

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007615.D
 Acq On : 24 Feb 2022 11:16
 Operator : SY/MD
 Sample : VY0224SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 25 05:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

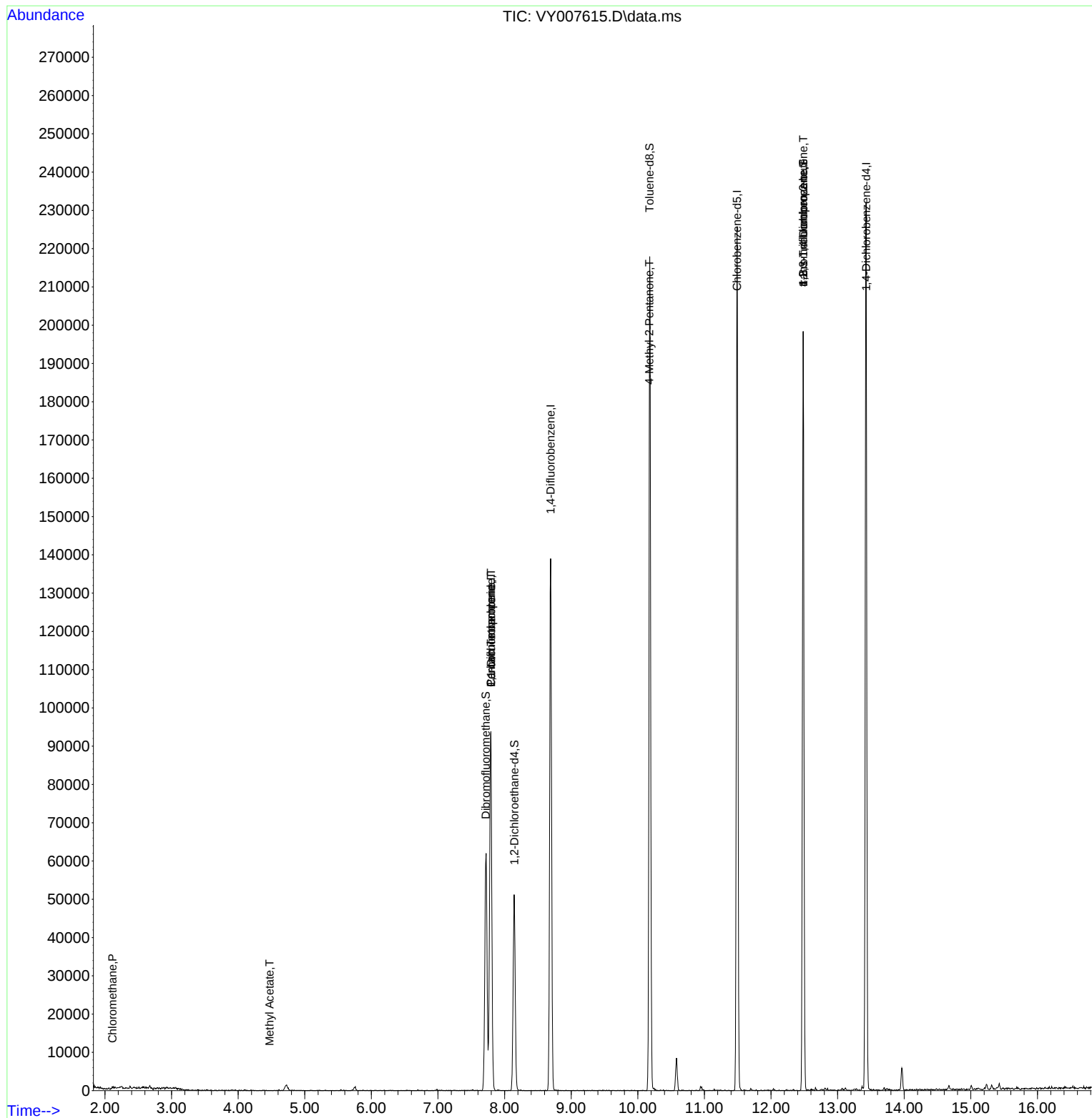
Internal Standards						
1) Pentafluorobenzene	7.795	168	74822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	40084	48.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.716	113	39654	52.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.179	98	140854	50.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.483	95	51374	53.470	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.940%
Target Compounds			Qvalue			
3) Chloromethane	2.113	50	265	1.039	ug/l #	44
5) Bromomethane	2.668	94	180	Below Cal		98
18) Methyl Acetate	4.472	43	19	1.288	ug/l #	56
20) Methylene Chloride	4.716	84	1268	Below Cal	#	63
31) Cyclohexane	7.783	56	1736	Below Cal	#	54
36) 1,1-Dichloropropene	7.795	75	5206	4.754	ug/l #	54
38) Carbon Tetrachloride	7.795	117	7318	4.564	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	578	1.141	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31127	53.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31127	114.347	ug/l #	7

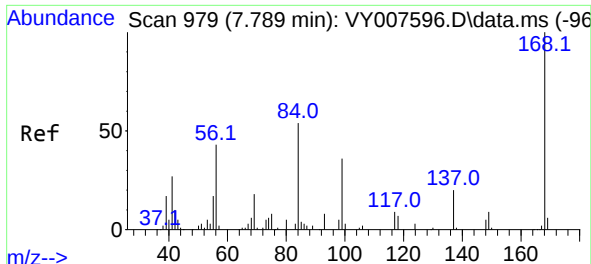
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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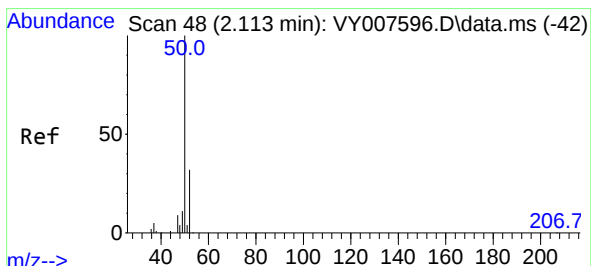
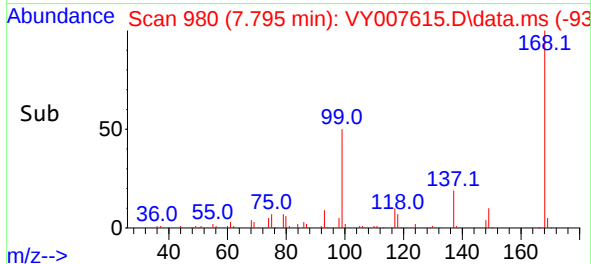
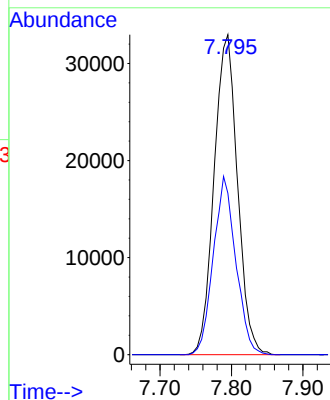
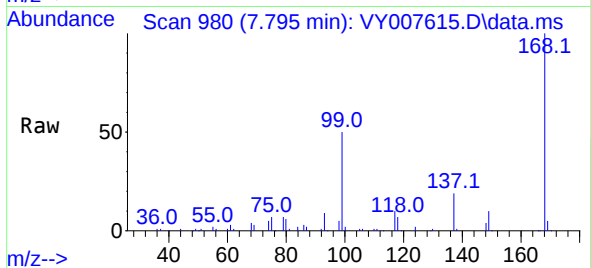




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

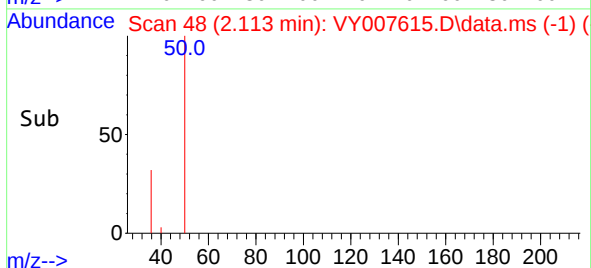
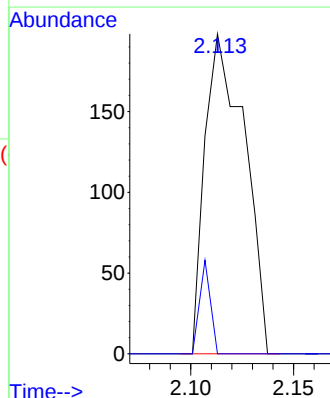
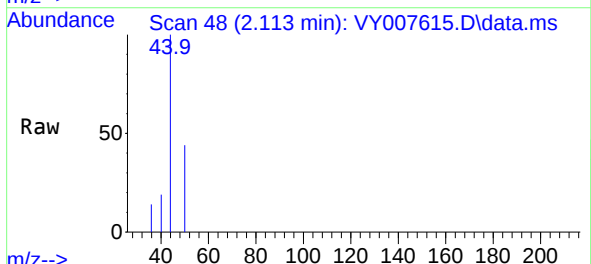
Instrument :
MSVOA_Y
ClientSampleId :

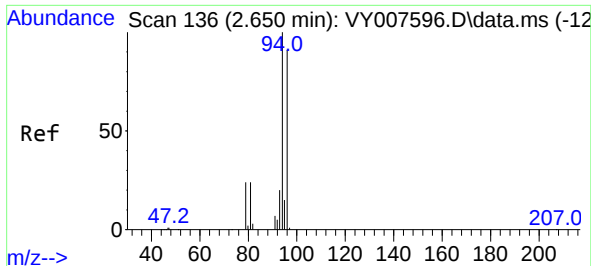
Tgt Ion:168 Resp: 74822
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#3
Chloromethane
Concen: 1.039 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion: 50 Resp: 265
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

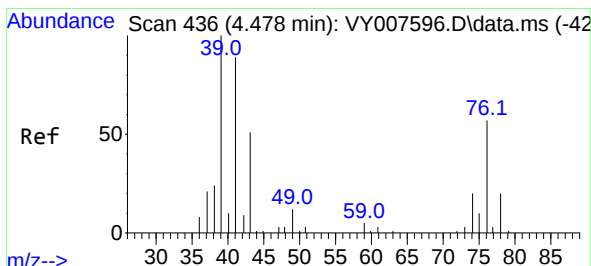
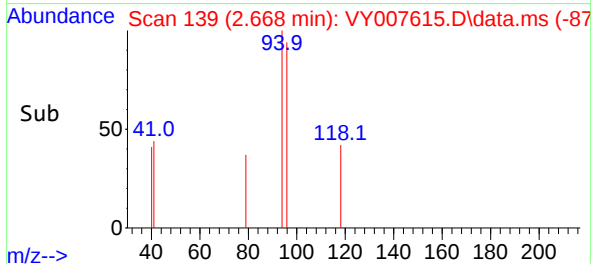
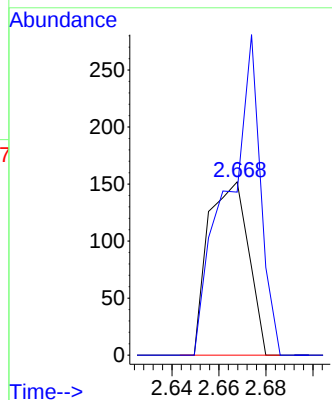
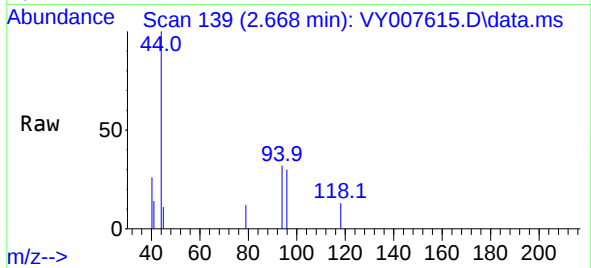




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

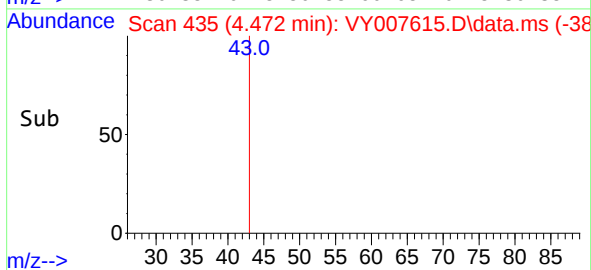
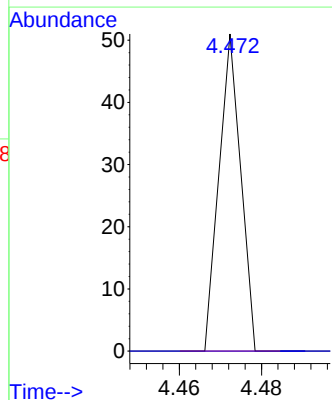
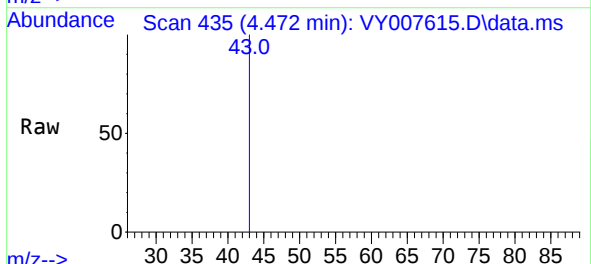
Instrument :
MSVOA_Y
ClientSampleId :

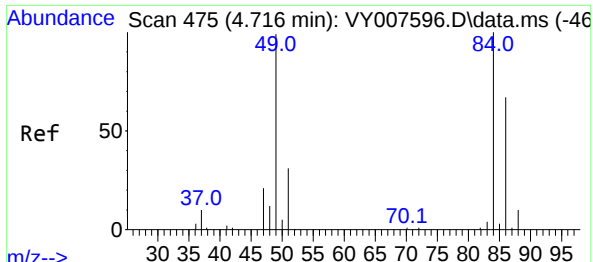
Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#18
Methyl Acetate
Concen: 1.288 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

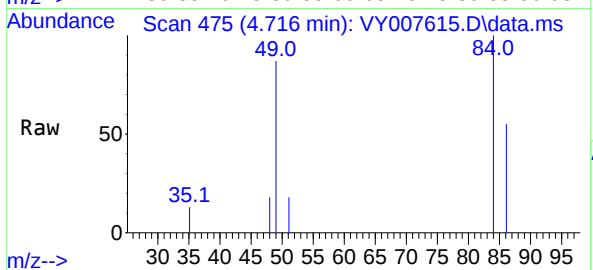
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





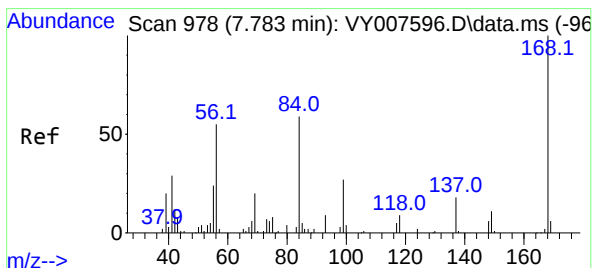
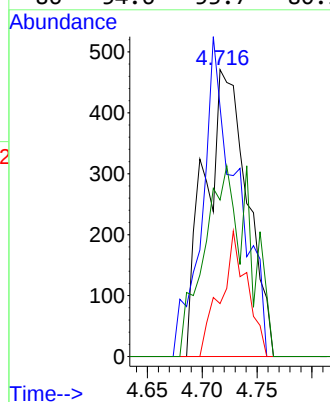
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1268

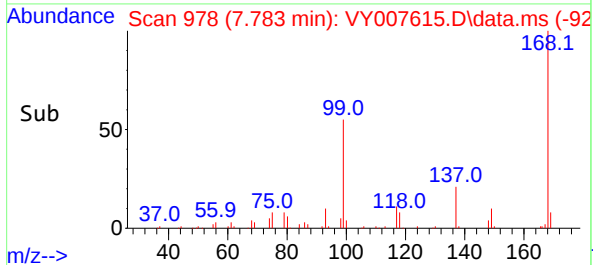
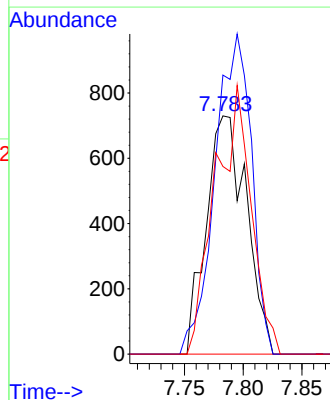
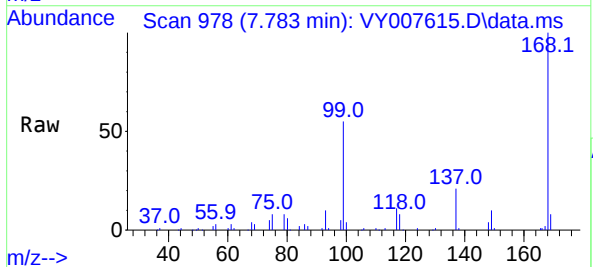
Ion	Ratio	Lower	Upper
84	100		
49	87.0	114.4	171.6#
51	18.5	35.3	52.9#
86	54.6	53.7	80.5

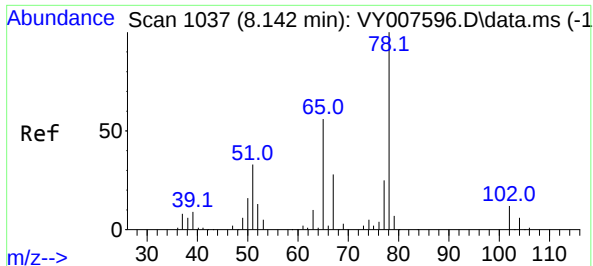


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion: 56 Resp: 1736

Ion	Ratio	Lower	Upper
56	100		
69	117.1	26.7	40.1#
84	78.8	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 48.157 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007615.D

Acq: 24 Feb 2022 11:16

Instrument :

MSVOA_Y

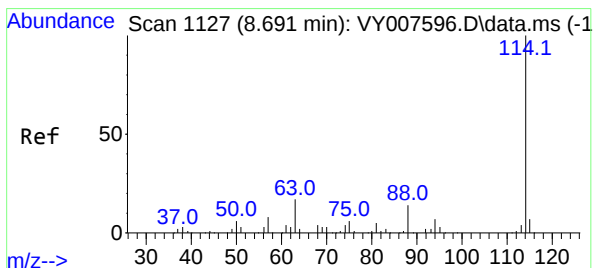
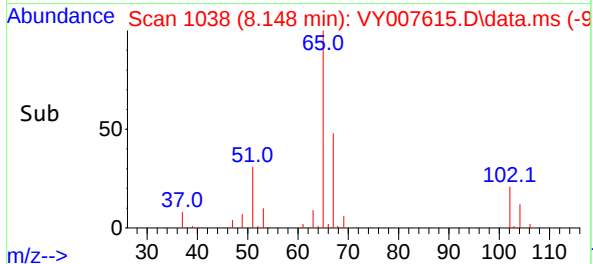
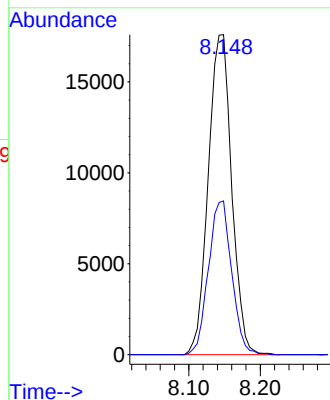
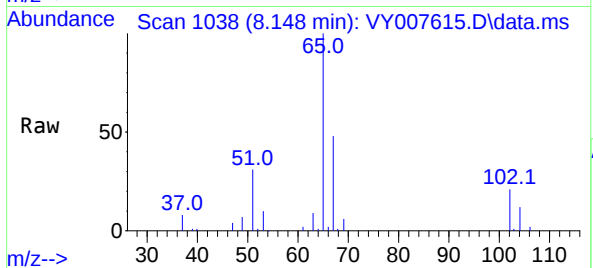
ClientSampleId :

Tgt Ion: 65 Resp: 40084

Ion Ratio Lower Upper

65 100

67 47.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007615.D

Acq: 24 Feb 2022 11:16

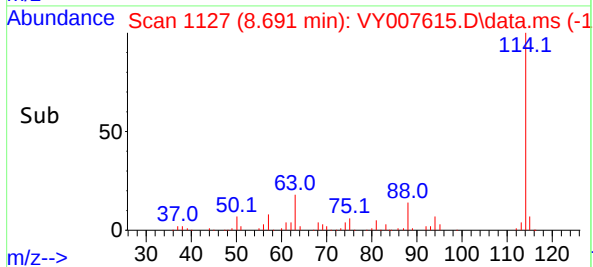
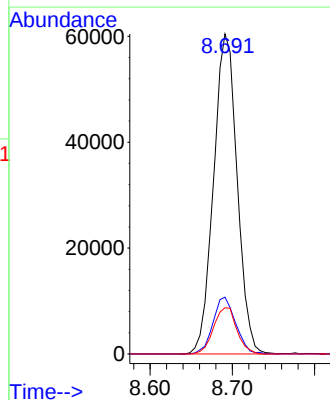
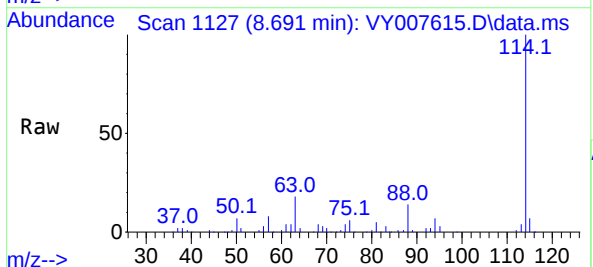
Tgt Ion: 114 Resp: 120424

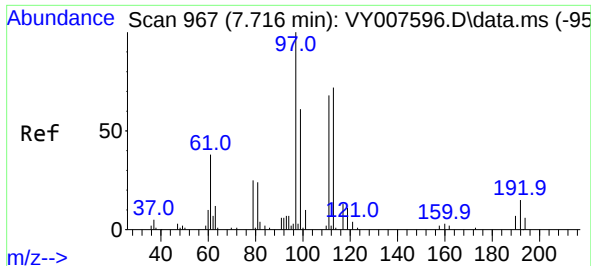
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

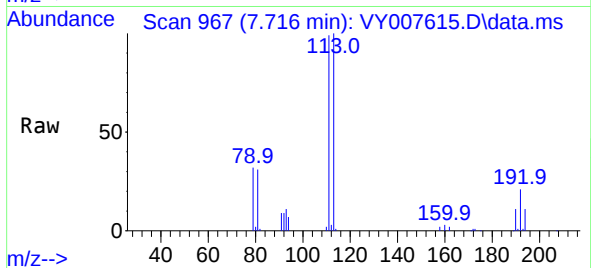
88 14.5 0.0 31.8



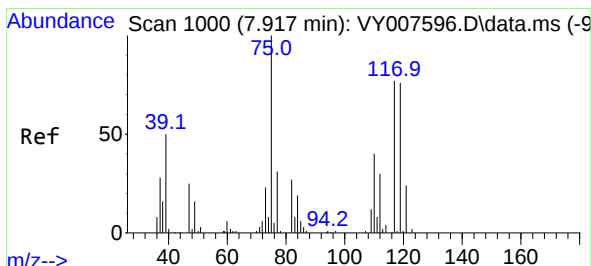
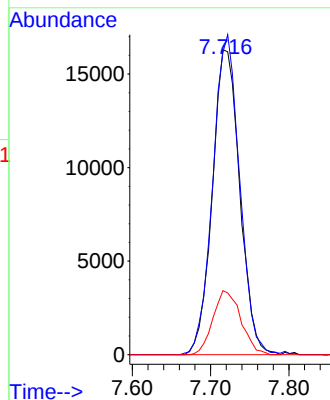
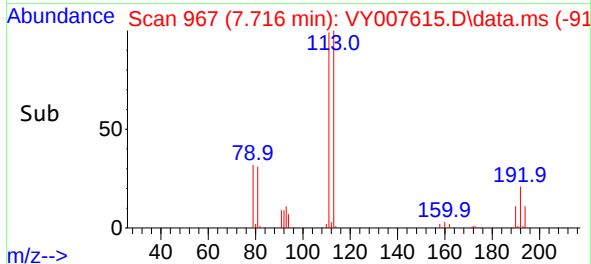


#35
Dibromofluoromethane
Concen: 52.186 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

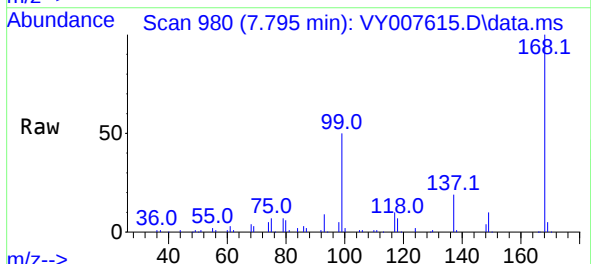
Instrument :
MSVOA_Y
ClientSampleId :



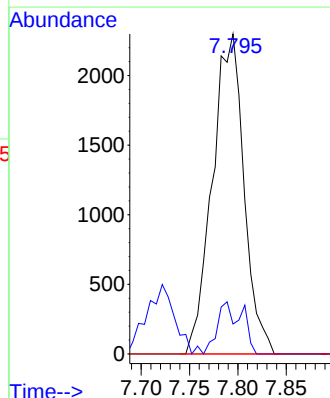
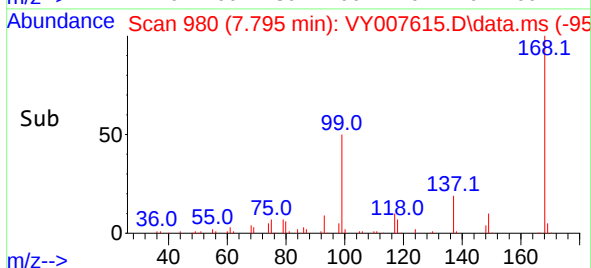
Tgt Ion:113 Resp: 39654
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.3 17.6 26.4

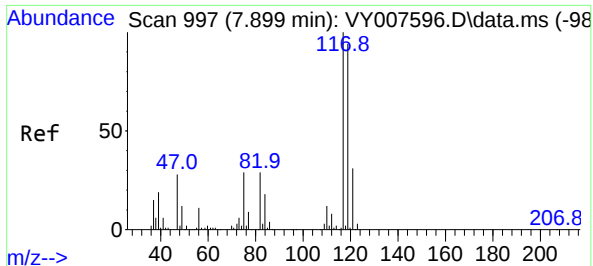


#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16



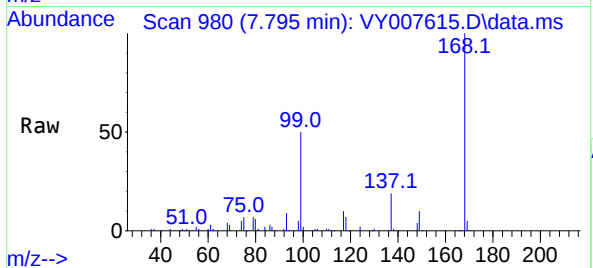
Tgt Ion: 75 Resp: 5206
Ion Ratio Lower Upper
75 100
110 12.6 17.1 51.2#
77 0.0 24.4 36.6#



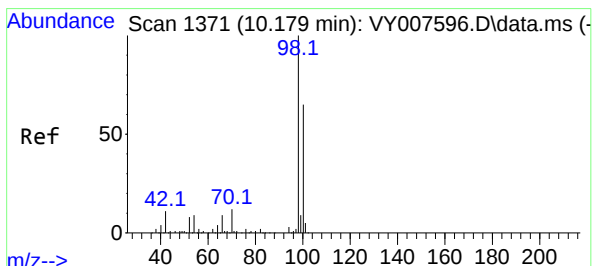
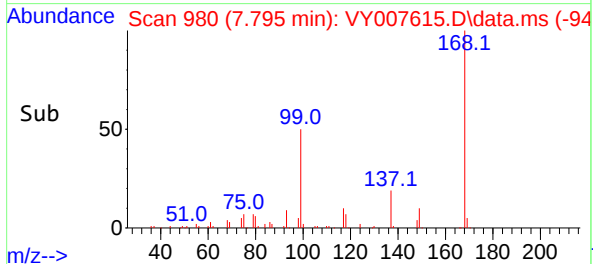
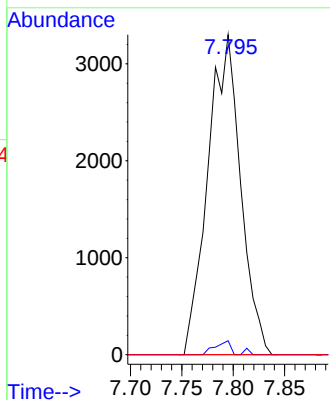


#38
Carbon Tetrachloride
Concen: 4.564 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :

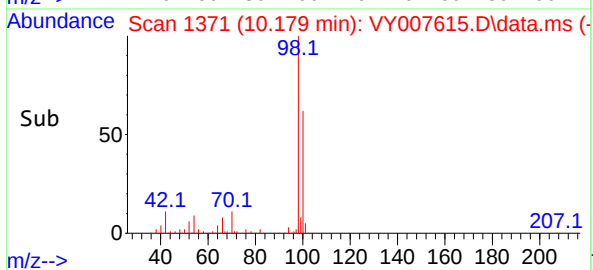
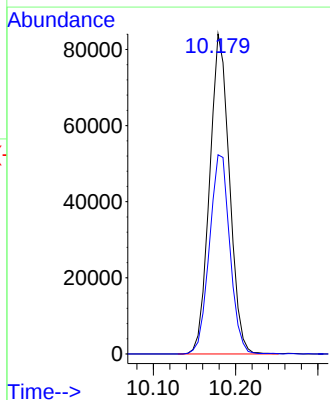
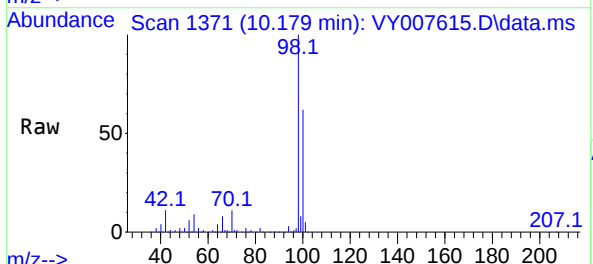


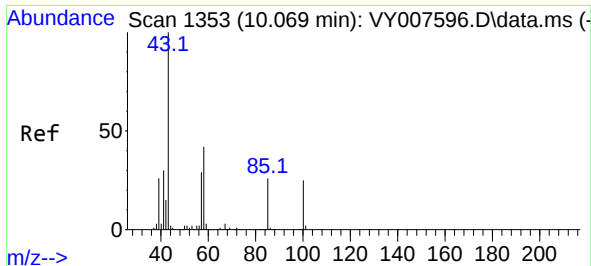
Tgt Ion:117 Resp: 7318
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.095 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion: 98 Resp: 140854
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

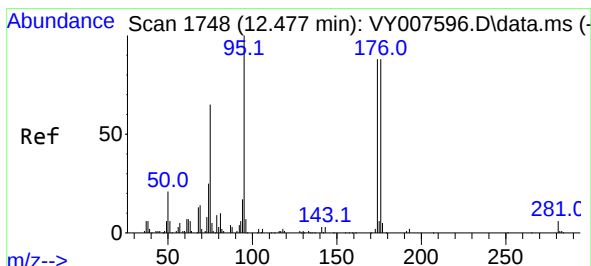
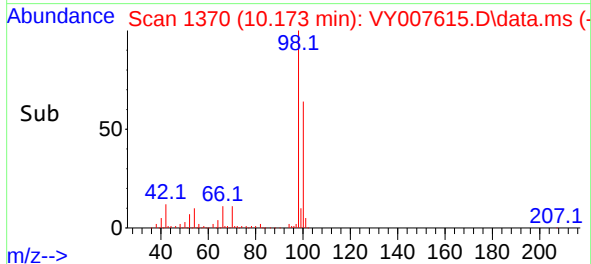
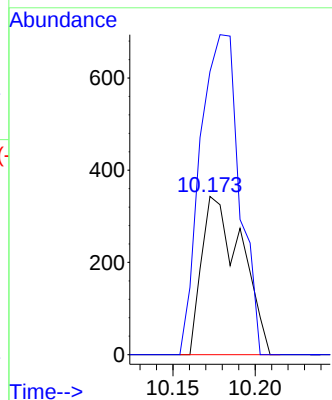
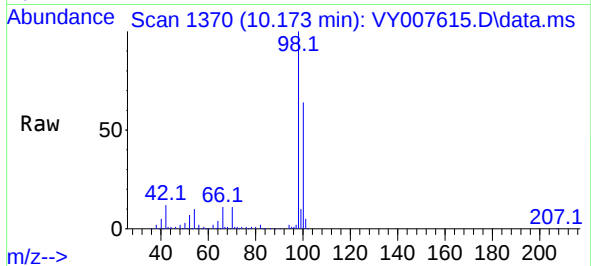




#51
4-Methyl-2-Pentanone
Concen: 1.141 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

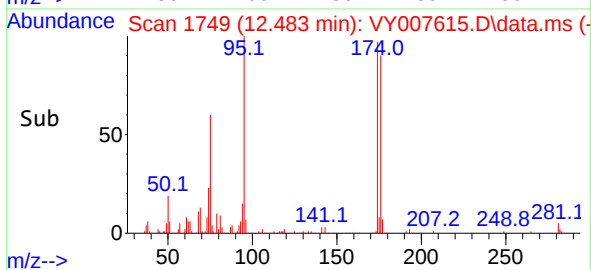
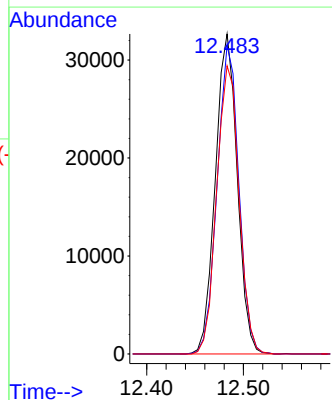
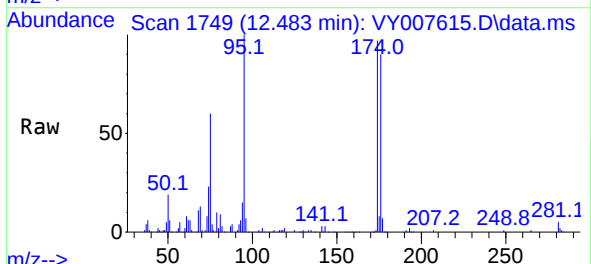
Instrument :
MSVOA_Y
ClientSampleId :

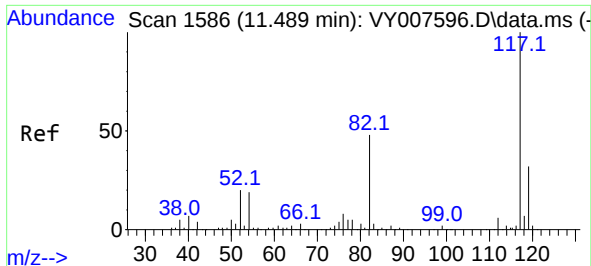
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 199.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.470 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

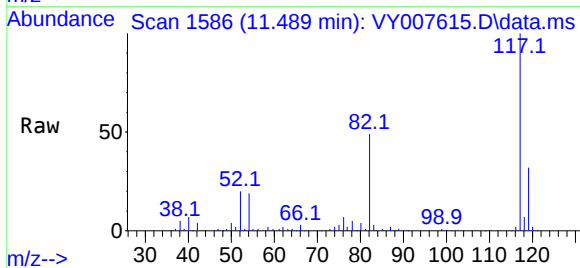
Tgt Ion: 95 Resp: 51374
Ion Ratio Lower Upper
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174 95.2 0.0 177.0
176 91.8 0.0 175.8



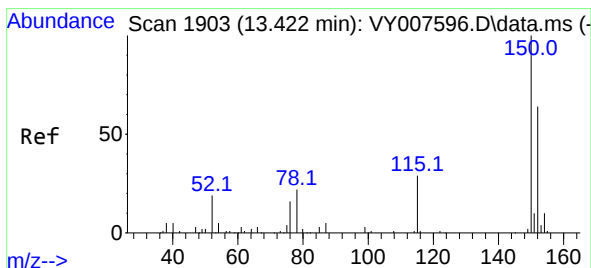
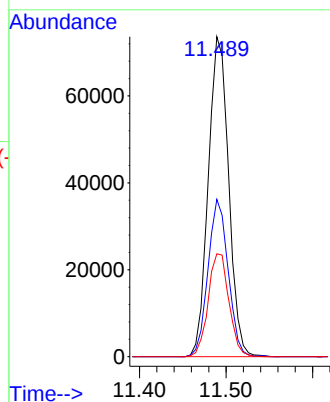
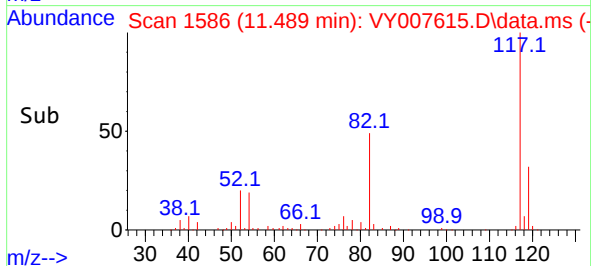


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :

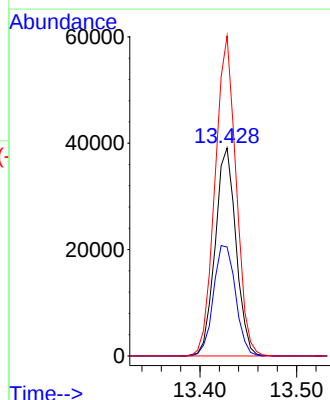
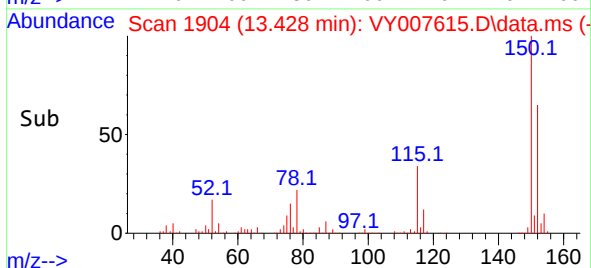
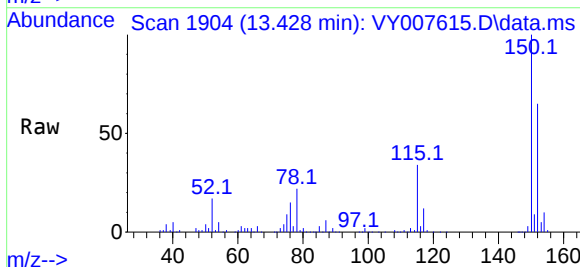


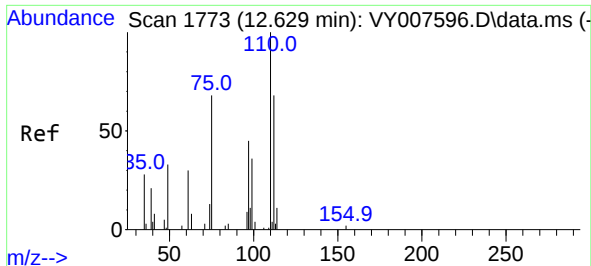
Tgt Ion:117 Resp: 120258
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion:152 Resp: 58522
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.0 0.0 347.6

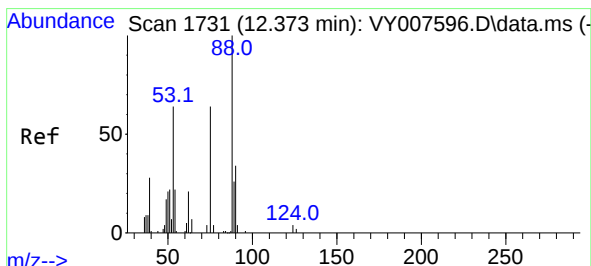
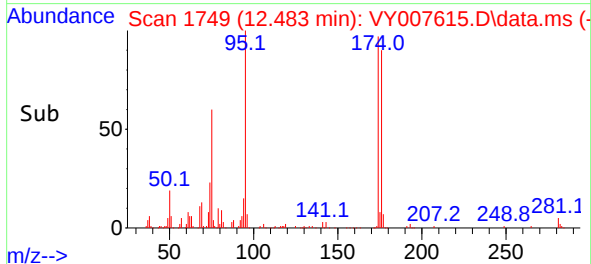
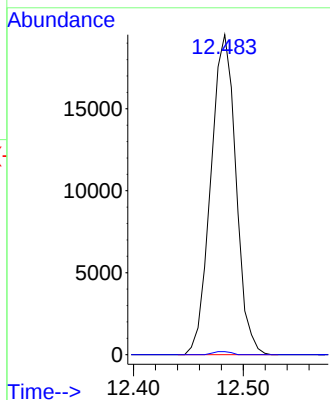
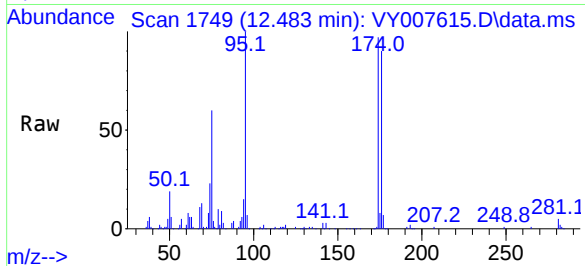




#76
1,2,3-Trichloropropane
Concen: 53.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31127
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion: 75 Resp: 31127
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

