

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004614.D
 Acq On : 23 Apr 2021 18:41
 Operator : SY/MD
 Sample : M2149-13
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:21:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

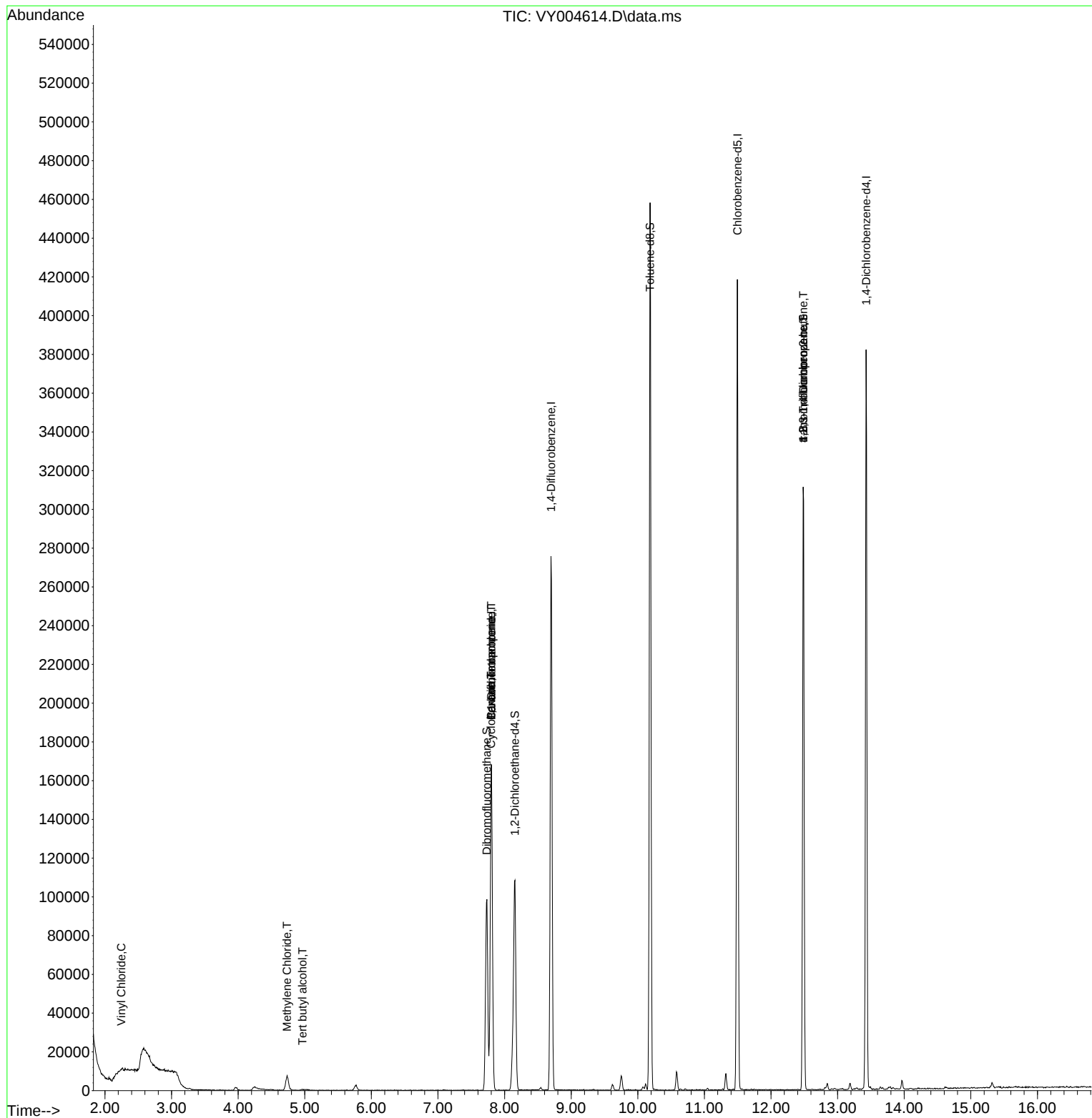
Internal Standards						
1) Pentafluorobenzene	7.801	168	124598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	207707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	80667	58.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.54%
35) Dibromofluoromethane	7.734	113	68149	54.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.90%
50) Toluene-d8	10.185	98	277325	52.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.14%
62) 4-Bromofluorobenzene	12.483	95	89016	49.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.44%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	6276	3.56	ug/l #	43
11) Tert butyl alcohol	4.966	59	582	4.27	ug/l #	86
16) Acetone	3.960	43	2752	Below Cal	#	79
20) Methylene Chloride	4.734	84	4879	3.65	ug/l	94
31) Cyclohexane	7.795	56	3154	1.24	ug/l #	55
36) 1,1-Dichloropropene	7.801	75	11035	4.97	ug/l #	49
38) Carbon Tetrachloride	7.801	117	12680	6.60	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	50579	52.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50579	93.65	ug/l #	12

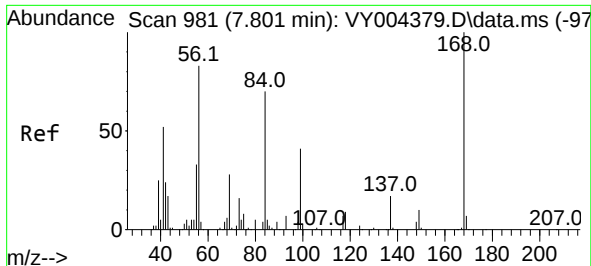
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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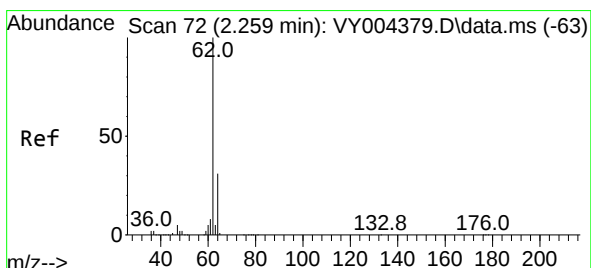
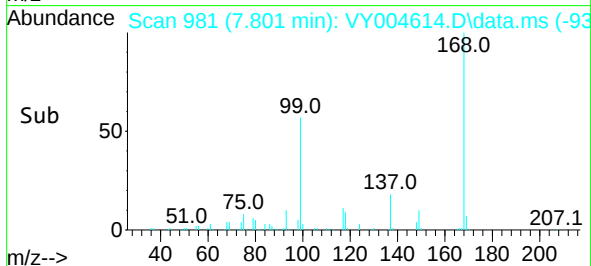
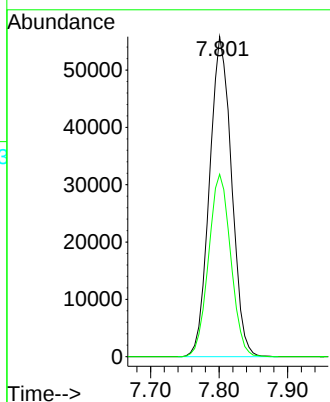
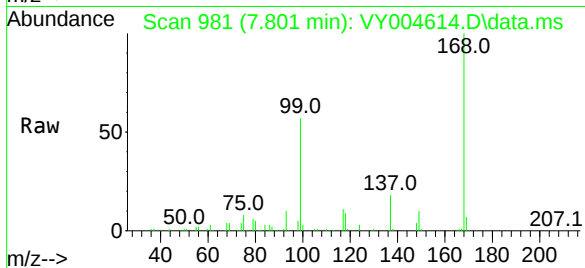




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

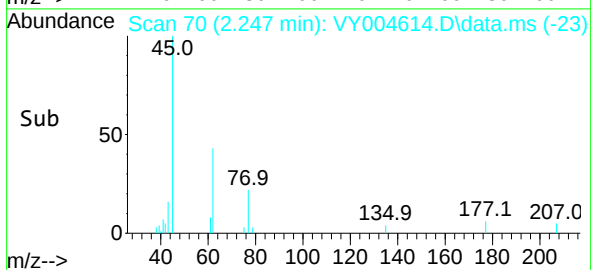
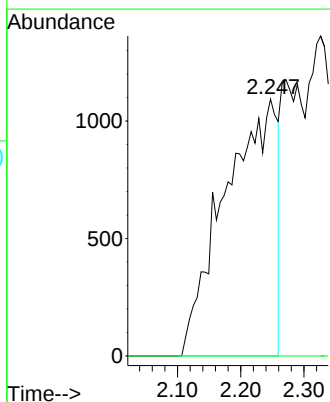
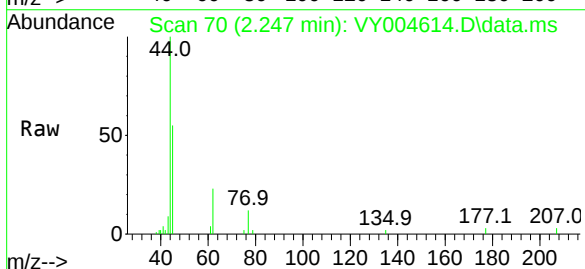
Instrument :
MSVOA_Y
ClientSampleId :

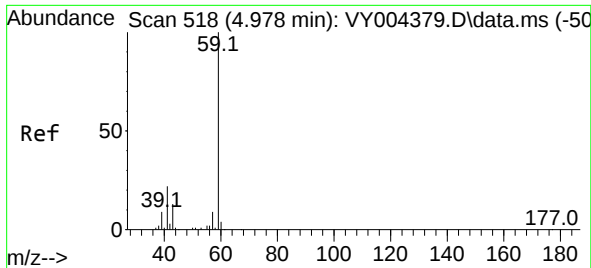
Tgt Ion:168 Resp: 124598
Ion Ratio Lower Upper
168 100
99 57.0 45.5 68.3



#4
Vinyl Chloride
Concen: 3.56 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

Tgt Ion: 62 Resp: 6276
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



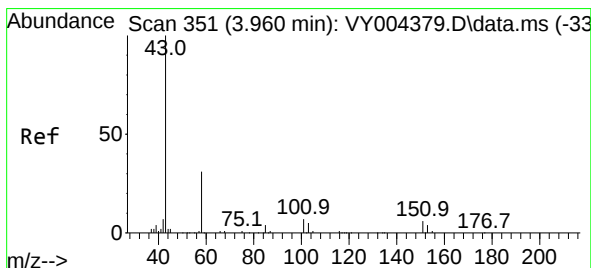
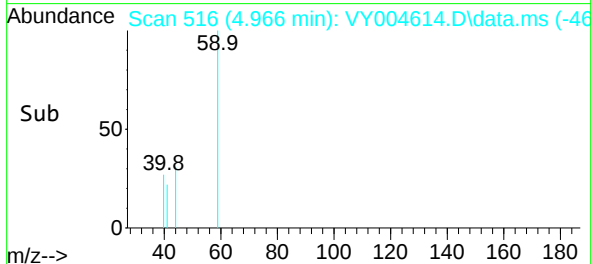
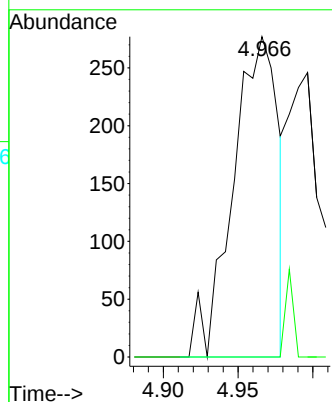
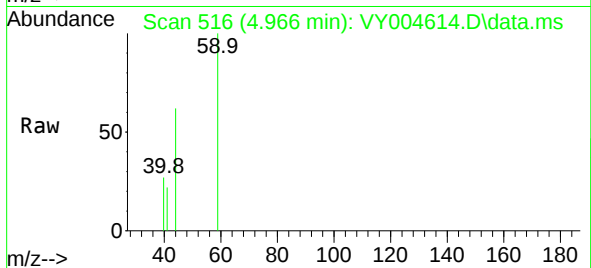


#11

Tert butyl alcohol
Concen: 4.27 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

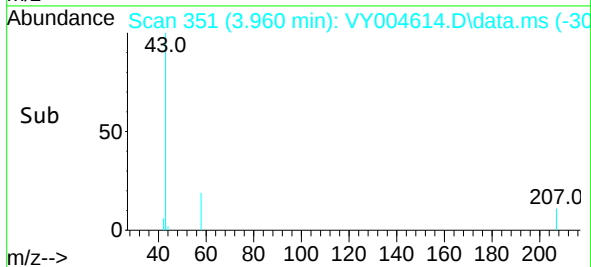
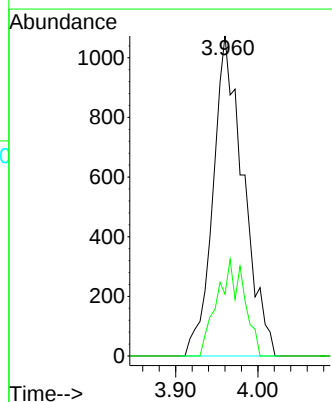
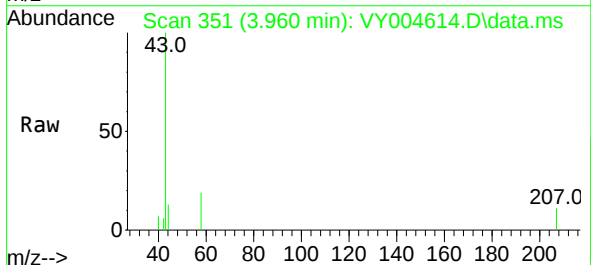
Tgt Ion: 59 Resp: 582
Ion Ratio Lower Upper
59 100
57 4.8 8.1 12.1#

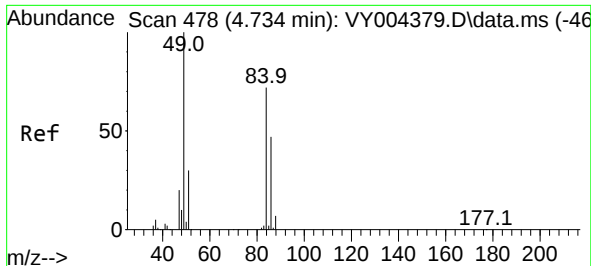


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

Tgt Ion: 43 Resp: 2752
Ion Ratio Lower Upper
43 100
58 19.3 24.6 37.0#



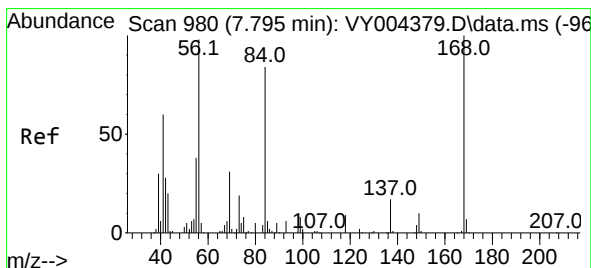
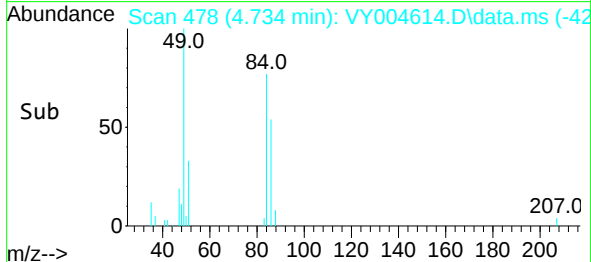
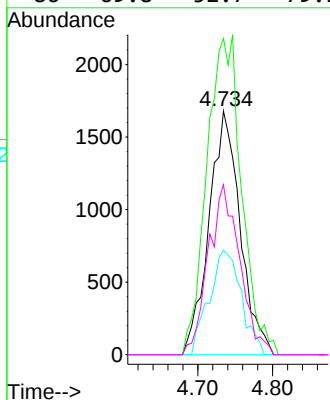
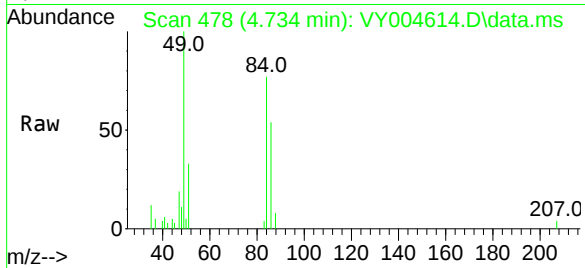


#20
Methylene Chloride
Concen: 3.65 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 4879

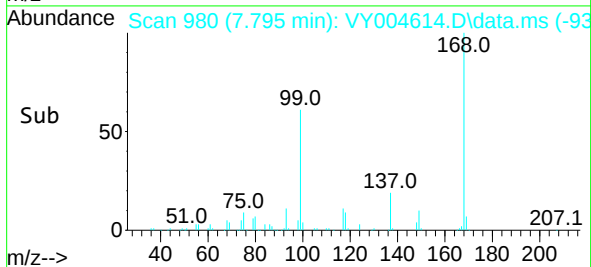
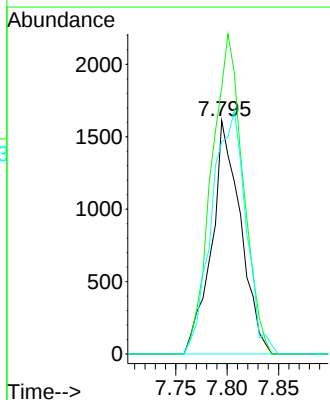
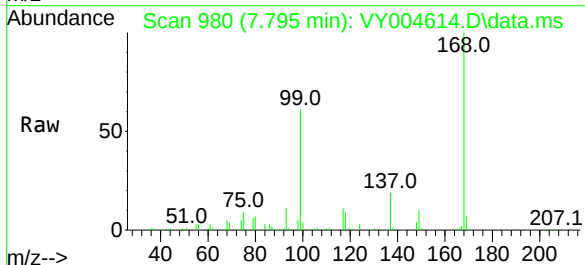
Ion	Ratio	Lower	Upper
84	100		
49	129.8	111.2	166.8
51	43.0	33.4	50.2
86	69.8	52.7	79.1

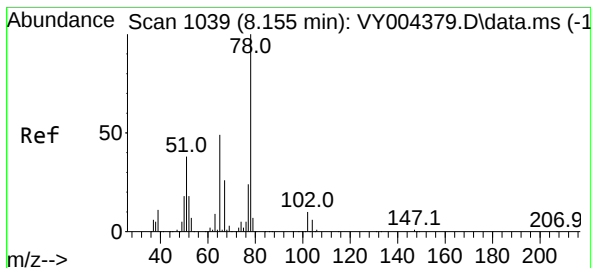


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

Tgt Ion: 56 Resp: 3154

Ion	Ratio	Lower	Upper
56	100		
69	114.3	25.8	38.6#
84	90.9	68.2	102.4





#33

1,2-Dichloroethane-d4

Concen: 58.27 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY004614.D

Acq: 23 Apr 2021 18:41

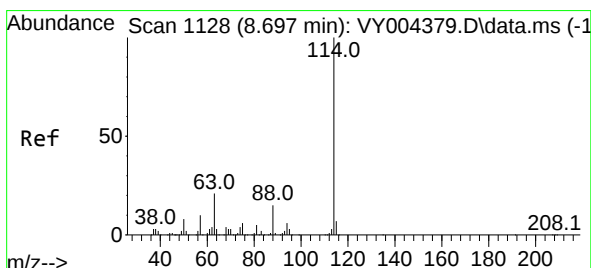
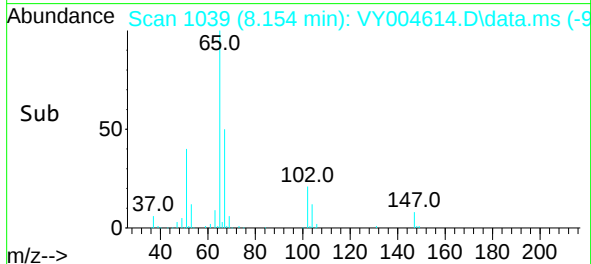
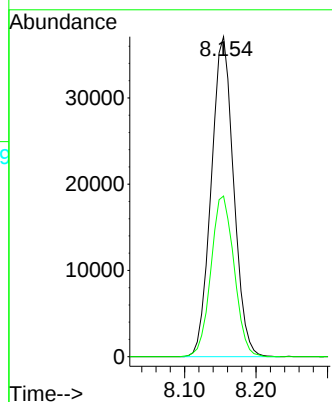
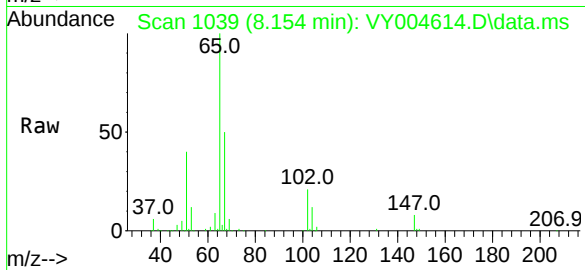
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 80667

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004614.D

Acq: 23 Apr 2021 18:41

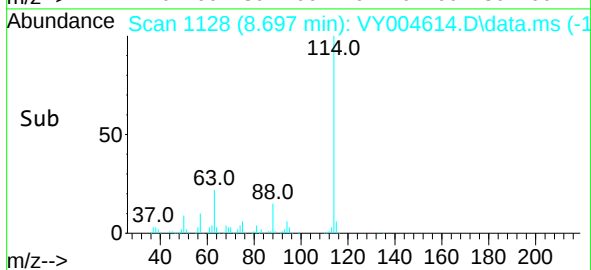
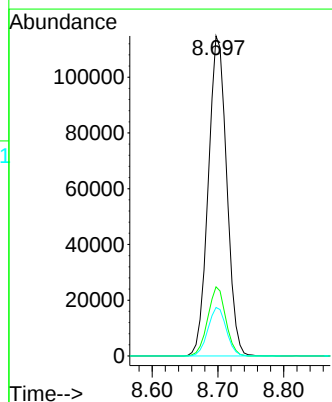
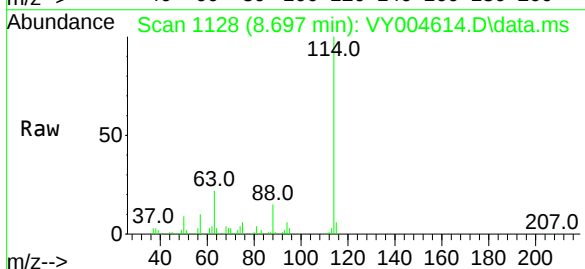
Tgt Ion: 114 Resp: 223487

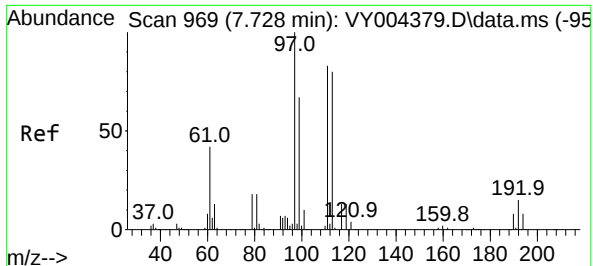
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 15.2 0.0 30.8

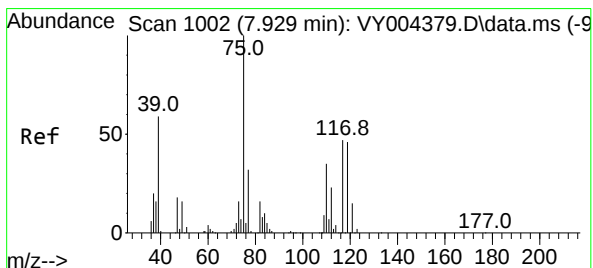
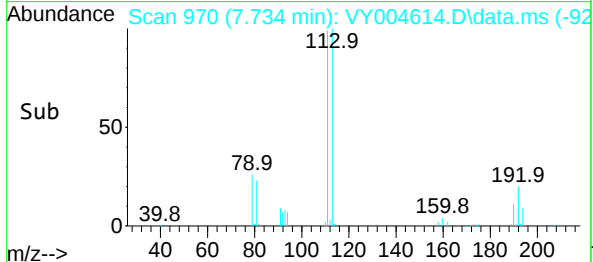
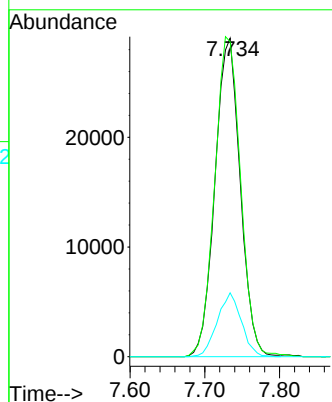
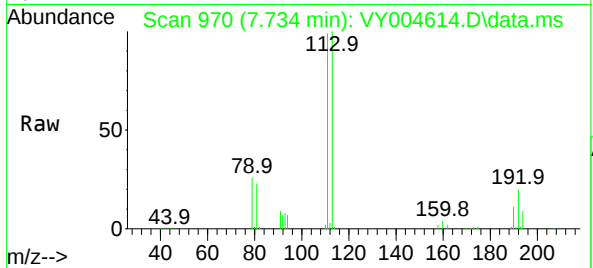




#35
Dibromofluoromethane
Concen: 54.95 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

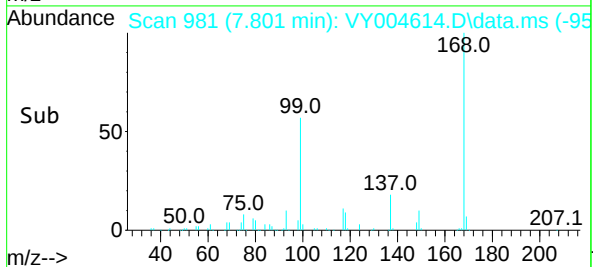
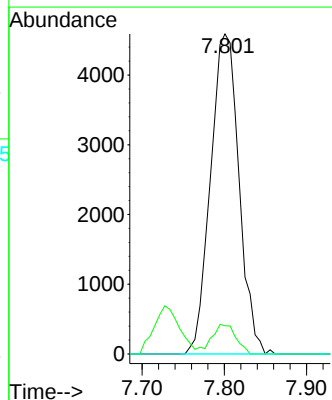
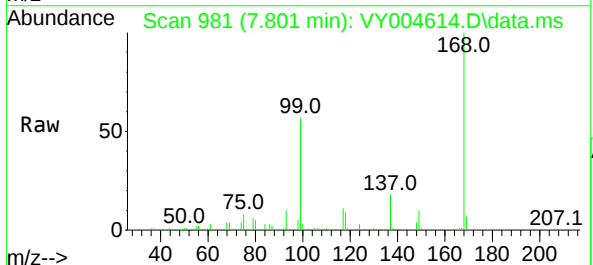
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	113	Resp:	68149
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.6	123.8
192	19.2	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

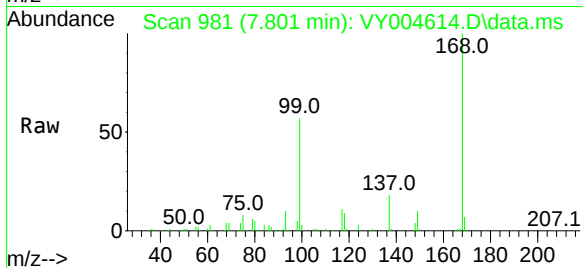
Tgt Ion:	75	Resp:	11035
Ion Ratio	Lower	Upper	
75	100		
110	7.4	17.3	51.7#
77	0.0	24.3	36.5#



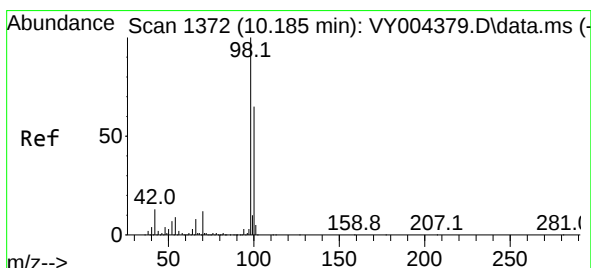
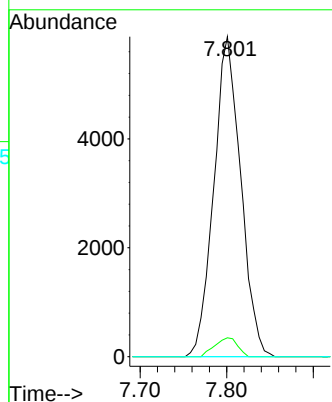
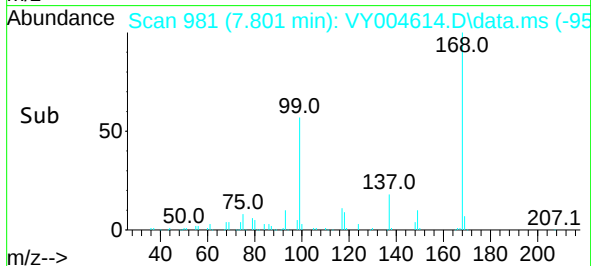


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

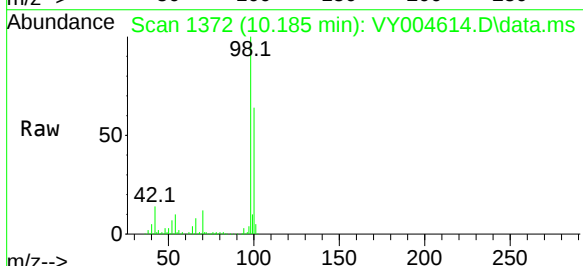
Instrument :
MSVOA_Y
ClientSampleId :



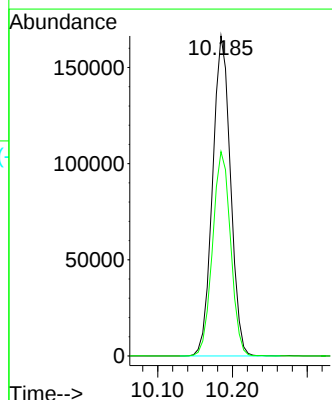
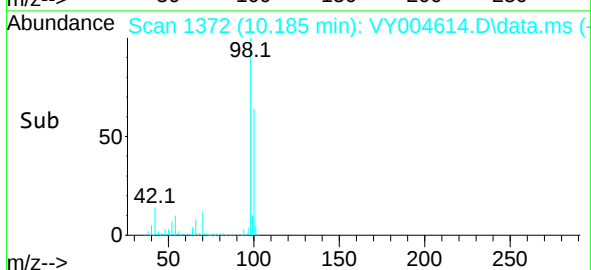
Tgt Ion:117 Resp: 12680
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 25.3 37.9#

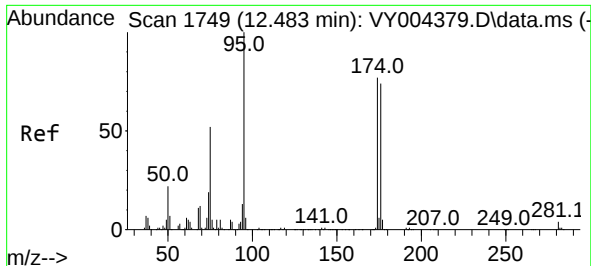


#50
Toluene-d8
Concen: 52.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41



Tgt Ion: 98 Resp: 277325
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

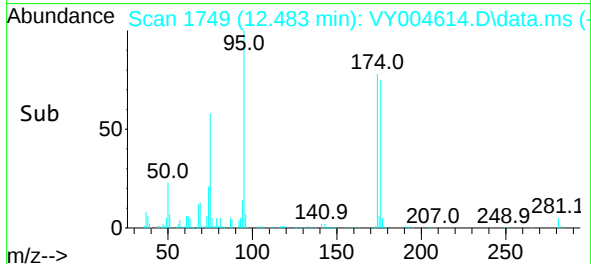
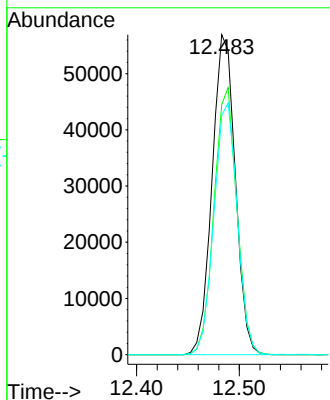
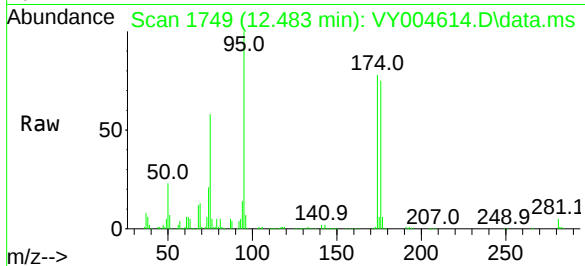




#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

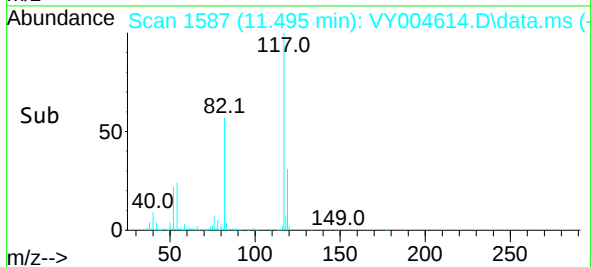
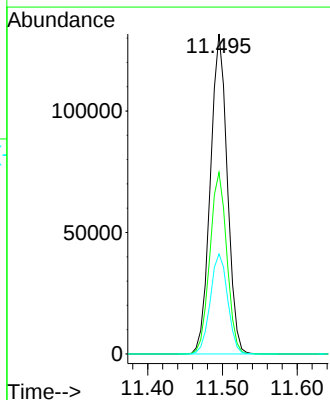
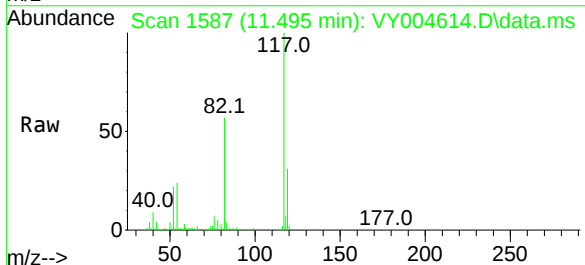
Instrument :
MSVOA_Y
ClientSampleId :

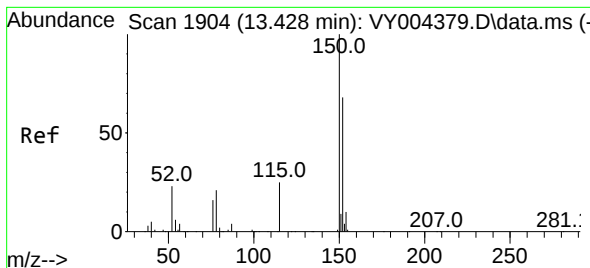
Tgt Ion:	95	Resp:	89016
Ion Ratio	Lower	Upper	
95	100		
174	82.1	0.0	162.4
176	79.3	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004614.D
Acq: 23 Apr 2021 18:41

Tgt Ion:	117	Resp:	207707
Ion Ratio	Lower	Upper	
117	100		
82	56.7	44.9	67.3
119	31.2	25.4	38.0

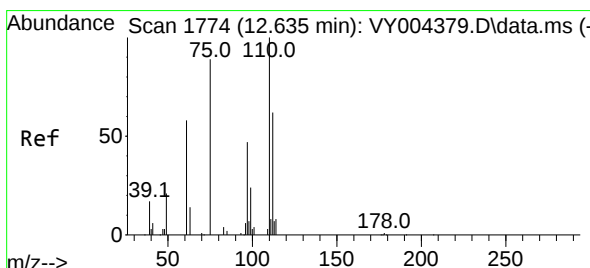
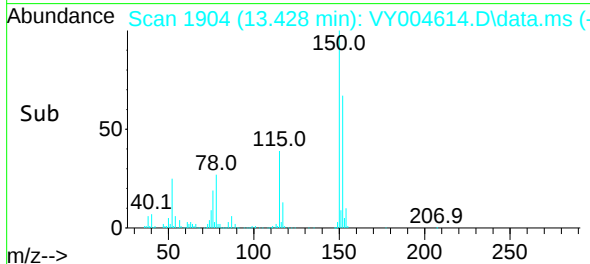
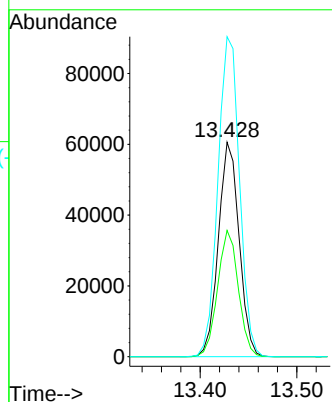
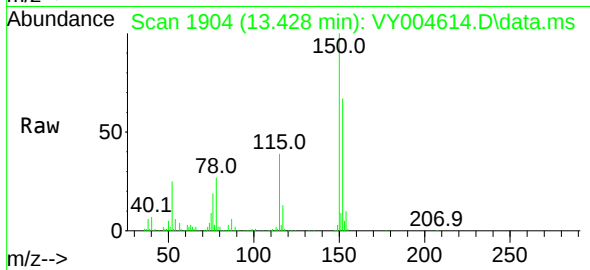




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004614.D
 Acq: 23 Apr 2021 18:41

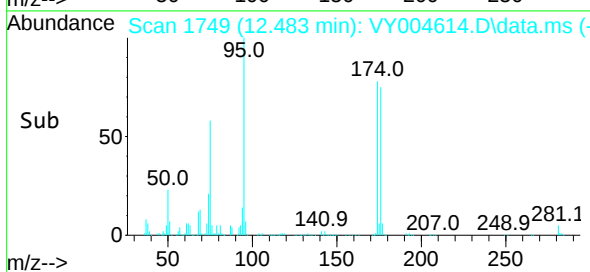
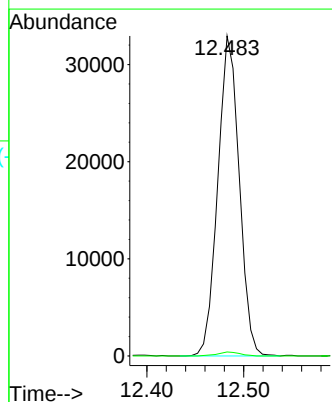
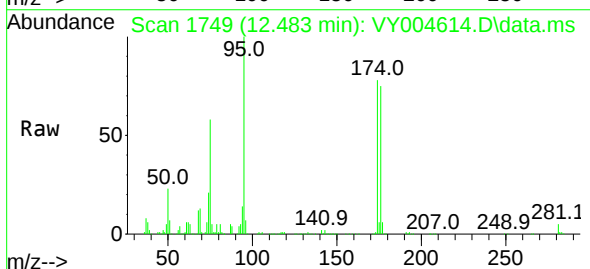
Instrument :
 MSVOA_Y
 ClientSampleId :

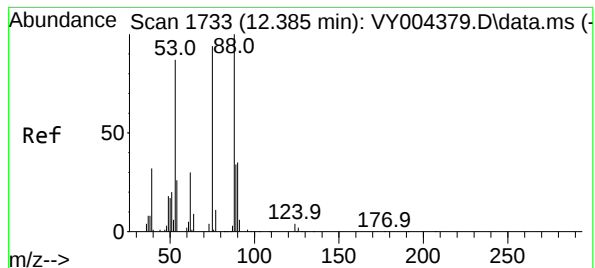
Tgt Ion:152 Resp: 90023
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.6 88.8
 150 155.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.35 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004614.D
 Acq: 23 Apr 2021 18:41

Tgt Ion: 75 Resp: 50579
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 93.65 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY004614.D

Acq: 23 Apr 2021 18:41

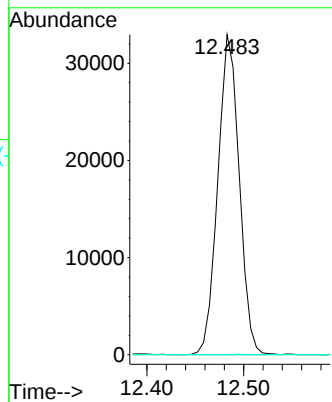
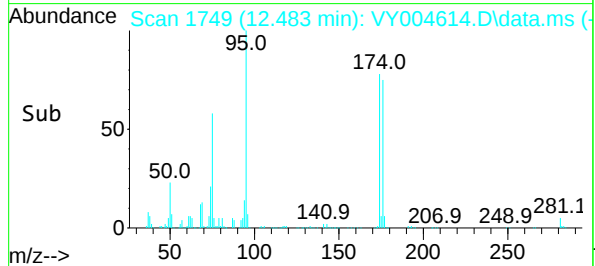
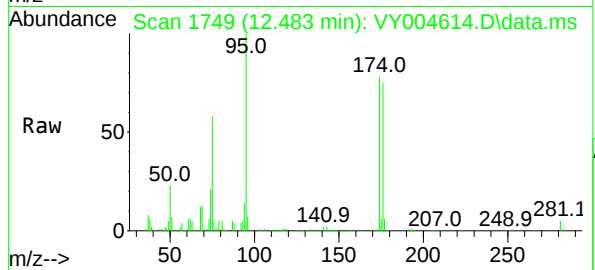
Tgt Ion: 75 Resp: 50579

Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

89 0.0 36.1 54.1#



Instrument :
MSVOA_Y
ClientSampleId :