

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111219\
 Data File : VY000655.D
 Acq On : 12 Nov 2019 14:57
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 3:07:01 PM

Quant Time: Nov 13 10:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 03:17:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	360711	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	327871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	150503	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	124051	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
7) Chloroethane-d5	2.76	69	107632	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
10) 1,1-Dichloroethene-d2	3.85	63	165561	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	6.90	46	81888	38.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.92%
24) Chloroform-d	7.49	84	213054	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	8.15	65	125492	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.12	84	457881	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.13	67	142488	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.18	98	418915	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.44	79	63396	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.79	63	66291	41.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.20%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	115506	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.60%
61) 1,2-Dichlorobenzene-d4	13.72	152	142848	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.90	85	5456	1.145 ug/L	99
3) Chloromethane	2.11	50	6744m	1.129 ug/L	
5) Vinyl chloride	2.25	62	6703	1.124 ug/L #	69
6) Bromomethane	2.65	94	3920	1.204 ug/L	84
8) Chloroethane	2.80	64	3838	1.026 ug/L	96
9) Trichlorofluoromethane	3.13	101	9302m	1.101 ug/L	
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	6188m	1.292 ug/L	
12) 1,1-Dichloroethene	3.88	96	6106m	1.306 ug/L	
13) Acetone	3.96	43	4759m	3.094 ug/L	
14) Carbon disulfide	4.19	76	14376	0.996 ug/L	95
15) Methyl Acetate	4.49	43	3075m	0.873 ug/L	
16) Methylene chloride	4.72	84	11416	1.917 ug/L	96
17) Methyl tert-butyl Ether	5.24	73	13951m	0.980 ug/L	
18) trans-1,2-Dichloroethene	5.23	96	5742m	1.099 ug/L	
19) 1,1-Dichloroethane	6.03	63	9740m	1.060 ug/L	
21) 2-Butanone	7.00	43	6707m	2.476 ug/L	
22) cis-1,2-Dichloroethene	7.00	96	6314	1.093 ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.35	128	2262	0.897	ug/L	90
25) Chloroform	7.52	83	17342	1.751	ug/L	79
27) 1,2-Dichloroethane	8.25	62	6445	0.973	ug/L #	87
30) Cyclohexane	7.78	56	9176	1.026	ug/L	91
31) 1,1,1-Trichloroethane	7.71	97	8743m	1.082	ug/L	
32) Carbon tetrachloride	7.91	117	7315	1.039	ug/L	90
34) Benzene	8.17	78	23940	1.117	ug/L	100
35) Trichloroethene	8.94	95	5728	1.019	ug/L	90
36) Methylcyclohexane	9.19	83	9452	0.983	ug/L	97
40) 1,2-Dichloropropane	9.22	63	5638	1.038	ug/L	99
41) Bromodichloromethane	9.50	83	8019	1.147	ug/L	85
42) cis-1,3-Dichloropropene	9.92	75	9291	1.062	ug/L	91
43) 4-Methyl-2-pentanone	10.08	43	9974	1.920	ug/L	99
44) Toluene	10.25	91	24787	1.070	ug/L	96
45) trans-1,3-Dichloropropene	10.47	75	6917m	0.920	ug/L	
46) 1,1,2-Trichloroethane	10.64	97	4891	1.098	ug/L	94
47) Tetrachloroethene	10.72	164	4328	1.031	ug/L	82
49) 2-Hexanone	10.84	43	8941m	2.210	ug/L	
50) Dibromochloromethane	10.99	129	4293	0.853	ug/L	90
51) 1,2-Dibromoethane	11.10	107	4032	0.930	ug/L #	82
52) Chlorobenzene	11.52	112	15133	1.029	ug/L #	88
53) Ethylbenzene	11.59	91	26801	1.022	ug/L	91
54) m,p-Xylene	11.70	106	9776	0.985	ug/L	97
55) o-xylene	12.03	106	9493	0.975	ug/L	86
56) Styrene	12.04	104	15736	0.973	ug/L	99
57) Isopropylbenzene	12.33	105	26128	1.031	ug/L	96
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	5482	0.986	ug/L #	78
59) 1,2,3-Trichloropropane	12.63	75	4365	0.966	ug/L	98
62) Bromoform	12.20	173	2909	1.018	ug/L #	95
63) 1,3-Dichlorobenzene	13.36	146	11972	1.115	ug/L	98
64) 1,4-Dichlorobenzene	13.44	146	12450	1.160	ug/L	99
65) 1,2-Dichlorobenzene	13.74	146	12404	1.248	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.50	180	8837	1.181	ug/L	94
68) 1,2,4-trichlorobenzene	15.00	180	7892	1.180	ug/L	96
69) Naphthalene	15.23	128	17484	1.049	ug/L	97
70) 1,2,3-Trichlorobenzene	15.42	180	7307	1.175	ug/L	93

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

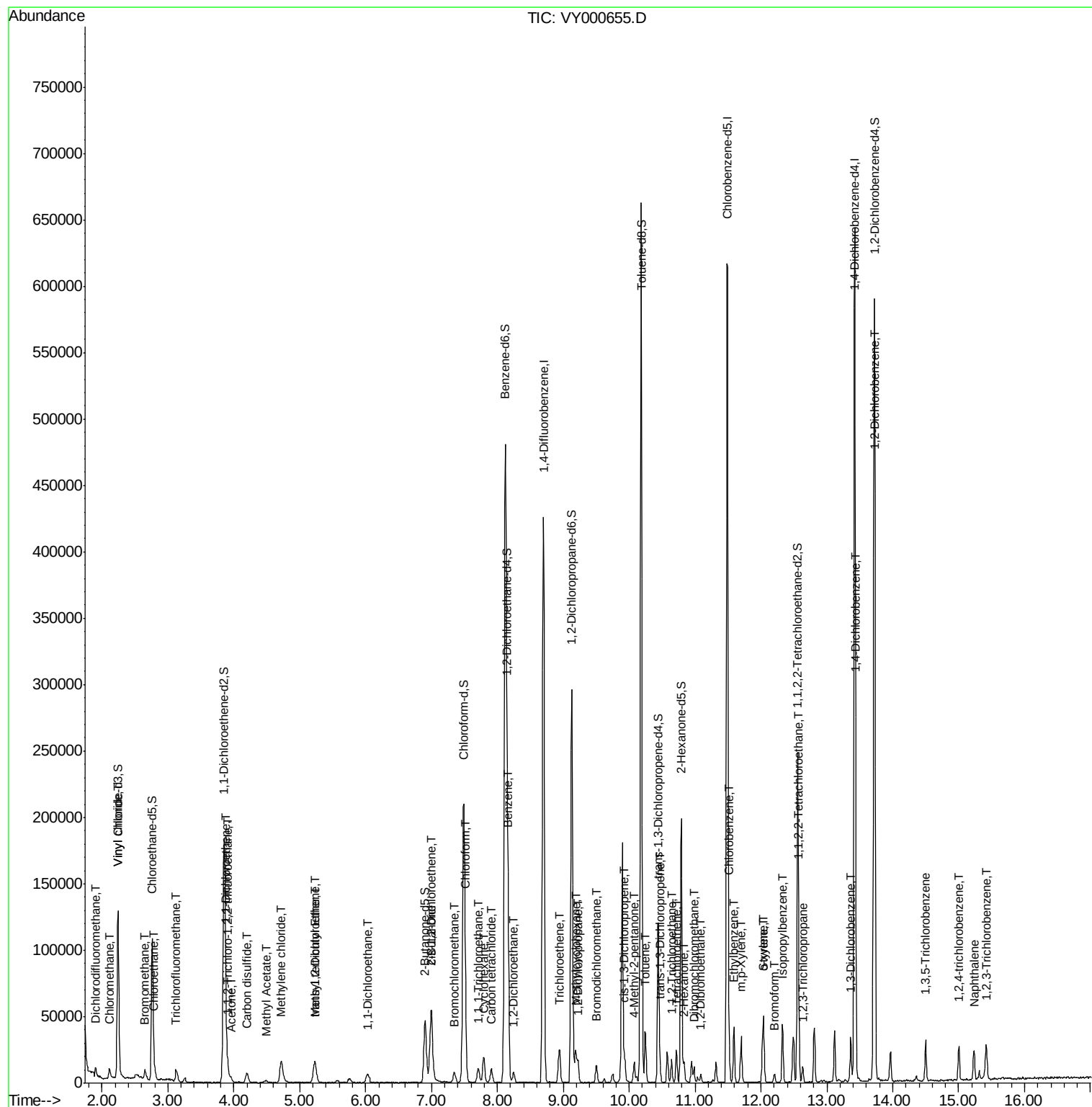
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111219\
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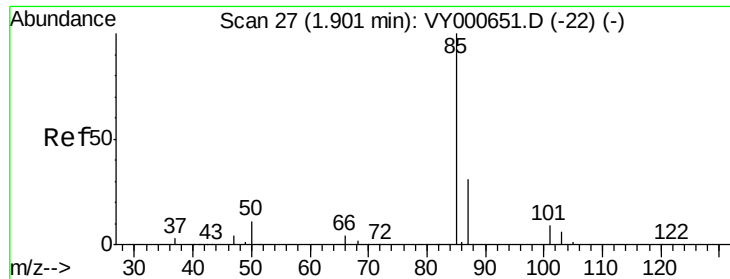
Instrument :
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ClientSampleId :
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#2

Dichlorodifluoromethane

Concen: 1.145 ug/L

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

Tot Ion: 85 Resp: 5456

Ion Ratio Lower Upper

85 100

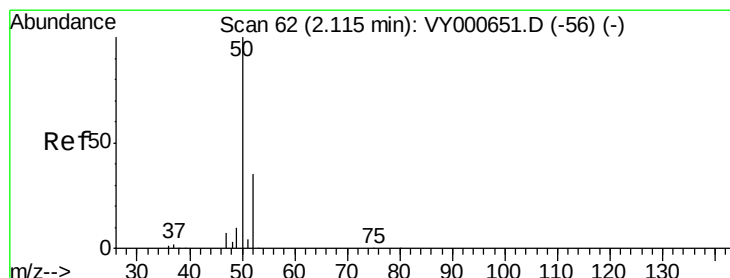
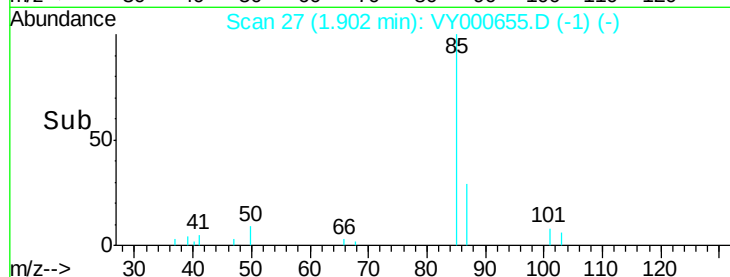
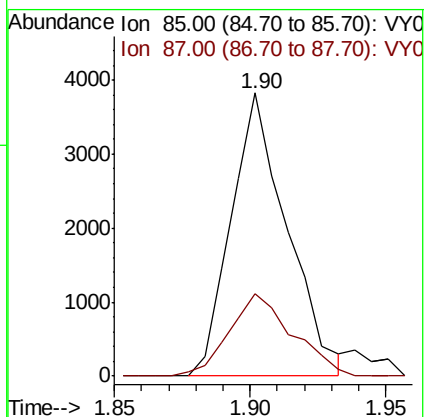
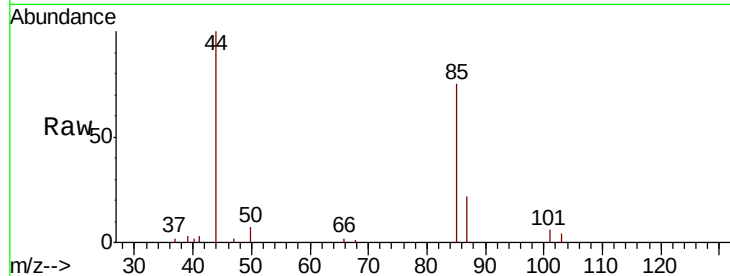
87 32.9 22.7 42.1

Manual Integrations

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#3

Chloromethane

Concen: 1.129 ug/L m

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000655.D

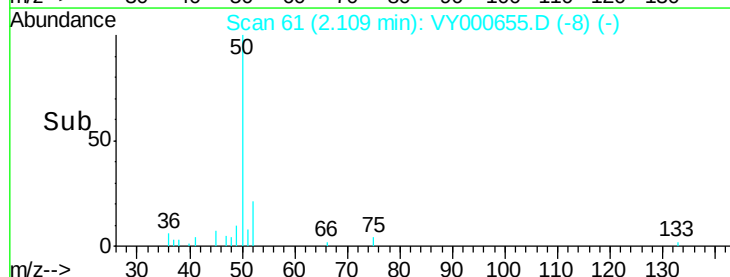
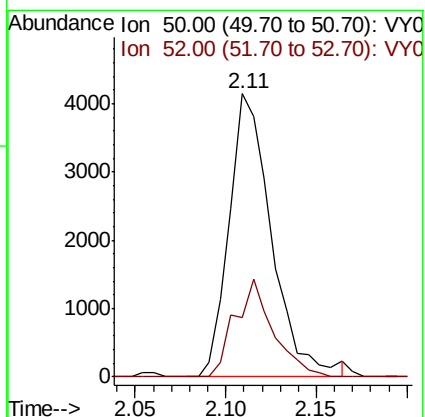
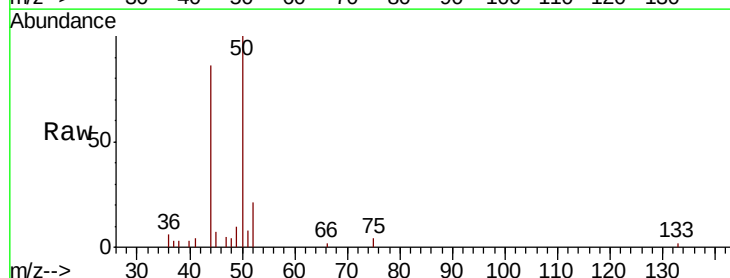
Acq: 12 Nov 2019 14:57

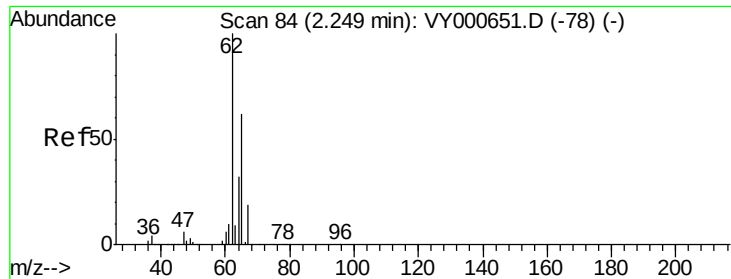
Tgt Ion: 50 Resp: 6744

Ion Ratio Lower Upper

50 100

52 21.1 24.9 46.3#





#5

Vinyl chloride

Concen: 1.124 ug/L

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

Tot Ion: 62 Resp: 6703

Ion Ratio Lower Upper

62 100

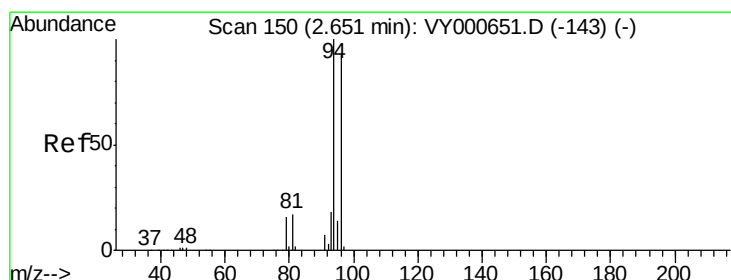
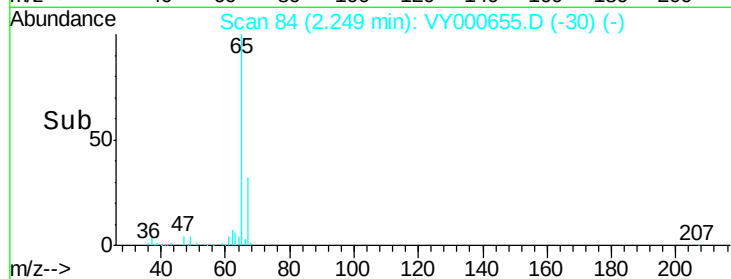
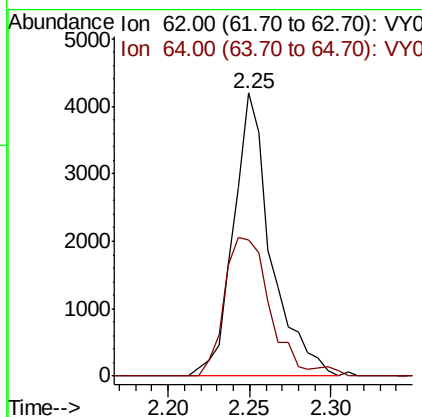
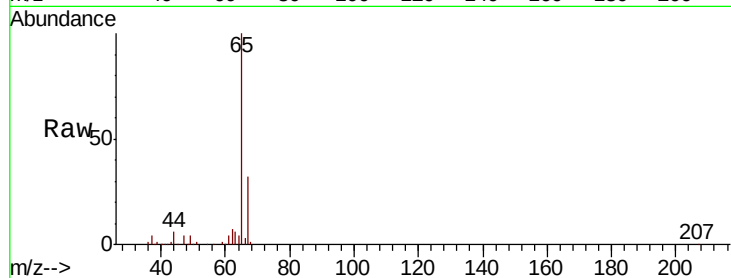
64 48.3 22.0 40.8#

Manual Integrations

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#6

Bromomethane

Concen: 1.204 ug/L

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY000655.D

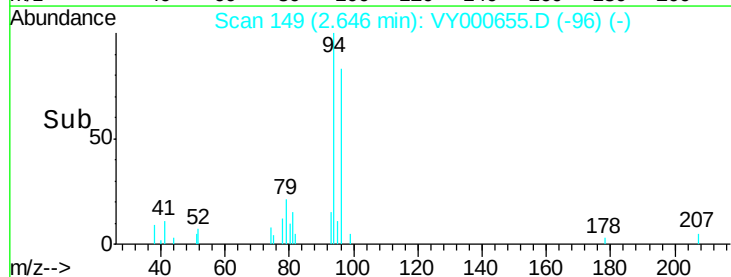
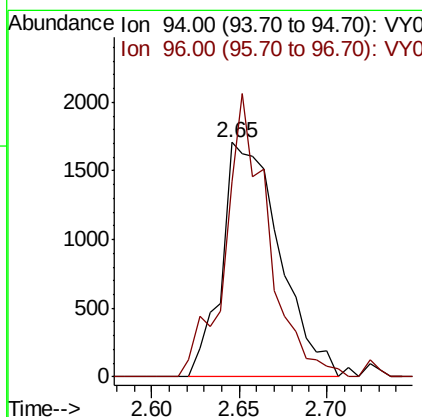
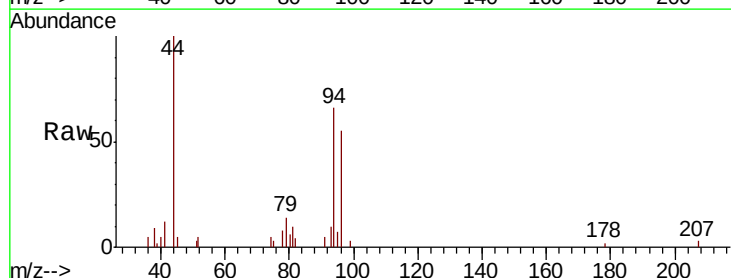
Acq: 12 Nov 2019 14:57

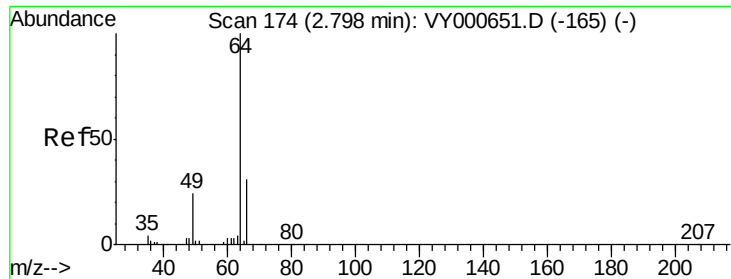
Tgt Ion: 94 Resp: 3920

Ion Ratio Lower Upper

94 100

96 81.5 9.8 185.6





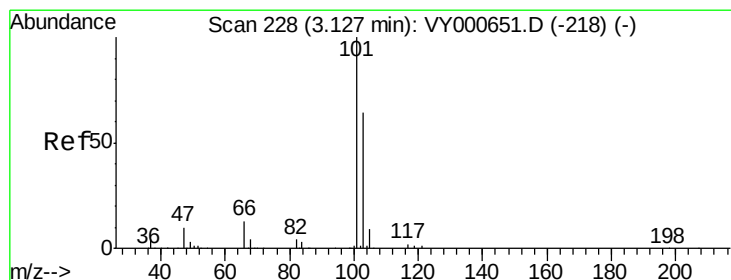
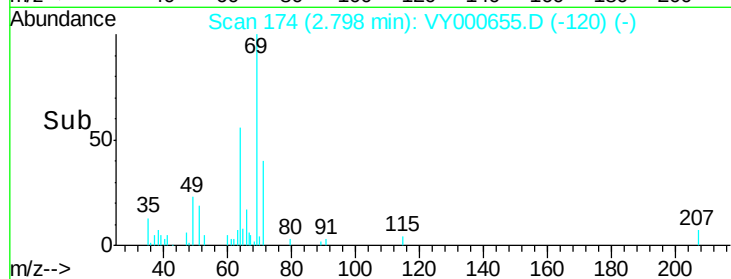
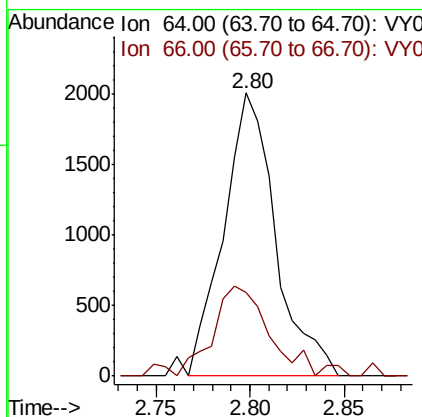
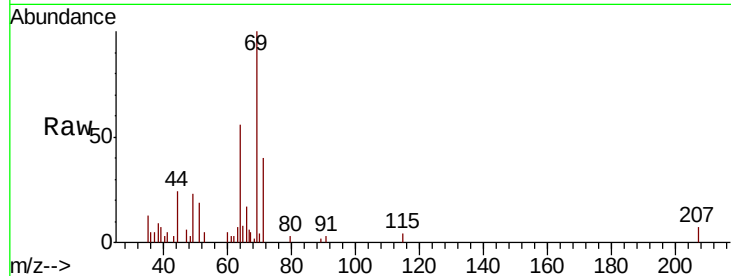
#8
Chloroethane
Concen: 1.026 ug/L
RT: 2.80 min Scan# 174
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tot Ion	64	66	Ratio	Lower	Upper	Resp
3838	100	29.6		22.2	41.2	

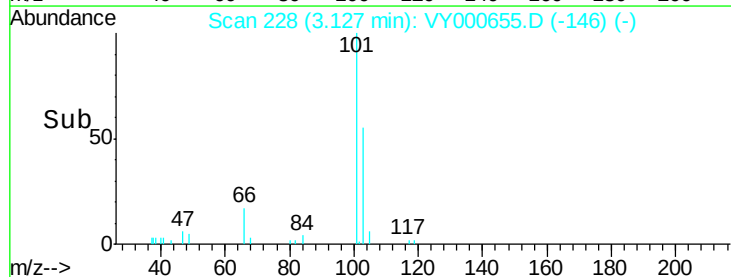
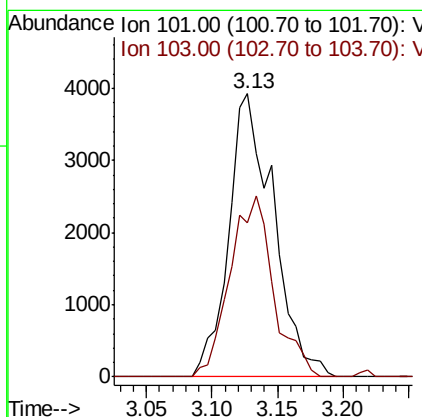
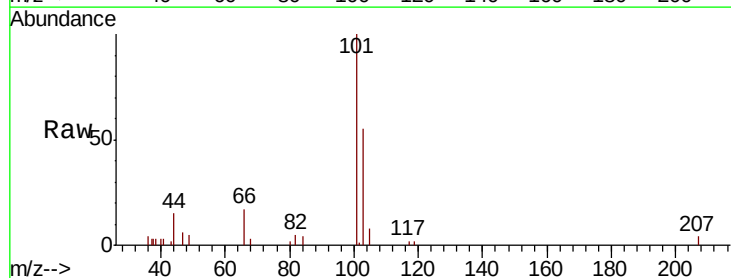
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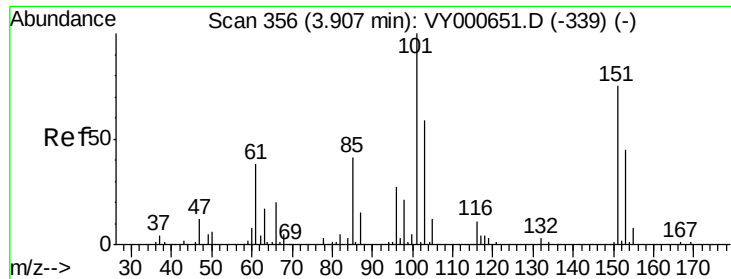
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#9
Trichlorofluoromethane
Concen: 1.101 ug/L m
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion	101	103	Ratio	Lower	Upper	Resp
9302	100	58.6		45.8	85.0	





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.292 ug/L m

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

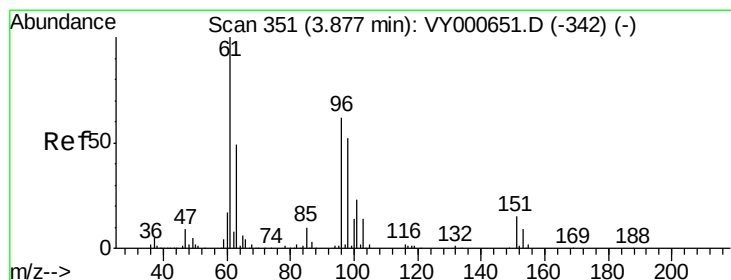
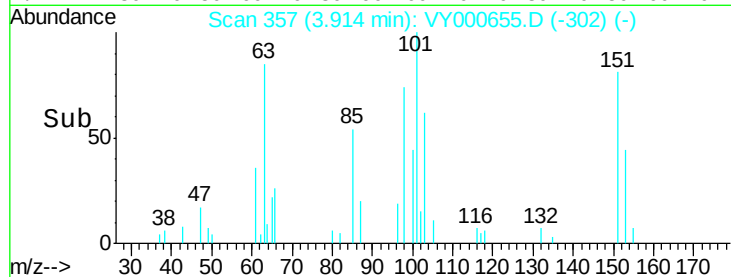
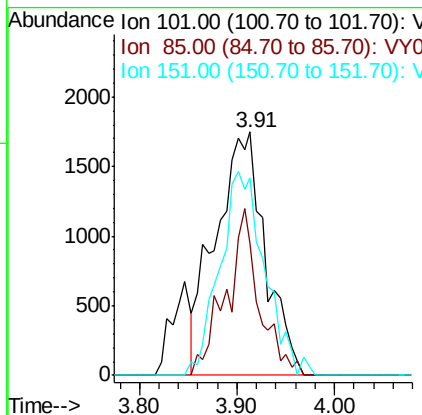
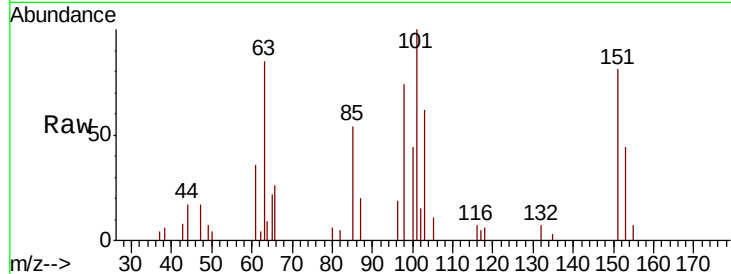
ClientSampleId :

MDL03

Tot Ion:	101	Resp:	6188
Ion Ratio	Lower	Upper	
101	100		
85	25.8	35.3	52.9#
151	44.2	61.9	92.9#

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.306 ug/L m

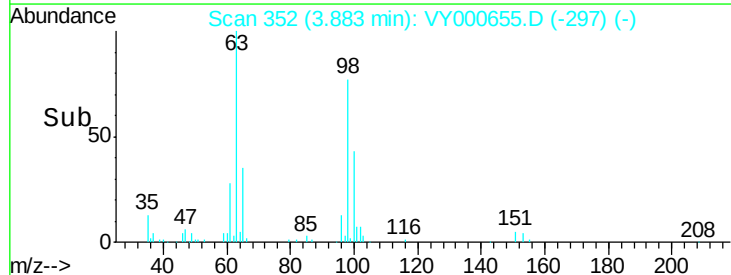
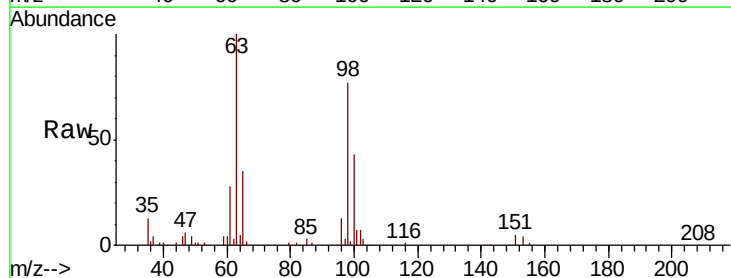
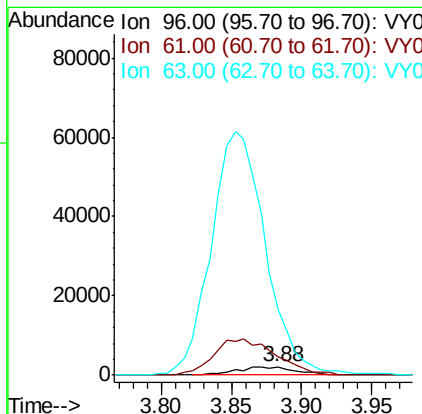
RT: 3.88 min Scan# 352

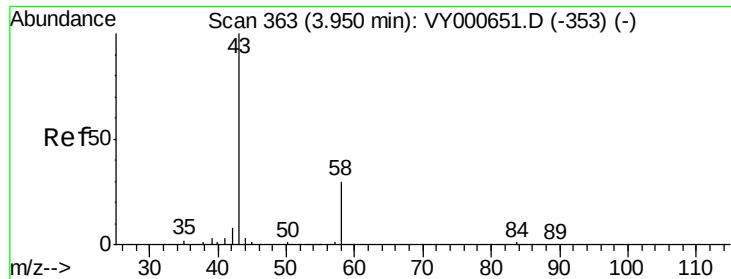
Delta R.T. 0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Tgt Ion:	96	Resp:	6106
Ion Ratio	Lower	Upper	
96	100		
61	213.9	113.5	210.9#
63	768.6	94.3	175.1#





#13

Acetone

Concen: 3.094 ug/L m

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion: 43 Resp: 4759

Ion Ratio Lower Upper

43 100

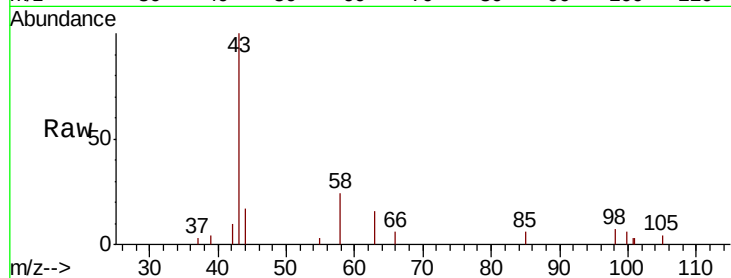
58 10.9 0.0 64.8

Manual Integrations

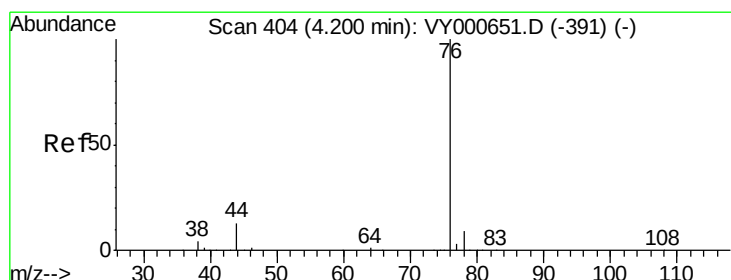
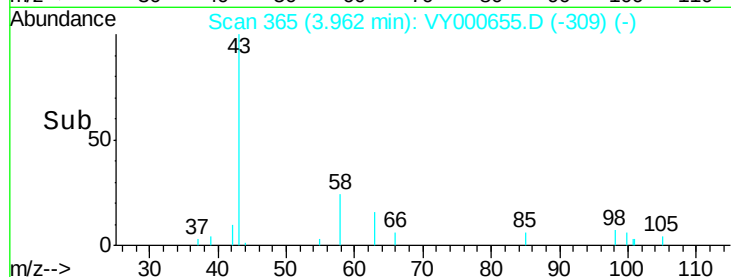
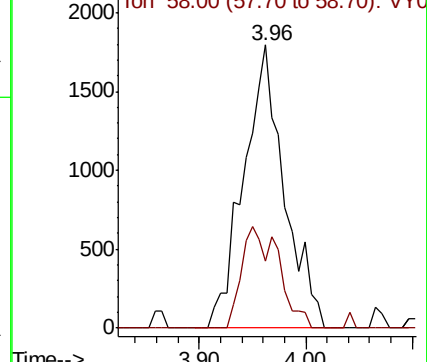
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11/15/2019 3:07:01 PM



Abundance Ion 43.00 (42.70 to 43.70): VY000655.D (-363) (-)



#14

Carbon disulfide

Concen: 0.996 ug/L

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000655.D

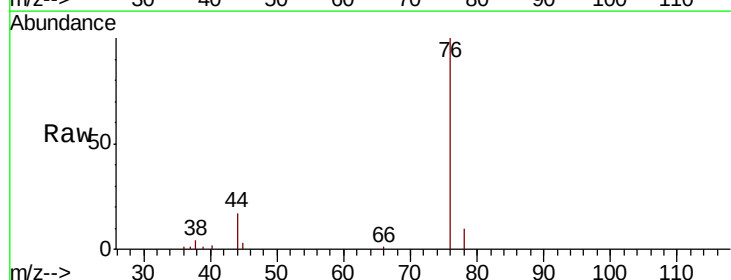
Acq: 12 Nov 2019 14:57

Tgt Ion: 76 Resp: 14376

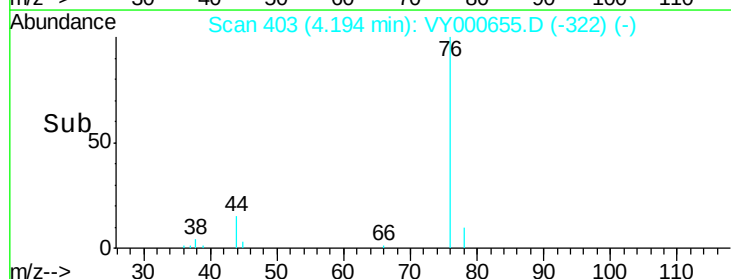
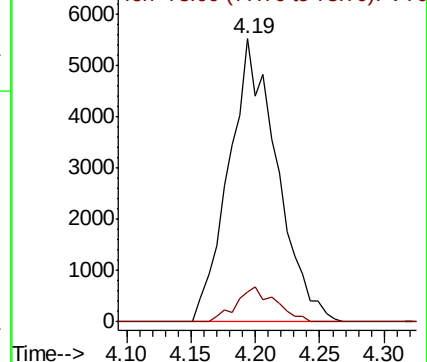
Ion Ratio Lower Upper

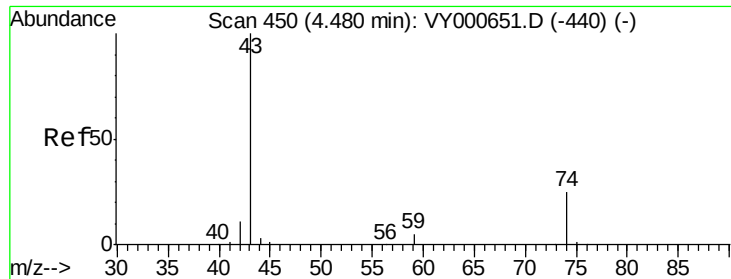
76 100

78 10.5 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VY000655.D (-404) (-)





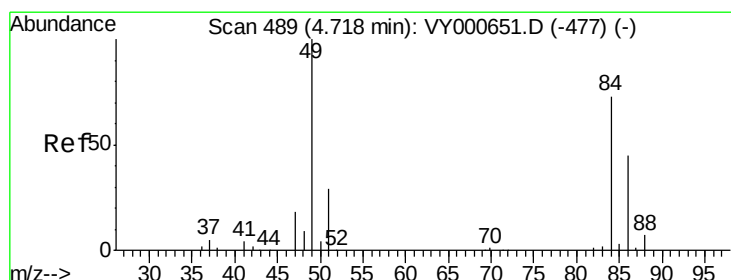
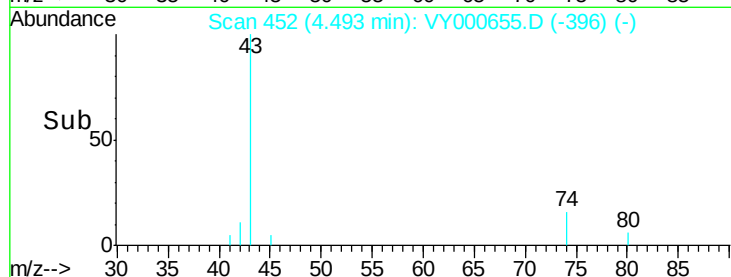
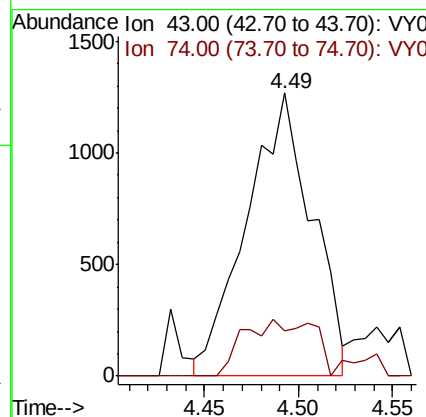
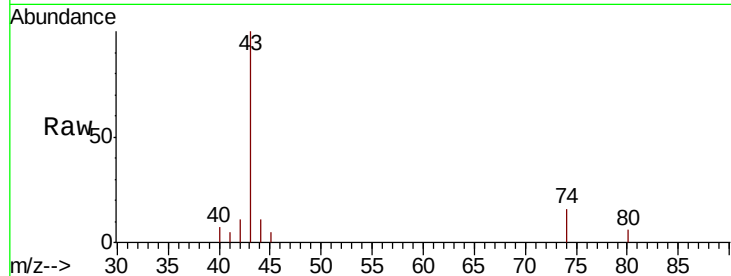
#15
Methvl Acetate
Concen: 0.873 ug/L m
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampled :
MDL03

Tot Ion: 43 Resp: 3075
Ion Ratio Lower Upper
43 100
74 2.0 18.1 27.1#

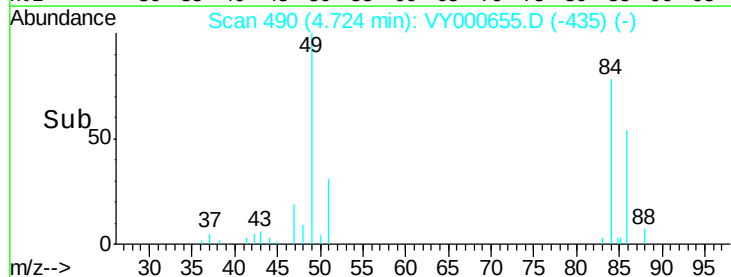
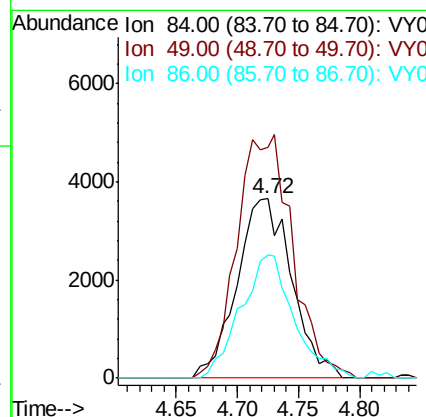
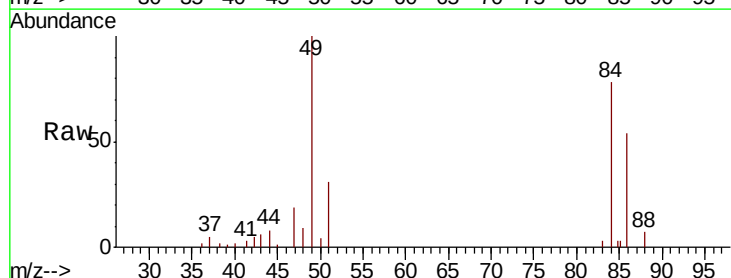
Manual Integrations
APPROVED

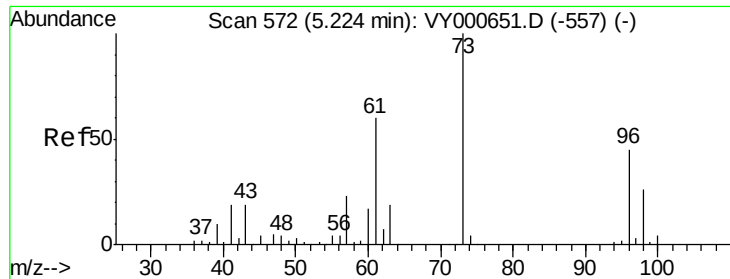
MMDadoda
11/15/2019 3:07:01 PM



#16
Methylene chloride
Concen: 1.917 ug/L
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion: 84 Resp: 11416
Ion Ratio Lower Upper
84 100
49 129.0 88.8 165.0
86 69.2 43.9 81.5





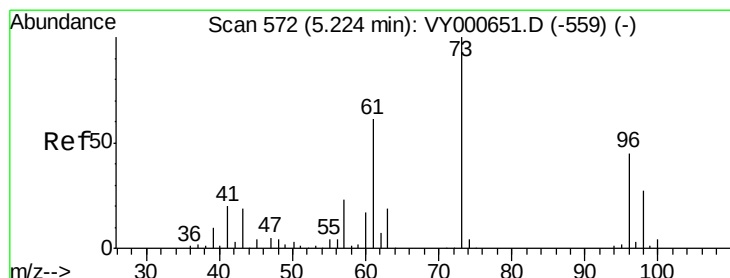
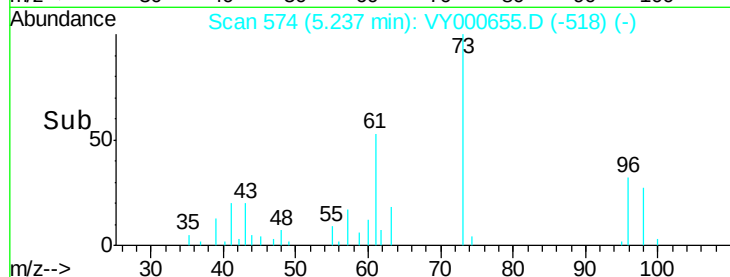
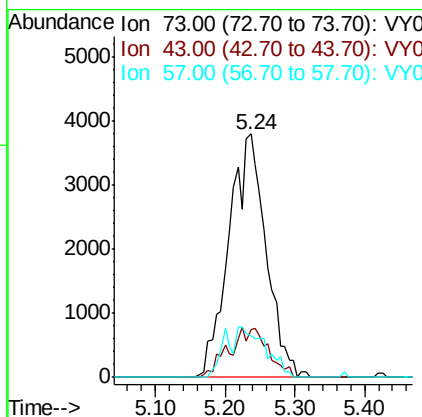
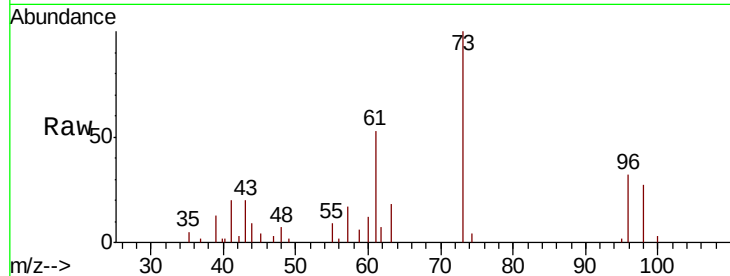
#17
Methyl tert-butyl Ether
Concen: 0.980 ug/L m
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleID :
MDL03

Tot Ion	Ratio	Lower	Upper
73	100		
43	5.1	15.4	23.0#
57	5.5	17.5	26.3#

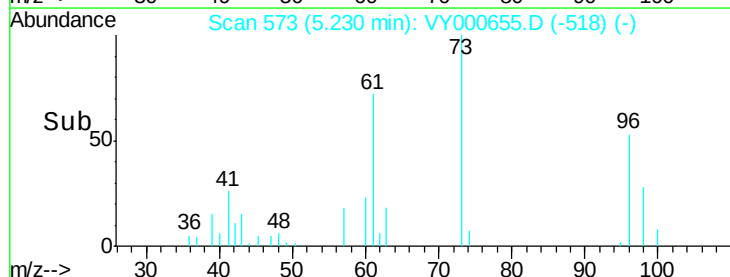
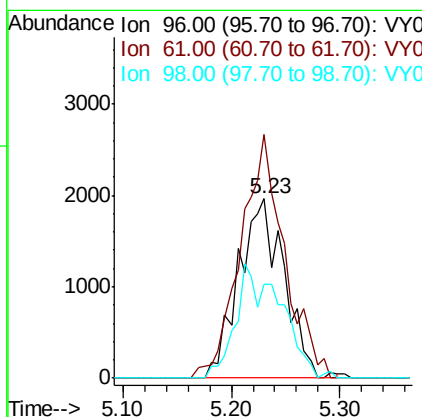
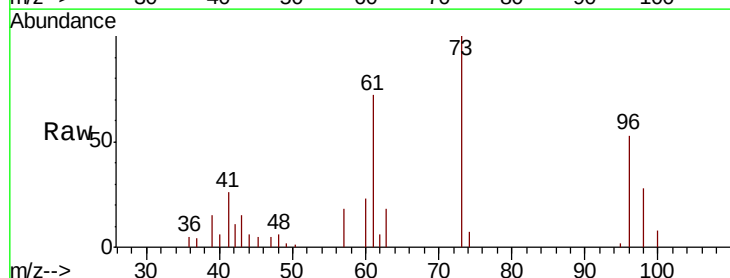
Manual Integrations
APPROVED

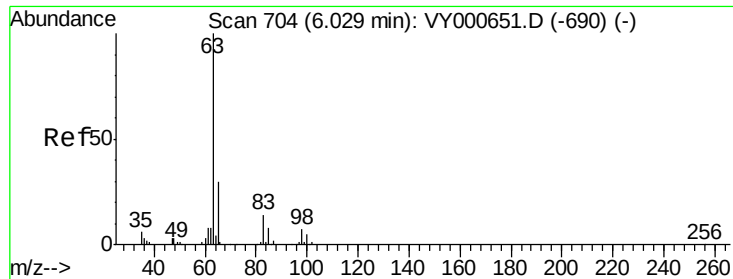
MMDadoda
11/15/2019 3:07:01 PM



#18
trans-1,2-Dichloroethene
Concen: 1.099 ug/L m
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.7	91.8	170.4
98	52.4	46.3	85.9





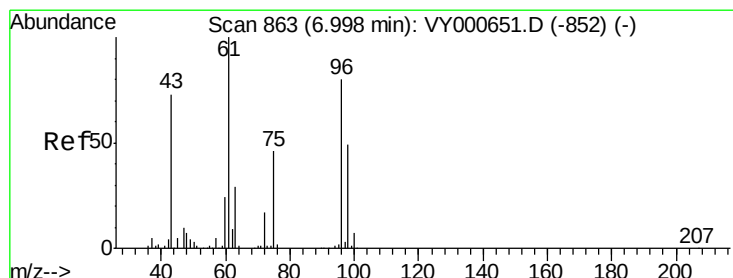
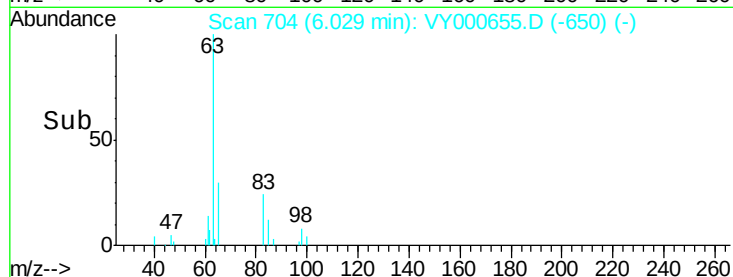
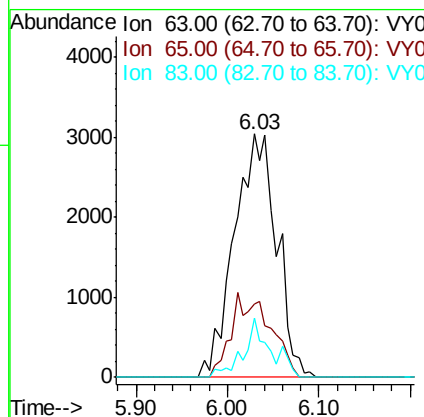
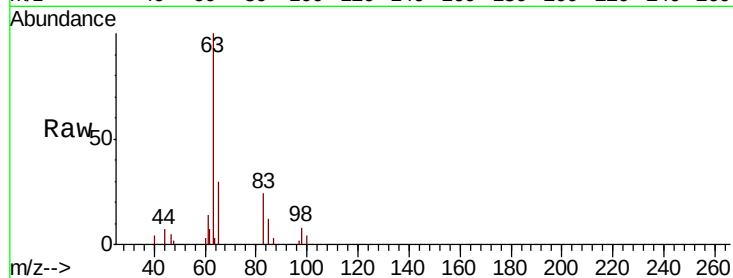
#19
 1,1-Dichloroethane
 Concen: 1.060 ug/L m
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.9	44.5
83	24.5	10.1	18.9#

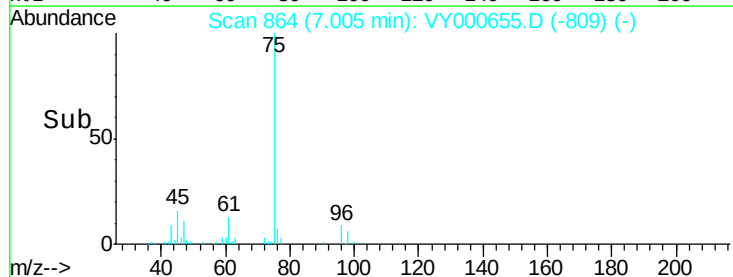
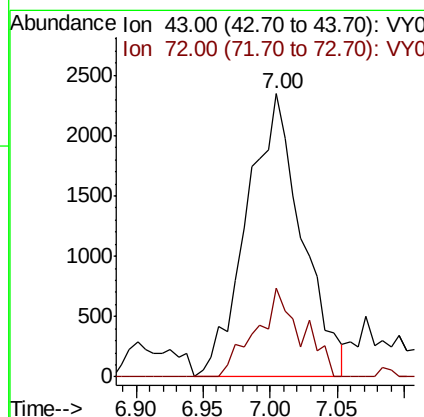
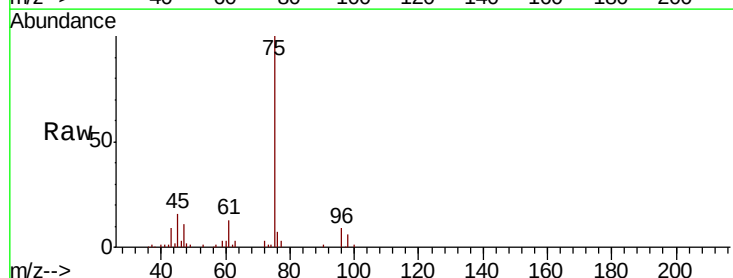
Manual Integrations
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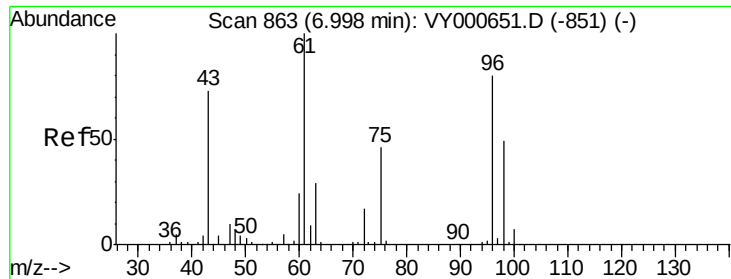
MMDadoda
 11/15/2019 3:07:01 PM



#21
 2-Butanone
 Concen: 2.476 ug/L m
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
72	6.6	12.6	37.8#





#22

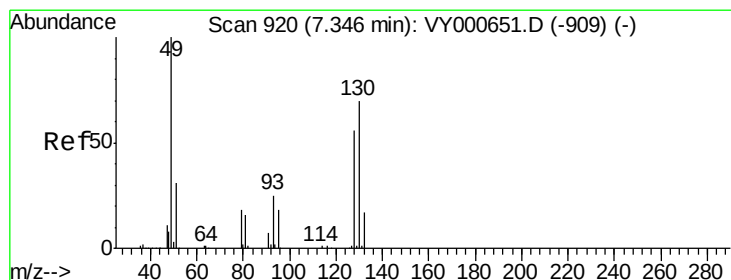
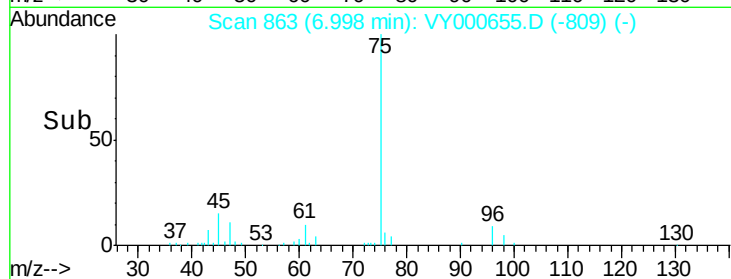
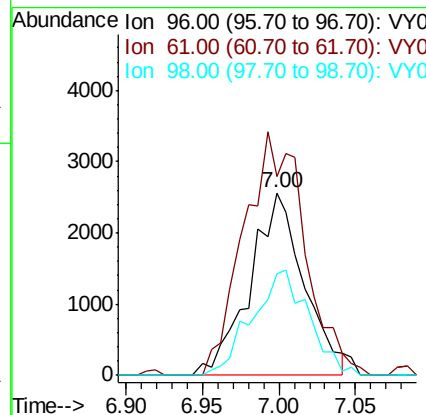
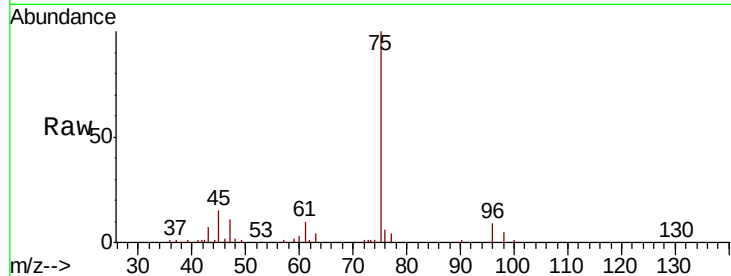
cis-1,2-Dichloroethene
Concen: 1.093 ug/L
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
96	100		
61	108.8	86.8	161.2
98	55.8	44.6	82.8

Manual Integrations
APPROVED

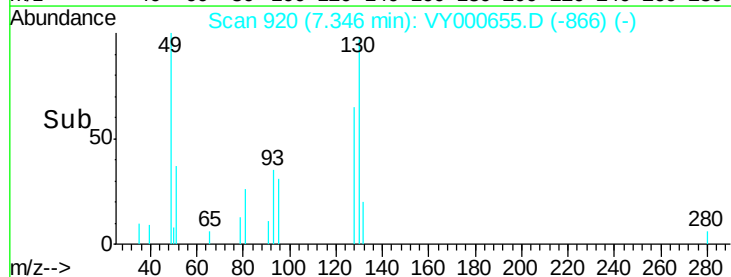
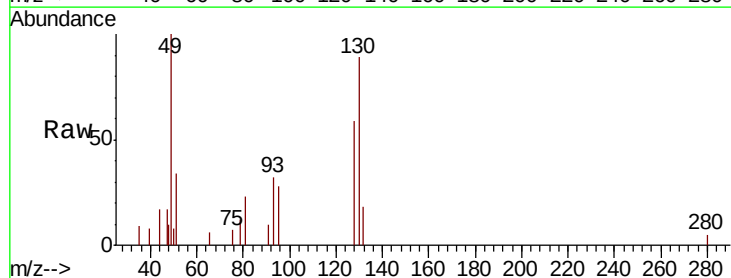
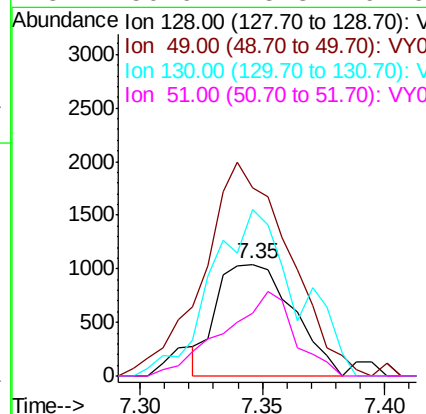
MMDadoda
11/15/2019 3:07:01 PM

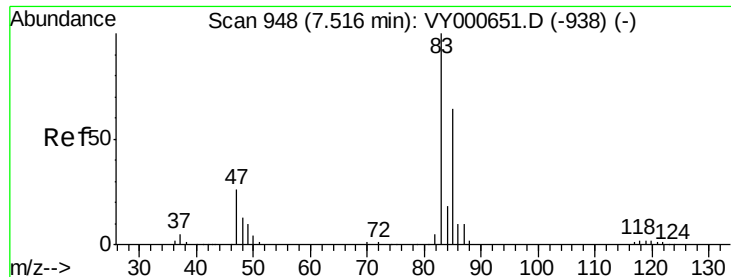


#23

Bromochloromethane
Concen: 0.897 ug/L
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
128	100		
49	168.4	131.5	244.3
130	149.0	96.7	179.5
51	56.6	45.3	67.9





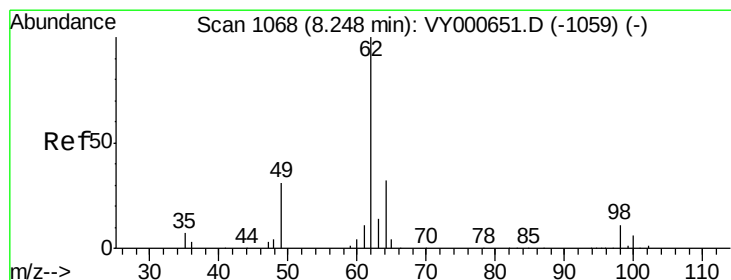
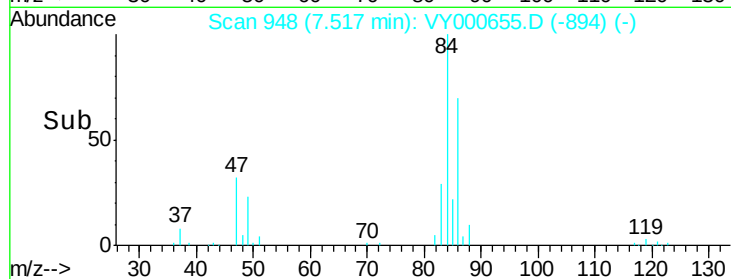
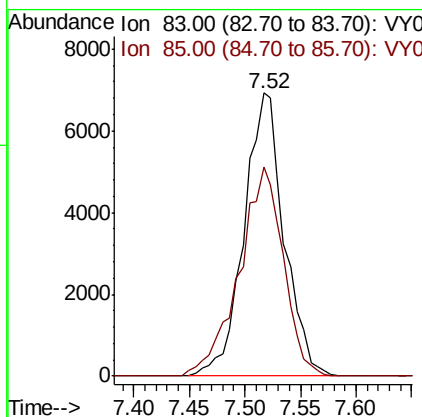
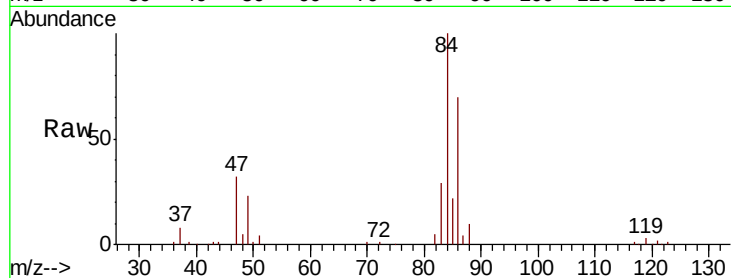
#25
Chloroform
Concen: 1.751 ug/L
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampled :
MDL03

Tot Ion: 83 Resp: 17342
Ion Ratio Lower Upper
83 100
85 81.5 45.6 84.6

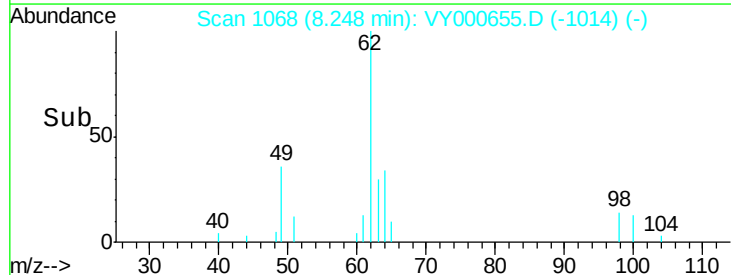
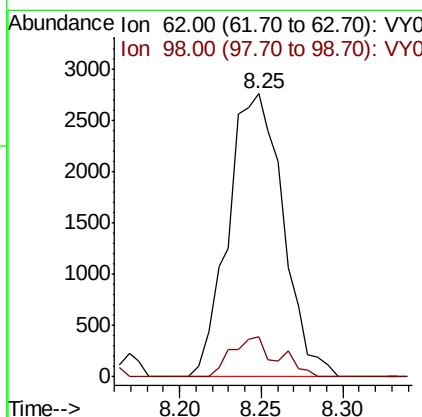
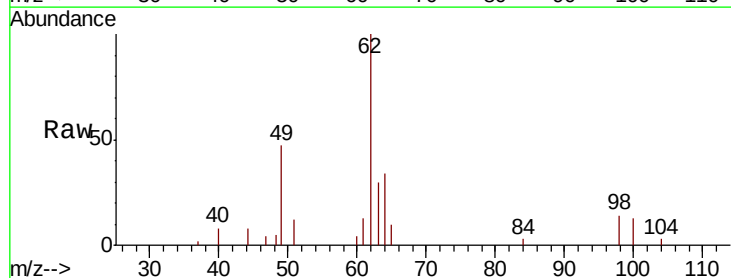
Manual Integrations
APPROVED

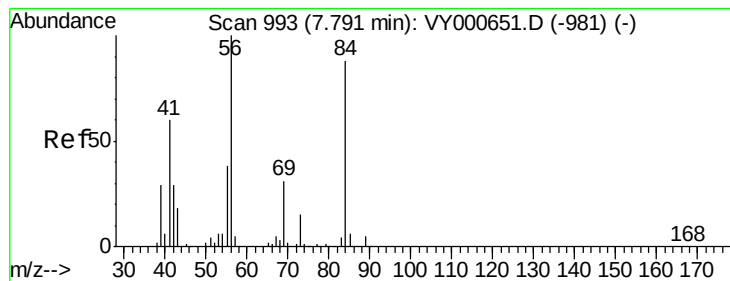
MMDadoda
11/15/2019 3:07:01 PM



#27
1,2-Dichloroethane
Concen: 0.973 ug/L
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion: 62 Resp: 6445
Ion Ratio Lower Upper
62 100
98 14.1 7.5 11.3#





#30

Cyclohexane

Concen: 1.026 ug/L

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

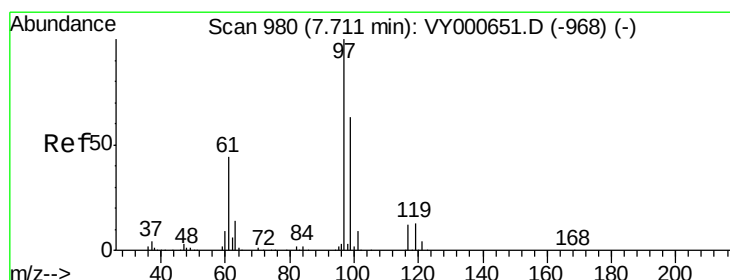
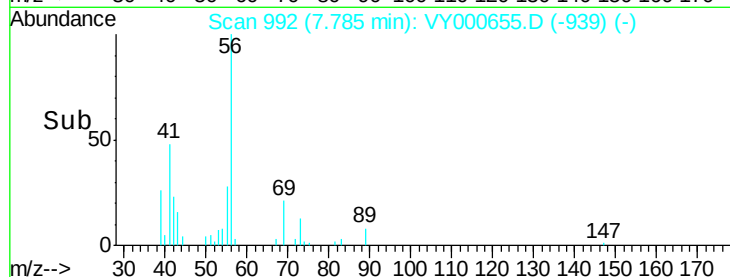
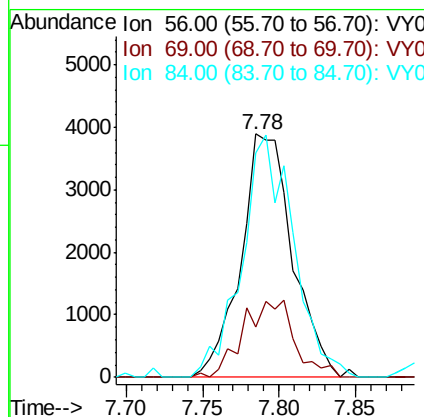
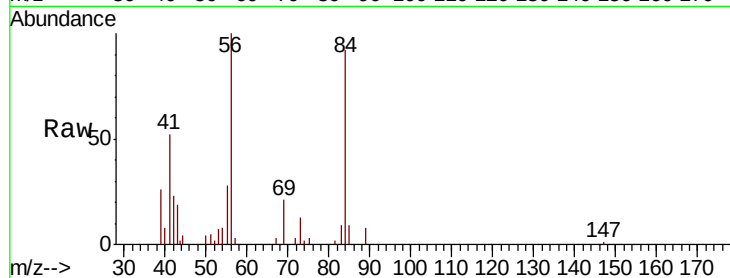
ClientSampled :

MDL03

Tot Ion:	56	Resp:	9176
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.1	36.1
84	98.7	70.2	105.4

Manual Integrations
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11/15/2019 3:07:01 PM



#31

1,1,1-Trichloroethane

Concen: 1.082 ug/L m

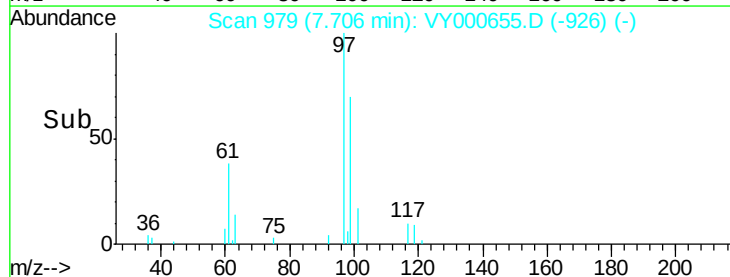
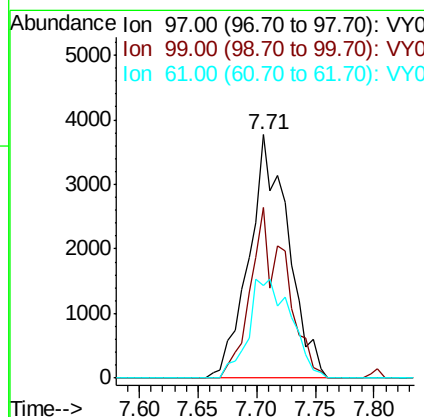
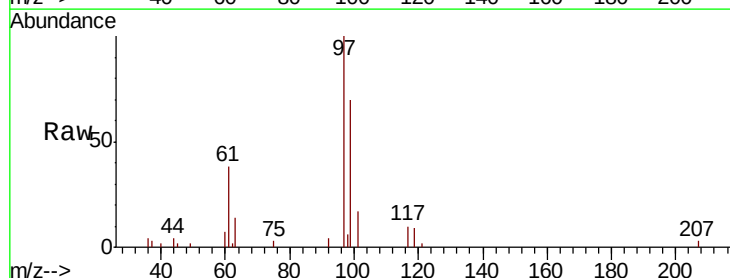
RT: 7.71 min Scan# 979

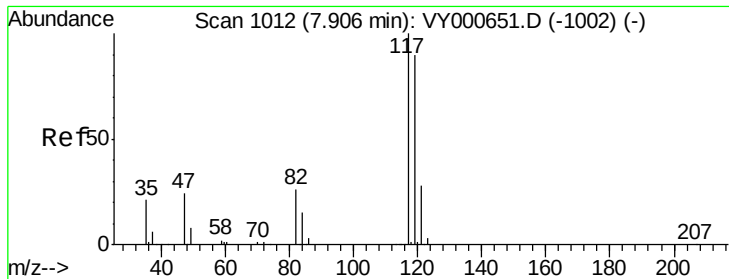
Delta R.T. -0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Tgt Ion:	97	Resp:	8743
Ion	Ratio	Lower	Upper
97	100		
99	35.1	51.4	77.0#
61	0.0	34.7	52.1#





#32

Carbon tetrachloride

Concen: 1.039 ug/L

RT: 7.91 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

Tot Ion:117 Resp: 7315

Ion Ratio Lower Upper

117 100

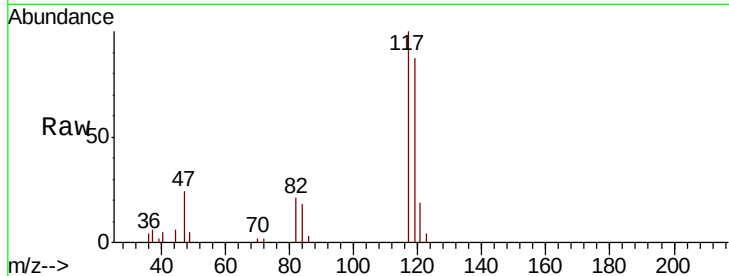
119 104.7 76.2 114.2

Manual Integrations

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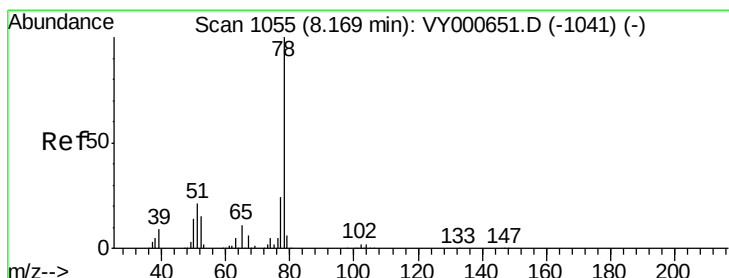
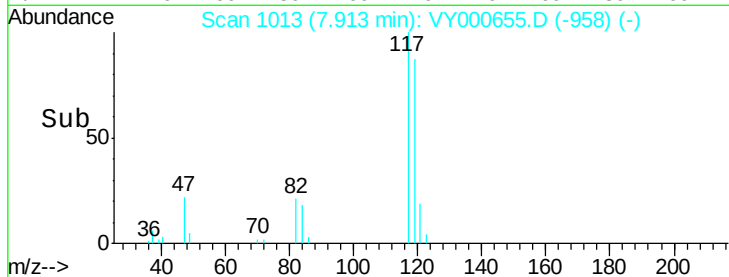
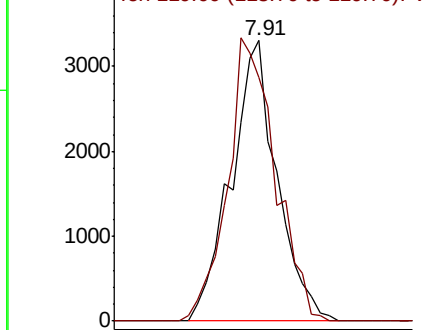
MMDadoda

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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 1.117 ug/L

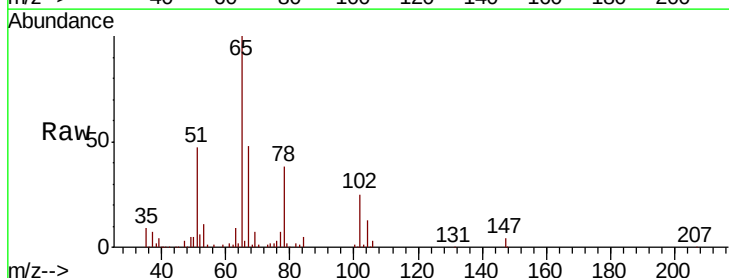
RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

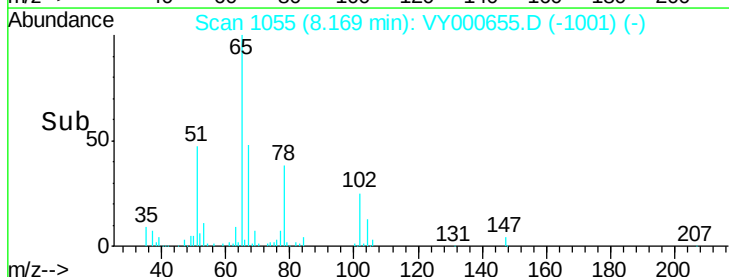
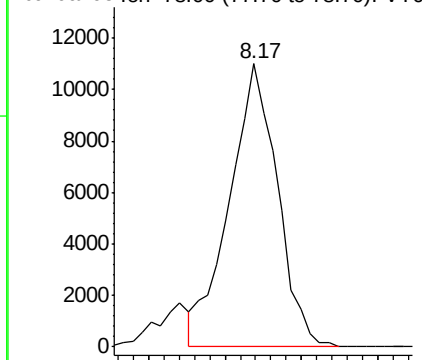
Lab File: VY000655.D

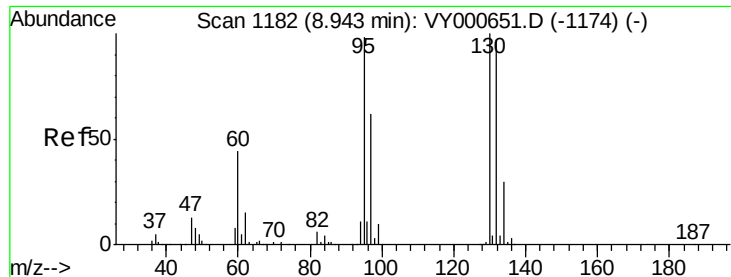
Acq: 12 Nov 2019 14:57

Tgt Ion: 78 Resp: 23940



Abundance Ion 78.00 (77.70 to 78.70): VY0





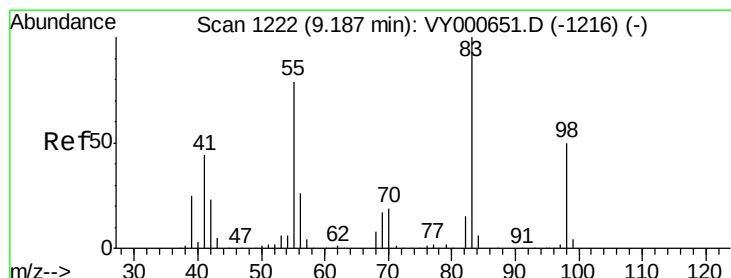
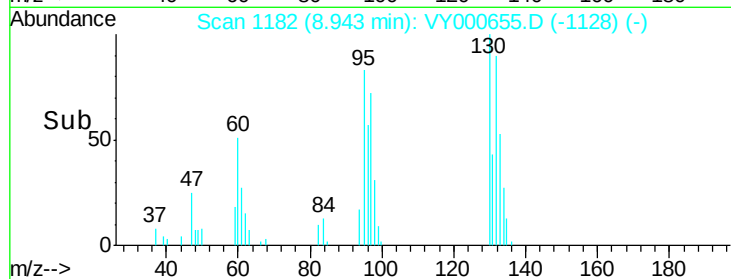
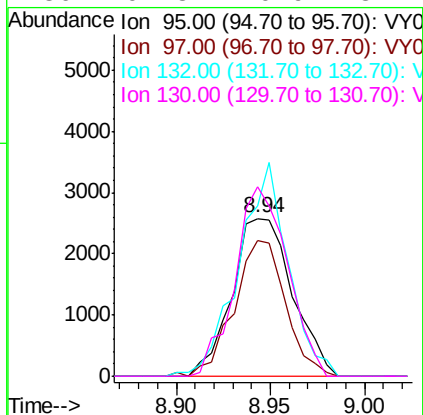
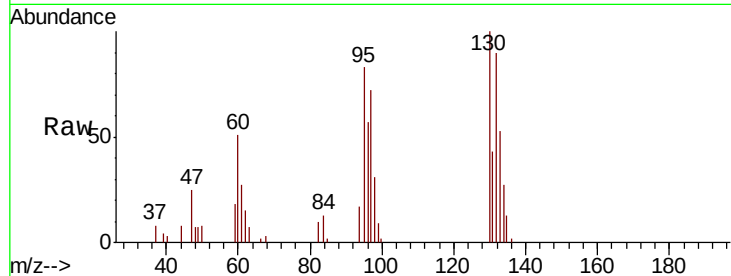
#35
 Trichloroethene
 Concen: 1.019 ug/L
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleID :
 MDL03

Tot Ion:	95	Resp:	5728
Ion	Ratio	Lower	Upper
95	100		
97	73.2	44.4	82.4
132	110.9	66.8	124.0
130	104.8	70.9	131.7

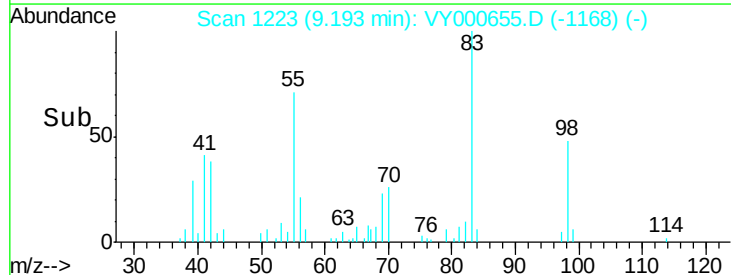
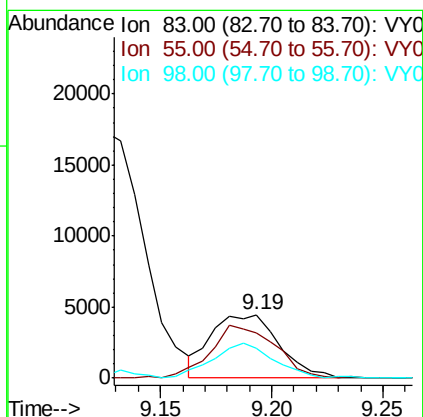
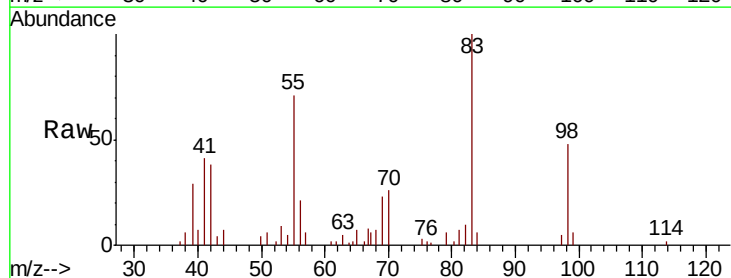
Manual Integrations
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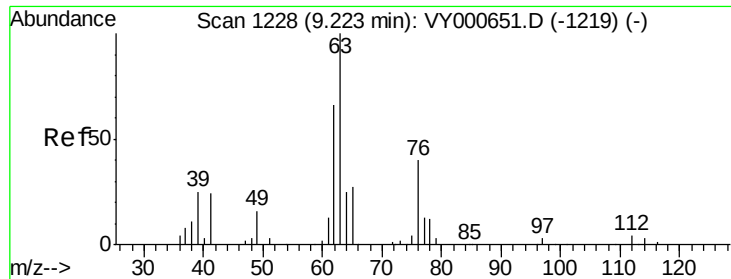
MMDadoda
 11/15/2019 3:07:01 PM



#36
 Methylcyclohexane
 Concen: 0.983 ug/L
 RT: 9.19 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Tgt Ion:	83	Resp:	9452
Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.0	90.0
98	49.8	40.2	60.2





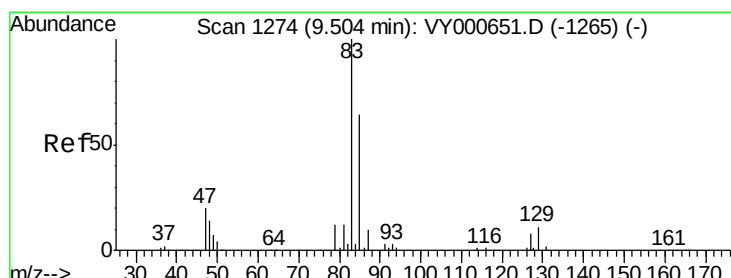
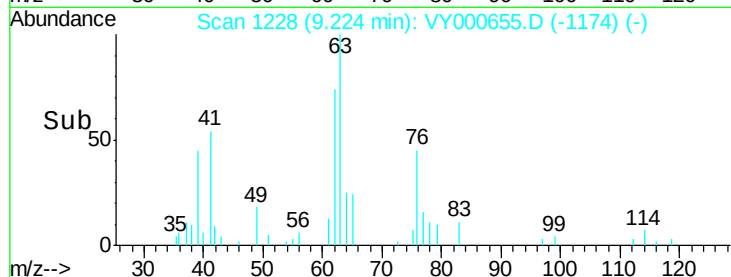
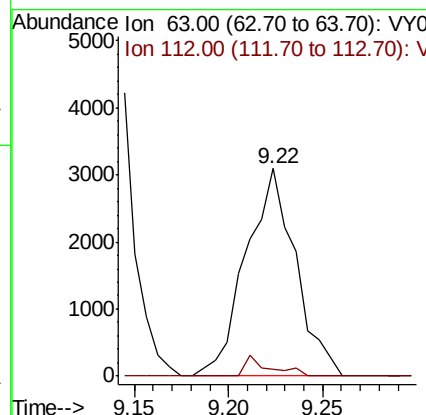
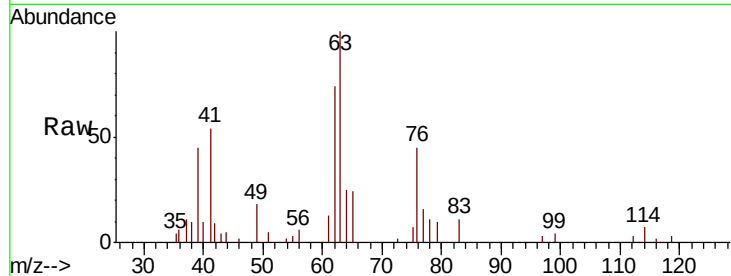
#40
1,2-Dichloropropane
Concen: 1.038 ug/L
RT: 9.22 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tot Ion: 63 Resp: 5638
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8

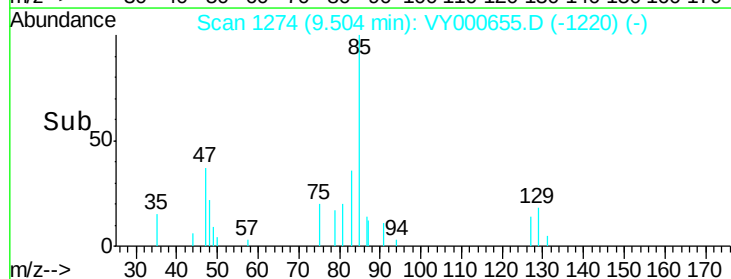
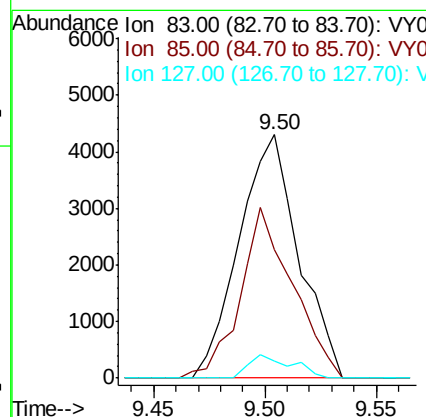
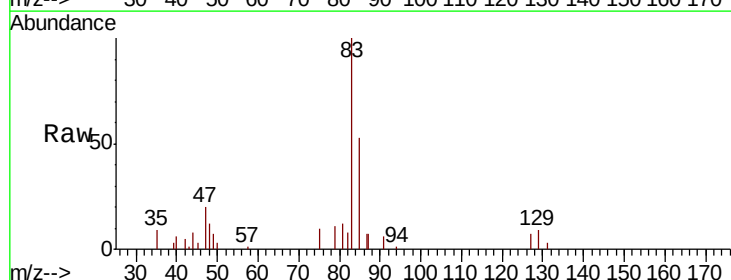
Manual Integrations
APPROVED

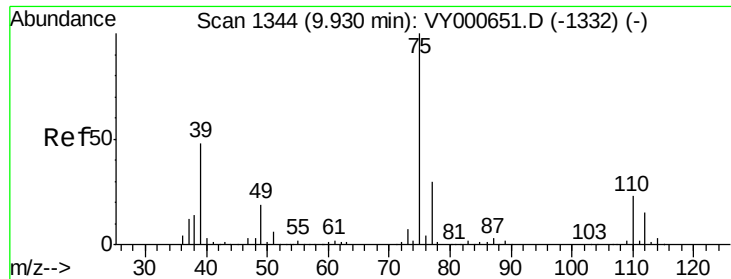
MMDadoda
11/15/2019 3:07:01 PM



#41
Bromodichloromethane
Concen: 1.147 ug/L
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion: 83 Resp: 8019
Ion Ratio Lower Upper
83 100
85 52.8 46.1 85.5
127 6.9 6.5 9.7





#42

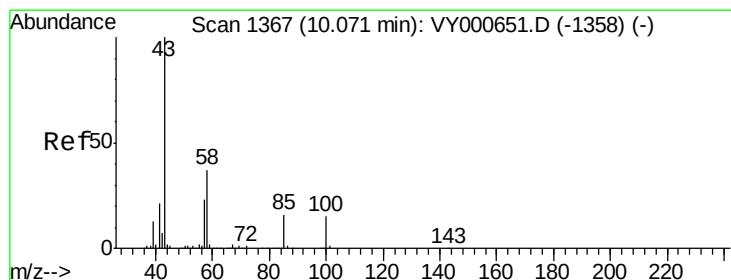
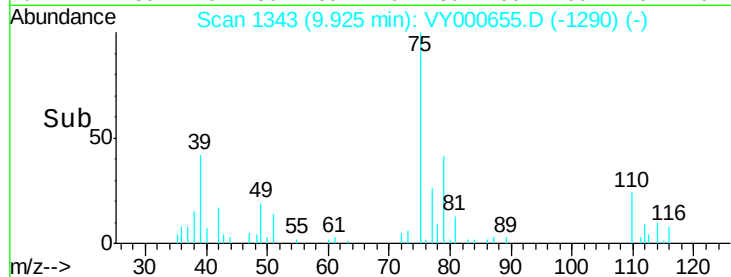
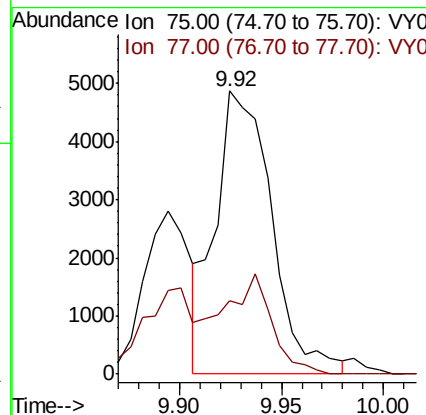
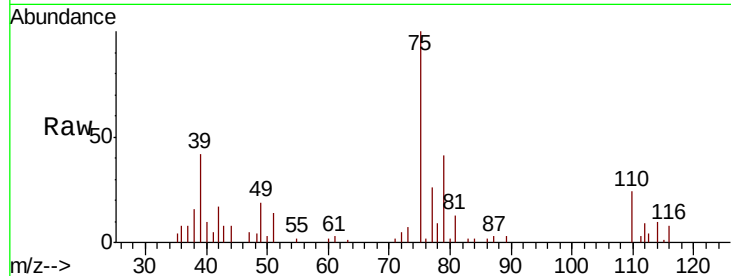
cis-1,3-Dichloropropene
Concen: 1.062 ug/L
RT: 9.92 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
75	100		
77	26.0	21.7	40.3

Manual Integrations
APPROVED

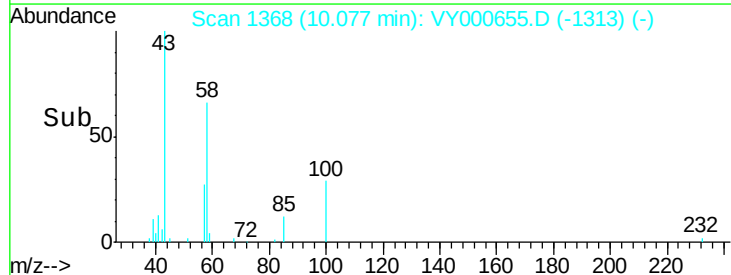
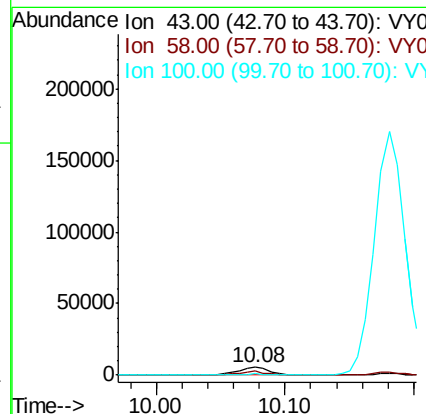
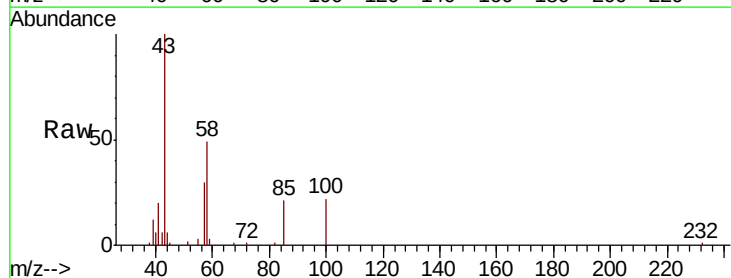
MMDadoda
11/15/2019 3:07:01 PM

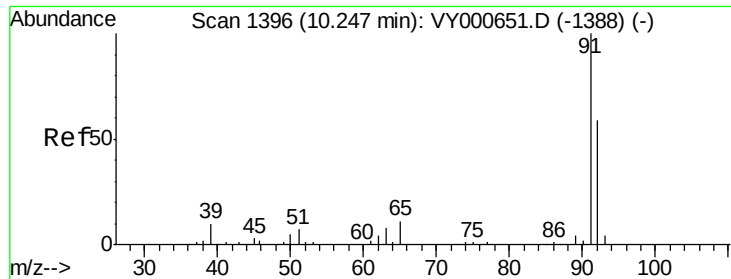


#43

4-Methyl-2-pentanone
Concen: 1.920 ug/L
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.6	45.8
100	14.8	12.0	18.0





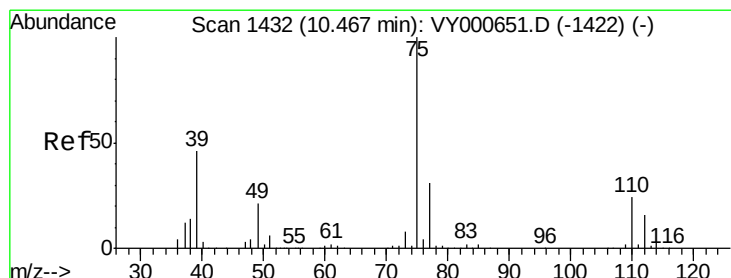
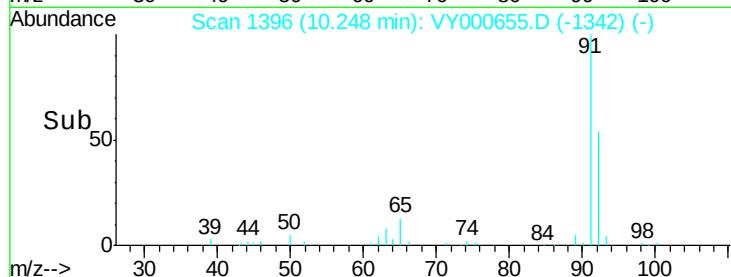
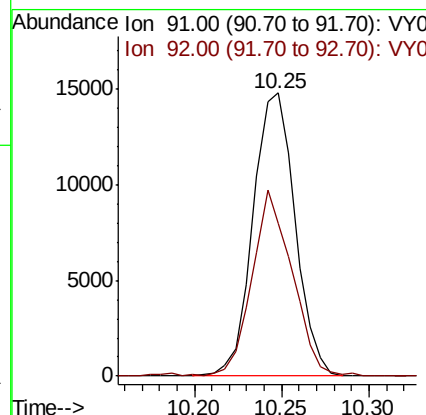
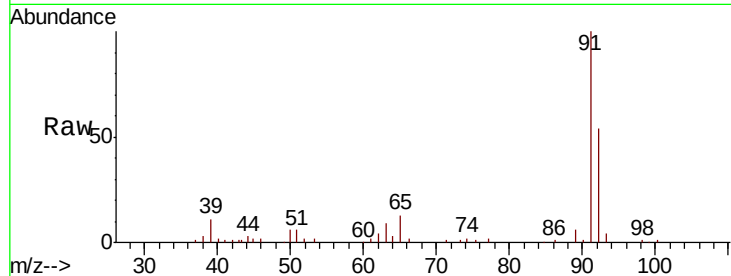
#44
Toluene
Concen: 1.070 ug/L
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampled :
MDL03

Tot Ion: 91 Resp: 24787
Ion Ratio Lower Upper
91 100
92 53.8 39.5 73.4

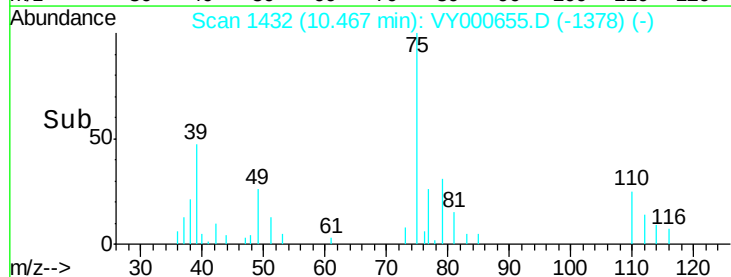
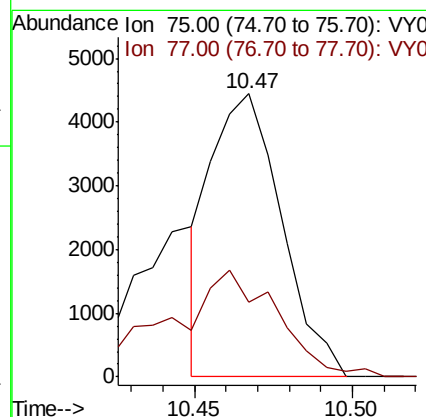
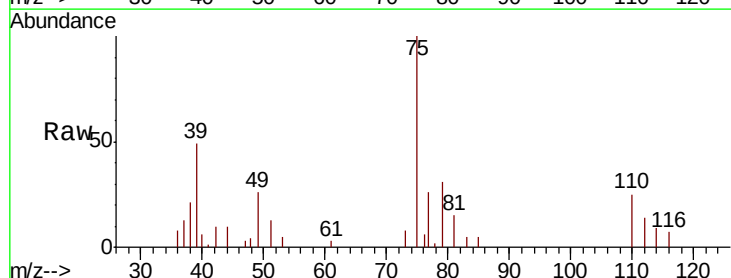
Manual Integrations
APPROVED

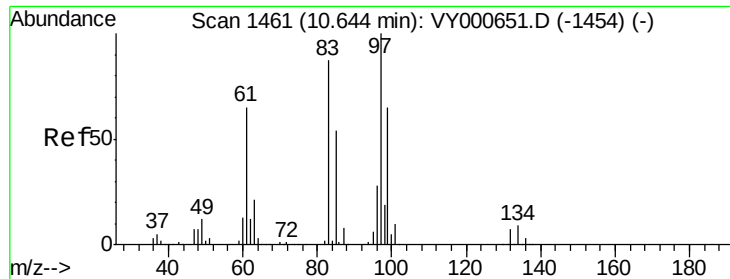
MMDadoda
11/15/2019 3:07:01 PM



#45
trans-1,3-Dichloropropene
Concen: 0.920 ug/L m
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion: 75 Resp: 6917
Ion Ratio Lower Upper
75 100
77 26.2 20.4 37.8





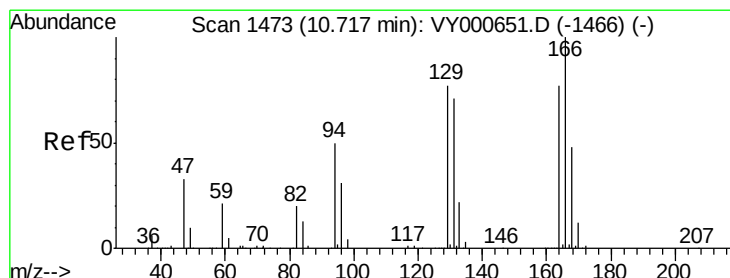
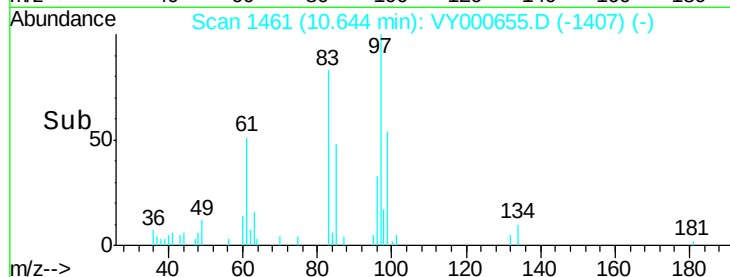
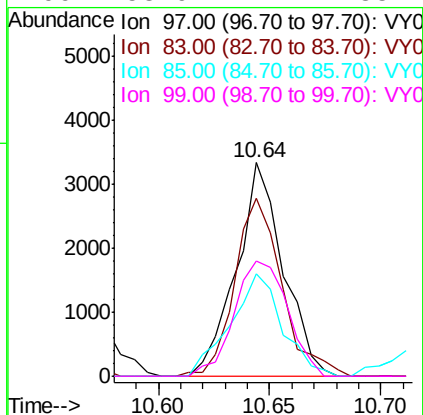
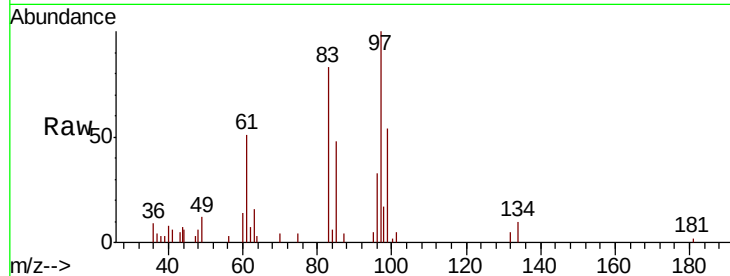
#46
1,1,2-Trichloroethane
Concen: 1.098 ug/L
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	58.7	109.1
85	48.1	37.3	69.3
99	53.9	44.7	83.1

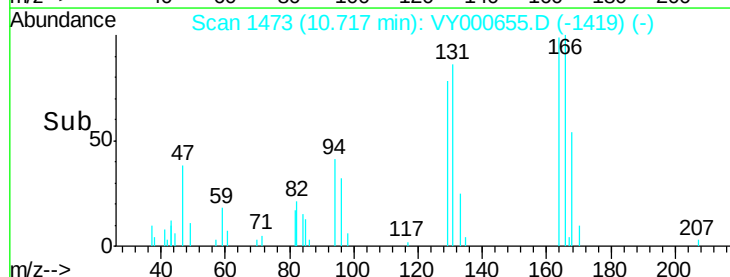
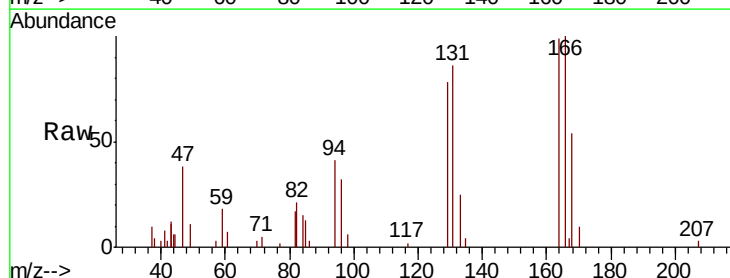
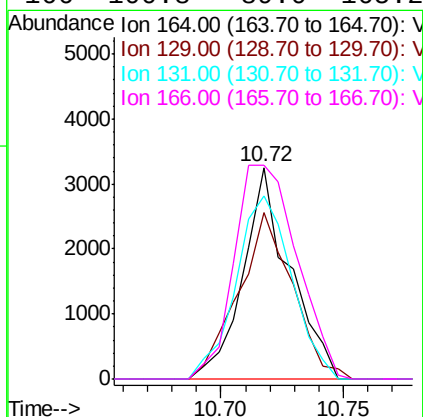
Manual Integrations
APPROVED

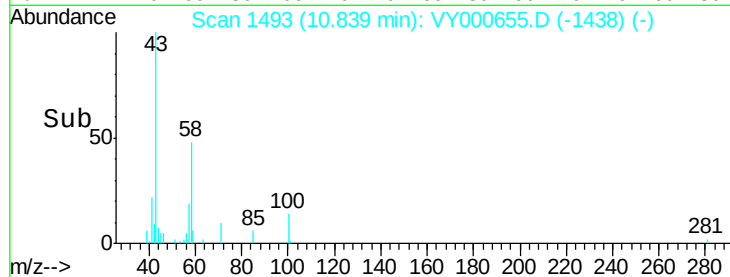
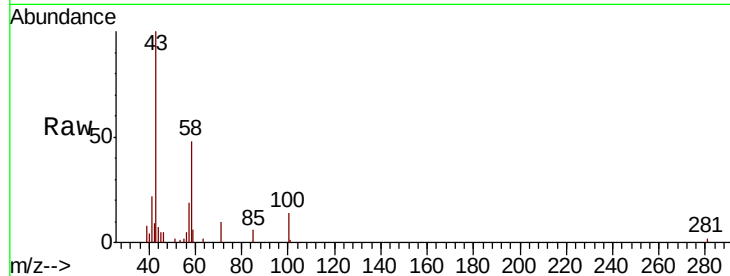
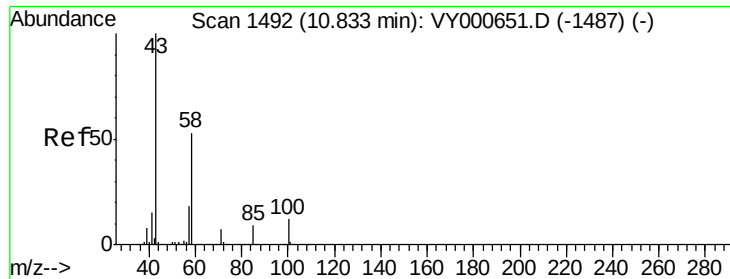
MMDadoda
11/15/2019 3:07:01 PM



#47
Tetrachloroethene
Concen: 1.031 ug/L
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
164	100		
129	78.5	69.6	129.2
131	86.7	66.8	124.2
166	100.8	89.0	165.2





#49

2-Hexanone

Concen: 2.210 ug/L m

RT: 10.84 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	48.9	44.1	66.1	
57	18.2	13.9	20.9	
100	12.0	9.5	14.3	

Instrument :

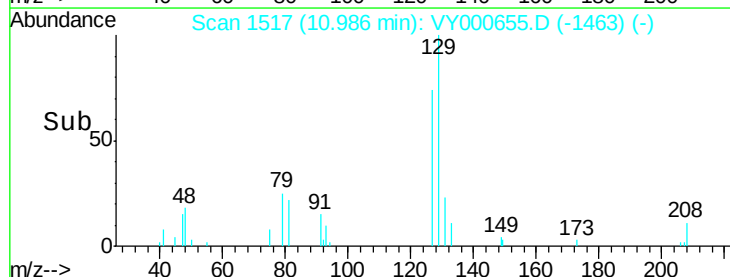
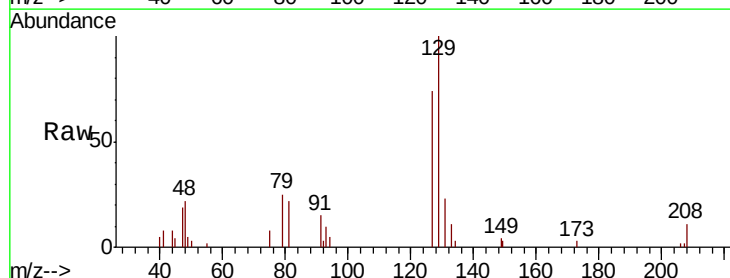
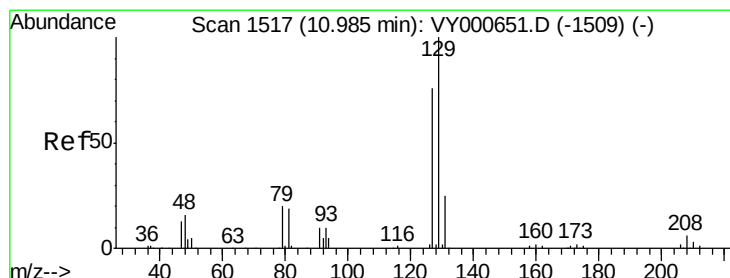
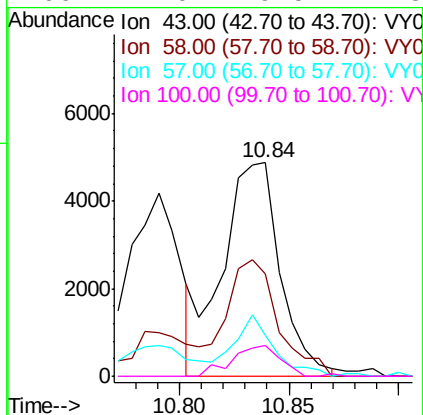
MSVOA_Y

ClientSampled :

MDL03

Manual Integrations
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#50

Dibromochloromethane

Concen: 0.853 ug/L

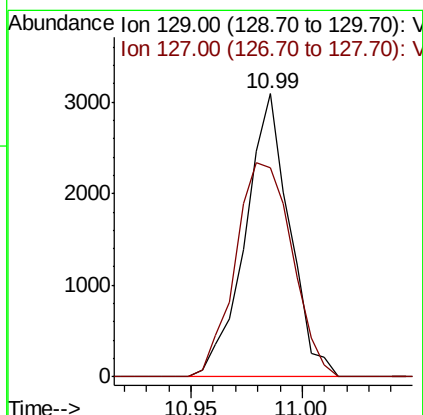
RT: 10.99 min Scan# 1517

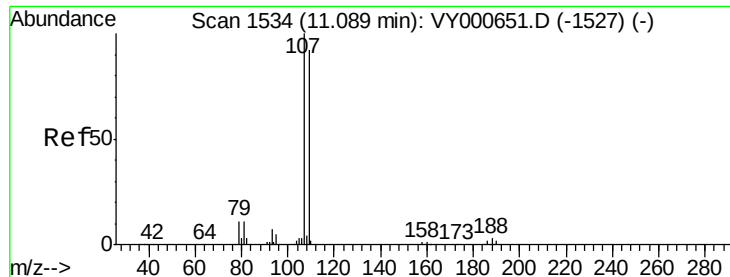
Delta R.T. 0.00 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	73.9	57.9	107.5	





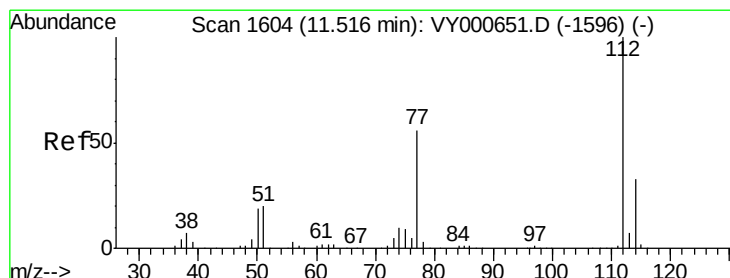
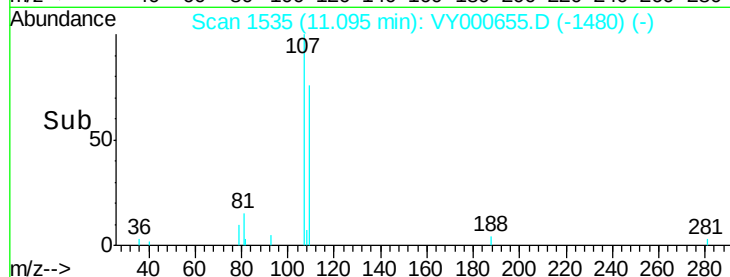
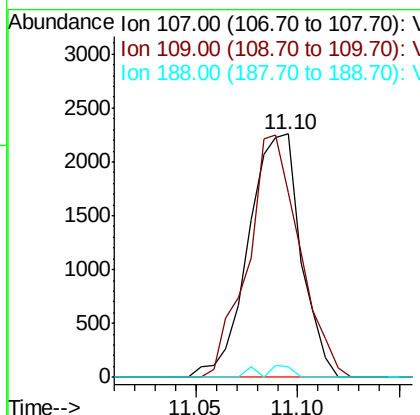
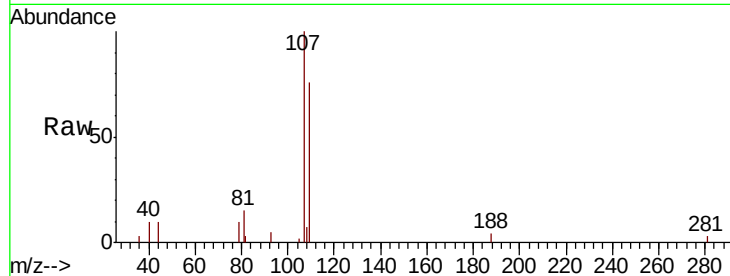
#51
1,2-Dibromoethane
Concen: 0.930 ug/L
RT: 11.10 min Scan# 1535
Delta R.T. 0.01 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Tot Ion	Ratio	Lower	Upper
107	100		
109	75.7	65.5	121.6
188	4.1	2.7	4.1#

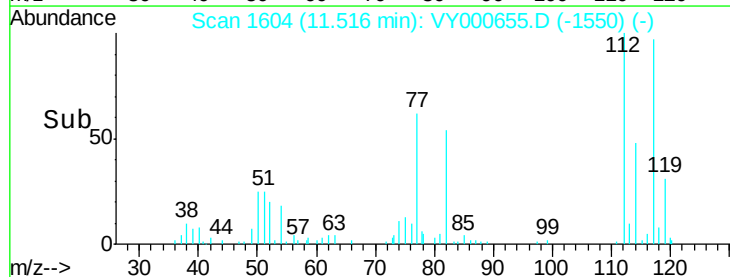
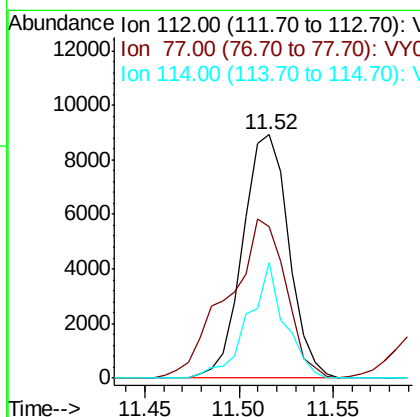
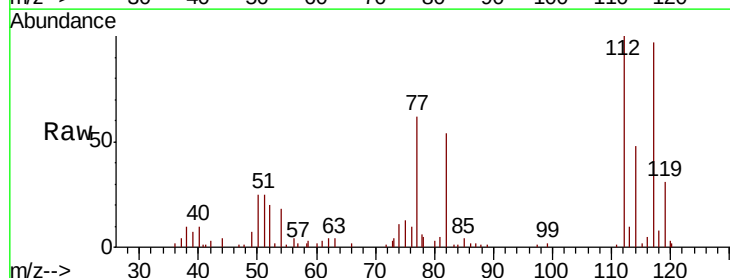
Manual Integrations
APPROVED

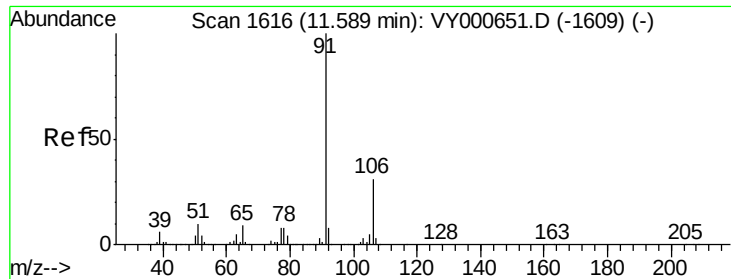
MMDadoda
11/15/2019 3:07:01 PM



#52
Chlorobenzene
Concen: 1.029 ug/L
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000655.D
Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
77	62.2	47.4	71.0
114	47.6	23.0	42.6#





#53

Ethylbenzene

Concen: 1.022 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL03

Tot Ion: 91 Resp: 26801

Ion Ratio Lower Upper

91 100

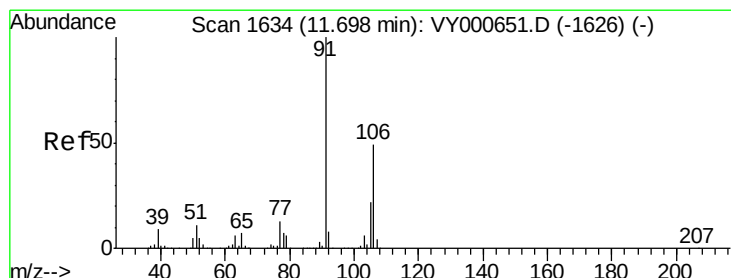
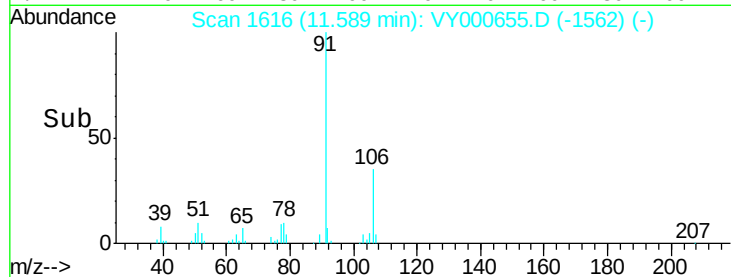
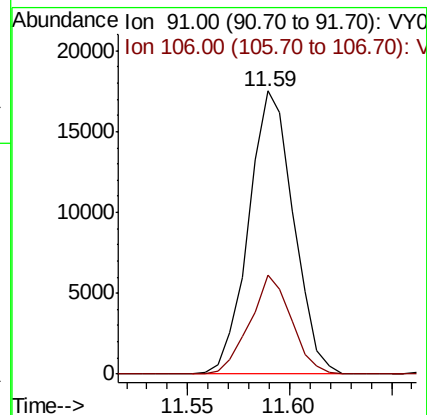
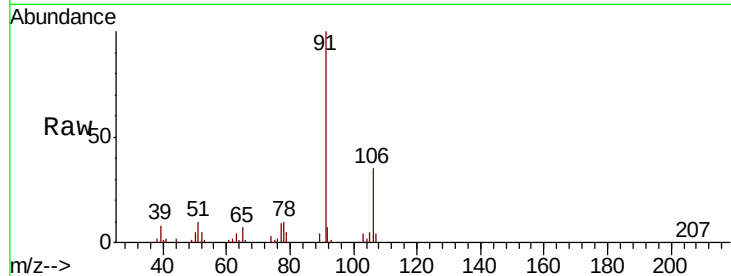
106 34.8 20.9 38.7

Manual Integrations

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#54

m,p-Xylene

Concen: 0.985 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000655.D

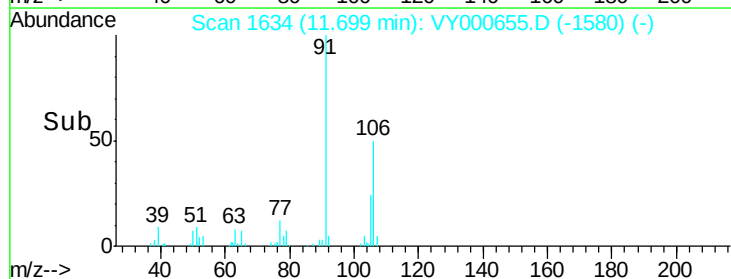
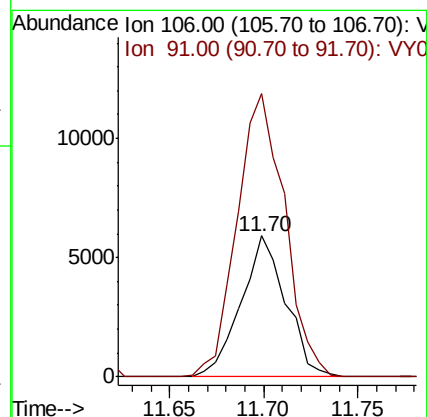
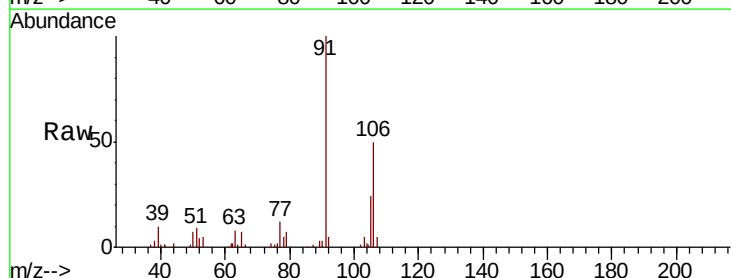
Acq: 12 Nov 2019 14:57

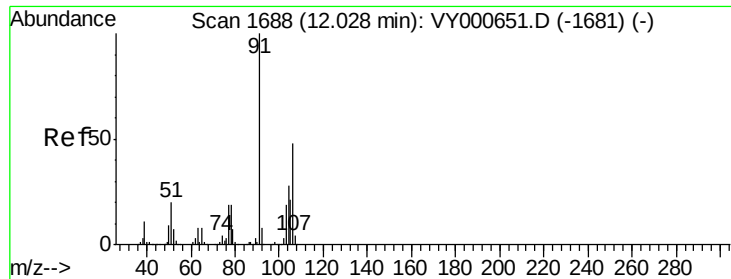
Tgt Ion: 106 Resp: 9776

Ion Ratio Lower Upper

106 100

91 201.0 137.4 255.2





#55

o-xylene

Concen: 0.975 ug/L

RT: 12.03 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

ClientSampled :

MDL03

Tot Ion:106 Resp: 9493

Ion Ratio Lower Upper

106 100

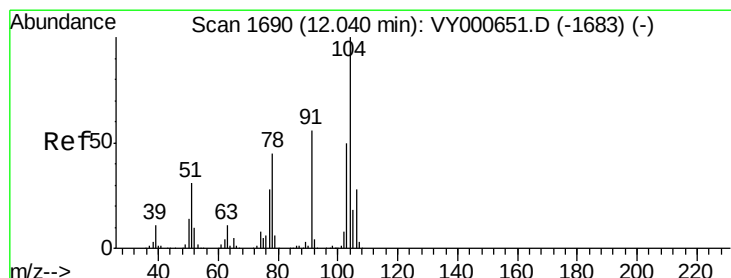
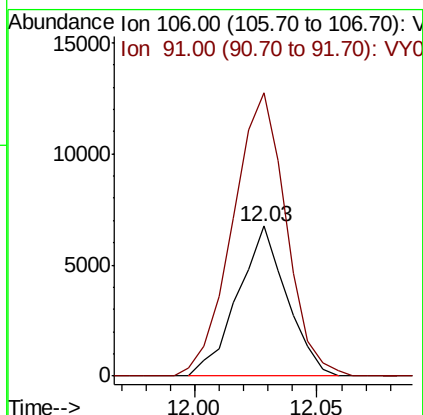
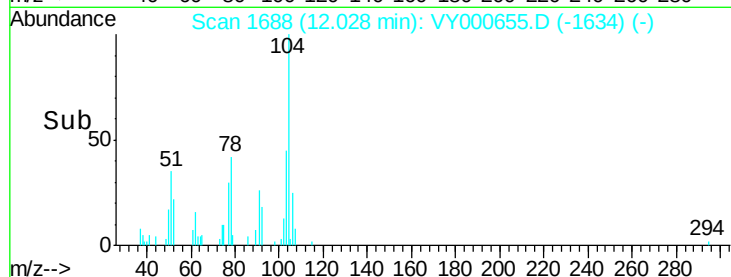
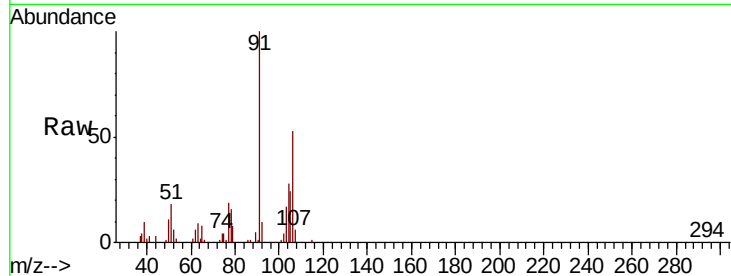
91 189.0 147.8 274.6

Manual Integrations

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#56

Styrene

Concen: 0.973 ug/L

RT: 12.04 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VY000655.D

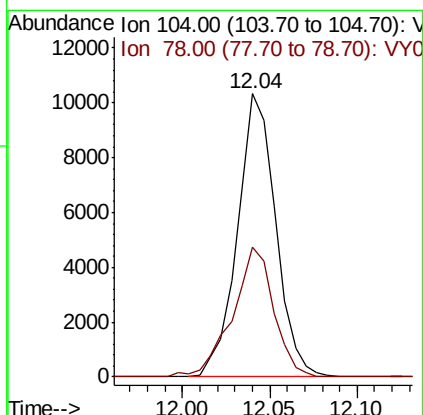
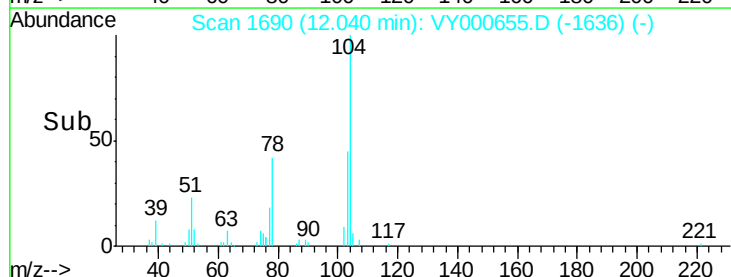
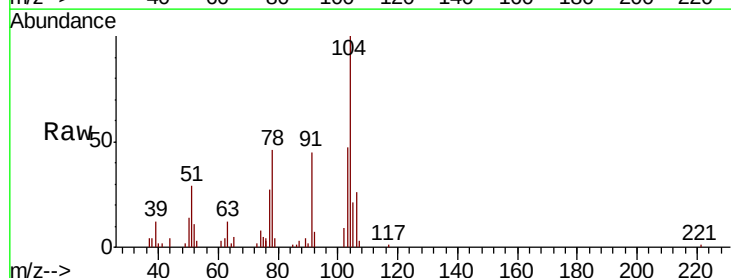
Acq: 12 Nov 2019 14:57

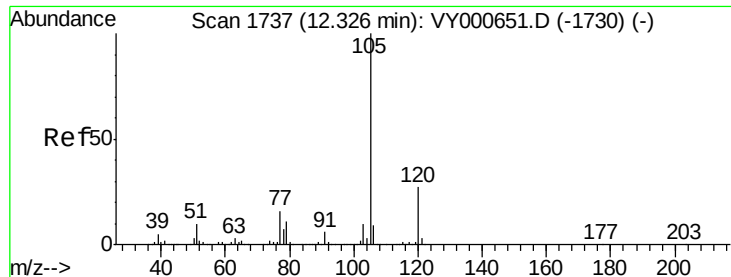
Tgt Ion:104 Resp: 15736

Ion Ratio Lower Upper

104 100

78 45.9 31.5 58.5





#57

Isopropylbenzene

Concen: 1.031 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Instrument :

MSVOA_Y

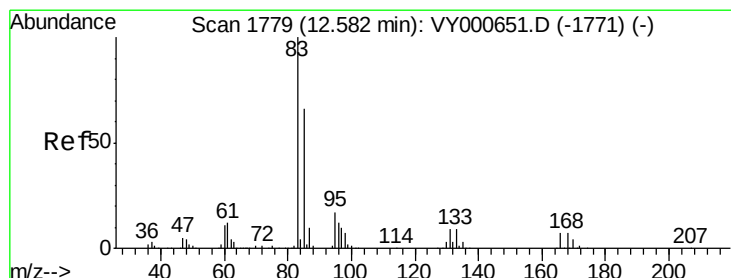
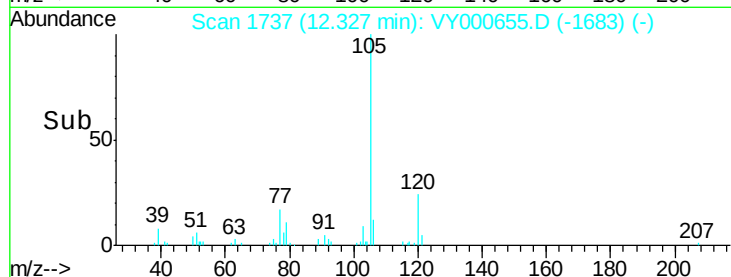
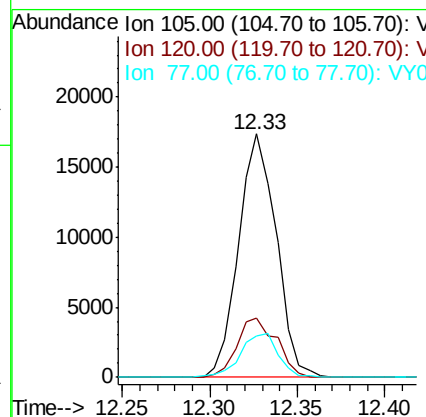
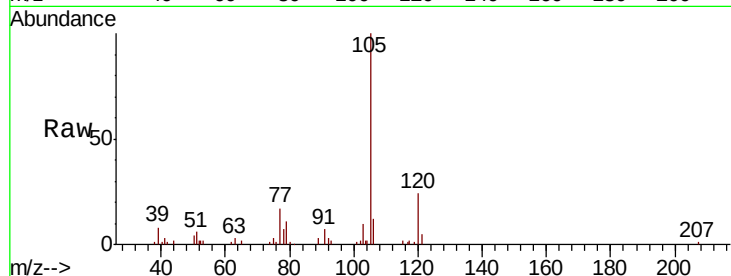
ClientSampleId :

MDL03

Tot Ion:	105	Resp:	26128
Ion Ratio	Lower	Upper	
105	100		
120	25.5	21.5	32.3
77	18.1	12.6	19.0

Manual Integrations
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#58

1,1,2,2-Tetrachloroethane

Concen: 0.986 ug/L

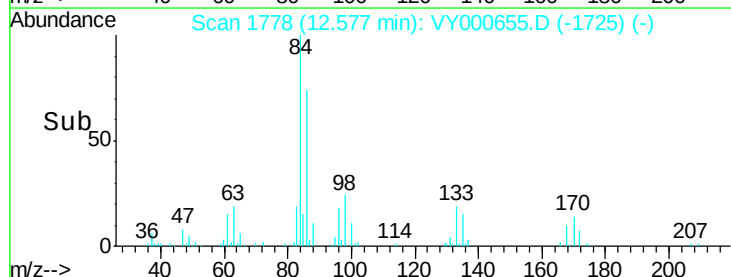
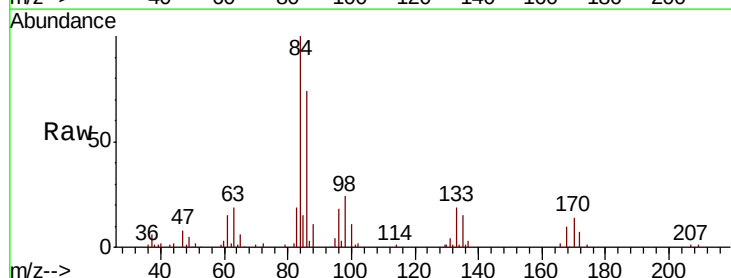
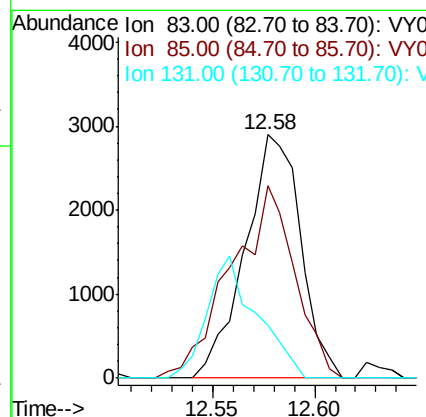
RT: 12.58 min Scan# 1778

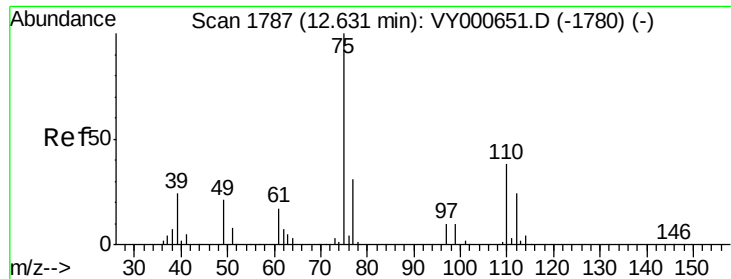
Delta R.T. -0.01 min

Lab File: VY000655.D

Acq: 12 Nov 2019 14:57

Tgt Ion:	83	Resp:	5482
Ion Ratio	Lower	Upper	
83	100		
85	78.9	45.0	83.6
131	25.7	7.8	11.6#





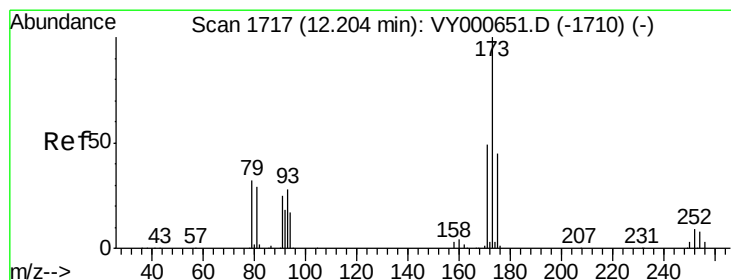
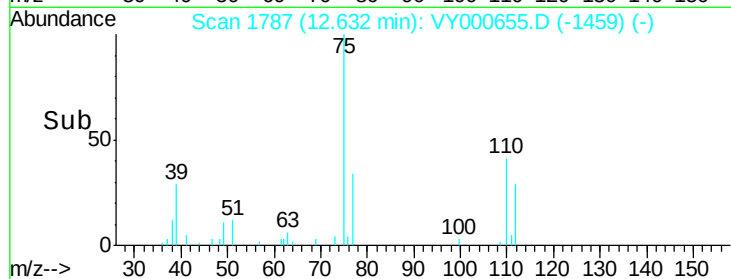
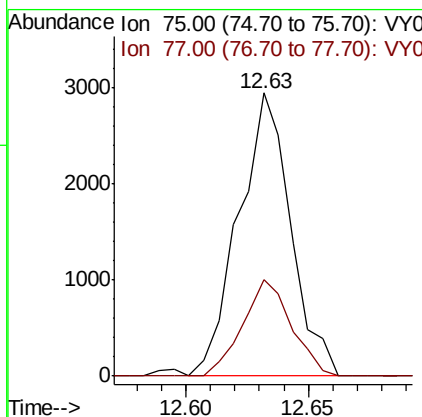
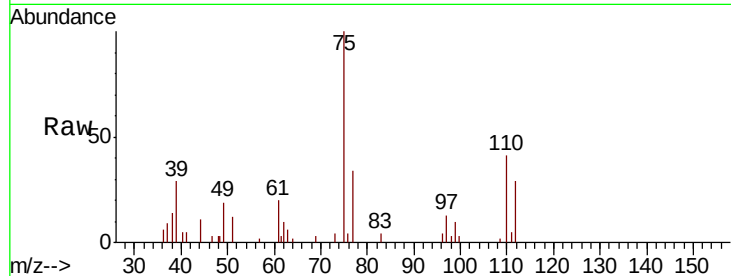
#59
 1,2,3-Trichloropropane
 Concen: 0.966 ug/L
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tot Ion: 75 Resp: 4365
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6

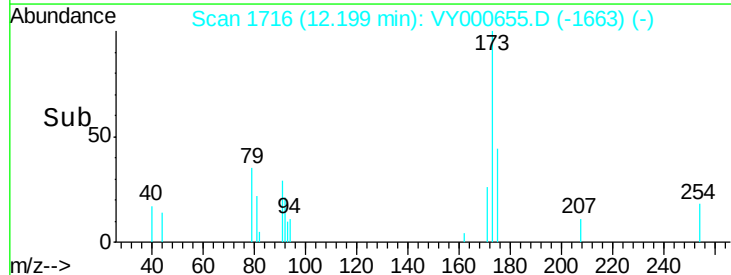
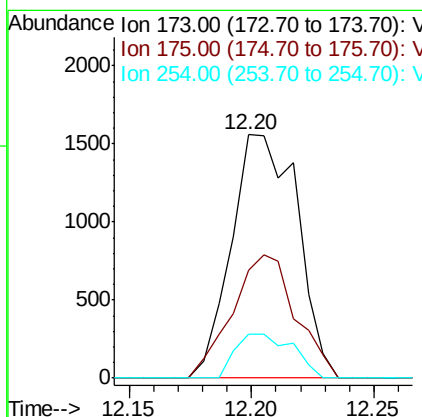
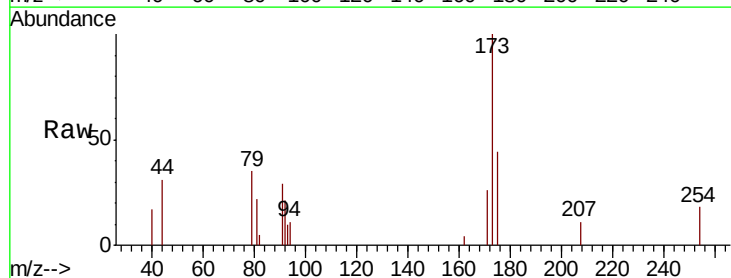
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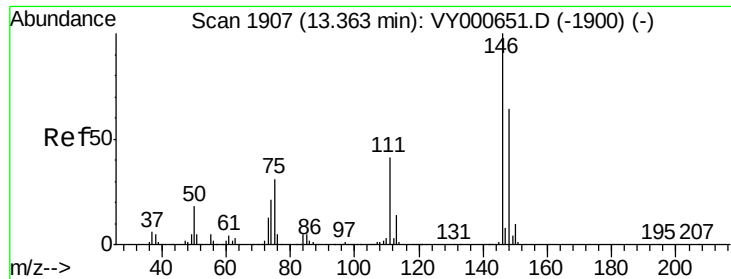
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#62
 Bromoform
 Concen: 1.018 ug/L
 RT: 12.20 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Tgt Ion: 173 Resp: 2909
 Ion Ratio Lower Upper
 173 100
 175 48.8 37.8 56.6
 254 15.7 7.7 11.5#





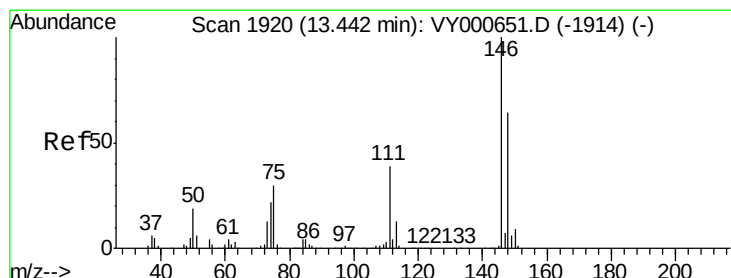
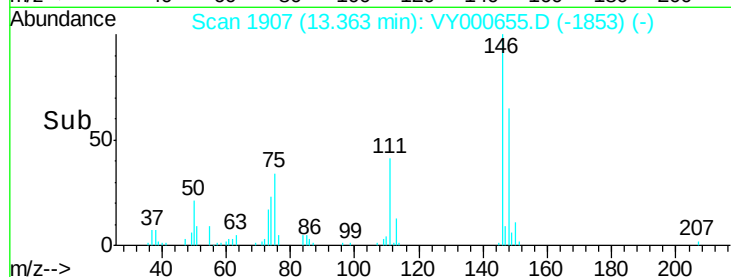
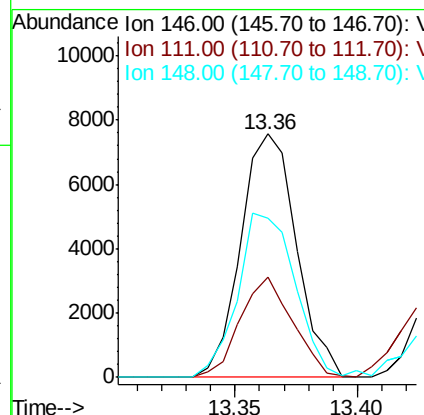
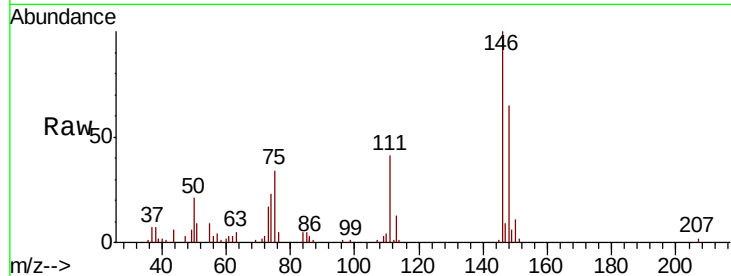
#63
 1,3-Dichlorobenzene
 Concen: 1.115 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	28.8	53.6
148	65.5	44.3	82.3

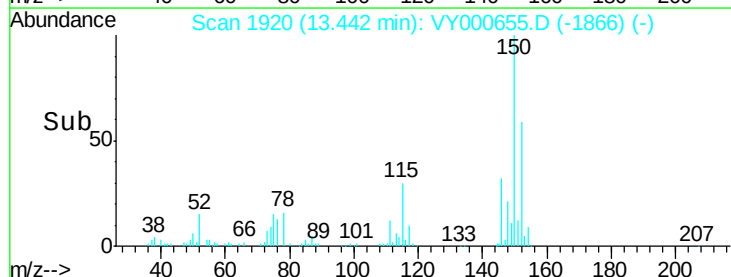
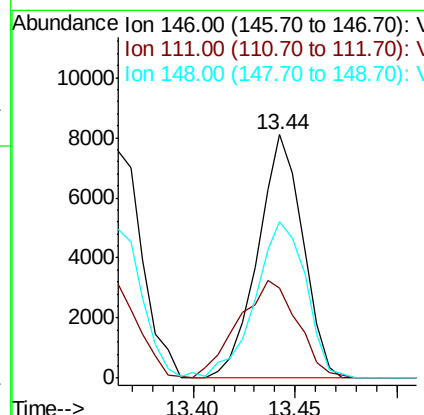
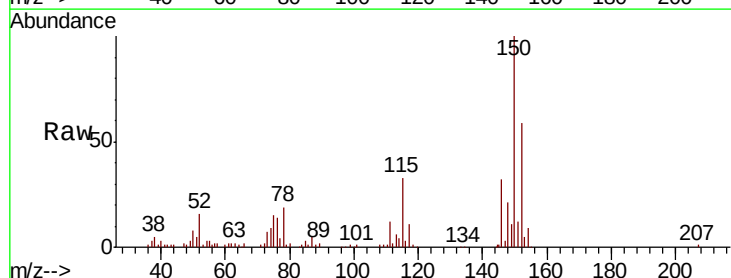
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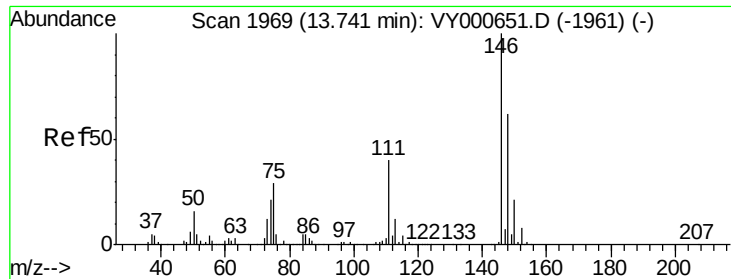
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#64
 1,4-Dichlorobenzene
 Concen: 1.160 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.7	49.5
148	64.1	45.2	84.0





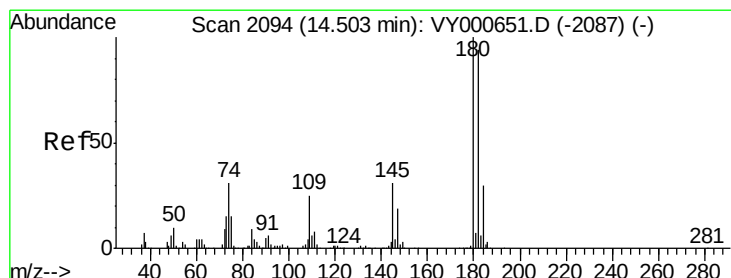
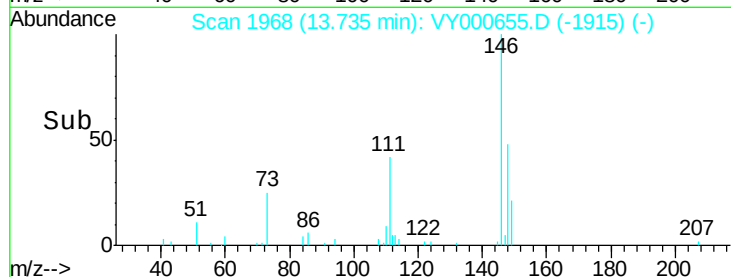
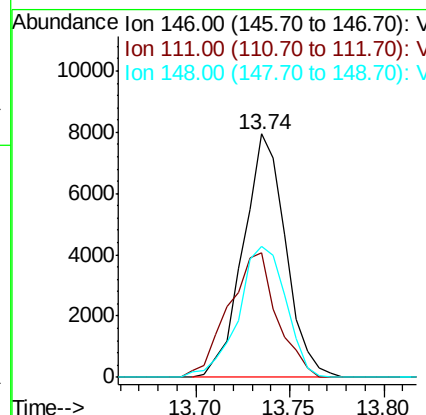
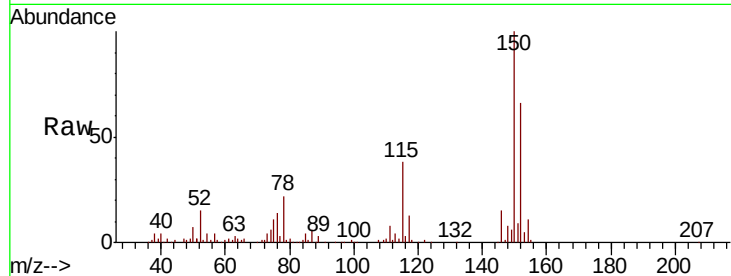
#65
 1,2-Dichlorobenzene
 Concen: 1.248 ug/L
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.9	33.8	50.8#
148	53.7	51.0	76.6

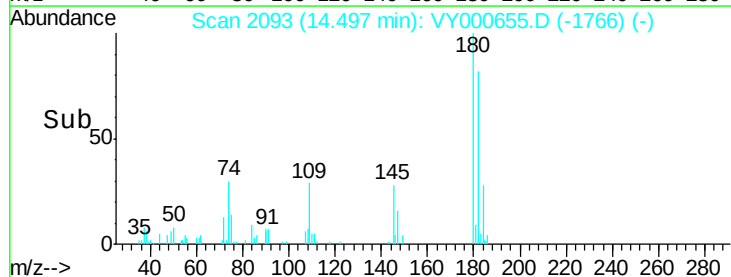
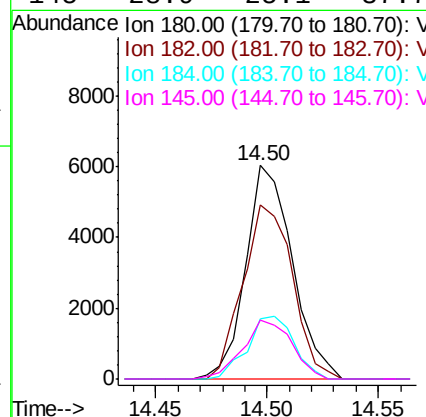
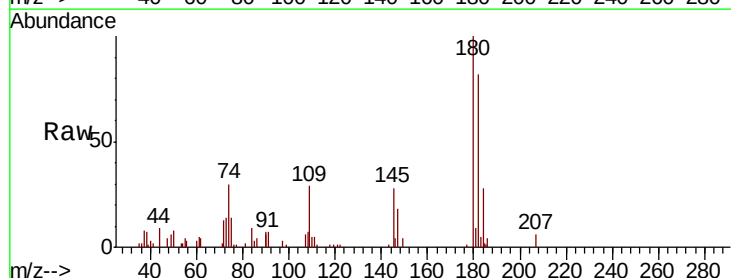
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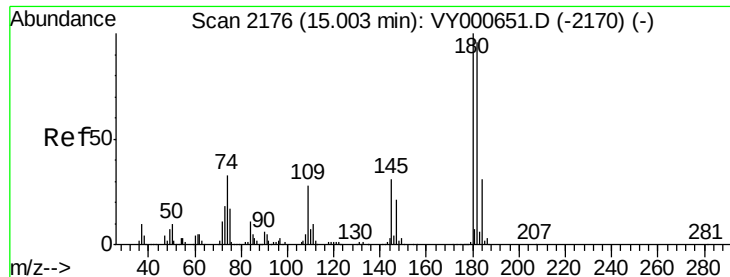
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#67
 1,3,5-Trichlorobenzene
 Concen: 1.181 ug/L
 RT: 14.50 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.4	75.6	113.4
184	29.4	24.5	36.7
145	28.9	25.1	37.7





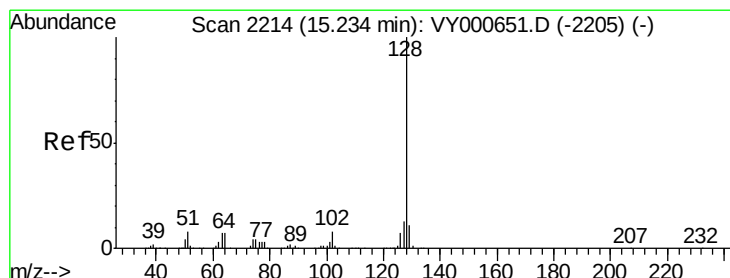
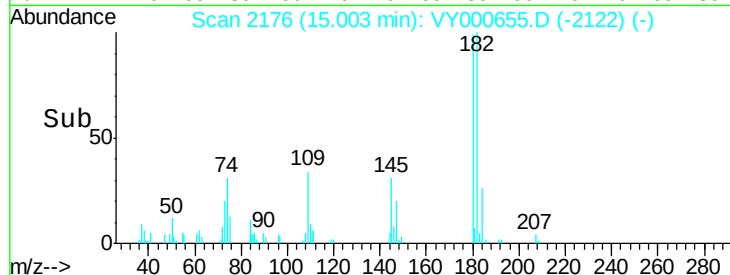
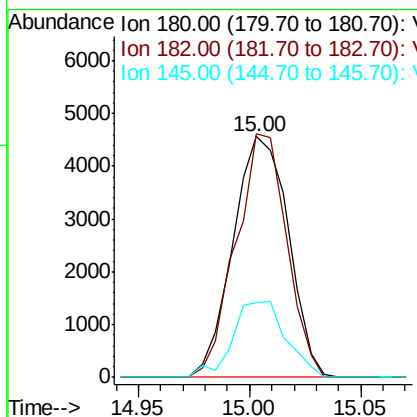
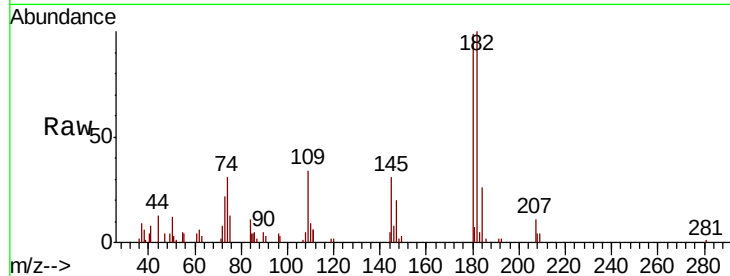
#68
 1,2,4-trichlorobenzene
 Concen: 1.180 ug/L
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.5	116.3
145	30.4	25.4	38.2

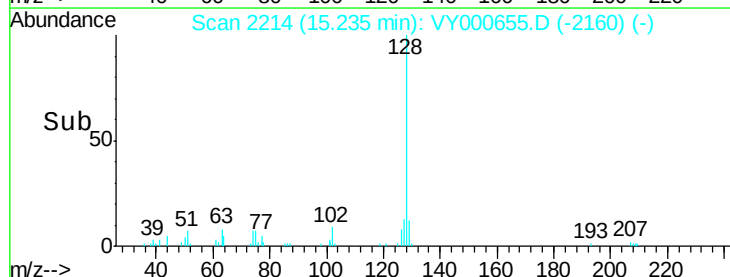
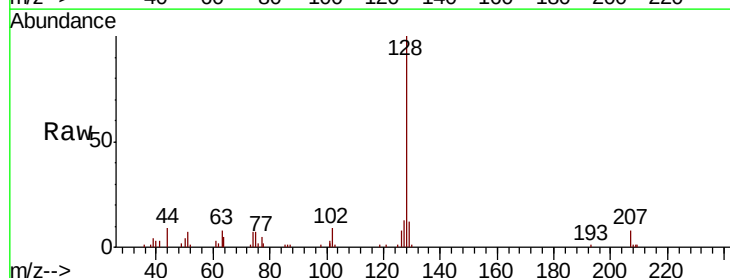
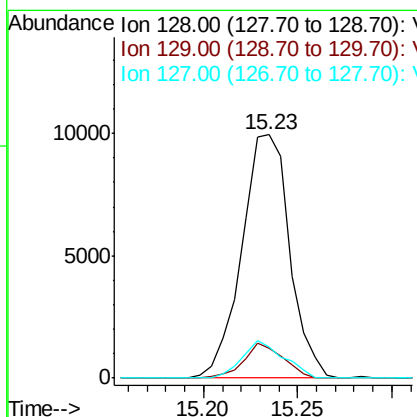
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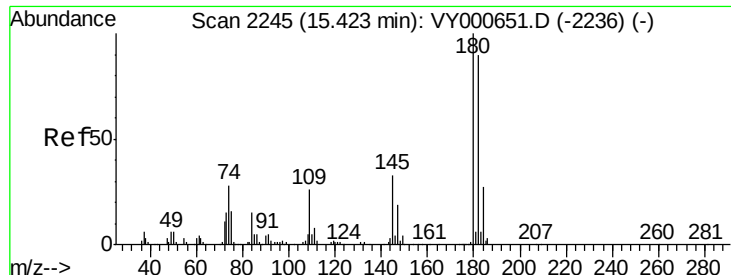
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#69
 Naphthalene
 Concen: 1.049 ug/L
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	13.4	9.8	14.6





#70
 1,2,3-Trichlorobenzene
 Concen: 1.175 ug/L
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: VY000655.D
 Acq: 12 Nov 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.2	76.2	114.4
145	31.9	26.6	39.8

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