

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000565.D
 Acq On : 06 Nov 2019 20:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:38:59 AM

Quant Time: Nov 07 06:26:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	475751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	159251	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	7.73	113	145890	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.18	98	591673	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
62) 4-Bromofluorobenzene	12.48	95	216625	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	134502	50.223	ug/l	100
3) Chloromethane	2.11	50	182388	49.438	ug/l	99
4) Vinyl Chloride	2.25	62	173283	50.580	ug/l	100
5) Bromomethane	2.65	94	112046	54.540	ug/l	93
6) Chloroethane	2.80	64	108348	50.532	ug/l	98
7) Trichlorofluoromethane	3.13	101	230664	49.856	ug/l	99
8) Diethyl Ether	3.54	74	84393	51.336	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	139651	49.927	ug/l	96
10) Methyl Iodide	4.10	142	156636	43.021	ug/l	98
11) Tert butyl alcohol	4.96	59	60376	220.300	ug/l	98
12) 1,1-Dichloroethene	3.88	96	136035	50.058	ug/l	96
13) Acrolein	3.74	56	62853	263.287	ug/l	98
14) Allyl chloride	4.49	41	244482	55.327	ug/l	98
15) Acrylonitrile	5.18	53	204819	243.212	ug/l	99
16) Acetone	3.96	43	164659	212.200	ug/l	95
17) Carbon Disulfide	4.20	76	424099	49.480	ug/l	98
18) Methyl Acetate	4.49	43	118532	49.128	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	386307	51.127	ug/l	93
20) Methylene Chloride	4.72	84	159890	48.088	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	159799	52.014	ug/l	98
22) Diisopropyl ether	6.13	45	538872	56.106	ug/l	94
23) Vinyl Acetate	6.07	43	1583489	261.176	ug/l	99
24) 1,1-Dichloroethane	6.03	63	284512	54.680	ug/l	98
25) 2-Butanone	7.00	43	282364	228.010	ug/l	99
26) 2,2-Dichloropropane	6.99	77	240088	50.491	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	178231	53.054	ug/l	98
28) Bromochloromethane	7.35	49	130199	54.468	ug/l	96
29) Tetrahydrofuran	7.36	42	183162	241.767	ug/l	99
30) Chloroform	7.52	83	281241	53.431	ug/l	96
31) Cyclohexane	7.79	56	270134	49.568	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	244903	52.206	ug/l	99
36) 1,1-Dichloropropene	7.93	75	219946	48.904	ug/l	98
37) Ethyl Acetate	7.08	43	121584	45.534	ug/l	98
38) Carbon Tetrachloride	7.91	117	209612	48.436	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	280451	48.267	ug/l	96
40) Benzene	8.17	78	658434	49.935	ug/l	99
41) Methacrylonitrile	7.34	41	79908m	53.644	ug/l	
42) 1,2-Dichloroethane	8.25	62	188917	50.515	ug/l	99
43) Isopropyl Acetate	8.28	43	237849	47.418	ug/l	99
44) Trichloroethene	8.95	130	170147	48.941	ug/l	96
45) 1,2-Dichloropropane	9.22	63	167381	51.577	ug/l	98
46) Dibromomethane	9.31	93	85630	47.978	ug/l	99
47) Bromodichloromethane	9.50	83	219270	51.777	ug/l	97
48) Methyl methacrylate	9.30	41	105799	48.275	ug/l	96
49) 1,4-Dioxane	9.30	88	23082	960.941	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	624620	234.215	ug/l	99
52) Toluene	10.25	92	418604	50.214	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	231745	51.215	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	266114	51.336	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	127073	49.226	ug/l	94
56) Ethyl methacrylate	10.51	69	185700	50.755	ug/l	98
57) 1,3-Dichloropropane	10.79	76	228575	50.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	411165	248.575	ug/l	97
59) 2-Hexanone	10.83	43	434783	223.761	ug/l	100
60) Dibromochloromethane	10.99	129	146491	49.543	ug/l	99
61) 1,2-Dibromoethane	11.09	107	119708	48.230	ug/l	96
64) Tetrachloroethene	10.72	164	168539	46.801	ug/l	97
65) Chlorobenzene	11.52	112	433369	49.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	151184	49.368	ug/l	99
67) Ethyl Benzene	11.59	91	812252	49.982	ug/l	99
68) m/p-Xylenes	11.70	106	620908	98.717	ug/l	97
69) o-Xylene	12.03	106	289081	48.903	ug/l	98
70) Styrene	12.04	104	508428	50.228	ug/l	99
71) Bromoform	12.20	173	83318	47.303	ug/l #	99
73) Isopropylbenzene	12.33	105	792804	51.144	ug/l	100
74) N-amyl acetate	12.14	43	222675	50.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	146664	47.784	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	105913m	44.349	ug/l	
77) Bromobenzene	12.61	156	174742	49.710	ug/l	95
78) n-propylbenzene	12.67	91	975138	52.136	ug/l	98
79) 2-Chlorotoluene	12.75	91	534548	51.481	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	670433	51.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53406	50.140	ug/l	95
82) 4-Chlorotoluene	12.85	91	566794	52.660	ug/l	97
83) tert-Butylbenzene	13.07	119	571742	51.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	676387	52.620	ug/l	98
85) sec-Butylbenzene	13.25	105	819273	52.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	710870	50.787	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	342799	49.787	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	338125	49.144	ug/l	98
89) n-Butylbenzene	13.69	91	707912	51.278	ug/l	99
90) Hexachloroethane	13.95	117	135162	52.233	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	312174	49.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25094	46.197	ug/l	96

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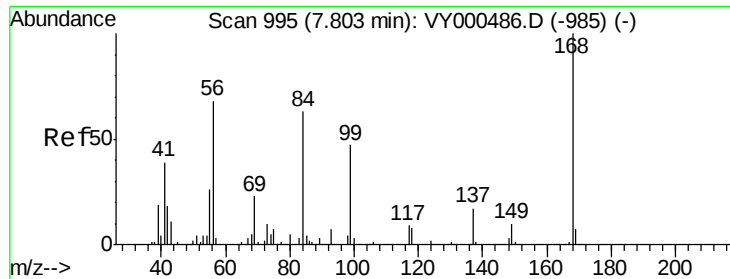
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	199073	46.801	ug/l	99
94) Hexachlorobutadiene	15.11	225	105254	48.003	ug/l	98
95) Naphthalene	15.23	128	444556	47.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	180095	47.193	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 272055

Ion Ratio Lower Upper

168 100

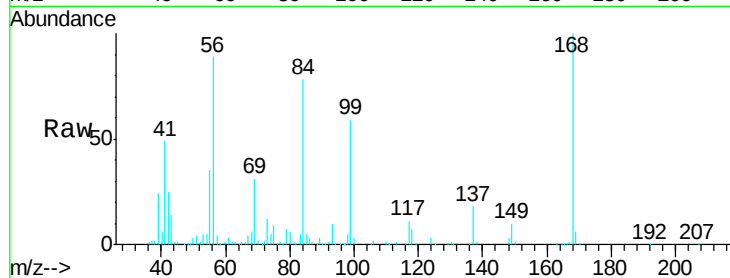
99 59.4 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

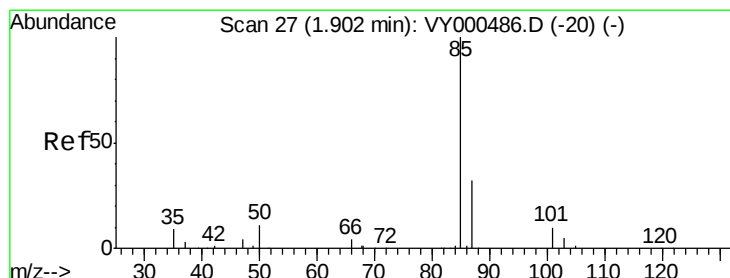
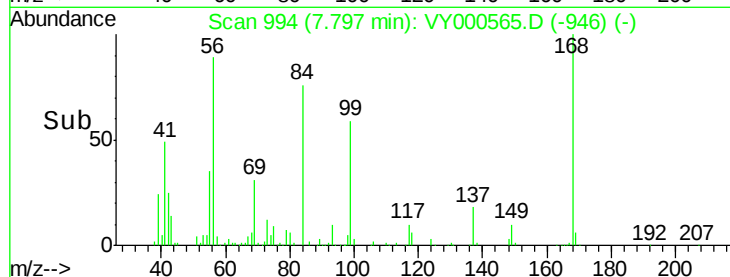
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.223 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000565.D

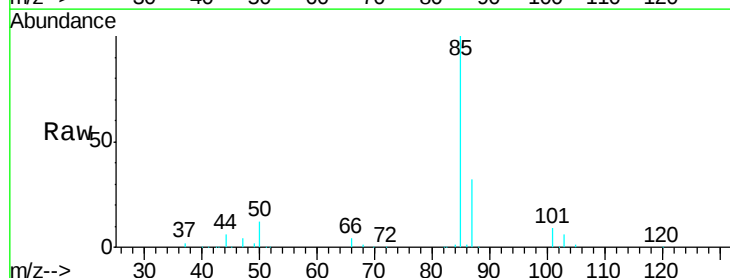
Acq: 06 Nov 2019 20:41

Tgt Ion: 85 Resp: 134502

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

100000

80000

60000

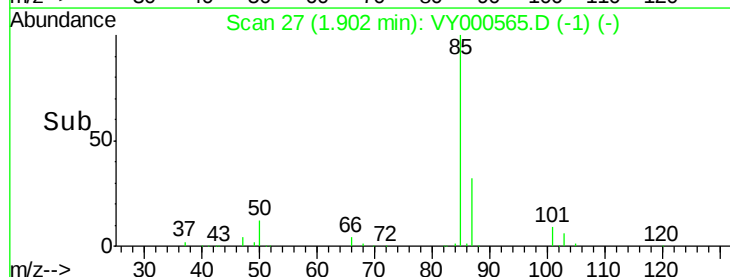
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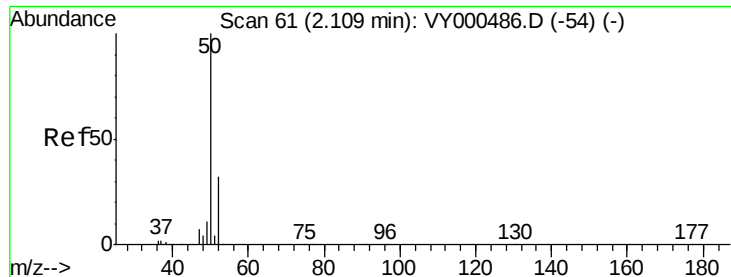
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.438 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 182388

Ion Ratio Lower Upper

50 100

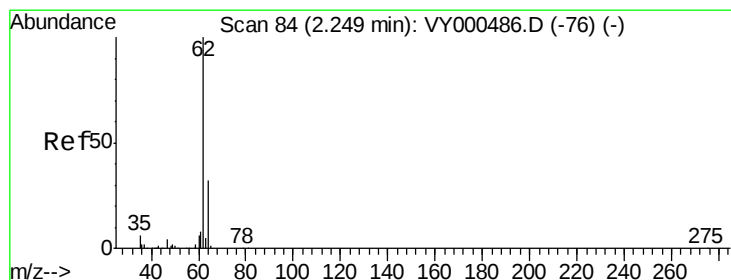
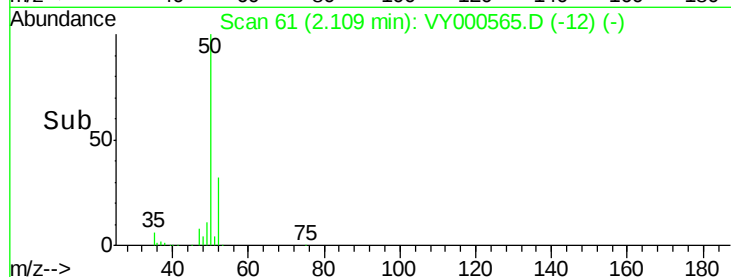
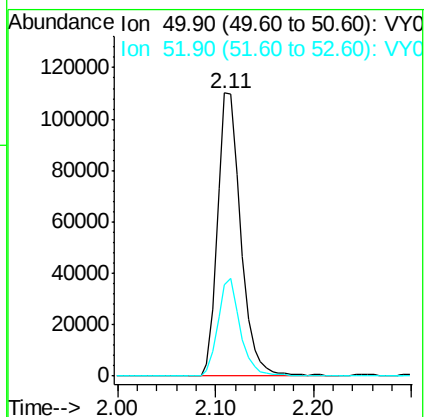
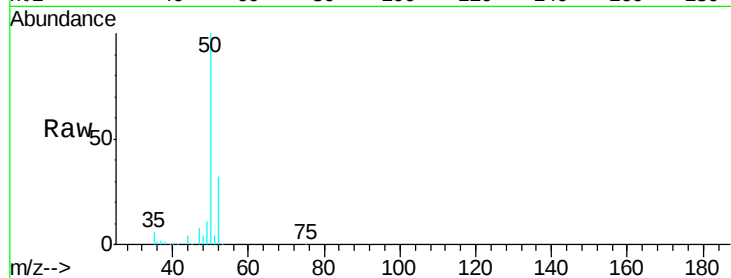
52 32.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.580 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000565.D

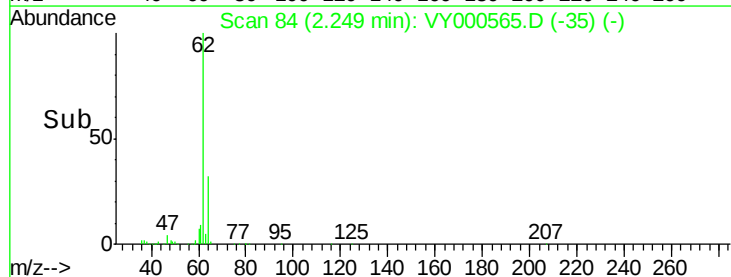
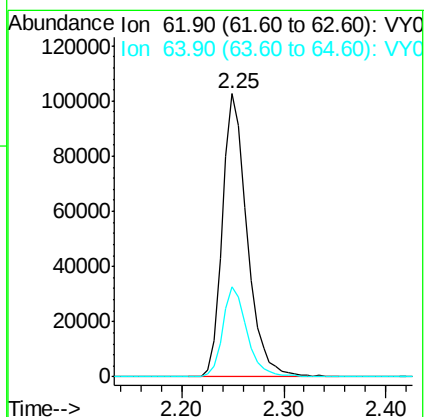
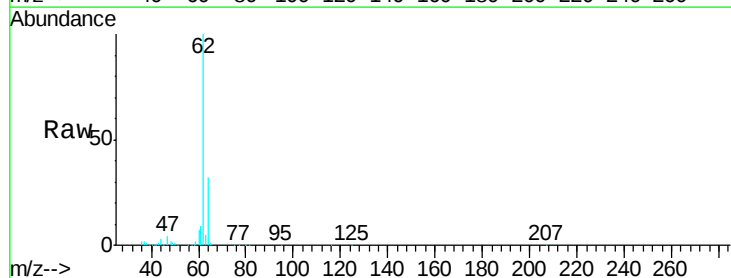
Acq: 06 Nov 2019 20:41

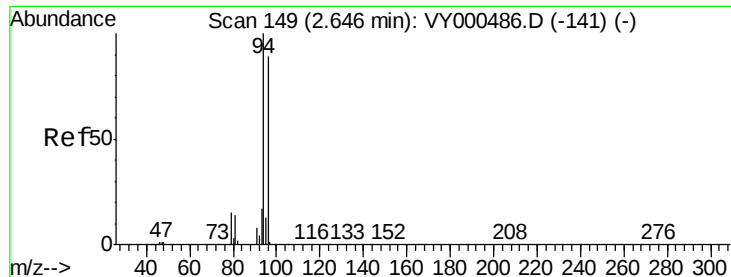
Tgt Ion: 62 Resp: 173283

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 54.540 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 112046

Ion Ratio Lower Upper

94 100

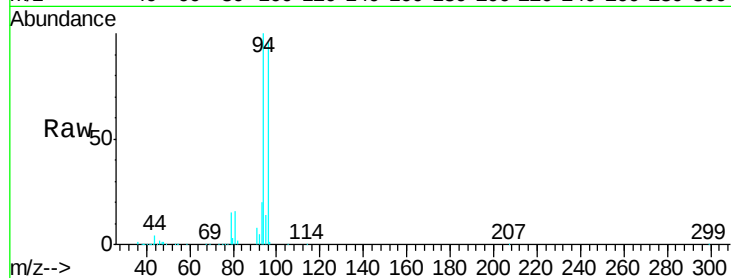
96 95.7 71.2 106.8

Manual Integrations

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11/8/2019 10:38:59 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

60000

50000

40000

30000

20000

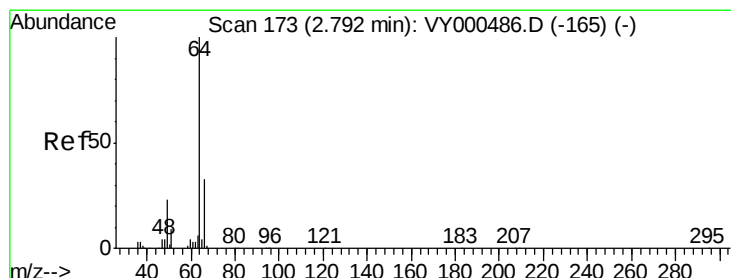
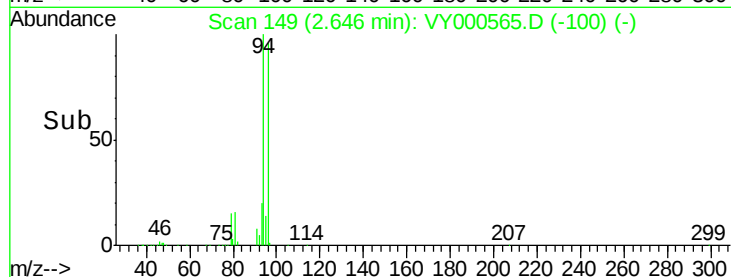
10000

0

Time-->

2.60 2.70

2.65



#6

Chloroethane

Concen: 50.532 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000565.D

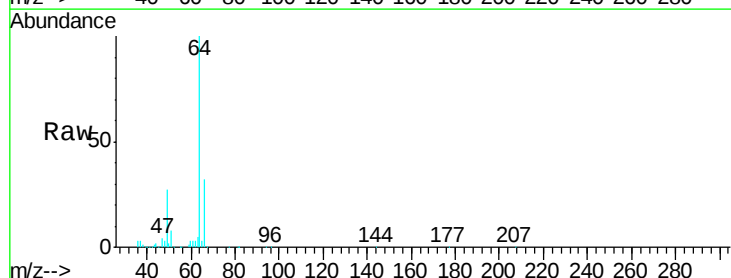
Acq: 06 Nov 2019 20:41

Tgt Ion: 64 Resp: 108348

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

60000

50000

40000

30000

20000

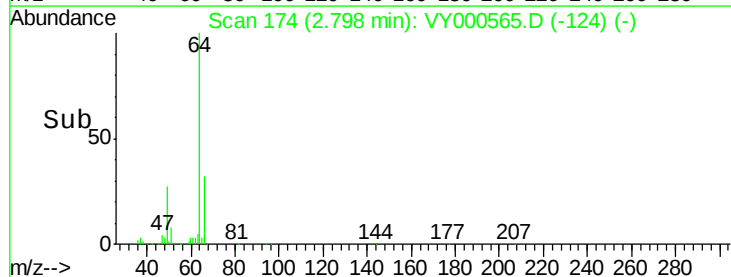
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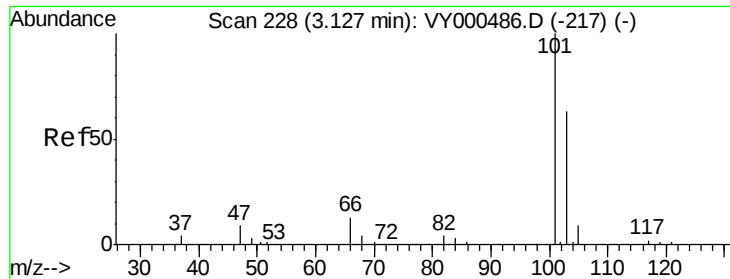
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Time-->

2.70 2.80 2.90

2.80





#7

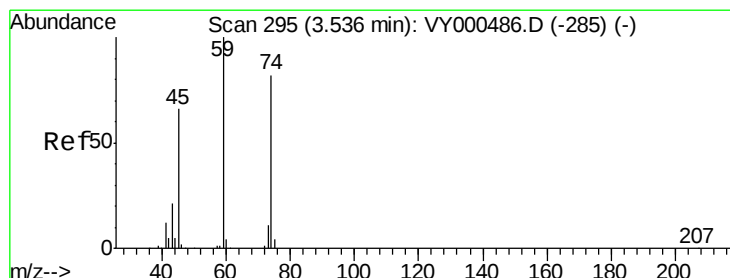
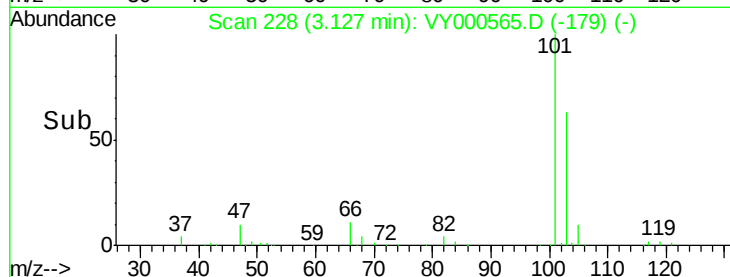
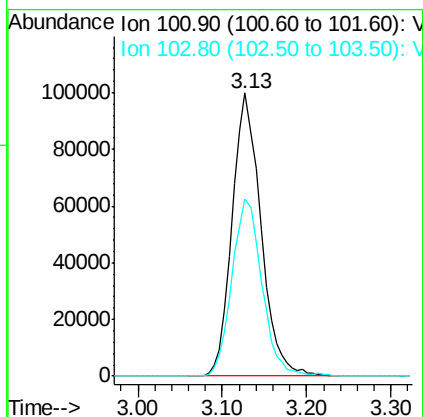
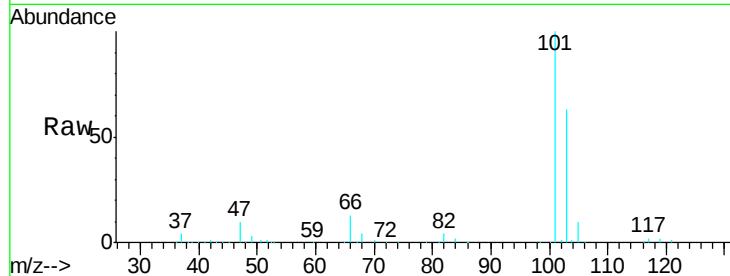
Trichlorofluoromethane
Concen: 49.856 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

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VSTDCCC050EC

Tgt Ion:101 Resp: 230664
Ion Ratio Lower Upper
101 100
103 62.6 50.5 75.7

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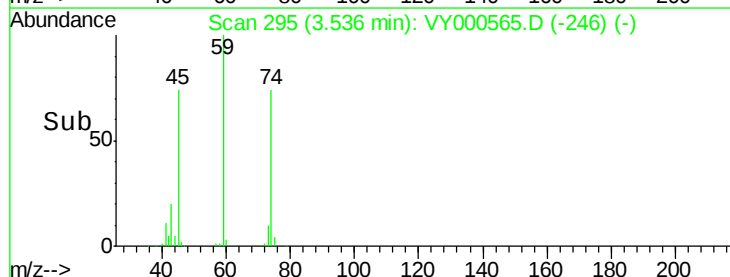
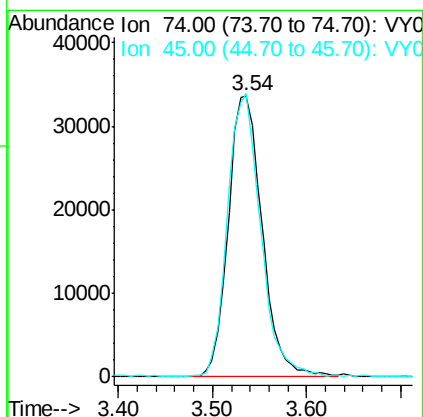
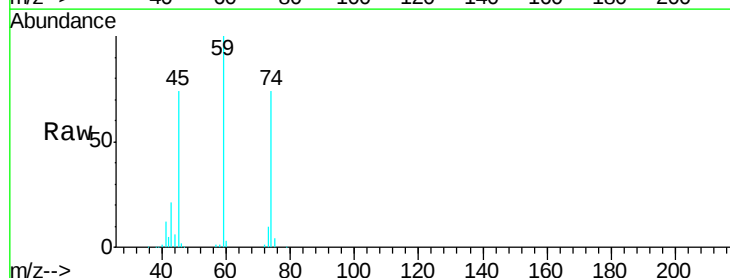
MMDadoda
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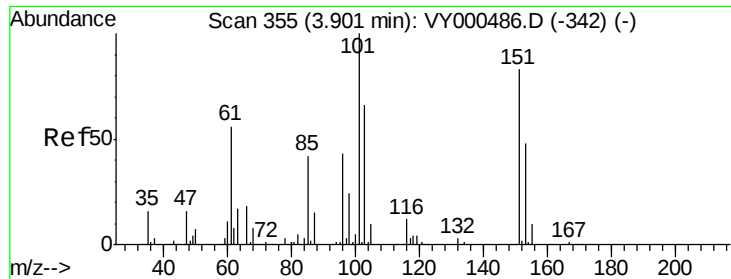


#8

Diethyl Ether
Concen: 51.336 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 74 Resp: 84393
Ion Ratio Lower Upper
74 100
45 98.9 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.927 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

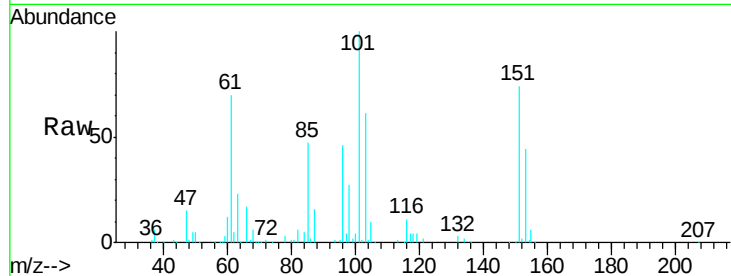
ClientSampleId :

VSTDCCC050EC

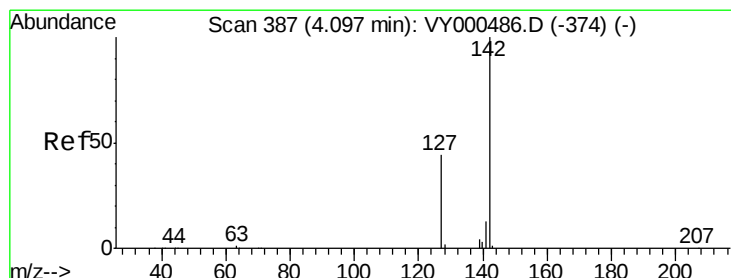
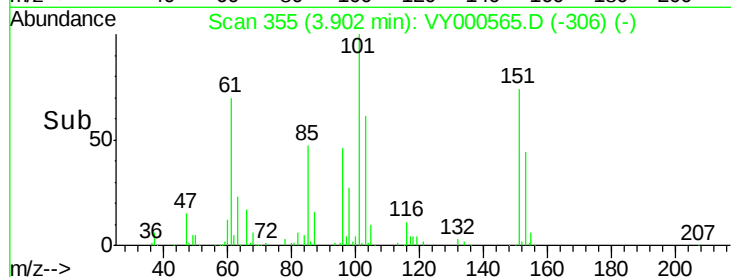
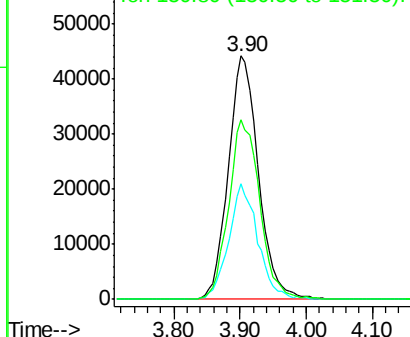
Tgt Ion:	101	Resp:	139651
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.7	55.1
151	75.5	64.3	96.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.021 ug/l

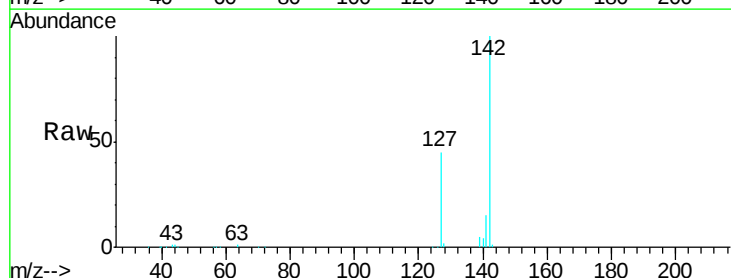
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

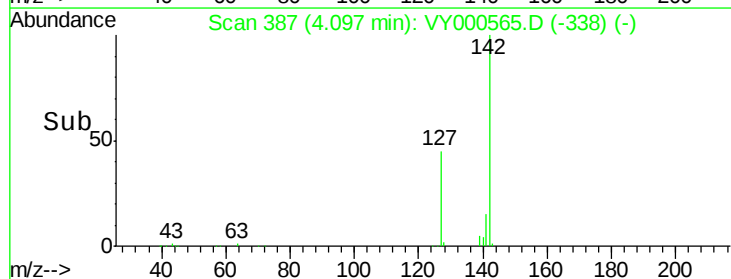
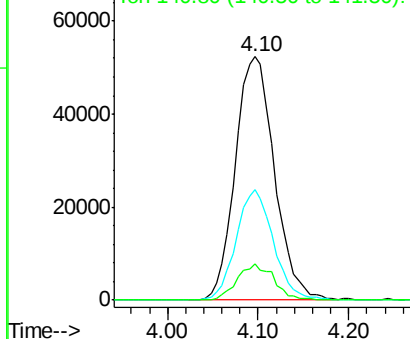
Lab File: VY000565.D

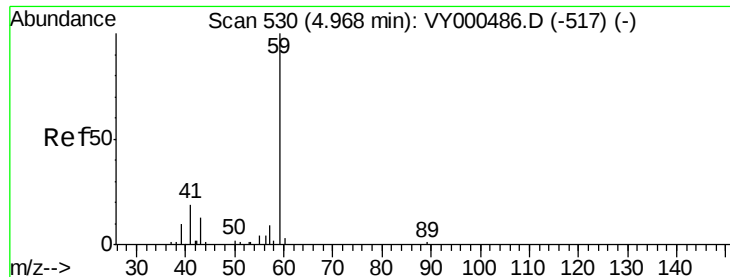
Acq: 06 Nov 2019 20:41

Tgt Ion:	142	Resp:	156636
Ion Ratio	Lower	Upper	
142	100		
127	43.1	33.7	50.5
141	14.2	10.9	16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

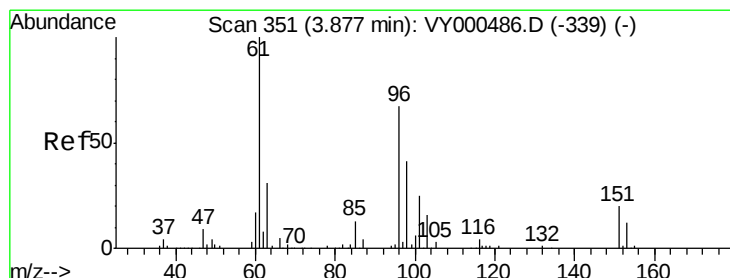
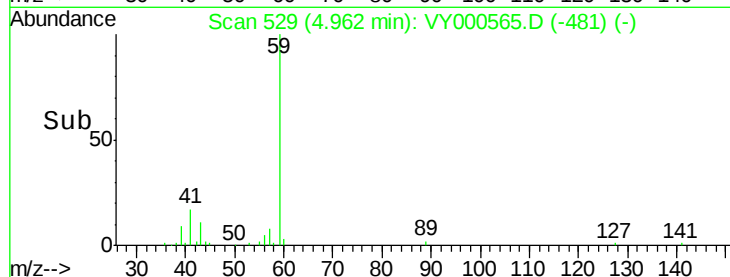
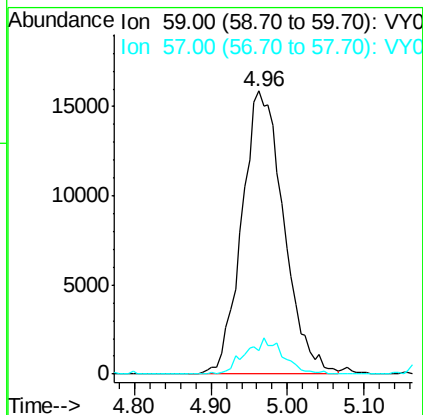
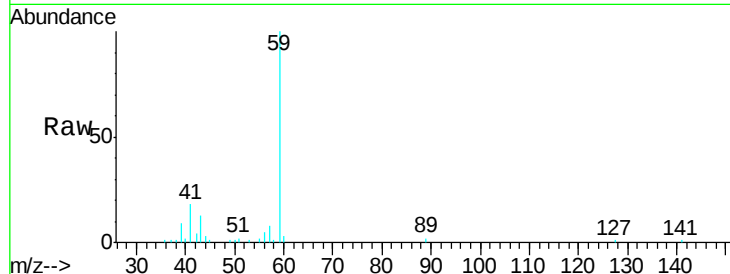
Tert butyl alcohol
Concen: 220.300 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.6	12.8

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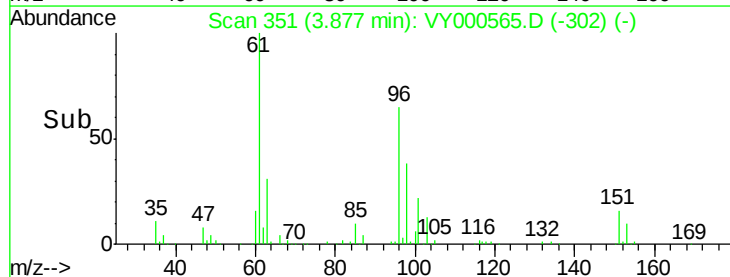
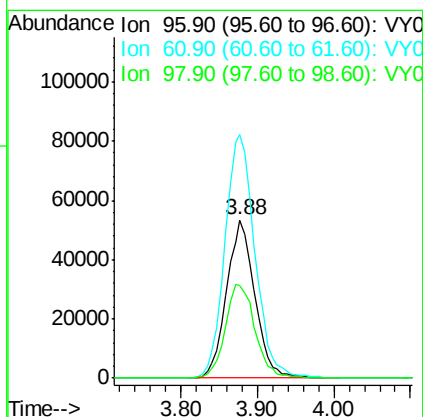
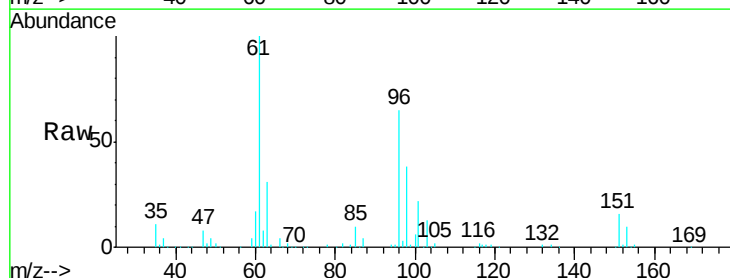
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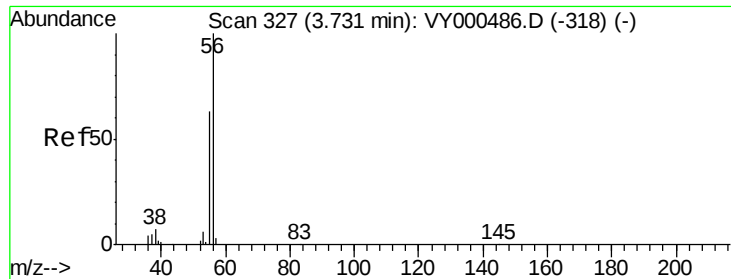


#12

1,1-Dichloroethene
Concen: 50.058 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	119.2	178.8
98	58.8	48.6	73.0





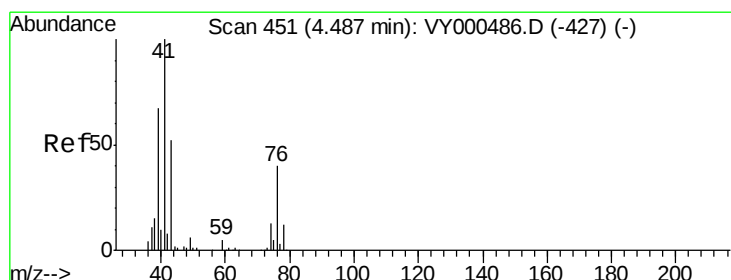
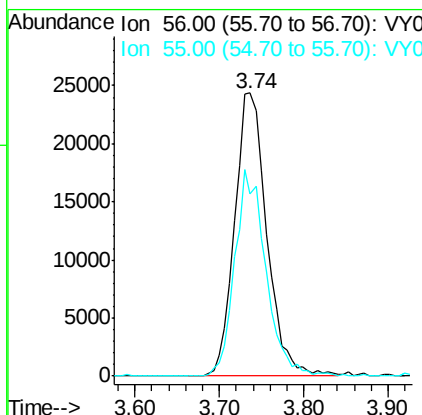
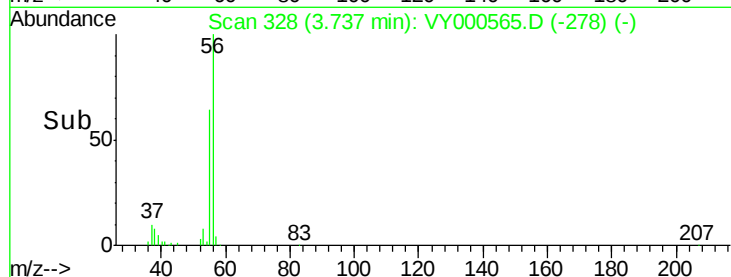
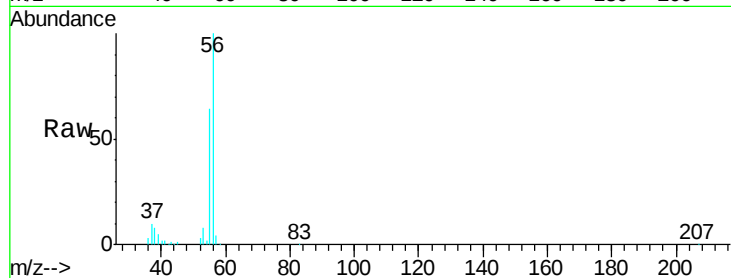
#13
Acrolein
Concen: 263.287 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 62853
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.6

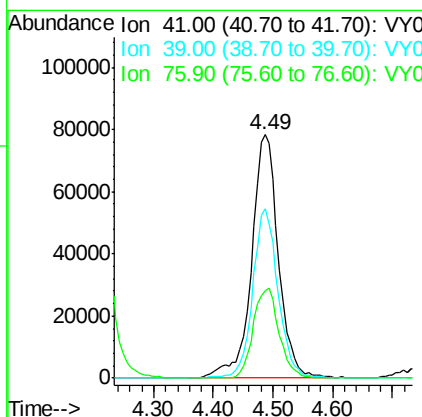
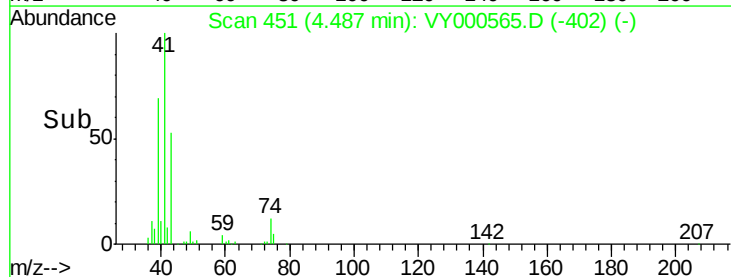
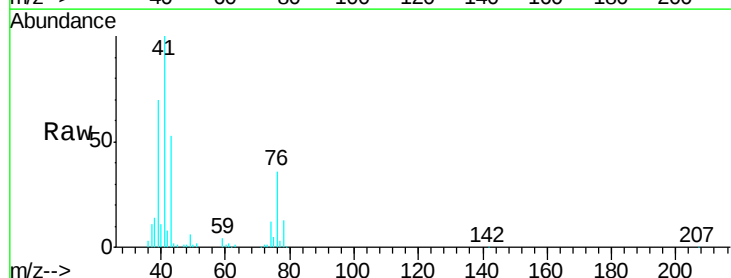
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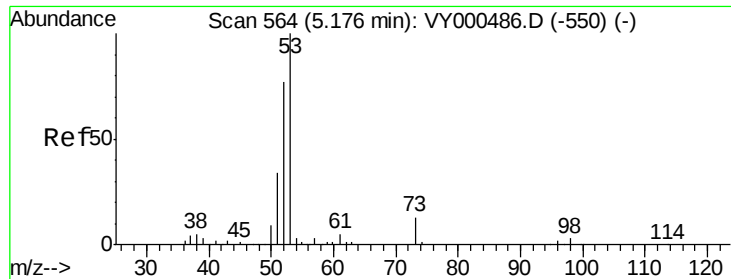
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#14
Allyl chloride
Concen: 55.327 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 41 Resp: 244482
Ion Ratio Lower Upper
41 100
39 66.2 53.6 80.4
76 35.7 29.8 44.6





#15

Acrylonitrile

Concen: 243.212 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

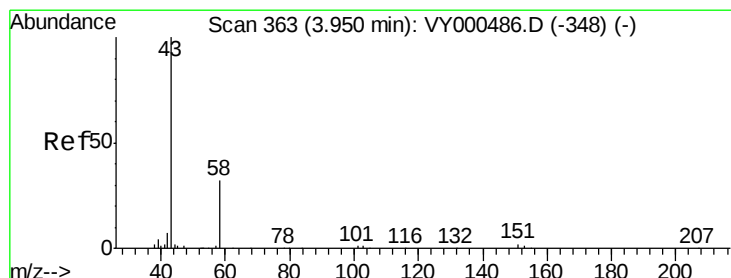
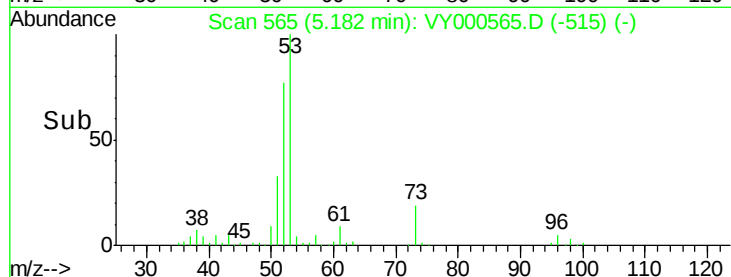
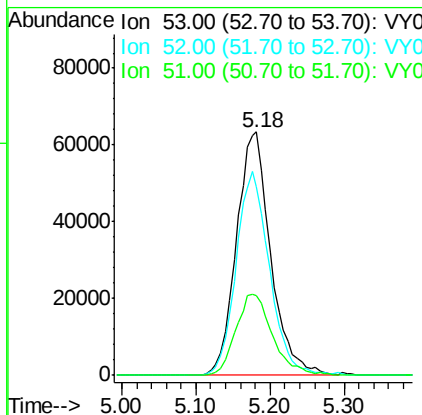
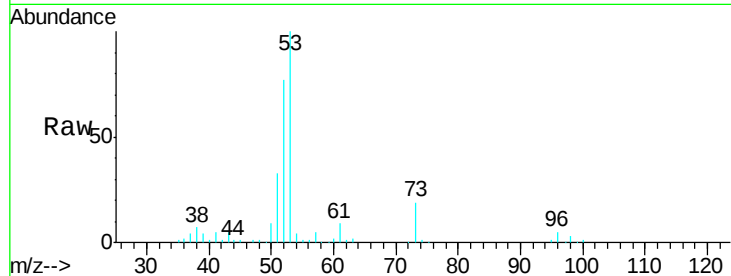
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	204819
Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.9	97.3
51	35.8	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 212.200 ug/l

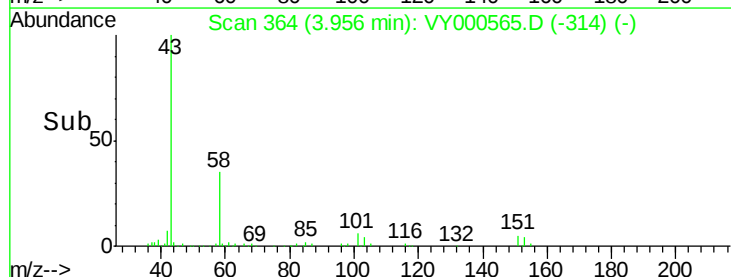
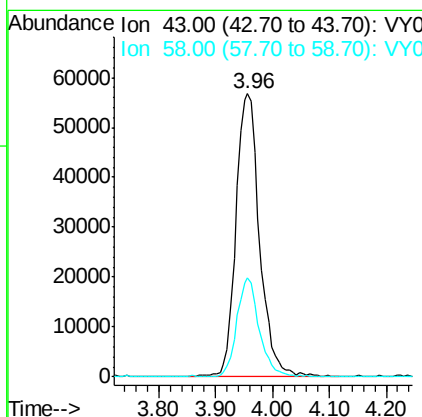
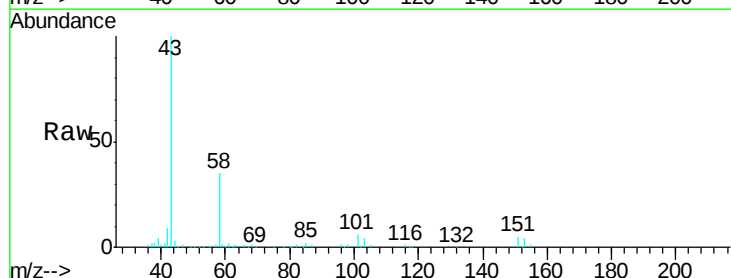
RT: 3.96 min Scan# 364

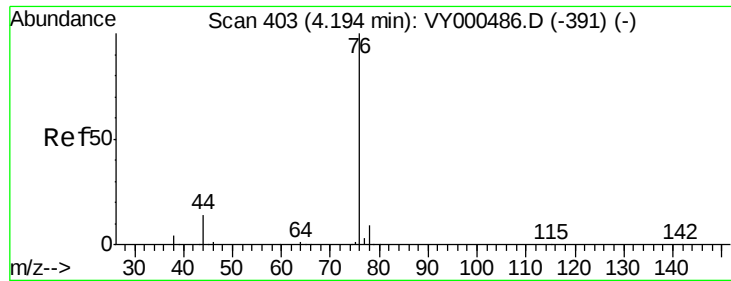
Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion:	43	Resp:	164659
Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.8	38.6





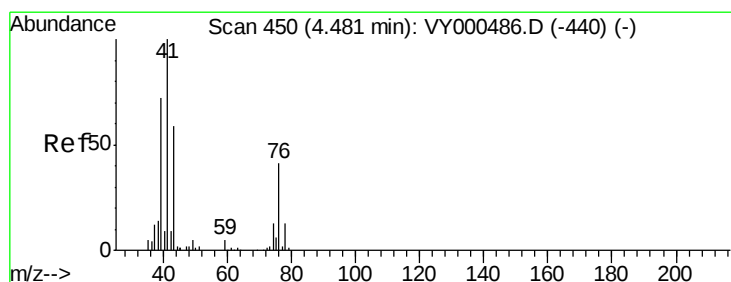
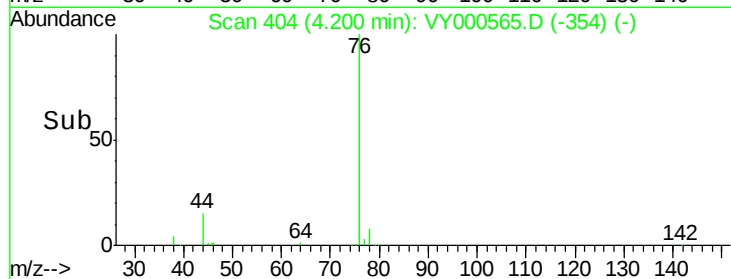
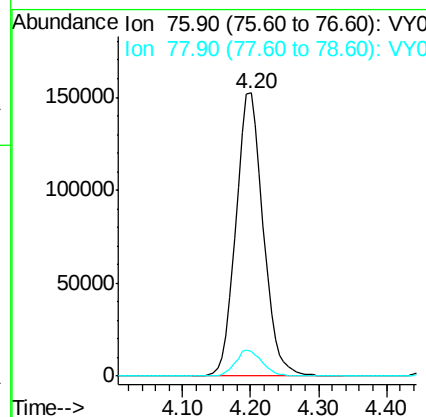
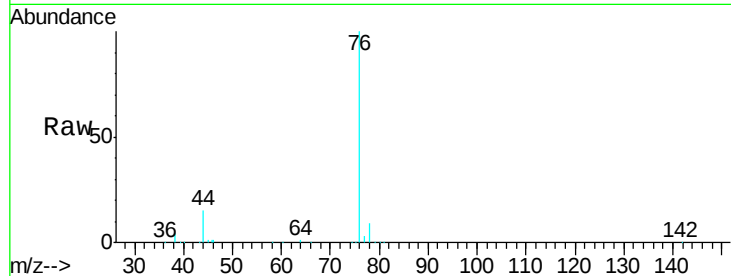
#17
Carbon Disulfide
Concen: 49.480 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 424099
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

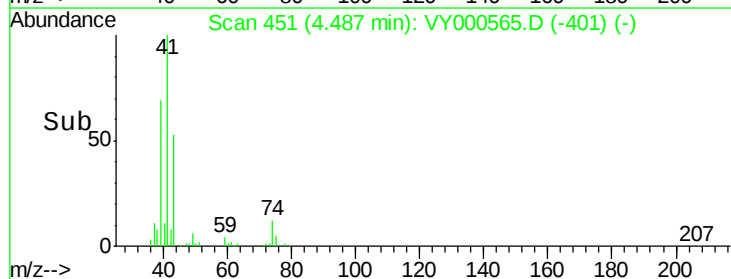
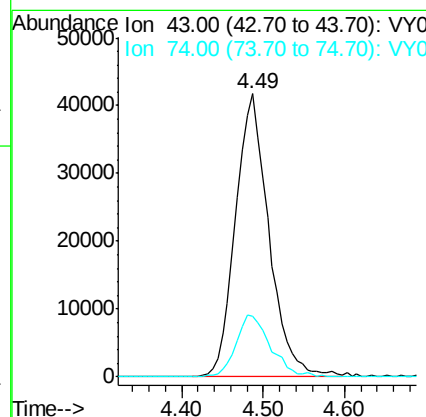
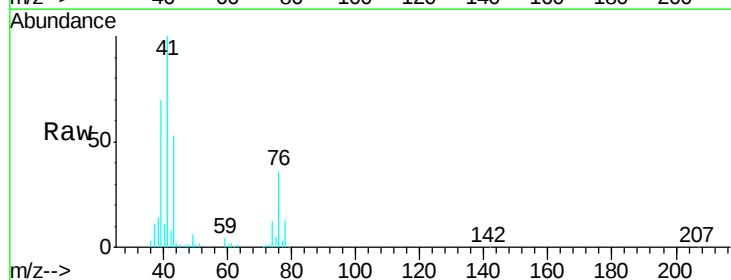
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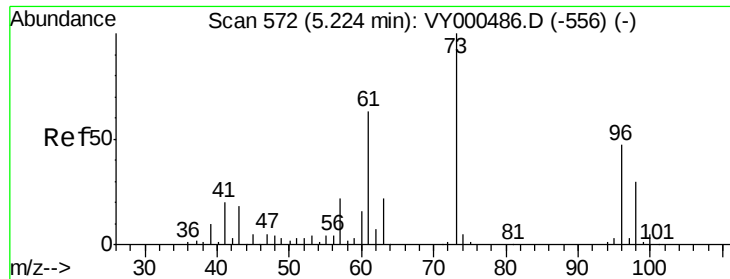
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#18
Methyl Acetate
Concen: 49.128 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 43 Resp: 118532
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8





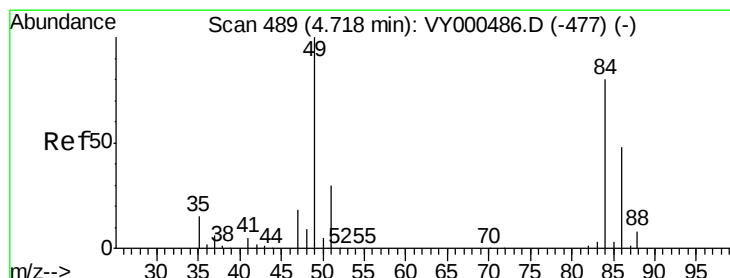
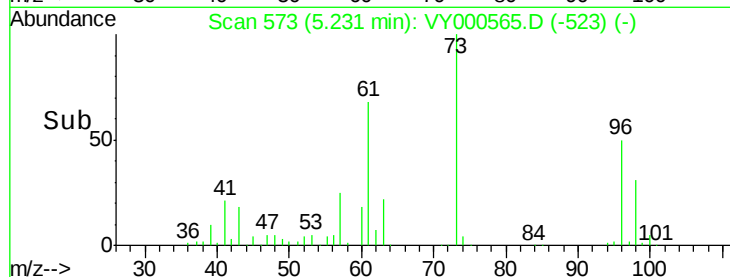
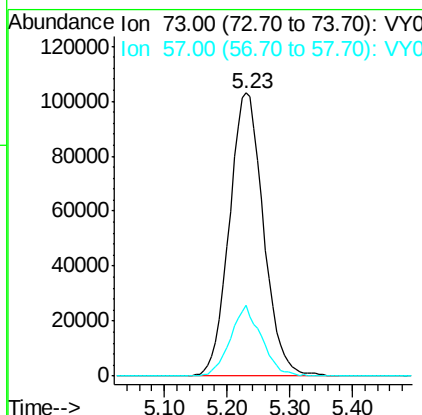
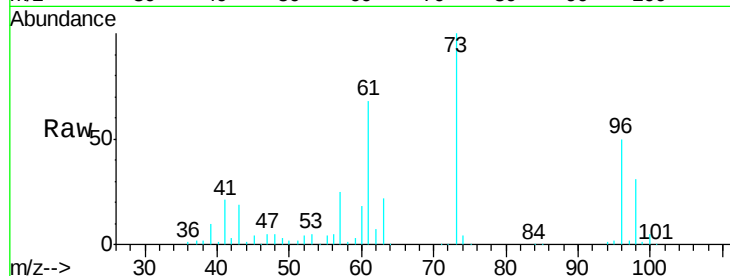
#19
Methyl tert-butyl Ether
Concen: 51.127 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 386307
Ion Ratio Lower Upper
73 100
57 24.9 17.4 26.0

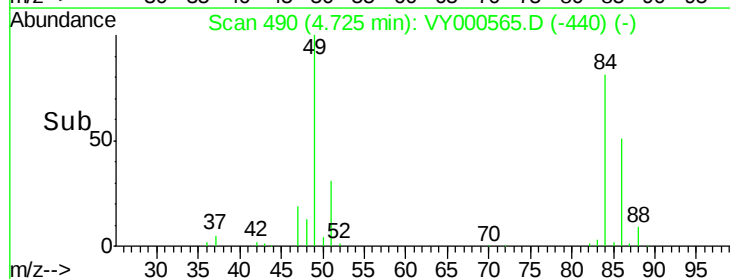
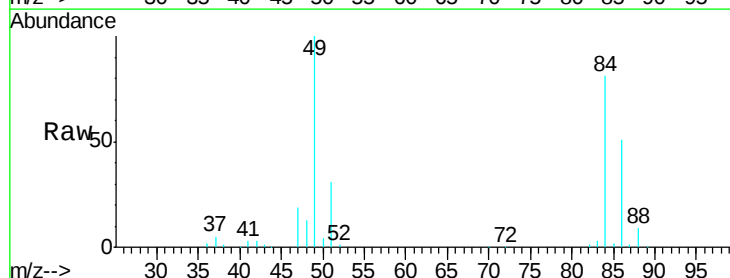
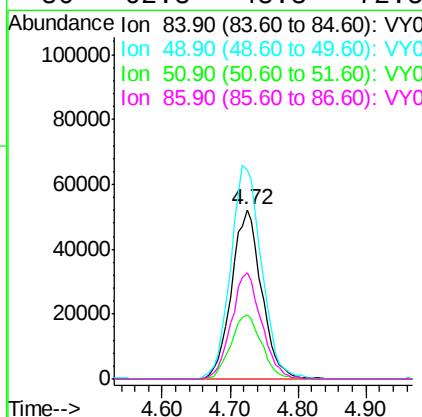
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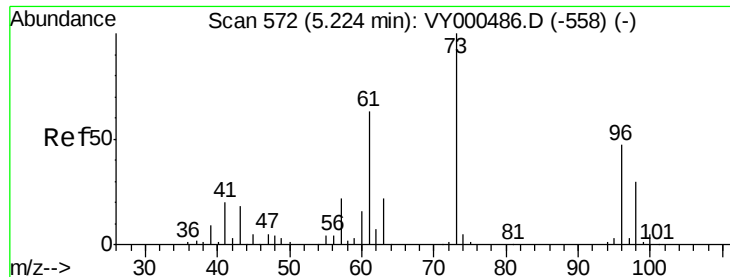
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#20
Methylene Chloride
Concen: 48.088 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 84 Resp: 159890
Ion Ratio Lower Upper
84 100
49 123.2 100.2 150.4
51 38.2 29.6 44.4
86 62.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 52.014 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 159799

Ion Ratio Lower Upper

96 100

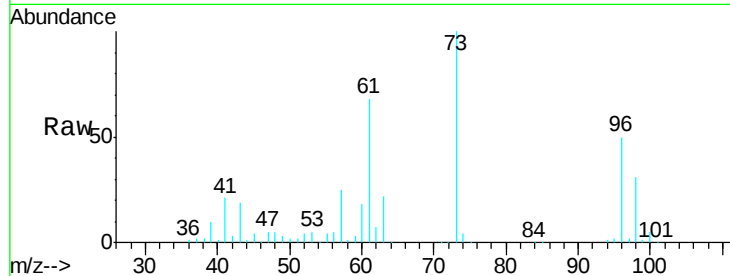
61 136.4 106.6 160.0

98 62.4 50.6 76.0

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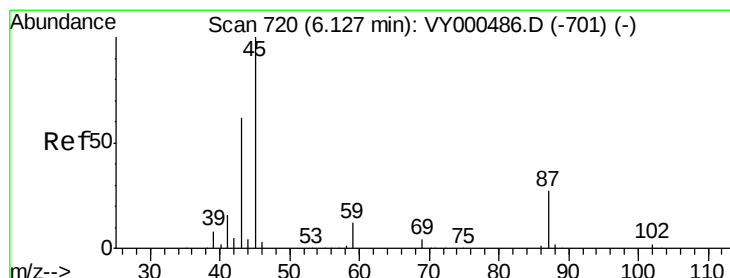
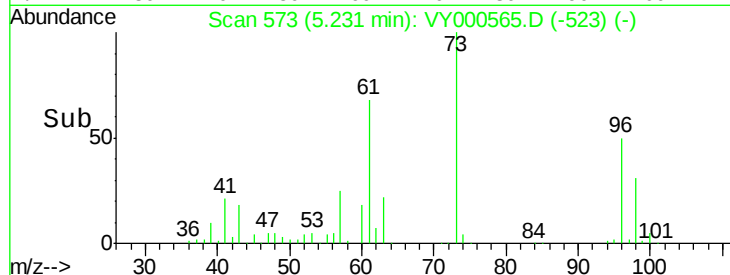
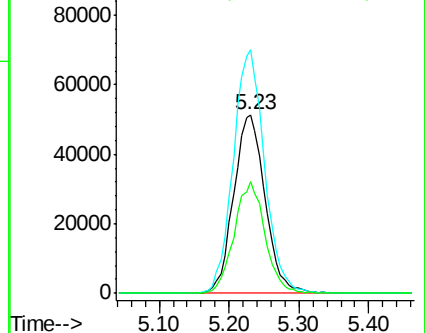
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Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 56.106 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion: 45 Resp: 538872

Ion Ratio Lower Upper

45 100

43 55.4 50.0 75.0

87 26.3 21.6 32.4

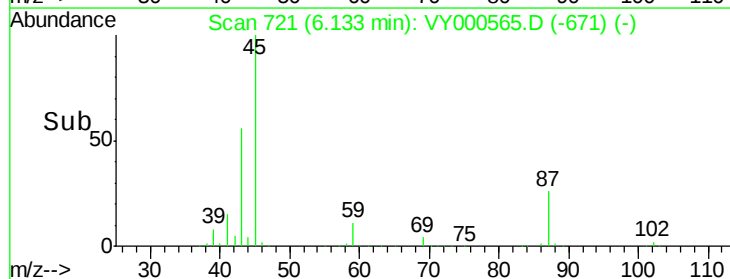
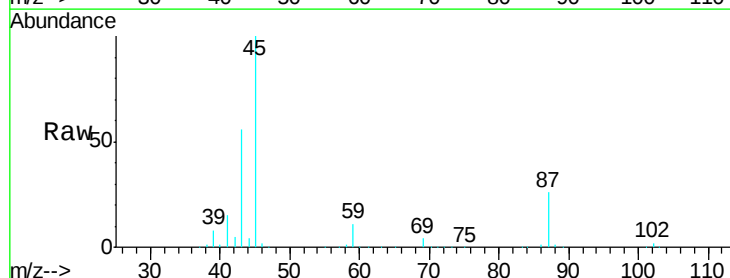
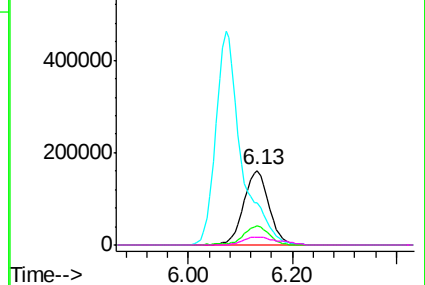
59 10.7 9.5 14.3

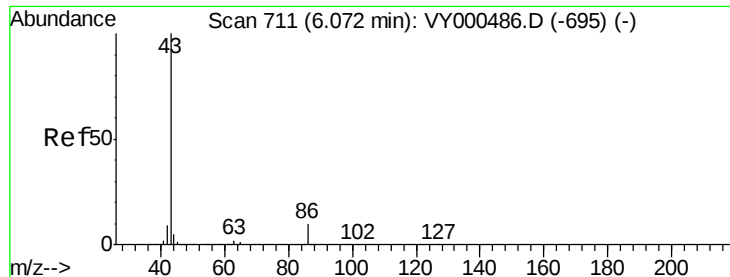
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 261.176 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1583489

Ion Ratio Lower Upper

43 100

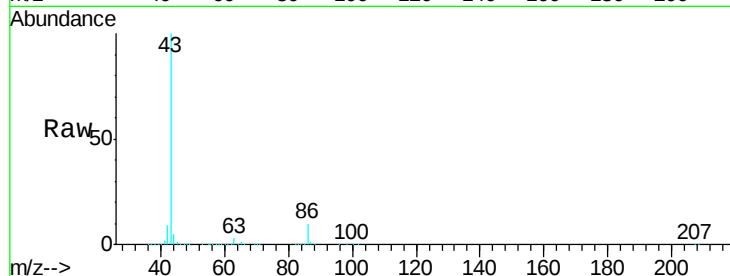
86 10.0 7.8 11.6

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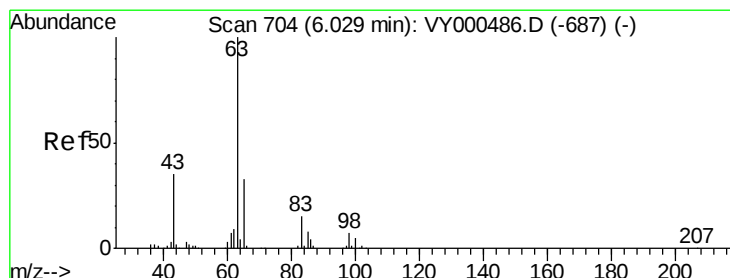
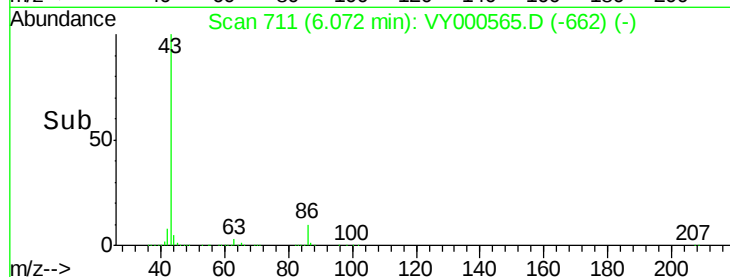
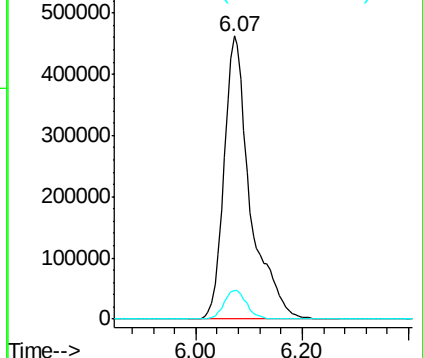
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.680 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

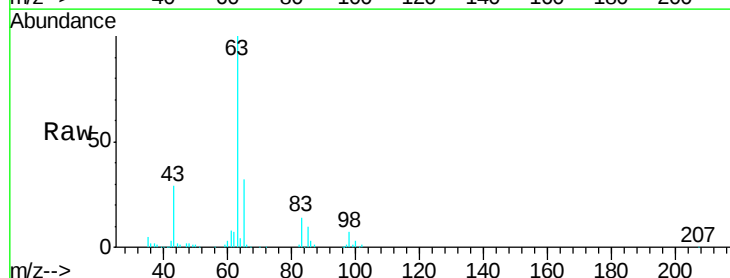
Tgt Ion: 63 Resp: 284512

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

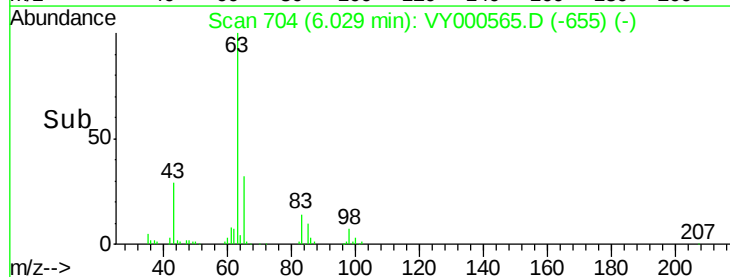
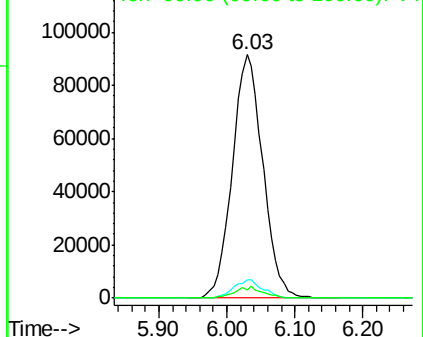
100 3.5 2.4 7.1

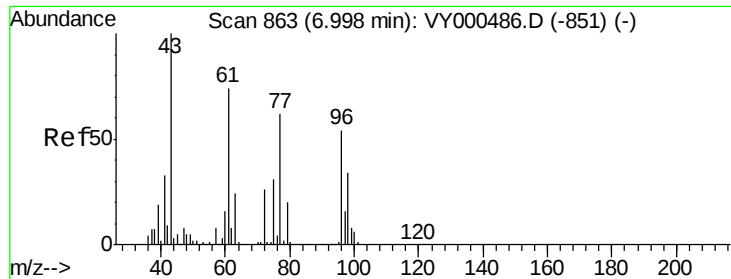


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 228.010 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 282364

Ion Ratio Lower Upper

43 100

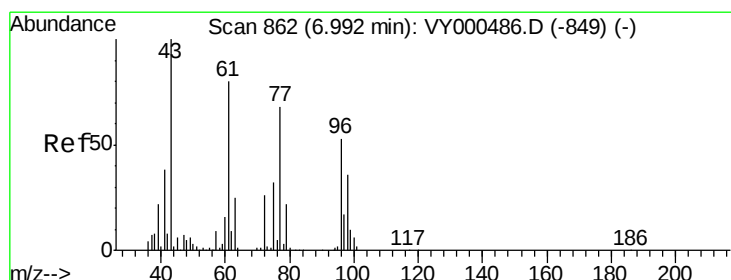
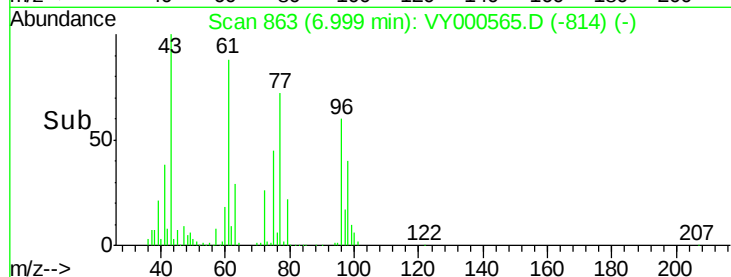
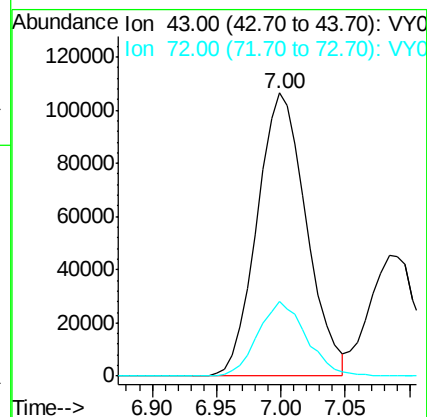
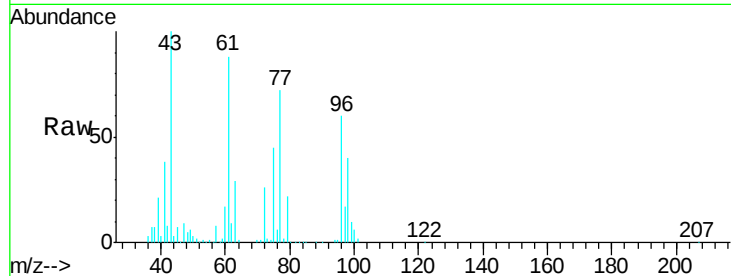
72 26.4 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.491 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000565.D

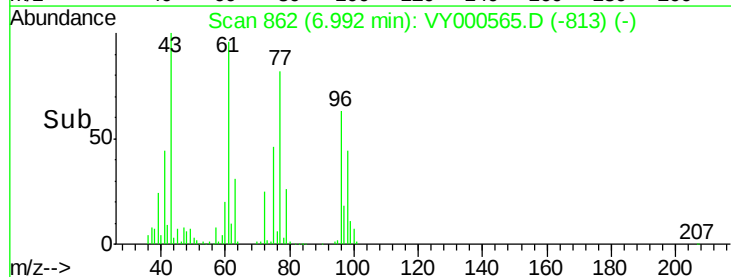
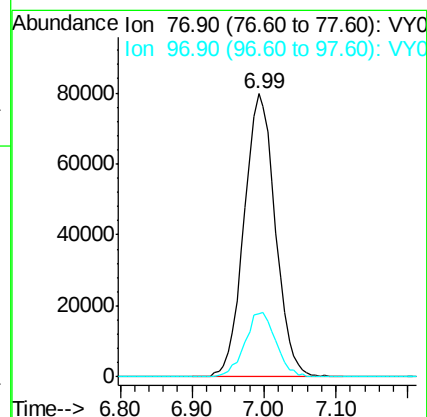
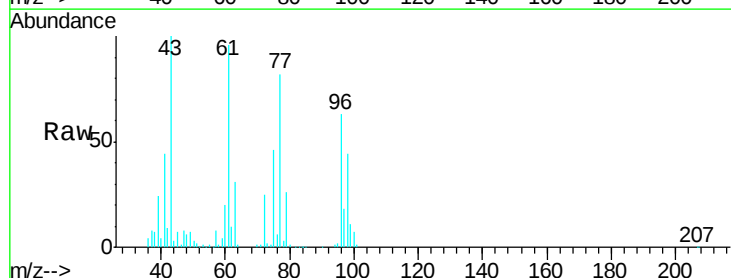
Acq: 06 Nov 2019 20:41

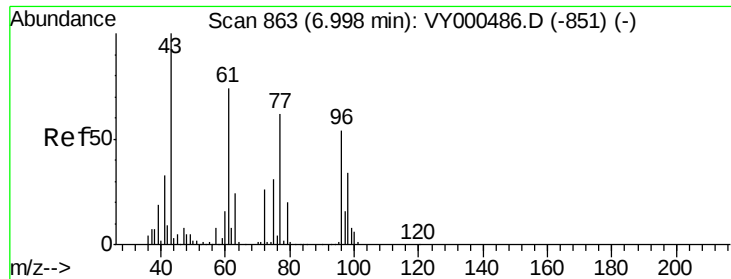
Tgt Ion: 77 Resp: 240088

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

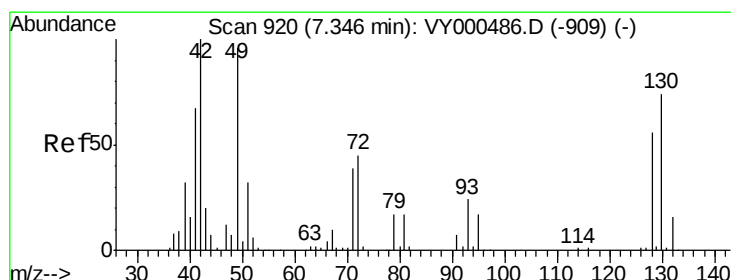
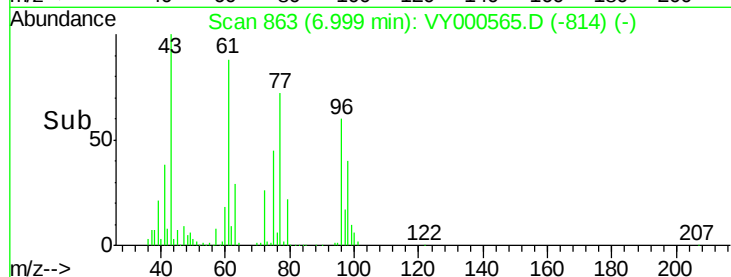
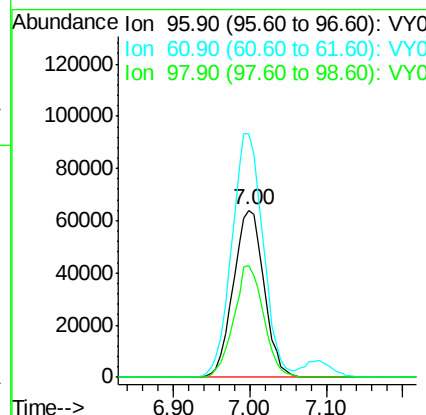
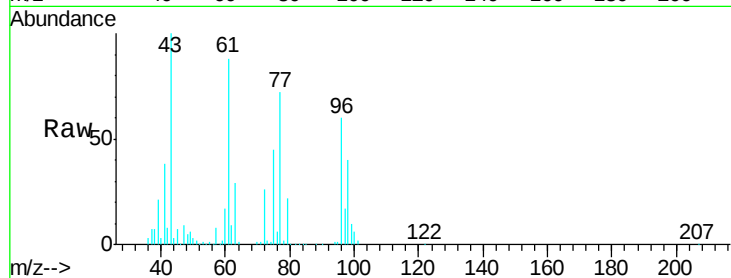
cis-1,2-Dichloroethene
Concen: 53.054 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	178231		
61	147.8	0.0	287.0	
98	64.8	0.0	129.4	

Manual Integrations
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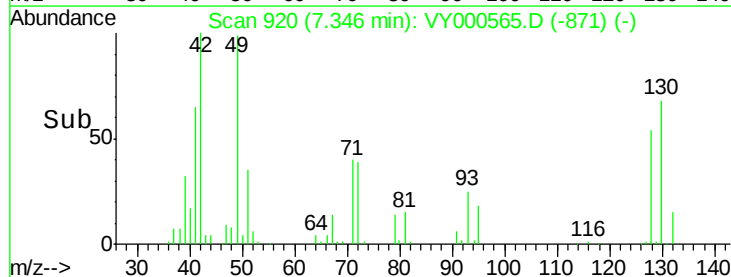
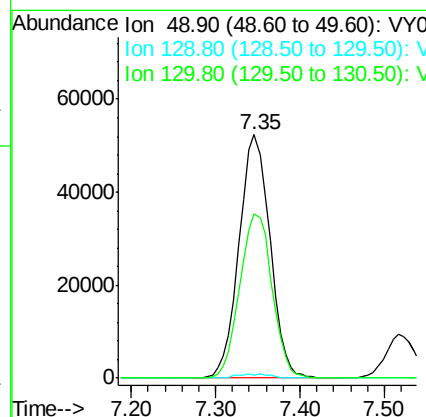
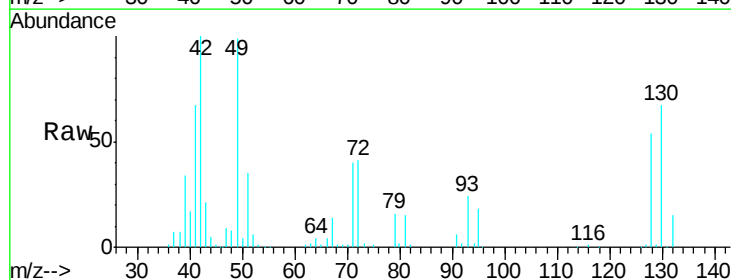
MMDadoda
11/8/2019 10:38:59 AM

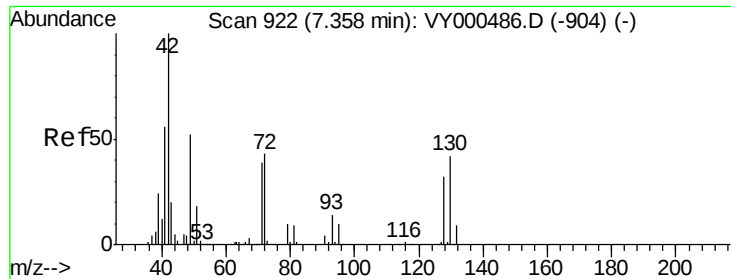


#28

Bromochloromethane
Concen: 54.468 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130199		
129	1.9	0.0	3.6	
130	70.3	59.4	89.0	





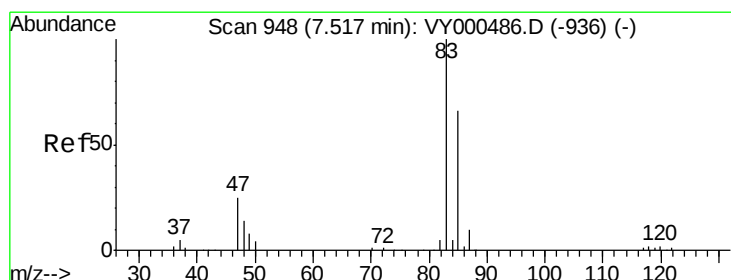
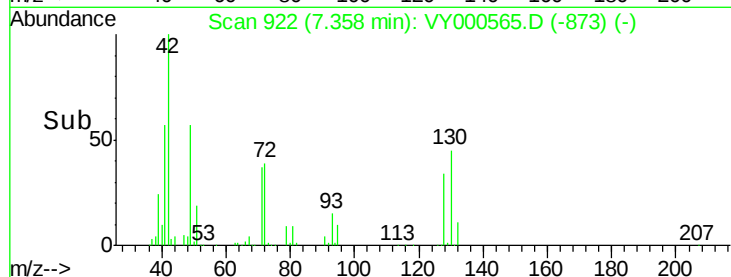
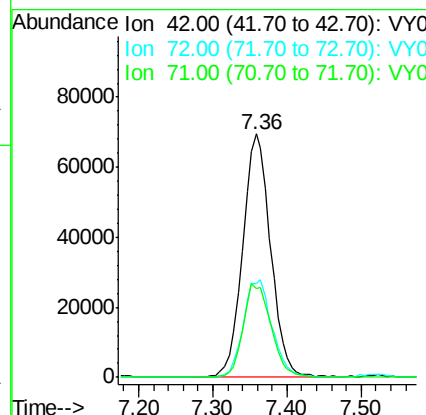
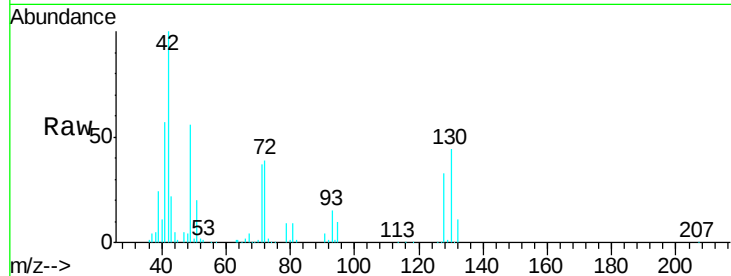
#29
Tetrahydrofuran
Concen: 241.767 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.0	51.0
71	38.5	30.8	46.2

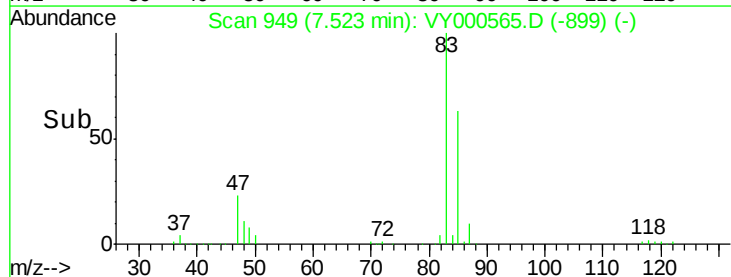
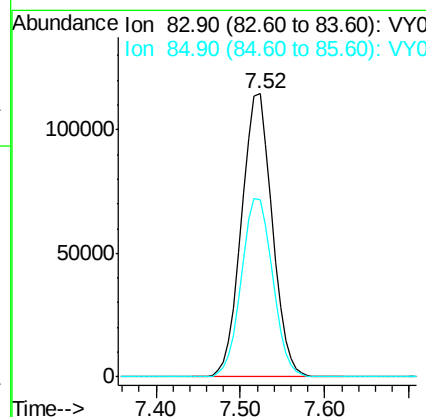
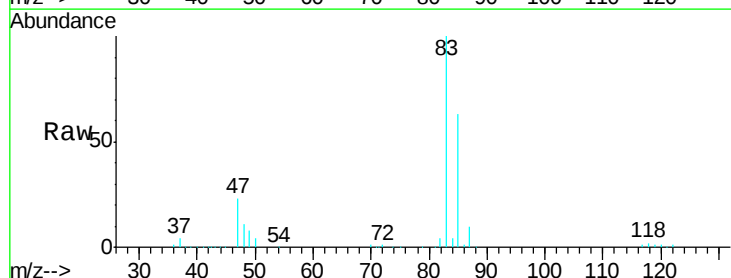
Manual Integrations
APPROVED

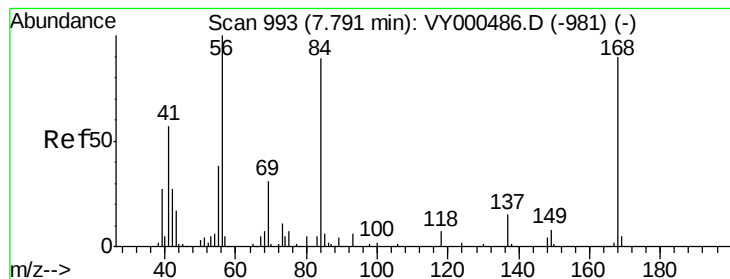
MMDadoda
11/8/2019 10:38:59 AM



#30
Chloroform
Concen: 53.431 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.0	79.4





#31

Cyclohexane

Concen: 49.568 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 270134

Ion Ratio Lower Upper

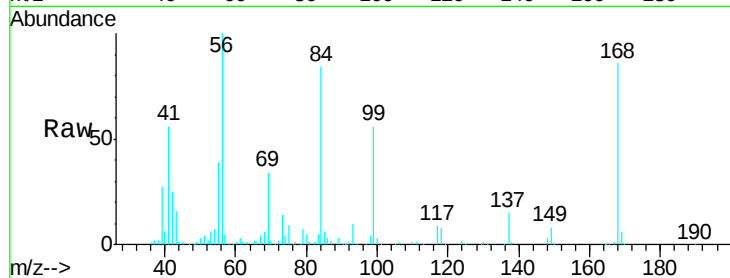
56 100

69 33.7 25.0 37.6

84 82.3 71.4 107.2

Manual Integrations
APPROVED

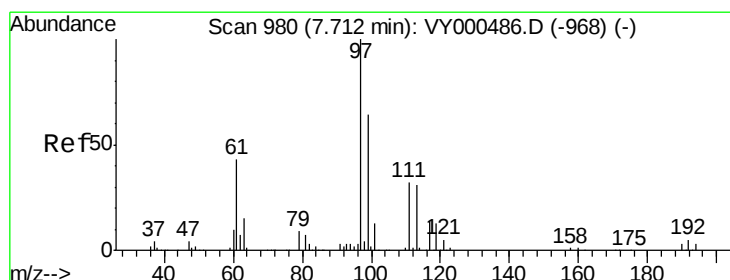
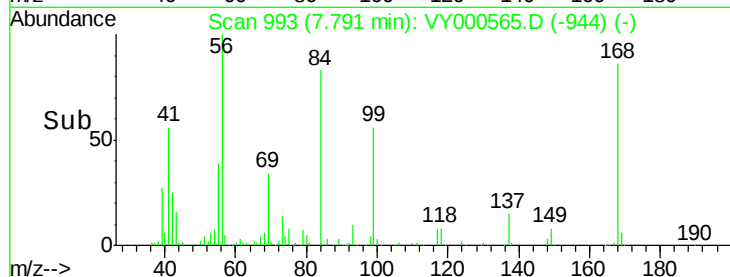
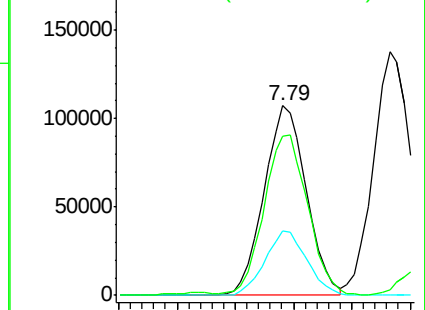
MMDadoda
11/8/2019 10:38:59 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 52.206 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

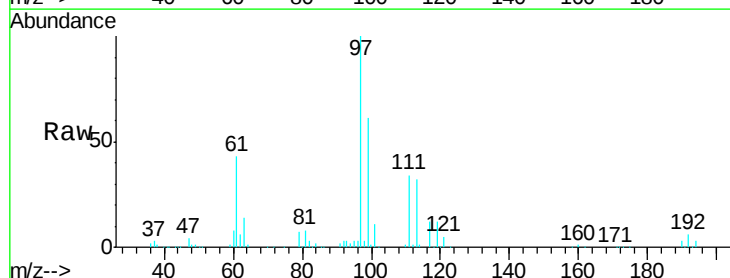
Tgt Ion: 97 Resp: 244903

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

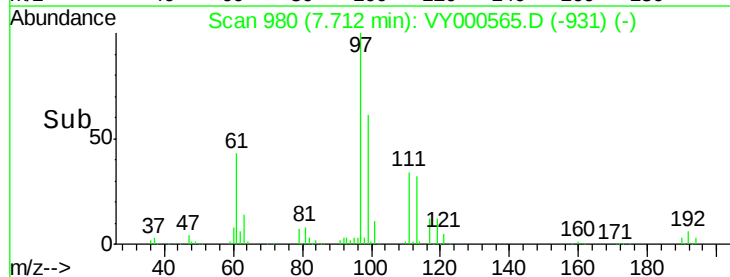
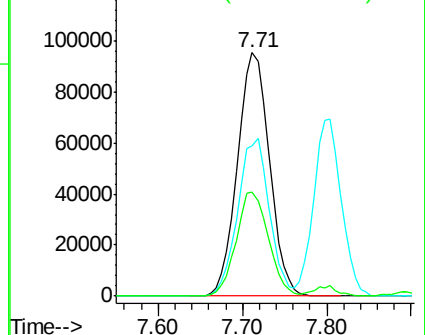
61 43.2 34.9 52.3

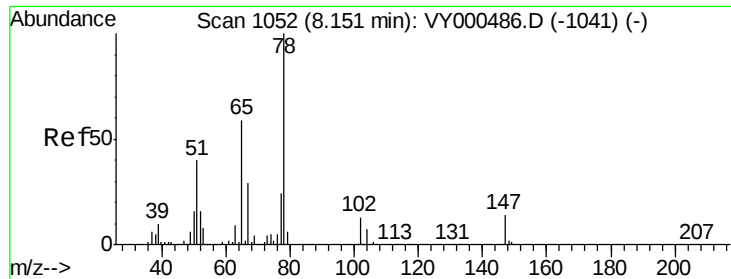


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





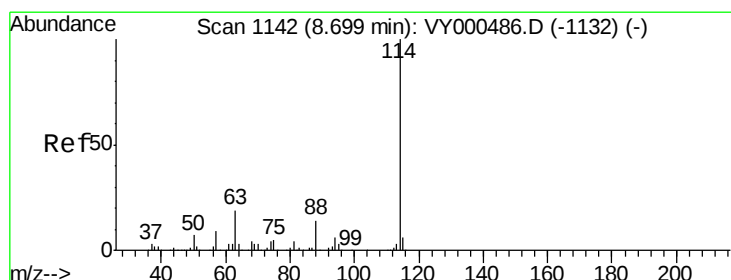
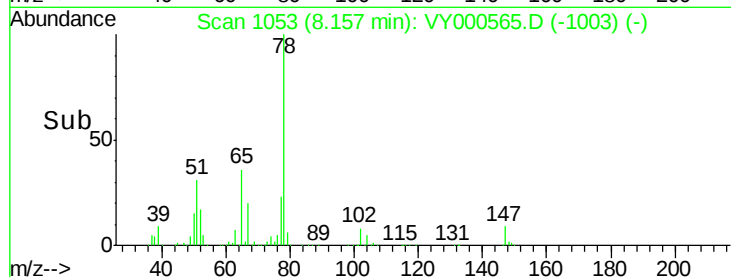
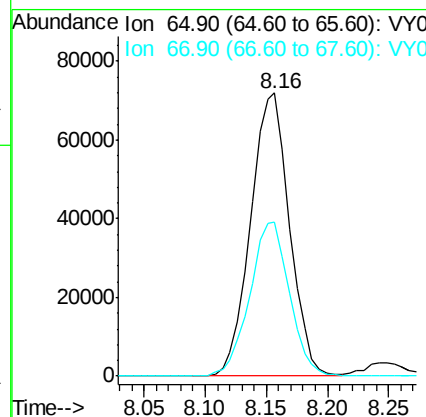
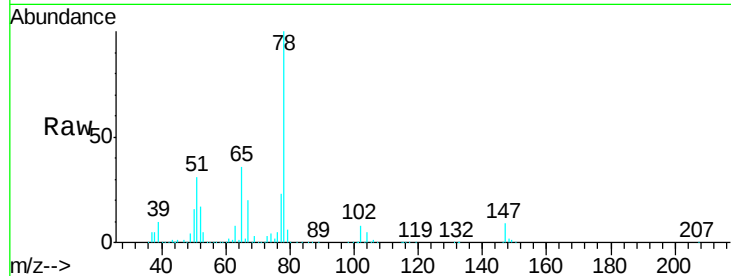
#33
 1,2-Dichloroethane-d4
 Concen: 56.564 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159251		
67	55.6	0.0	107.2	

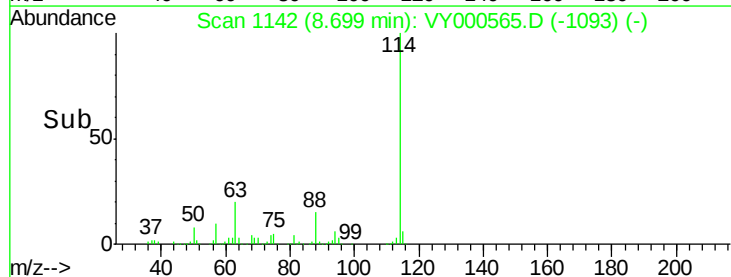
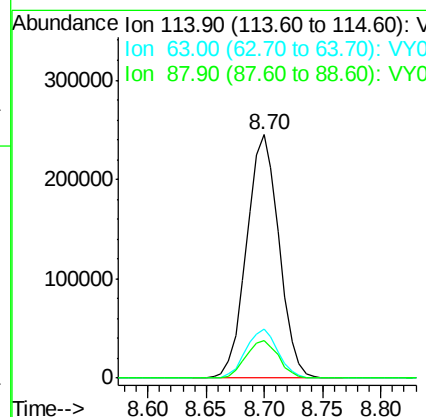
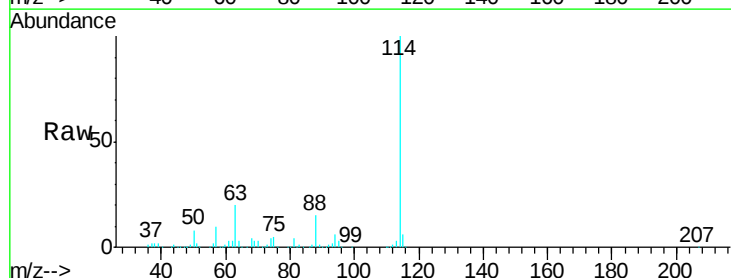
Manual Integrations
 APPROVED

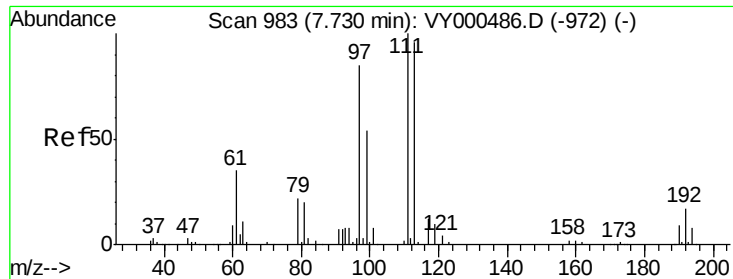
MMDadoda
 11/8/2019 10:38:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	475751		
63	20.2	0.0	38.0	
88	15.5	0.0	28.6	





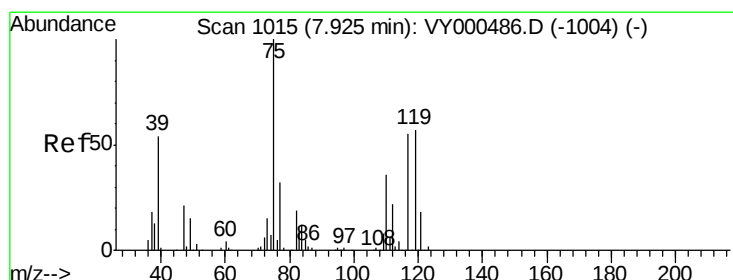
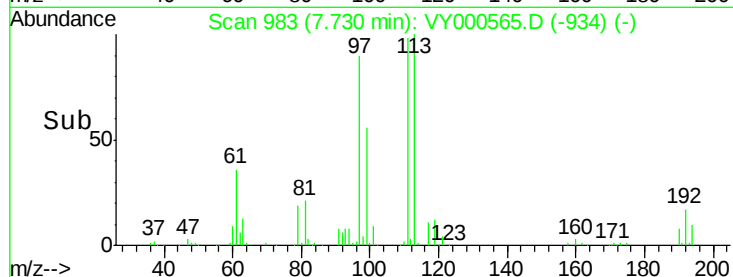
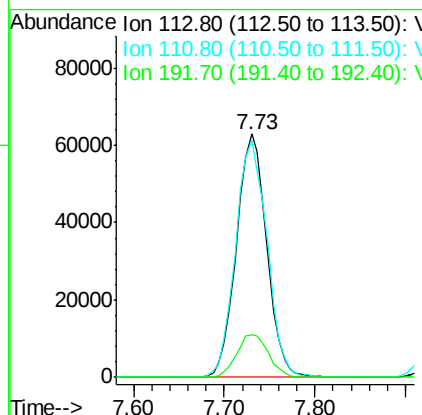
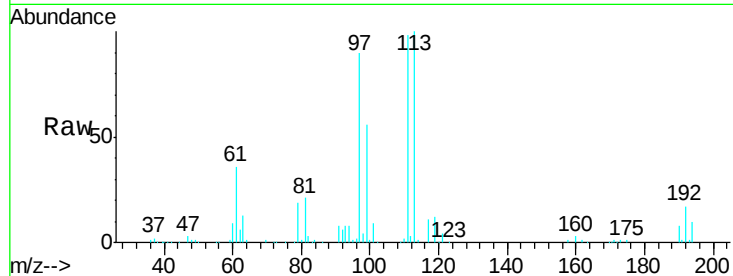
#35
Dibromofluoromethane
Concen: 52.235 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	145890		
111	101.3	81.7	122.5	
192	18.4	15.0	22.4	

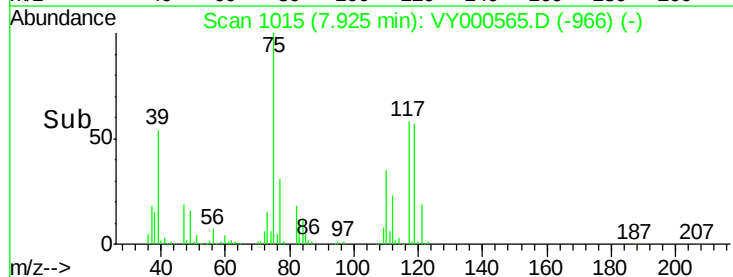
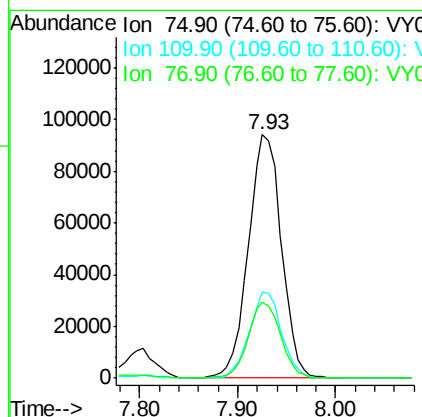
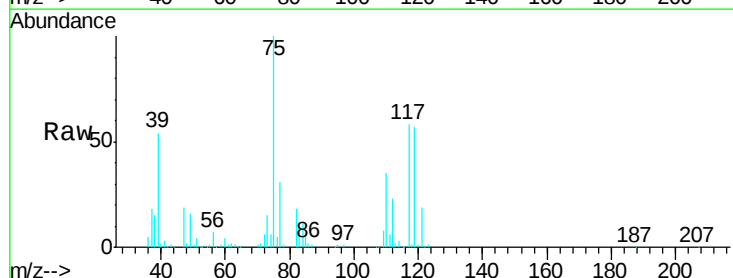
Manual Integrations
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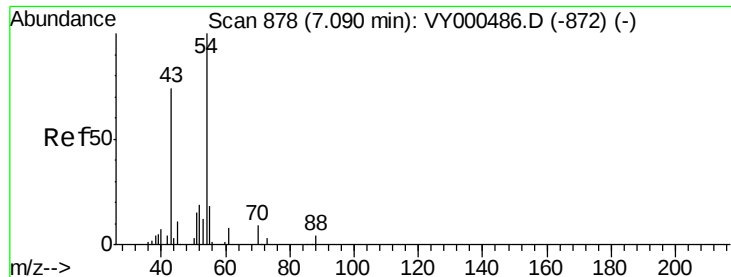
MMDadoda
11/8/2019 10:38:59 AM



#36
1,1-Dichloropropene
Concen: 48.904 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219946		
110	34.6	18.1	54.1	
77	30.9	25.0	37.6	





#37

Ethyl Acetate

Concen: 45.534 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

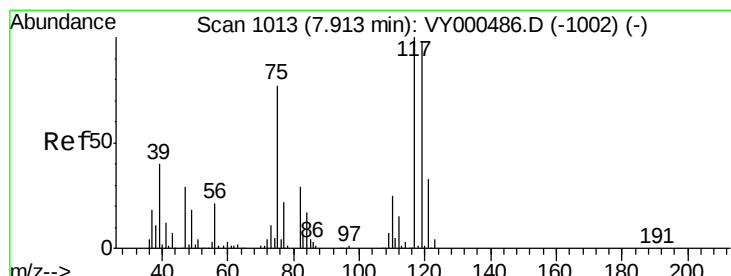
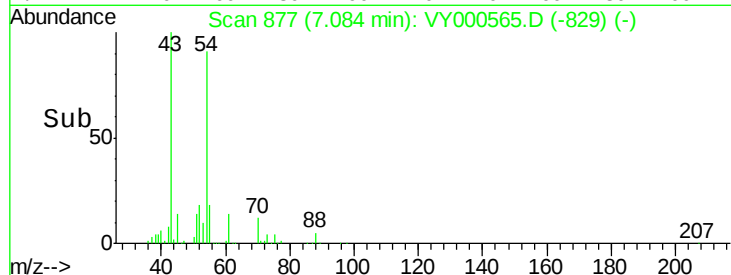
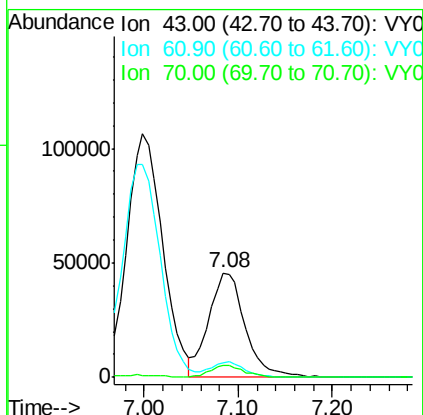
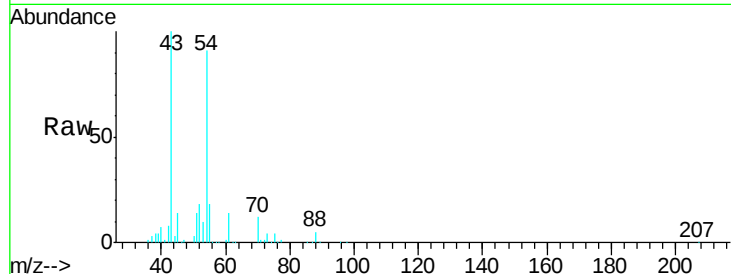
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	121584
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	10.8	7.8	11.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.436 ug/l

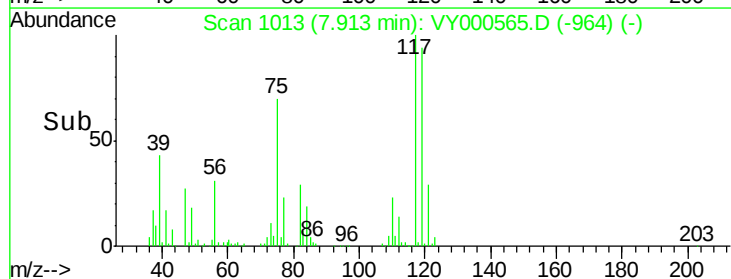
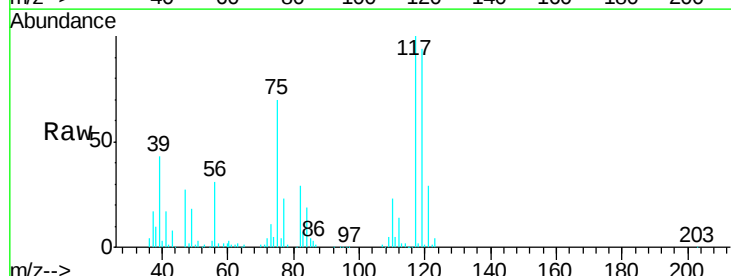
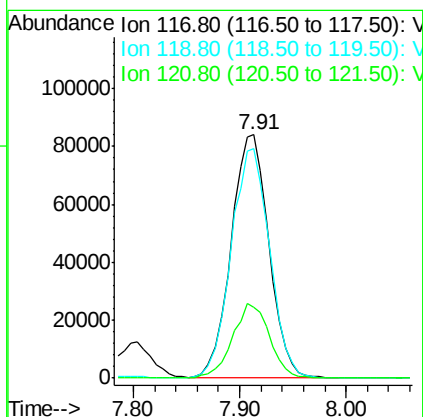
RT: 7.91 min Scan# 1013

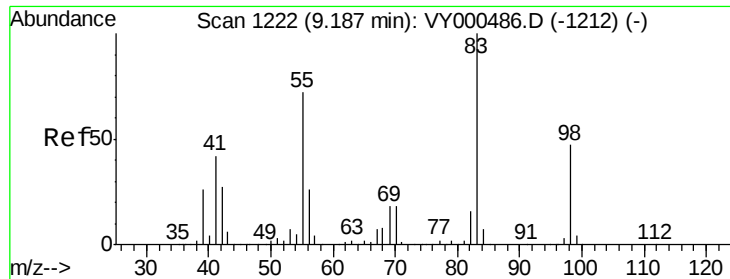
Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion:	117	Resp:	209612
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.0	117.0
121	29.3	26.6	40.0





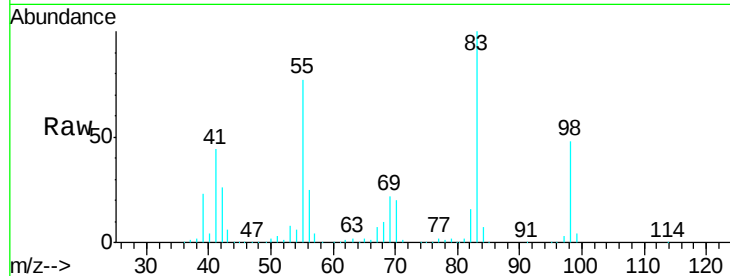
#39
Methylcyclohexane
Concen: 48.267 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

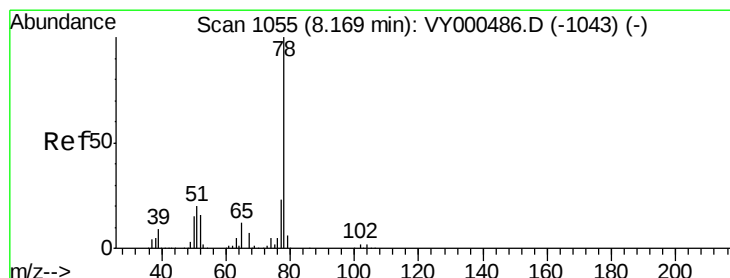
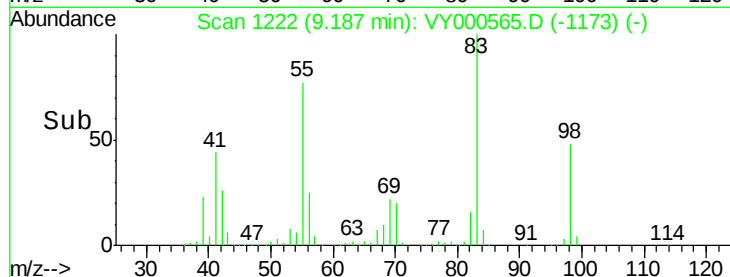
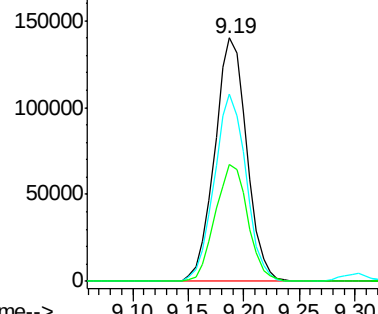
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	57.5	86.3
98	47.8	38.0	57.0

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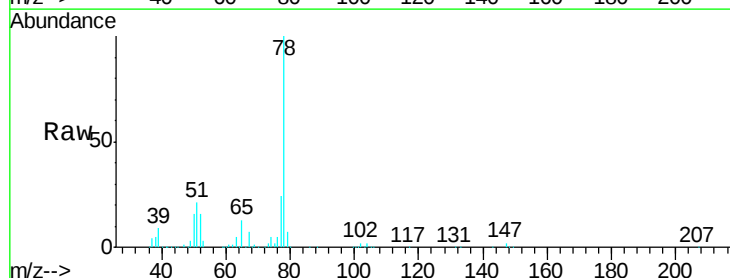


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

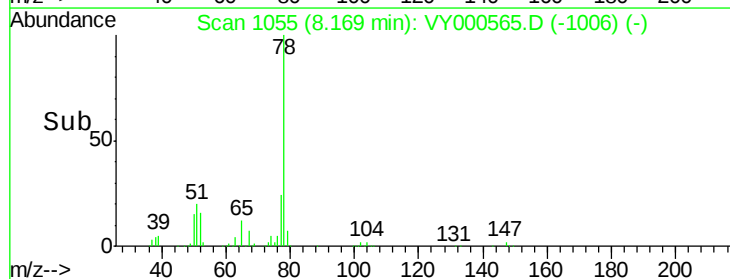
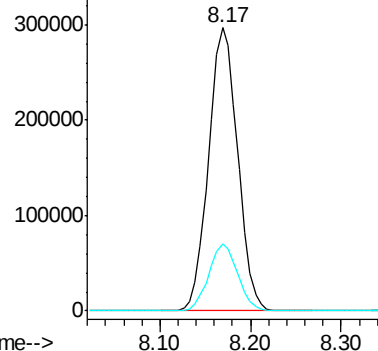


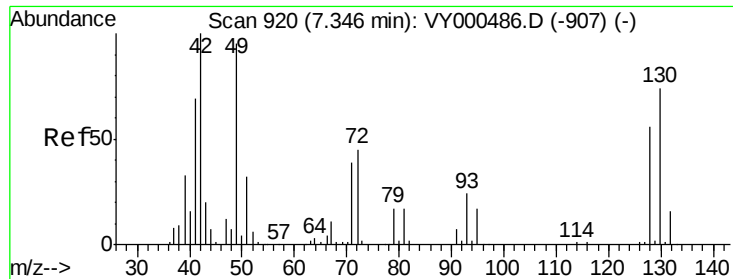
#40
Benzene
Concen: 49.935 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





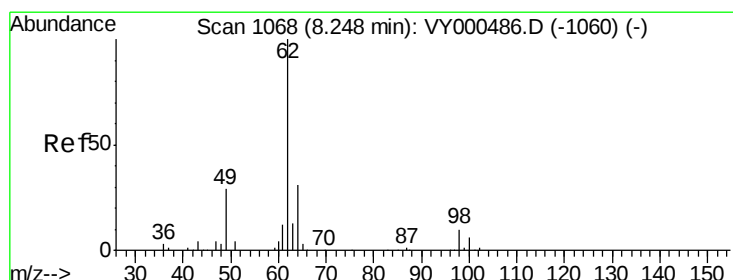
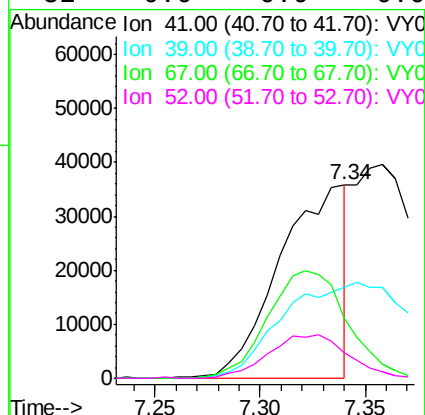
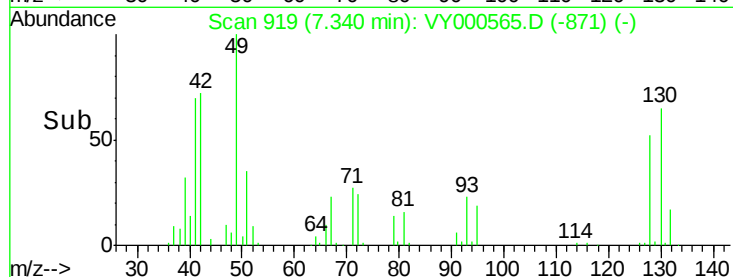
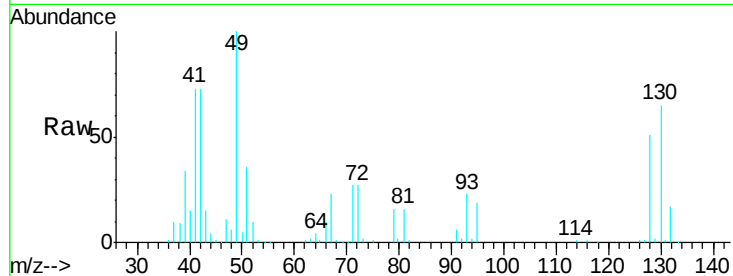
#41
Methacrylonitrile
Concen: 53.644 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	96.0	68.2	102.4
67	0.0	0.0	0.0
52	0.0	0.0	0.0

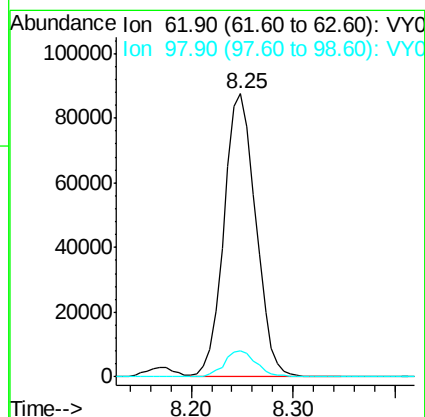
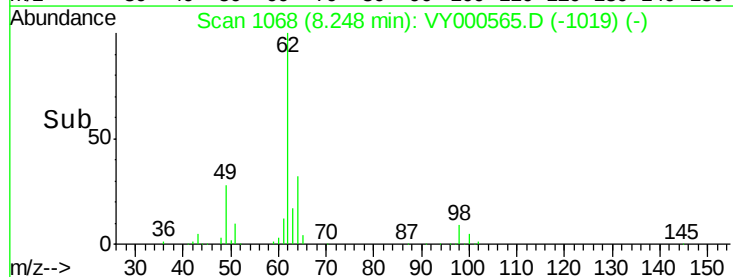
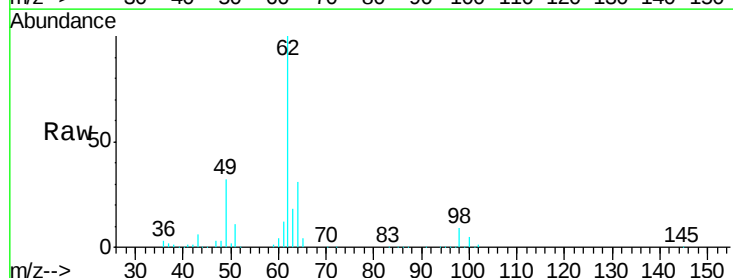
Manual Integrations
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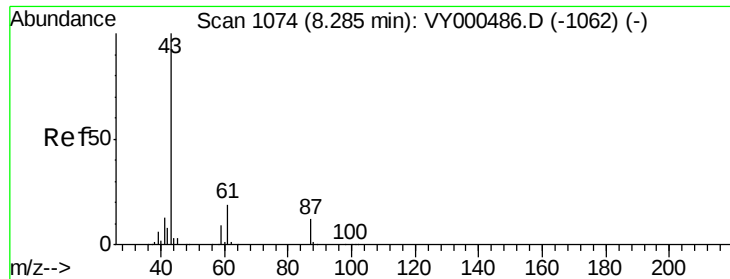
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#42
1,2-Dichloroethane
Concen: 50.515 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





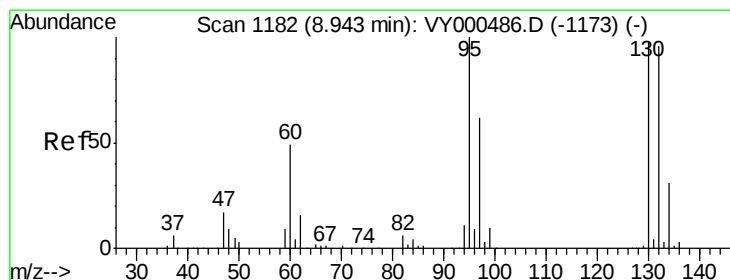
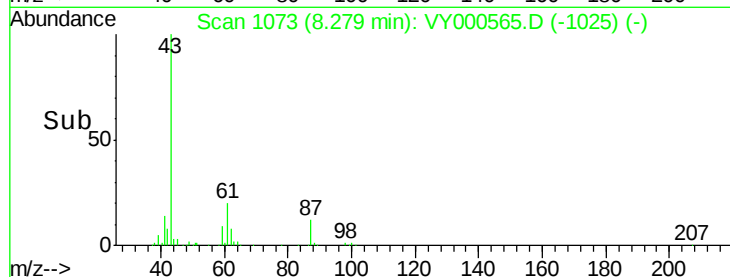
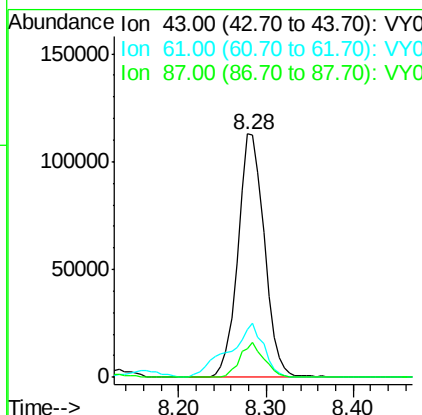
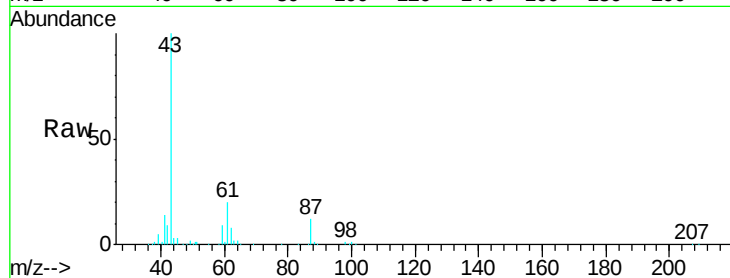
#43
Isopropyl Acetate
Concen: 47.418 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.4
87	13.1	10.5	15.7

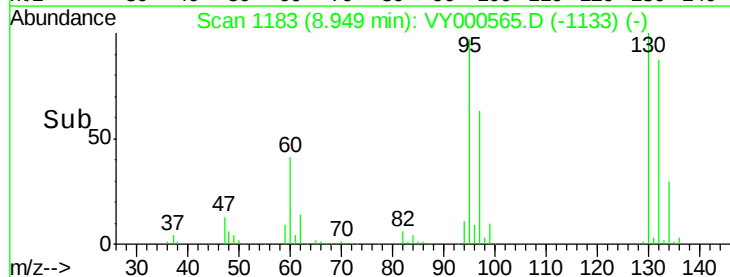
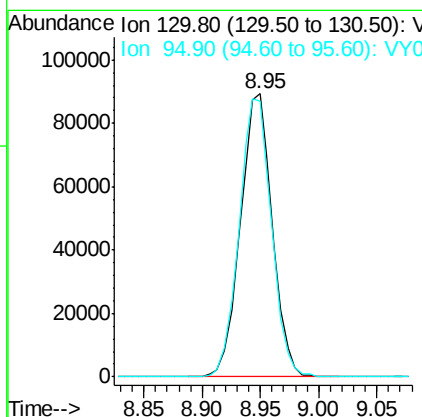
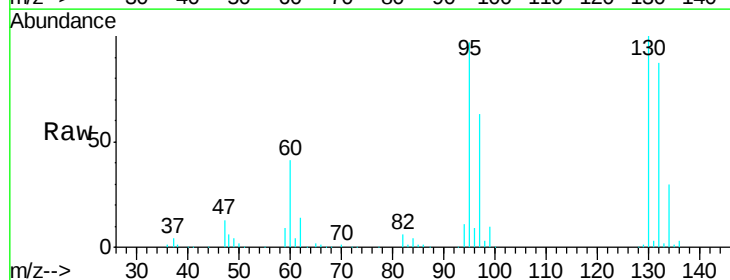
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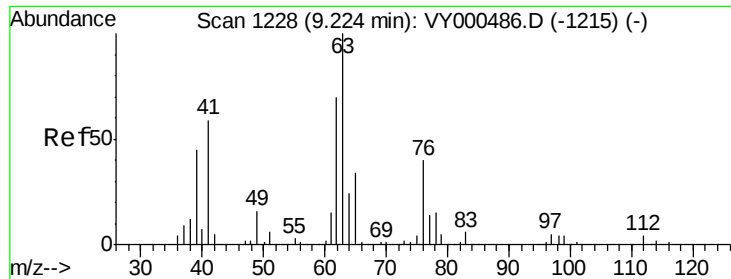
MMDadoda
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#44
Trichloroethene
Concen: 48.941 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	203.2





#45

1,2-Dichloropropane

Concen: 51.577 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 167381

Ion Ratio Lower Upper

63 100

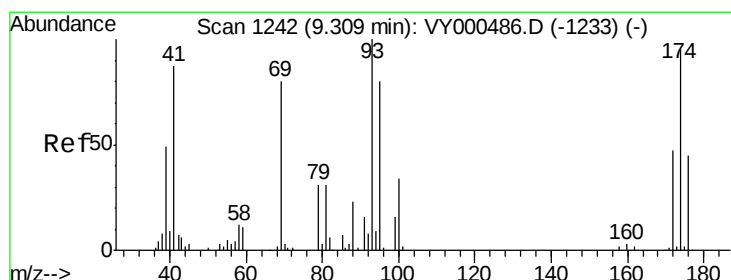
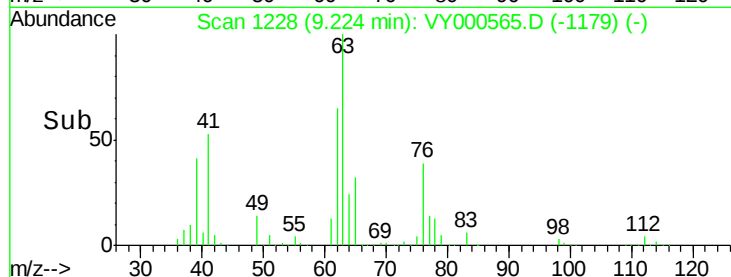
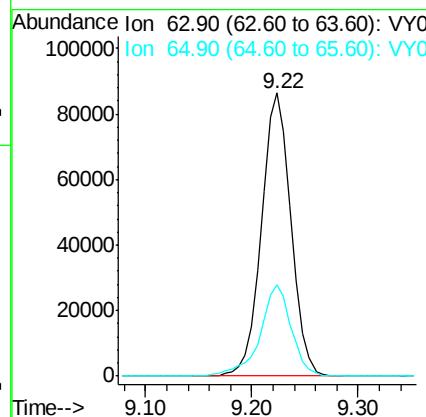
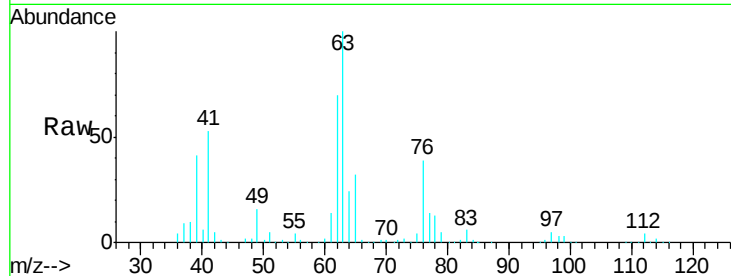
65 32.5 27.0 40.4

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#46

Dibromomethane

Concen: 47.978 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

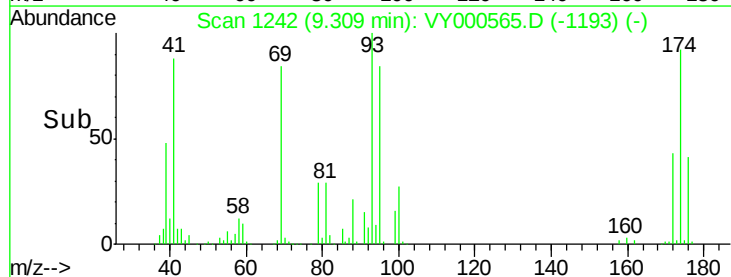
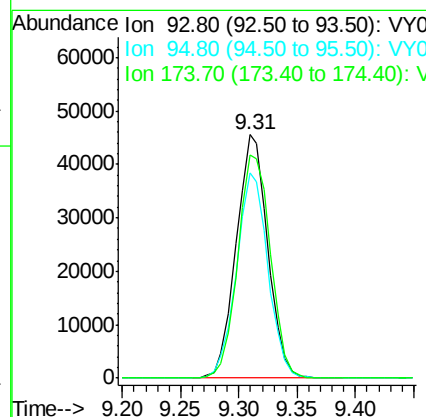
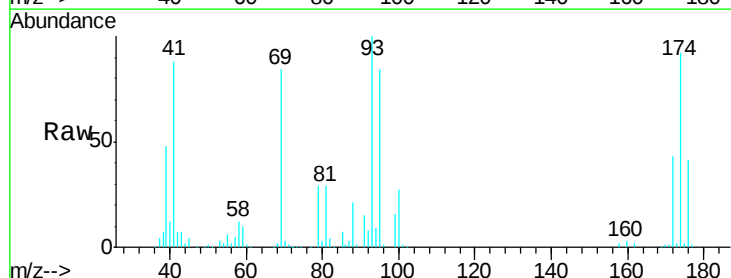
Tgt Ion: 93 Resp: 85630

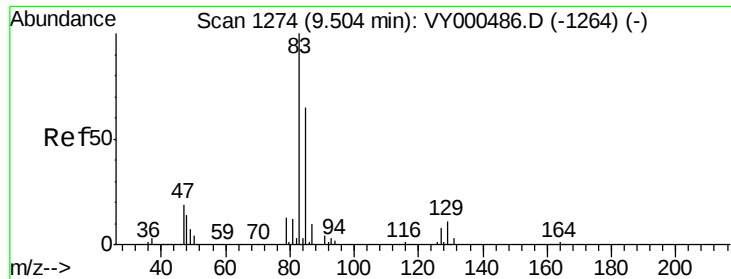
Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

174 95.0 77.1 115.7





#47

Bromodichloromethane

Concen: 51.777 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

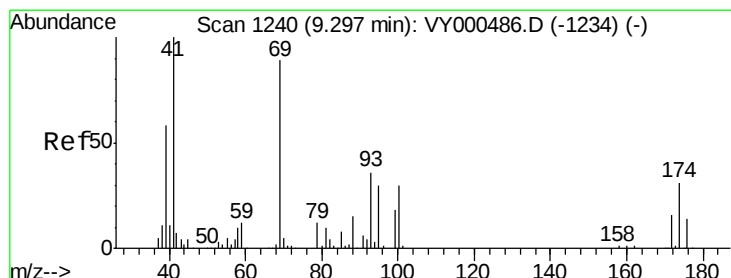
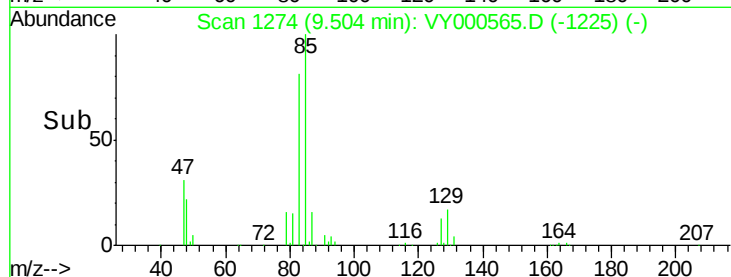
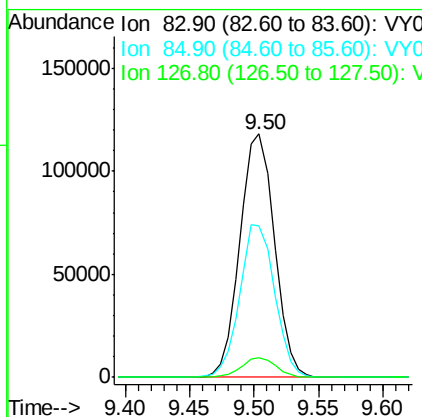
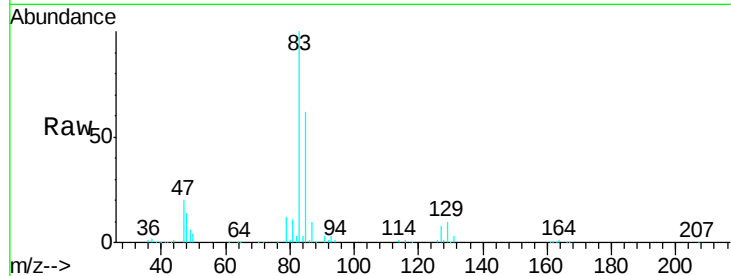
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	219270
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.8
127	8.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 48.275 ug/l

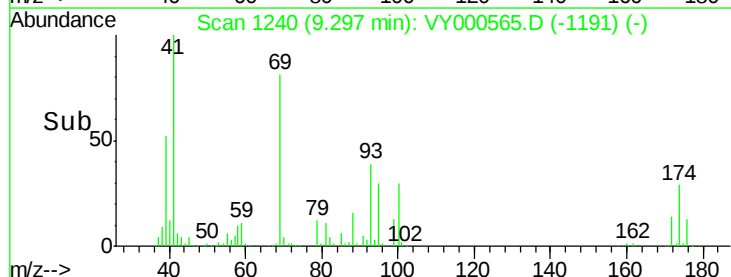
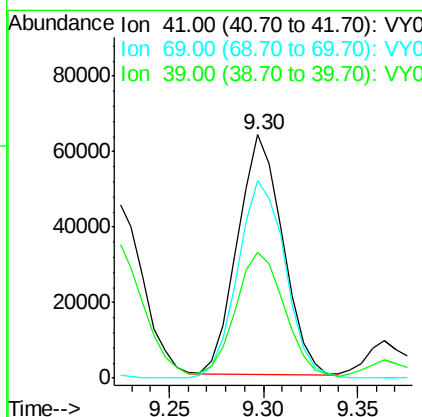
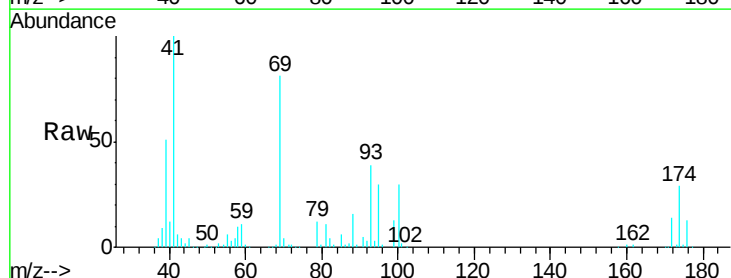
RT: 9.30 min Scan# 1240

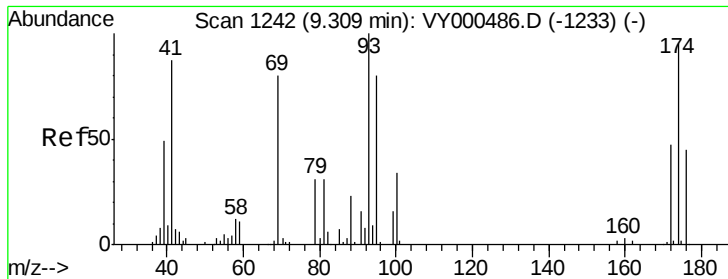
Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion:	41	Resp:	105799
Ion	Ratio	Lower	Upper
41	100		
69	86.9	72.5	108.7
39	57.5	47.8	71.8





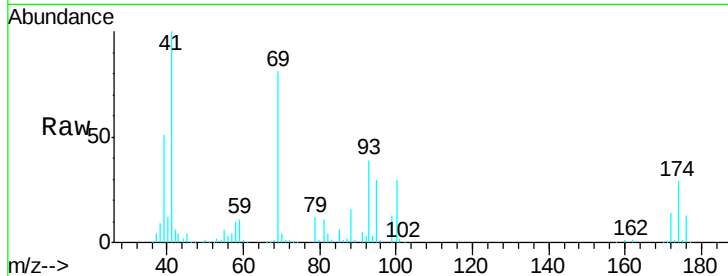
#49
 1,4-Dioxane
 Concen: 960.941 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

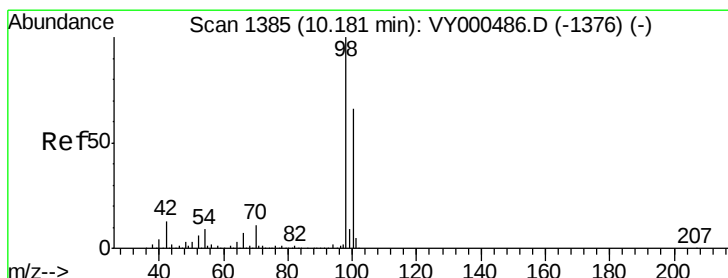
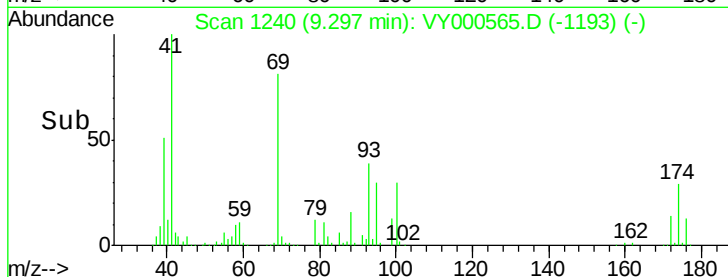
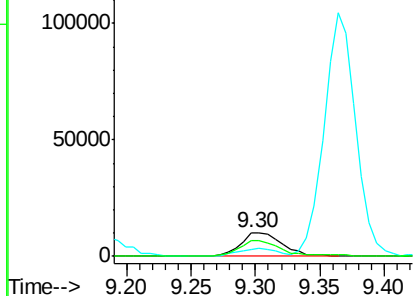
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.1	37.7
58	67.7	50.6	75.8

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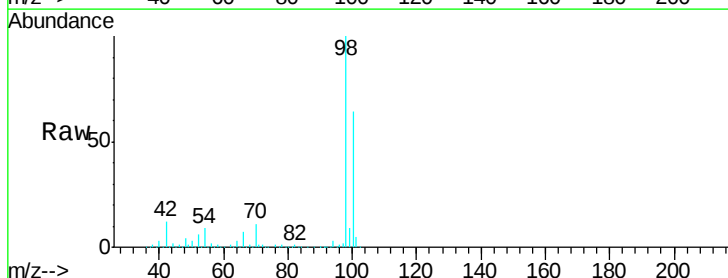


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

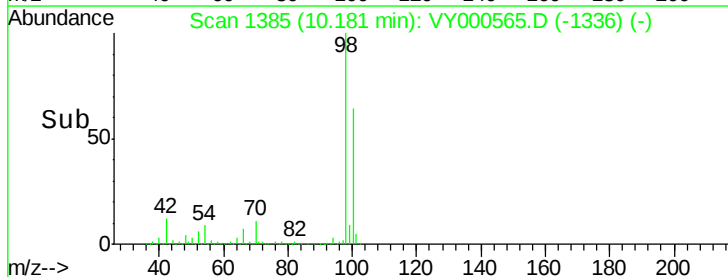
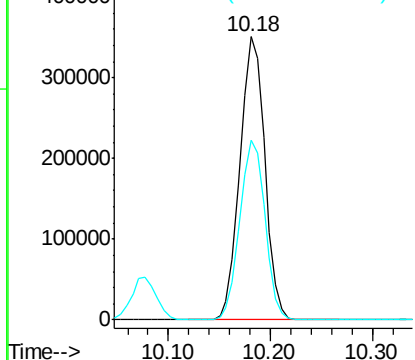


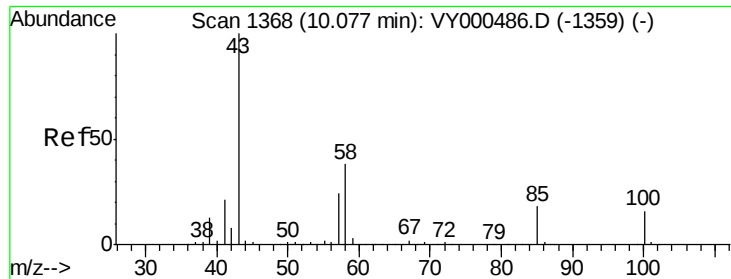
#50
 Toluene-d8
 Concen: 55.830 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 234.215 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 624620

Ion Ratio Lower Upper

43 100

58 38.4

30.2

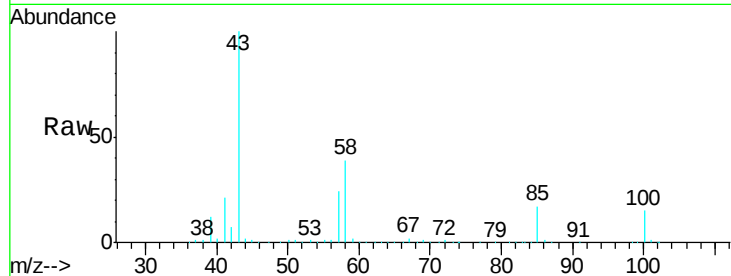
45.4

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

400000

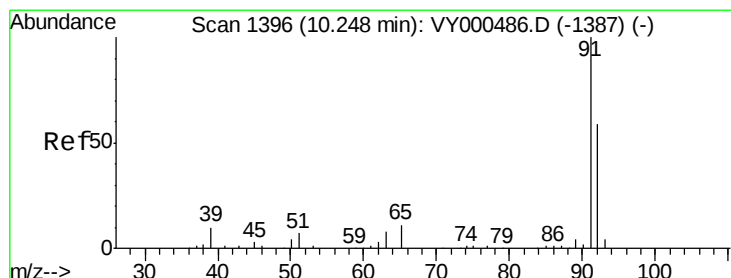
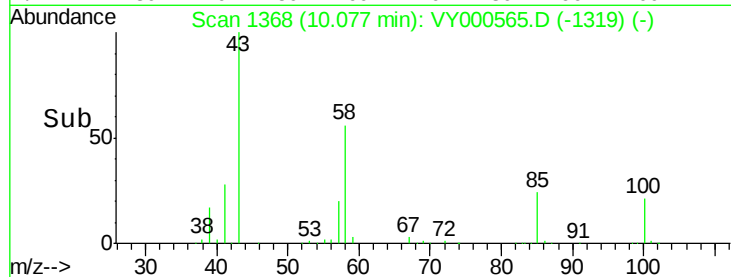
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.214 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion: 92 Resp: 418604

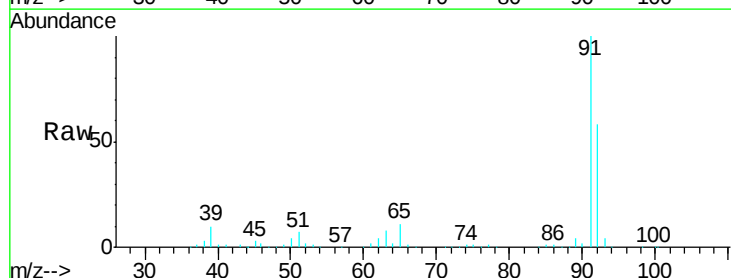
Ion Ratio Lower Upper

92 100

91 171.4

136.3

204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

500000

400000

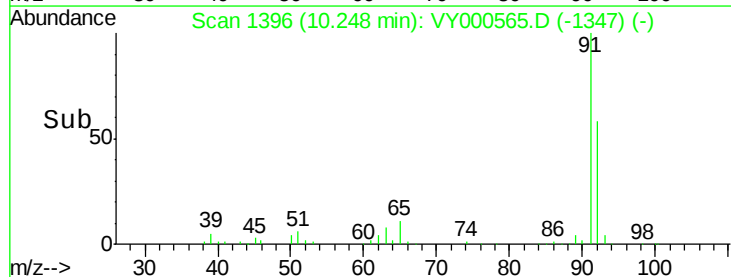
300000

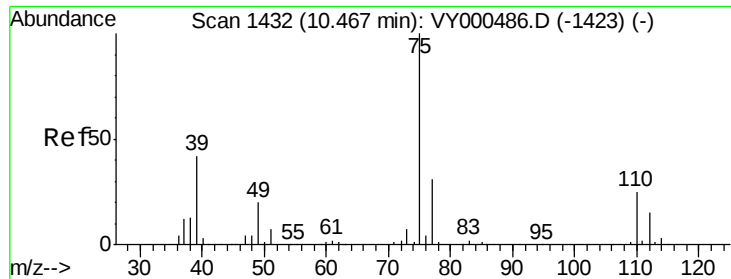
200000

100000

0

Time-->





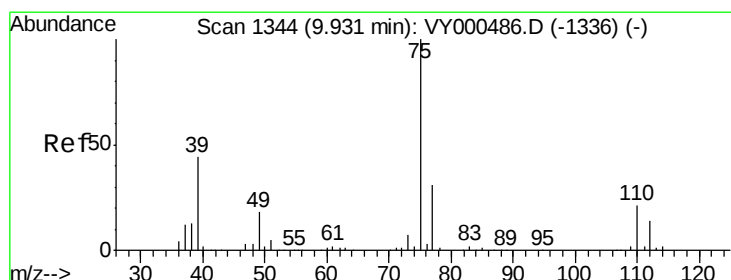
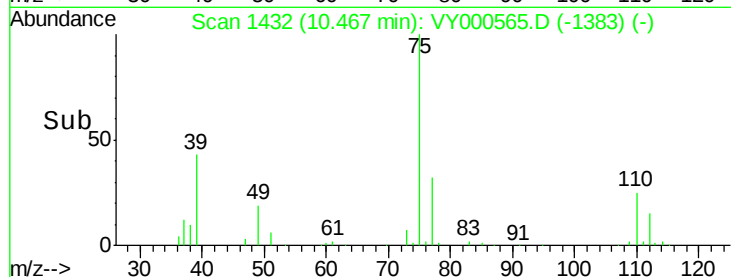
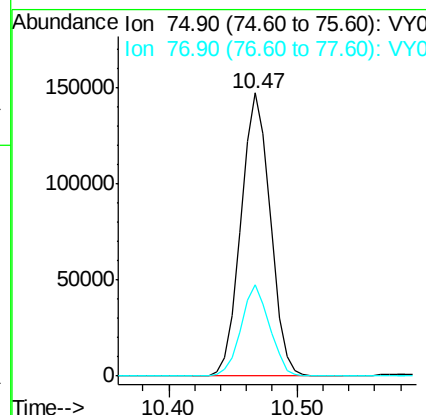
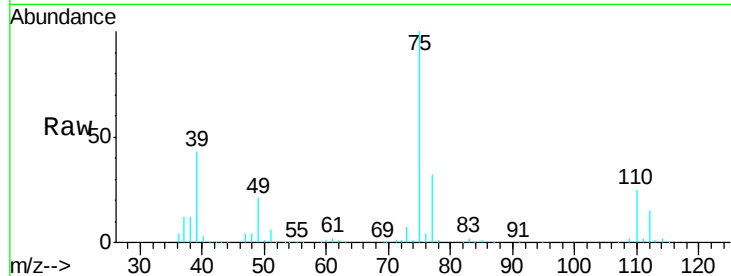
#53
t-1,3-Dichloropropene
Concen: 51.215 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 231745
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0

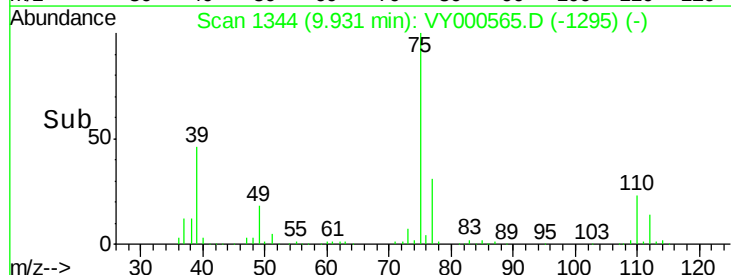
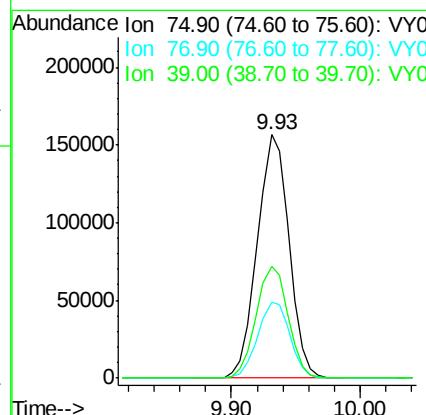
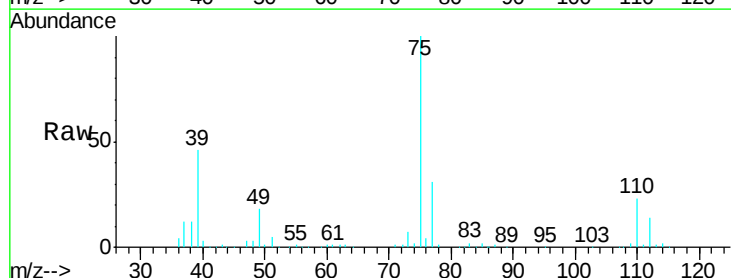
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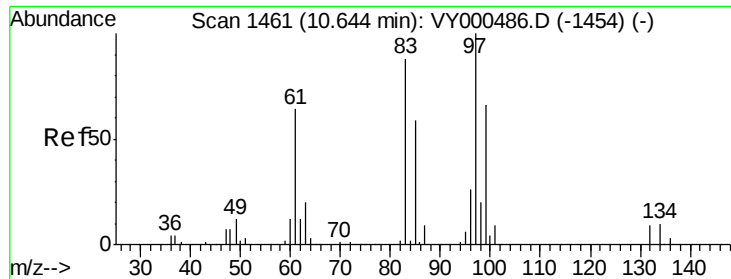
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#54
cis-1,3-Dichloropropene
Concen: 51.336 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 75 Resp: 266114
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 46.0 35.4 53.2





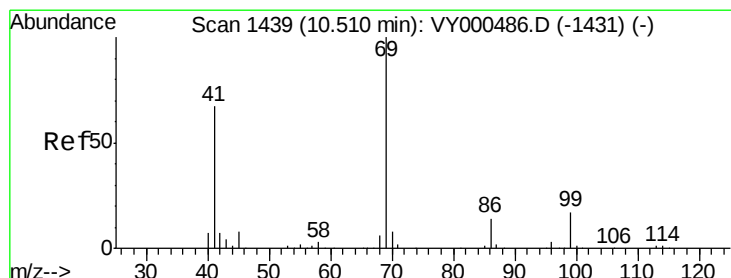
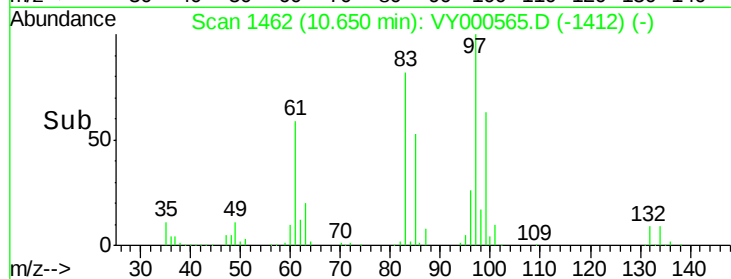
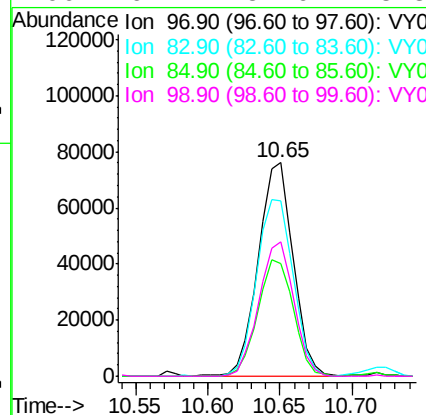
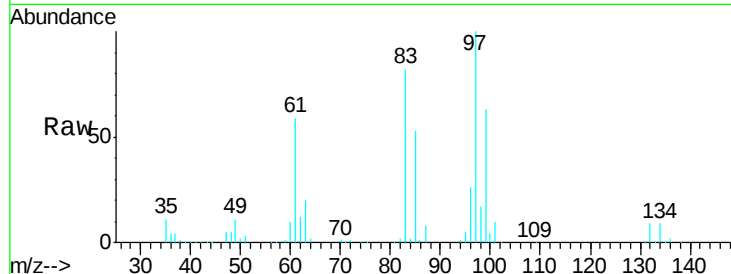
#55
 1,1,2-Trichloroethane
 Concen: 49.226 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	70.2	105.4
85	52.6	46.9	70.3
99	62.7	52.6	78.8

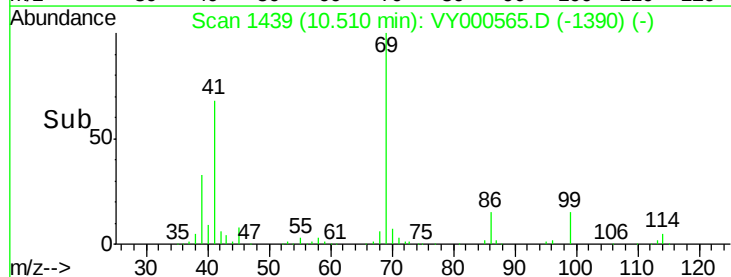
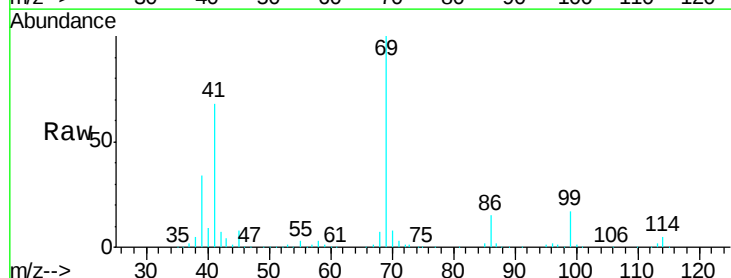
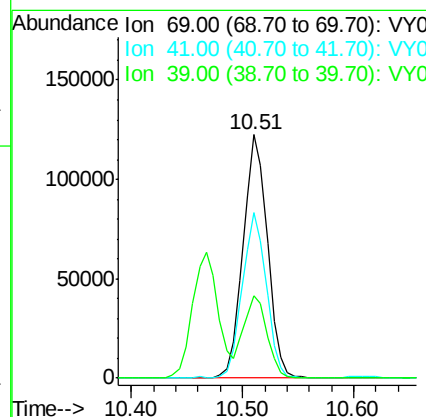
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#56
 Ethyl methacrylate
 Concen: 50.755 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.3	79.9
39	32.4	28.0	42.0





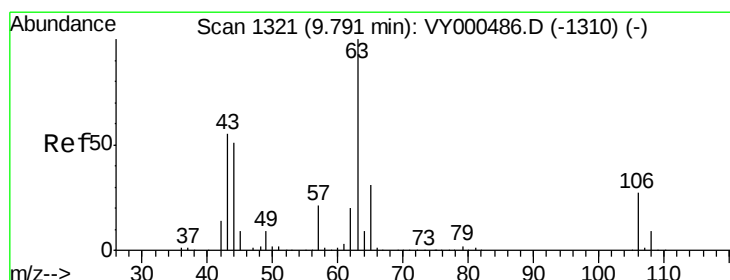
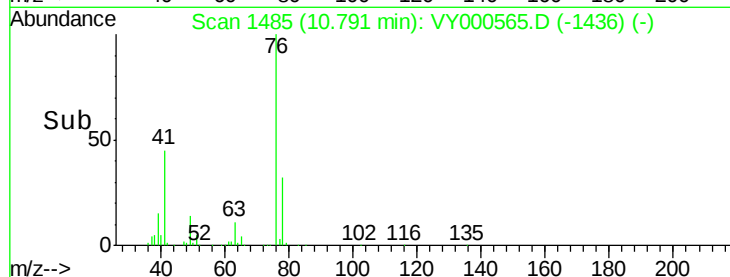
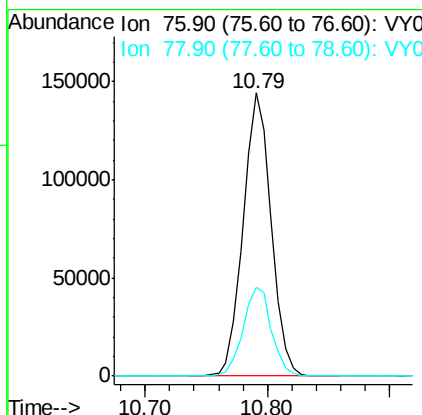
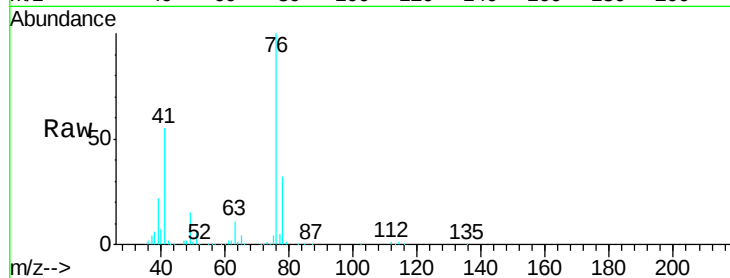
#57
 1,3-Dichloropropane
 Concen: 50.591 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 228575
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8

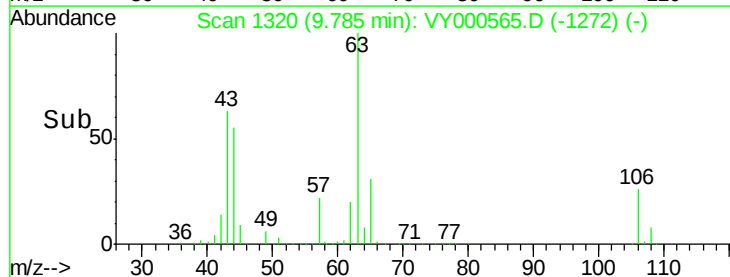
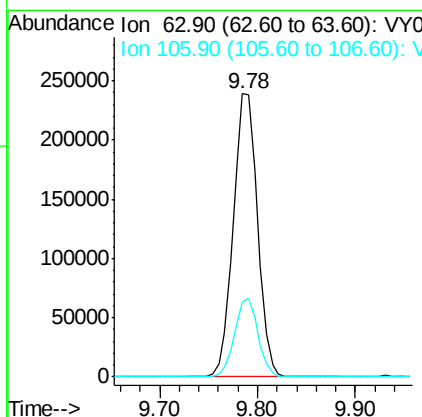
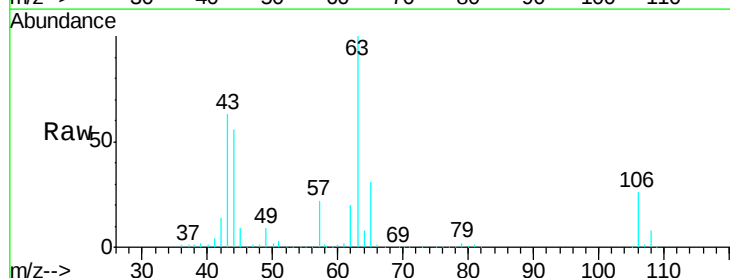
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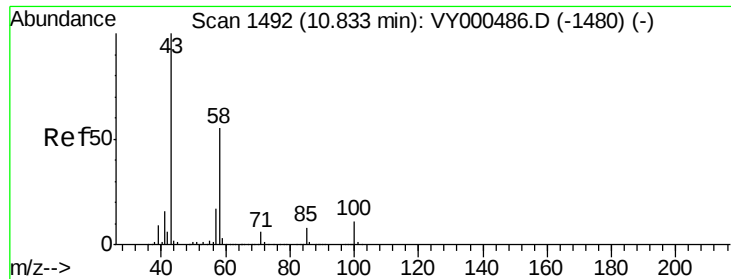
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.575 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion: 63 Resp: 411165
 Ion Ratio Lower Upper
 63 100
 106 26.7 22.6 33.8





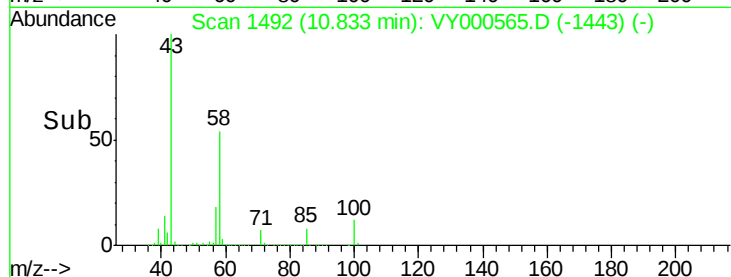
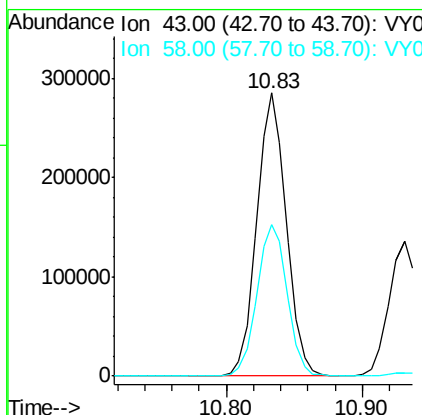
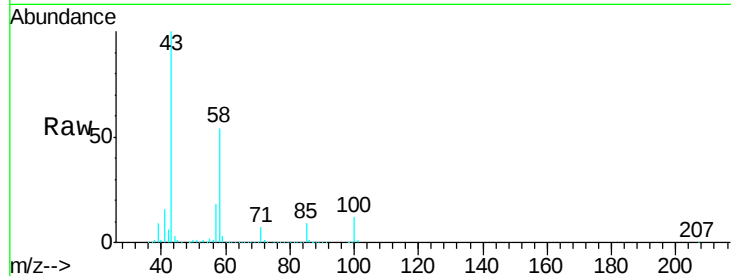
#59
2-Hexanone
Concen: 223.761 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 434783
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

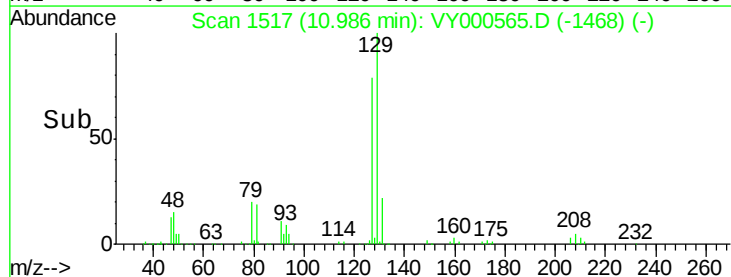
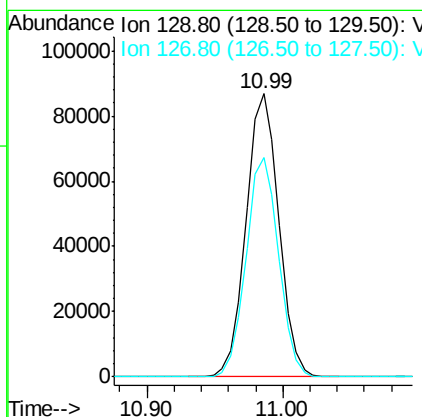
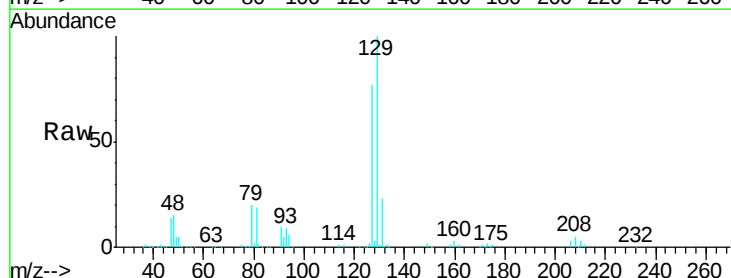
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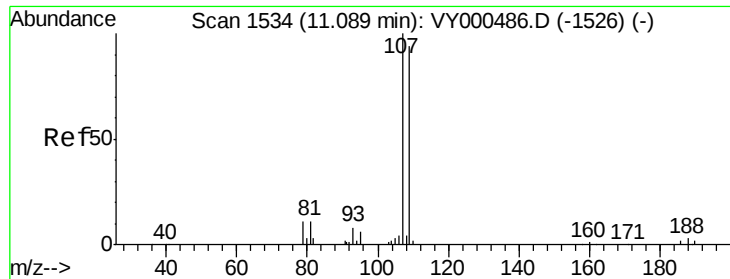
MMDadoda
11/8/2019 10:38:59 AM



#60
Dibromochloromethane
Concen: 49.543 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 129 Resp: 146491
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.230 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 119708

Ion Ratio Lower Upper

107 100

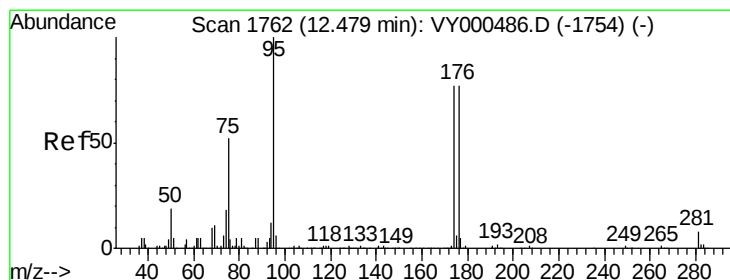
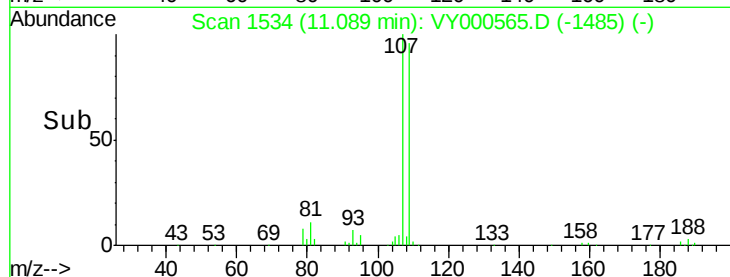
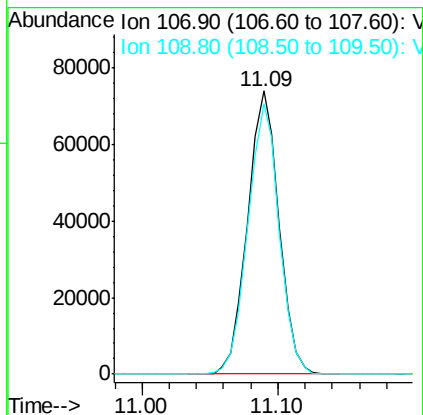
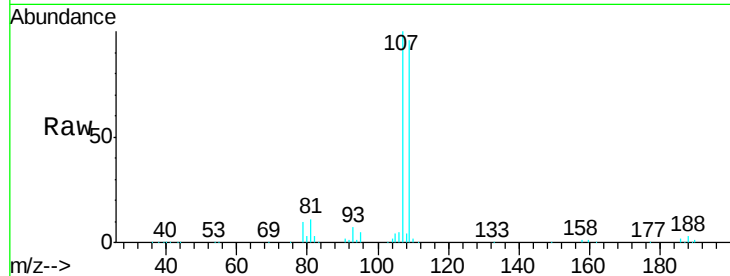
109 95.4 73.6 110.4

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#62

4-Bromofluorobenzene

Concen: 53.693 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

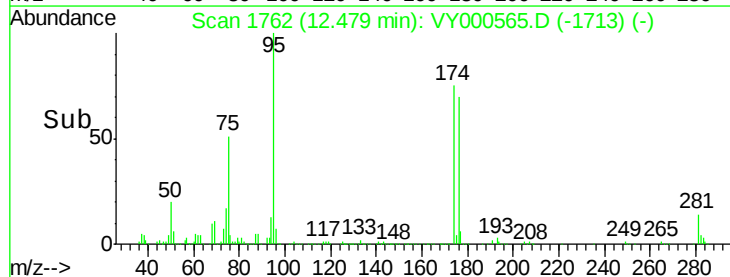
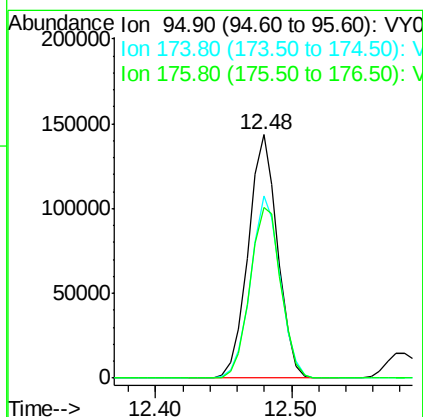
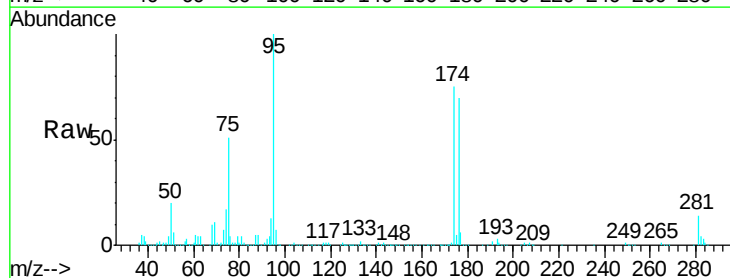
Tgt Ion: 95 Resp: 216625

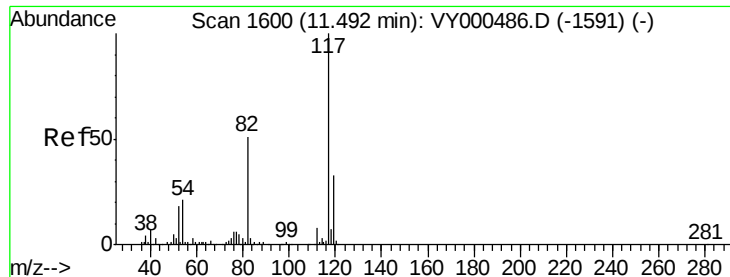
Ion Ratio Lower Upper

95 100

174 75.8 0.0 161.6

176 74.0 0.0 157.8





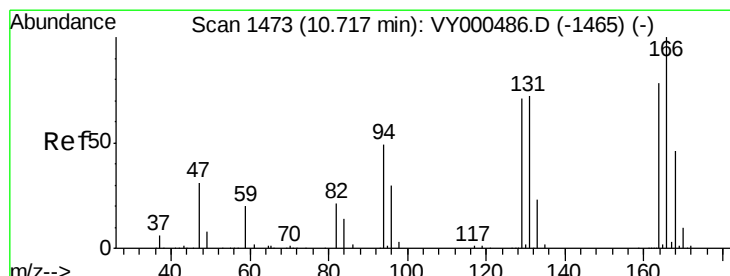
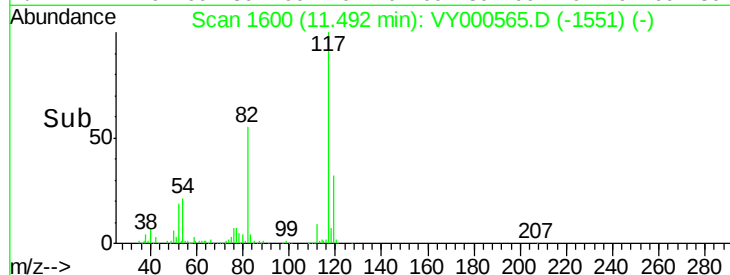
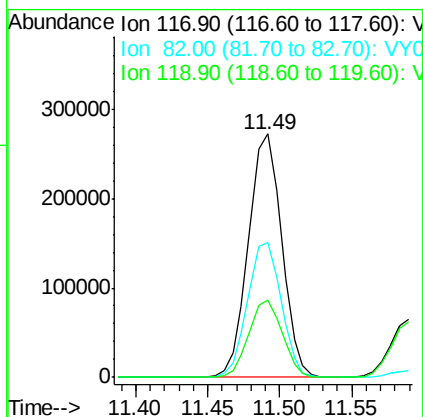
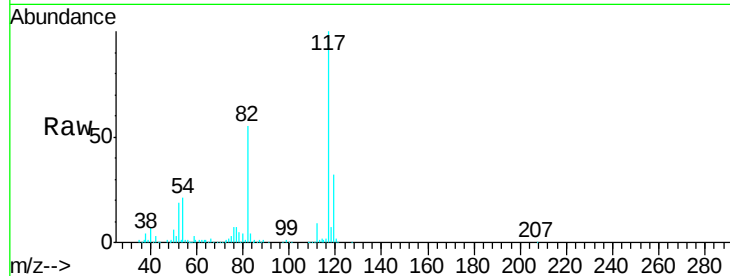
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.3	40.8	61.2
119	32.0	26.2	39.2

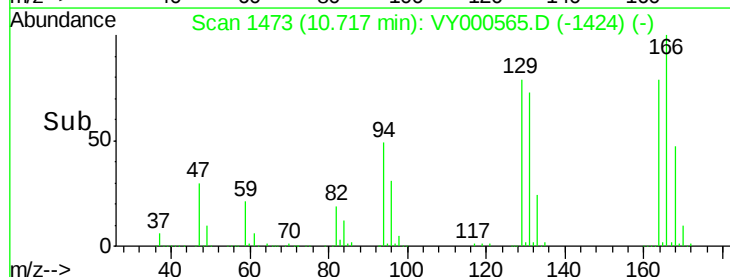
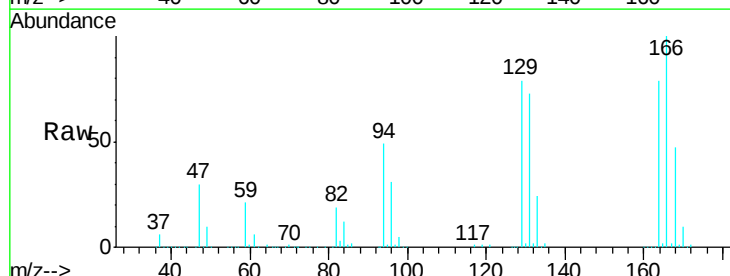
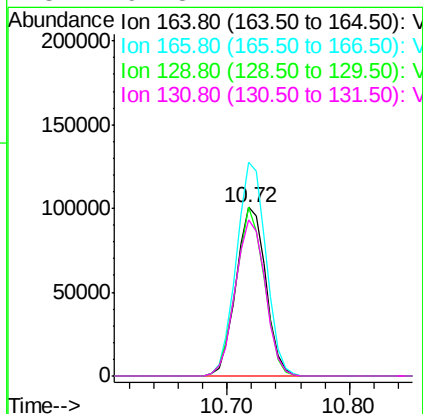
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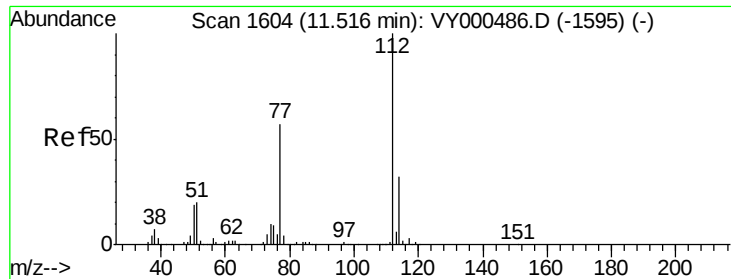
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11/8/2019 10:38:59 AM



#64
Tetrachloroethene
Concen: 46.801 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.7	102.7	154.1
129	100.0	73.2	109.8
131	92.8	74.2	111.2





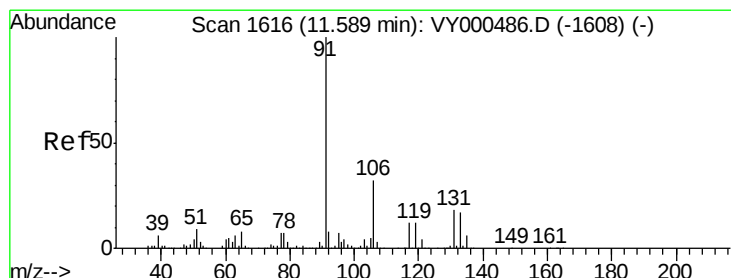
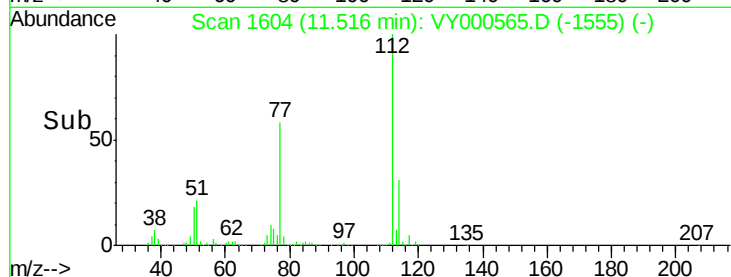
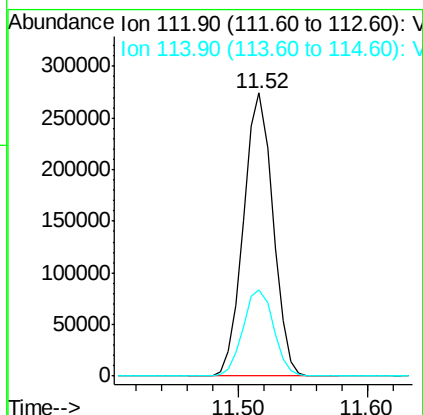
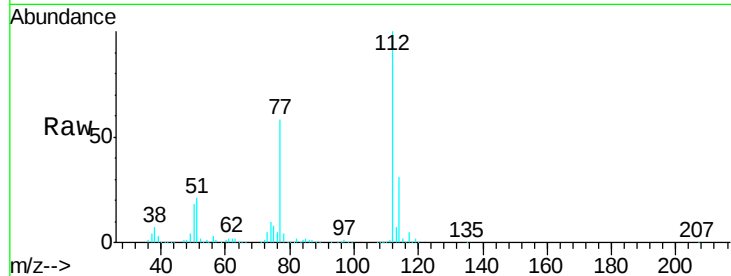
#65
Chlorobenzene
Concen: 49.079 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 433369
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9

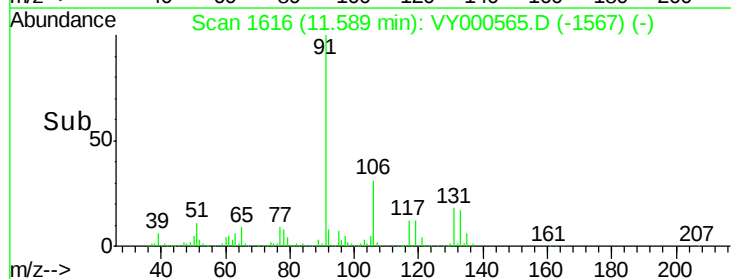
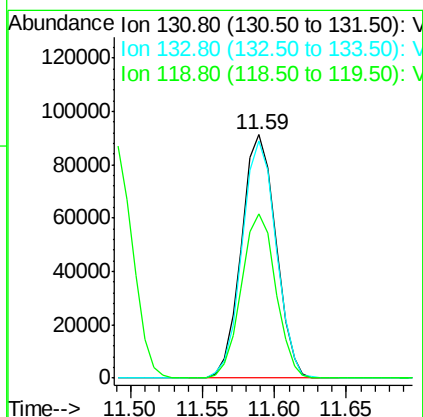
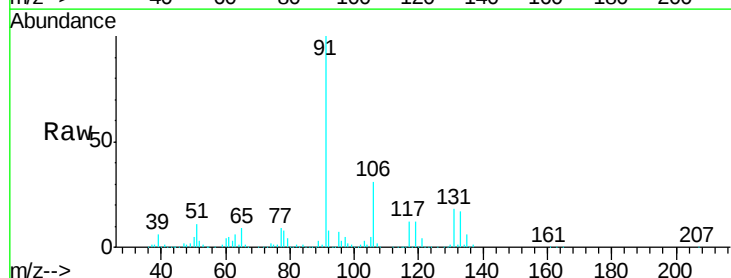
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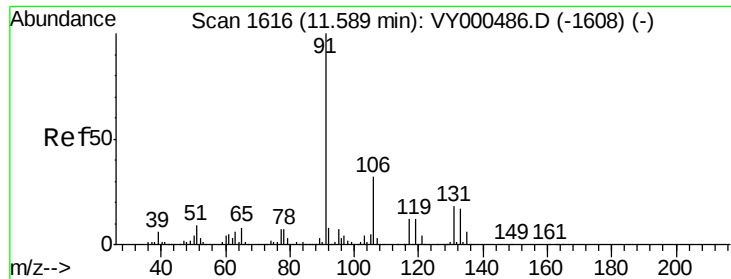
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.368 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion:131 Resp: 151184
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 67.5 33.1 99.3





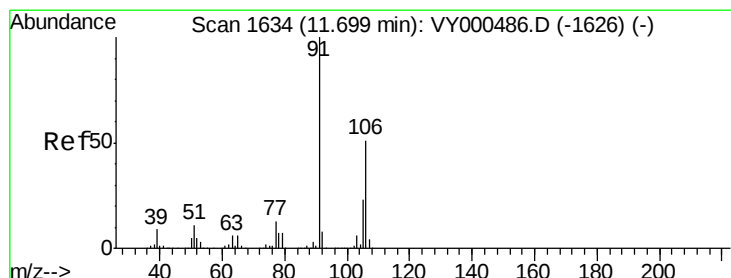
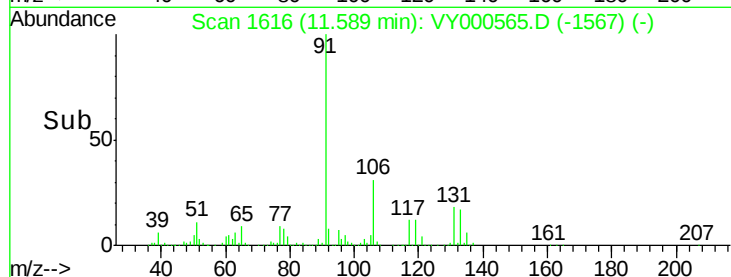
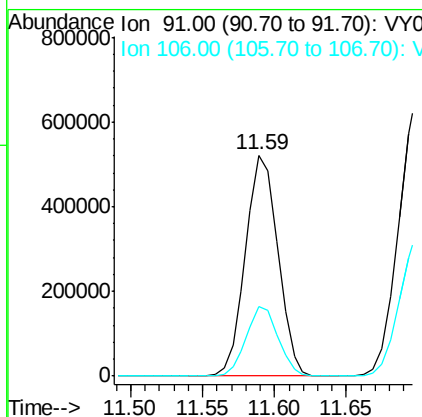
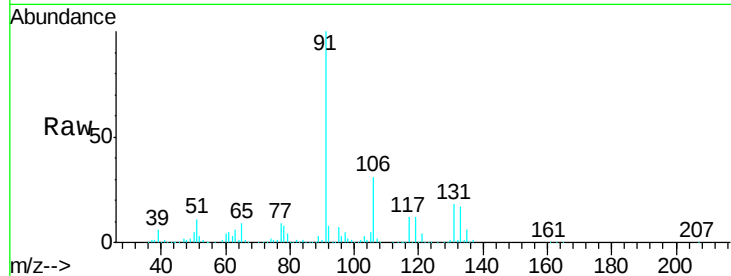
#67
Ethyl Benzene
Concen: 49.982 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 812252
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

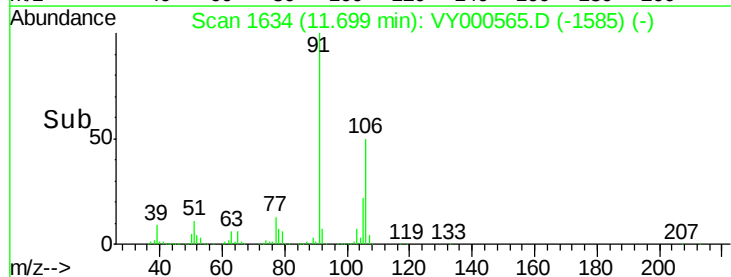
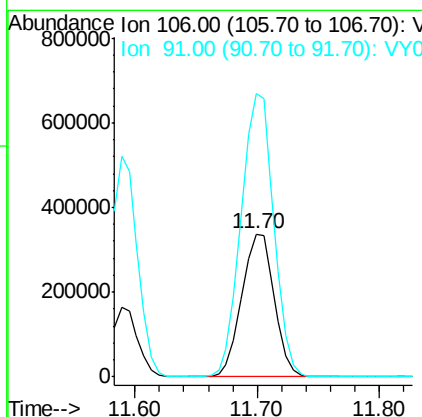
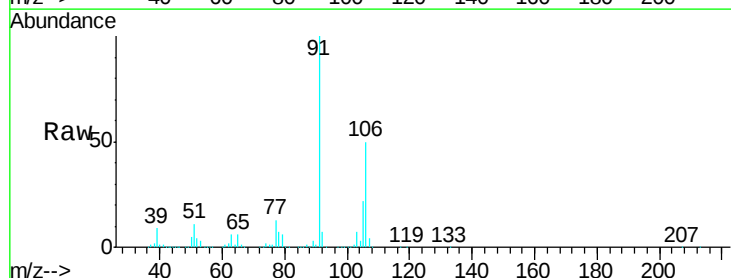
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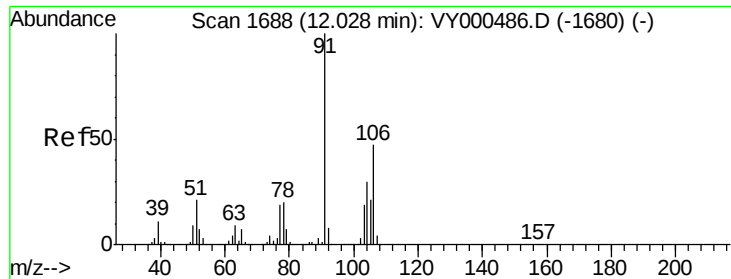
MMDadoda
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#68
m/p-Xylenes
Concen: 98.717 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion: 106 Resp: 620908
Ion Ratio Lower Upper
106 100
91 199.6 155.9 233.9





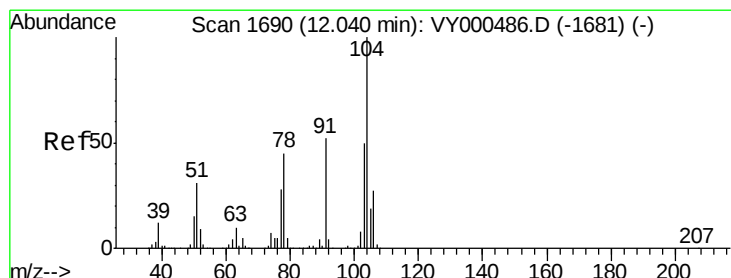
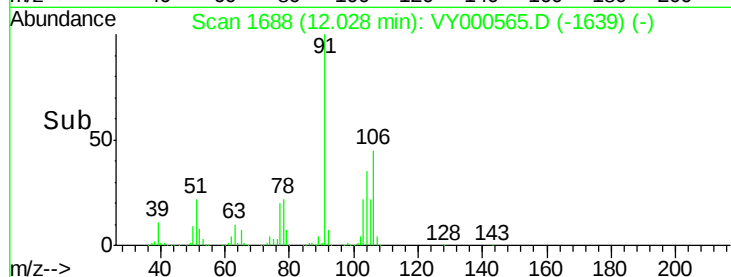
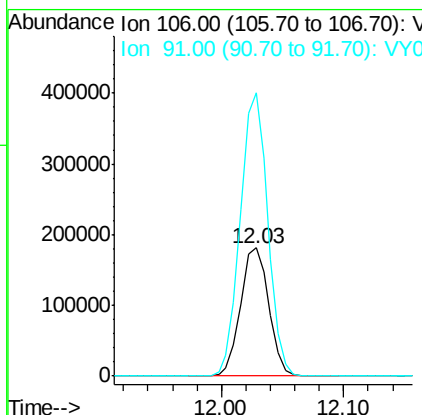
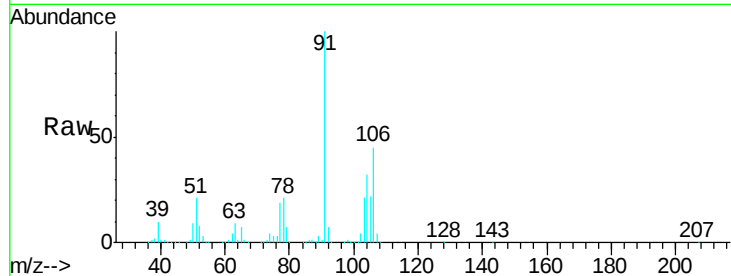
#69
o-Xylene
Concen: 48.903 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 289081
Ion Ratio Lower Upper
106 100
91 215.7 106.5 319.6

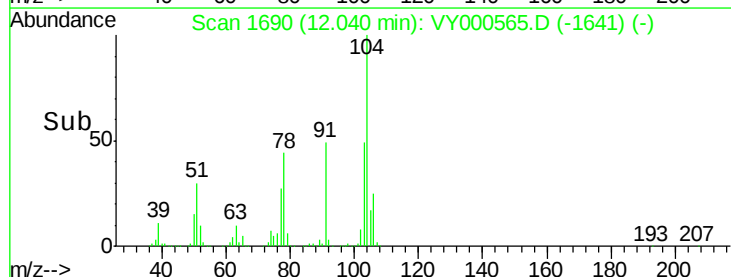
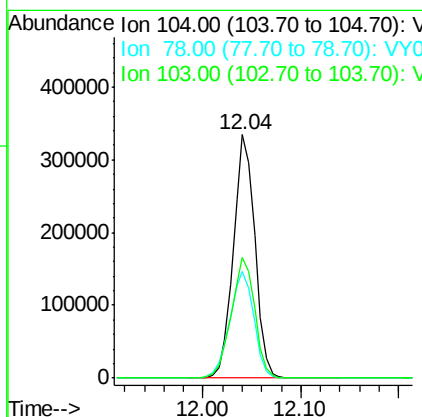
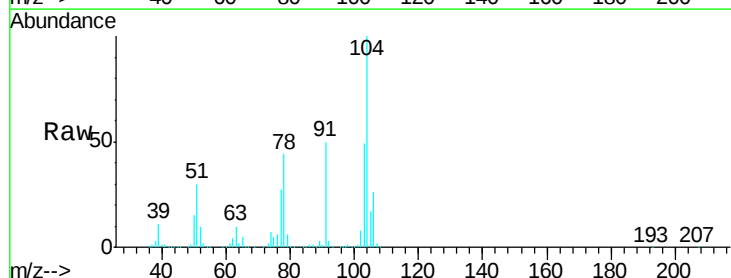
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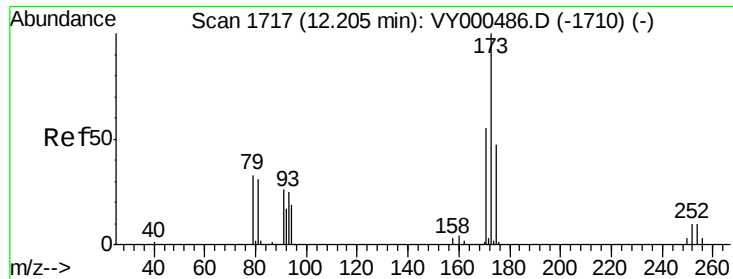
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#70
Styrene
Concen: 50.228 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion:104 Resp: 508428
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.4
103 54.3 42.5 63.7





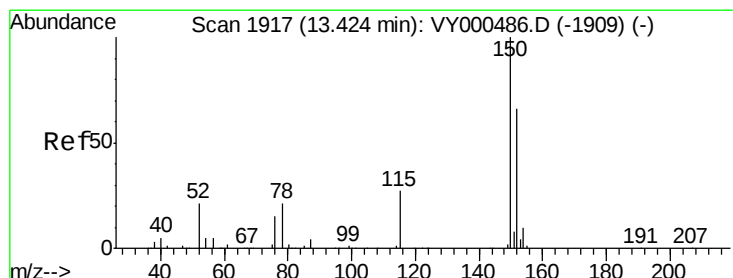
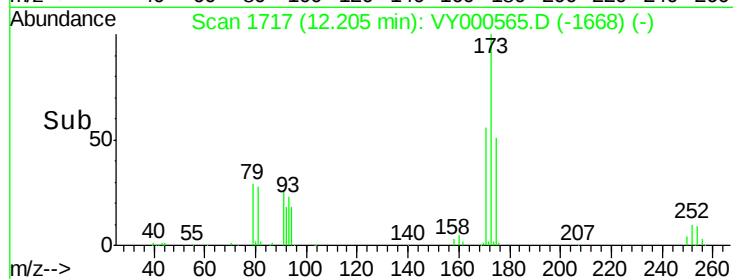
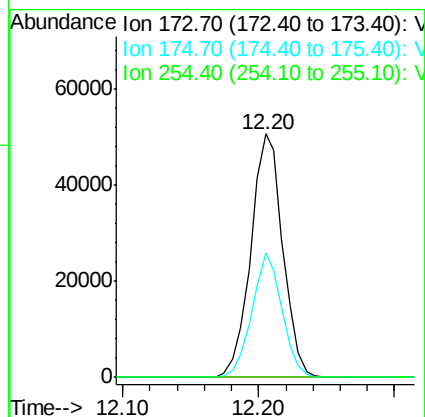
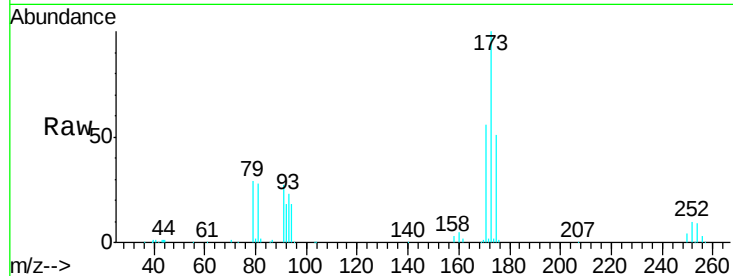
#71
Bromoform
Concen: 47.303 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.2
254	0.0	0.1	0.1#

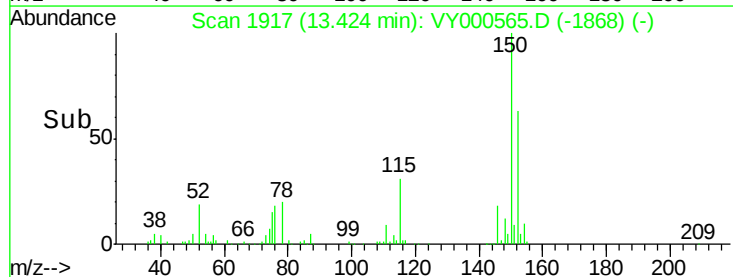
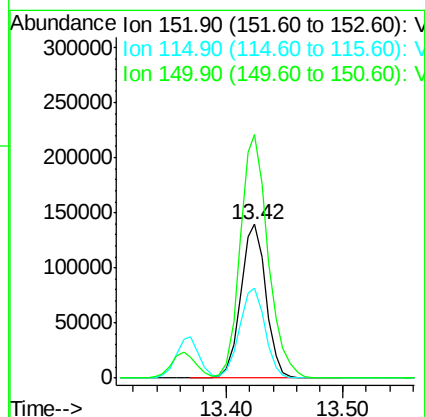
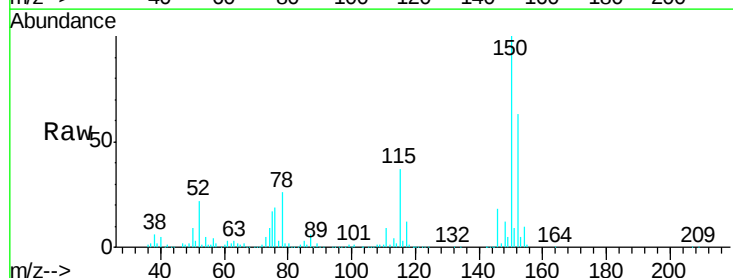
Manual Integrations
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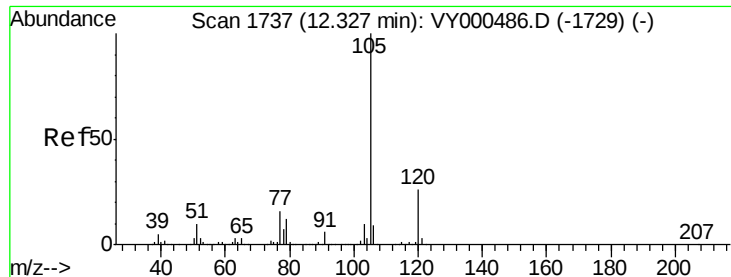
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.1	87.4
150	174.7	0.0	348.8





#73

Isopropylbenzene

Concen: 51.144 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 792804

Ion Ratio Lower Upper

105 100

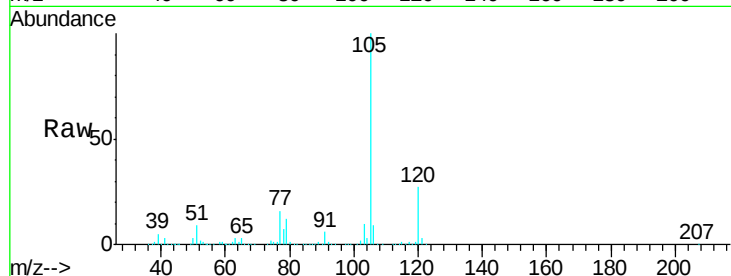
120 26.7 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

500000

400000

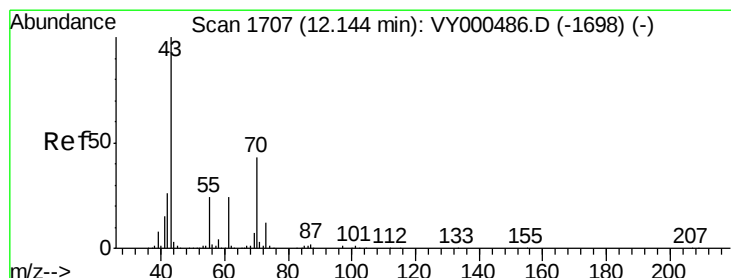
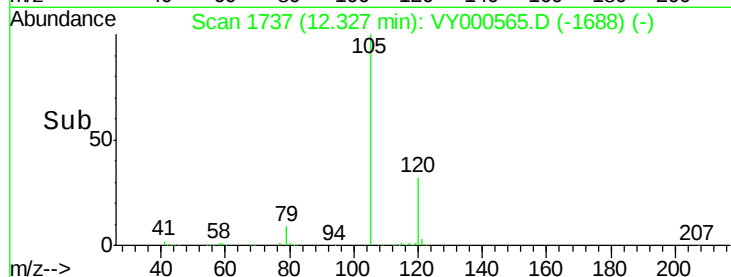
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.157 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion: 43 Resp: 222675

Ion Ratio Lower Upper

43 100

70 42.7 33.1 49.7

55 22.5 18.0 27.0

61 24.5 19.1 28.7

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

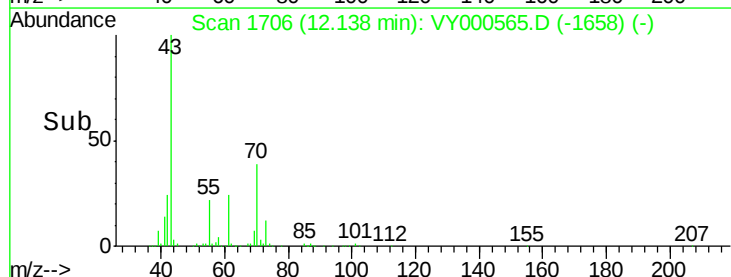
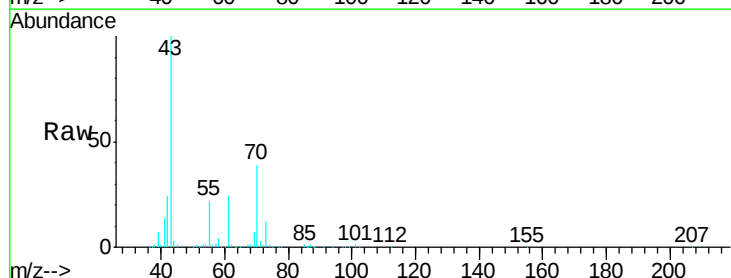
150000

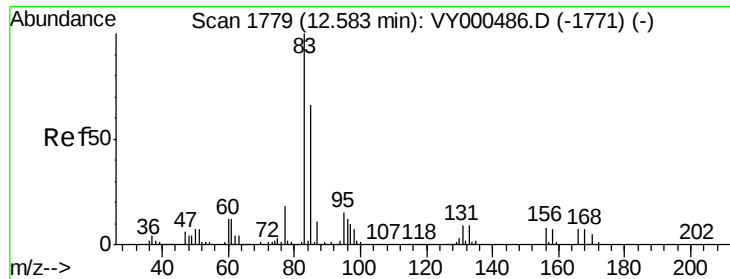
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.784 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

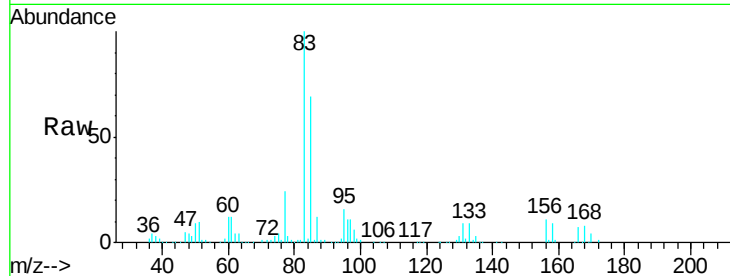
ClientSampleId :

VSTDCCC050EC

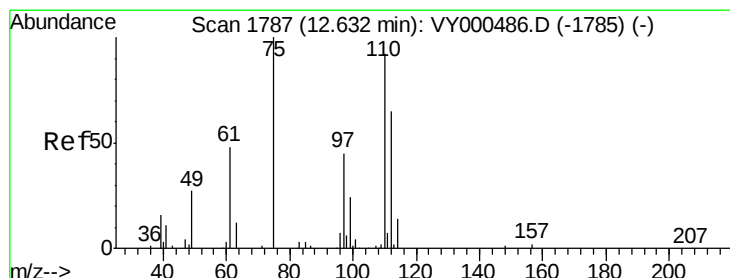
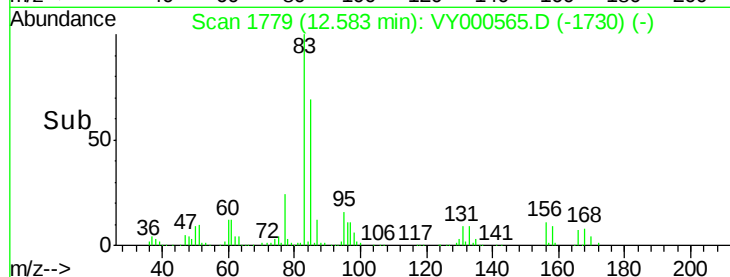
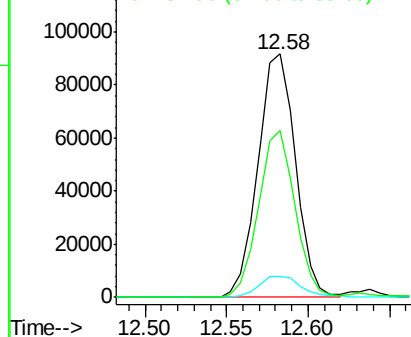
Tgt Ion:	83	Resp:	146664
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	66.2	32.3	96.9

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 44.349 ug/l m

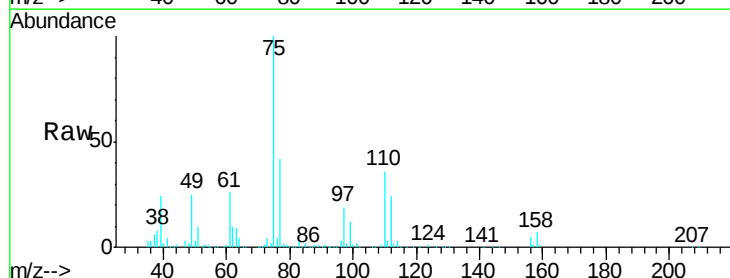
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

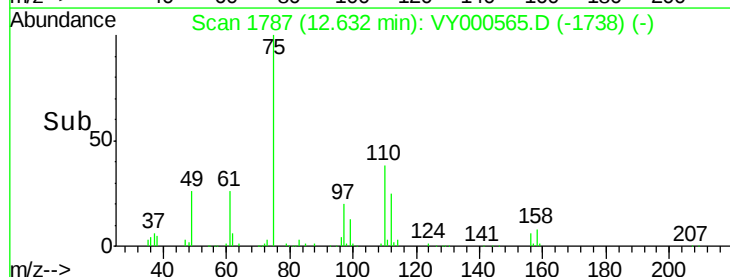
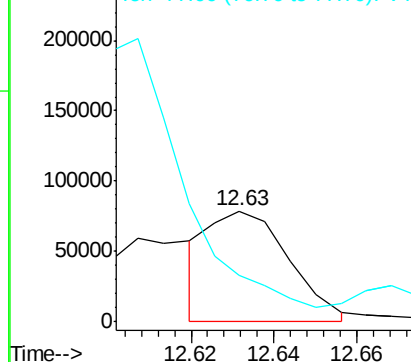
Lab File: VY000565.D

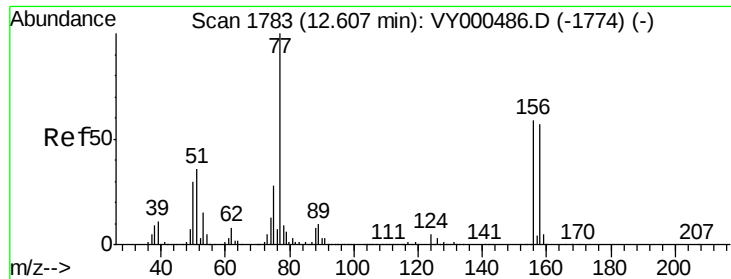
Acq: 06 Nov 2019 20:41

Tgt Ion:	75	Resp:	105913
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





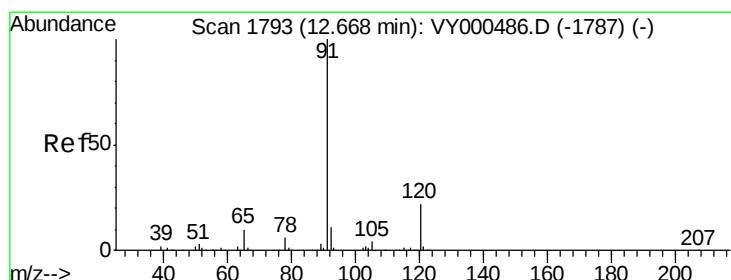
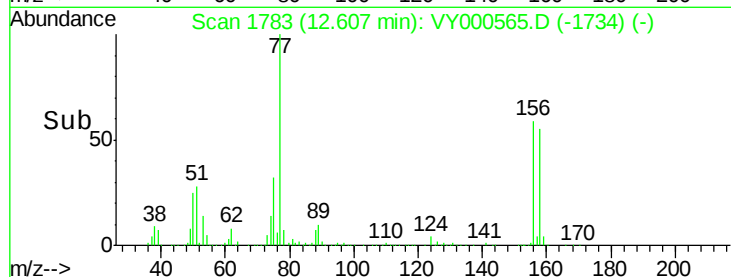
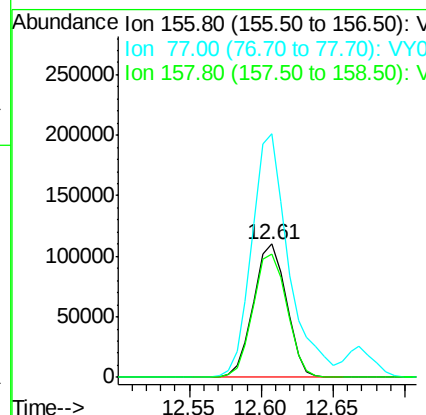
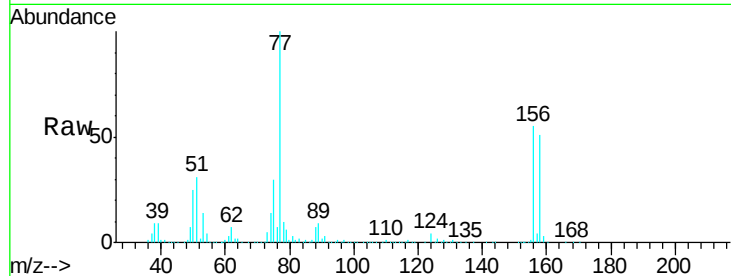
#77
Bromobenzene
Concen: 49.710 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	204.3	98.2	294.4
158	95.1	49.6	149.0

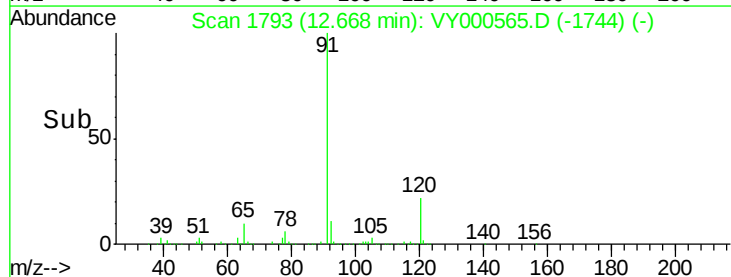
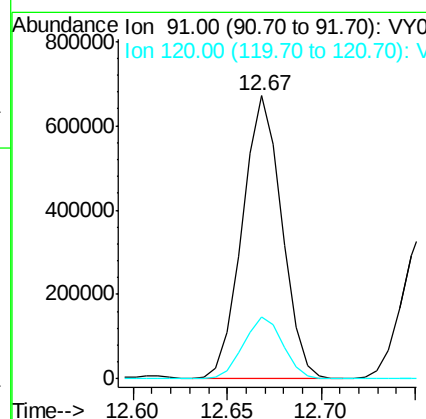
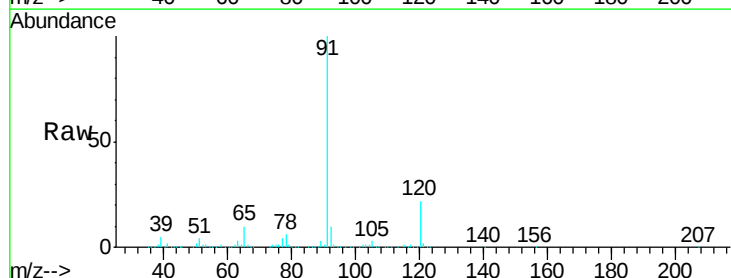
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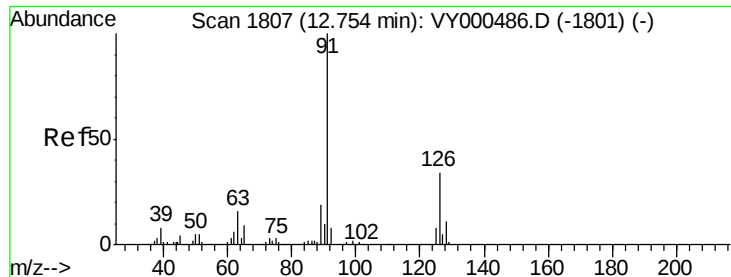
MMDadoda
11/8/2019 10:38:59 AM



#78
n-propylbenzene
Concen: 52.136 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.4	34.1





#79

2-Chlorotoluene

Concen: 51.481 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 534548

Ion Ratio Lower Upper

91 100

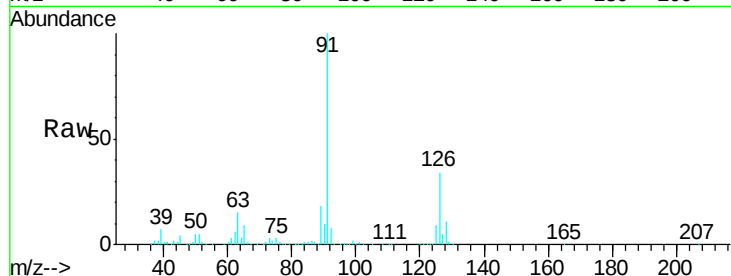
126 34.2 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

600000

500000

400000

300000

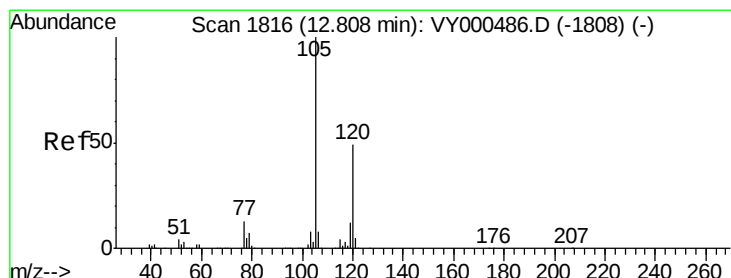
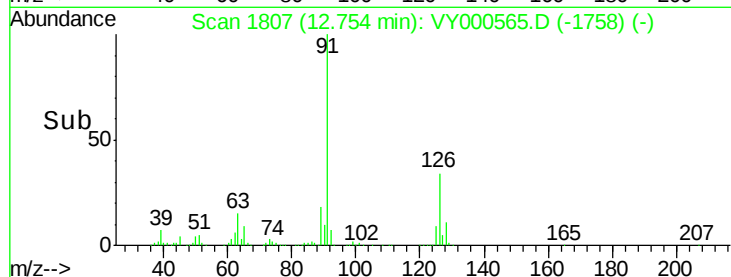
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.930 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000565.D

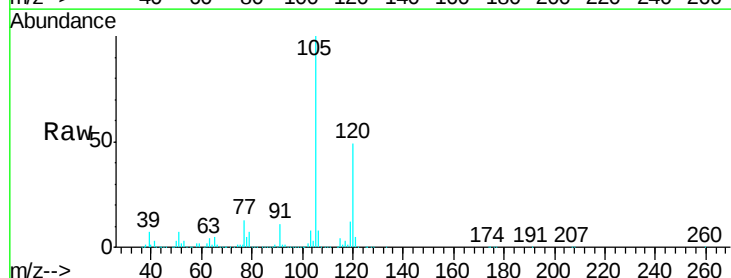
Acq: 06 Nov 2019 20:41

Tgt Ion: 105 Resp: 670433

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

500000

400000

300000

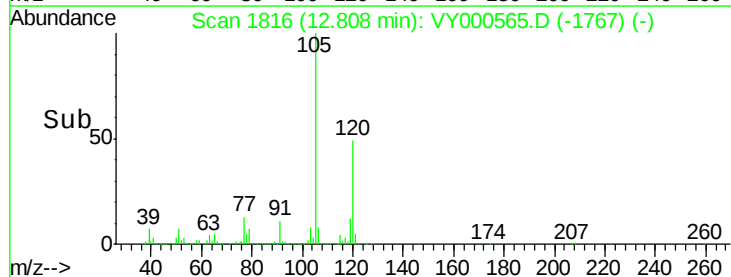
200000

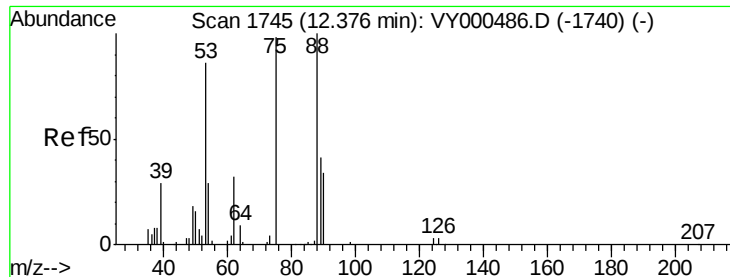
100000

0

12.70 12.80 12.90

Time-->





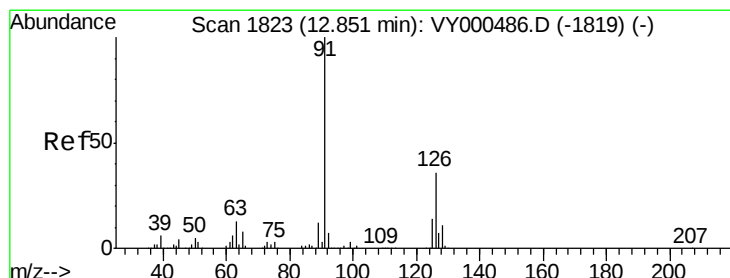
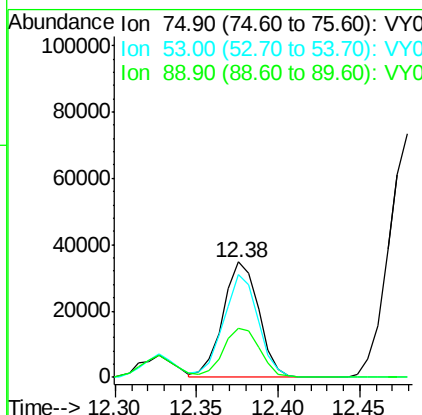
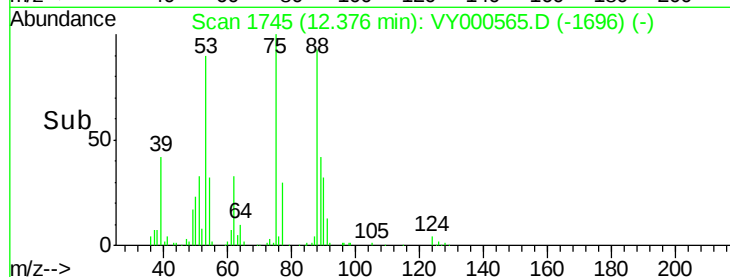
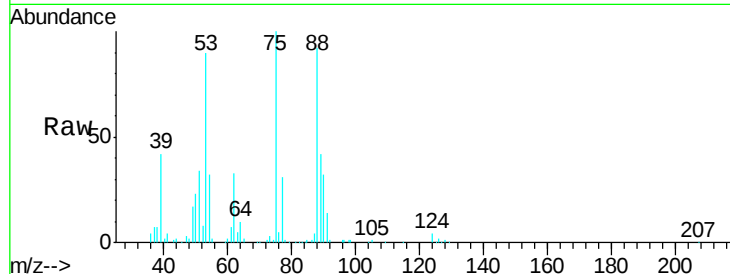
#81
trans-1,4-Dichloro-2-butene
Concen: 50.140 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.2	73.2	109.8
89	42.4	35.9	53.9

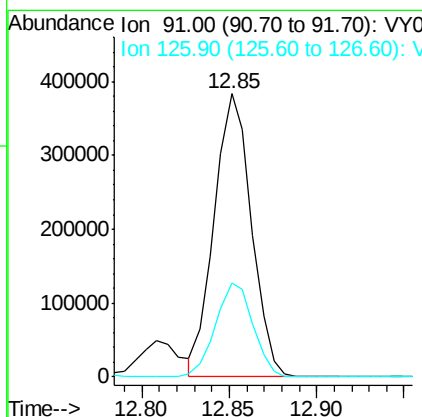
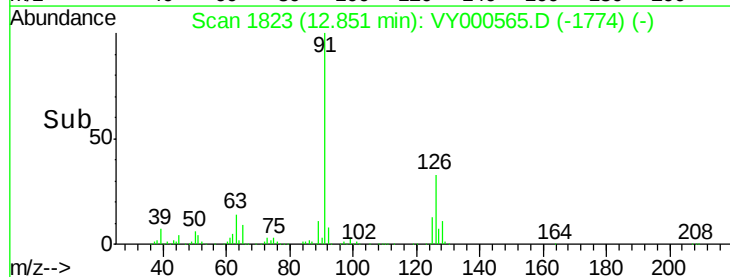
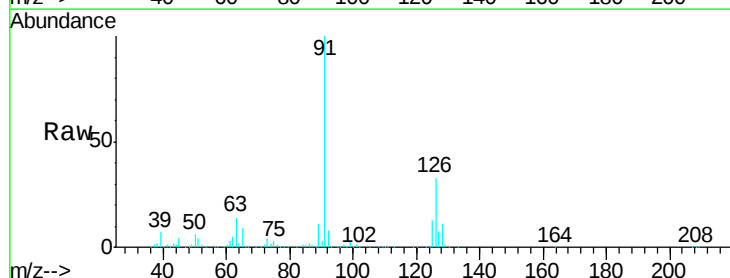
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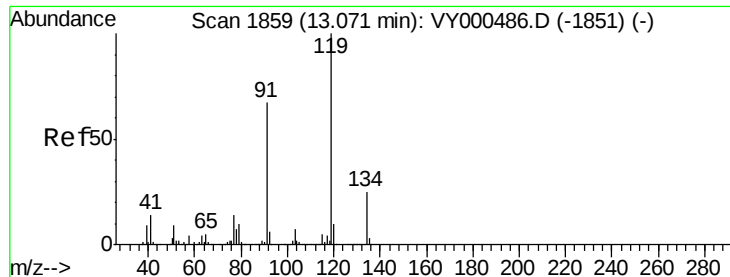
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#82
4-Chlorotoluene
Concen: 52.660 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.6	52.9





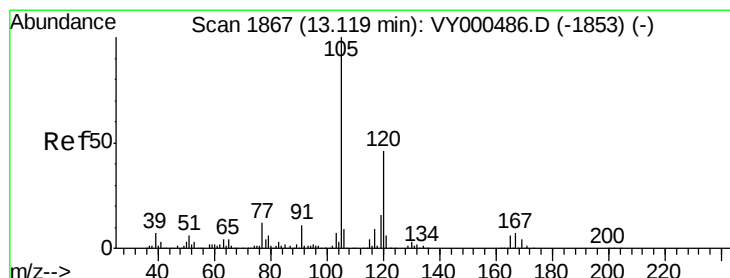
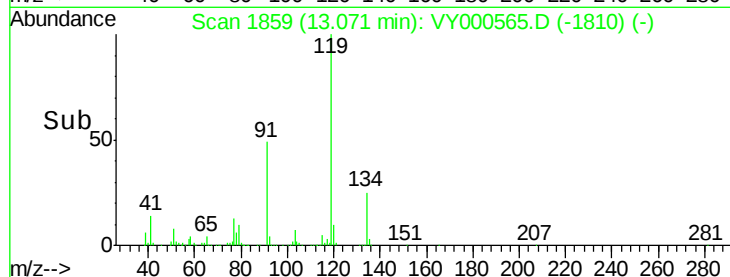
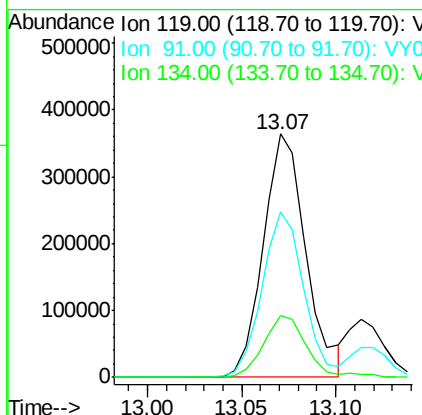
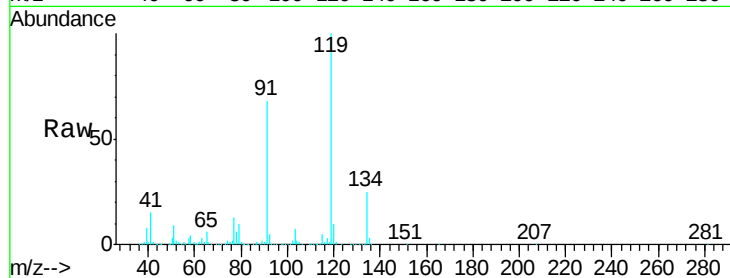
#83
tert-Butylbenzene
Concen: 51.867 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.1	96.3
134	25.8	13.2	39.5

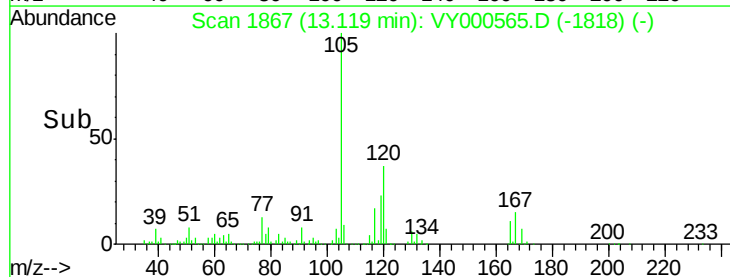
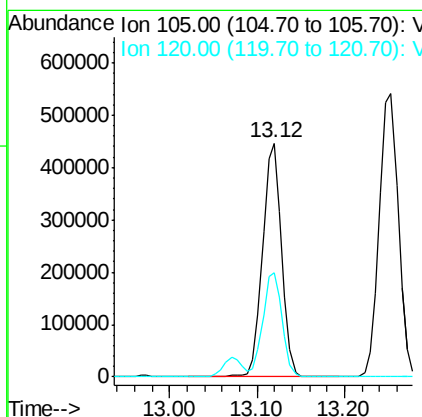
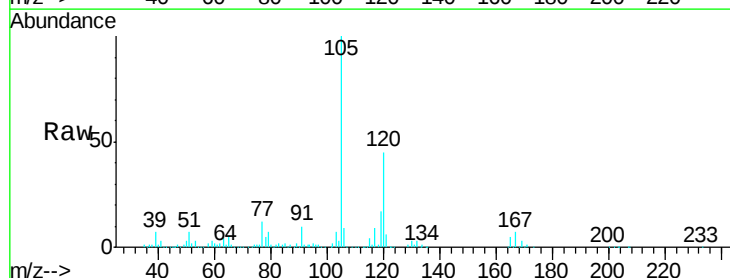
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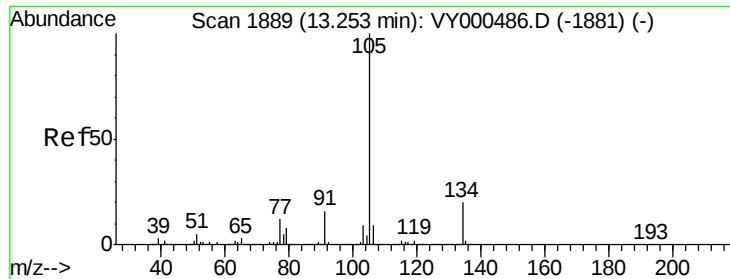
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#84
1,2,4-Trimethylbenzene
Concen: 52.620 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.3	69.9





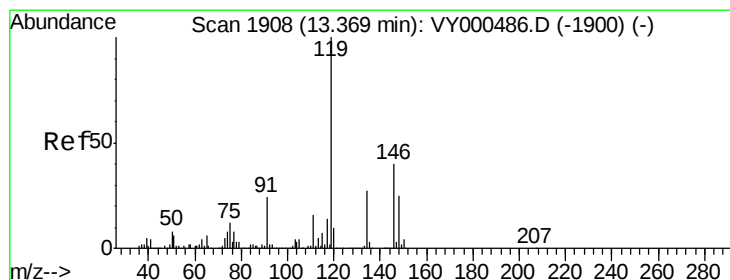
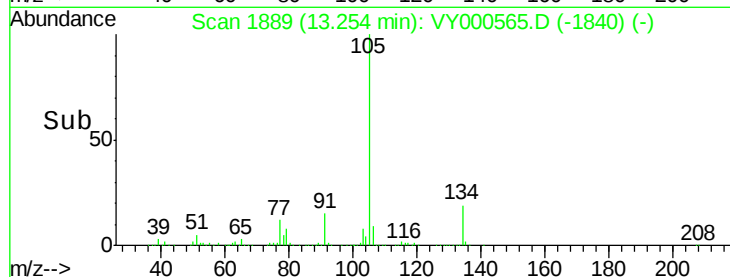
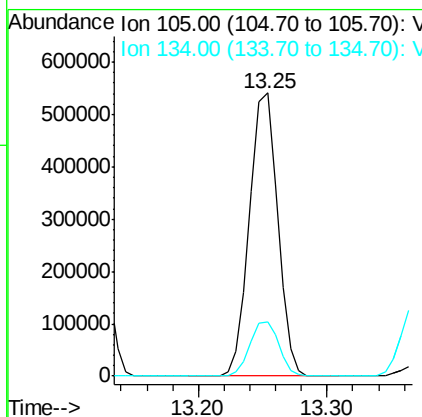
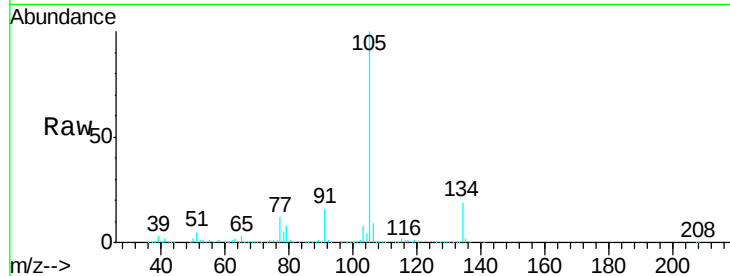
#85
 sec-Butylbenzene
 Concen: 52.166 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 819273
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

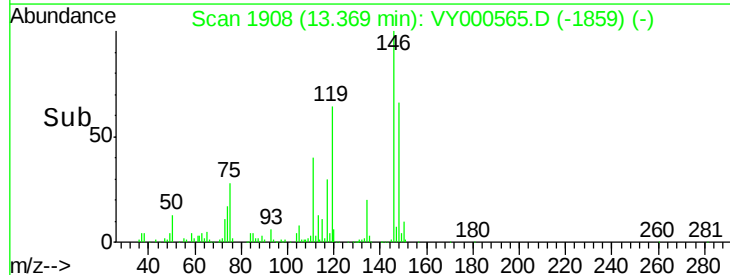
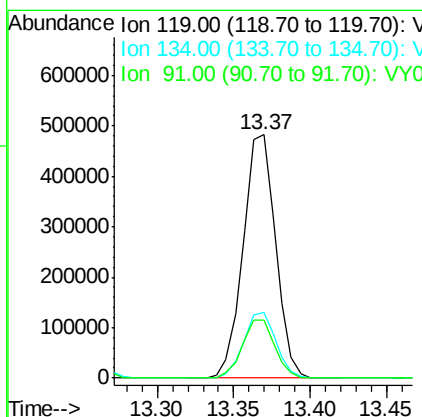
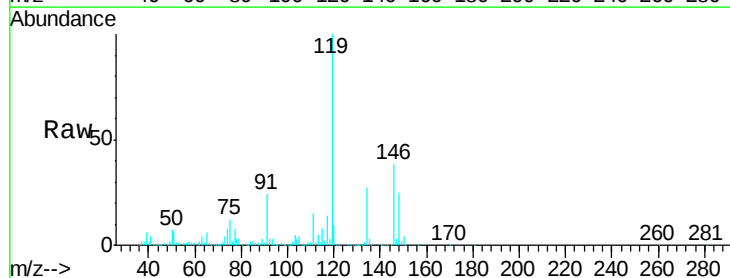
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#86
 p-Isopropyltoluene
 Concen: 50.787 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion:119 Resp: 710870
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.787 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Instrument :

MSVOA_Y

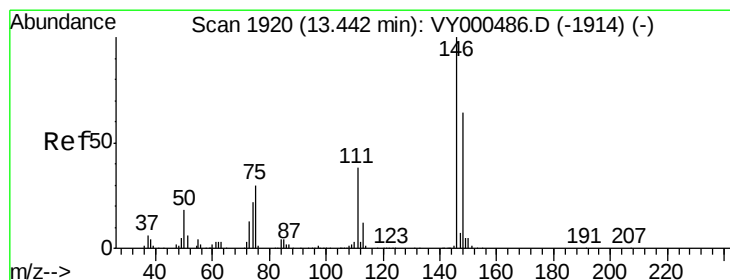
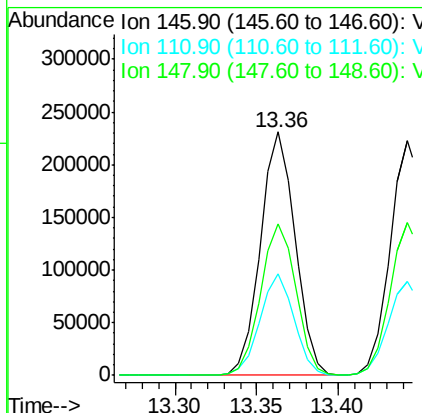
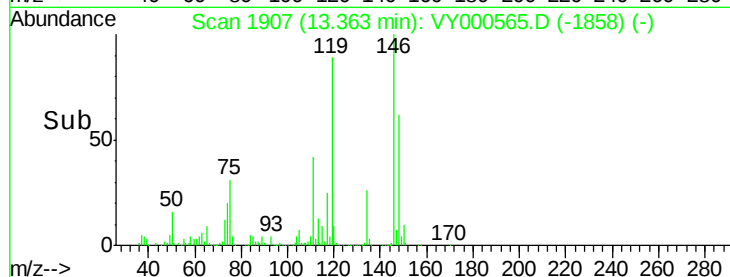
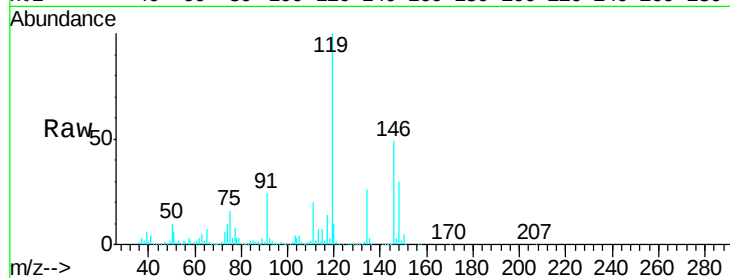
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	342799
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.3	60.8
148	63.1	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 49.144 ug/l

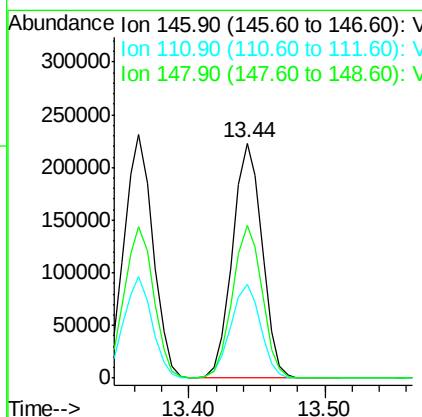
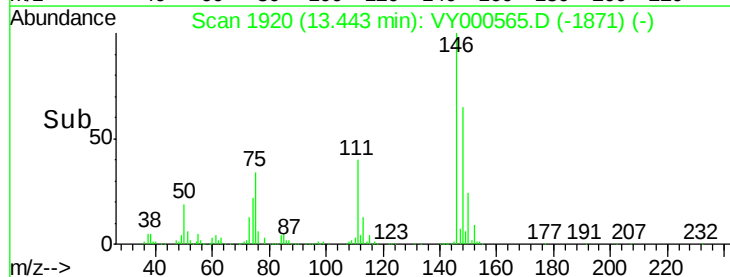
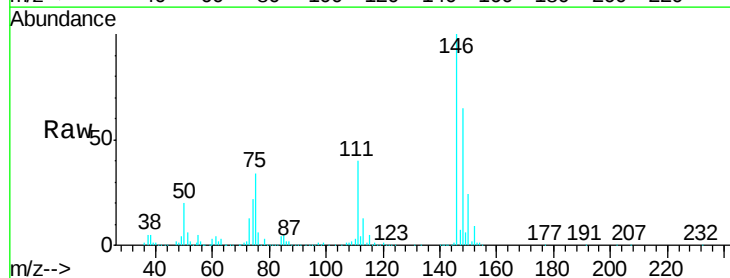
RT: 13.44 min Scan# 1920

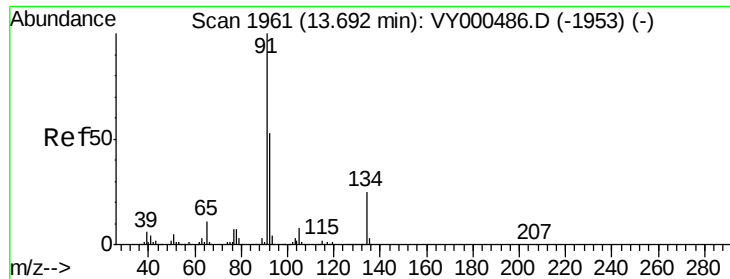
Delta R.T. 0.00 min

Lab File: VY000565.D

Acq: 06 Nov 2019 20:41

Tgt Ion:	146	Resp:	338125
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.7	59.0
148	65.0	31.9	95.7





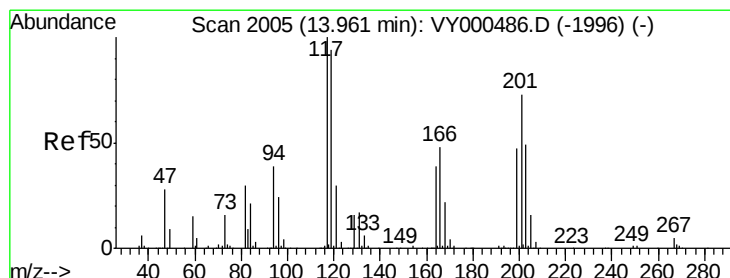
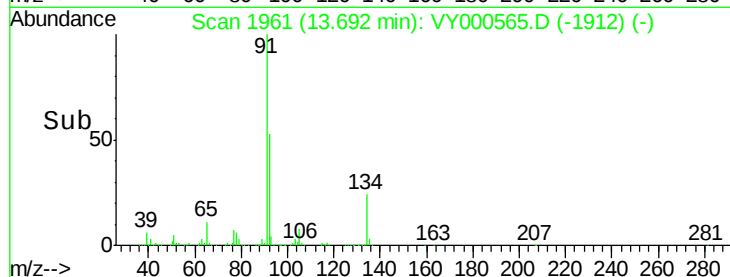
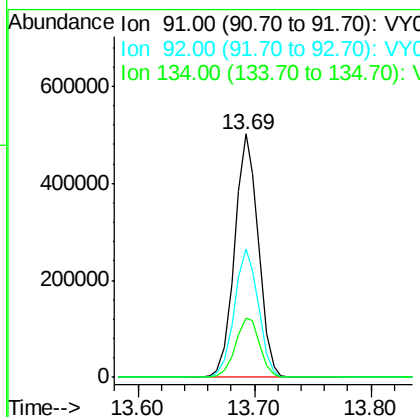
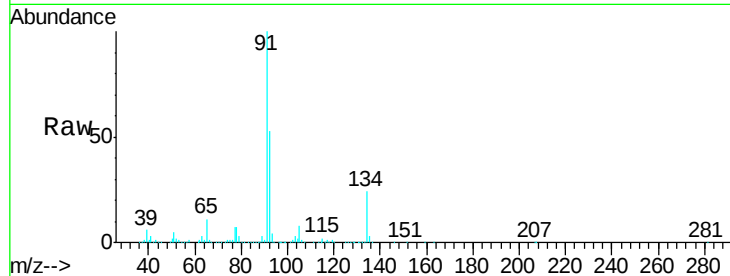
#89
n-Butylbenzene
Concen: 51.278 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.3
134	25.0	12.9	38.7

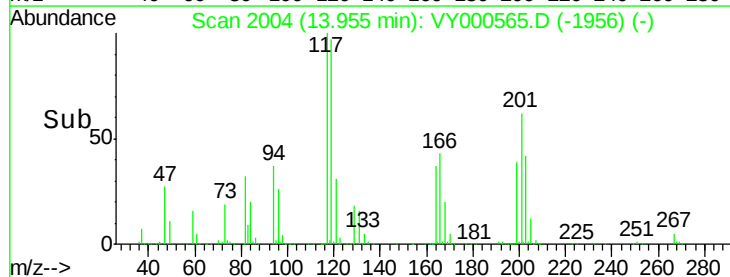
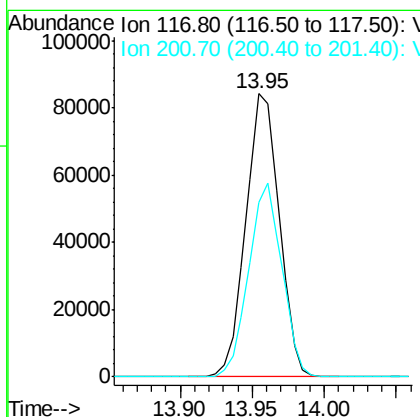
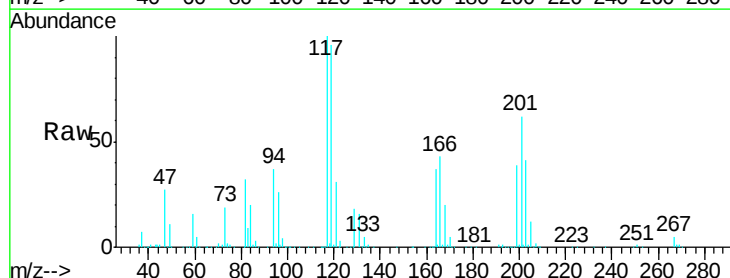
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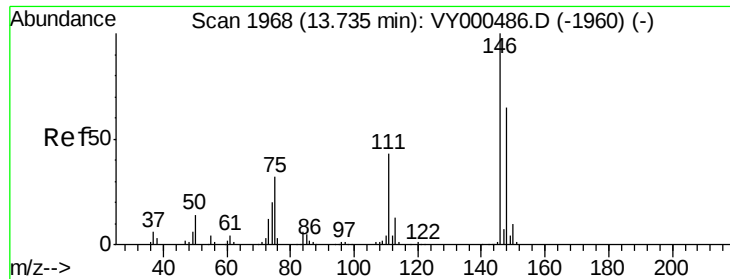
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11/8/2019 10:38:59 AM



#90
Hexachloroethane
Concen: 52.233 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.8	35.8	107.3





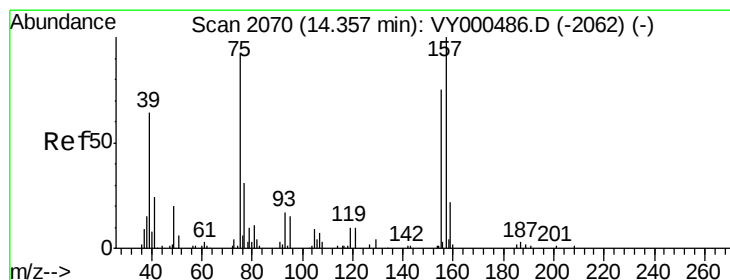
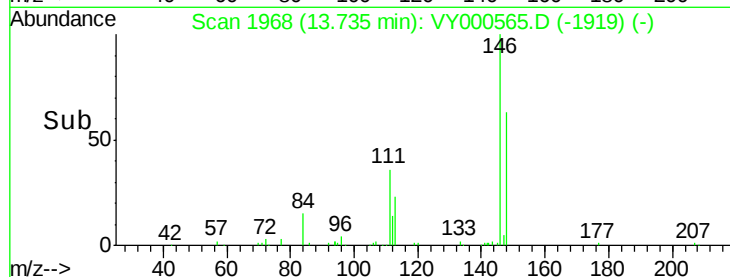
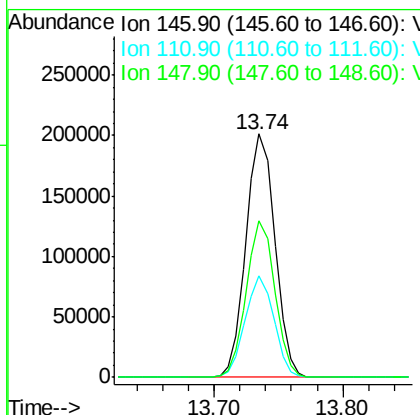
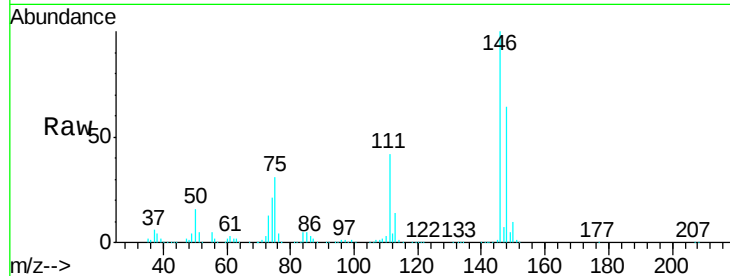
#91
 1,2-Dichlorobenzene
 Concen: 49.971 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.5
148	63.6	31.7	95.1

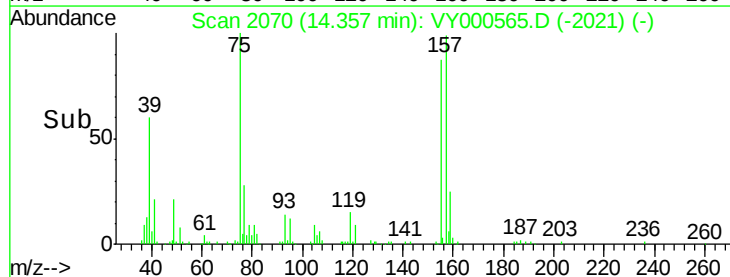
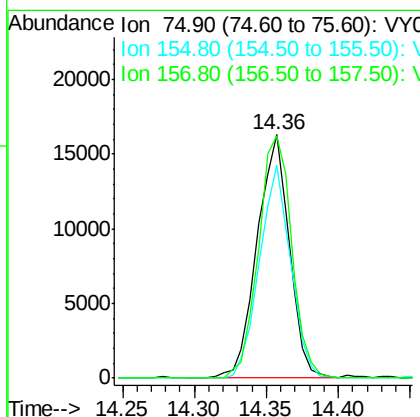
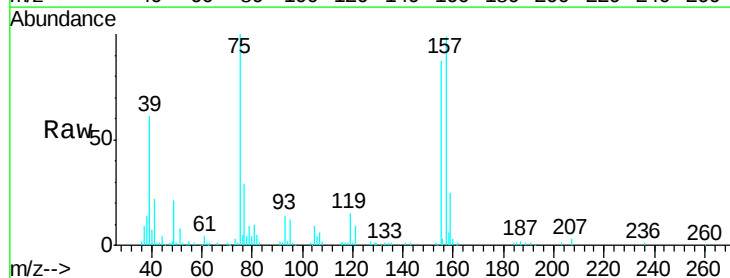
Manual Integrations
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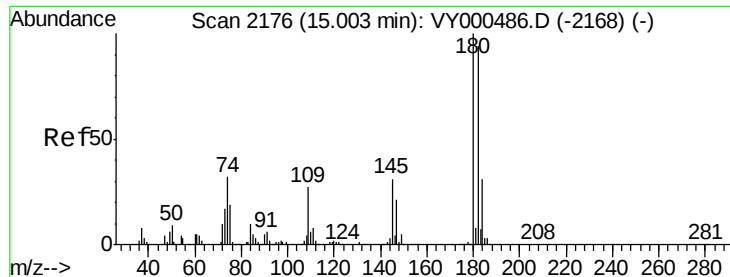
MMDadoda
 11/8/2019 10:38:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.197 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000565.D
 Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.4	127.1
157	102.5	55.1	165.3





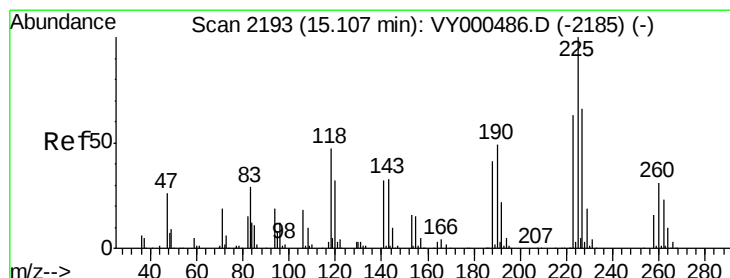
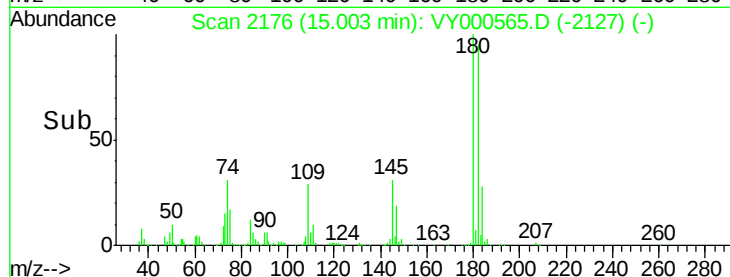
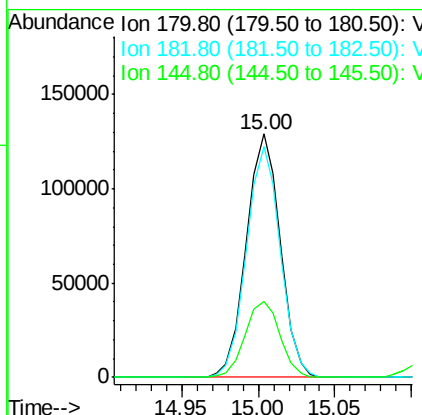
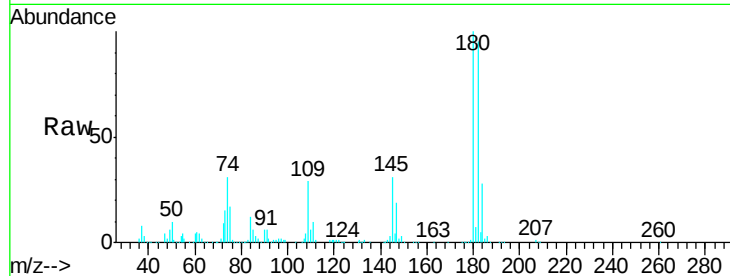
#93
1,2,4-Trichlorobenzene
Concen: 46.801 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199073		
182	94.8	47.8	143.4	
145	32.1	16.0	47.9	

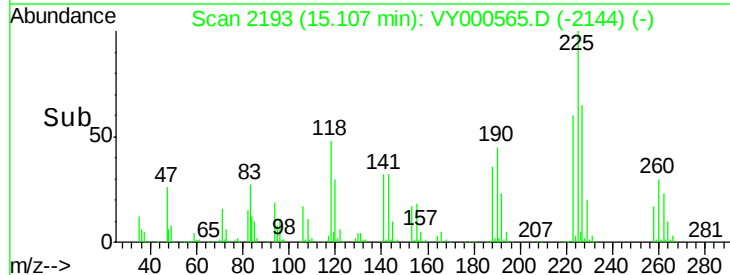
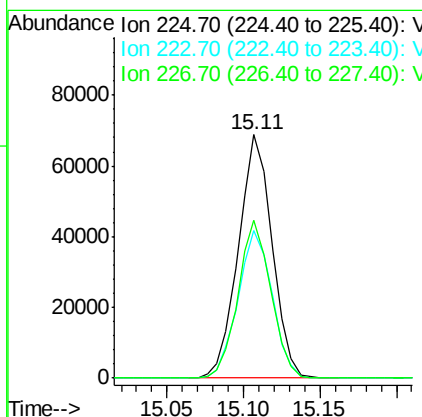
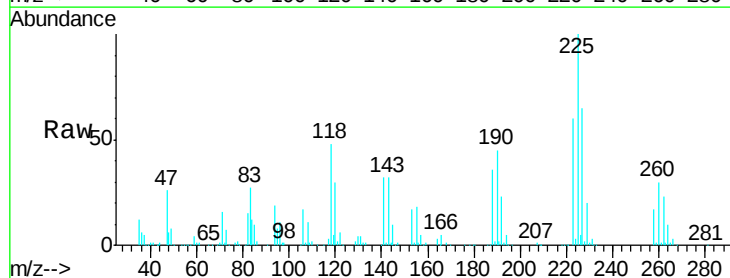
Manual Integrations
APPROVED

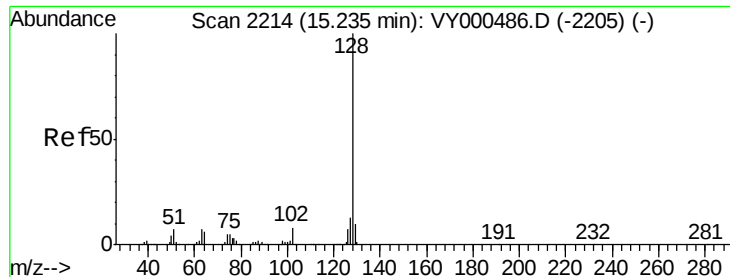
MMDadoda
11/8/2019 10:38:59 AM



#94
Hexachlorobutadiene
Concen: 48.003 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105254		
223	61.5	31.3	93.8	
227	63.1	32.4	97.0	





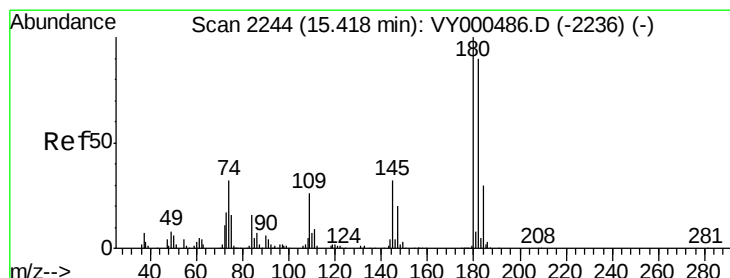
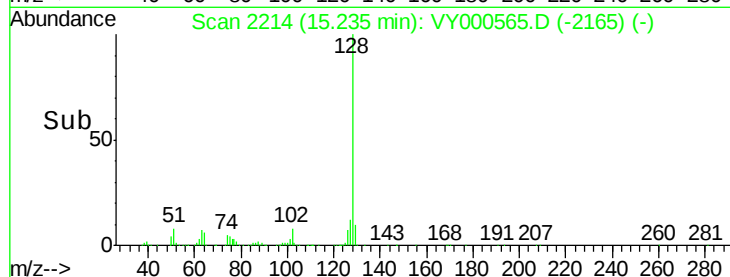
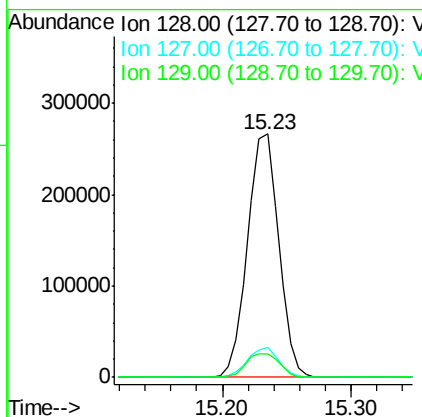
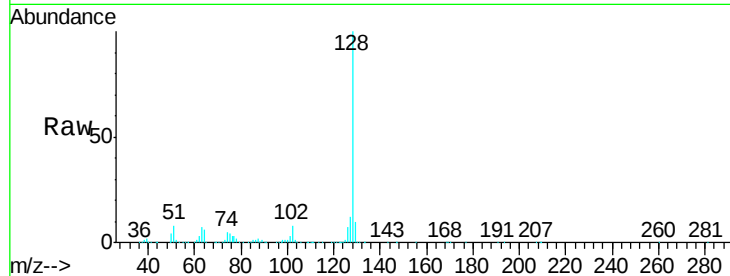
#95
Naphthalene
Concen: 47.079 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.4	9.8	14.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:38:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.193 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000565.D
Acq: 06 Nov 2019 20:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.4	47.4	142.3
145	32.6	15.7	47.0

