

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023040.D
 Acq On : 26 Oct 2021 15:39
 Operator : SY/MD
 Sample : M4277-10DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 01:33:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

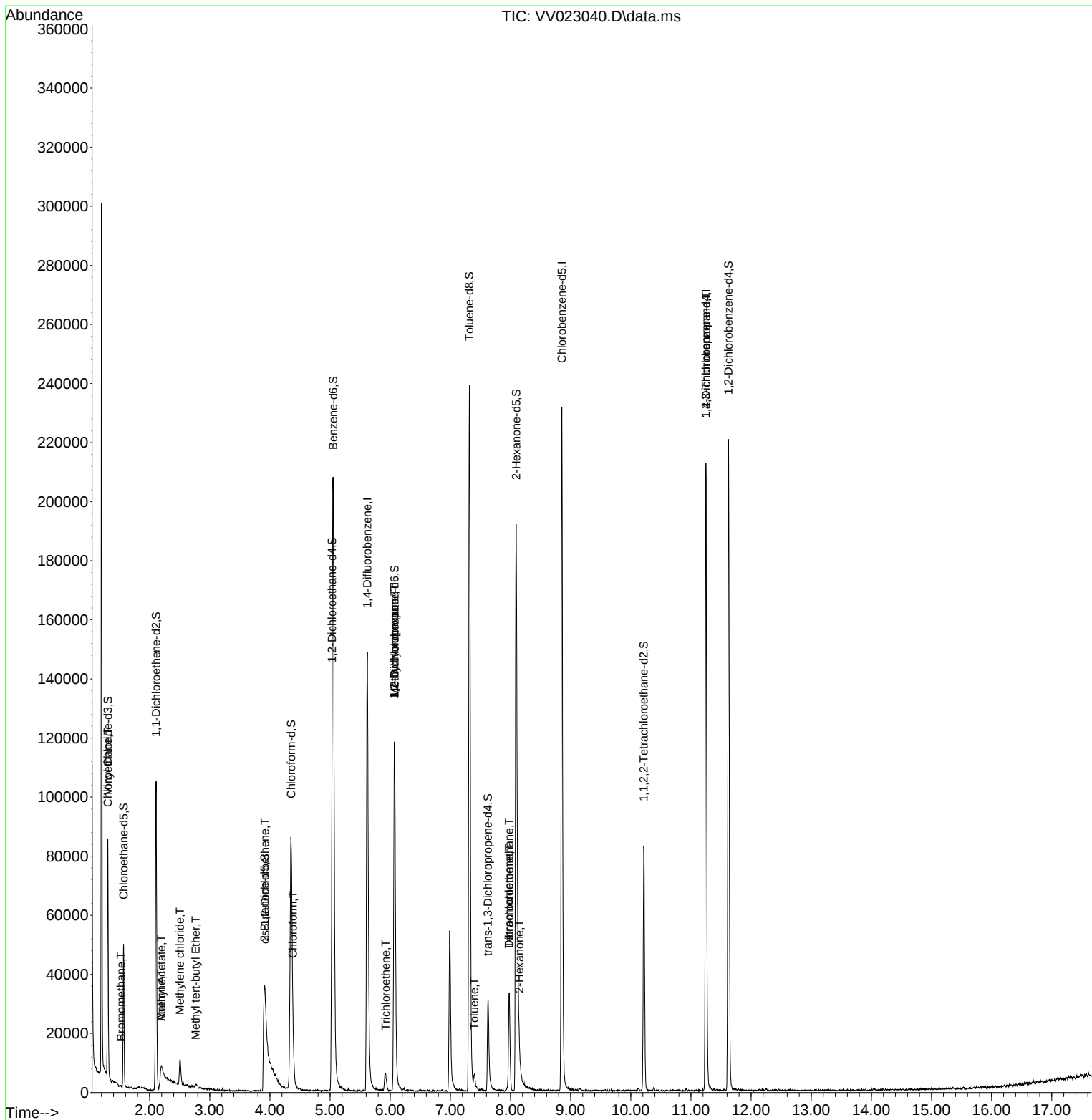
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

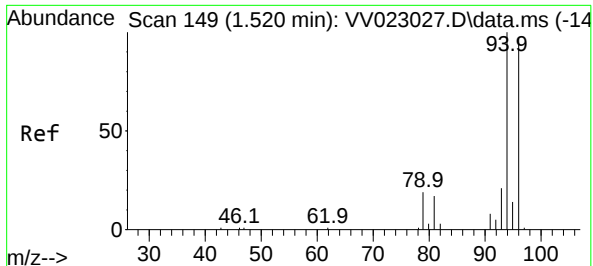
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133298	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49047	4.211	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	28615	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.108	63	53801	3.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.912	46	79313	42.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.900%
24) Chloroform-d	4.352	84	87064	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.034	65	45368	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.053	84	192247	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.072	67	59620	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.317	98	162062	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	19793	4.742	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.095	63	75178	48.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39936	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	59216	5.850	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	249	0.052	ug/L	95
8) Chloroethane	1.307	64	832	0.169	ug/L #	1
13) Acetone	2.195	43	22419	24.456	ug/L	78
15) Methyl Acetate	2.195	43	22422	6.430	ug/L #	47
16) Methylene chloride	2.507	84	3728	0.497	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	887	0.054	ug/L #	55
22) cis-1,2-Dichloroethene	3.918	96	2449	0.296	ug/L #	84
25) Chloroform	4.381	83	12208	0.690	ug/L	91
34) Trichloroethene	5.928	95	1502	0.168	ug/L	92
35) Methylcyclohexane	6.072	83	15075	1.175	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6311	0.702	ug/L #	83
42) Toluene	7.400	91	3559	0.098	ug/L	95
47) Tetrachloroethene	7.979	164	7799	1.030	ug/L	99
48) 2-Hexanone	8.146	43	3109	0.989	ug/L #	53
49) Dibromochloromethane	7.979	129	7249	0.969	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6637	1.662	ug/L #	67

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

Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

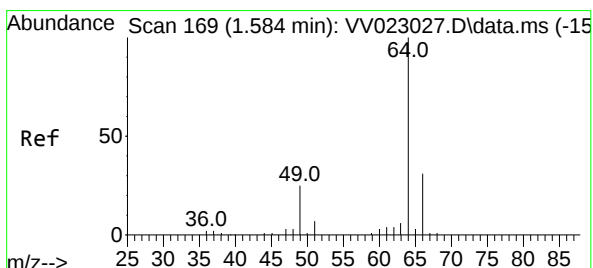
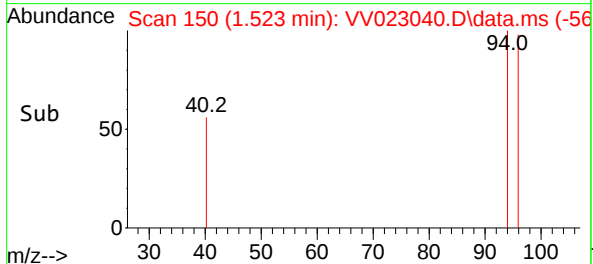
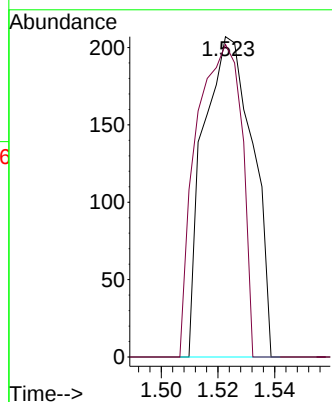
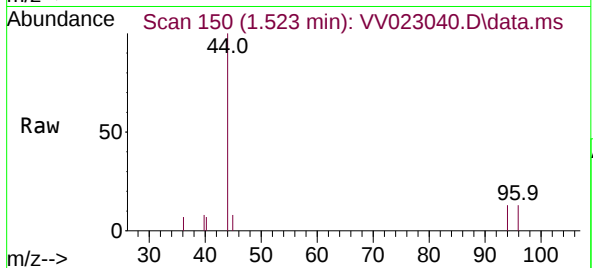




#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

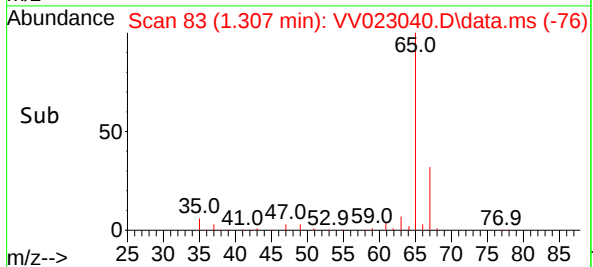
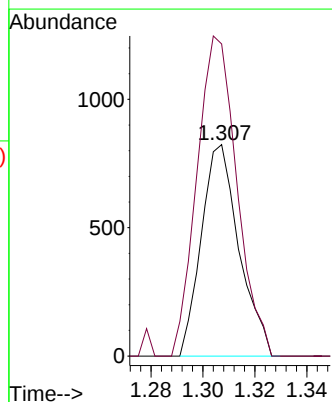
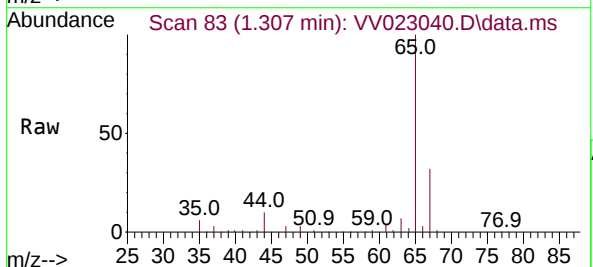
Instrument :
MSVOA_V
ClientSampleId :

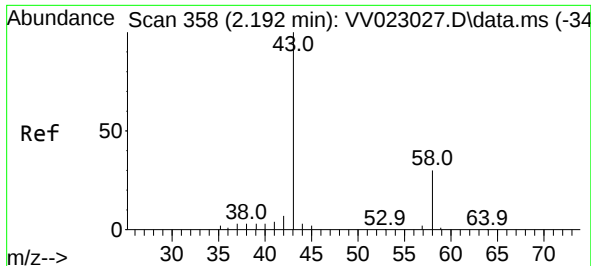
Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 97.6 65.0 120.8



#8
Chloroethane
Concen: 0.169 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.277 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Tgt Ion: 64 Resp: 832
Ion Ratio Lower Upper
64 100
66 147.6 22.1 41.1#





#13

Acetone

Concen: 24.456 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.003 min

Lab File: VV023040.D

Acq: 26 Oct 2021 15:39

Instrument :

MSVOA_V

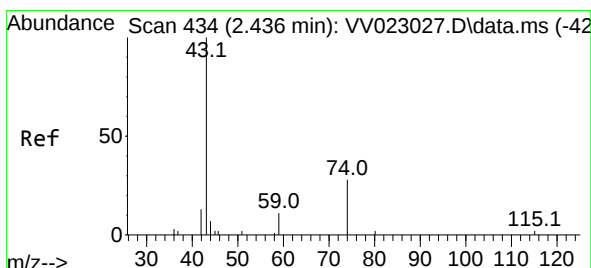
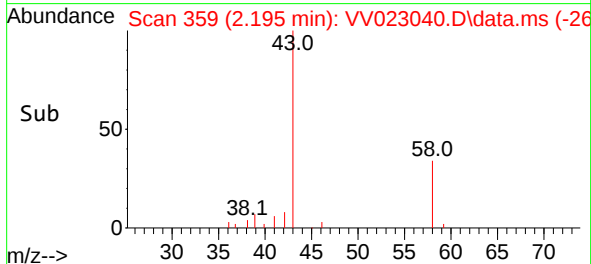
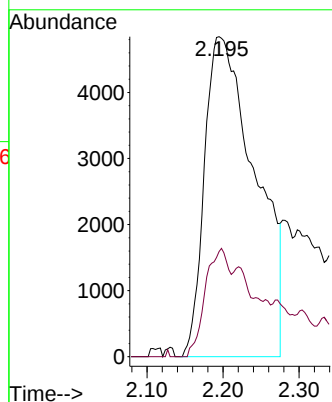
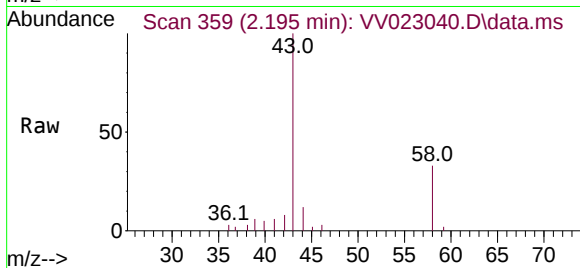
ClientSampleId :

Tgt Ion: 43 Resp: 22419

Ion Ratio Lower Upper

43 100

58 16.0 0.0 55.4



#15

Methyl Acetate

Concen: 6.430 ug/L

RT: 2.195 min Scan# 359

Delta R.T. -0.241 min

Lab File: VV023040.D

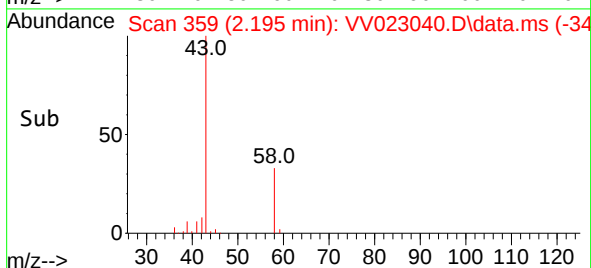
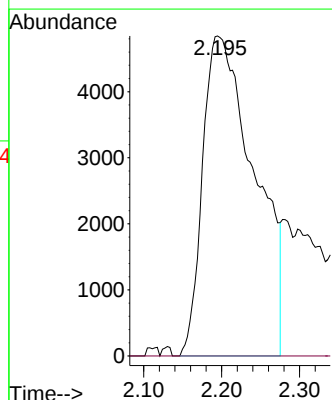
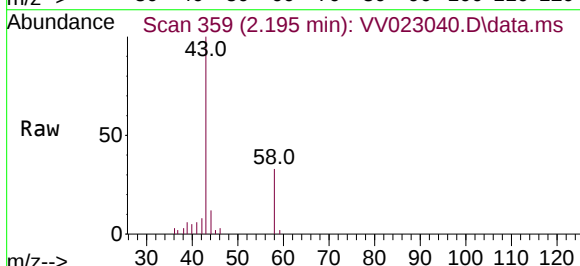
Acq: 26 Oct 2021 15:39

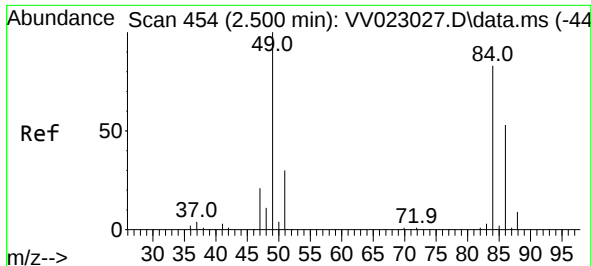
Tgt Ion: 43 Resp: 22422

Ion Ratio Lower Upper

43 100

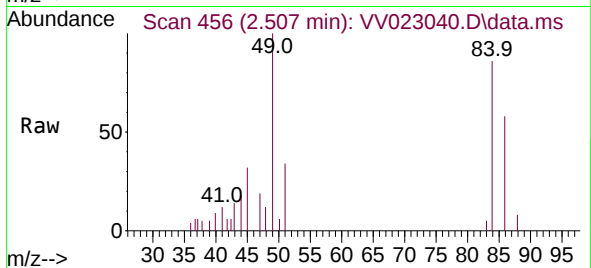
74 0.2 22.2 33.2#





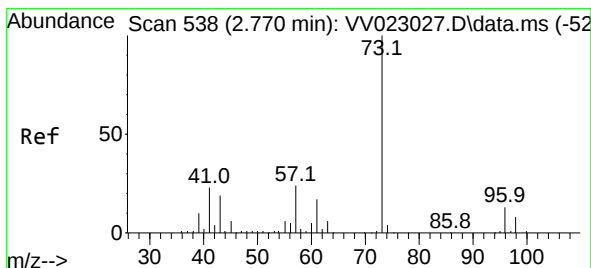
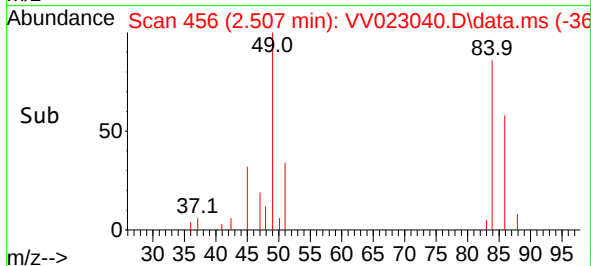
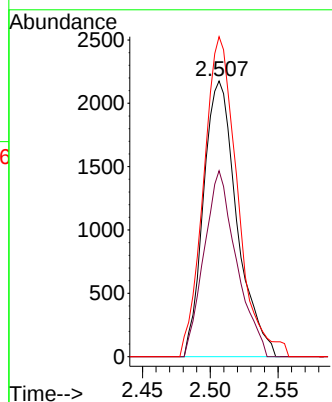
#16
Methylene chloride
Concen: 0.497 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3728

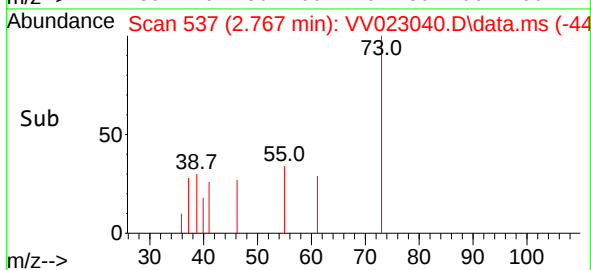
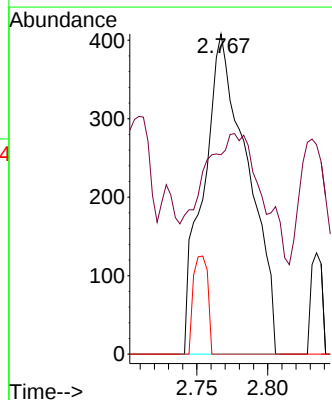
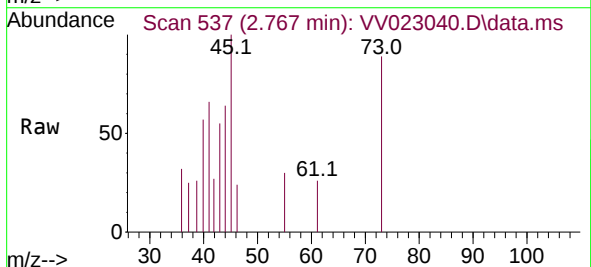
Ion	Ratio	Lower	Upper
84	100		
86	67.4	42.3	78.5
49	116.1	79.7	148.1

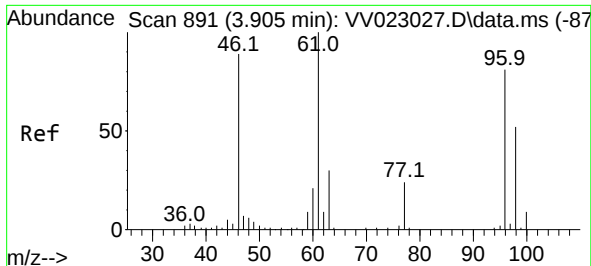


#17
Methyl tert-butyl Ether
Concen: 0.054 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Tgt Ion: 73 Resp: 887

Ion	Ratio	Lower	Upper
73	100		
43	52.9	17.4	26.0#
57	9.9	16.5	24.7#





#22

cis-1,2-Dichloroethene

Concen: 0.296 ug/L

RT: 3.918 min Scan# 891

Delta R.T. 0.013 min

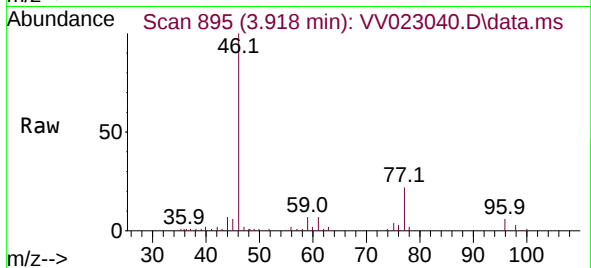
Lab File: VV023040.D

Acq: 26 Oct 2021 15:39

Instrument :

MSVOA_V

ClientSampleId :



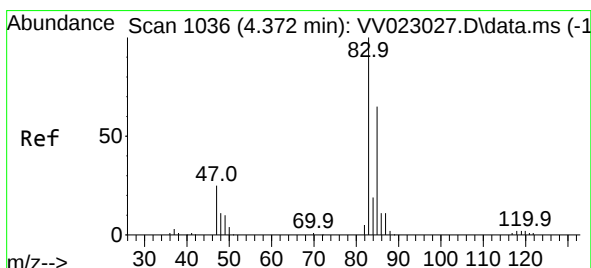
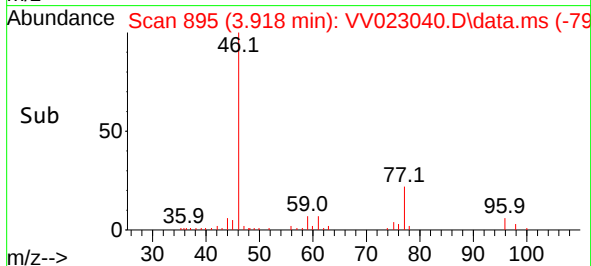
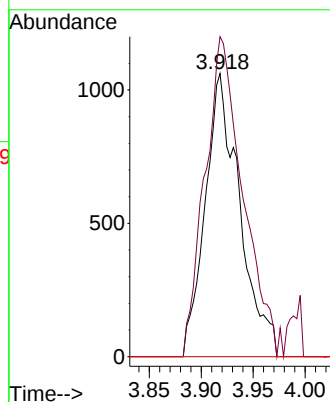
Tgt Ion: 96 Resp: 2449

Ion Ratio Lower Upper

96 100

61 113.0 92.3 171.3

68 0.0 0.4 0.8#



#25

Chloroform

Concen: 0.690 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV023040.D

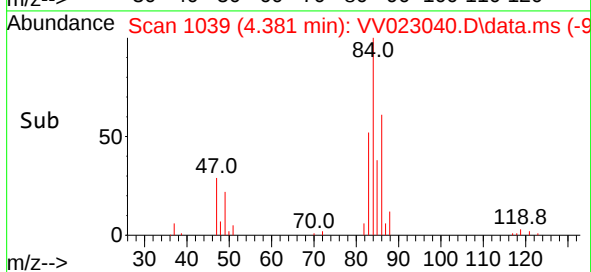
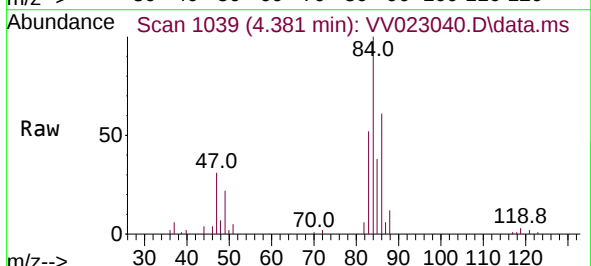
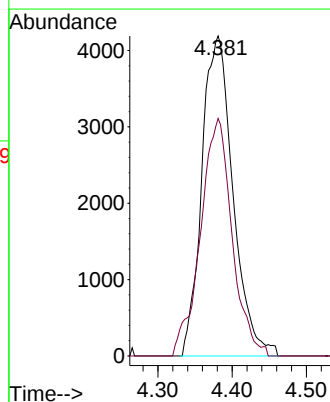
Acq: 26 Oct 2021 15:39

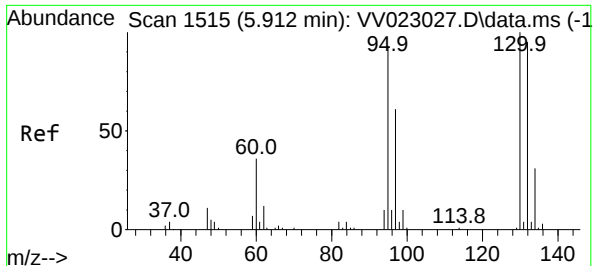
Tgt Ion: 83 Resp: 12208

Ion Ratio Lower Upper

83 100

85 74.2 46.8 86.8



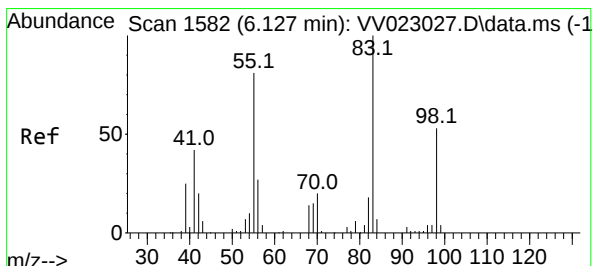
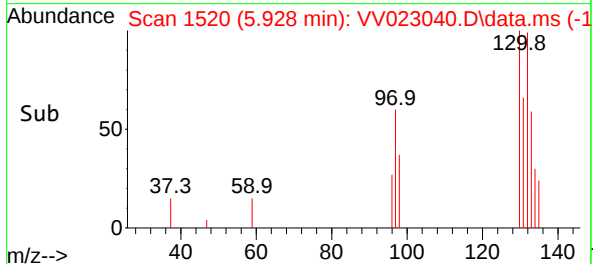
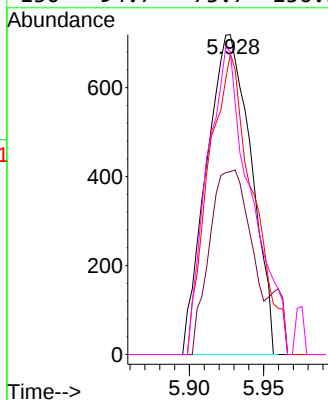
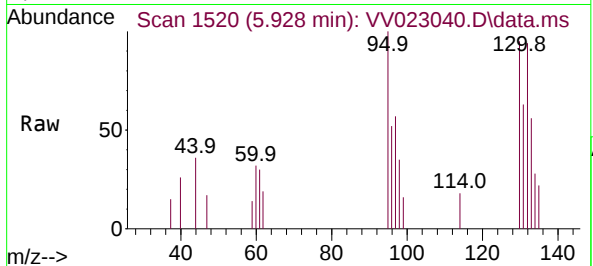


#34
Trichloroethene
Concen: 0.168 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1502

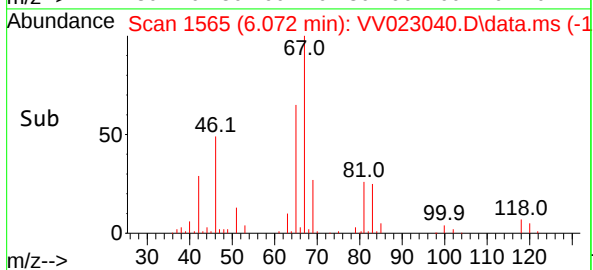
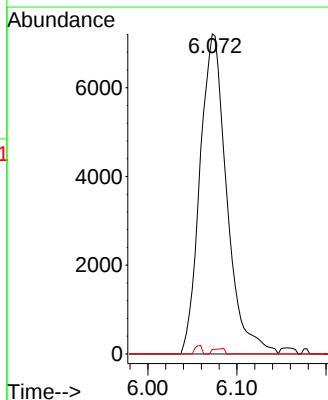
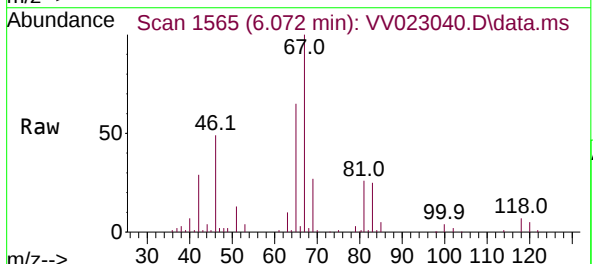
Ion	Ratio	Lower	Upper
95	100		
97	57.2	45.0	83.6
132	94.0	69.7	129.4
130	94.7	73.7	136.9

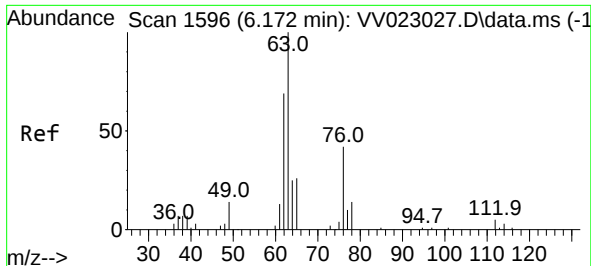


#35
Methylcyclohexane
Concen: 1.175 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Tgt Ion: 83 Resp: 15075

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.7	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.702 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023040.D

Acq: 26 Oct 2021 15:39

Instrument :

MSVOA_V

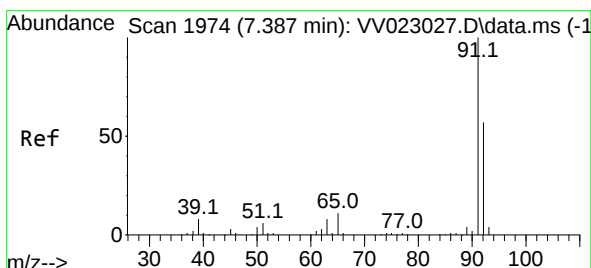
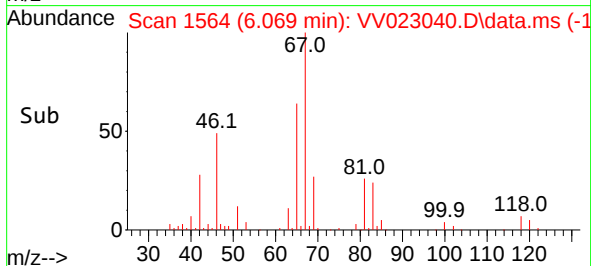
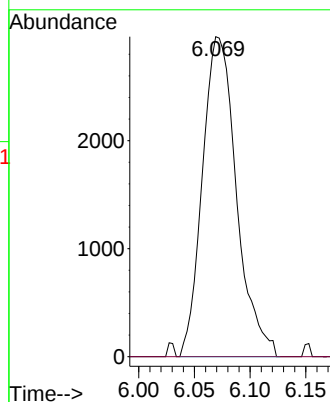
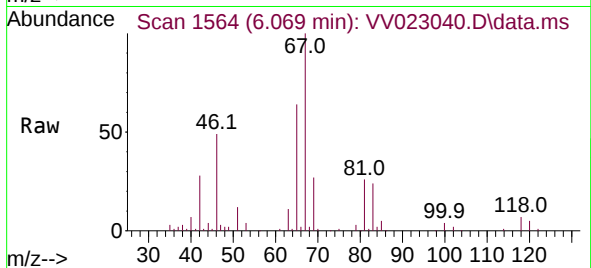
ClientSampleId :

Tgt Ion: 63 Resp: 6311

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 0.098 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023040.D

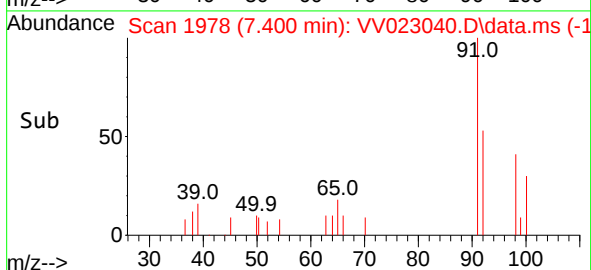
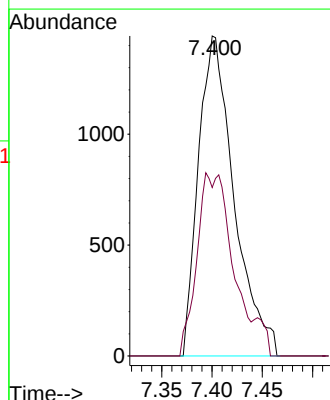
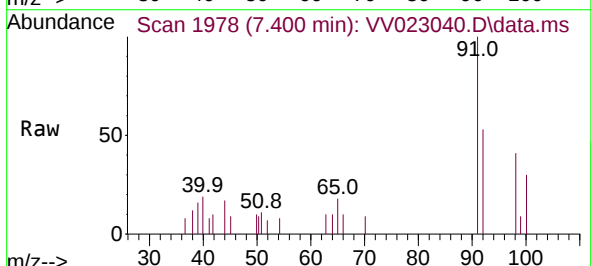
Acq: 26 Oct 2021 15:39

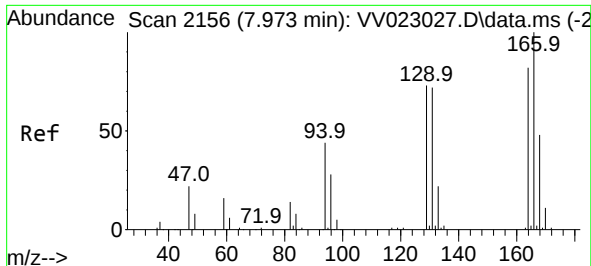
Tgt Ion: 91 Resp: 3559

Ion Ratio Lower Upper

91 100

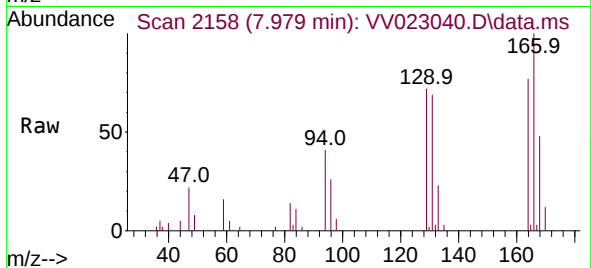
92 52.7 39.3 72.9



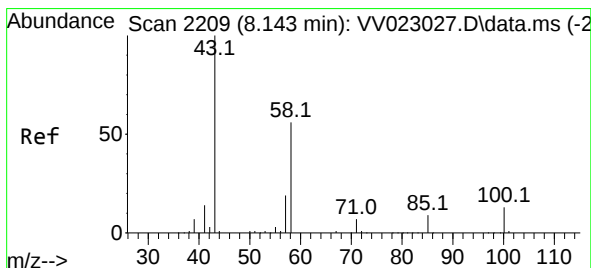
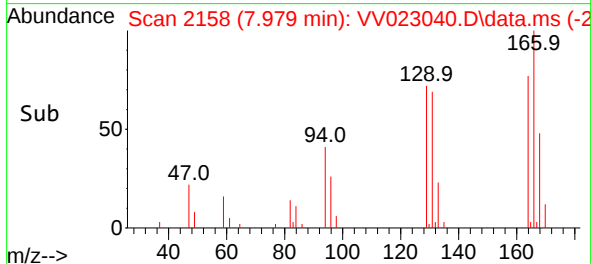
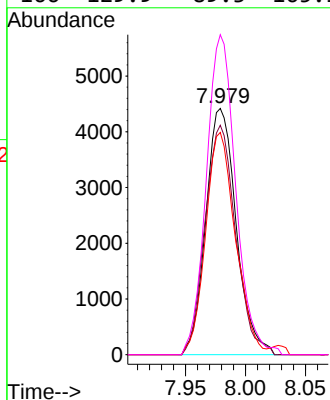


#47
Tetrachloroethene
Concen: 1.030 ug/L
RT: 7.979 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :

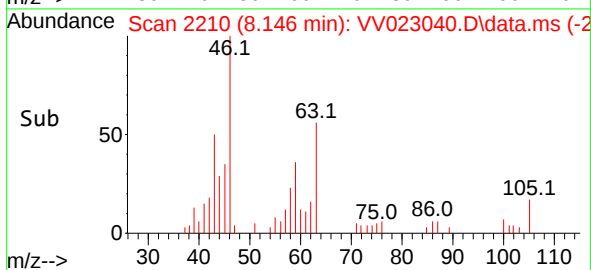
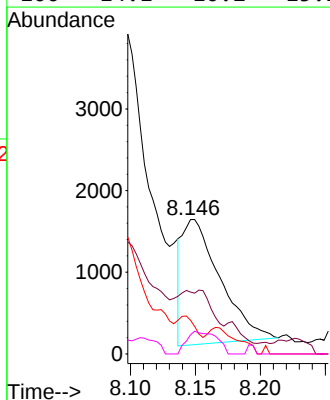
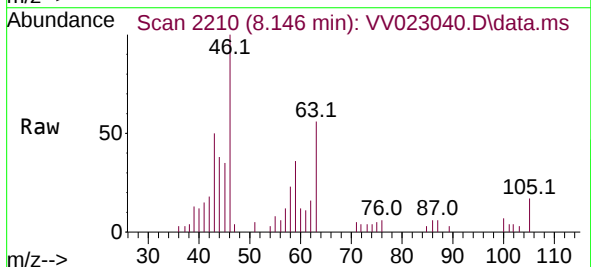


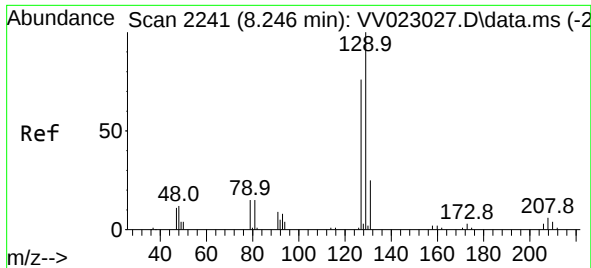
Tgt Ion:164 Resp: 7799
Ion Ratio Lower Upper
164 100
129 93.1 64.0 119.0
131 90.2 63.4 117.8
166 129.9 89.3 165.9



#48
2-Hexanone
Concen: 0.989 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 3.3 43.7 65.5#
57 15.7 14.1 21.1
100 14.1 10.2 15.2

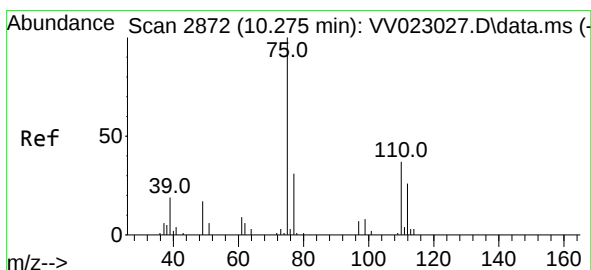
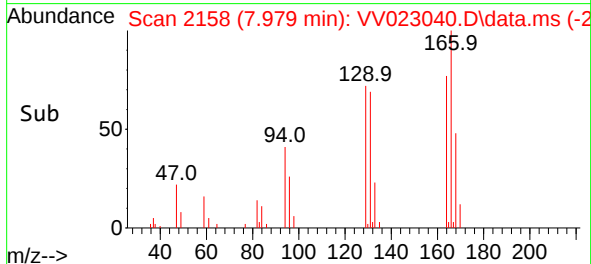
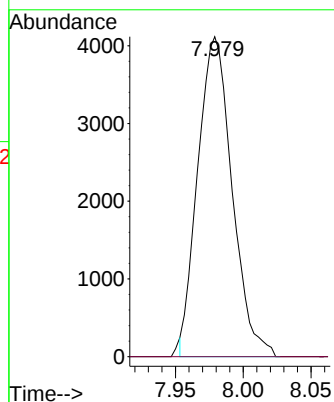
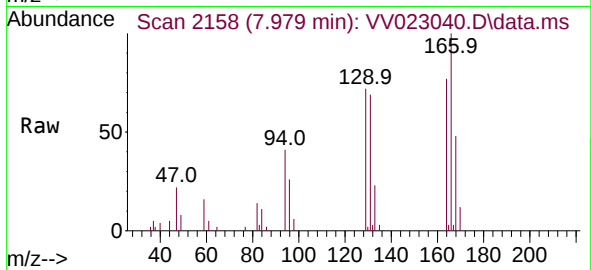




#49
Dibromochloromethane
Concen: 0.969 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 7249
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 1.662 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023040.D
Acq: 26 Oct 2021 15:39

Tgt Ion: 75 Resp: 6637
Ion Ratio Lower Upper
75 100
77 33.4 26.6 39.8
110 3.1 31.8 47.6#

