

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023031.D
 Acq On : 26 Oct 2021 12:05
 Operator : SY/MD
 Sample : M4278-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 01:31:42 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	5.622	114	135415	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52415	4.430	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.568	69	32478	4.437	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54464	3.191	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.800%	
20) 2-Butanone-d5	3.889	46	106209	55.954	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.900%	
24) Chloroform-d	4.352	84	95673	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.037	65	44718	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.053	84	196094	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.072	67	60467	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.320	98	165130	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.625	79	19955	4.654	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.091	63	71616	45.109	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.220%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37682	4.459	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	64088	5.761	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	473	0.051	ug/L	99
13) Acetone	2.179	43	16117	17.306	ug/L	91
15) Methyl Acetate	2.355	43	506837	143.066	ug/L #	47
33) Benzene	5.104	78	23269	0.635	ug/L	100
35) Methylcyclohexane	6.072	83	14767	1.120	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	6614	0.716	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1386	0.121	ug/L #	34
42) Toluene	7.391	91	225379	6.069	ug/L	97
48) 2-Hexanone	8.146	43	8517	2.639	ug/L #	91
52) Ethylbenzene	9.018	91	25046	0.679	ug/L	95
53) m,p-xylene	9.140	106	33719	2.281	ug/L	98
54) o-xylene	9.548	106	11848	0.851	ug/L	88
61) 1,2,3-Trichloropropane	9.551	75	284	0.065	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.538	105	2711	0.107	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	13074	0.517	ug/L	94
71) Naphthalene	13.509	128	5248	0.365	ug/L	97

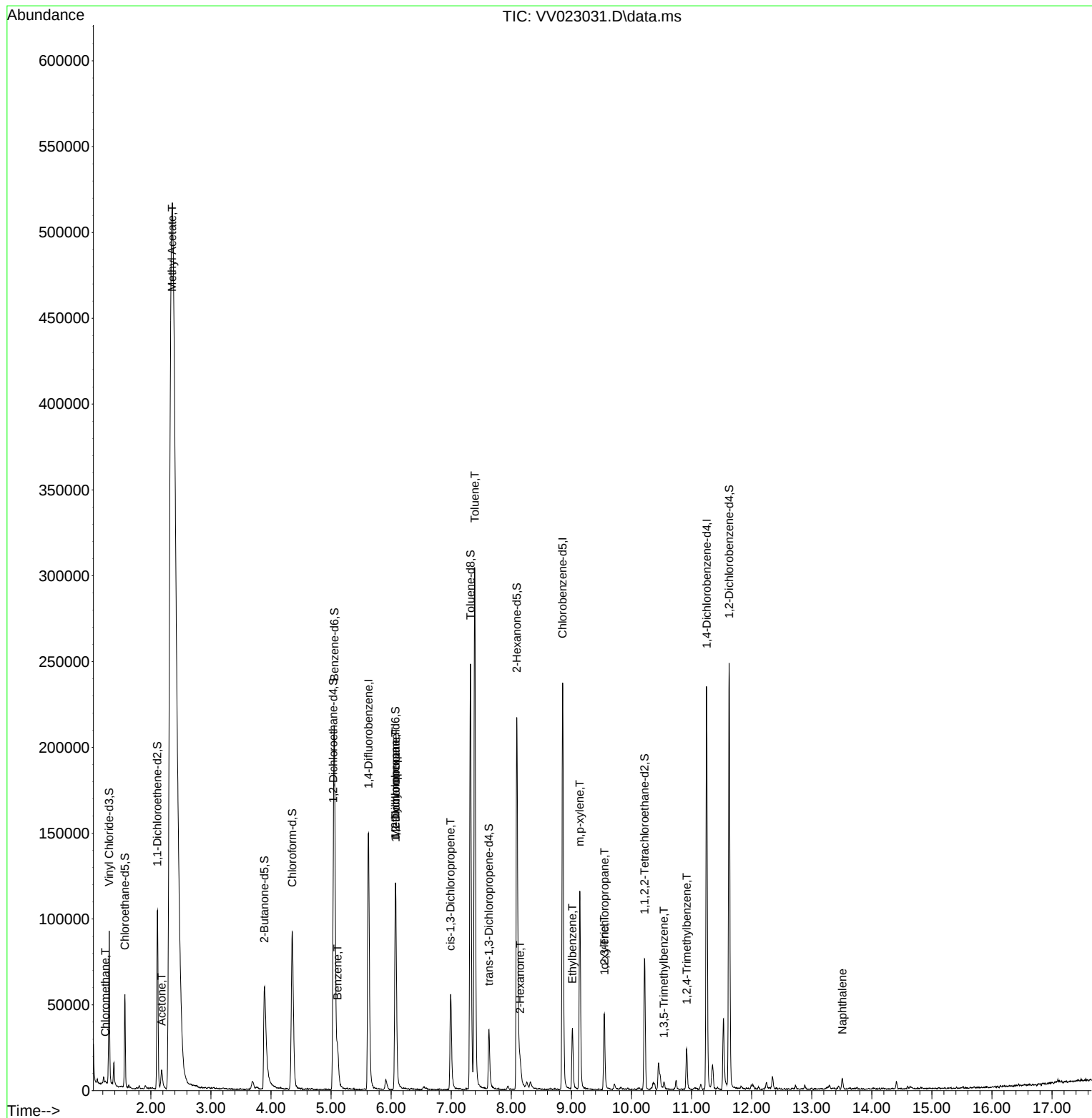
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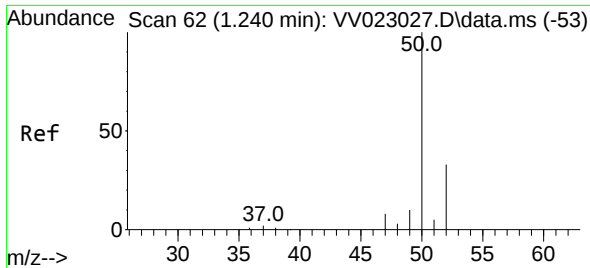
Instrument :
MSVOA_V
ClientSampleId :

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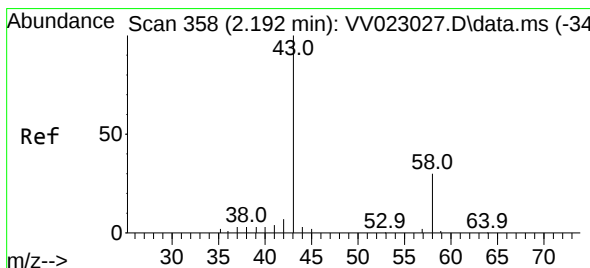
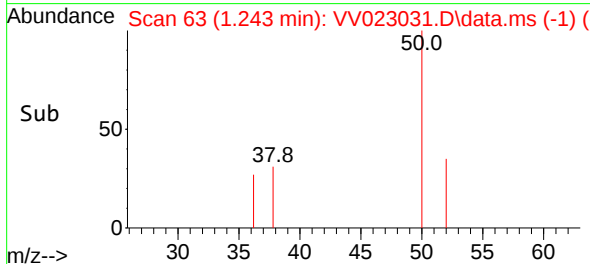
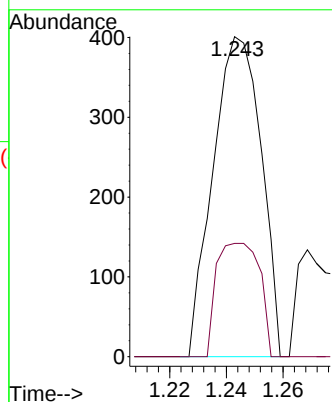
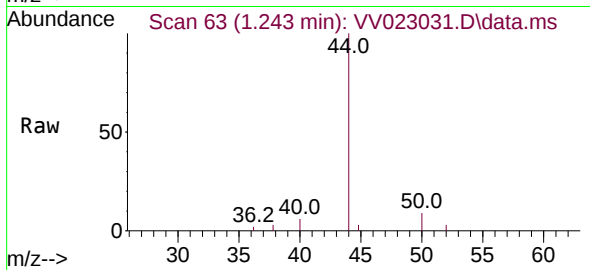




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

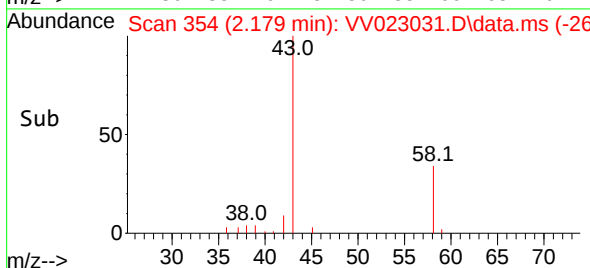
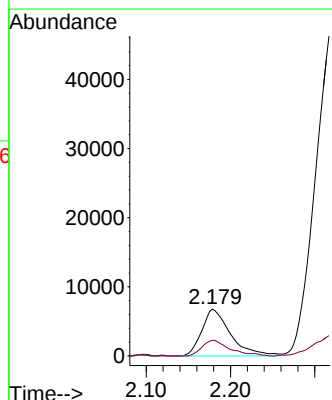
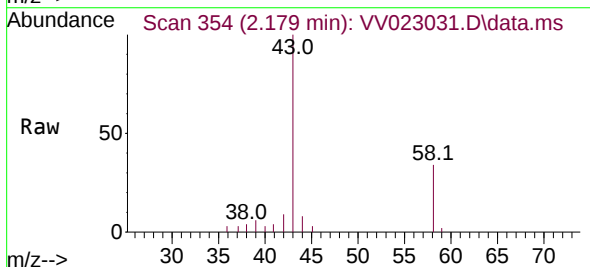
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ClientSampleId :

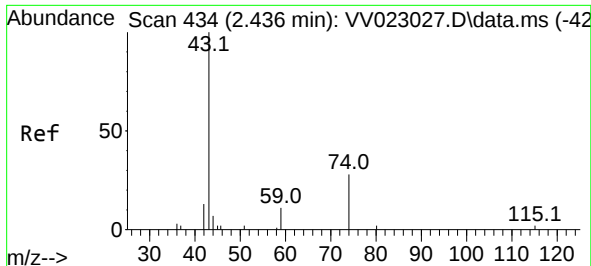
Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 35.4 24.3 45.1



#13
Acetone
Concen: 17.306 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.013 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion: 43 Resp: 16117
Ion Ratio Lower Upper
43 100
58 32.4 0.0 55.4

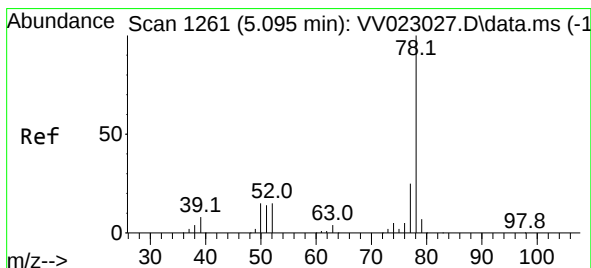
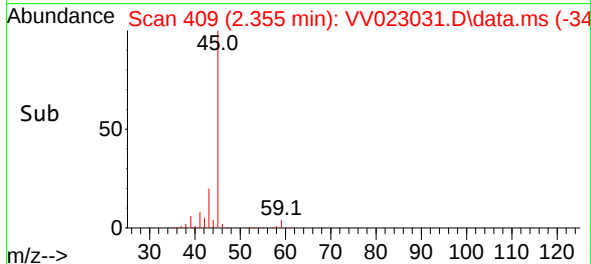
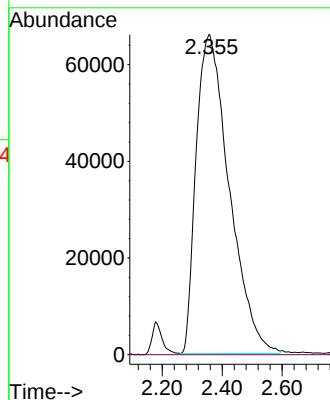
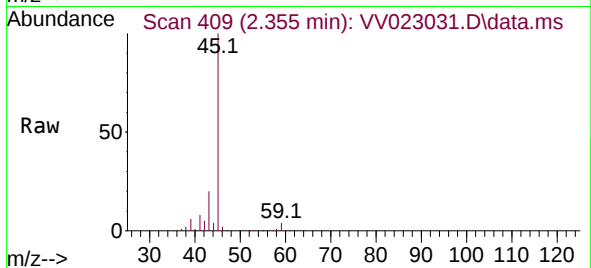




#15
Methyl Acetate
Concen: 143.066 ug/L
RT: 2.355 min Scan# 409
Delta R.T. -0.081 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

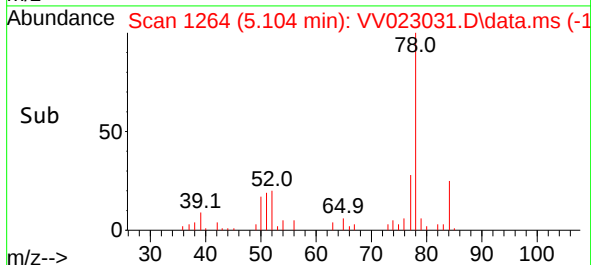
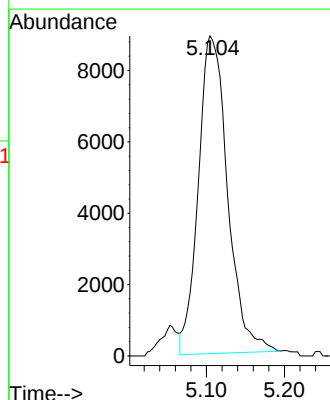
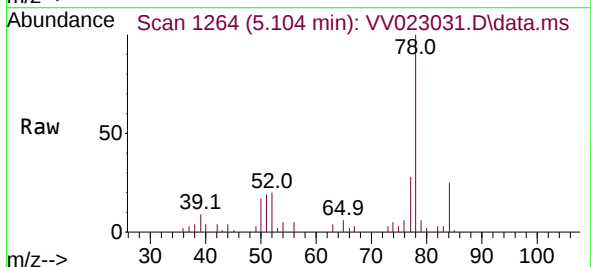
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MSVOA_V
ClientSampleId :

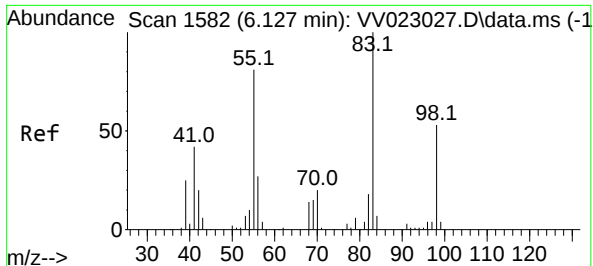
Tgt Ion: 43 Resp: 506837
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#33
Benzene
Concen: 0.635 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion: 78 Resp: 23269

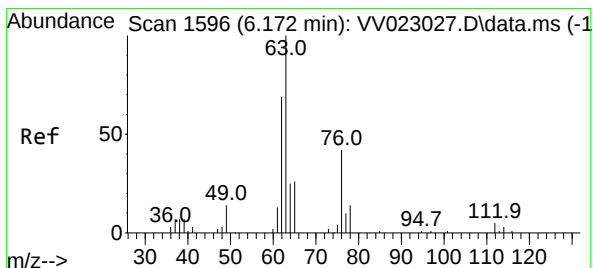
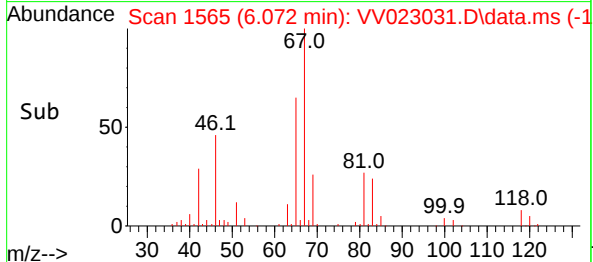
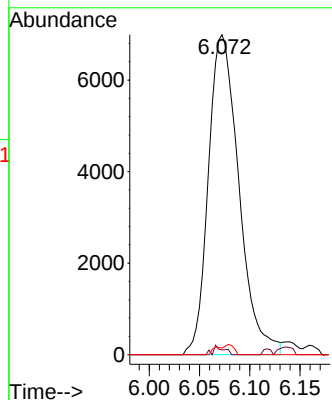
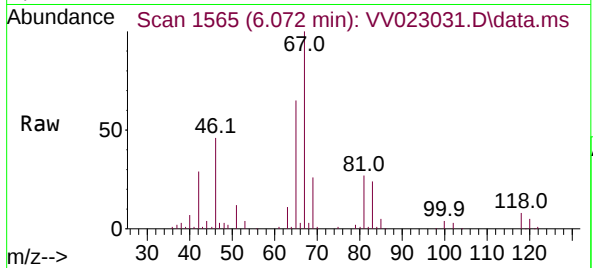




#35
Methylcyclohexane
Concen: 1.120 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

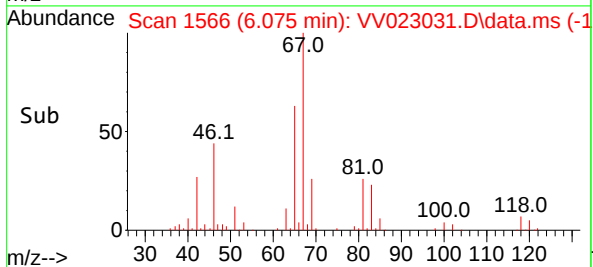
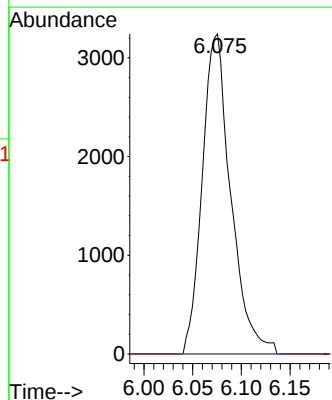
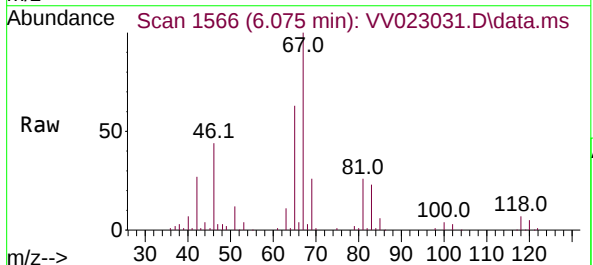
Instrument :
MSVOA_V
ClientSampleId :

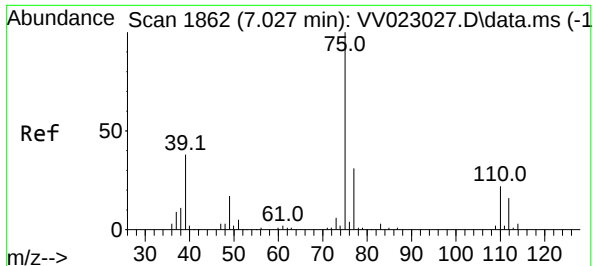
Tgt Ion: 83 Resp: 14767
Ion Ratio Lower Upper
83 100
55 1.0 62.8 94.2#
98 1.7 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion: 63 Resp: 6614
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.989 min Scan# 1862

Delta R.T. -0.039 min

Lab File: VV023031.D

Acq: 26 Oct 2021 12:05

Instrument :

MSVOA_V

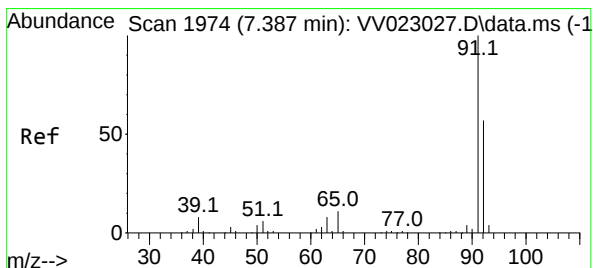
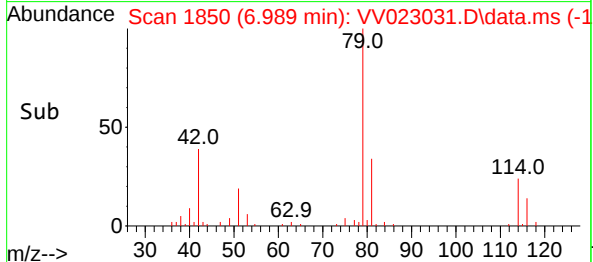
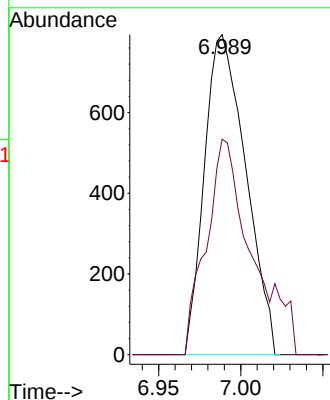
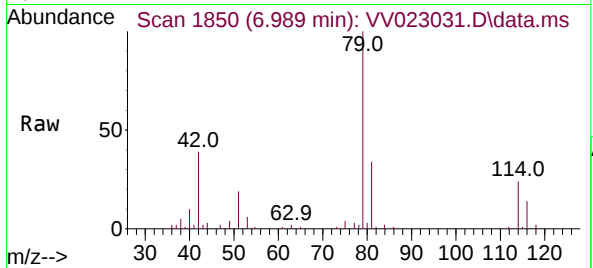
ClientSampleId :

Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

75 100

77 67.3 21.6 40.2#



#42

Toluene

Concen: 6.069 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023031.D

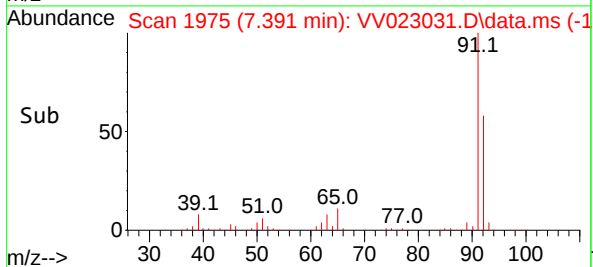
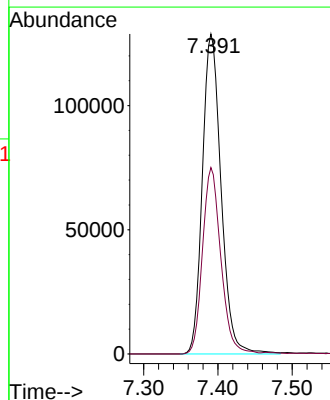
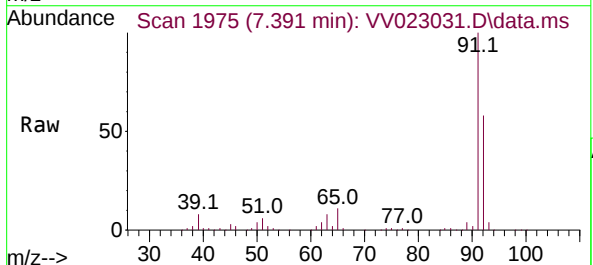
Acq: 26 Oct 2021 12:05

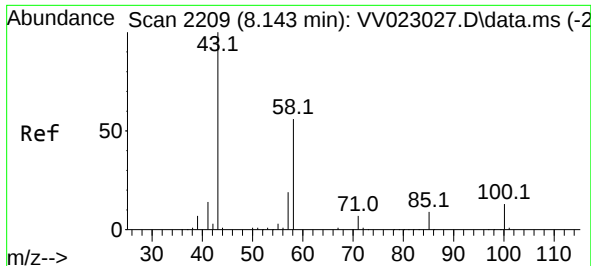
Tgt Ion: 91 Resp: 225379

Ion Ratio Lower Upper

91 100

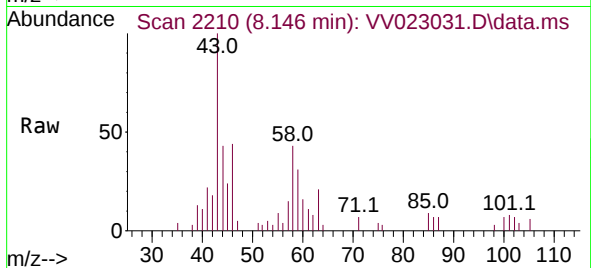
92 58.3 39.3 72.9



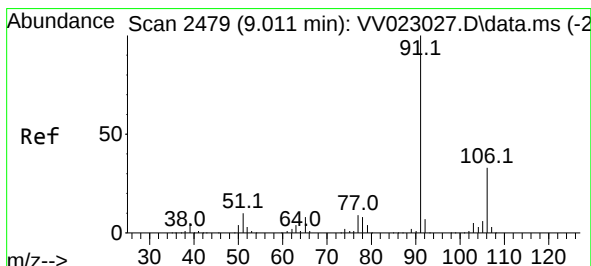
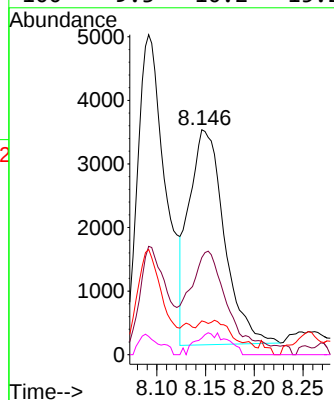
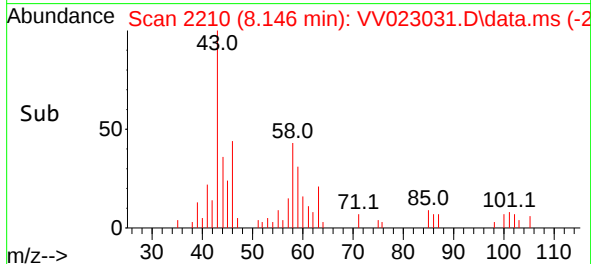


#48
2-Hexanone
Concen: 2.639 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :

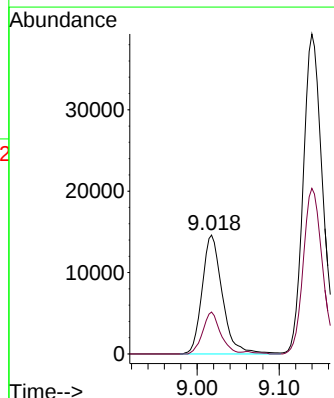
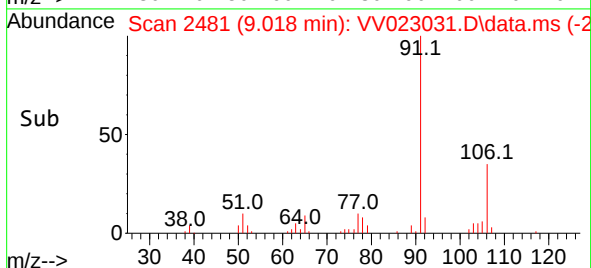
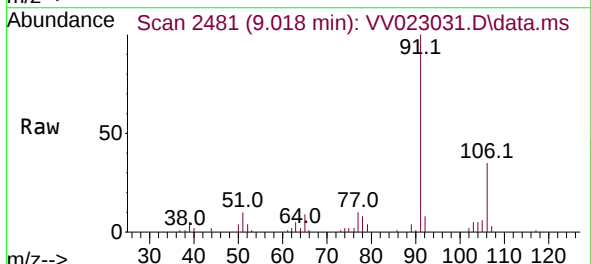


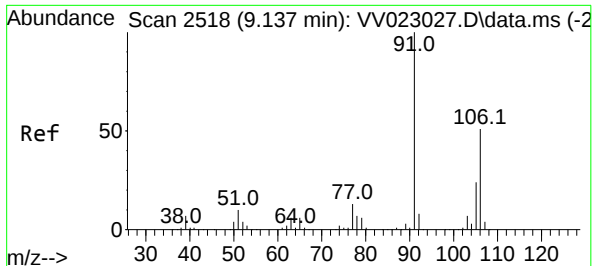
Tgt Ion: 43	Resp: 8517
Ion Ratio	Lower Upper
43 100	
58 55.1	43.7 65.5
57 1.3	14.1 21.1#
100 9.3	10.2 15.2#



#52
Ethylbenzene
Concen: 0.679 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion: 91	Resp: 25046		
Ion Ratio	Lower	Upper	
91 100			
106 35.2	22.5	41.9	

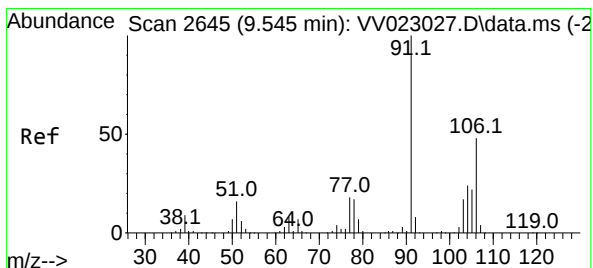
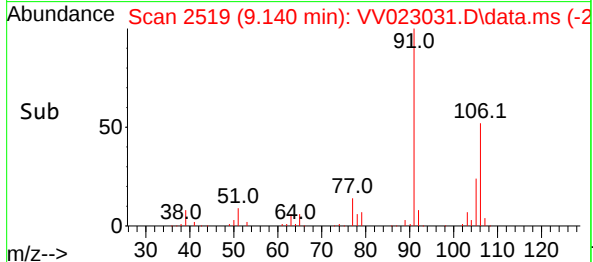
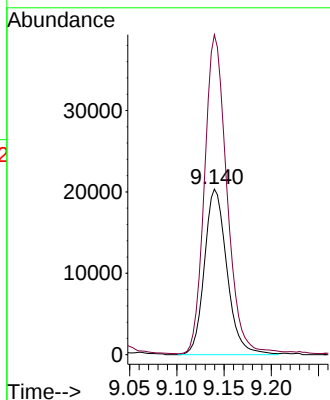
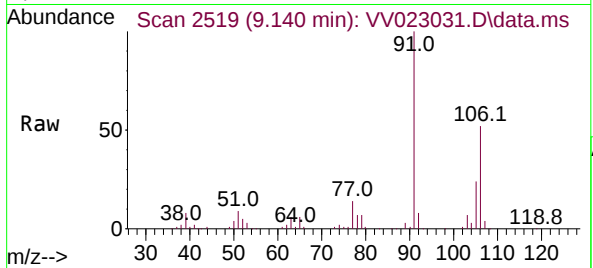




#53
m,p-xylene
Concen: 2.281 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

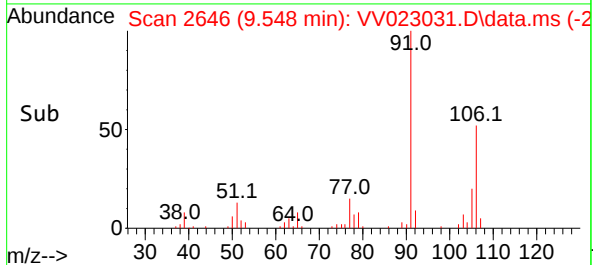
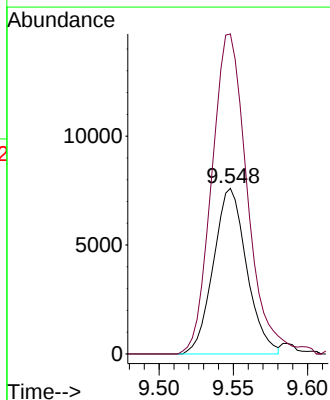
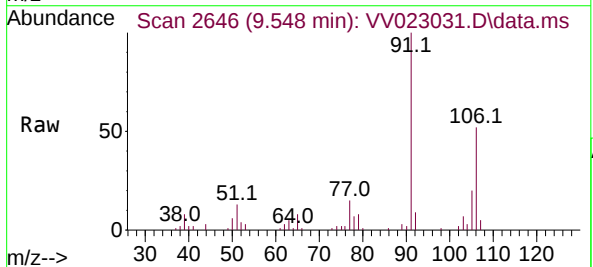
Instrument :
MSVOA_V
ClientSampleId :

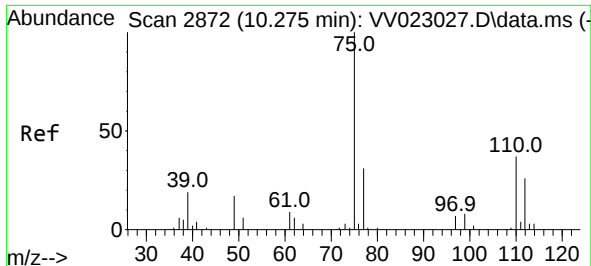
Tgt Ion:106 Resp: 33719
Ion Ratio Lower Upper
106 100
91 193.3 137.2 254.8



#54
o-xylene
Concen: 0.851 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion:106 Resp: 11848
Ion Ratio Lower Upper
106 100
91 193.2 148.3 275.5

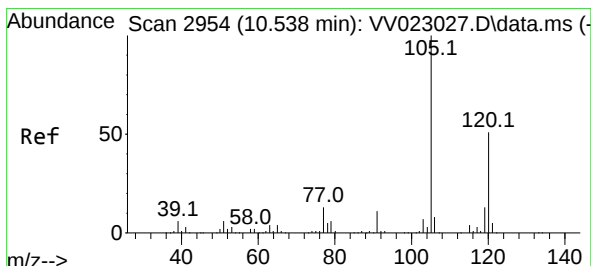
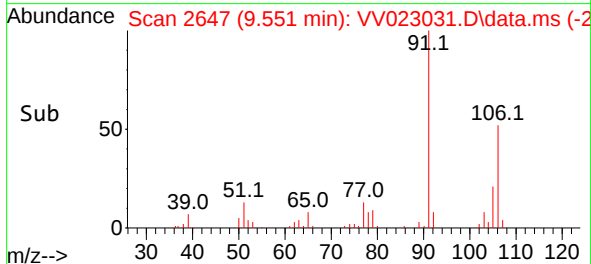
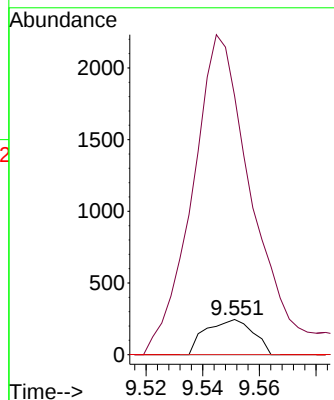
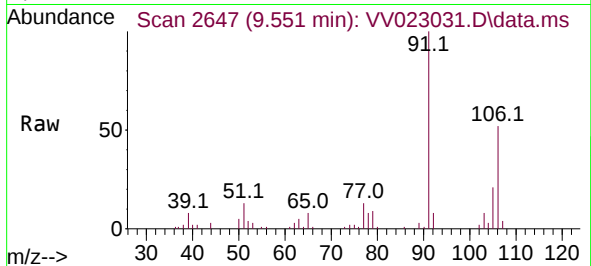




#61
 1,2,3-Trichloropropane
 Concen: 0.065 ug/L
 RT: 9.551 min Scan# 21
 Delta R.T. -0.724 min
 Lab File: VV023031.D
 Acq: 26 Oct 2021 12:05

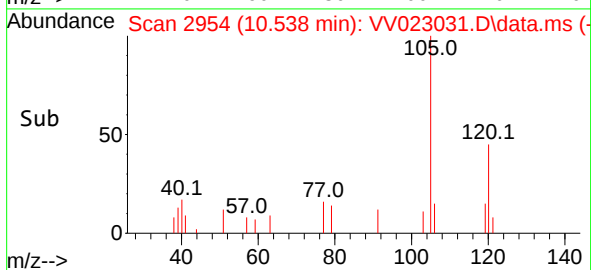
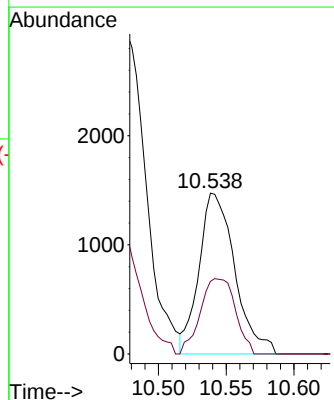
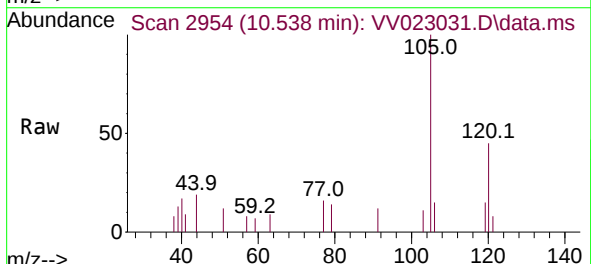
Instrument :
 MSVOA_V
 ClientSampleId :

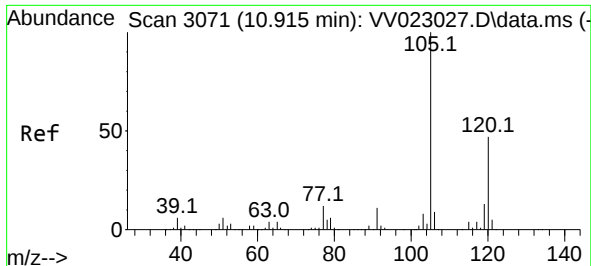
Tgt Ion: 75 Resp: 284
 Ion Ratio Lower Upper
 75 100
 77 1177.1 26.6 39.8#
 110 0.0 31.8 47.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.107 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV023031.D
 Acq: 26 Oct 2021 12:05

Tgt Ion: 105 Resp: 2711
 Ion Ratio Lower Upper
 105 100
 120 45.7 39.7 59.5

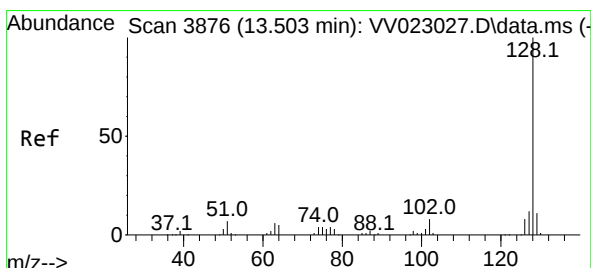
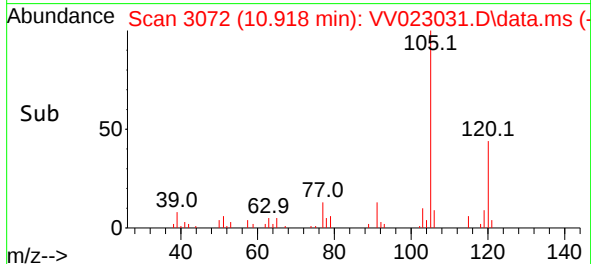
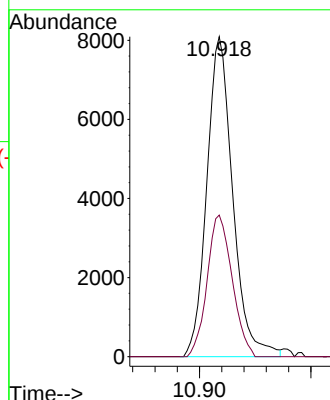
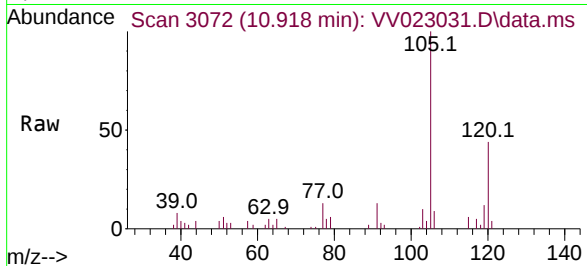




#63
1,2,4-Trimethylbenzene
Concen: 0.517 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 13074
Ion Ratio Lower Upper
105 100
120 42.7 37.4 56.2



#71
Naphthalene
Concen: 0.365 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023031.D
Acq: 26 Oct 2021 12:05

Tgt Ion:128 Resp: 5248
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 11.2 10.5 15.7

