

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005669.D
 Acq On : 16 Aug 2021 14:45
 Operator : SY/MD
 Sample : M3407-19RE
 Misc : 7.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 28NRE

Quant Time: Aug 17 05:19:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106223	59.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.860%
35) Dibromofluoromethane	7.728	113	87289	53.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.185	98	352273	51.755	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.483	95	79916	35.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.920%

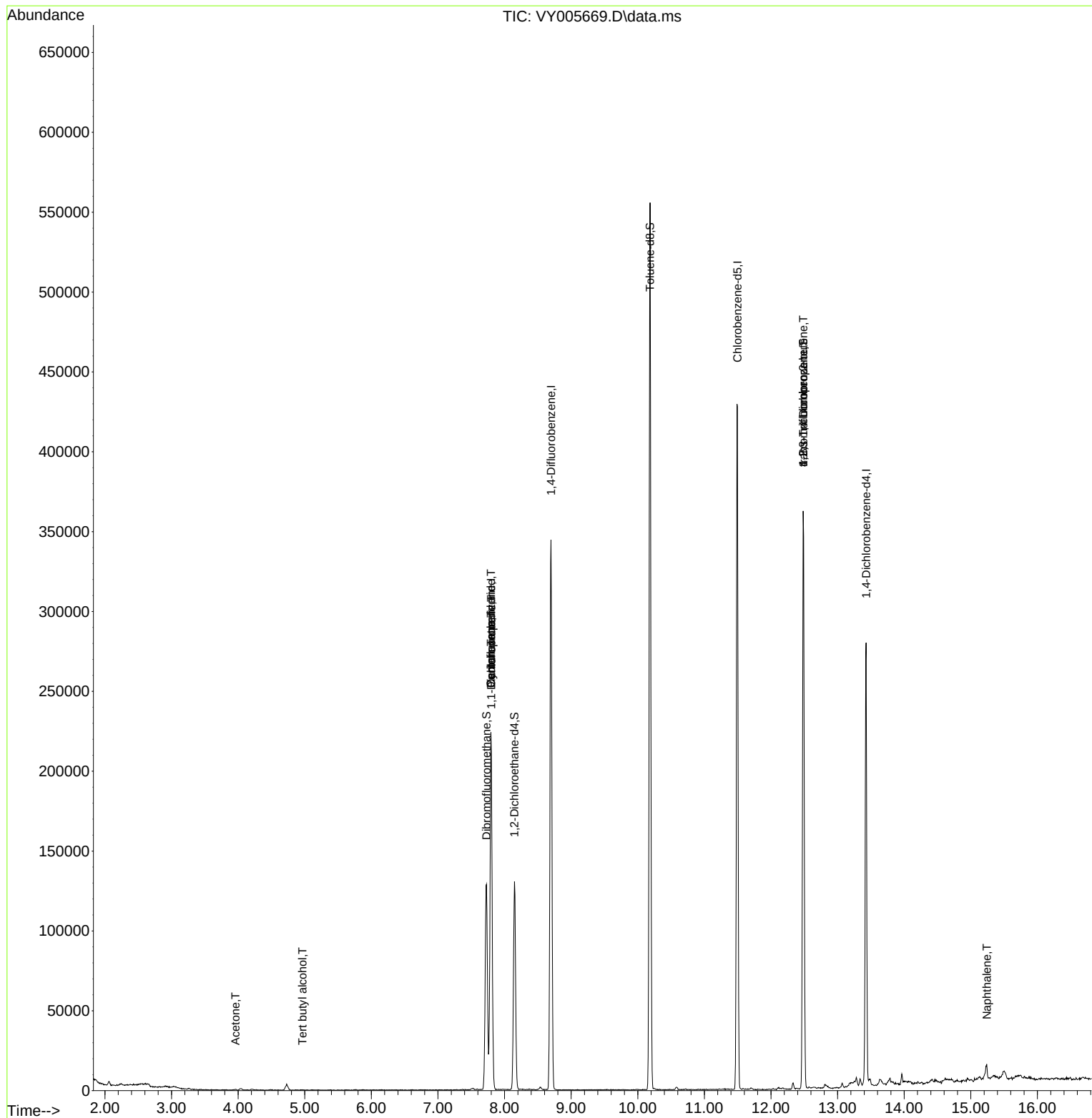
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	396	2.260	ug/l #	73
16) Acetone	3.960	43	713	1.596	ug/l #	84
20) Methylene Chloride	4.729	84	2369	Below Cal	#	87
31) Cyclohexane	7.795	56	3428	1.128	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	12971	4.771	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16143	5.463	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45013	62.157	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45013	125.301	ug/l #	11
95) Naphthalene	15.239	128	5293	1.892	ug/l #	95

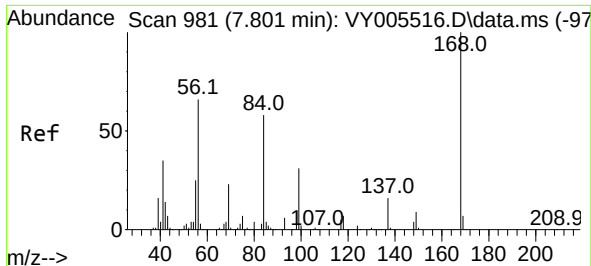
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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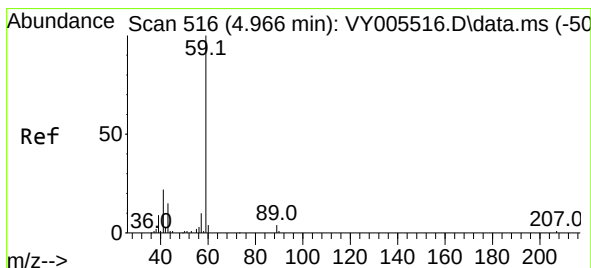
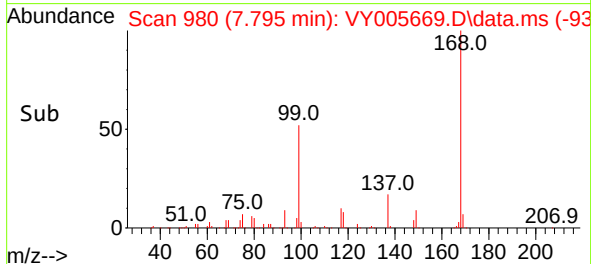
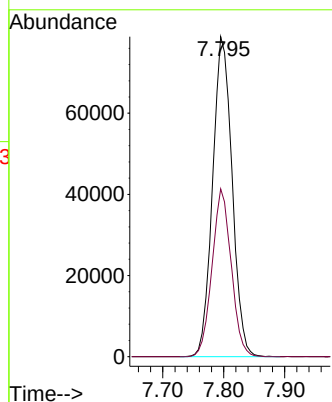
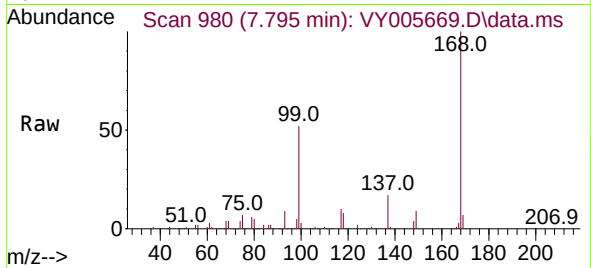




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

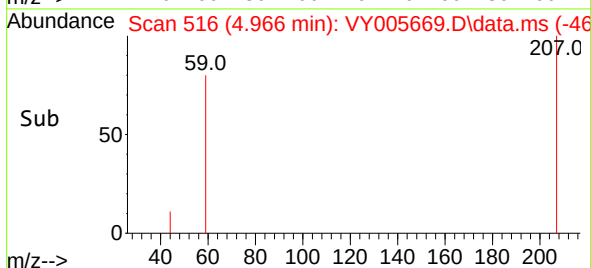
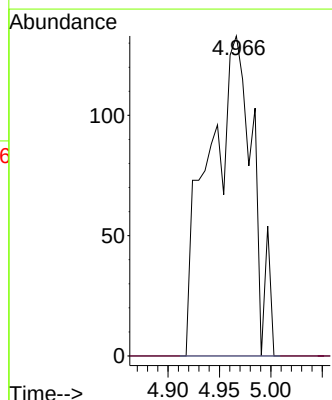
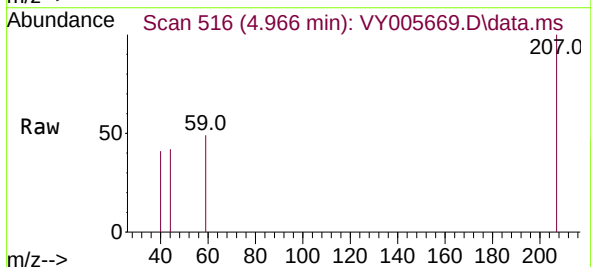
Instrument :
MSVOA_Y
ClientSampleId :
28NRE

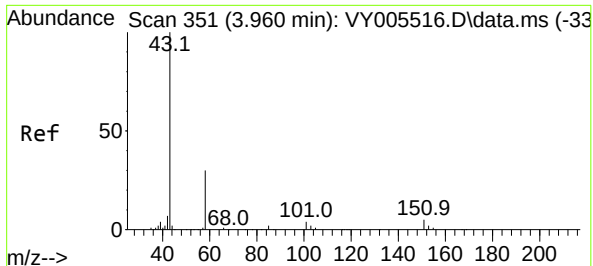
Tgt Ion:168 Resp: 175094
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.260 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

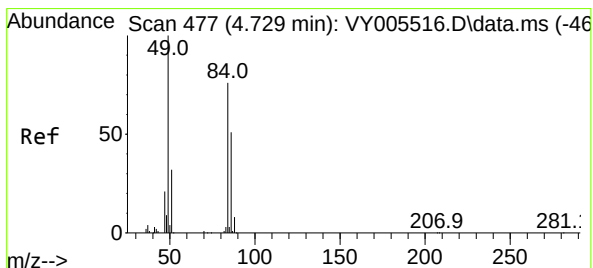
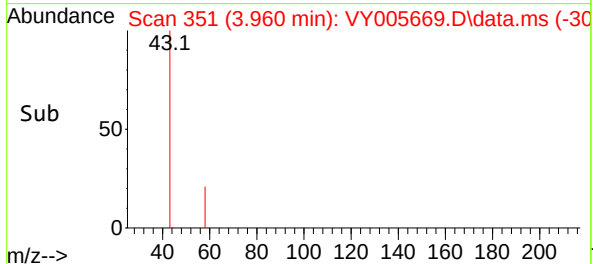
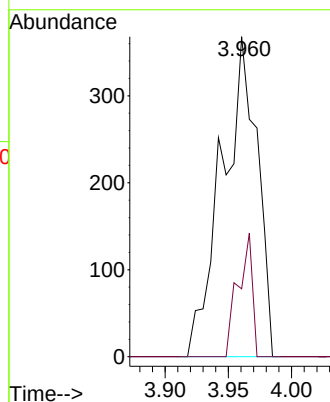
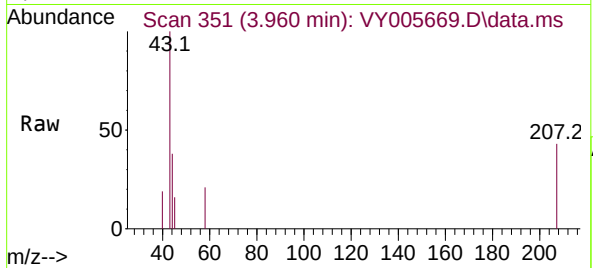




#16
Acetone
Concen: 1.596 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

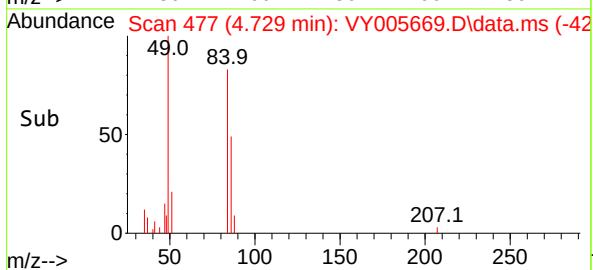
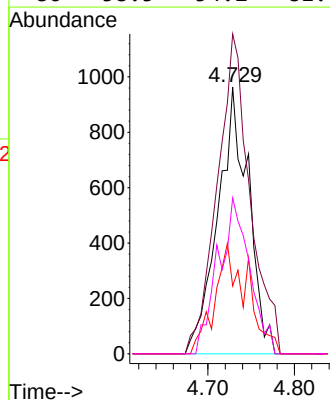
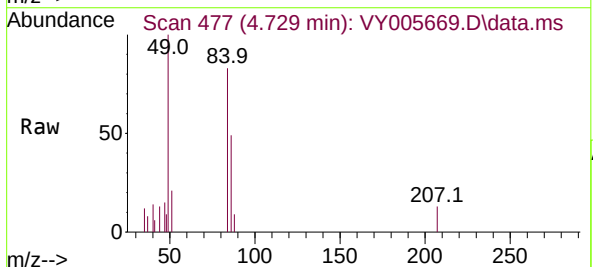
Instrument :
MSVOA_Y
ClientSampled :
28NRE

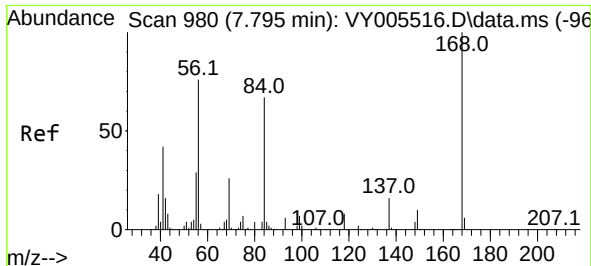
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 21.2 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 84 Resp: 2369
Ion Ratio Lower Upper
84 100
49 119.9 105.8 158.6
51 25.4 33.4 50.2#
86 58.5 54.2 81.4

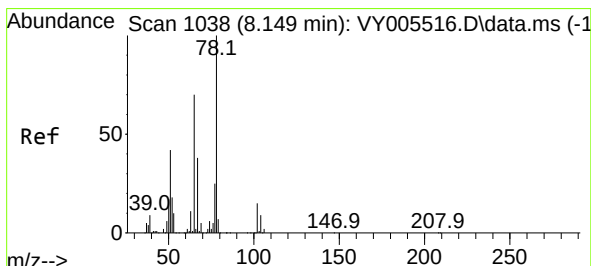
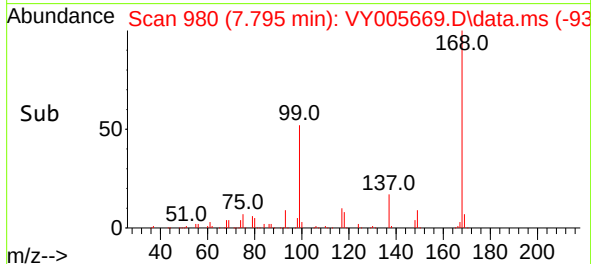
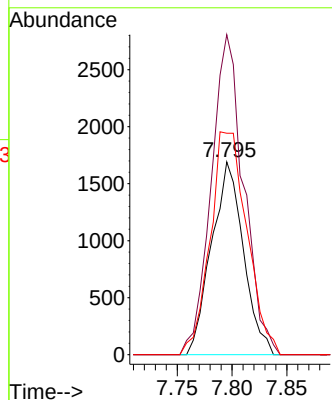
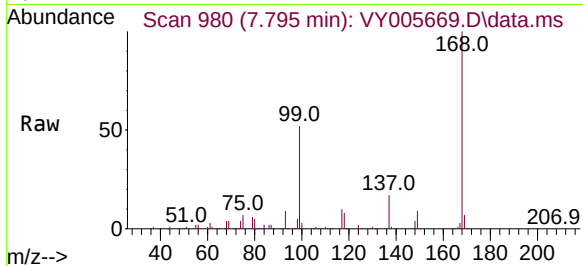




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

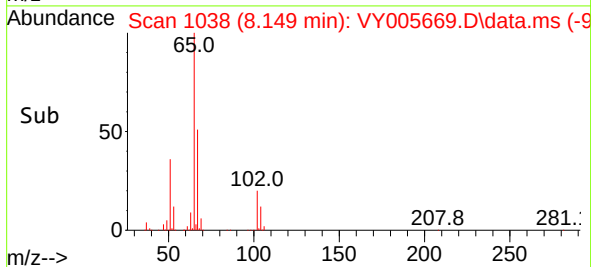
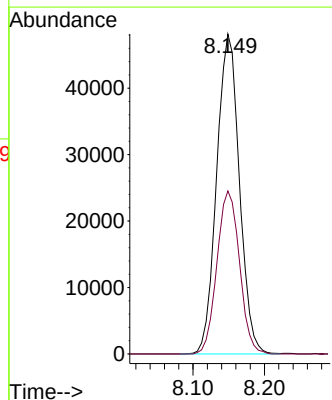
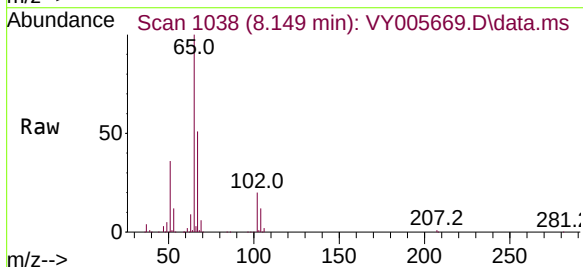
Instrument :
MSVOA_Y
ClientSampleId :
28NRE

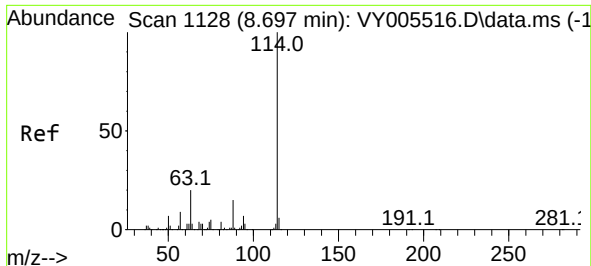
Tgt Ion: 56 Resp: 3428
Ion Ratio Lower Upper
56 100
69 165.9 27.7 41.5#
84 114.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 59.932 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 65 Resp: 106223
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4

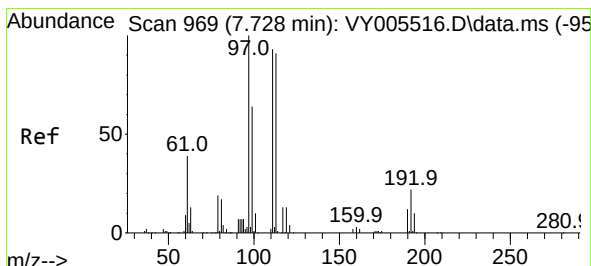
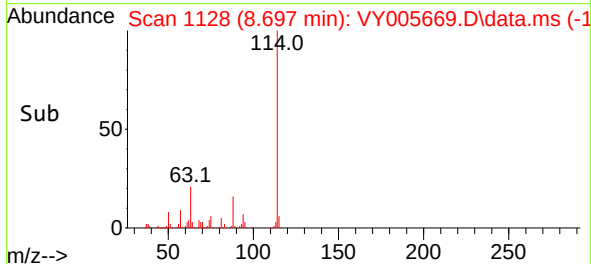
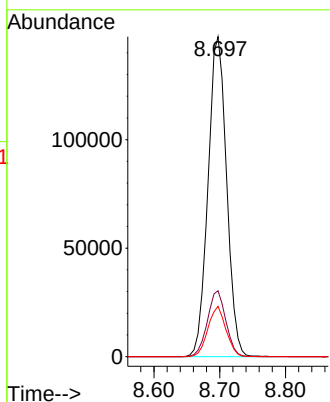
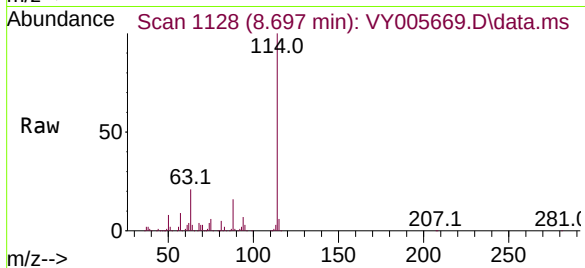




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

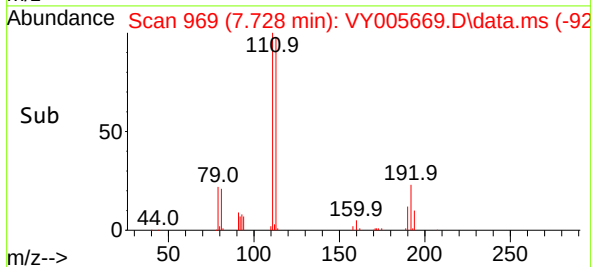
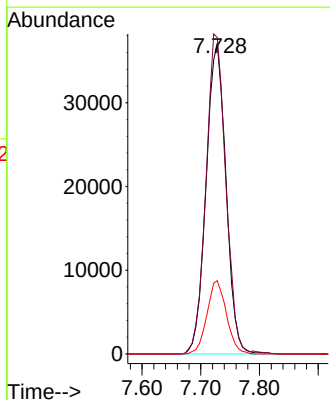
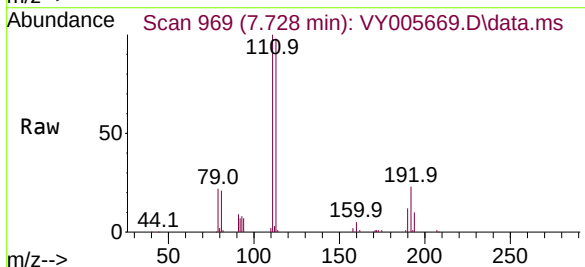
Instrument :
MSVOA_Y
ClientSampleId :
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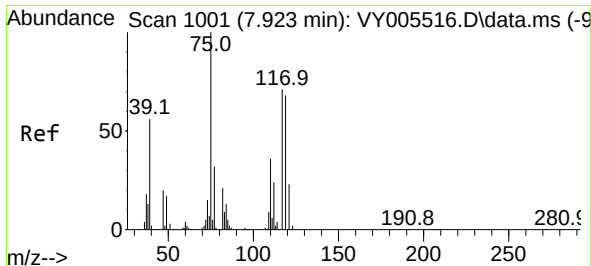
Tgt Ion:114 Resp: 289876
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.784 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

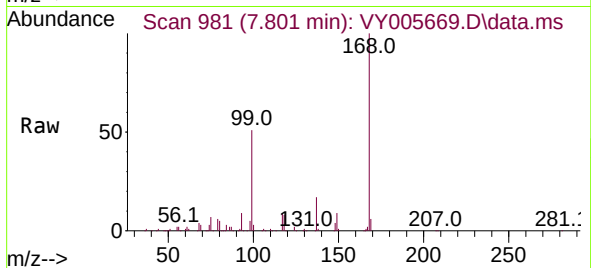
Tgt Ion:113 Resp: 87289
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 23.1 19.2 28.8



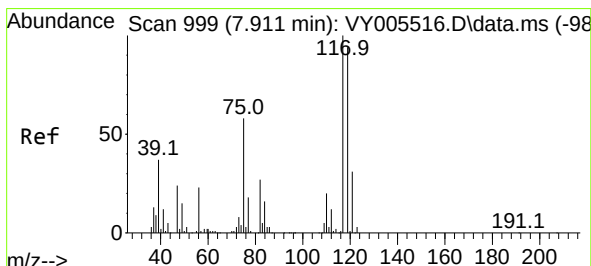
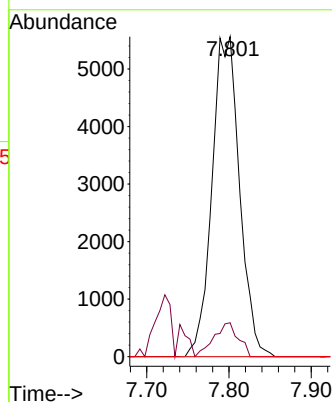
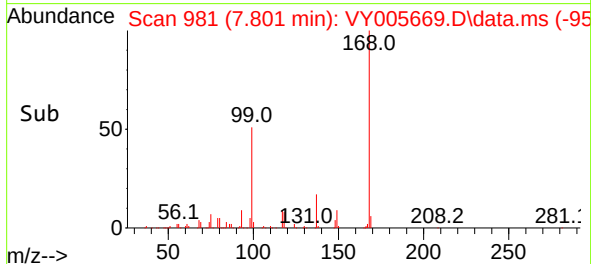


#36
 1,1-Dichloropropene
 Concen: 4.771 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005669.D
 Acq: 16 Aug 2021 14:45

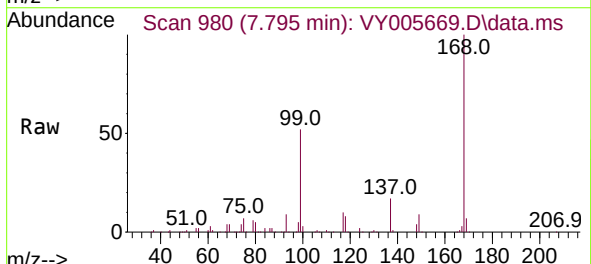
Instrument :
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 ClientSampleId :
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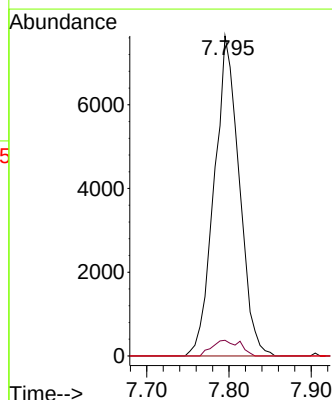
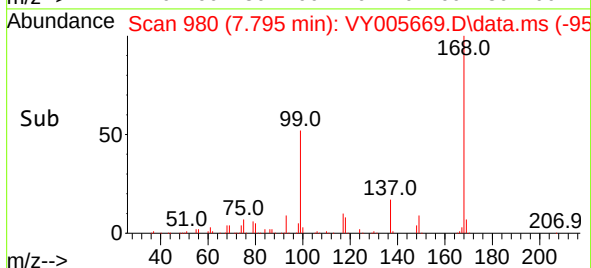
Tgt Ion: 75	Resp: 12971
Ion Ratio	Lower Upper
75 100	
110 9.4	18.1 54.1#
77 0.0	25.1 37.7#

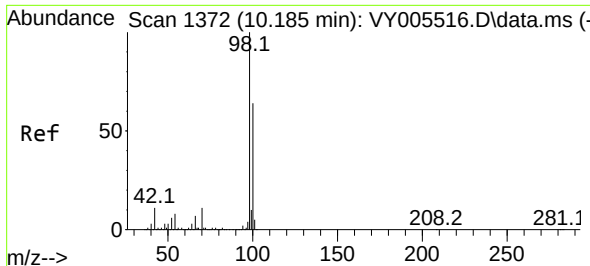


#38
 Carbon Tetrachloride
 Concen: 5.463 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005669.D
 Acq: 16 Aug 2021 14:45



Tgt Ion: 117	Resp: 16143
Ion Ratio	Lower Upper
117 100	
119 4.9	75.4 113.0#
121 0.0	25.1 37.7#

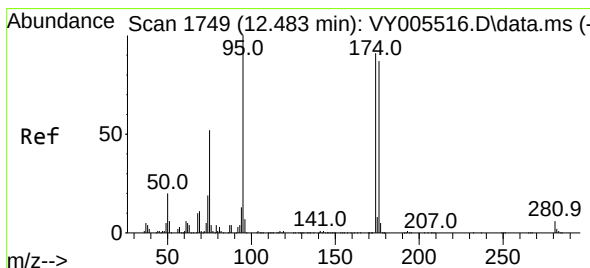
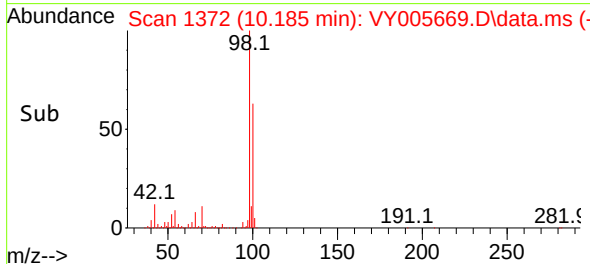
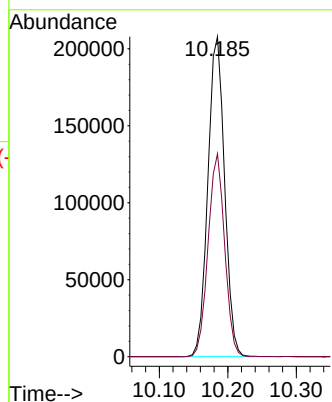
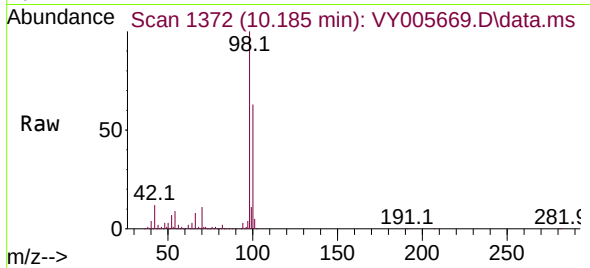




#50
Toluene-d8
Concen: 51.755 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

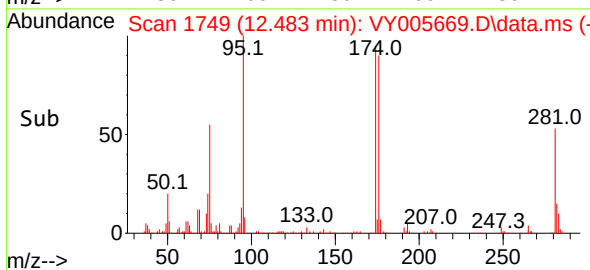
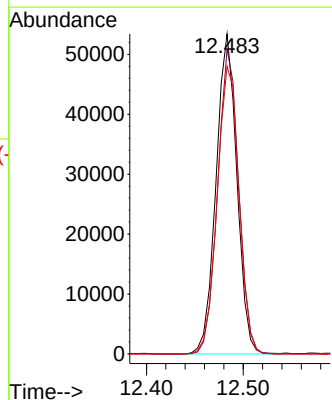
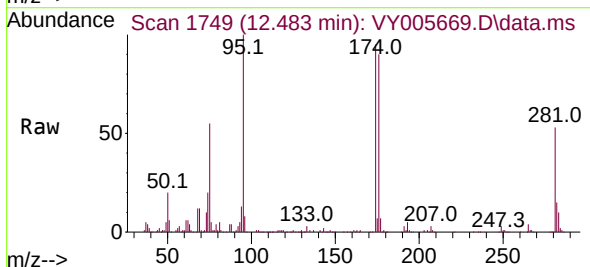
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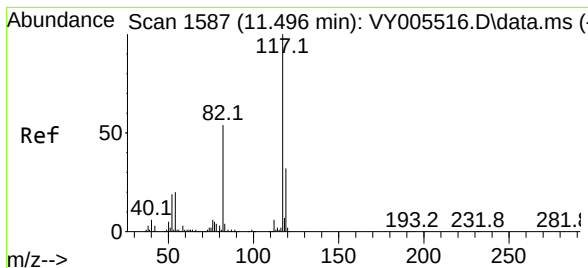
Tgt Ion: 98 Resp: 352273
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 95 Resp: 79916
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.4
176 94.0 0.0 183.6

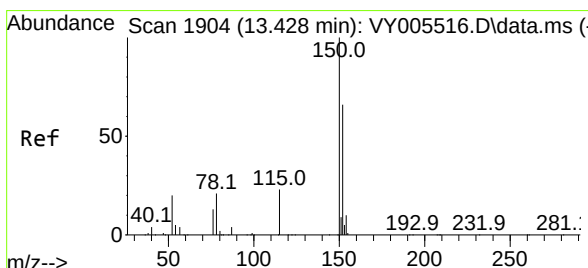
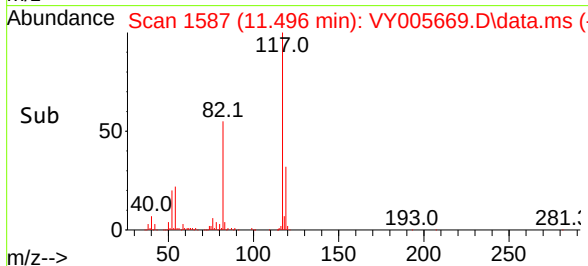
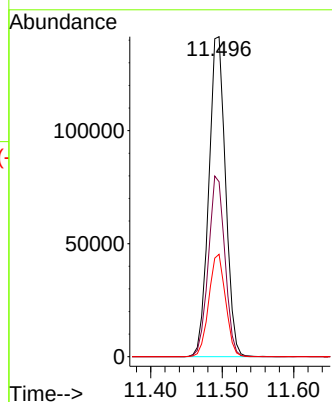
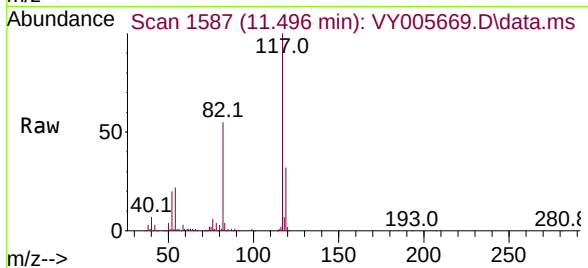




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

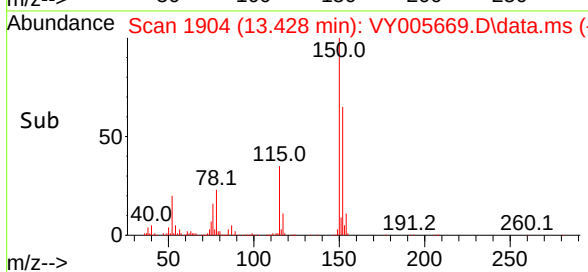
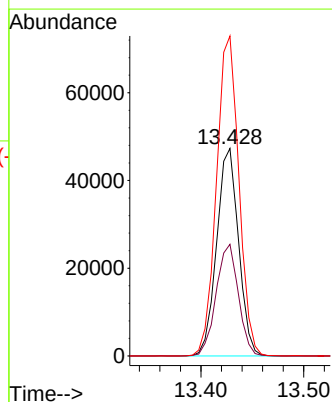
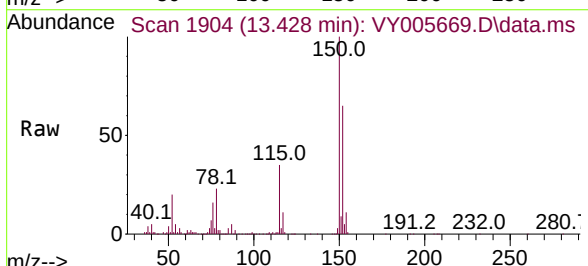
Instrument :
MSVOA_Y
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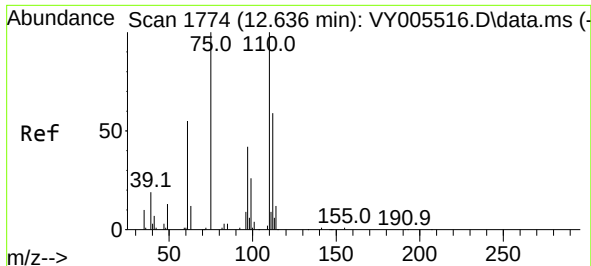
Tgt Ion:117 Resp: 229675
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion:152 Resp: 69882
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 157.7 0.0 350.2

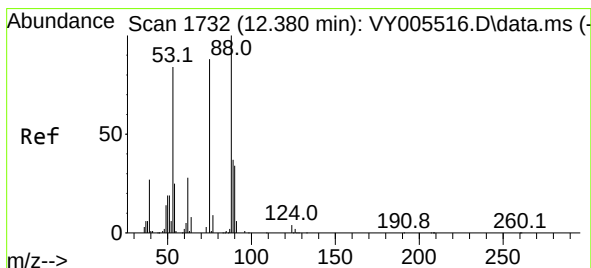
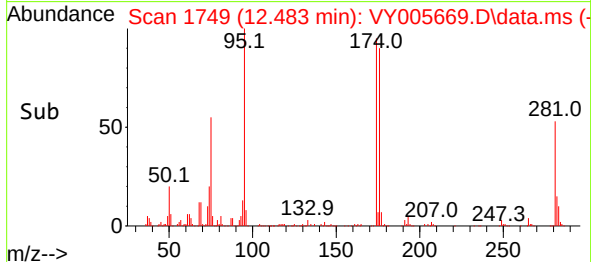
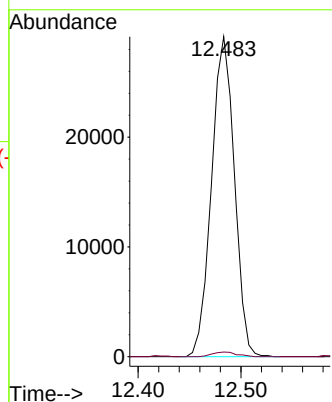
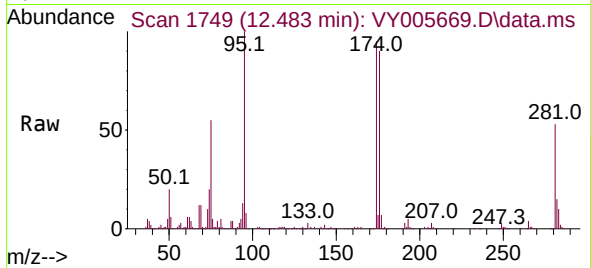




#76
1,2,3-Trichloropropane
Concen: 62.157 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

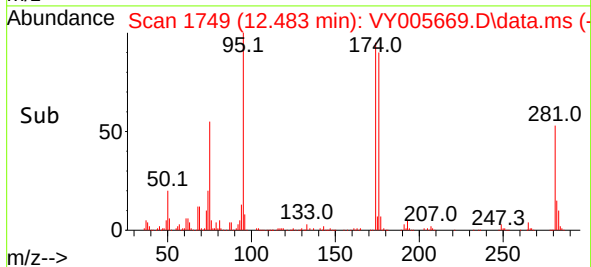
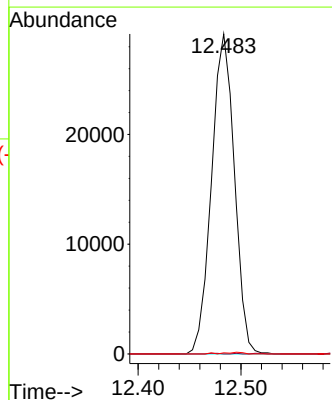
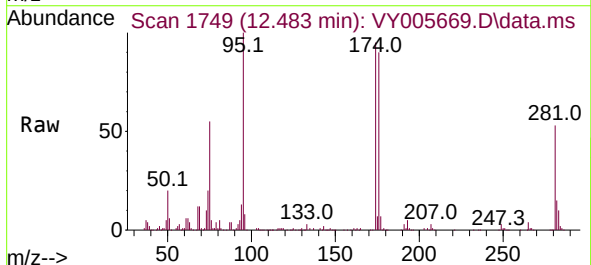
Instrument :
MSVOA_Y
ClientSampled :
28NRE

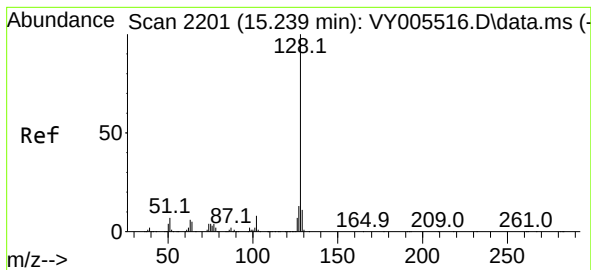
Tgt Ion: 75 Resp: 45013
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.301 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Tgt Ion: 75 Resp: 45013
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#





#95
Naphthalene
Concen: 1.892 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005669.D
Acq: 16 Aug 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :
28NRE

Tgt Ion:128 Resp: 5293
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 13.7 8.7 13.1#

