
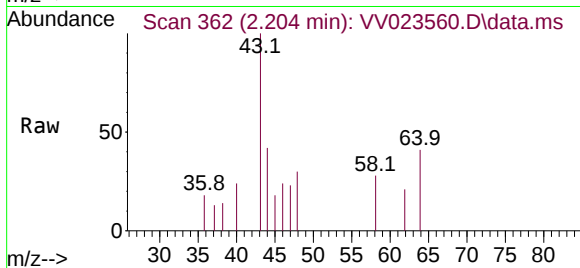
H4670

Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

43 100

58 39.7 0.0 55.4



#14

Carbon disulfide

Concen: 0.105 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023560.D

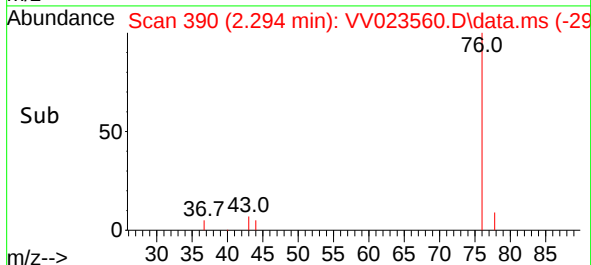
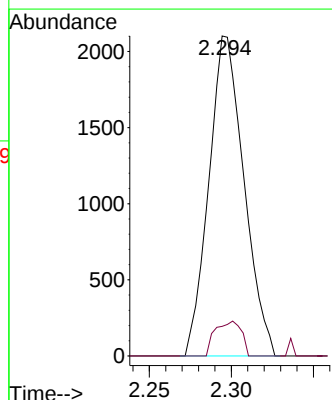
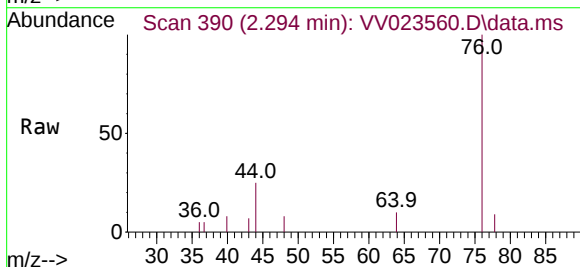
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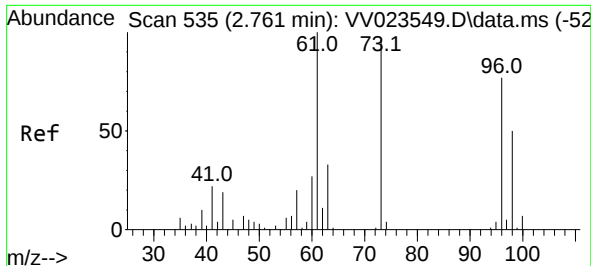
Tgt Ion: 76 Resp: 3123

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

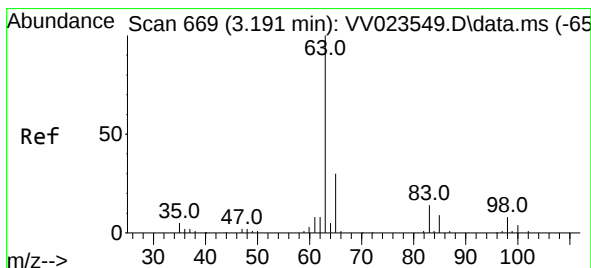
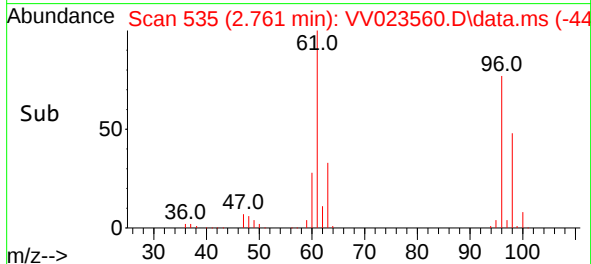
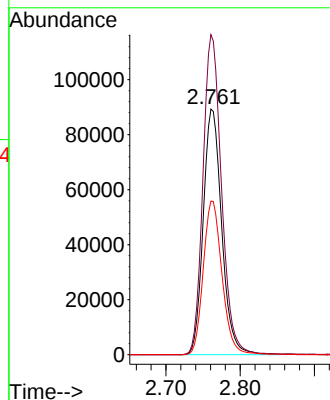
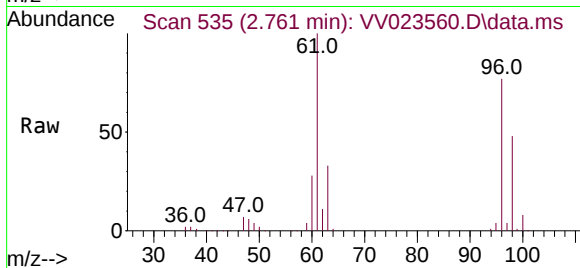




#18
trans-1,2-Dichloroethene
Concen: 15.988 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

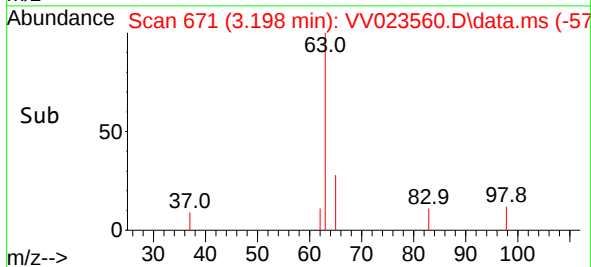
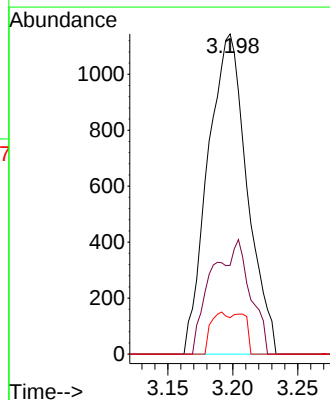
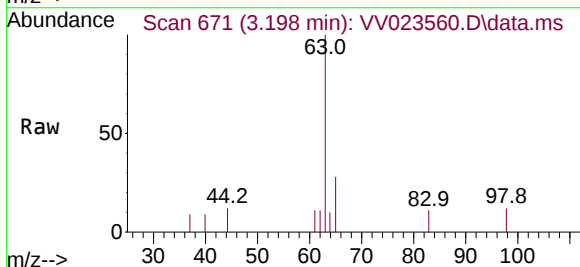
Instrument :
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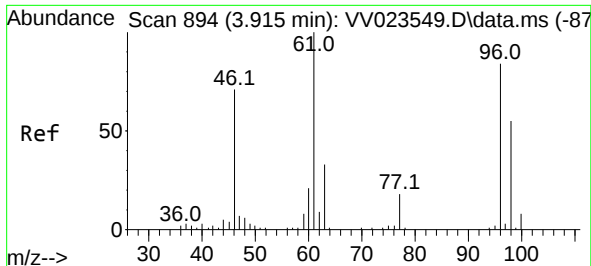
Tgt Ion: 96 Resp: 154578
Ion Ratio Lower Upper
96 100
61 130.3 93.2 173.2
98 62.5 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.006 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 63 Resp: 2400
Ion Ratio Lower Upper
63 100
65 27.7 22.6 42.0
83 11.4 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 84.915 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023560.D

Acq: 17 Nov 2021 01:57

Instrument :

MSVOA_V

ClientSampleId :

H4670

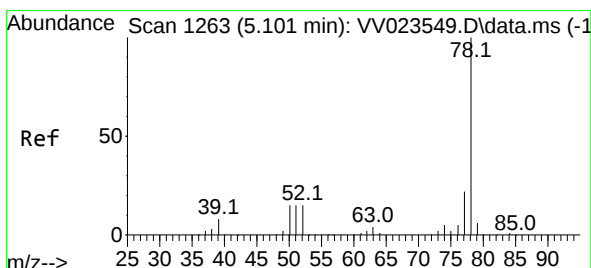
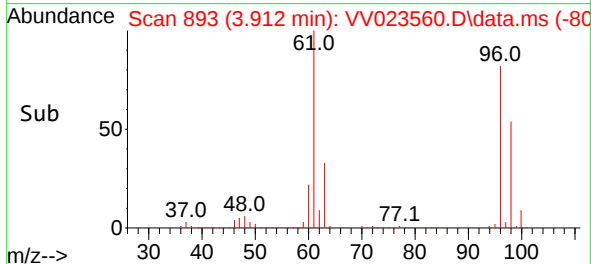
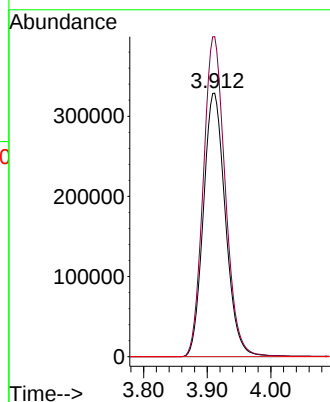
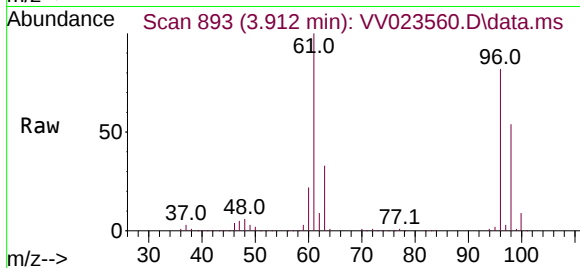
Tgt Ion: 96 Resp: 790092

Ion Ratio Lower Upper

96 100

61 121.4 92.3 171.3

68 0.0 0.4 0.8#



#33

Benzene

Concen: 0.096 ug/L

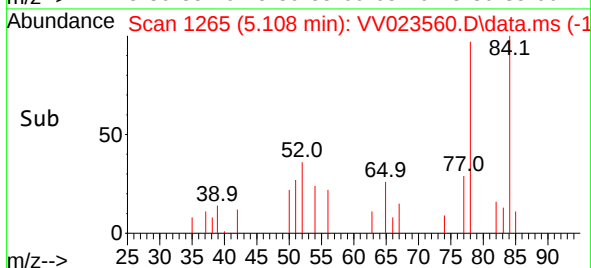
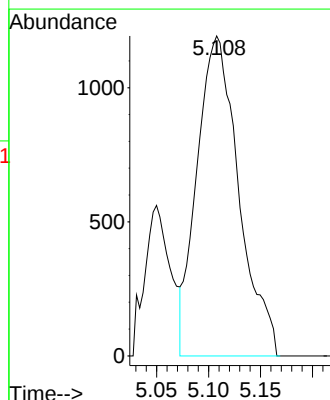
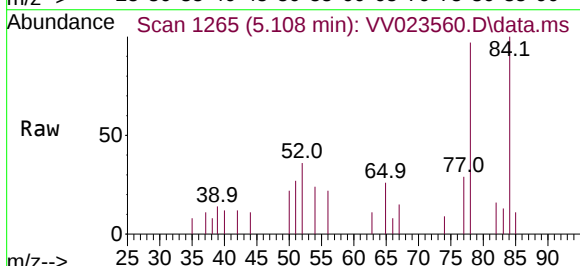
RT: 5.108 min Scan# 1265

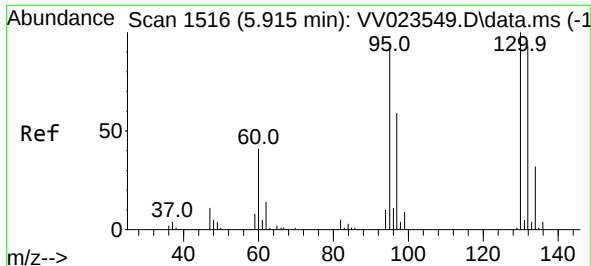
Delta R.T. 0.006 min

Lab File: VV023560.D

Acq: 17 Nov 2021 01:57

Tgt Ion: 78 Resp: 3335

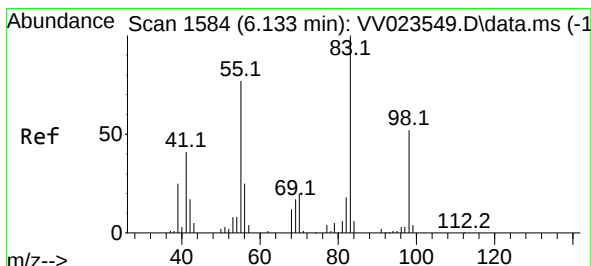
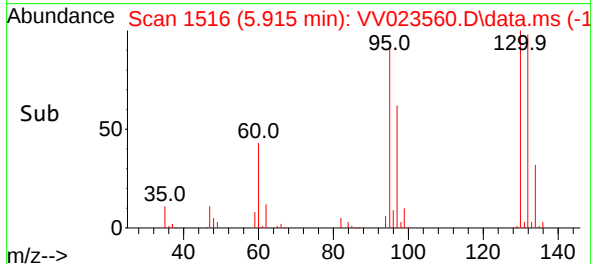
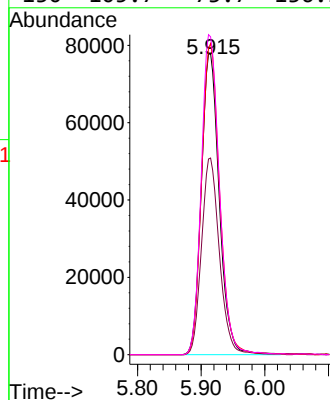
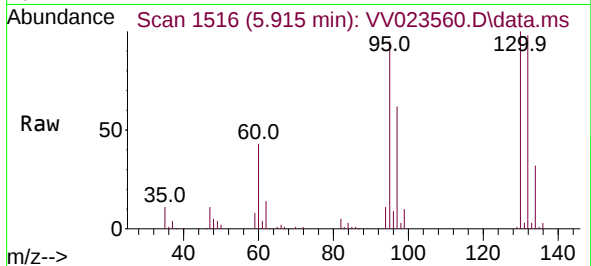




#34
Trichloroethene
Concen: 16.486 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

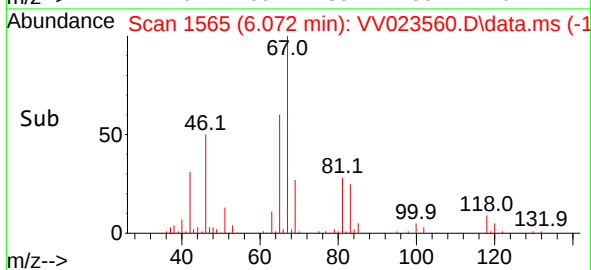
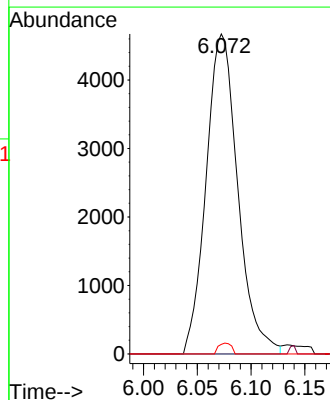
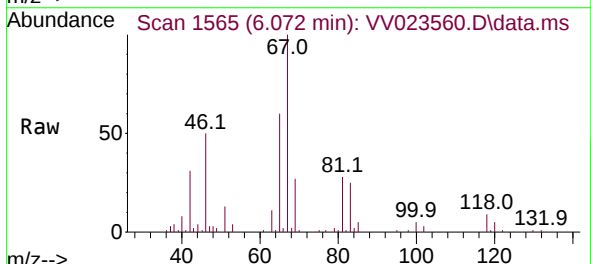
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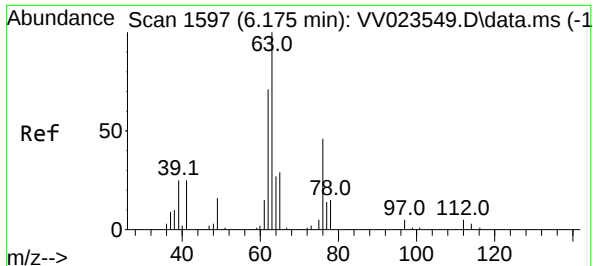
Tgt Ion: 95 Resp: 152901
Ion Ratio Lower Upper
95 100
97 65.3 45.0 83.6
132 103.4 69.7 129.4
130 105.7 73.7 136.9



#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 83 Resp: 9584
Ion Ratio Lower Upper
83 100
55 0.5 62.8 94.2#
98 2.4 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023560.D

Acq: 17 Nov 2021 01:57

Instrument :

MSVOA_V

ClientSampleId :

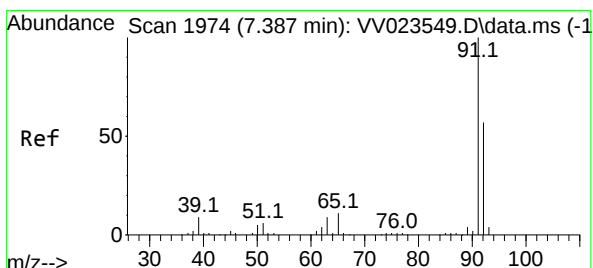
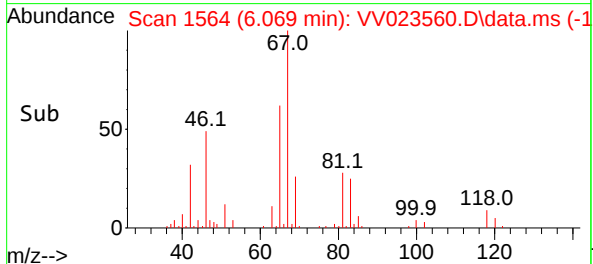
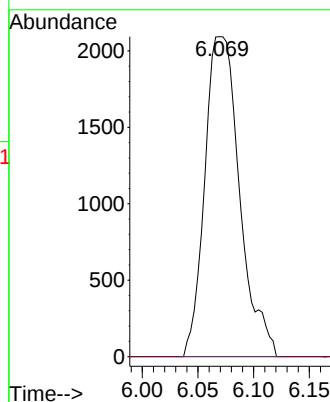
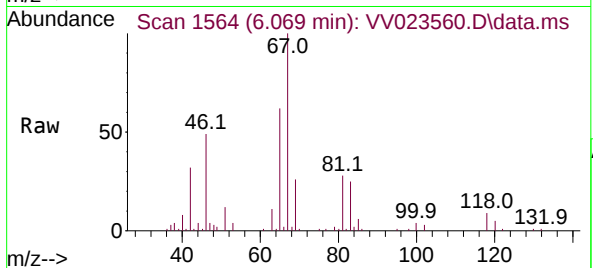
H4670

Tgt Ion: 63 Resp: 4569

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 0.112 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023560.D

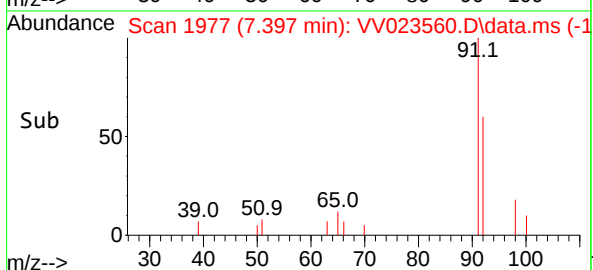
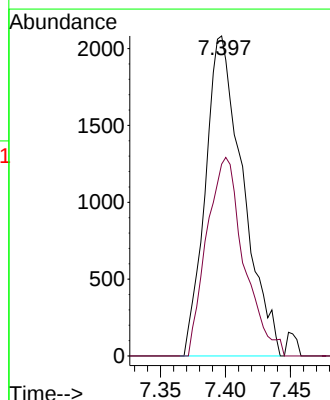
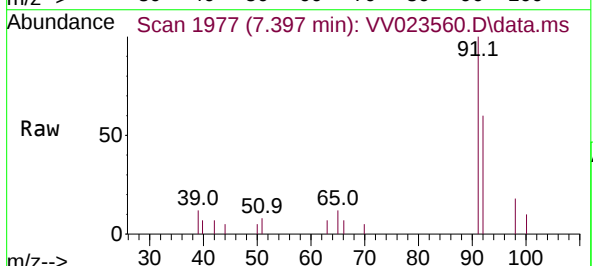
Acq: 17 Nov 2021 01:57

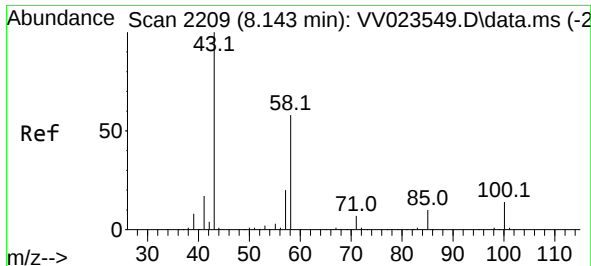
Tgt Ion: 91 Resp: 4189

Ion Ratio Lower Upper

91 100

92 59.9 39.3 72.9

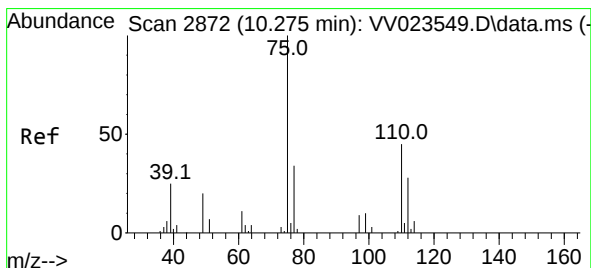
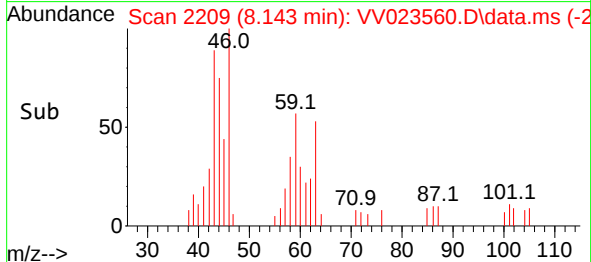
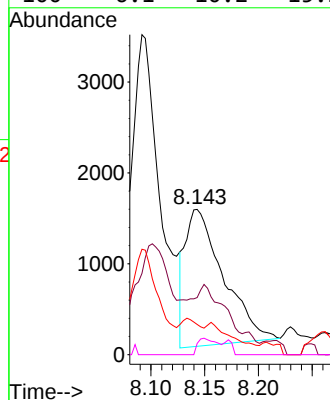
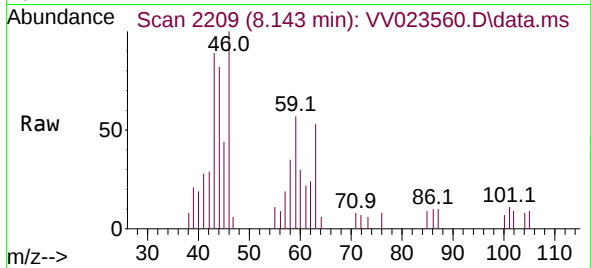




#48
2-Hexanone
Concen: 1.405 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Instrument :
MSVOA_V
ClientSampleId :
H4670

Tgt Ion: 43 Resp: 3717
Ion Ratio Lower Upper
43 100
58 43.3 43.7 65.5#
57 16.7 14.1 21.1
100 6.1 10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.615 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 75 Resp: 6355
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8
110 2.4 31.8 47.6#

