

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020285.D
 Acq On : 13 Nov 2024 16:02
 Operator : SY/MD
 Sample : P4821-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 00:59:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

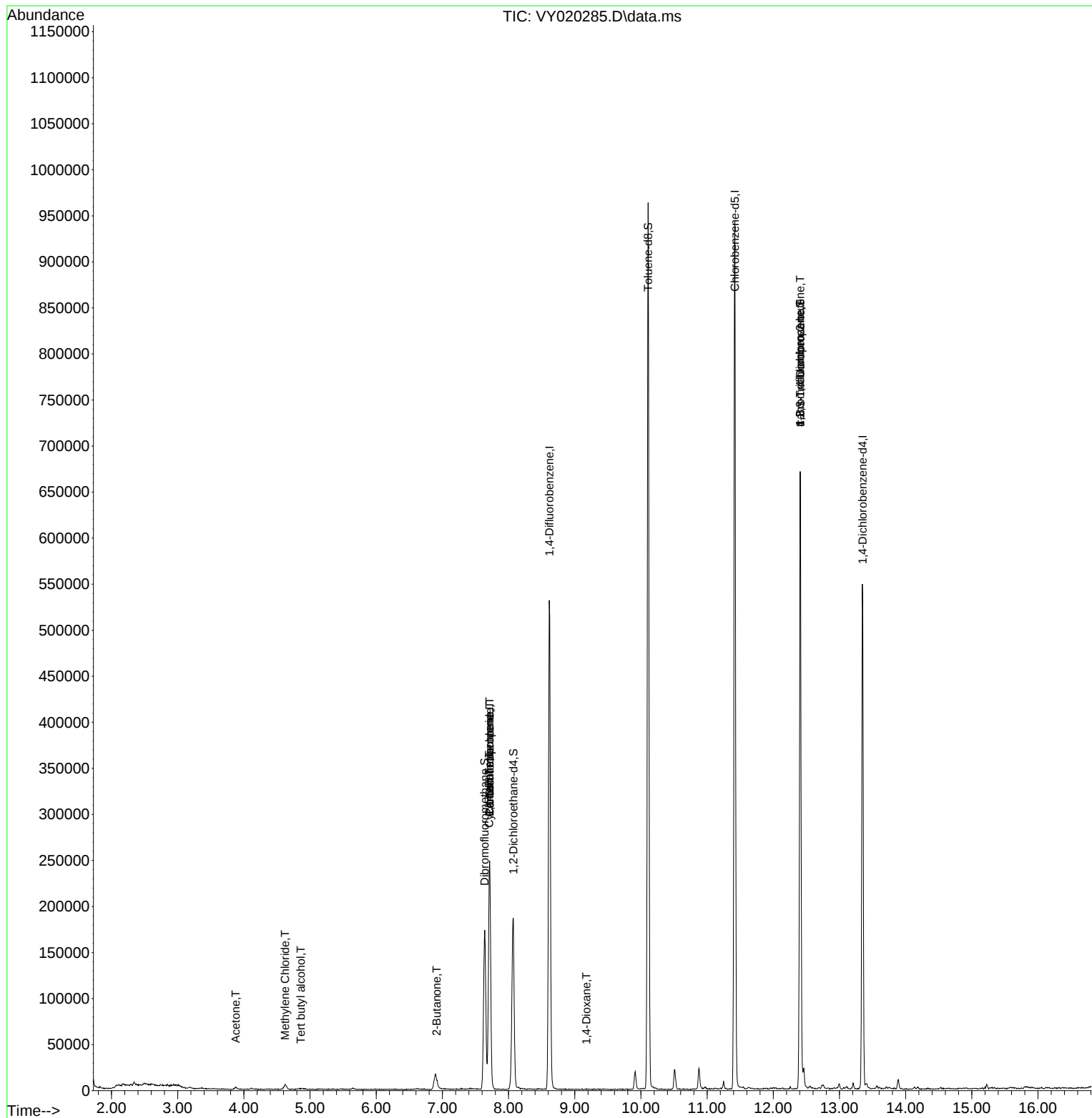
Internal Standards						
1) Pentafluorobenzene	7.713	168	176553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	436355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	478823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	121490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	146438	66.457	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.920%	
35) Dibromofluoromethane	7.640	113	122116	44.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.040%	
50) Toluene-d8	10.109	98	594101	53.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.407	95	194858	54.324	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	849	5.357	ug/l	# 88
16) Acetone	3.878	43	3759	7.336	ug/l	# 69
20) Methylene Chloride	4.622	84	3071	1.334	ug/l	# 67
25) 2-Butanone	6.914	43	2569	3.698	ug/l	# 69
31) Cyclohexane	7.707	56	5599	1.400	ug/l	# 54
36) 1,1-Dichloropropene	7.713	75	18024	4.206	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	20289	4.708	ug/l	# 16
49) 1,4-Dioxane	9.176	88	20	1.198	ug/l	# 20
76) 1,2,3-Trichloropropane	12.407	75	109046	95.752	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	109046	205.959	ug/l	# 16

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

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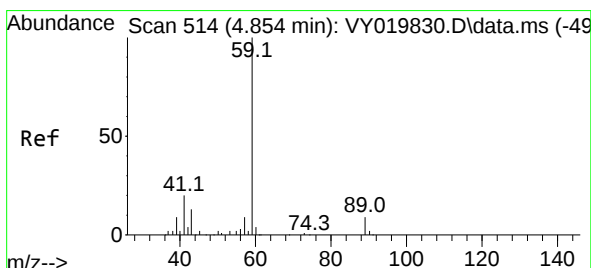
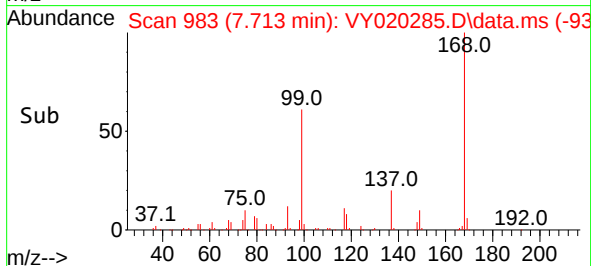
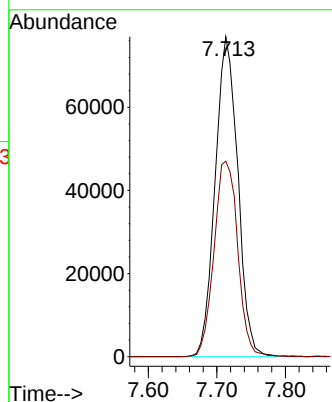
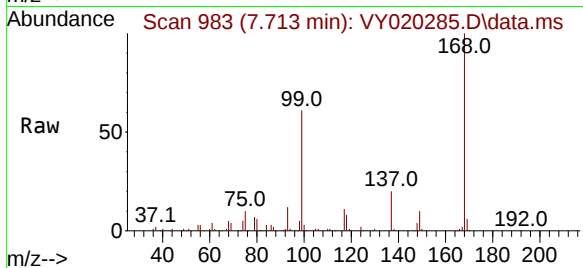




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

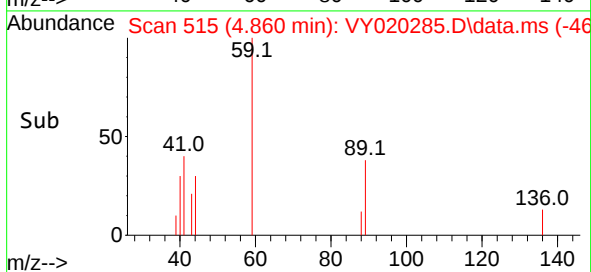
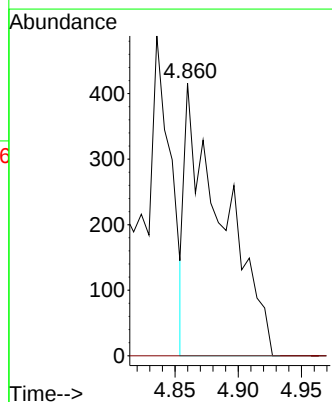
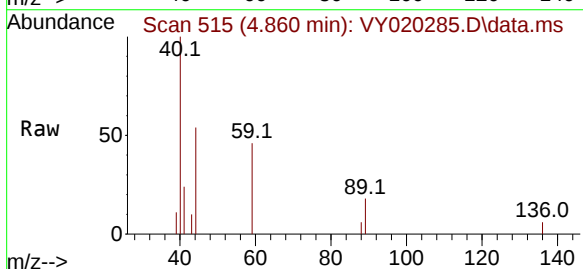
Instrument :
MSVOA_Y
ClientSampleId :

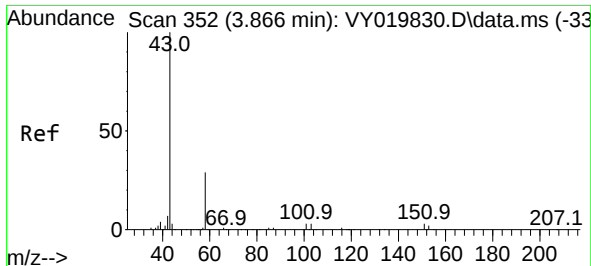
Tgt Ion:168 Resp: 176553
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 5.357 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

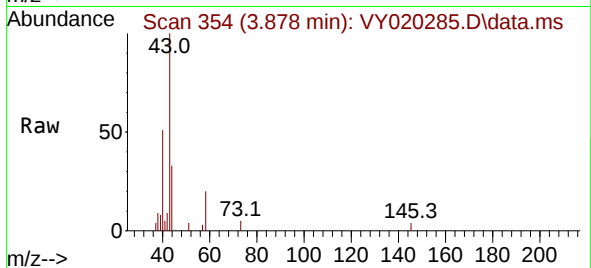
Tgt Ion: 59 Resp: 849
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



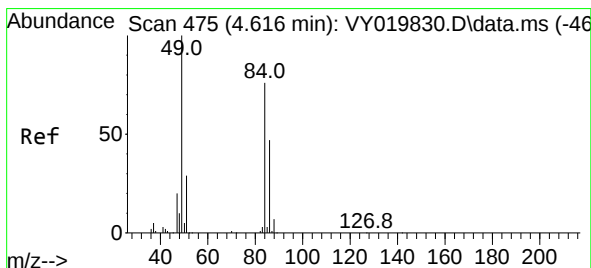
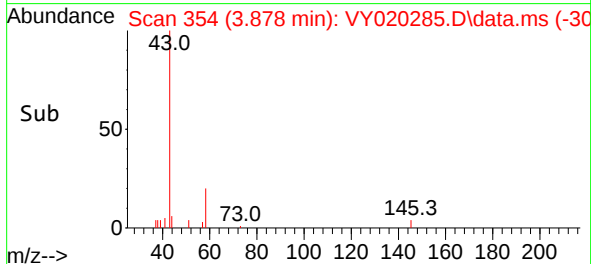
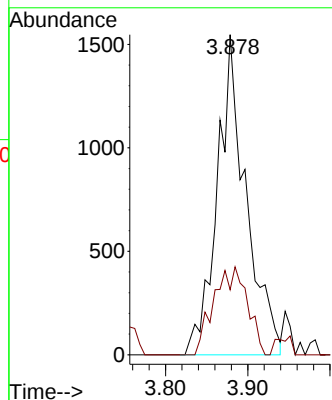


#16
Acetone
Concen: 7.336 ug/l
RT: 3.878 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Instrument :
MSVOA_Y
ClientSampleId :

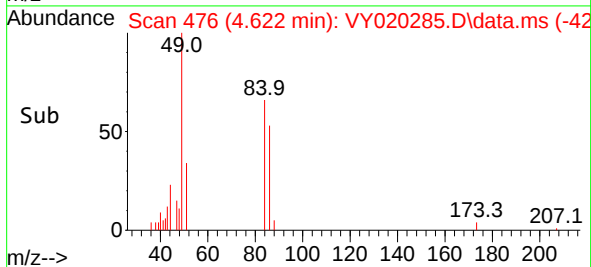
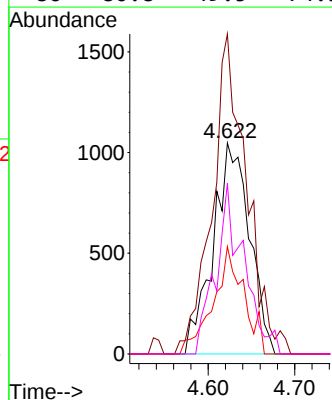
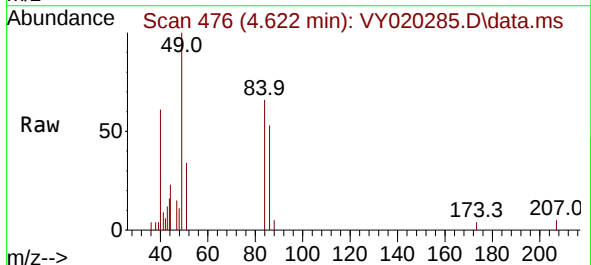


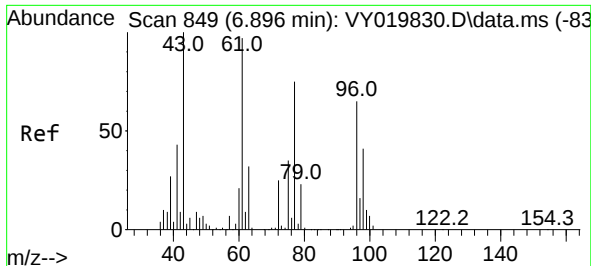
Tgt Ion: 43 Resp: 3759
Ion Ratio Lower Upper
43 100
58 20.3 31.7 47.5#



#20
Methylene Chloride
Concen: 1.334 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Tgt Ion: 84 Resp: 3071
Ion Ratio Lower Upper
84 100
49 145.4 84.4 126.6#
51 50.9 26.0 39.0#
86 80.8 49.5 74.3#





#25

2-Butanone

Concen: 3.698 ug/l

RT: 6.914 min Scan# 81

Delta R.T. 0.024 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

Instrument :

MSVOA_Y

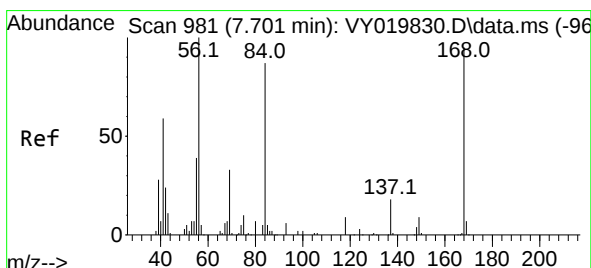
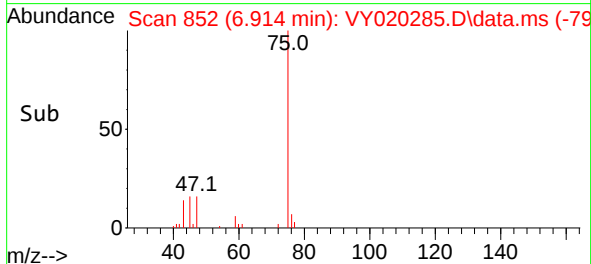
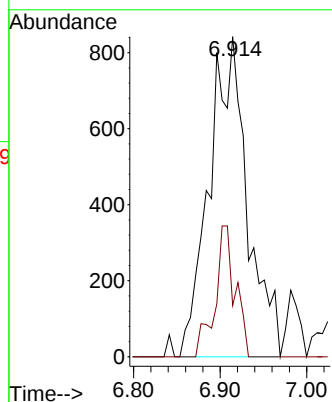
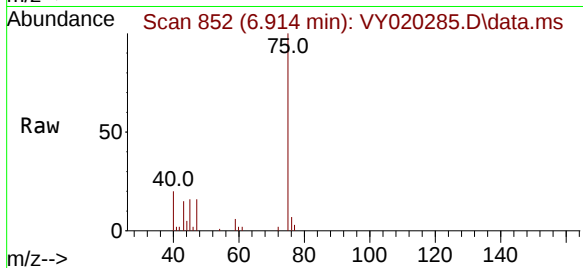
ClientSampleId :

Tgt Ion: 43 Resp: 2569

Ion Ratio Lower Upper

43 100

72 16.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.400 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

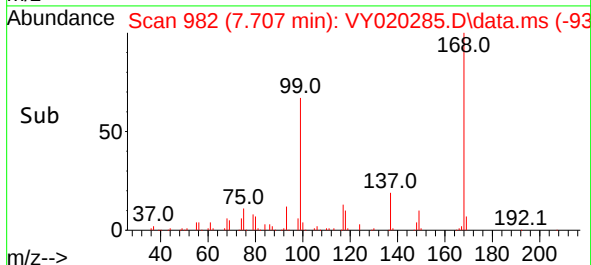
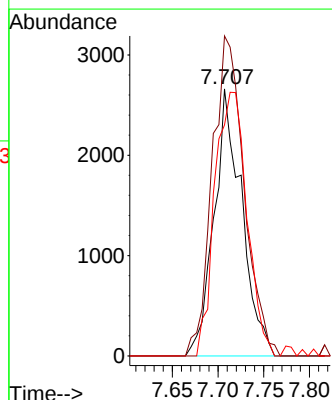
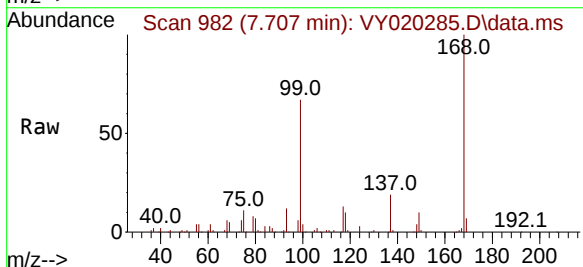
Tgt Ion: 56 Resp: 5599

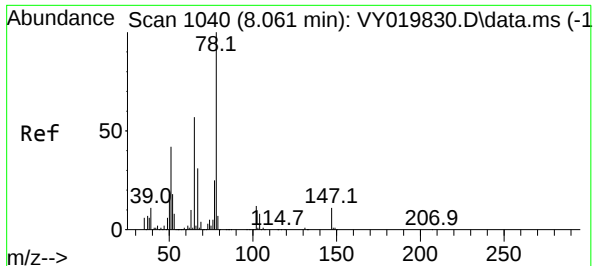
Ion Ratio Lower Upper

56 100

69 119.8 28.7 43.1#

84 86.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 66.457 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

Instrument :

MSVOA_Y

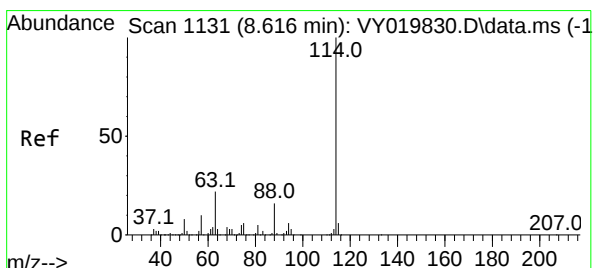
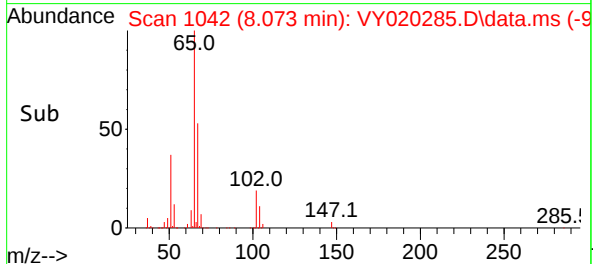
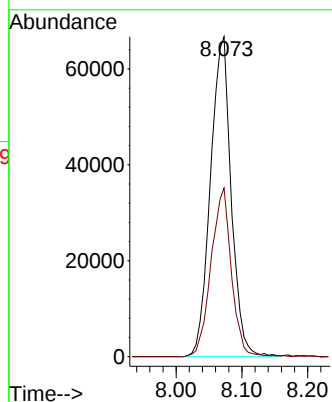
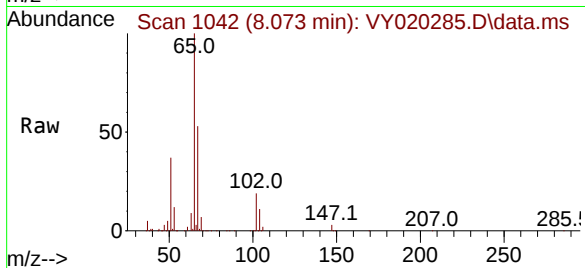
ClientSampleId :

Tgt Ion: 65 Resp: 146438

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

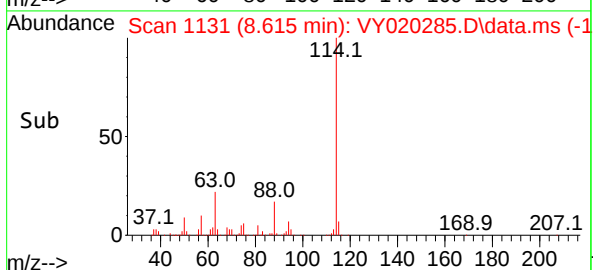
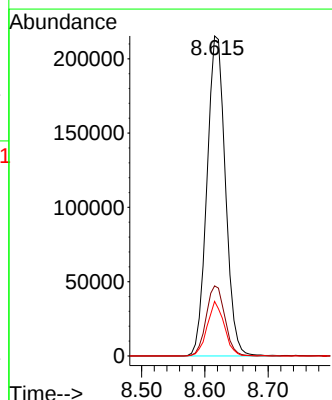
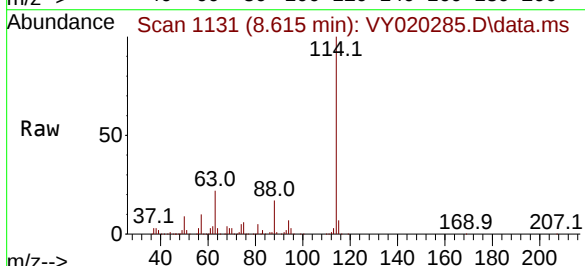
Tgt Ion: 114 Resp: 436355

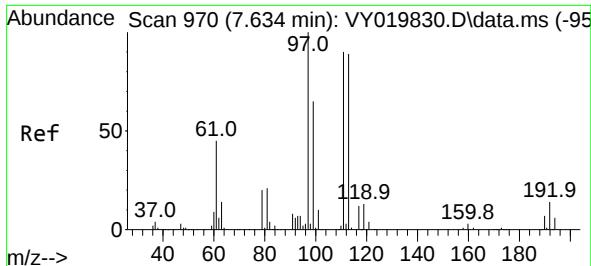
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 17.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 44.017 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

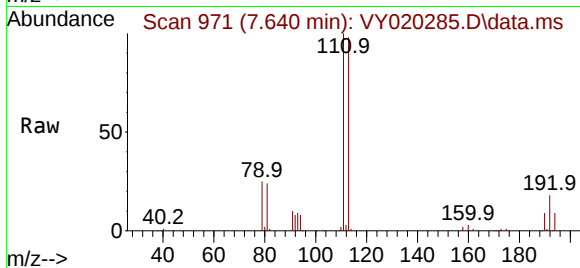
Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

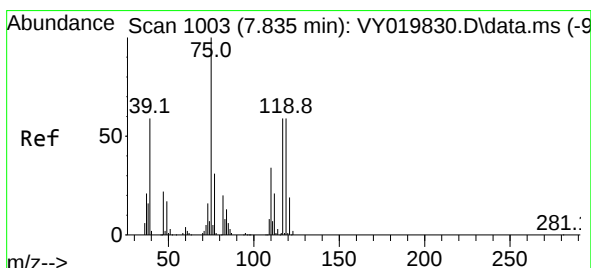
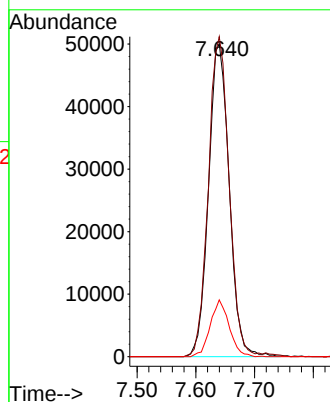
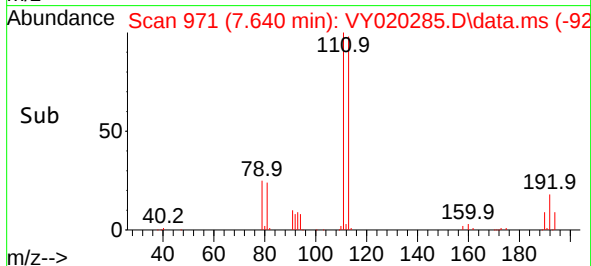
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	122116
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	16.7	15.9	23.9



#36

1,1-Dichloropropene

Concen: 4.206 ug/l

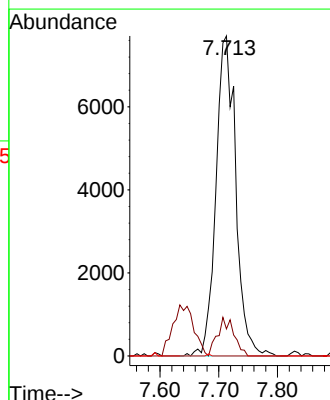
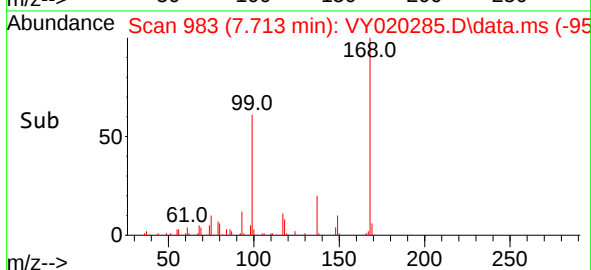
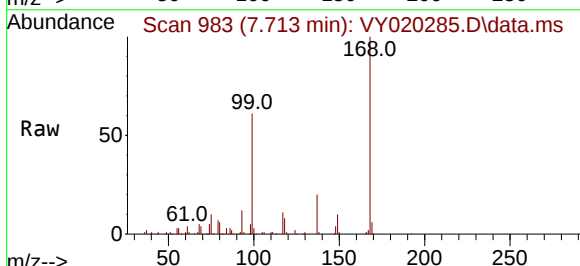
RT: 7.713 min Scan# 983

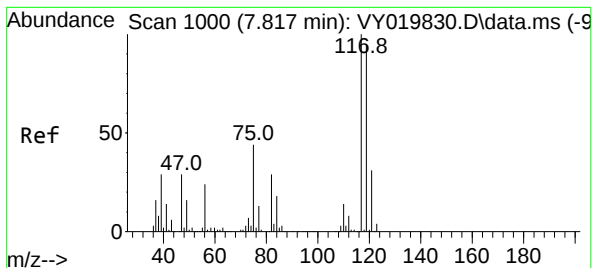
Delta R.T. -0.122 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

Tgt Ion:	75	Resp:	18024
Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.0	57.0#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 4.708 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.104 min

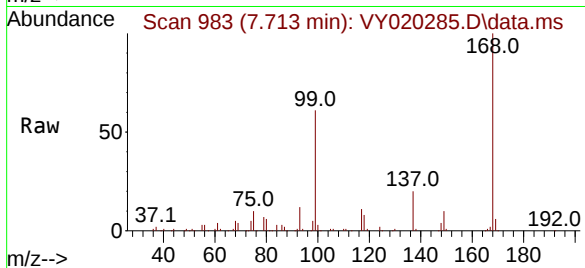
Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :



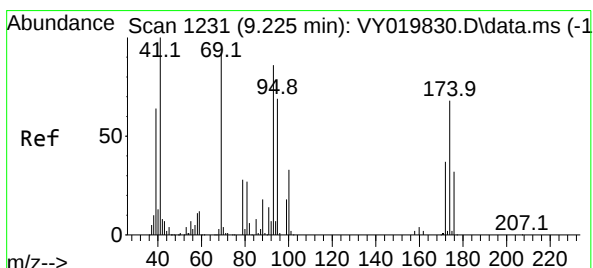
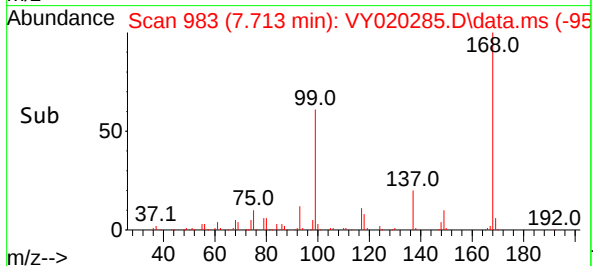
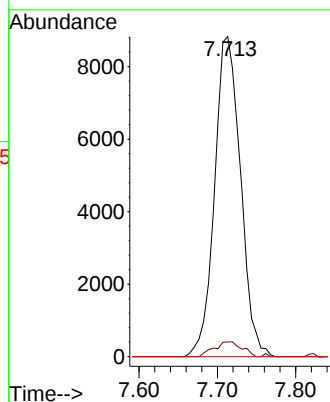
Tgt Ion:117 Resp: 20289

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 1.198 ug/l

RT: 9.176 min Scan# 1223

Delta R.T. -0.055 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

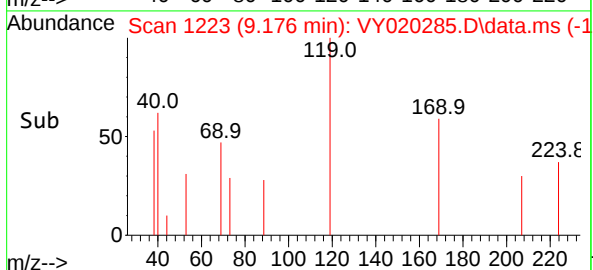
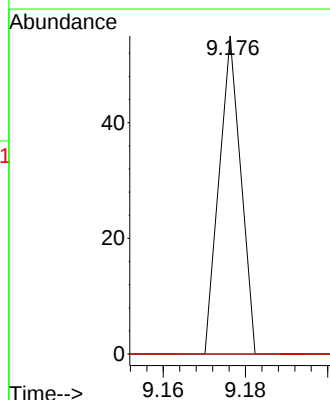
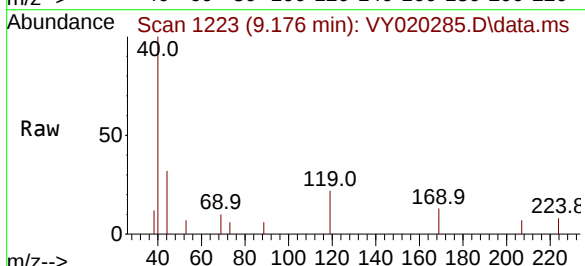
Tgt Ion: 88 Resp: 20

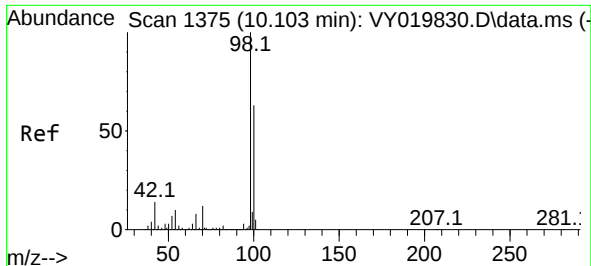
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#

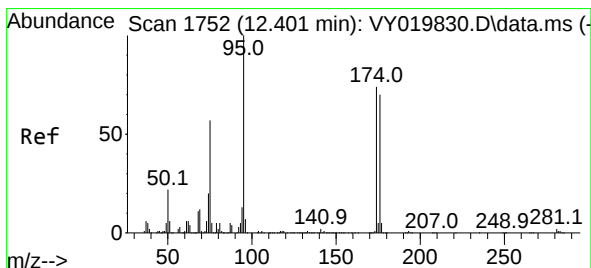
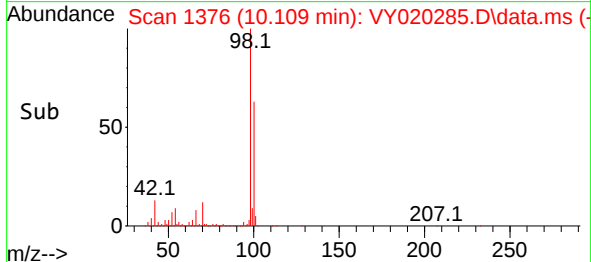
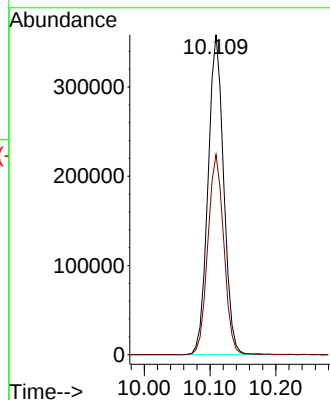
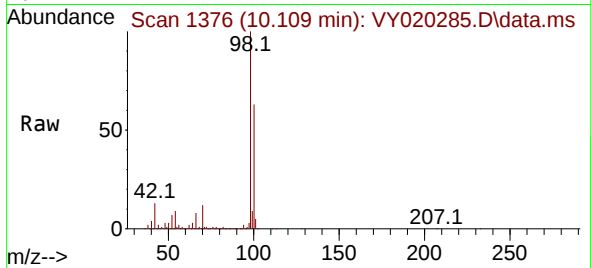




#50
Toluene-d8
Concen: 53.798 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

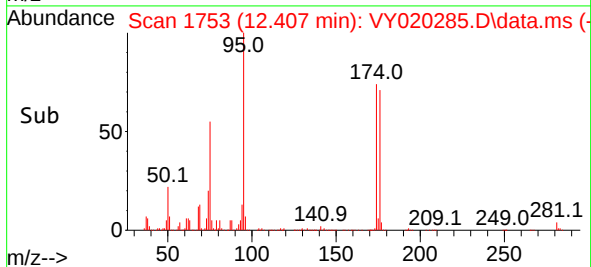
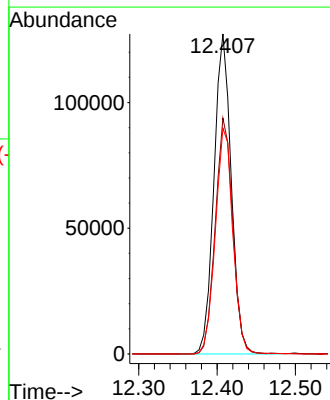
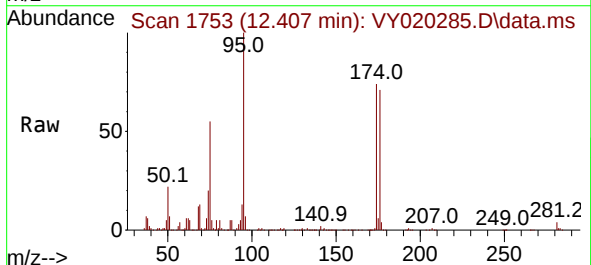
Instrument :
MSVOA_Y
ClientSampleId :

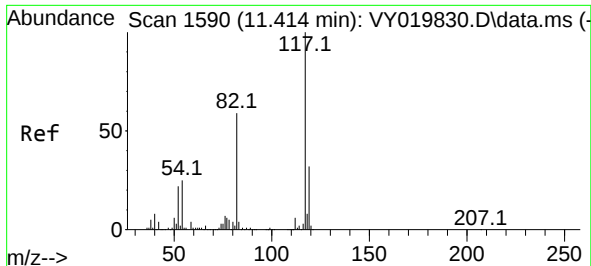
Tgt Ion: 98 Resp: 594101
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.324 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Tgt Ion: 95 Resp: 194858
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 71.8 0.0 171.4

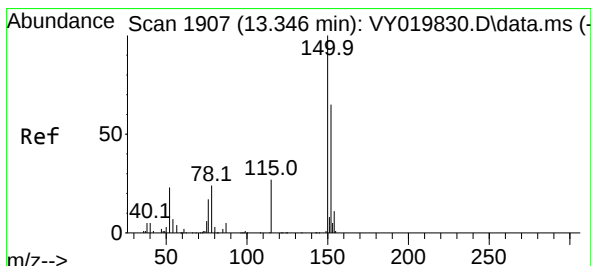
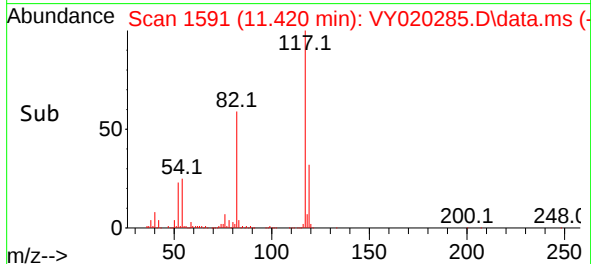
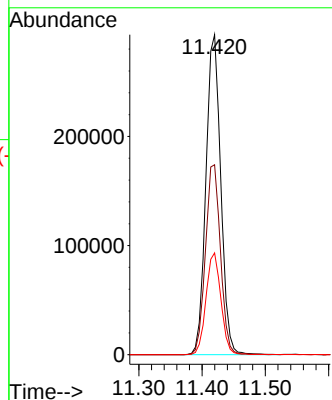
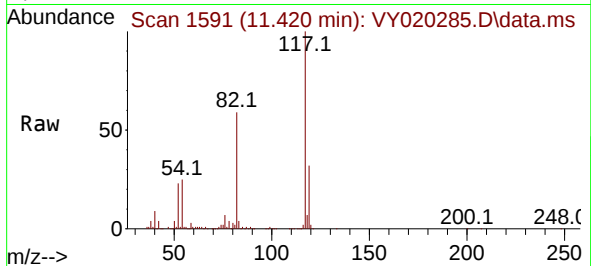




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

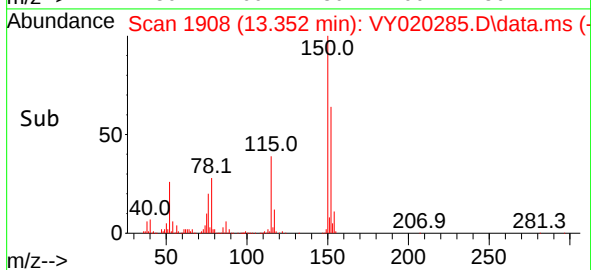
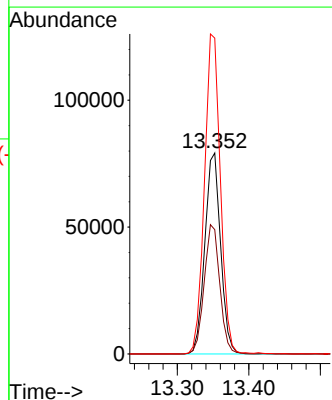
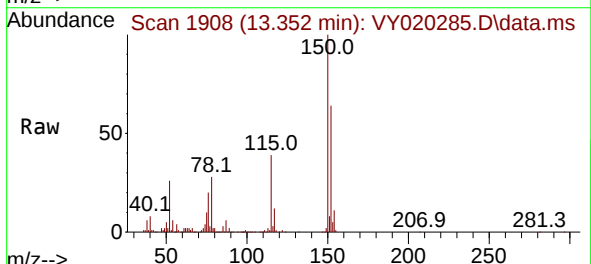
Instrument :
MSVOA_Y
ClientSampleId :

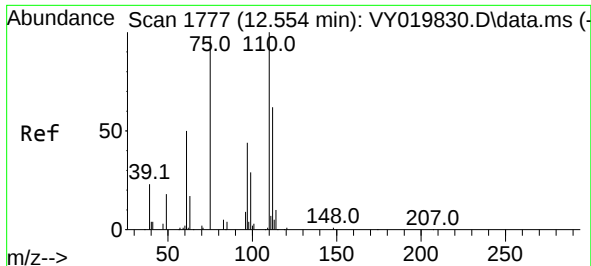
Tgt Ion:117 Resp: 478823
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Tgt Ion:152 Resp: 121490
Ion Ratio Lower Upper
152 100
115 63.7 28.2 84.7
150 160.1 0.0 345.6

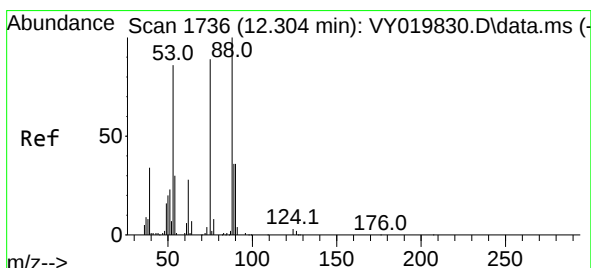
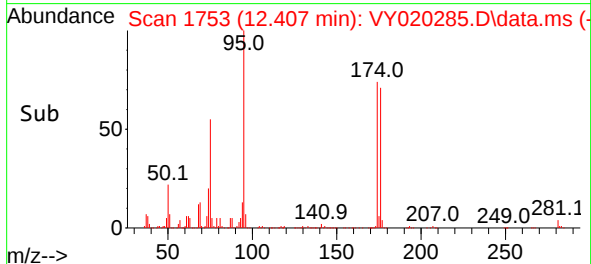
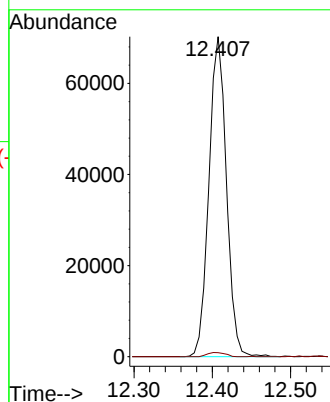
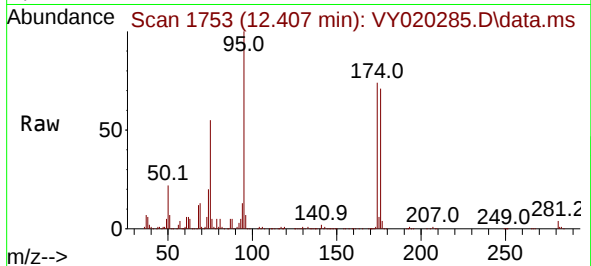




#76
1,2,3-Trichloropropane
Concen: 95.752 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 109046
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 205.959 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Tgt Ion: 75 Resp: 109046
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.1 35.8 53.6#

