

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000989.D
 Acq On : 17 Dec 2019 19:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 1:02:06 PM

Quant Time: Dec 18 06:58:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	251947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	458904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	142464	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
35) Dibromofluoromethane	7.73	113	139840	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.18	98	553738	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	193756	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	99936	36.848	ug/l	95
3) Chloromethane	2.12	50	137741	41.201	ug/l	99
4) Vinyl Chloride	2.26	62	138854	42.143	ug/l	100
5) Bromomethane	2.65	94	93851	46.992	ug/l	94
6) Chloroethane	2.79	64	93899	46.482	ug/l	99
7) Trichlorofluoromethane	3.13	101	203317	45.027	ug/l	92
8) Diethyl Ether	3.54	74	86561	50.933	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	132301	47.446	ug/l	98
10) Methyl Iodide	4.10	142	166217	47.344	ug/l	99
11) Tert butyl alcohol	4.97	59	66791	247.979	ug/l	100
12) 1,1-Dichloroethene	3.88	96	130541	47.255	ug/l	95
13) Acrolein	3.74	56	71669	270.123	ug/l	98
14) Allyl chloride	4.49	41	233678	49.334	ug/l	98
15) Acrylonitrile	5.18	53	234414	267.114	ug/l	98
16) Acetone	3.96	43	148870	242.406	ug/l	96
17) Carbon Disulfide	4.20	76	381799	42.733	ug/l	99
18) Methyl Acetate	4.49	43	139750	54.422	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	388525	52.663	ug/l	99
20) Methylene Chloride	4.72	84	159981	49.419	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	152490	48.566	ug/l	97
22) Diisopropyl ether	6.13	45	505313	51.905	ug/l	98
23) Vinyl Acetate	6.07	43	1530636	258.621	ug/l	99
24) 1,1-Dichloroethane	6.03	63	268213	49.986	ug/l	98
25) 2-Butanone	7.00	43	284055	250.385	ug/l	98
26) 2,2-Dichloropropane	6.99	77	214802	47.564	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	178065	52.464	ug/l	97
28) Bromochloromethane	7.35	49	116461	58.826	ug/l	96
29) Tetrahydrofuran	7.36	42	204206	271.637	ug/l	98
30) Chloroform	7.52	83	267032	49.609	ug/l	98
31) Cyclohexane	7.79	56	249134	43.829	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	215173	48.410	ug/l	100
36) 1,1-Dichloropropene	7.93	75	208590	45.714	ug/l	100
37) Ethyl Acetate	7.08	43	129862	49.290	ug/l	99
38) Carbon Tetrachloride	7.91	117	183421	45.138	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	261123	43.195	ug/l	99
40) Benzene	8.17	78	642478	48.340	ug/l	99
41) Methacrylonitrile	7.32	41	57619m	41.494	ug/l	
42) 1,2-Dichloroethane	8.24	62	170197	48.692	ug/l	100
43) Isopropyl Acetate	8.28	43	239229	48.183	ug/l	98
44) Trichloroethene	8.94	130	167378	49.002	ug/l	91
45) 1,2-Dichloropropane	9.22	63	170381	51.036	ug/l	97
46) Dibromomethane	9.31	93	88821	50.920	ug/l	98
47) Bromodichloromethane	9.50	83	204113	49.812	ug/l	96
48) Methyl methacrylate	9.30	41	106944	48.983	ug/l	94
49) 1,4-Dioxane	9.30	88	25620	1036.595	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	654775	255.244	ug/l	100
52) Toluene	10.24	92	402426	48.902	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	226518	51.453	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	262914	50.525	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	133209	51.689	ug/l	97
56) Ethyl methacrylate	10.51	69	194205	52.678	ug/l	98
57) 1,3-Dichloropropane	10.79	76	228307	50.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	370035	248.931	ug/l	100
59) 2-Hexanone	10.83	43	452831	242.250	ug/l	98
60) Dibromochloromethane	10.99	129	143861	51.855	ug/l	99
61) 1,2-Dibromoethane	11.09	107	124925	51.436	ug/l	97
64) Tetrachloroethene	10.72	164	171917	47.054	ug/l	97
65) Chlorobenzene	11.52	112	422588	48.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	145006	49.224	ug/l	98
67) Ethyl Benzene	11.59	91	764701	46.973	ug/l	97
68) m/p-Xylenes	11.70	106	582361	95.306	ug/l	97
69) o-Xylene	12.03	106	279139	48.994	ug/l	96
70) Styrene	12.04	104	481572	49.364	ug/l	98
71) Bromoform	12.20	173	83737	50.400	ug/l #	99
73) Isopropylbenzene	12.33	105	730000	47.212	ug/l	99
74) N-amyl acetate	12.14	43	210986	49.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	152301	49.990	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	131039m	59.557	ug/l	
77) Bromobenzene	12.61	156	164001	48.931	ug/l	98
78) n-propylbenzene	12.67	91	882816	46.760	ug/l	99
79) 2-Chlorotoluene	12.75	91	491635	47.136	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	601358	46.972	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56955	50.848	ug/l	99
82) 4-Chlorotoluene	12.85	91	510583	47.515	ug/l	100
83) tert-Butylbenzene	13.07	119	503830	46.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	597165	46.622	ug/l	97
85) sec-Butylbenzene	13.25	105	733229	46.840	ug/l	99
86) p-Isopropyltoluene	13.36	119	637445	46.817	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	312294	47.497	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	315868	48.519	ug/l	99
89) n-Butylbenzene	13.69	91	636889	46.265	ug/l	100
90) Hexachloroethane	13.96	117	119852	47.785	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	293035	49.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24757	48.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	190529	47.609	ug/l	99
94) Hexachlorobutadiene	15.11	225	89196	44.954	ug/l	96
95) Naphthalene	15.23	128	460905	49.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	174425	48.795	ug/l	99

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

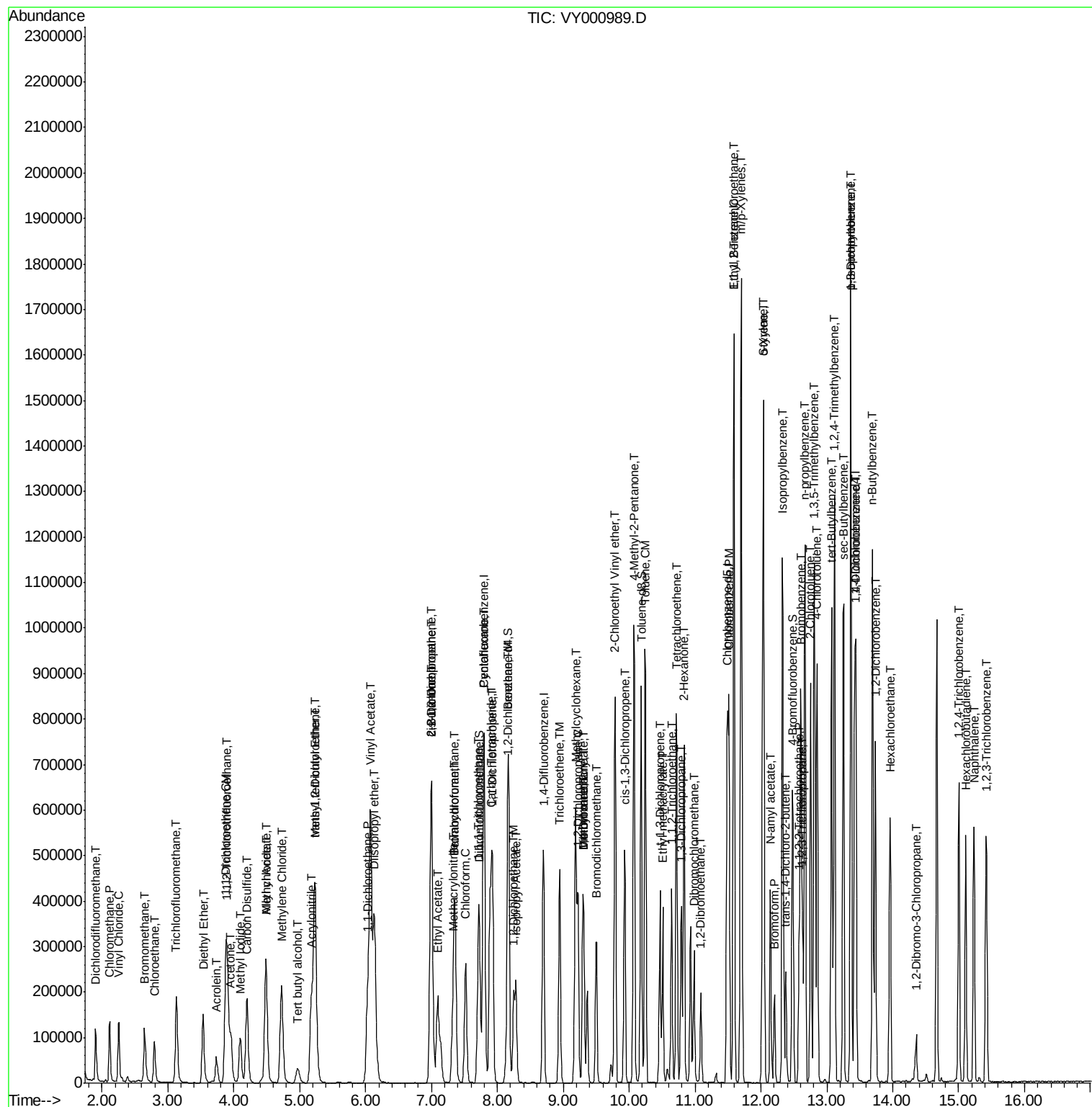
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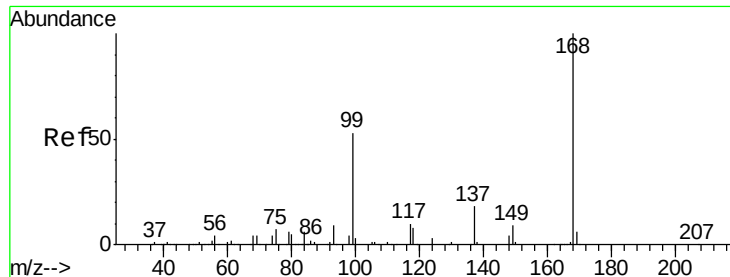
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 168 Resp: 251947

Ion Ratio Lower Upper

168 100

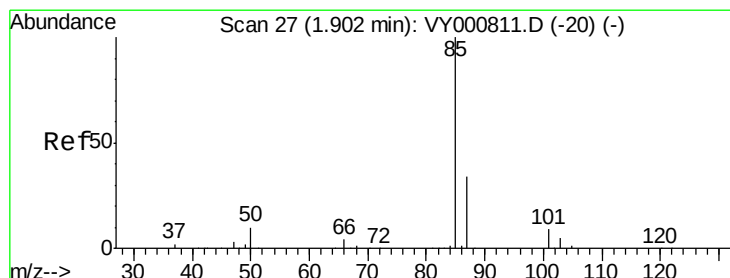
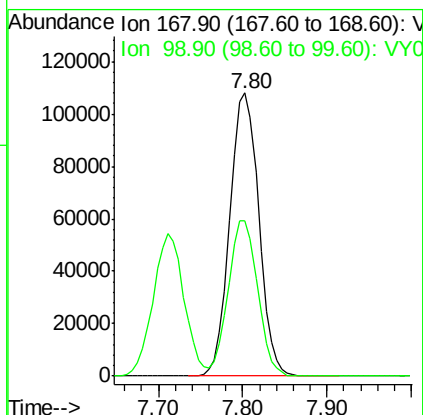
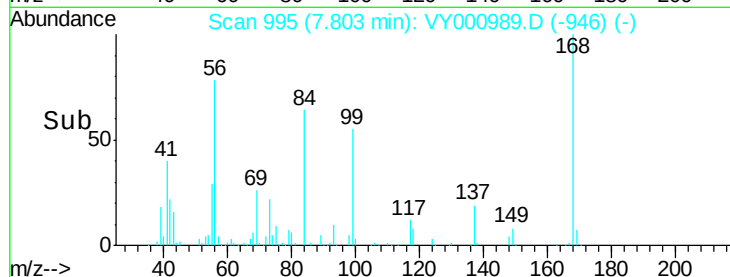
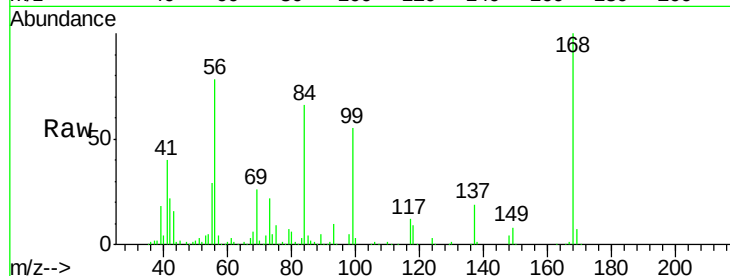
99 54.9 45.0 67.6

Manual Integrations

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12/18/2019 1:02:06 PM



#2

Dichlorodifluoromethane

Concen: 36.848 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000989.D

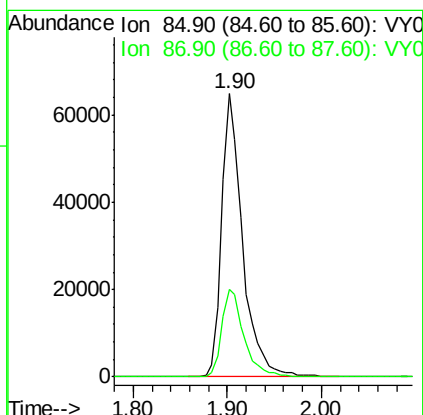
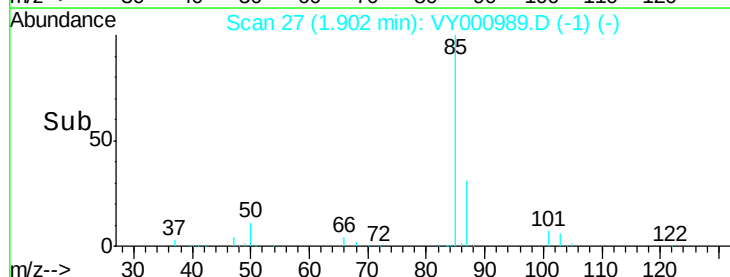
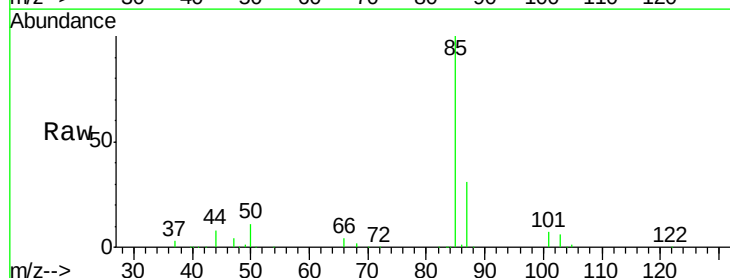
Acq: 17 Dec 2019 19:09

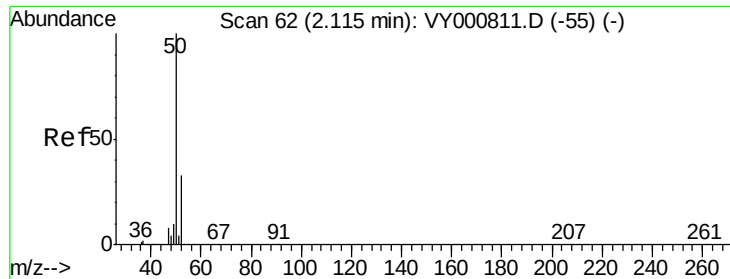
Tgt Ion: 85 Resp: 99936

Ion Ratio Lower Upper

85 100

87 30.7 16.8 50.3





#3

Chloromethane

Concen: 41.201 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 137741

Ion Ratio Lower Upper

50 100

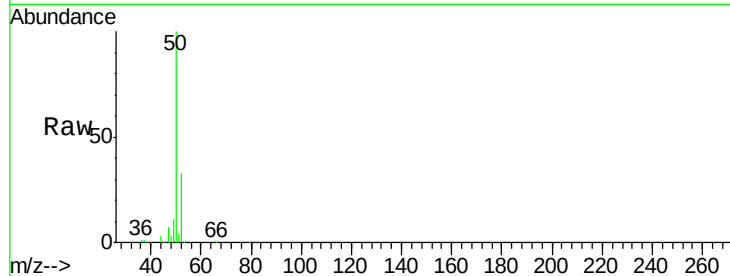
52 33.2 26.0 39.0

Manual Integrations

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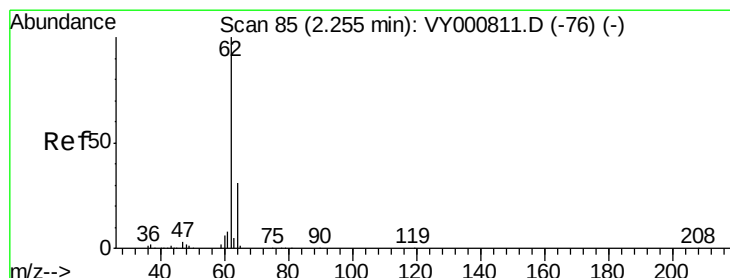
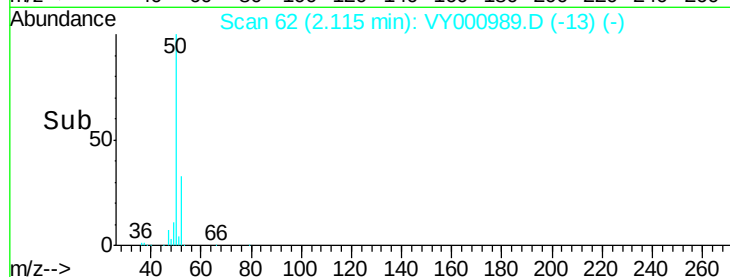
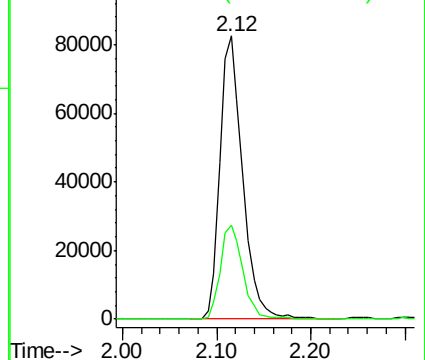
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.143 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY000989.D

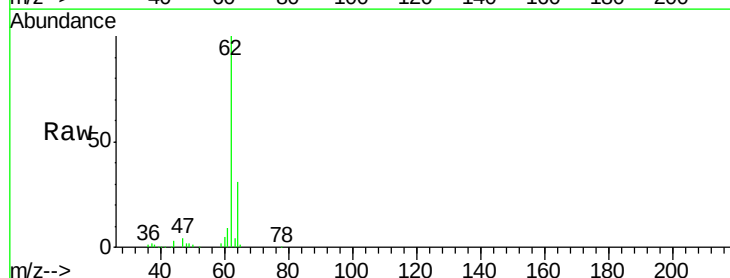
Acq: 17 Dec 2019 19:09

Tgt Ion: 62 Resp: 138854

Ion Ratio Lower Upper

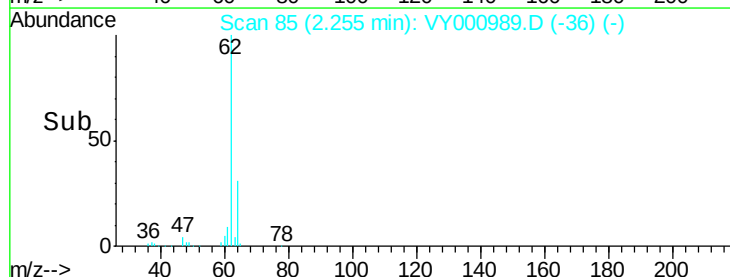
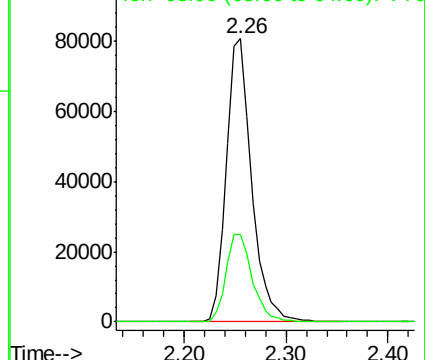
62 100

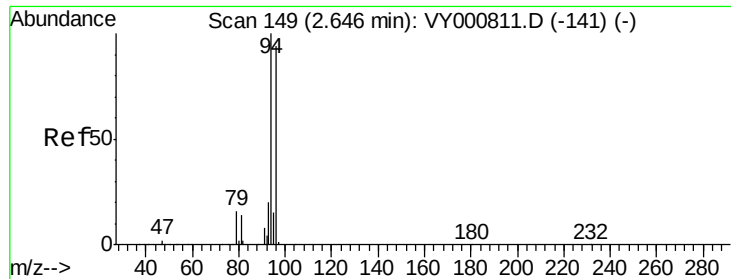
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.992 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

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ClientSampleId :

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Tot Ion: 94 Resp: 93851

Ion Ratio Lower Upper

94 100

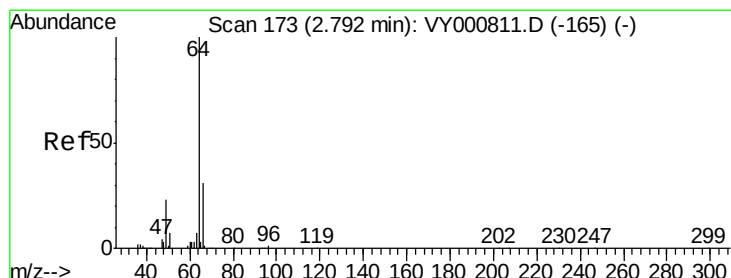
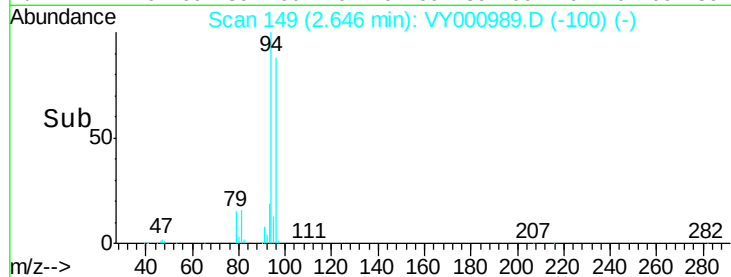
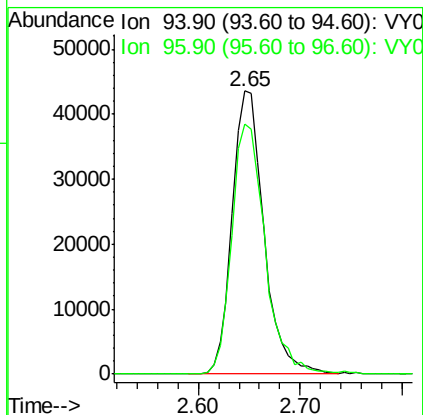
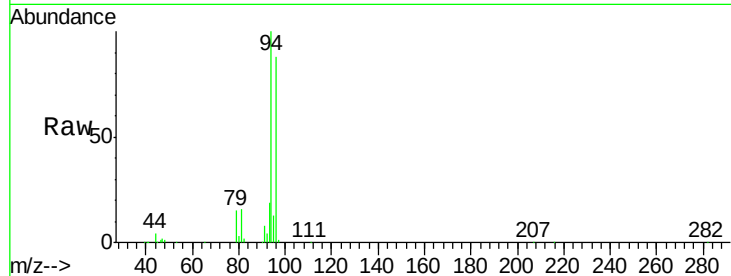
96 88.4 75.2 112.8

Manual Integrations

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12/18/2019 1:02:06 PM



#6

Chloroethane

Concen: 46.482 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000989.D

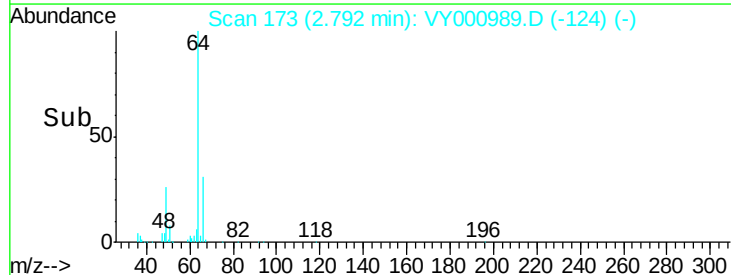
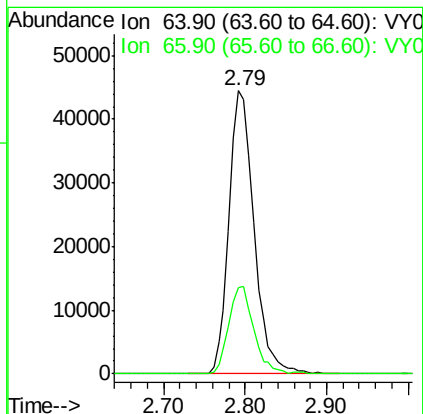
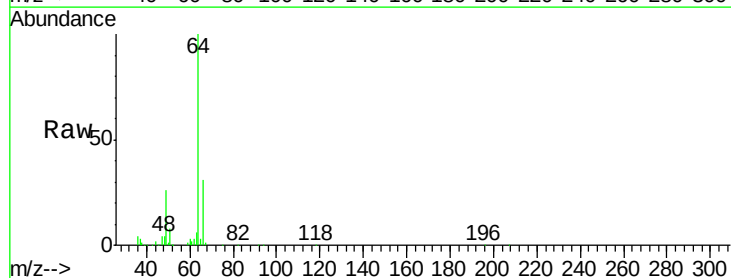
Acq: 17 Dec 2019 19:09

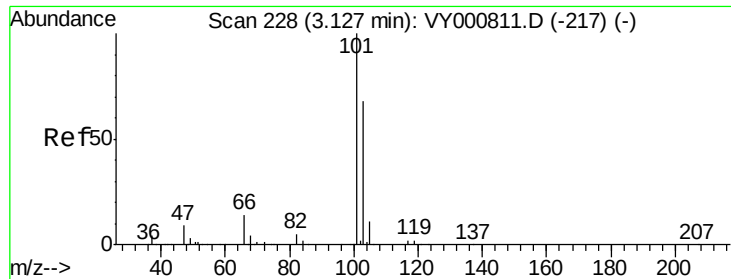
Tgt Ion: 64 Resp: 93899

Ion Ratio Lower Upper

64 100

66 30.6 25.0 37.4





#7

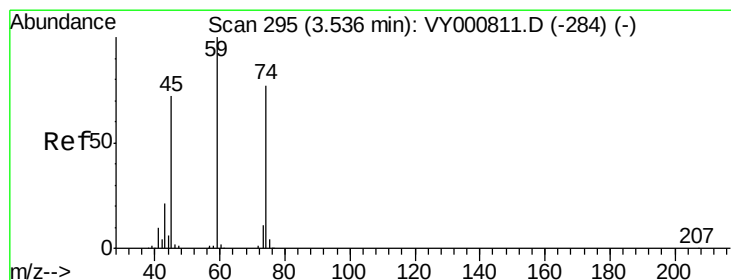
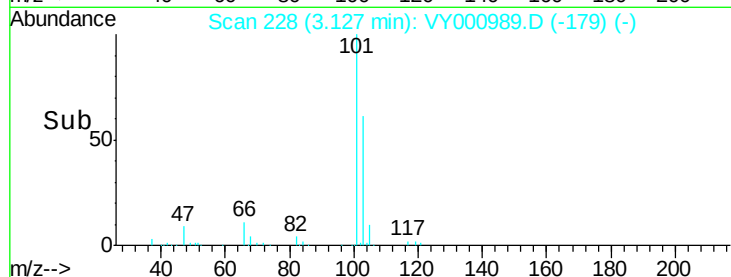
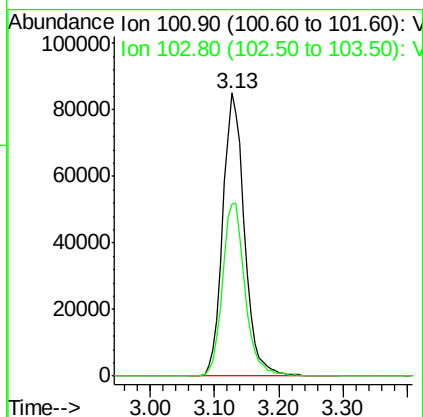
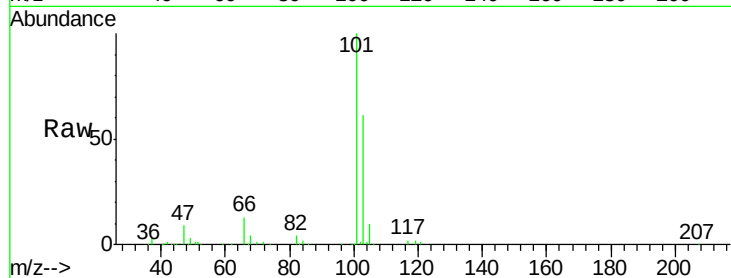
Trichlorofluoromethane
Concen: 45.027 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000989.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	54.2	81.2

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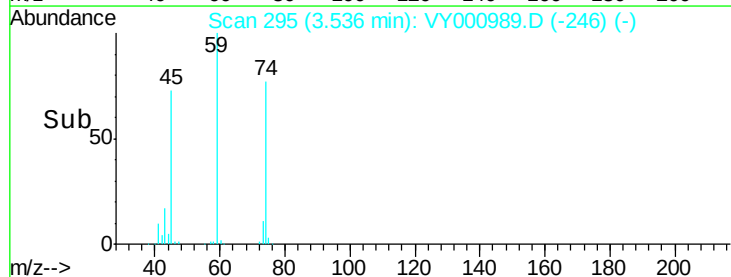
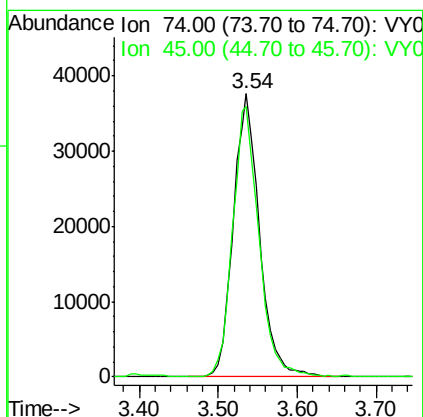
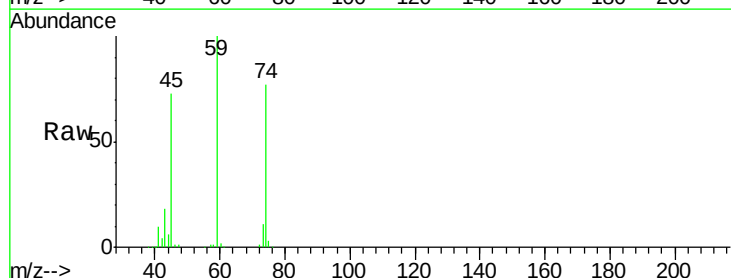
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12/18/2019 1:02:06 PM

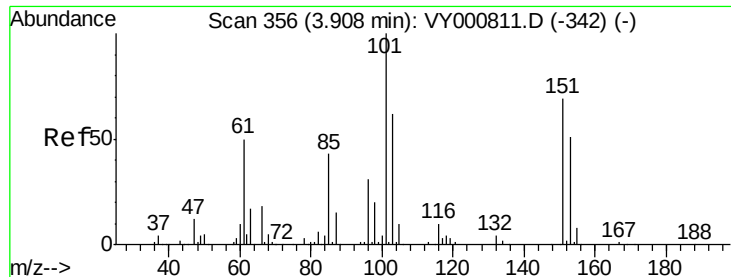


#8

Diethyl Ether
Concen: 50.933 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000989.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.446 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

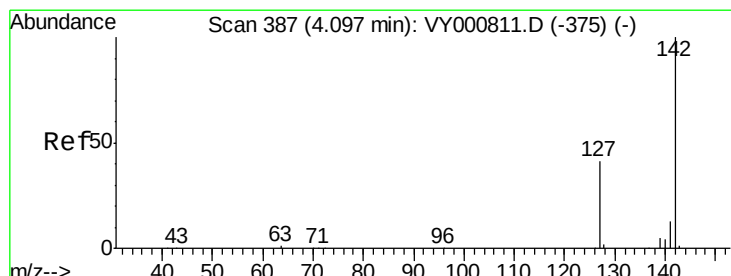
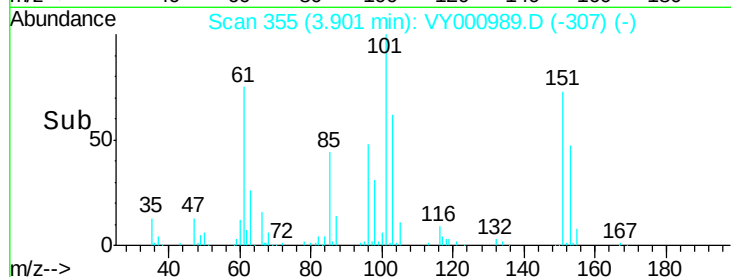
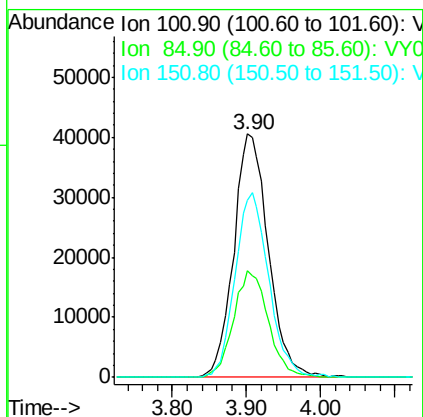
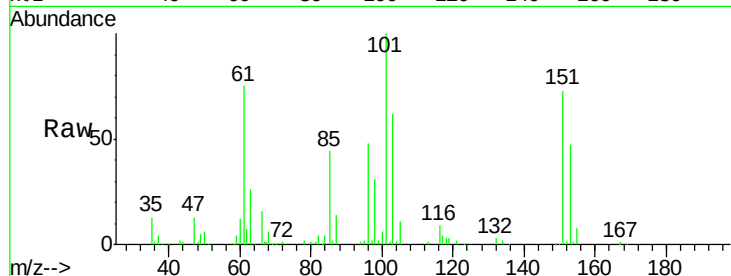
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	132301
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	74.1	58.2	87.2

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#10

Methyl Iodide

Concen: 47.344 ug/l

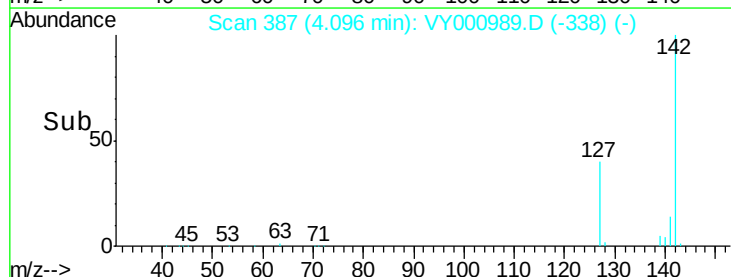
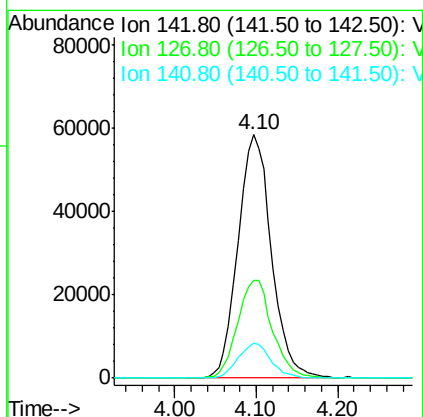
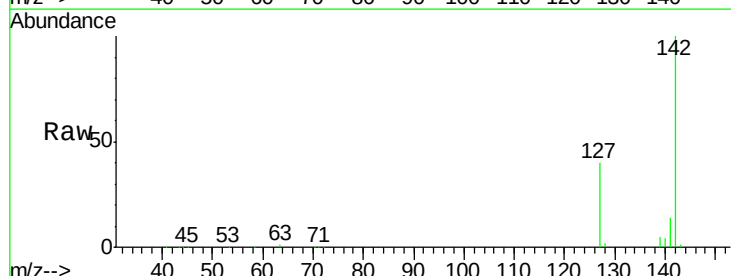
RT: 4.10 min Scan# 387

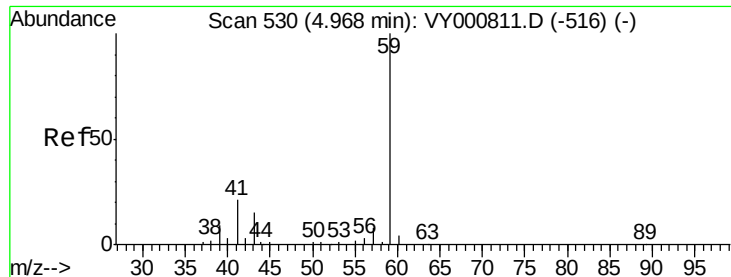
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	142	Resp:	166217
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.8	50.8
141	14.2	10.9	16.3





#11

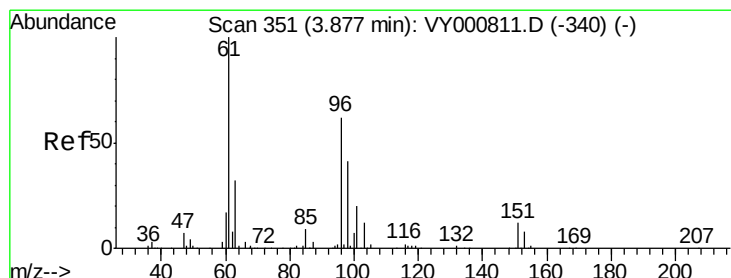
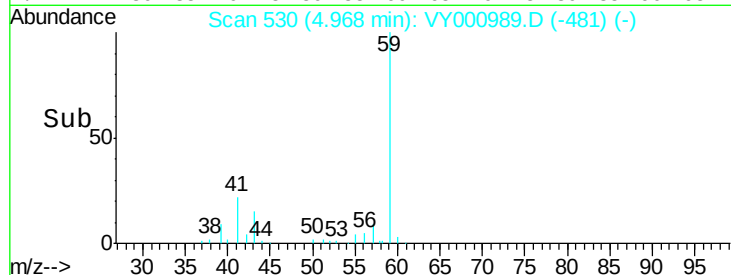
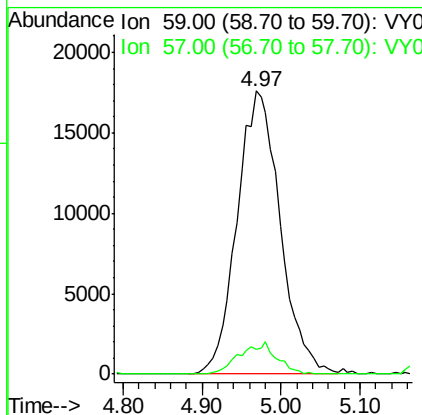
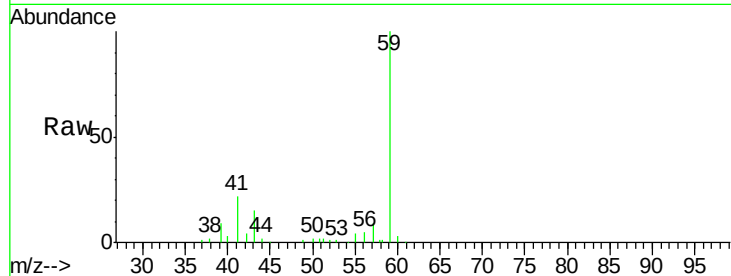
Tert butyl alcohol
Concen: 247.979 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

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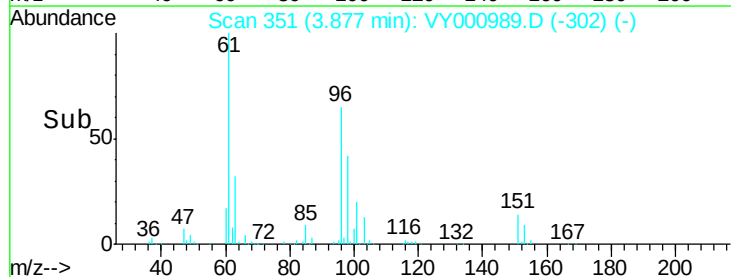
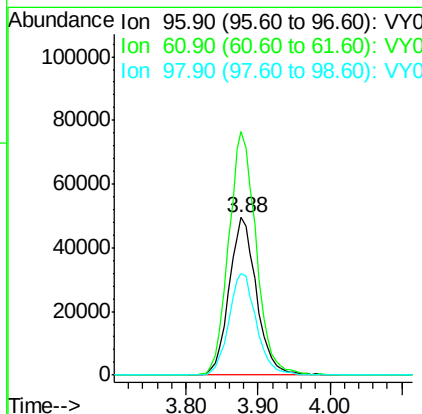
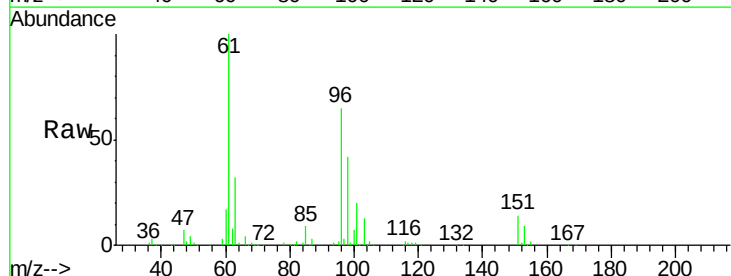
MMDadoda
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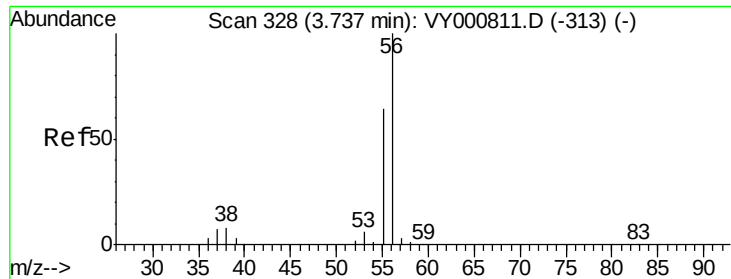


#12

1,1-Dichloroethene
Concen: 47.255 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	129.4	194.2
98	64.1	53.4	80.0





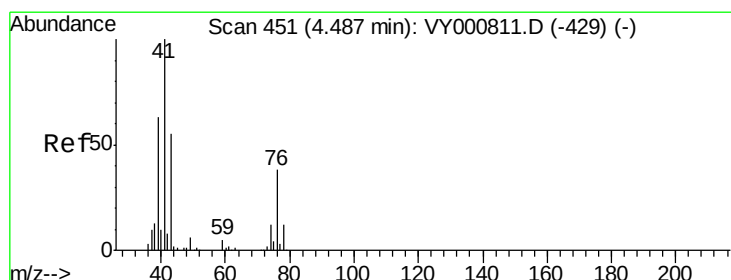
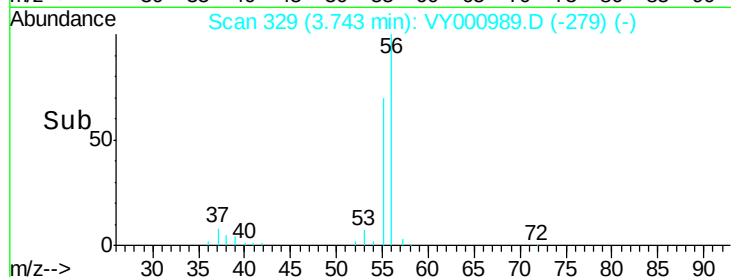
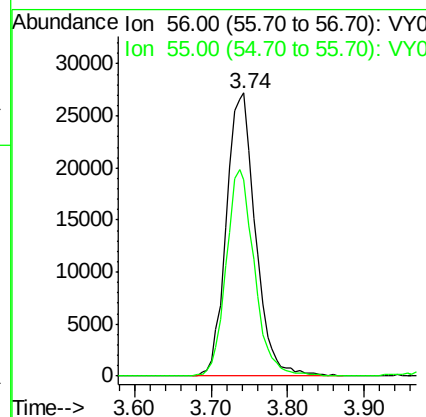
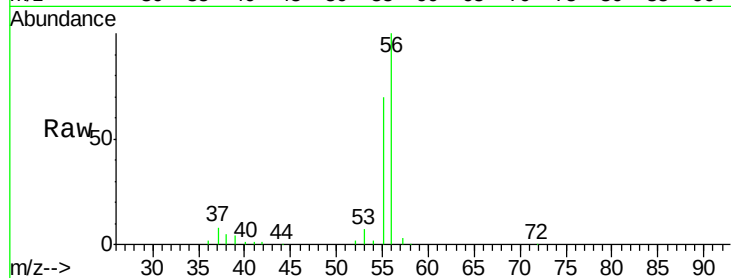
#13
Acrolein
Concen: 270.123 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 71669
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5

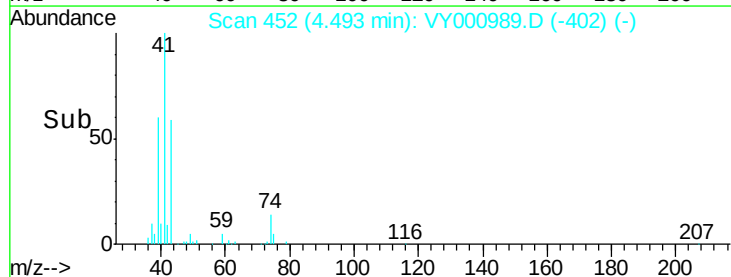
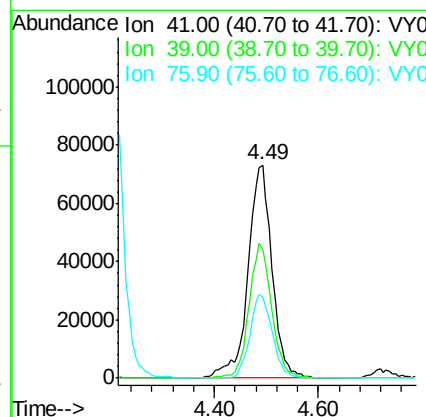
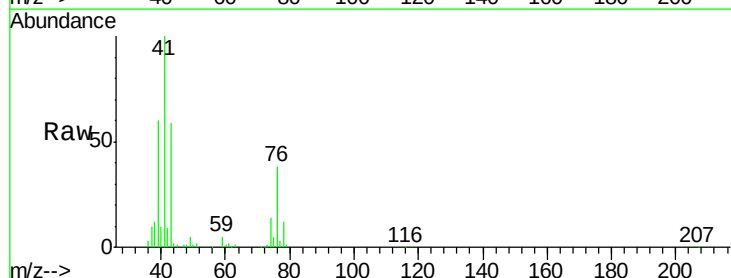
Manual Integrations
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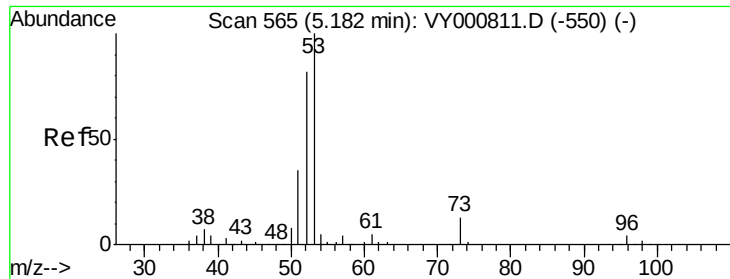
MMDadoda
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#14
Allyl chloride
Concen: 49.334 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion: 41 Resp: 233678
Ion Ratio Lower Upper
41 100
39 59.5 49.2 73.8
76 36.3 29.2 43.8





#15

Acrylonitrile

Concen: 267.114 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

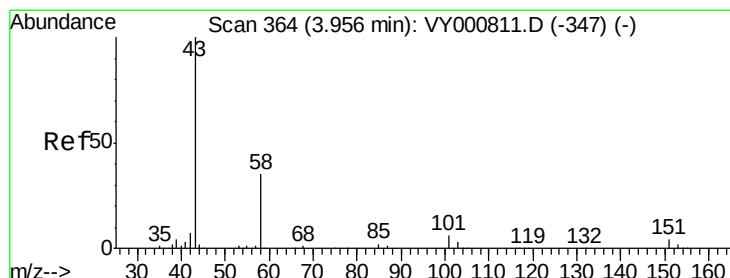
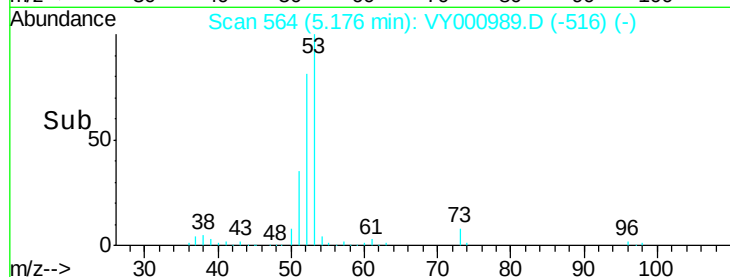
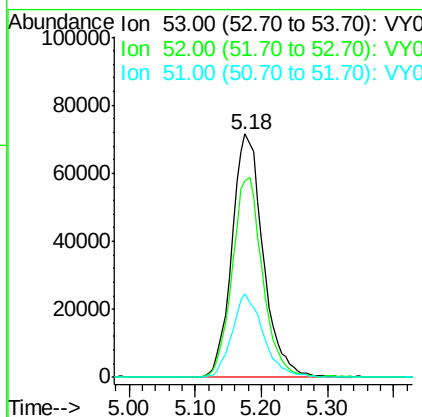
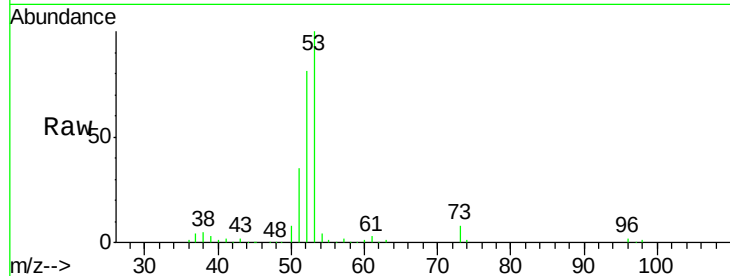
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	234414
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.1	97.7
51	34.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 242.406 ug/l

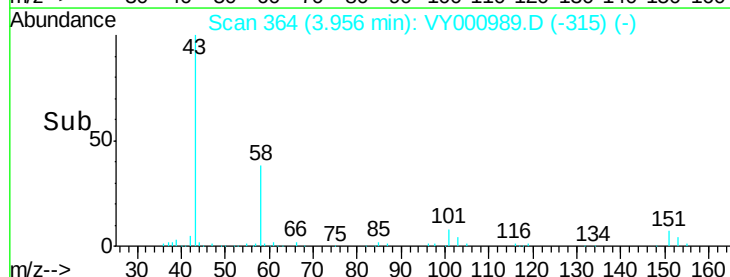
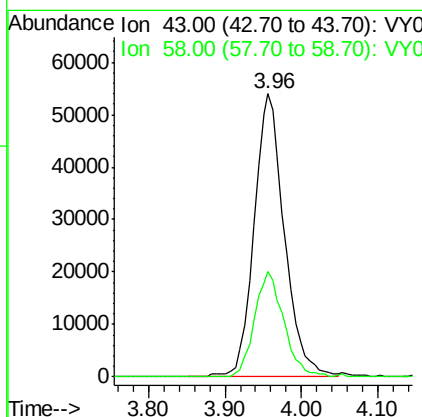
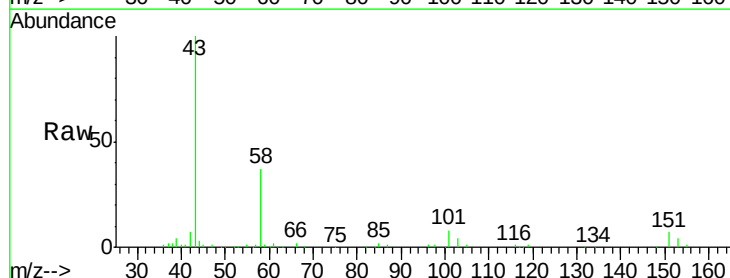
RT: 3.96 min Scan# 364

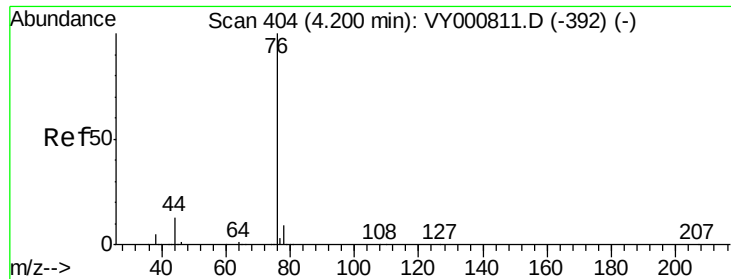
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	43	Resp:	148870
Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.0	42.0





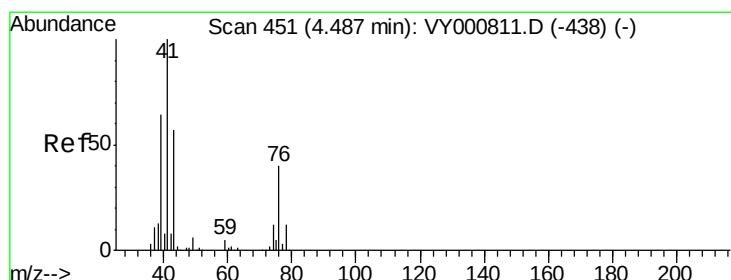
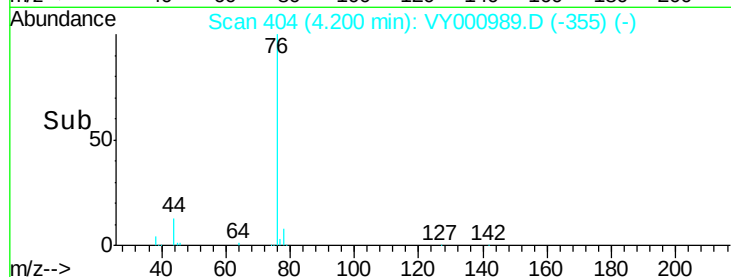
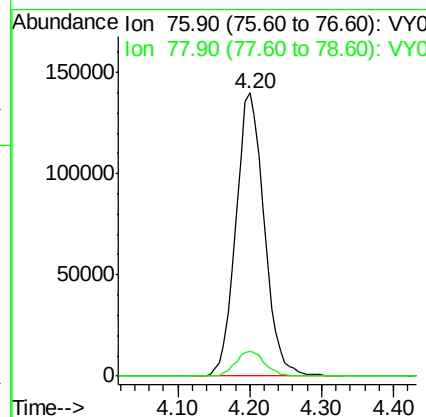
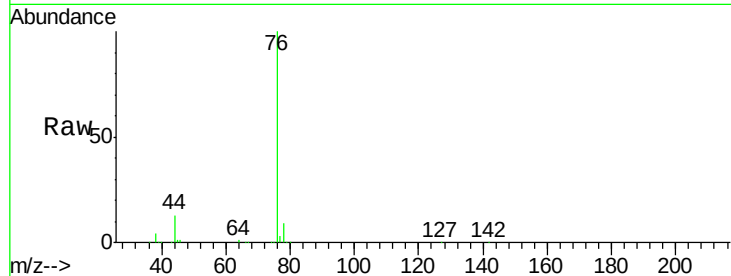
#17
Carbon Disulfide
Concen: 42.733 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

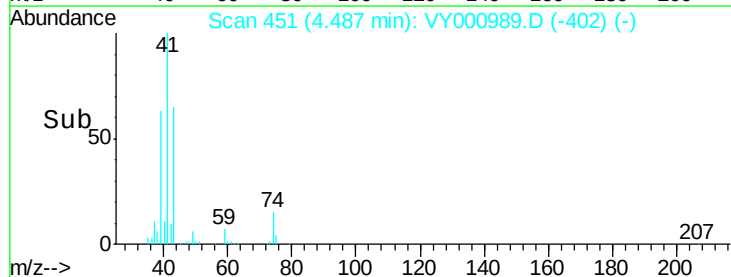
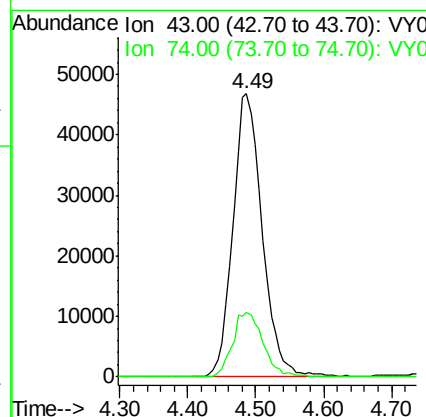
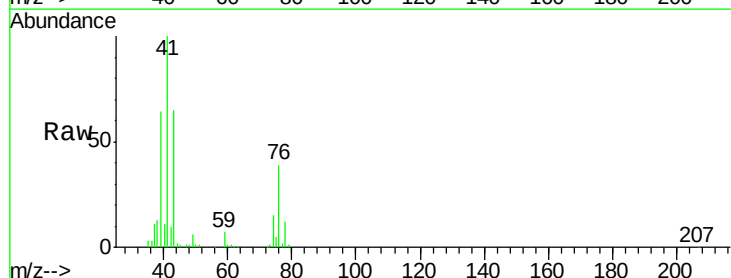
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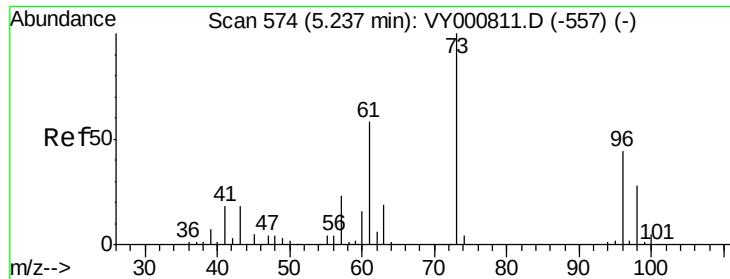
MMDadoda
12/18/2019 1:02:06 PM



#18
Methyl Acetate
Concen: 54.422 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





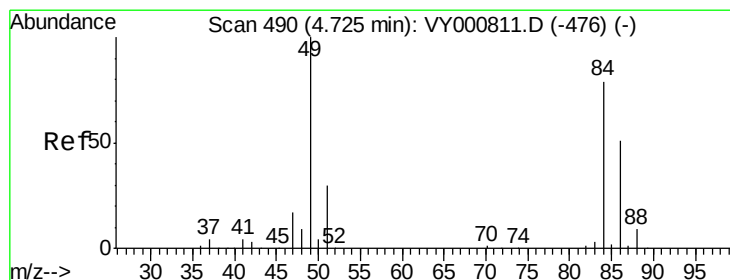
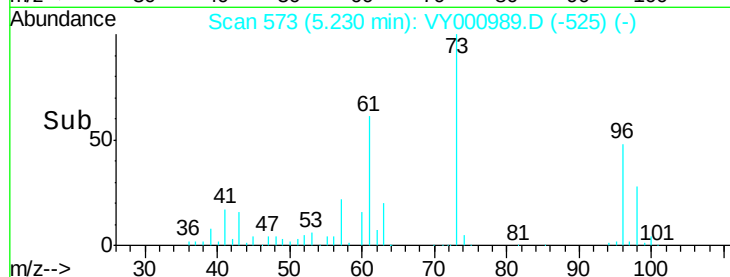
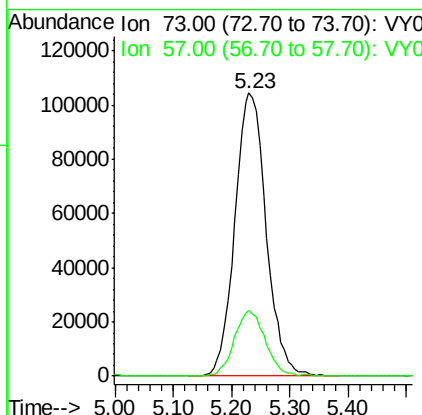
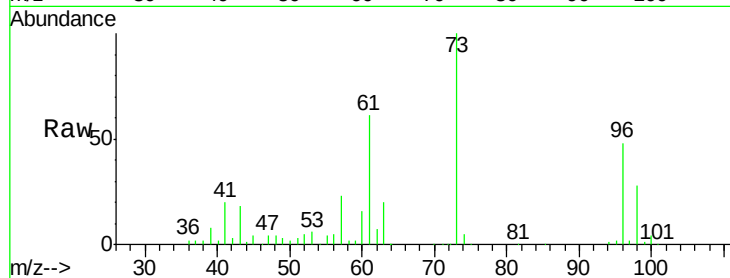
#19
Methyl tert-butyl Ether
Concen: 52.663 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 388525
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

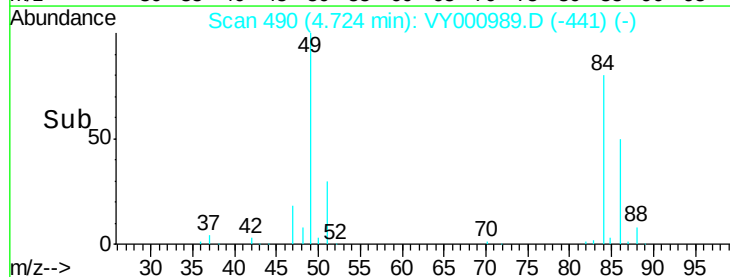
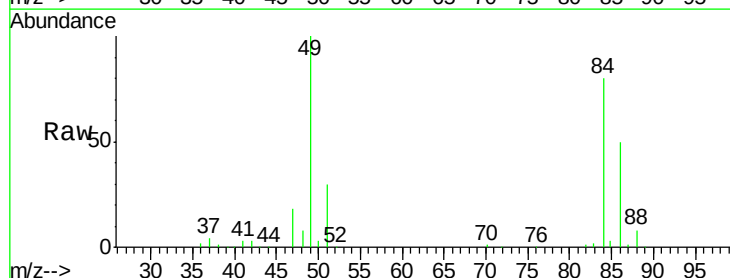
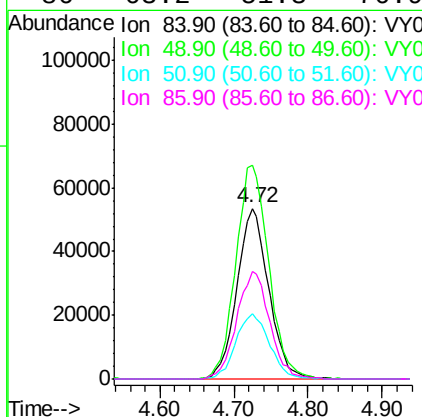
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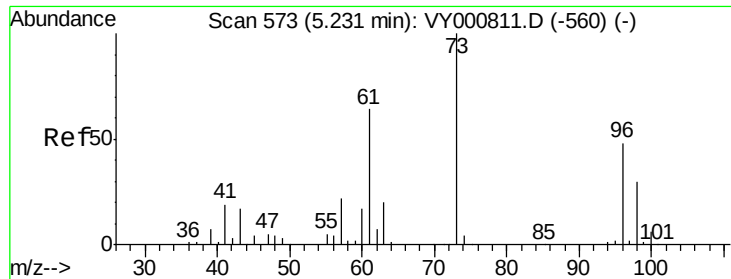
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#20
Methylene Chloride
Concen: 49.419 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion: 84 Resp: 159981
Ion Ratio Lower Upper
84 100
49 125.1 101.3 151.9
51 38.1 30.6 45.8
86 63.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.566 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

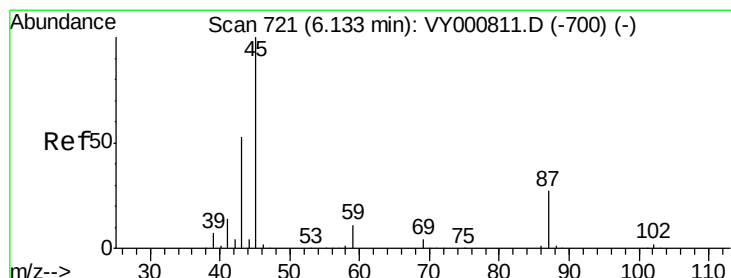
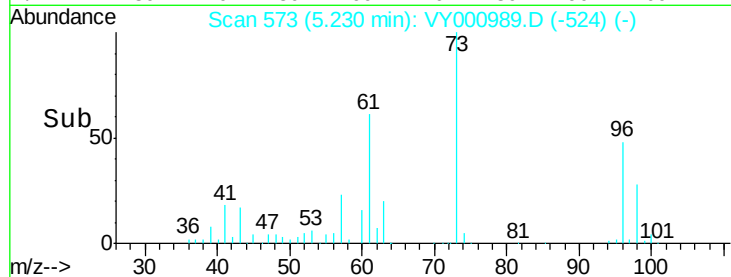
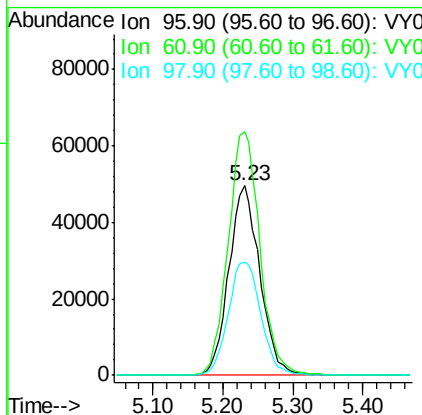
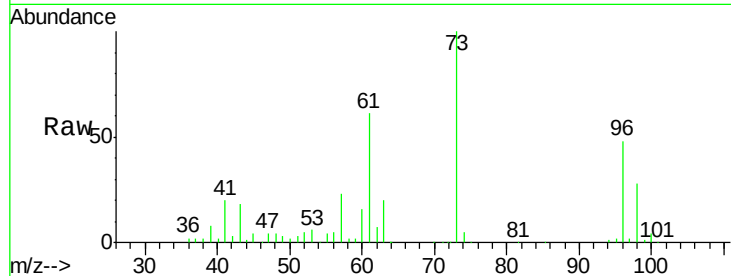
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152490
Ion	Ratio	Lower	Upper
96	100		
61	128.4	105.9	158.9
98	59.7	49.4	74.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.905 ug/l

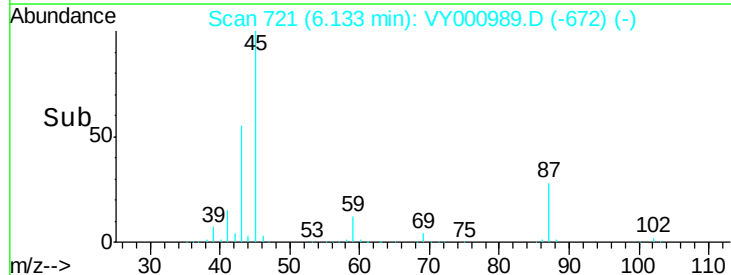
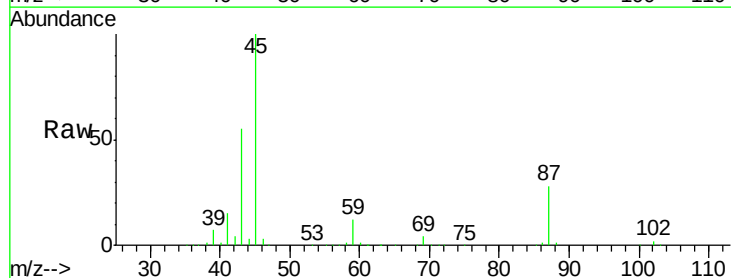
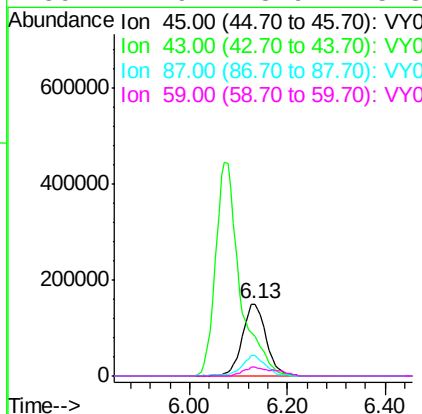
RT: 6.13 min Scan# 721

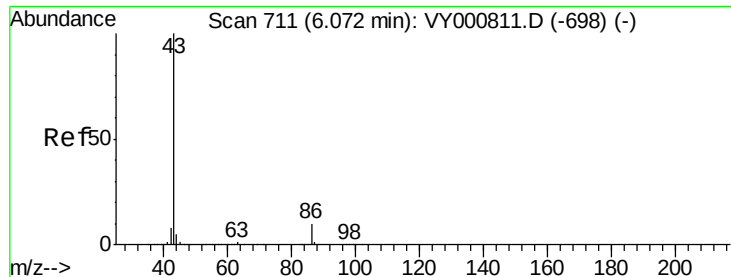
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	45	Resp:	505313
Ion	Ratio	Lower	Upper
45	100		
43	55.3	42.7	64.1
87	27.5	22.0	33.0
59	11.9	8.9	13.3





#23

Vinyl Acetate

Concen: 258.621 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tot Ion: 43 Resp: 1530636

Ion Ratio Lower Upper

43 100

86 10.9 8.3 12.5

Instrument :

MSVOA_Y

ClientSampleId :

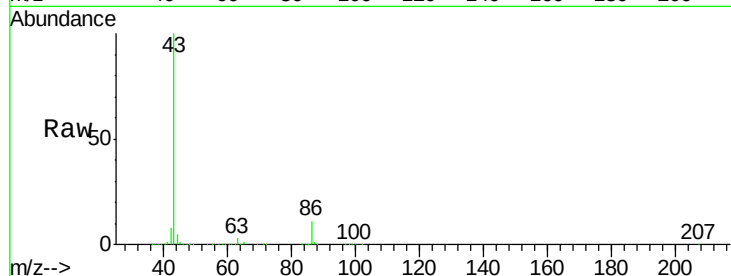
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

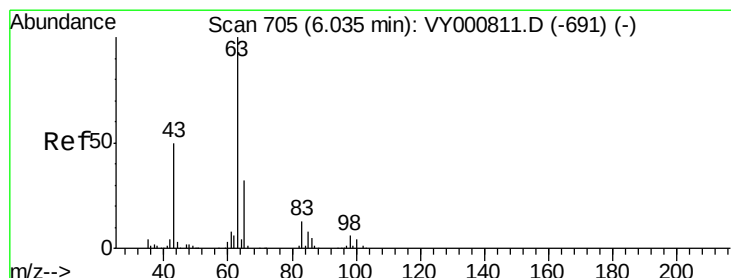
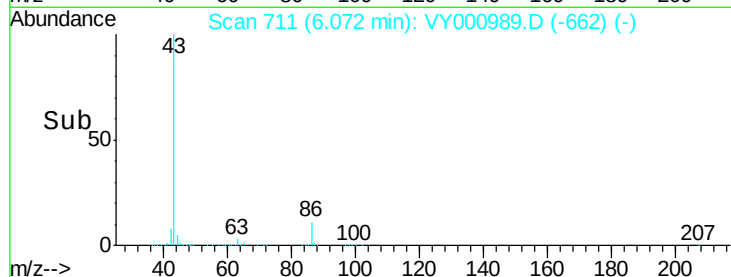
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.986 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

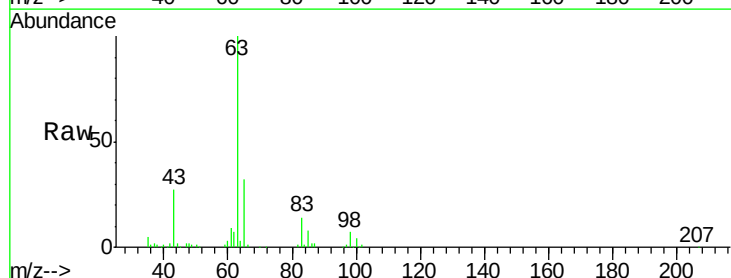
Tgt Ion: 63 Resp: 268213

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.0 2.2 6.6



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

6.03

100000

80000

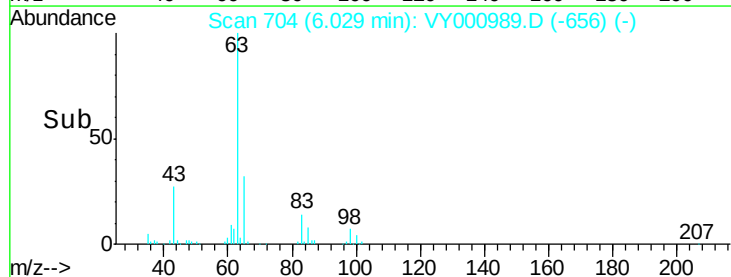
60000

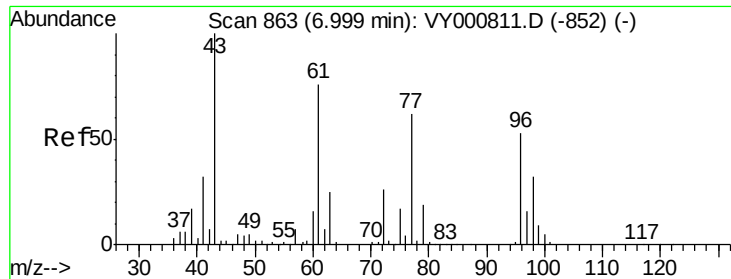
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.385 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 284055

Ion Ratio Lower Upper

43 100

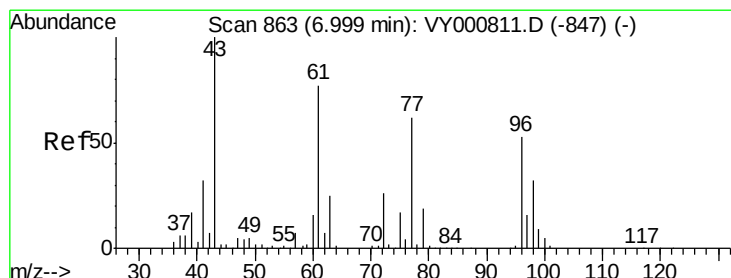
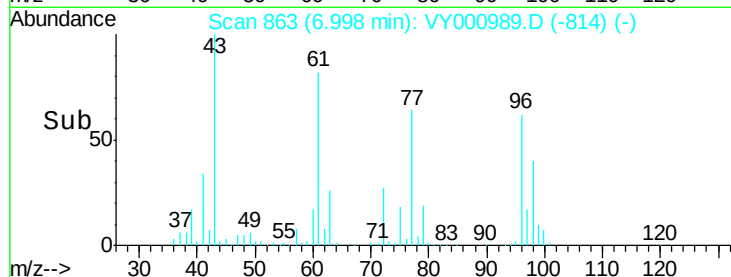
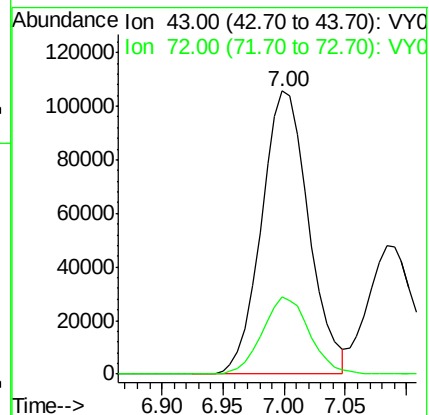
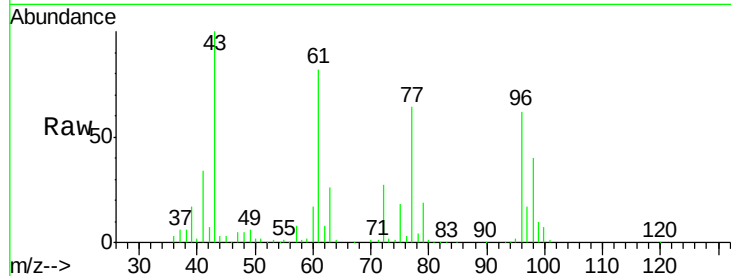
72 27.3 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.564 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000989.D

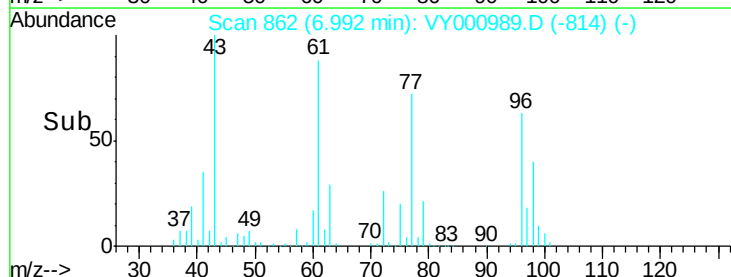
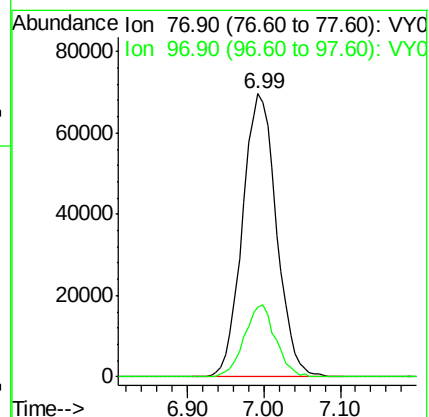
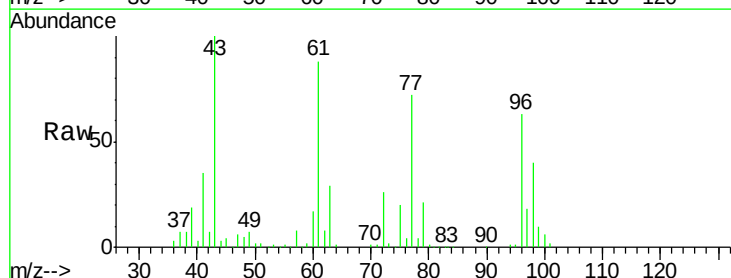
Acq: 17 Dec 2019 19:09

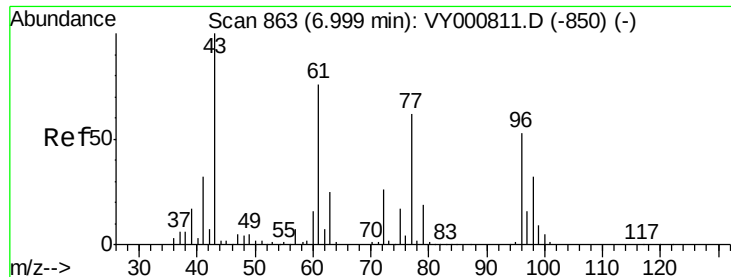
Tgt Ion: 77 Resp: 214802

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

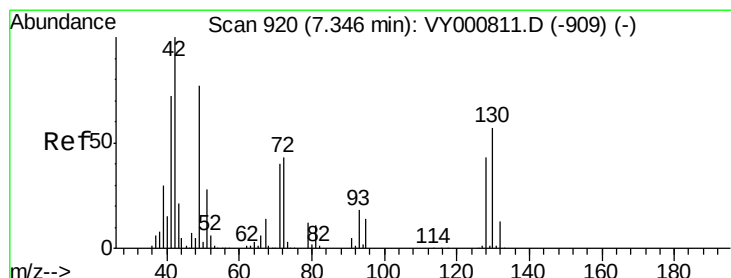
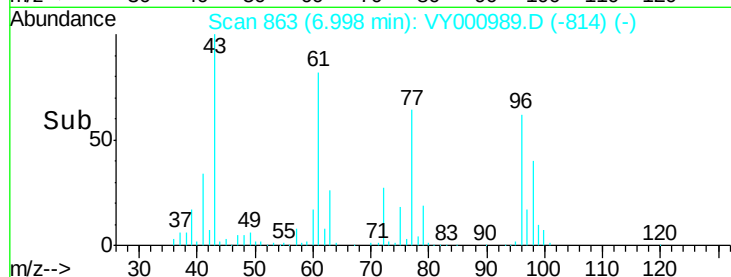
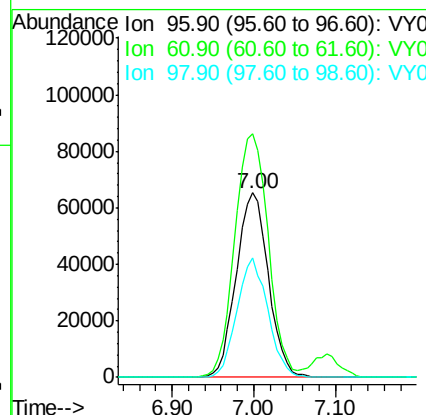
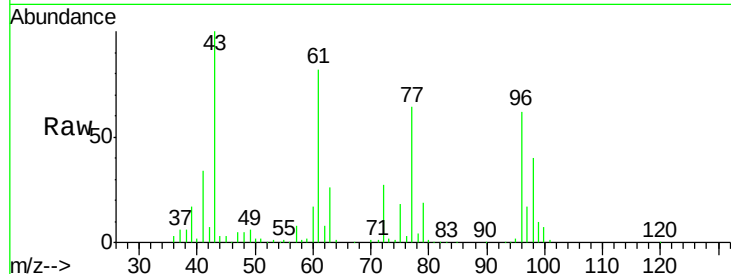
cis-1,2-Dichloroethene
Concen: 52.464 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178065		
61	137.8	0.0	285.0	
98	62.5	0.0	128.0	

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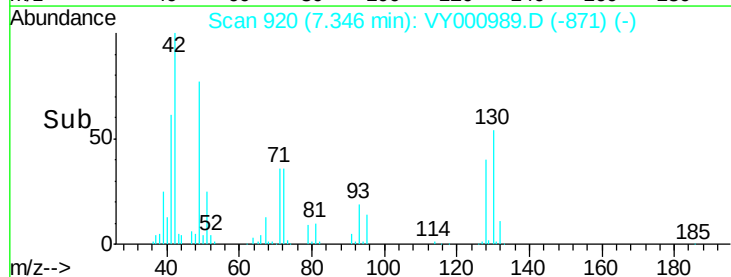
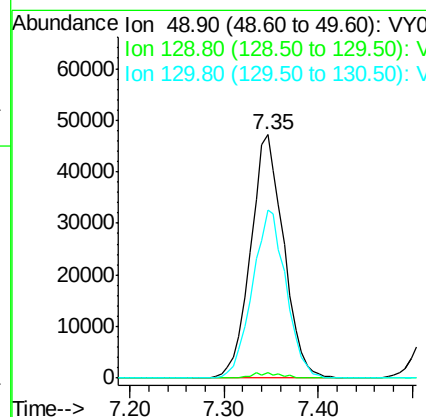
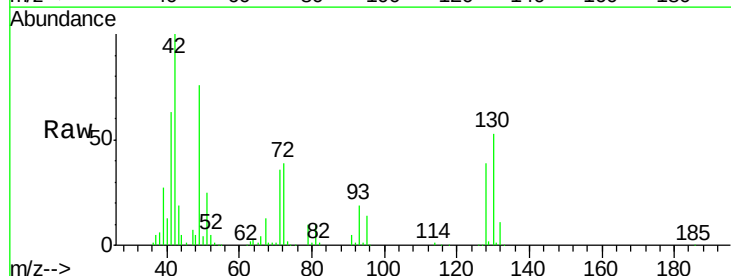
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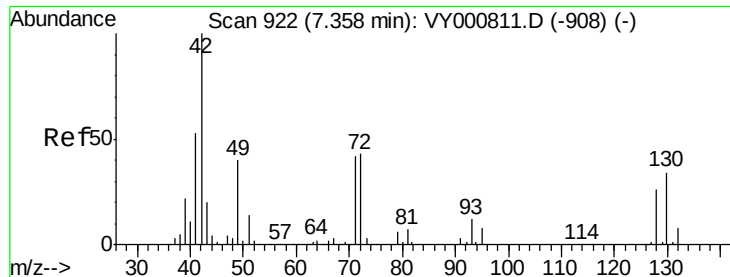


#28

Bromochloromethane
Concen: 58.826 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116461		
129	1.7	0.0	3.8	
130	70.3	58.7	88.1	





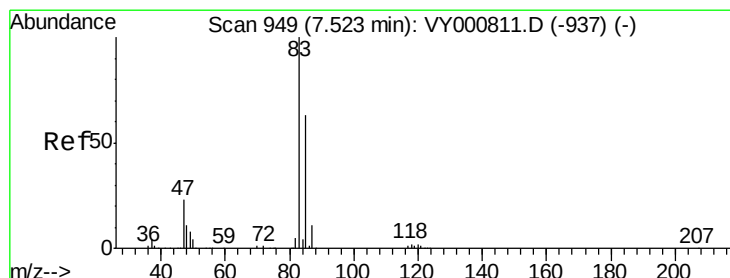
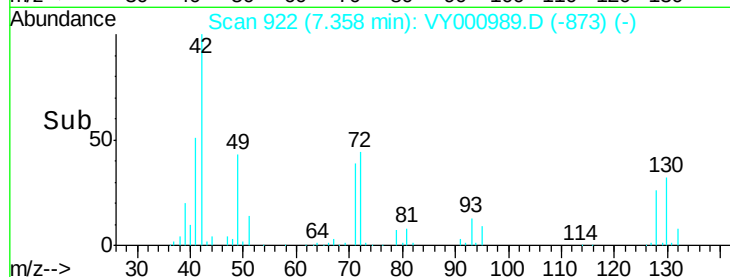
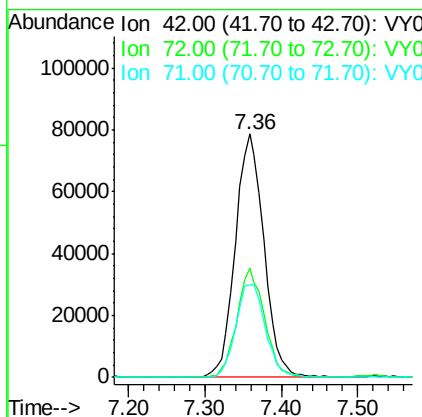
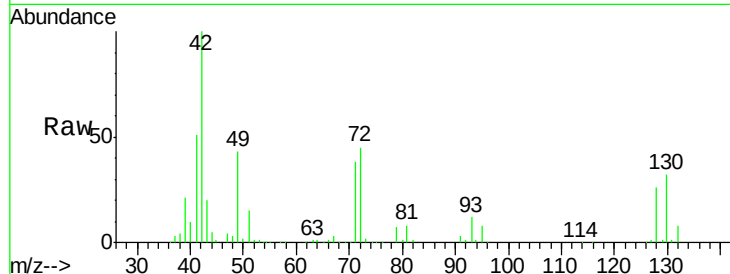
#29
Tetrahydrofuran
Concen: 271.637 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.1	52.7
71	39.6	32.8	49.2

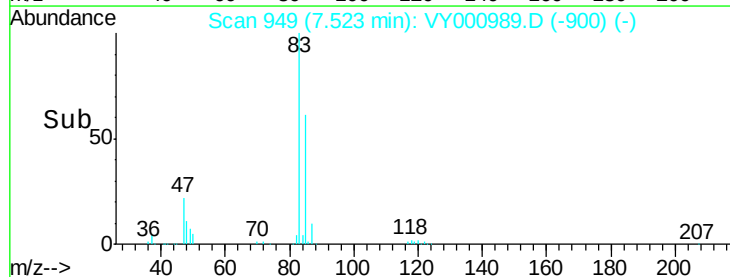
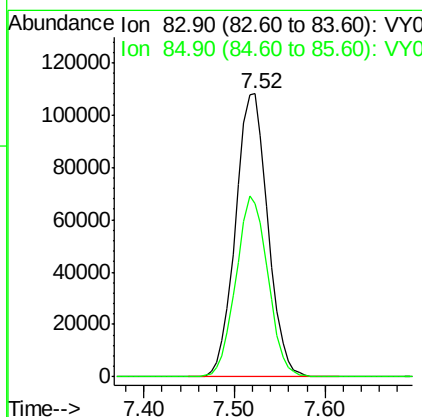
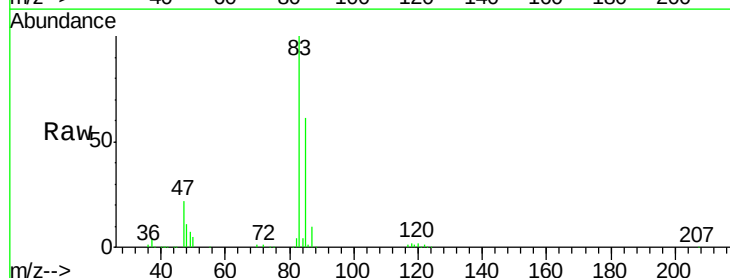
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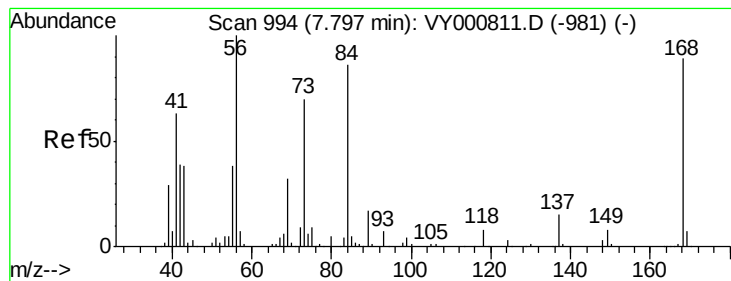
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12/18/2019 1:02:06 PM



#30
Chloroform
Concen: 49.609 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.4	75.6





#31

Cyclohexane

Concen: 43.829 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 249134

Ion Ratio Lower Upper

56 100

69 32.0 25.9 38.9

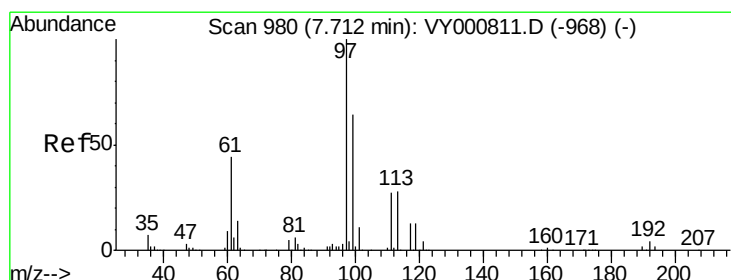
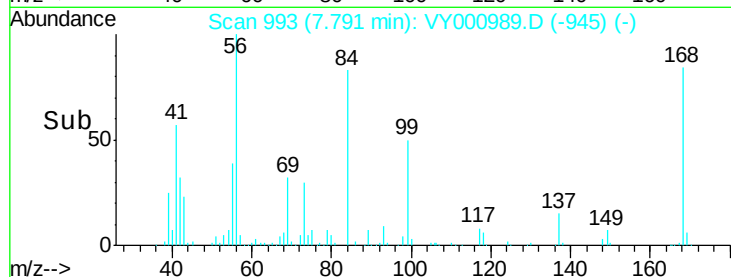
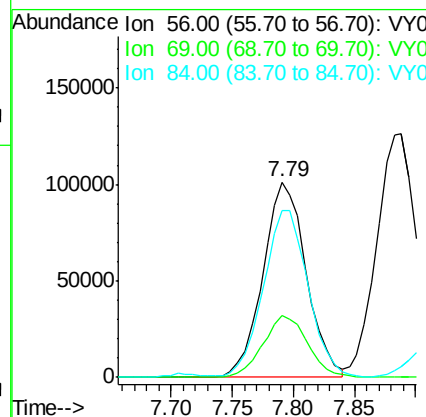
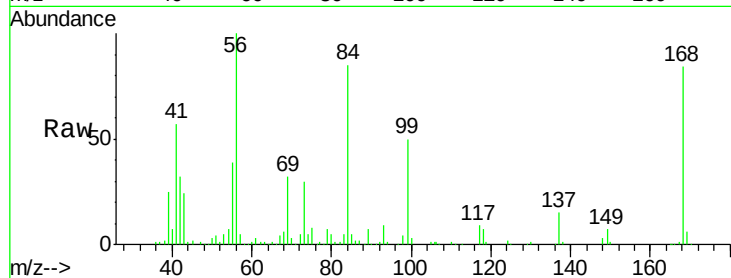
84 83.9 68.6 102.8

Manual Integrations

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12/18/2019 1:02:06 PM



#32

1,1,1-Trichloroethane

Concen: 48.410 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

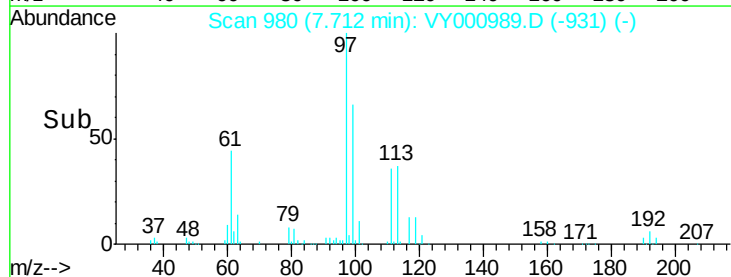
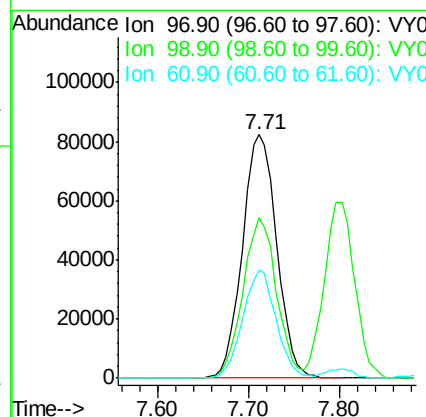
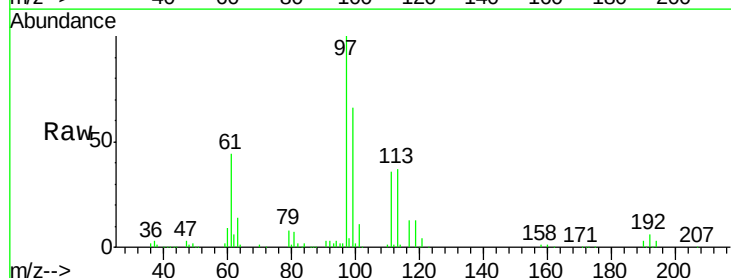
Tgt Ion: 97 Resp: 215173

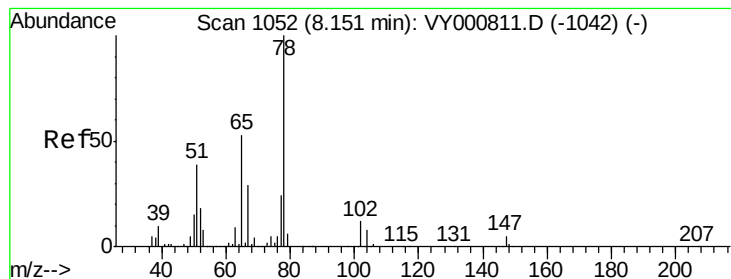
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 43.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 53.215 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 142464

Ion Ratio Lower Upper

65 100

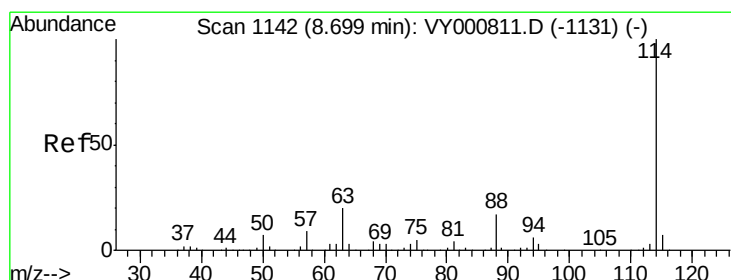
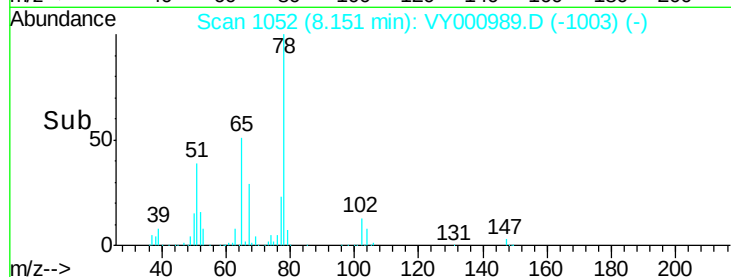
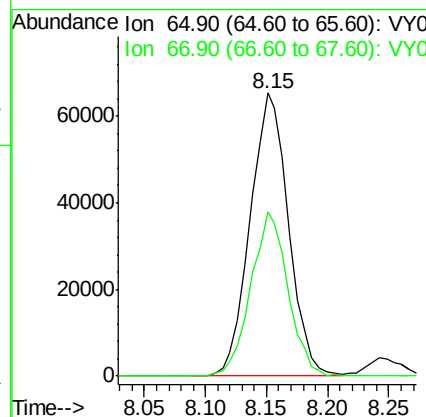
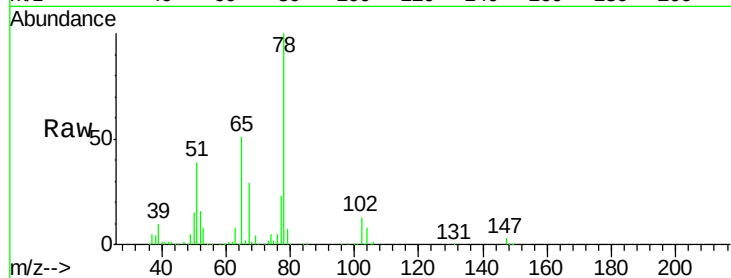
67 56.3 0.0 112.0

Manual Integrations

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12/18/2019 1:02:06 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

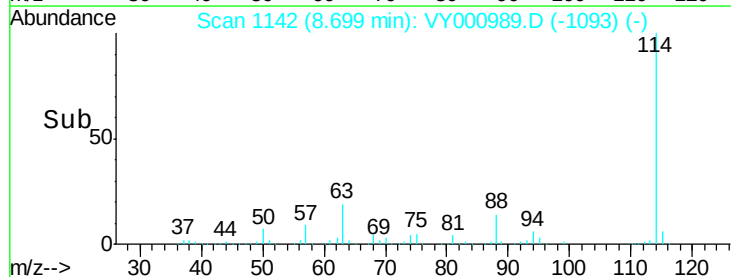
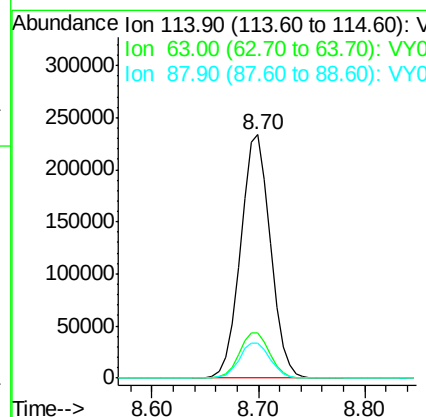
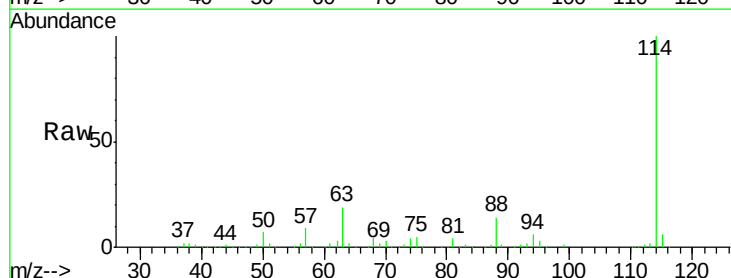
Tgt Ion: 114 Resp: 458904

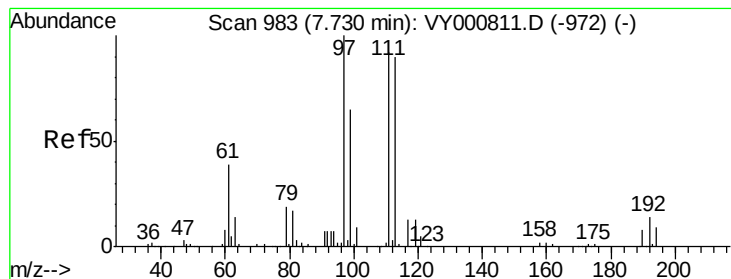
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

88 14.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.287 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

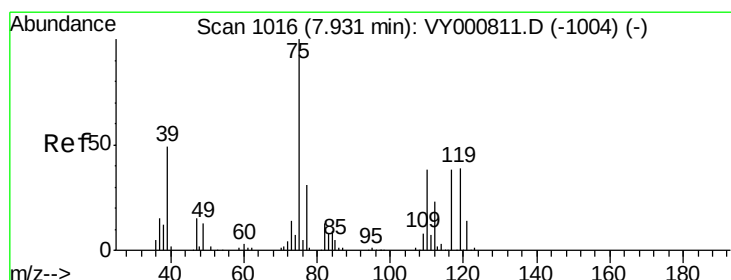
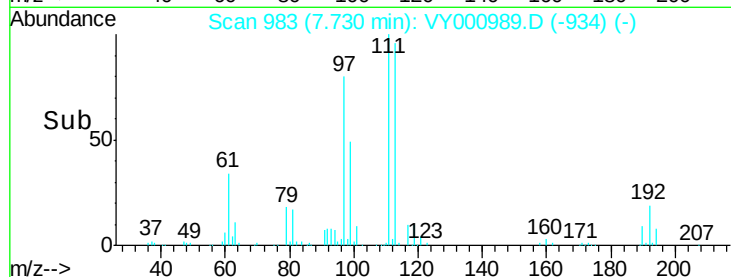
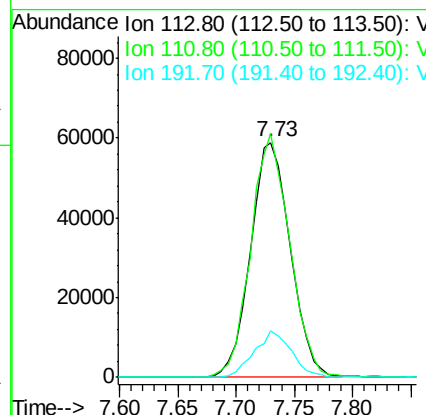
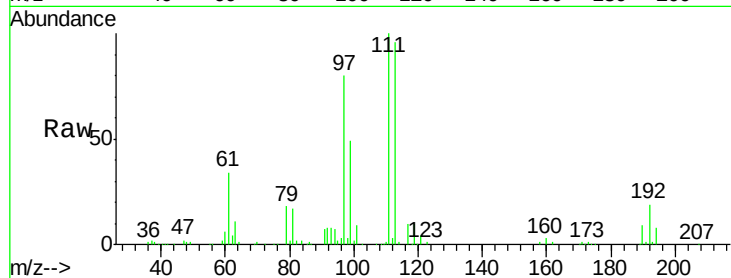
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	139840
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	18.3	14.2	21.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.714 ug/l

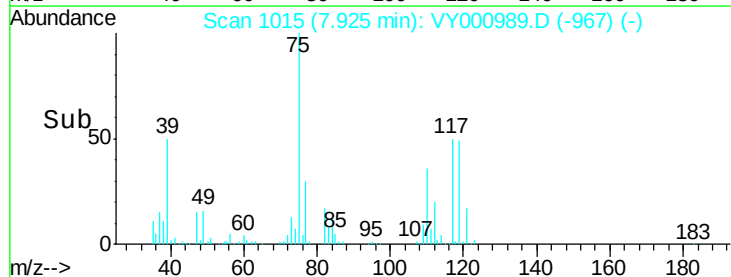
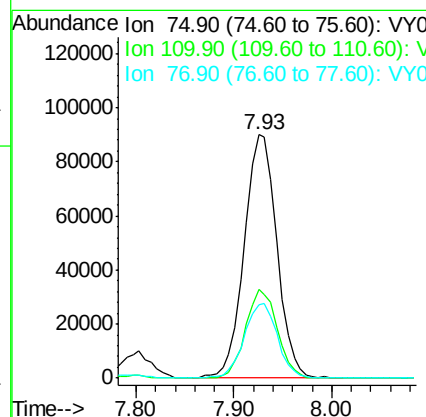
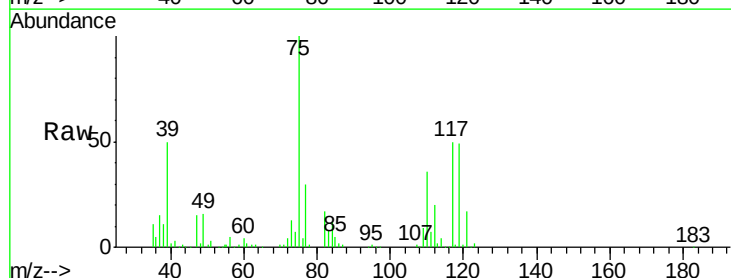
RT: 7.93 min Scan# 1015

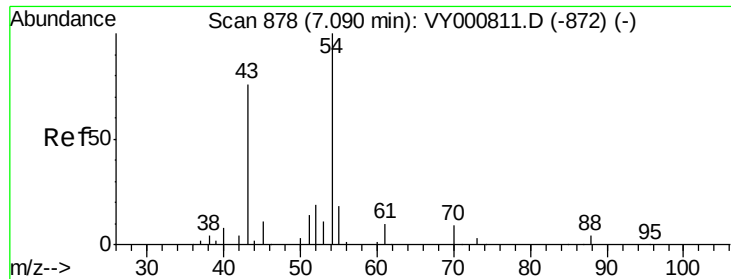
Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	75	Resp:	208590
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.9	53.7
77	31.2	24.7	37.1





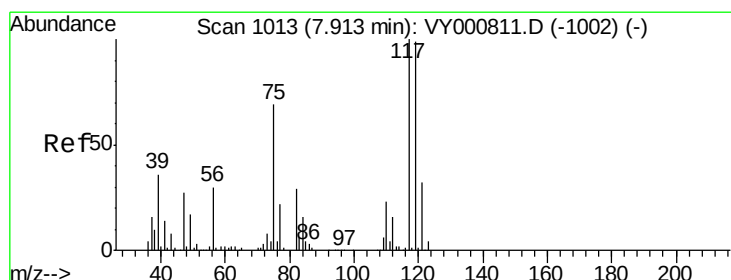
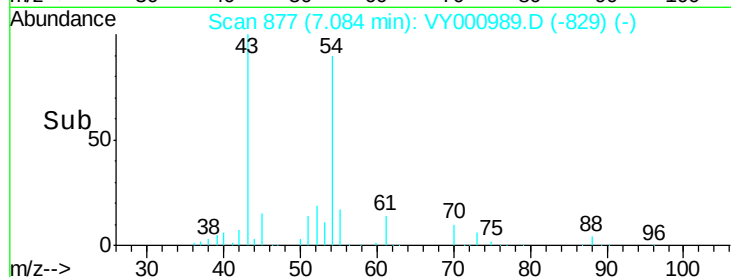
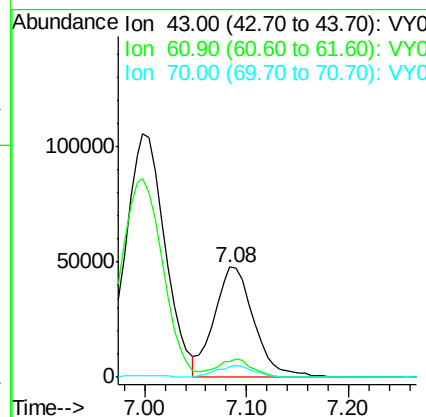
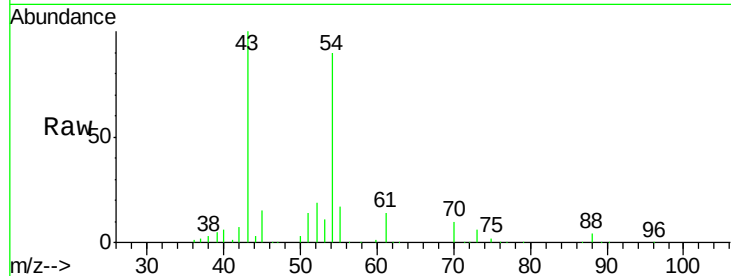
#37
Ethyl Acetate
Concen: 49.290 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.8
70	10.2	8.7	13.1

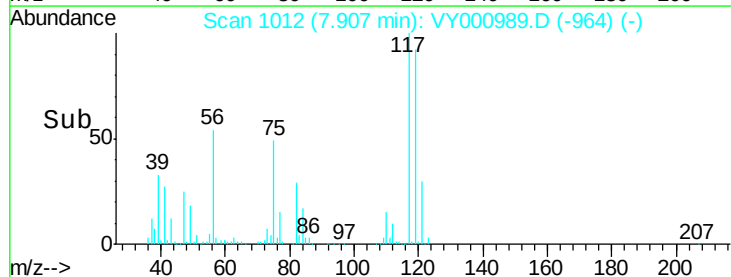
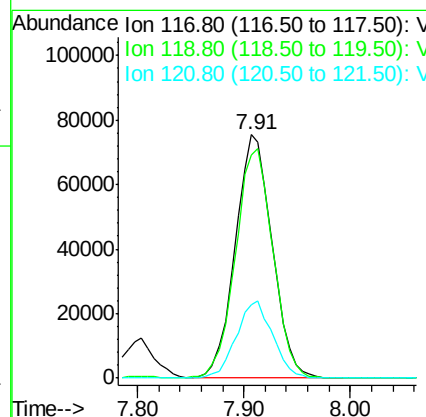
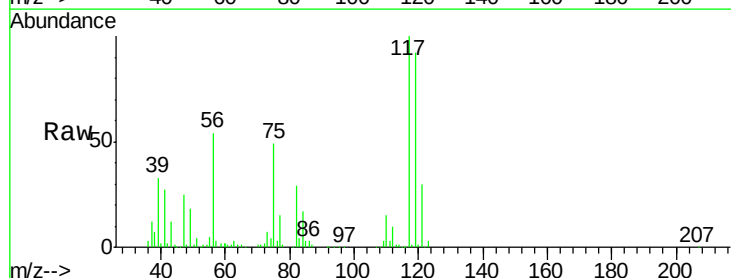
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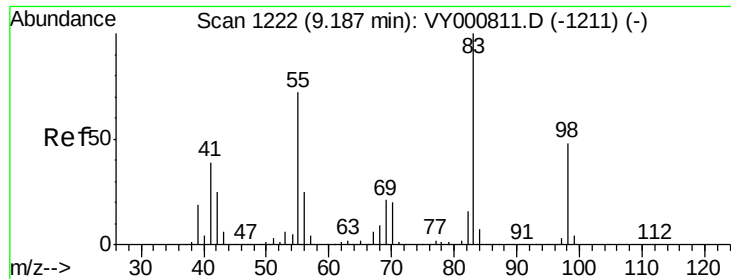
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12/18/2019 1:02:06 PM



#38
Carbon Tetrachloride
Concen: 45.138 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	79.3	118.9
121	30.4	25.5	38.3





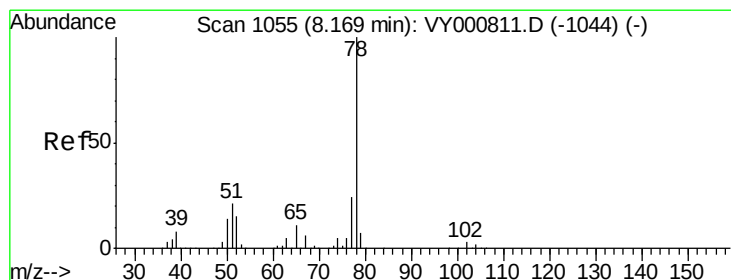
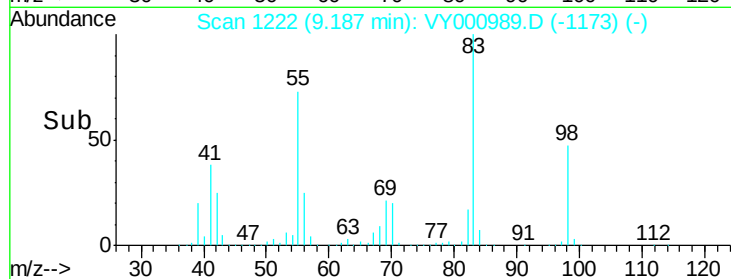
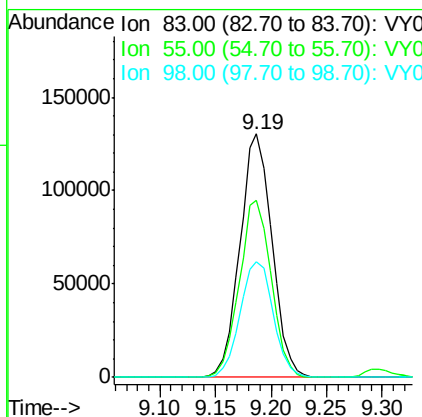
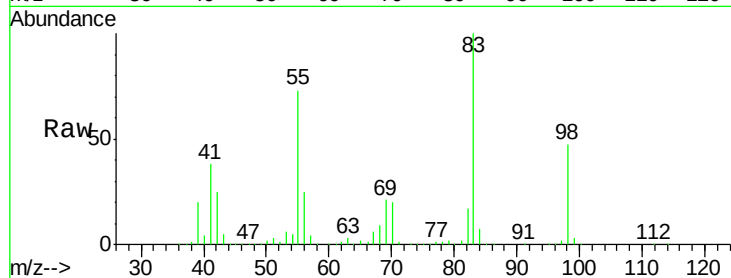
#39
Methylvlcyclohexane
Concen: 43.195 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	261123		
55	72.6		57.8	86.6
98	47.4		38.6	58.0

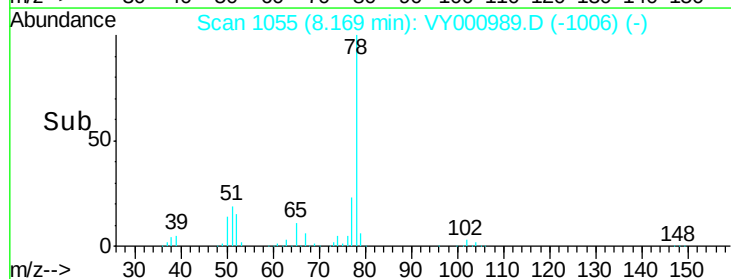
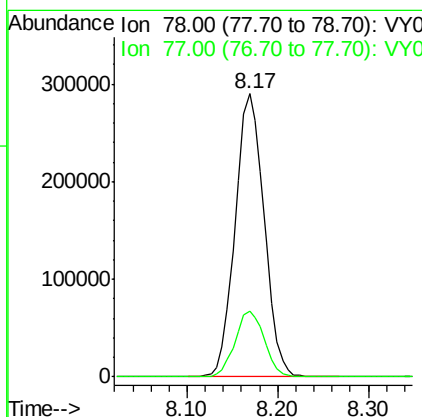
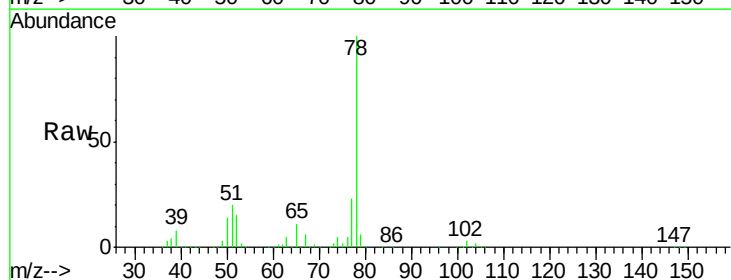
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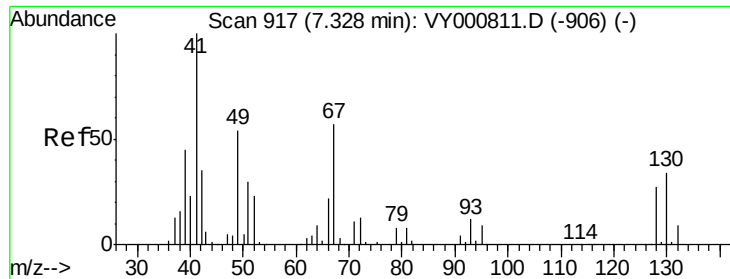
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#40
Benzene
Concen: 48.340 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	642478		
77	23.4		19.2	28.8





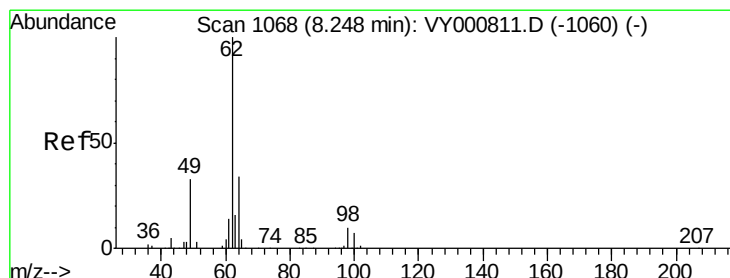
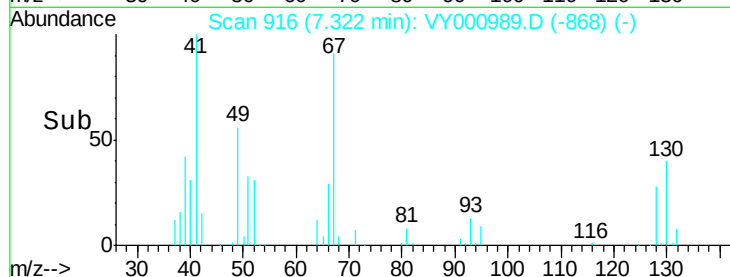
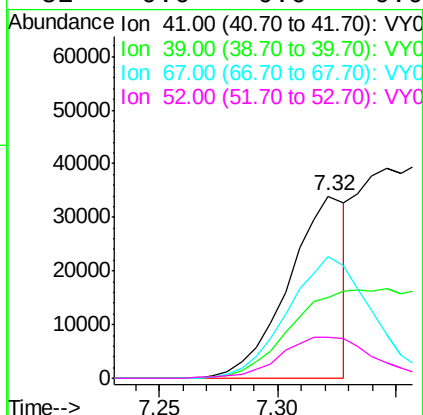
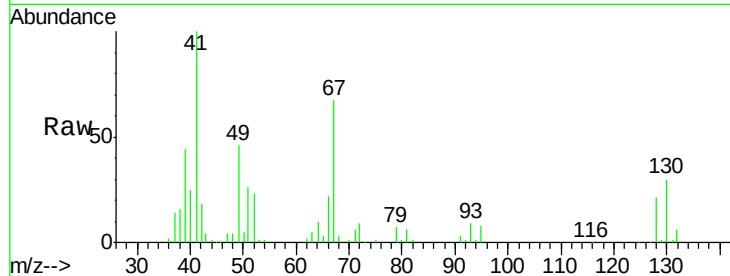
#41
Methacrylonitrile
Concen: 41.494 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	57619
Ion	Ratio	Lower	Upper
41	100		
39	131.6	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

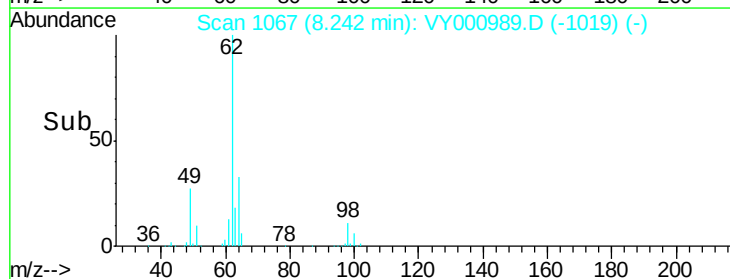
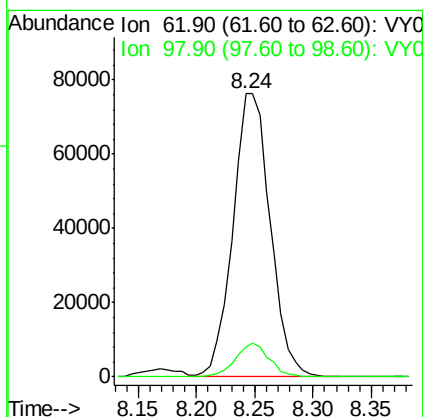
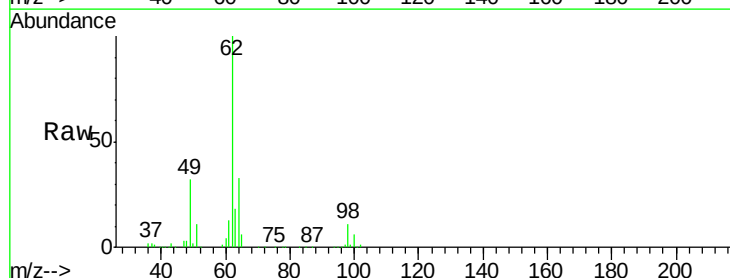
Manual Integrations
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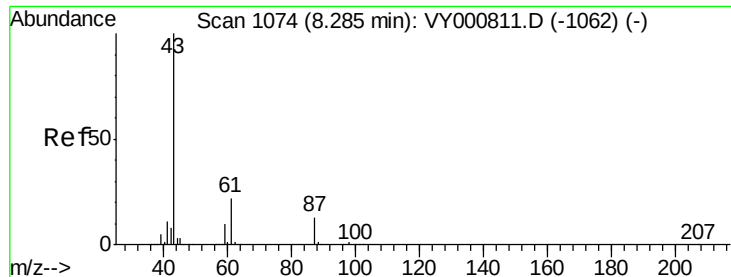
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12/18/2019 1:02:06 PM



#42
1,2-Dichloroethane
Concen: 48.692 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	62	Resp	170197
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





#43

Isopropyl Acetate

Concen: 48.183 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

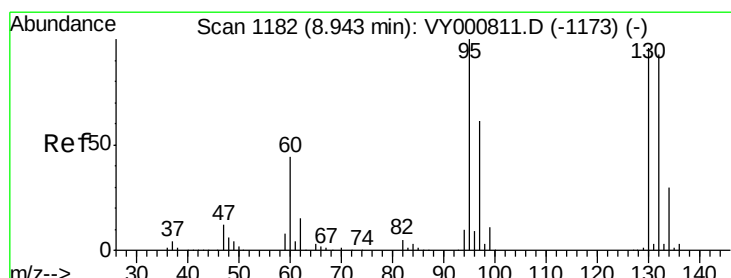
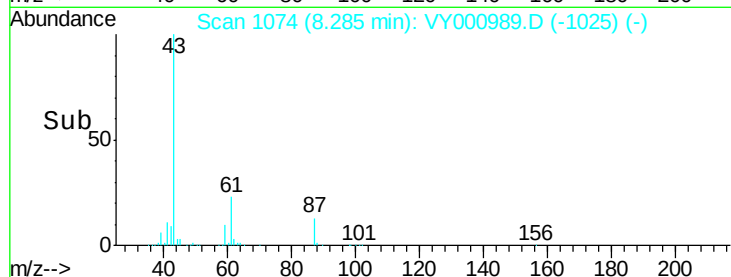
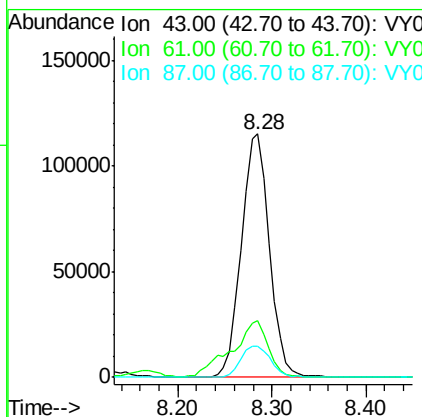
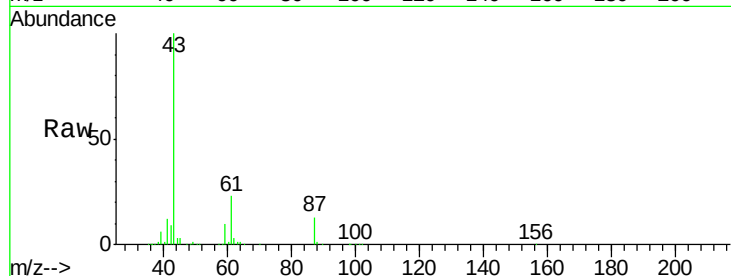
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	239229
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.7	35.5
87	13.7	10.6	15.8

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#44

Trichloroethene

Concen: 49.002 ug/l

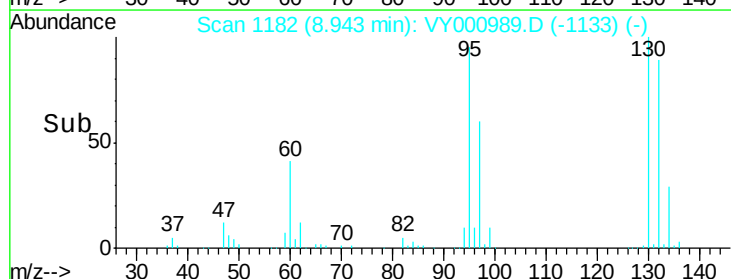
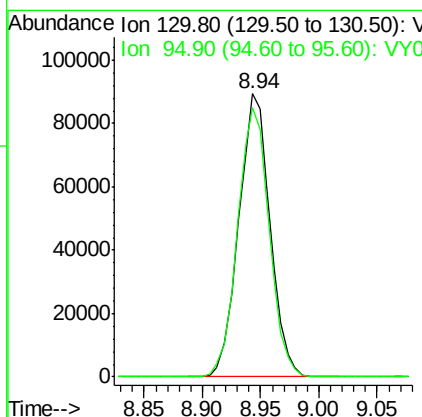
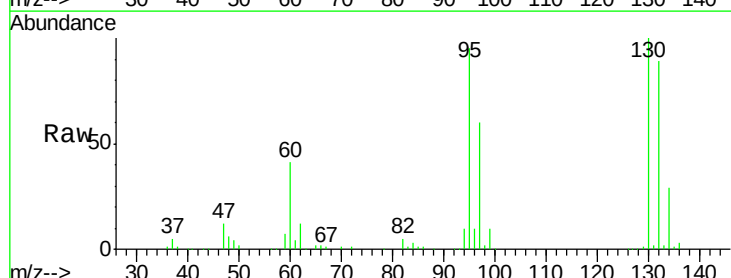
RT: 8.94 min Scan# 1182

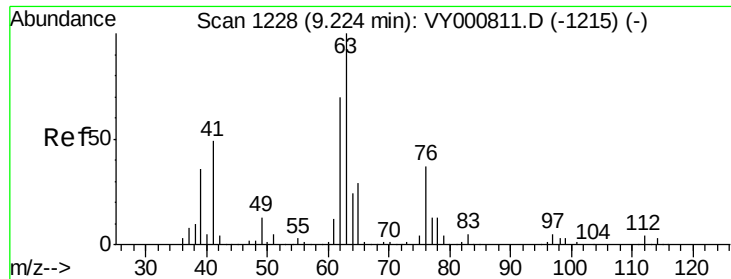
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	130	Resp:	167378
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	207.8





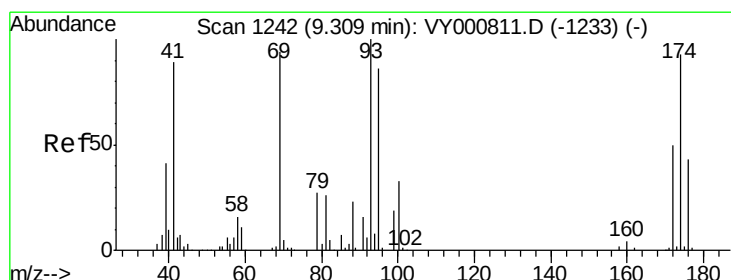
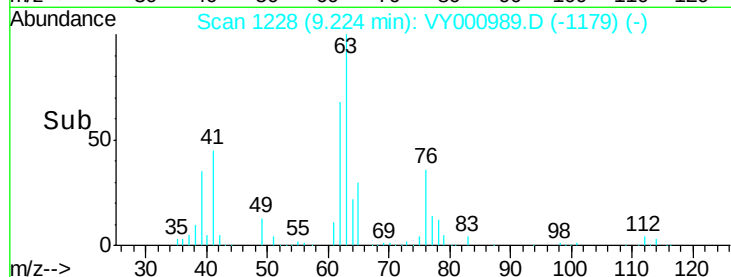
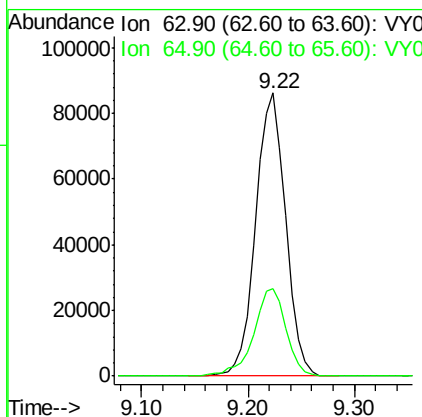
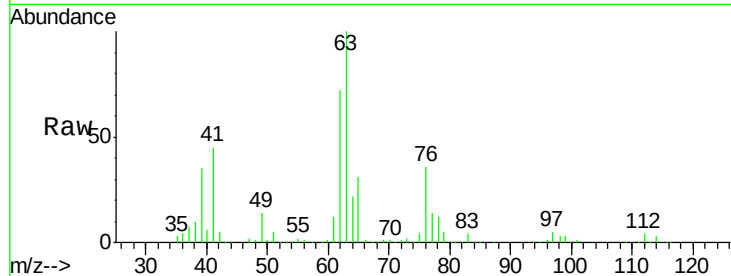
#45
 1,2-Dichloropropane
 Concen: 51.036 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 170381
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.2 34.8

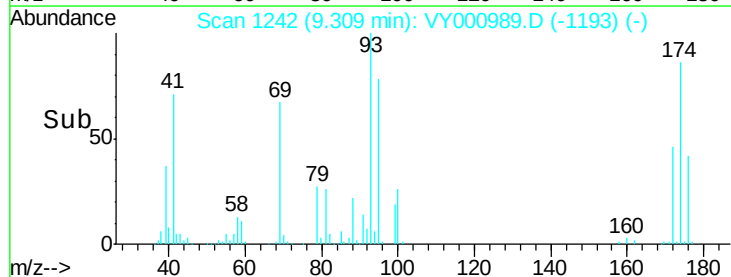
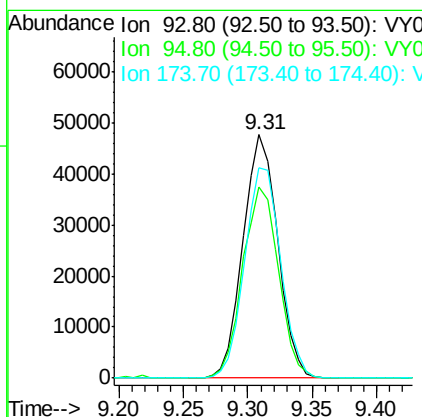
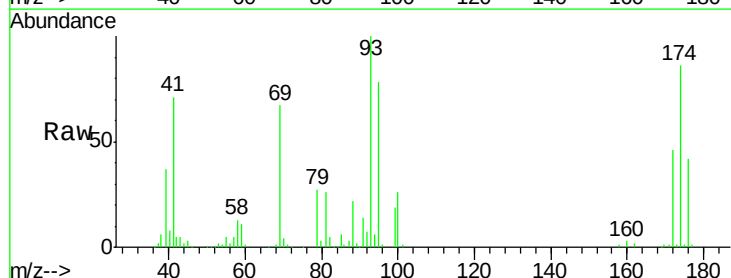
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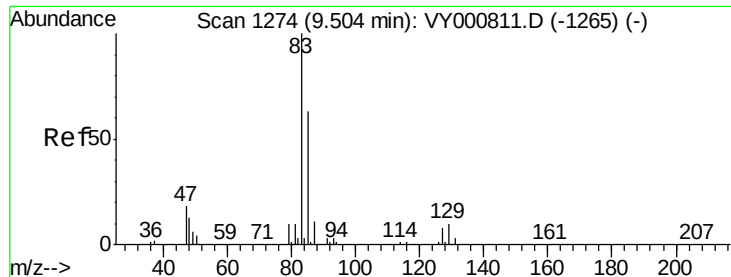
MMDadoda
 12/18/2019 1:02:06 PM



#46
 Dibromomethane
 Concen: 50.920 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion: 93 Resp: 88821
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.4 99.6
 174 89.9 73.0 109.6





#47

Bromodichloromethane

Concen: 49.812 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

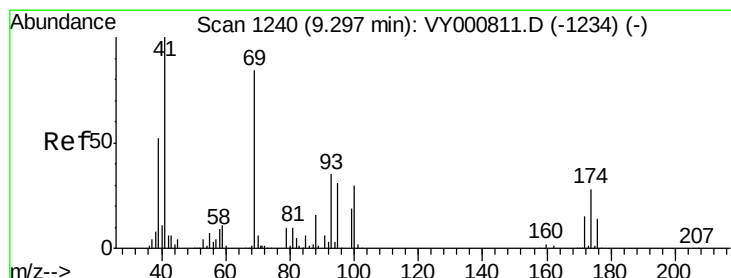
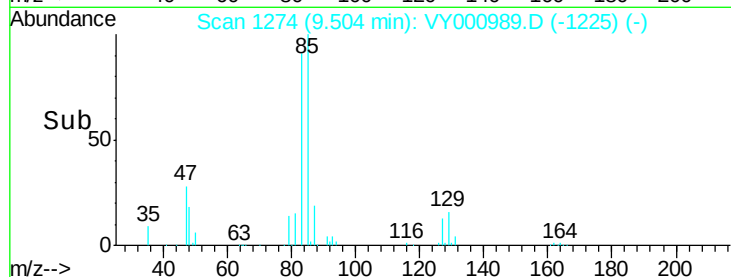
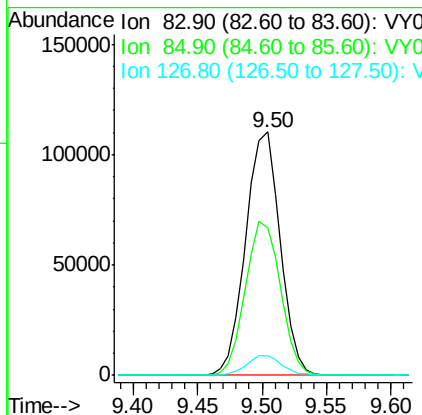
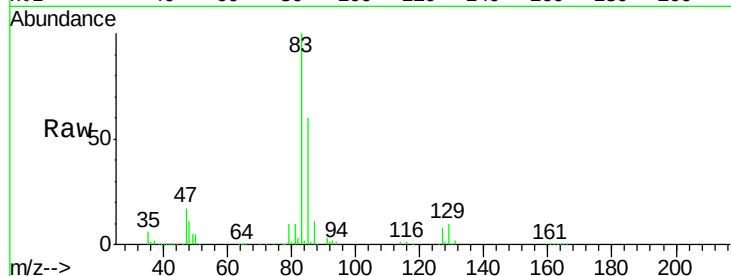
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	204113
Ion Ratio	Lower	Upper	
83	100		
85	60.4	50.8	76.2
127	8.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.983 ug/l

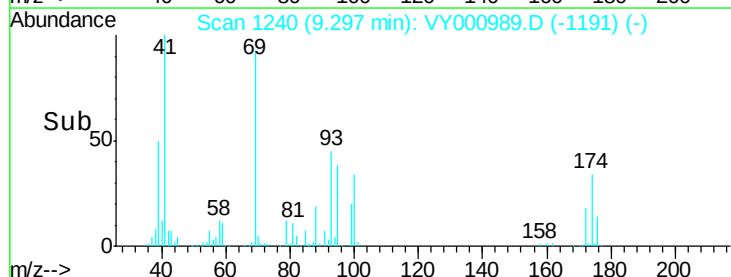
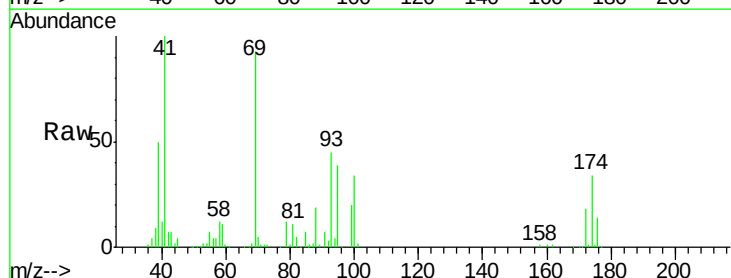
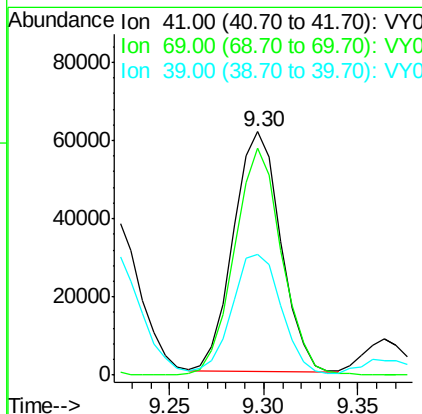
RT: 9.30 min Scan# 1240

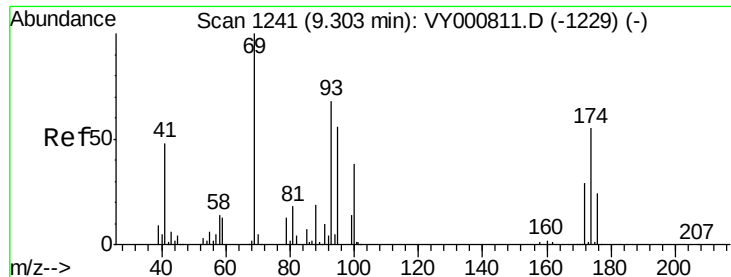
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	41	Resp:	106944
Ion Ratio	Lower	Upper	
41	100		
69	94.5	70.4	105.6
39	53.1	40.9	61.3





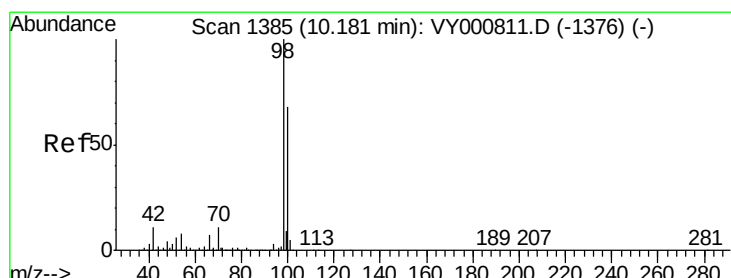
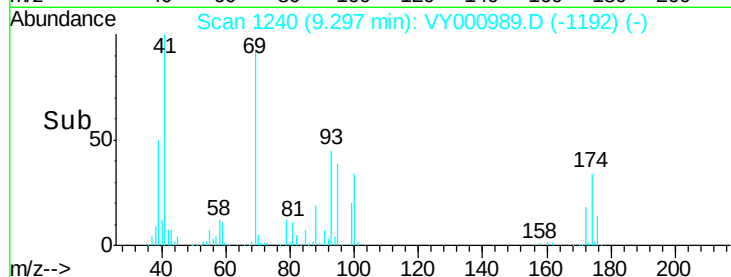
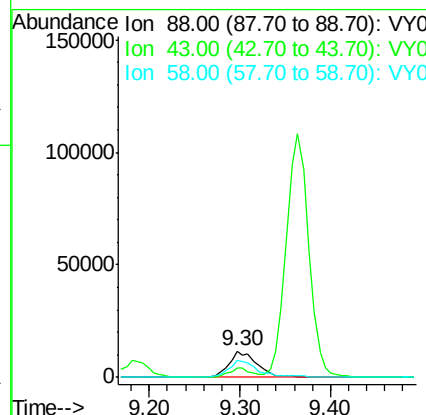
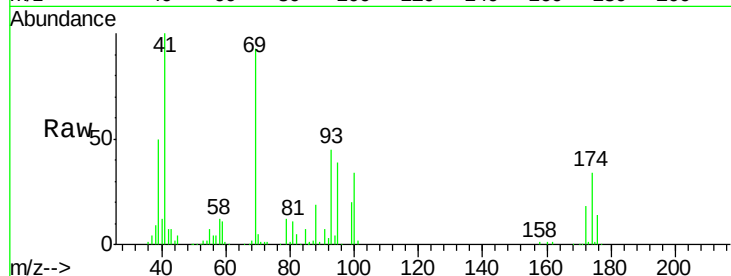
#49
1,4-Dioxane
Concen: 1036.595 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	27.5	21.1	31.7	
58	65.4	50.7	76.1	

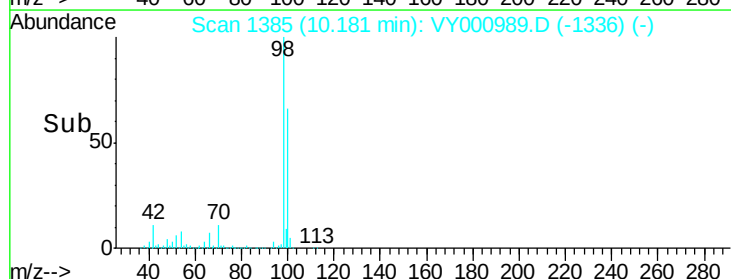
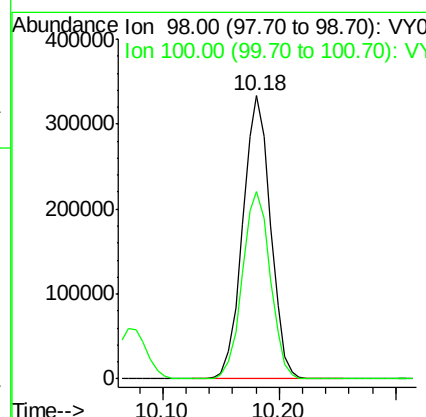
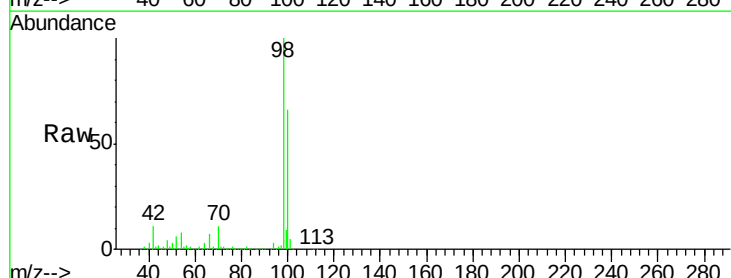
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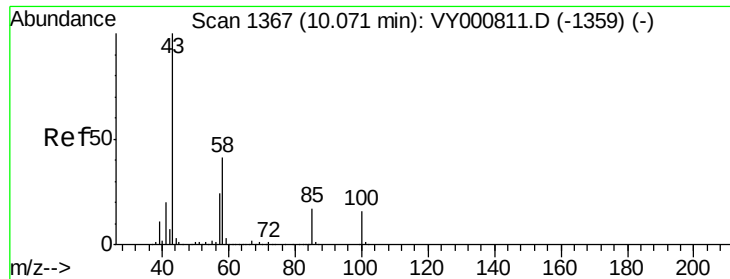
MMDadoda
12/18/2019 1:02:06 PM



#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.6	53.1	79.7	





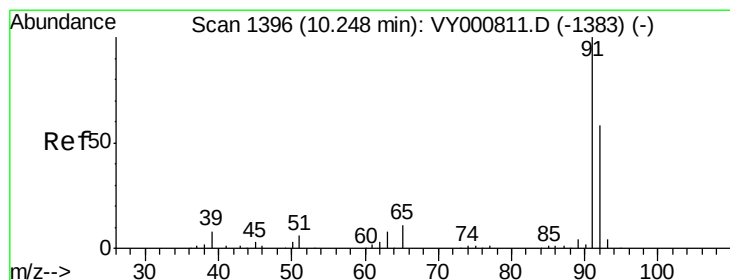
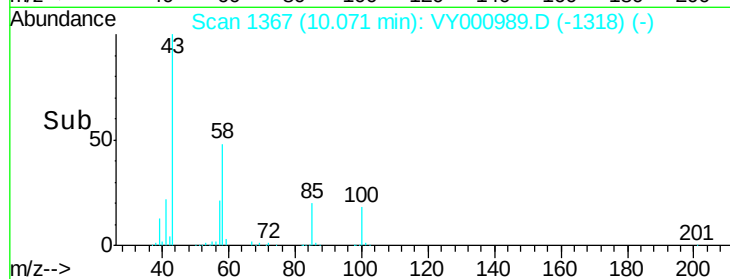
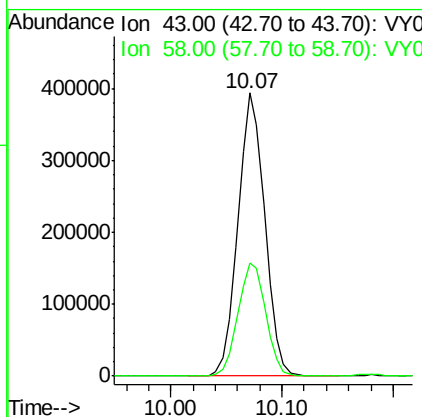
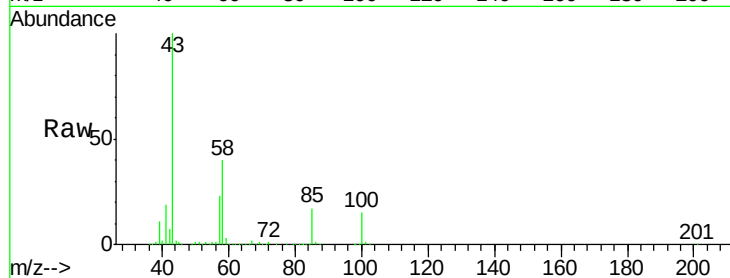
#51
4-Methyl-2-Pentanone
Concen: 255.244 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 654775
Ion Ratio Lower Upper
43 100
58 41.3 33.1 49.7

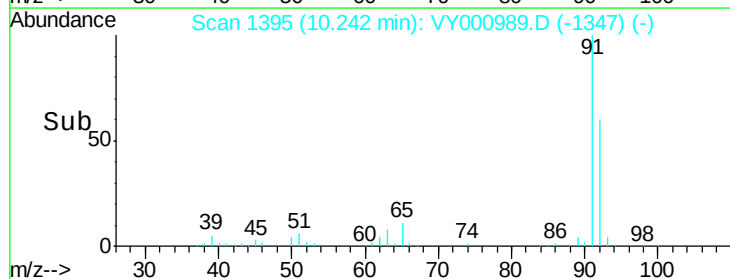
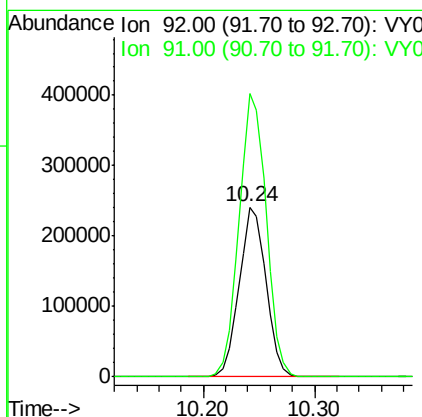
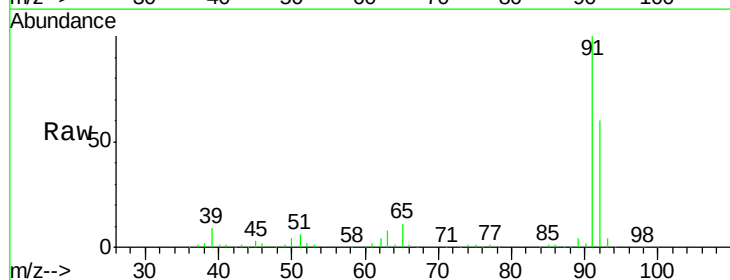
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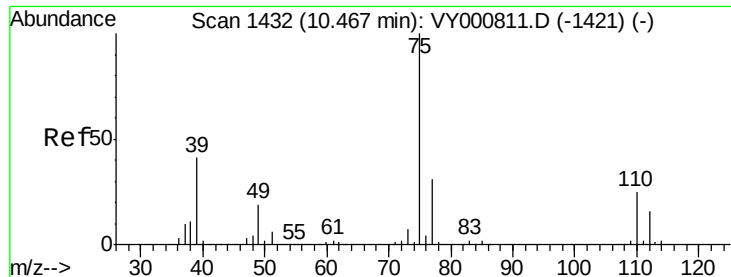
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12/18/2019 1:02:06 PM



#52
Toluene
Concen: 48.902 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion: 92 Resp: 402426
Ion Ratio Lower Upper
92 100
91 168.7 136.6 204.8





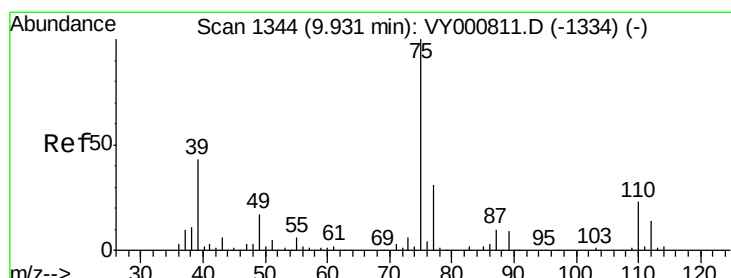
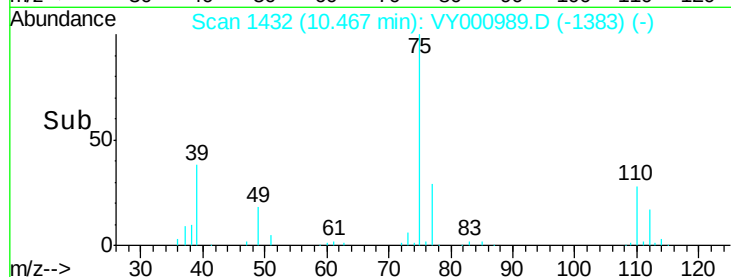
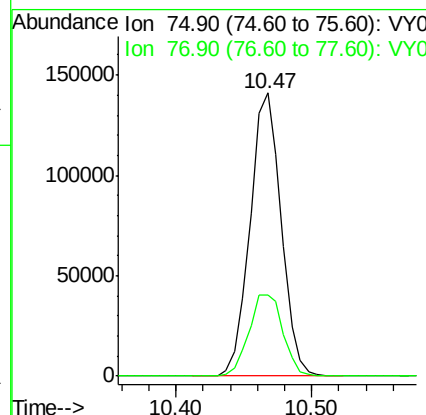
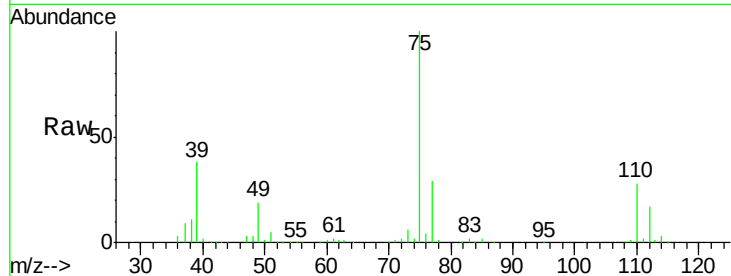
#53
t-1,3-Dichloropropene
Concen: 51.453 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 226518
Ion Ratio Lower Upper
75 100
77 28.7 25.1 37.7

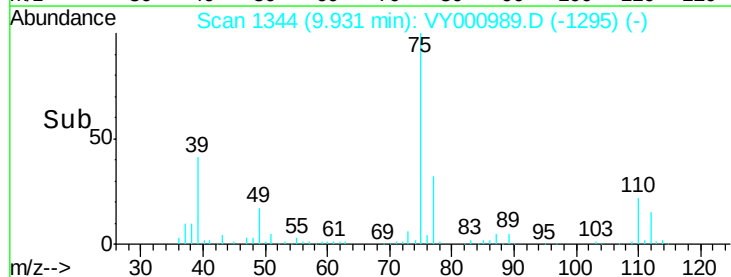
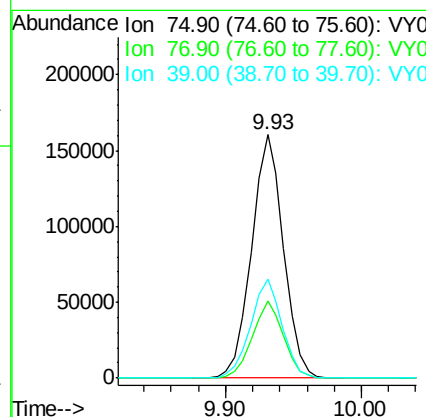
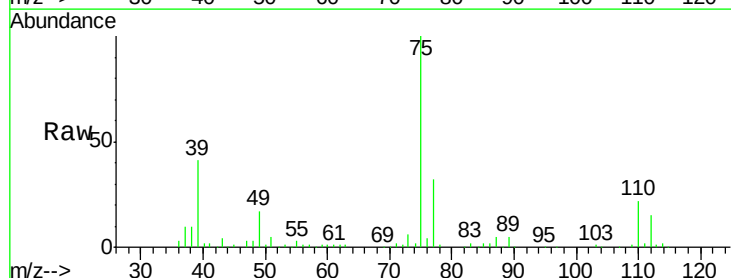
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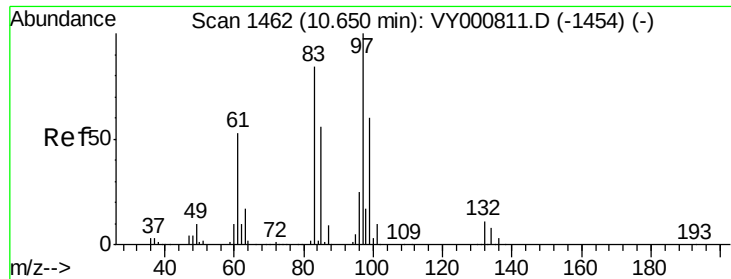
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.525 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion: 75 Resp: 262914
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 40.6 34.5 51.7





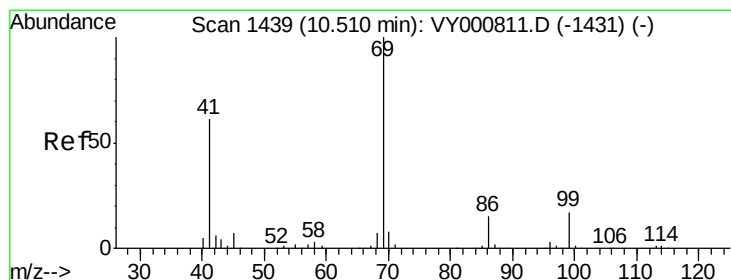
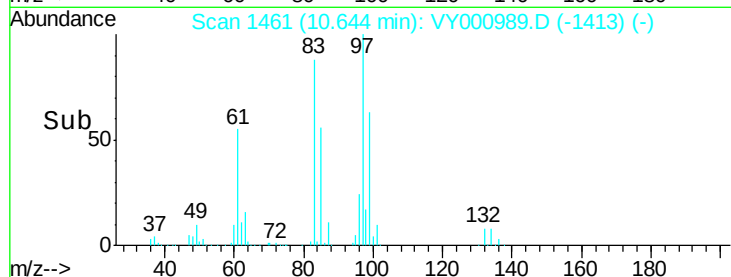
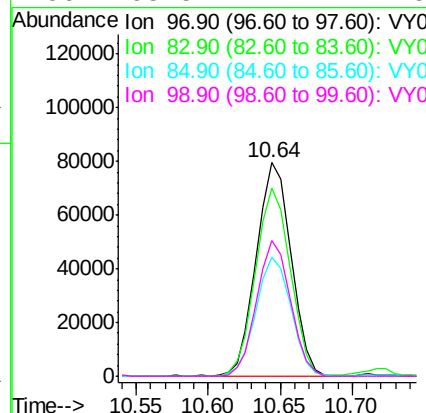
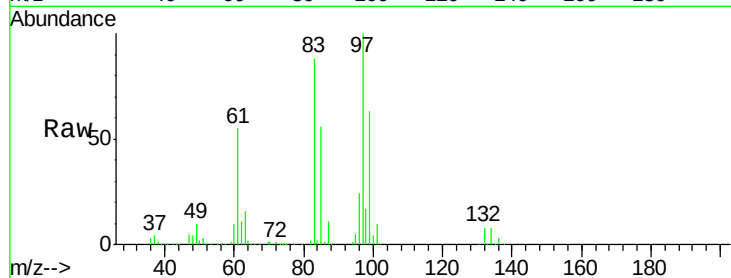
#55
 1,1,2-Trichloroethane
 Concen: 51.689 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		133209		
83	88.2	67.5	101.3		
85	55.5	44.5	66.7		
99	63.5	47.7	71.5		

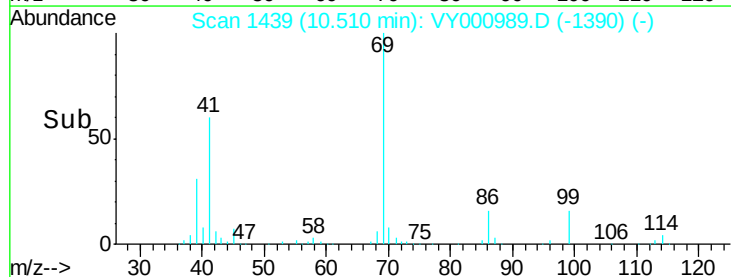
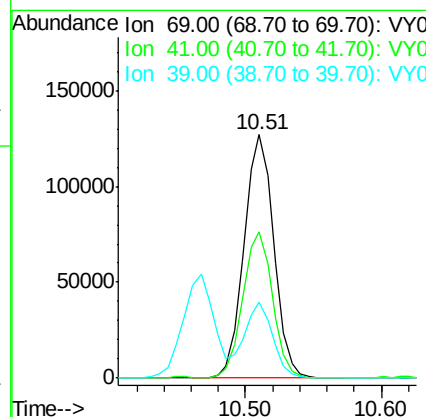
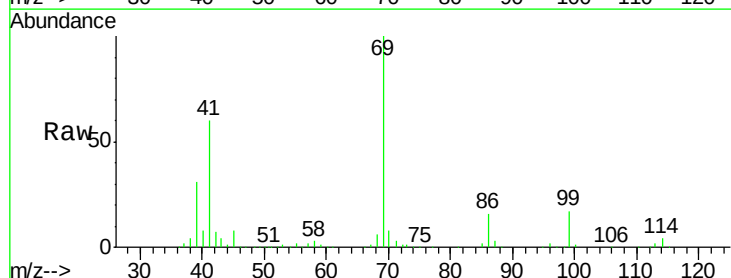
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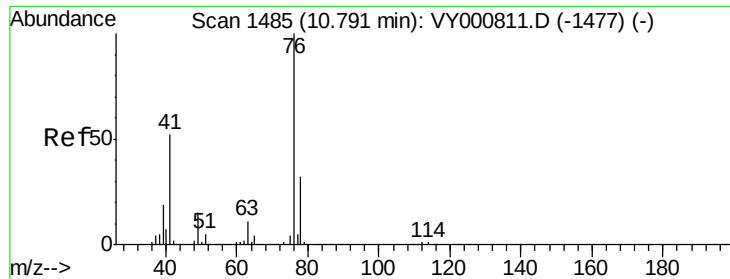
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#56
 Ethyl methacrylate
 Concen: 52.678 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		194205		
41	59.5	49.0	73.6		
39	30.4	23.1	34.7		





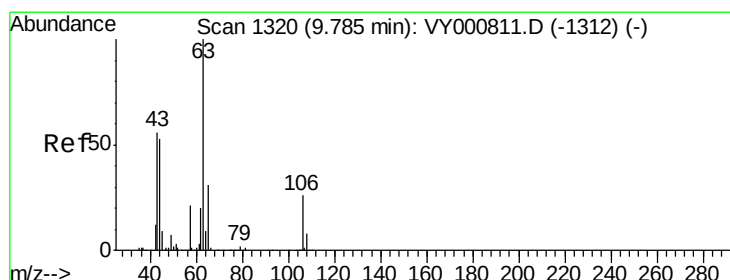
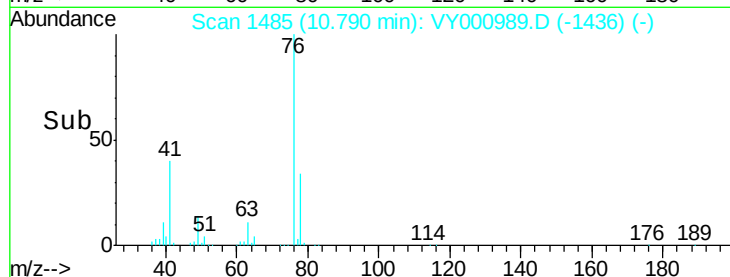
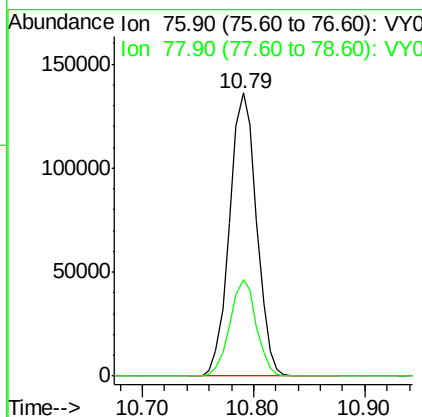
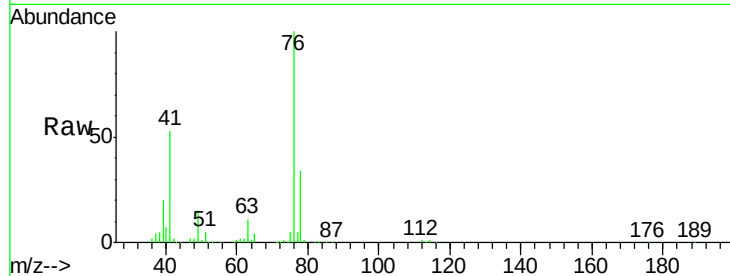
#57
 1,3-Dichloropropane
 Concen: 50.830 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 228307
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.4 39.6

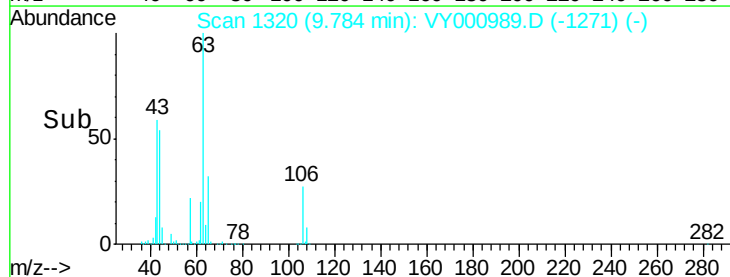
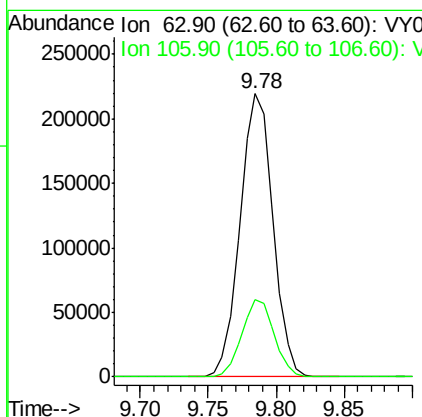
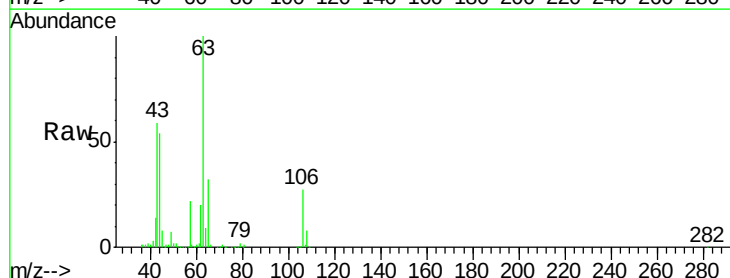
Manual Integrations
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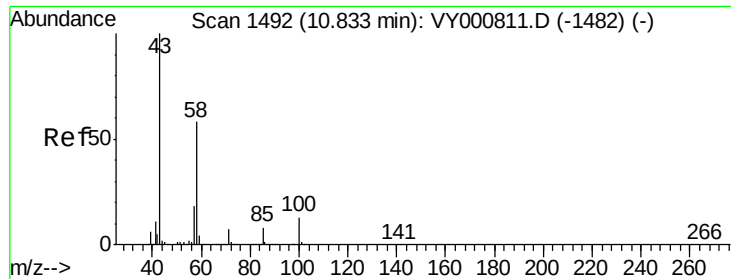
MMDadoda
 12/18/2019 1:02:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.931 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion: 63 Resp: 370035
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.5 32.3





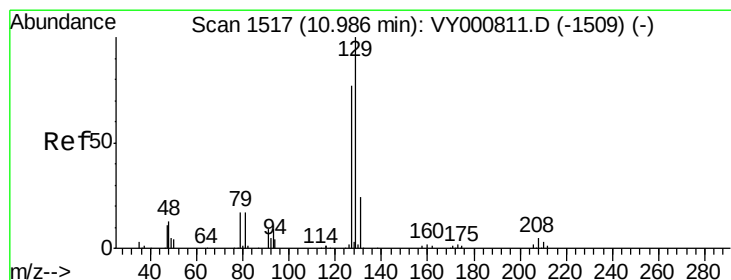
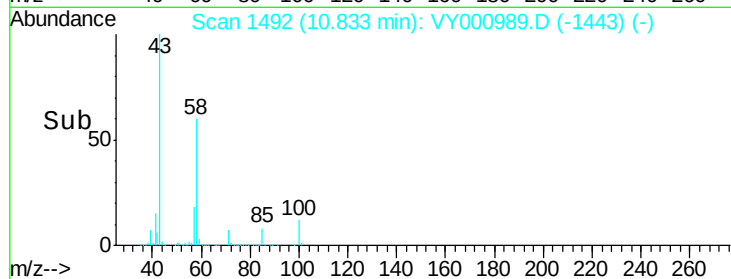
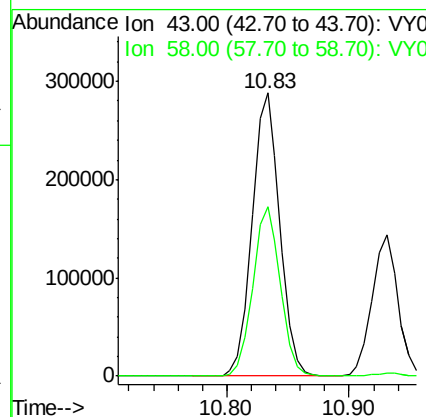
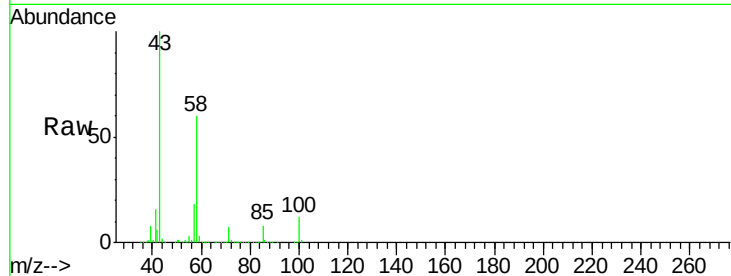
#59
2-Hexanone
Concen: 242.250 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.6	29.0	87.1

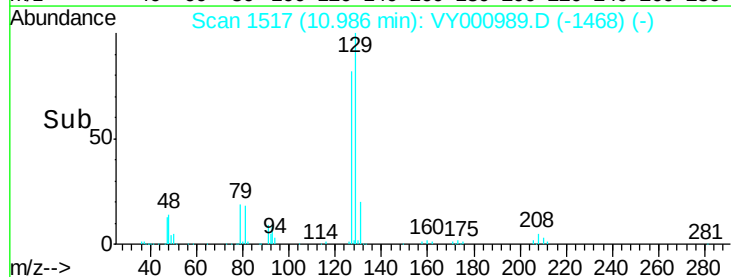
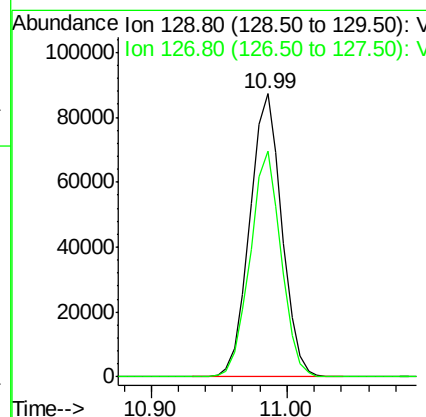
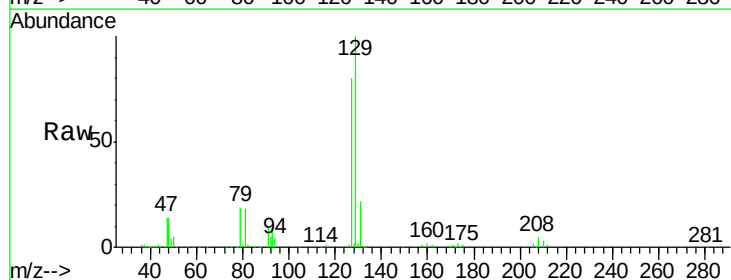
Manual Integrations
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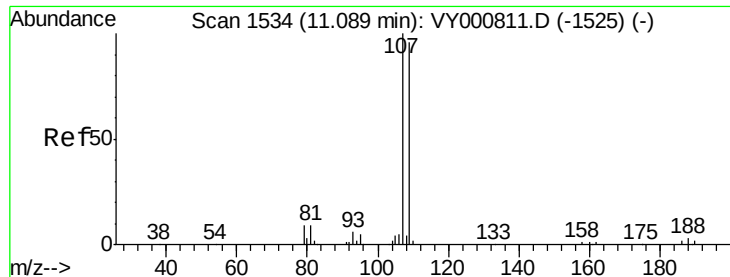
MMDadoda
12/18/2019 1:02:06 PM



#60
Dibromochloromethane
Concen: 51.855 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.2





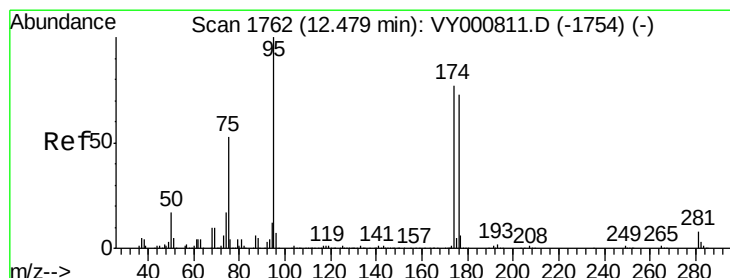
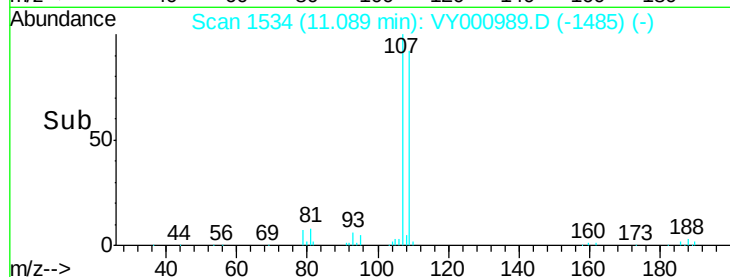
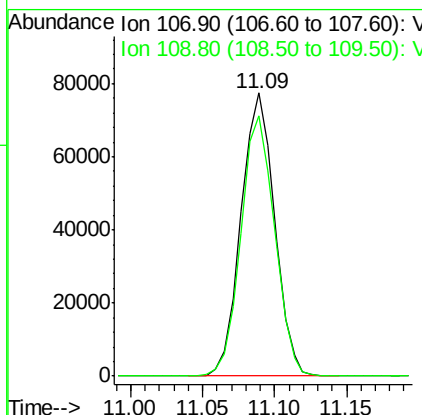
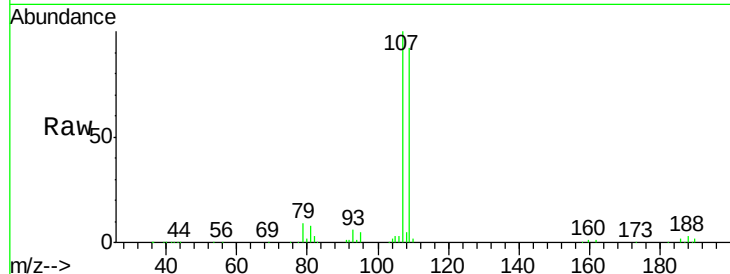
#61
 1,2-Dibromoethane
 Concen: 51.436 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.9	113.9

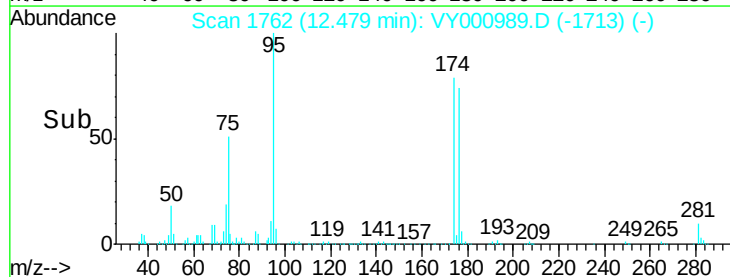
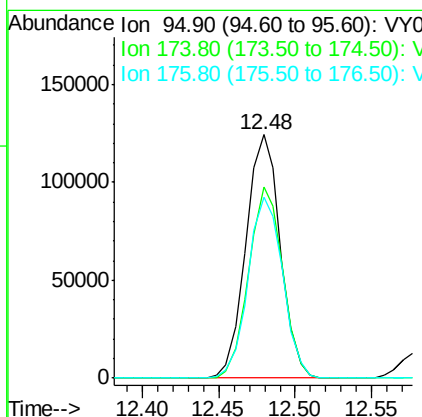
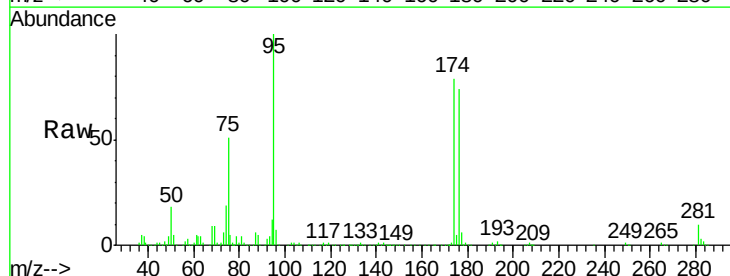
Manual Integrations
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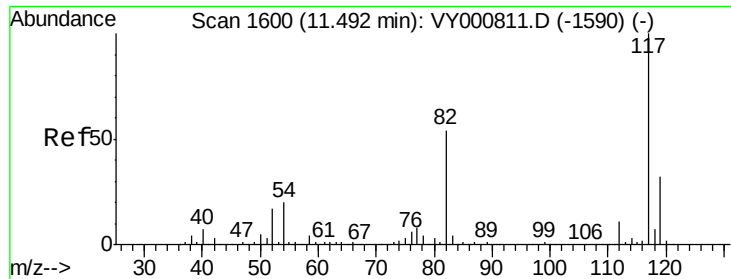
MMDadoda
 12/18/2019 1:02:06 PM



#62
 4-Bromofluorobenzene
 Concen: 48.251 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	150.6
176	75.0	0.0	145.2





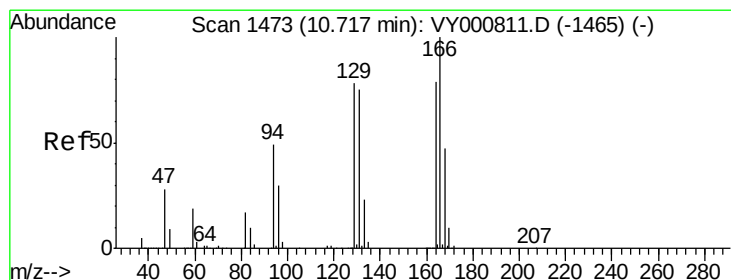
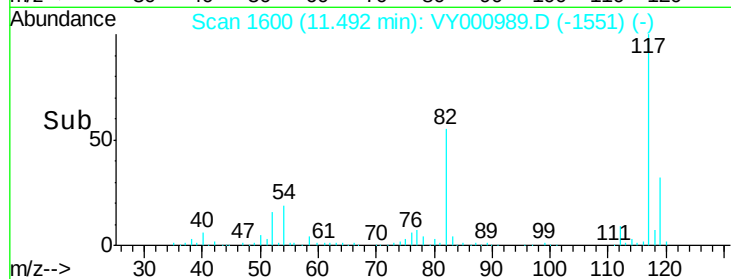
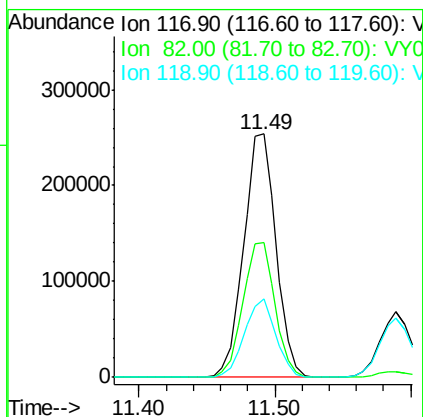
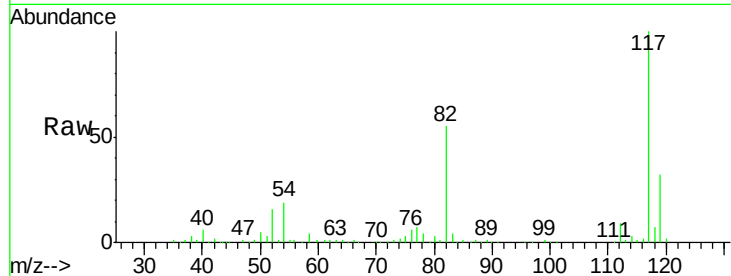
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.1	64.7
119	32.5	25.3	37.9

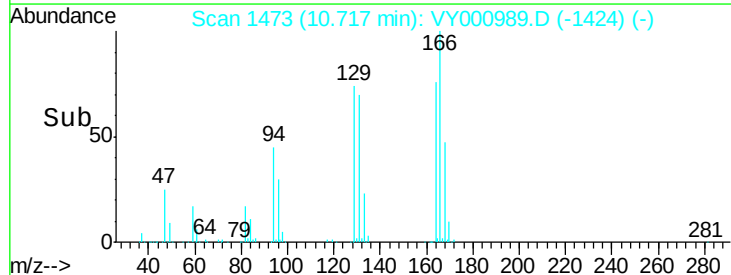
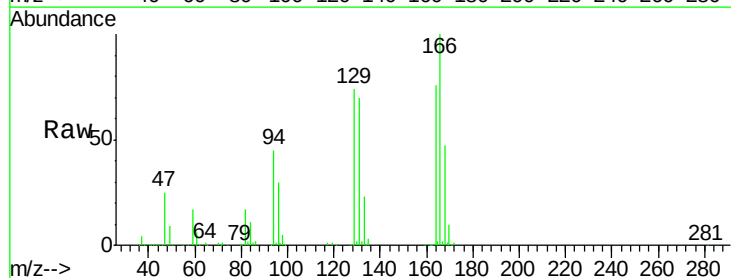
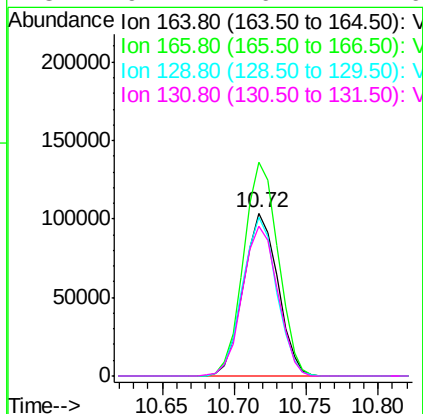
Manual Integrations
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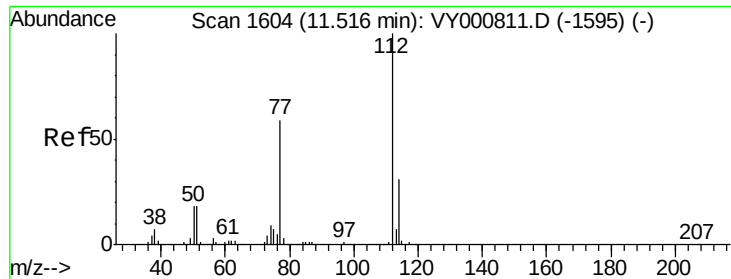
MMDadoda
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#64
Tetrachloroethene
Concen: 47.054 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.8	152.8
129	97.6	79.3	118.9
131	92.1	76.4	114.6





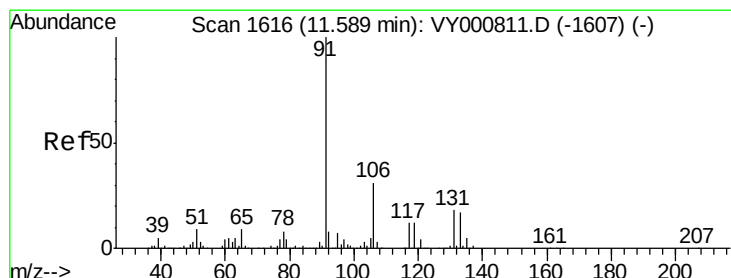
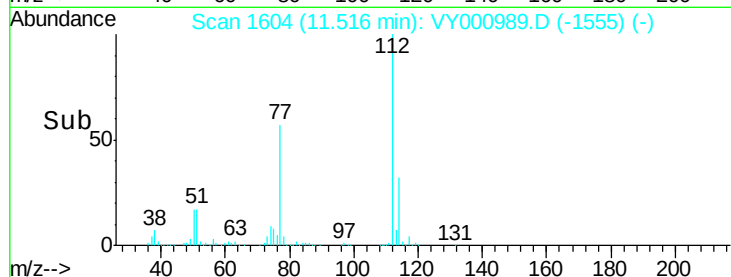
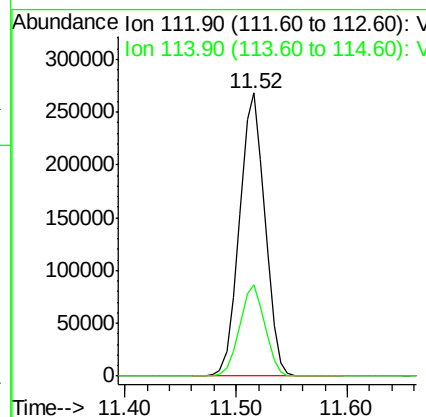
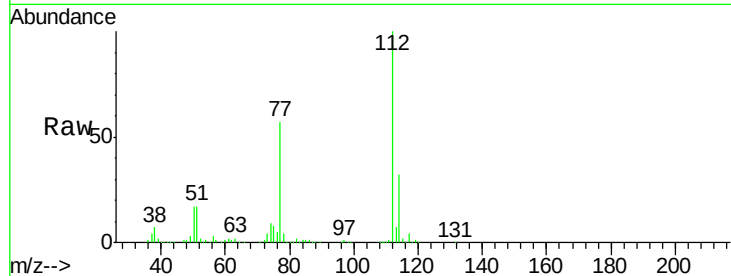
#65
Chlorobenzene
Concen: 48.344 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 422588
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

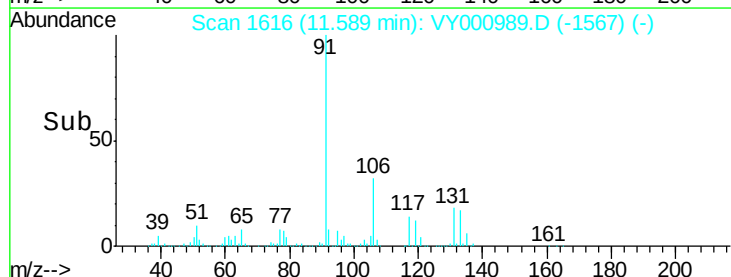
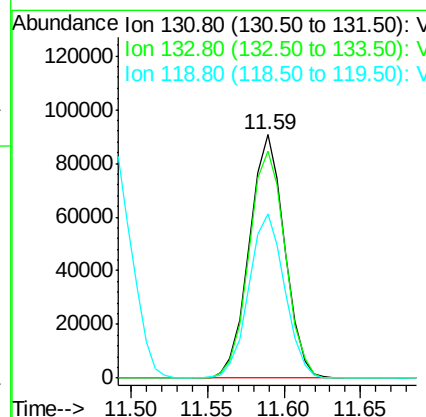
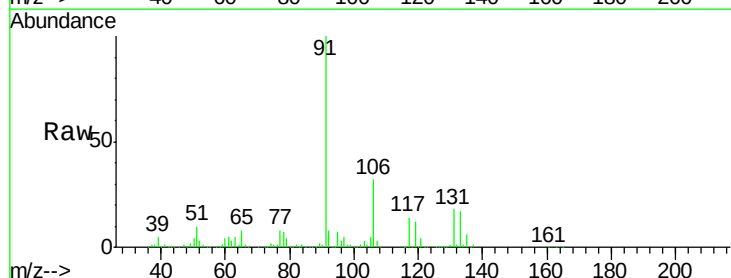
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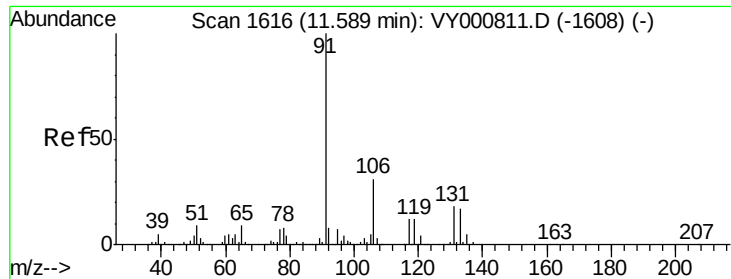
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12/18/2019 1:02:06 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.224 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion:131 Resp: 145006
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 68.7 33.8 101.3





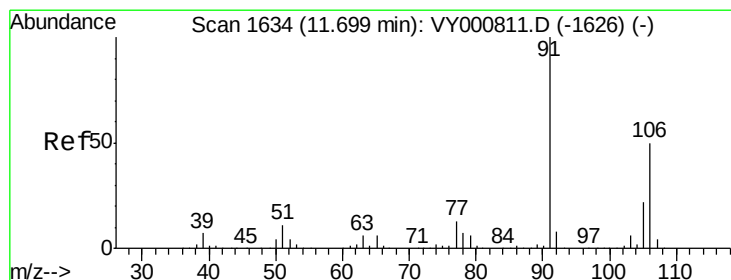
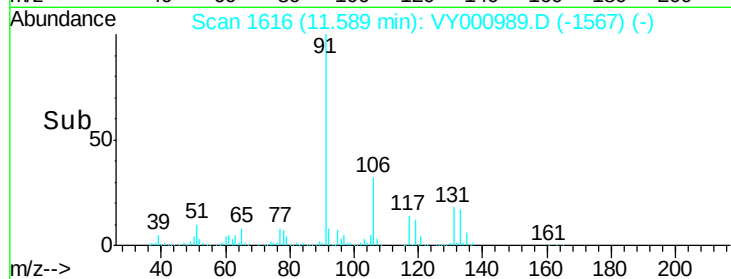
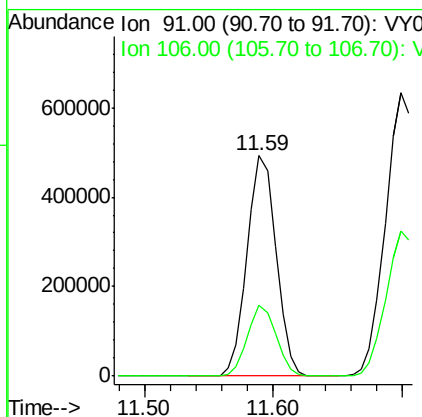
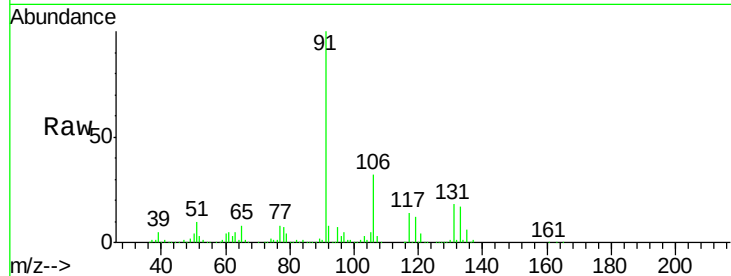
#67
Ethyl Benzene
Concen: 46.973 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.4	36.6

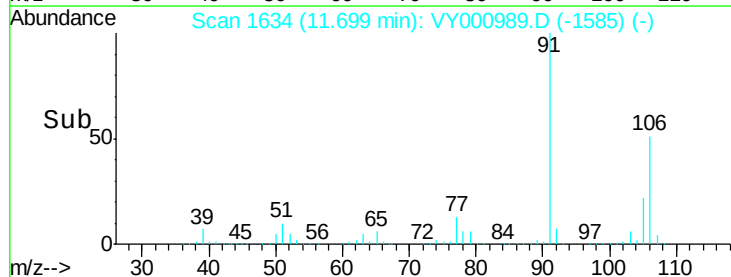
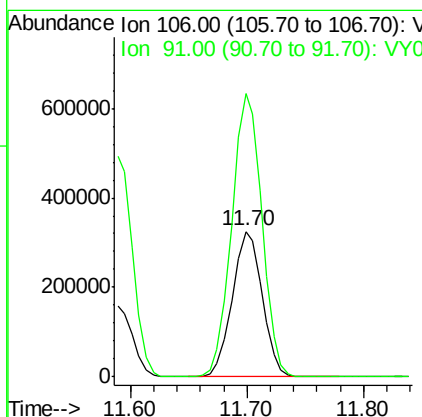
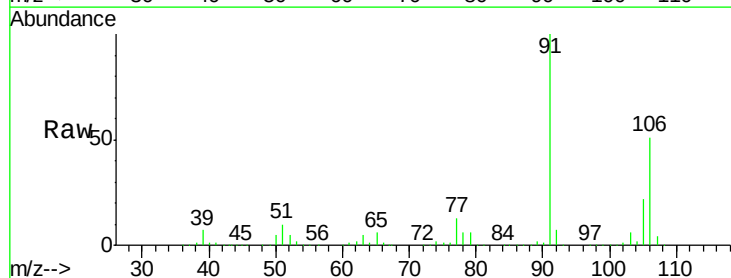
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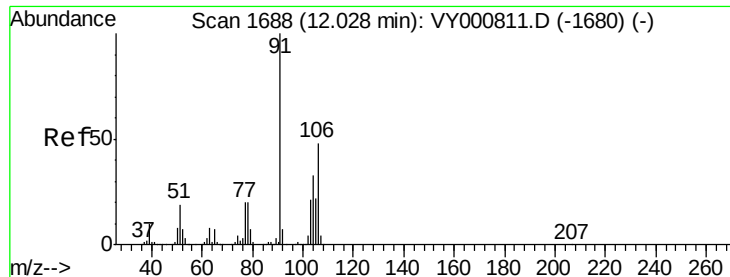
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12/18/2019 1:02:06 PM



#68
m/p-Xylenes
Concen: 95.306 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.2	159.6	239.4





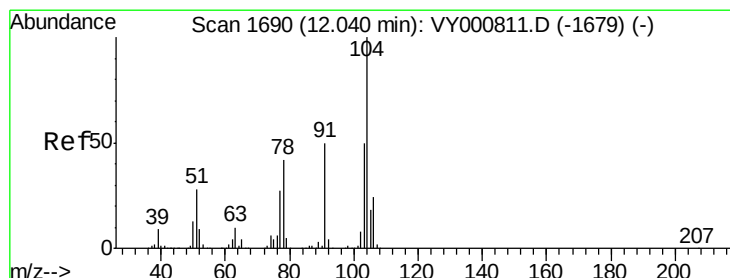
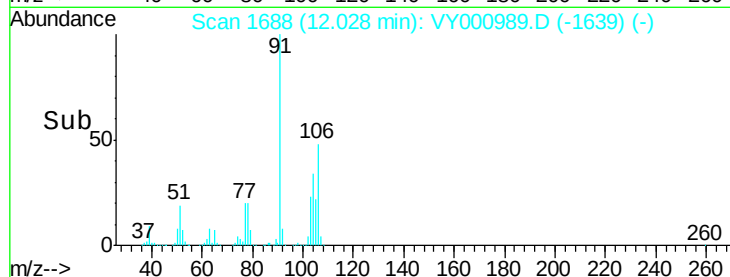
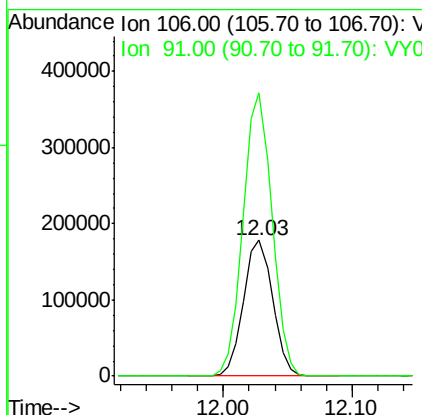
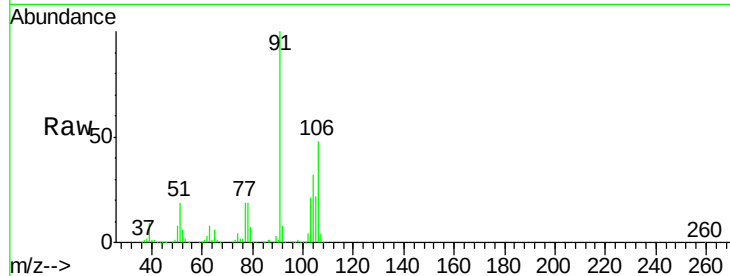
#69
o-Xylene
Concen: 48.994 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		279139		
91	206.3	106.1	318.1		

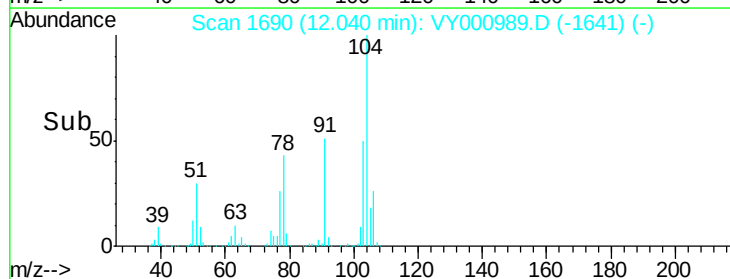
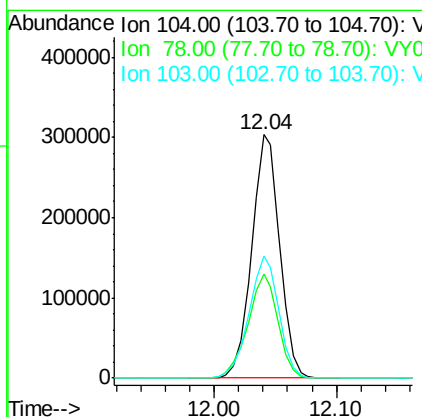
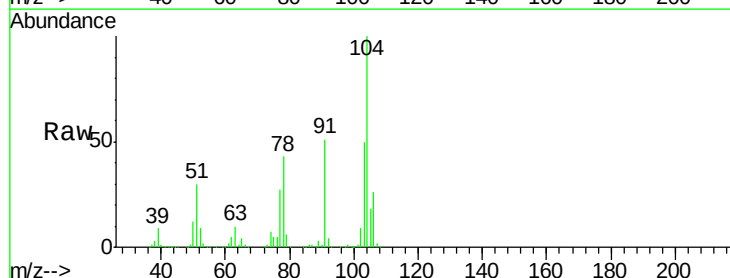
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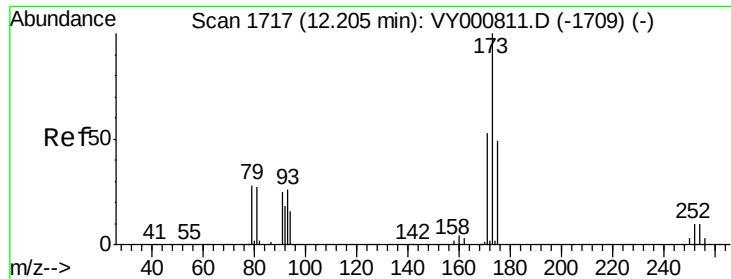
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#70
Styrene
Concen: 49.364 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		481572		
78	45.8	38.2	57.4		
103	53.6	43.4	65.0		





#71

Bromoform

Concen: 50.400 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 83737

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

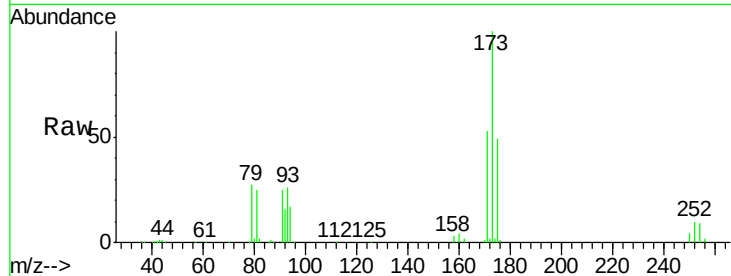
254 0.0 0.0 0.0

Manual Integrations

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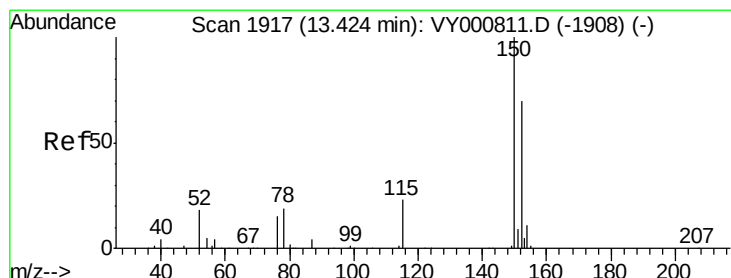
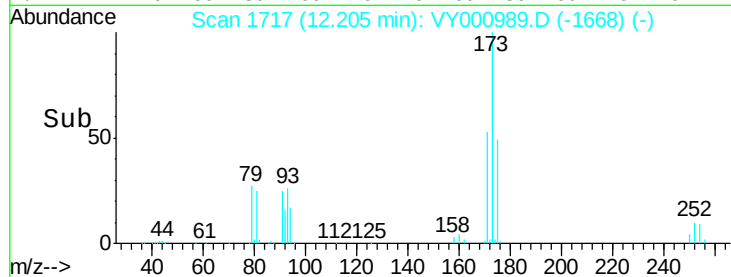
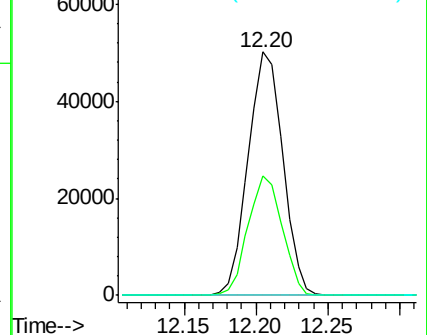
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

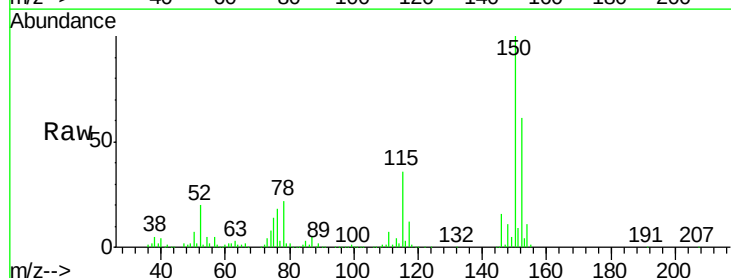
Tgt Ion:152 Resp: 194196

Ion Ratio Lower Upper

152 100

115 59.2 29.3 87.8

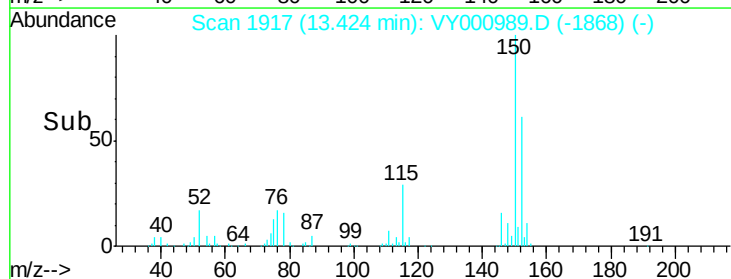
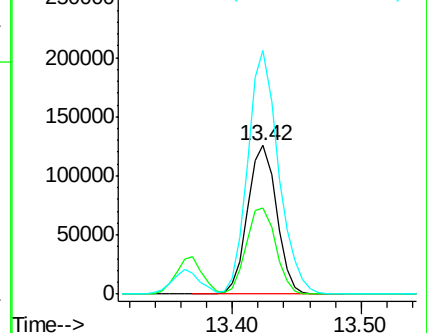
150 174.2 0.0 351.2

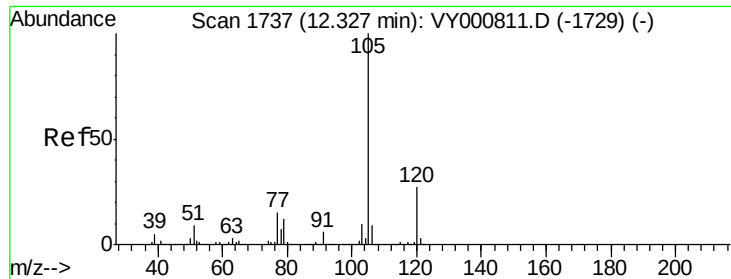


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.212 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 730000

Ion Ratio Lower Upper

105 100

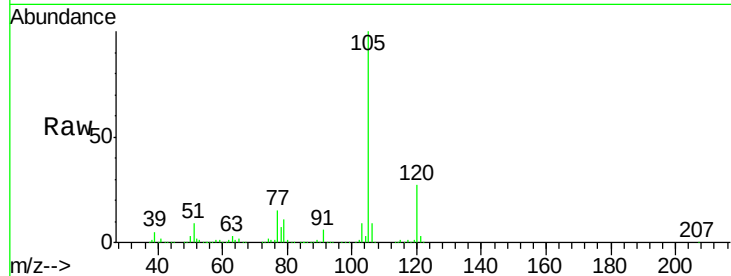
120 27.2 13.4 40.2

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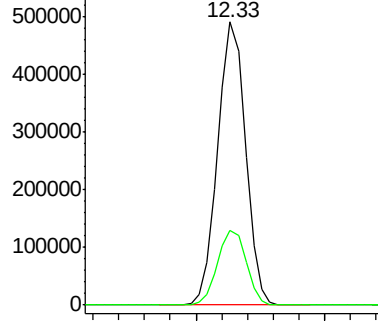
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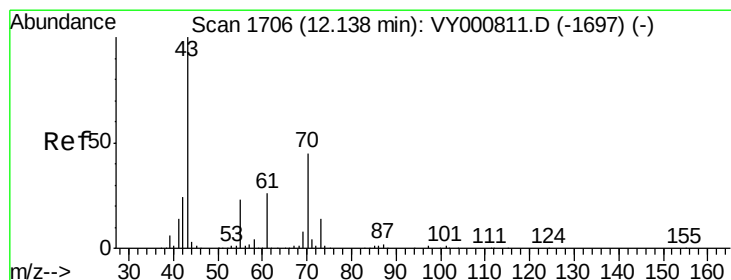
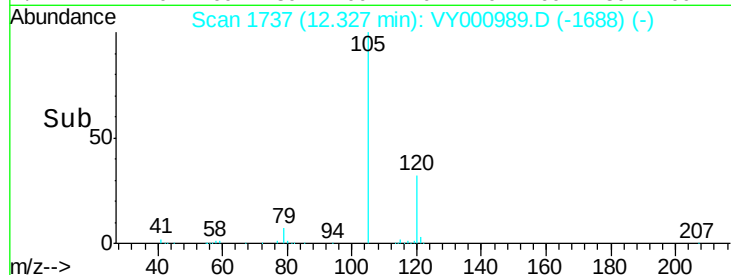


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 49.024 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion: 43 Resp: 210986

Ion Ratio Lower Upper

43 100

70 46.5 36.6 54.8

55 24.4 18.8 28.2

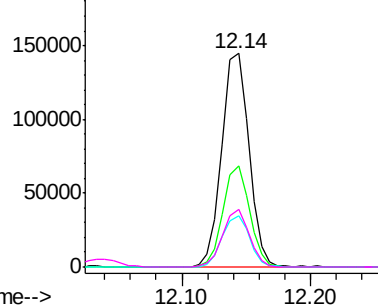
61 26.1 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

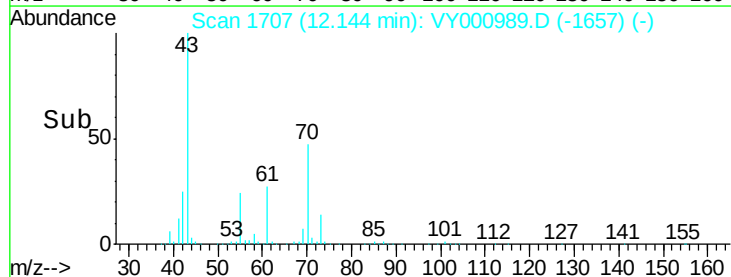
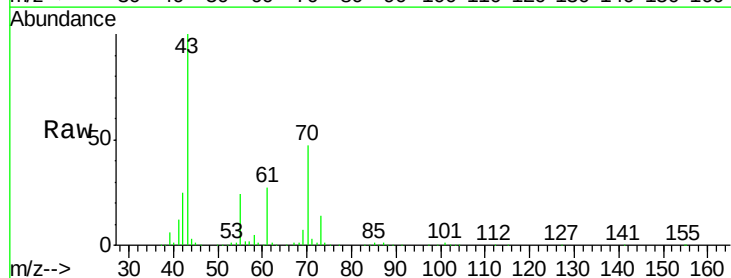
Ion 70.00 (69.70 to 70.70): VY0

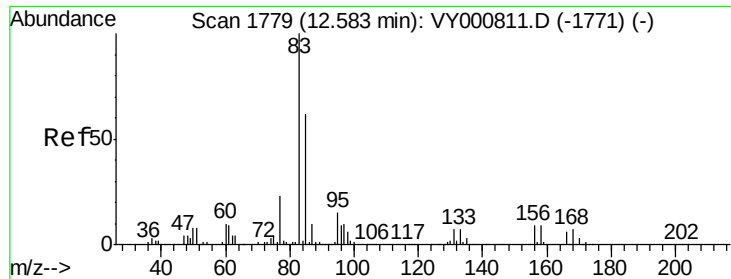
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.990 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

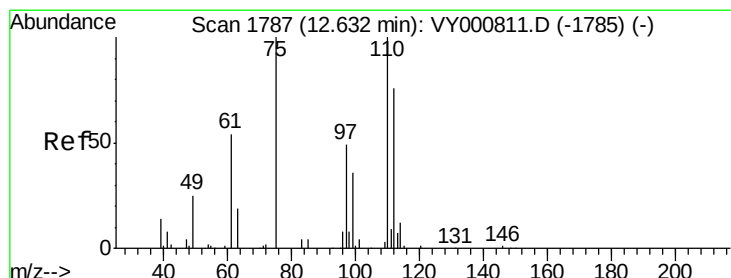
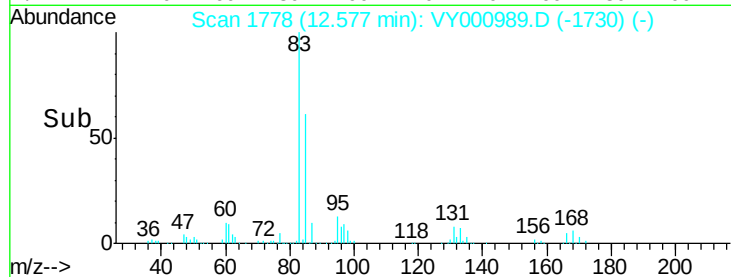
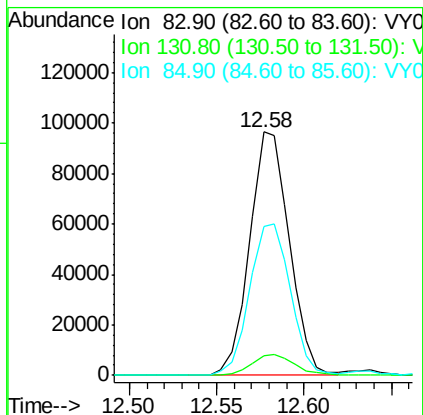
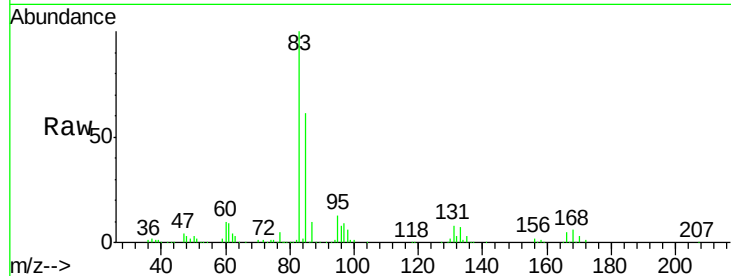
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	152301
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.3	13.1
85	63.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 59.557 ug/l m

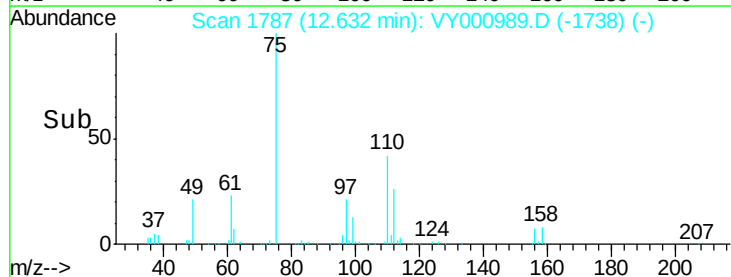
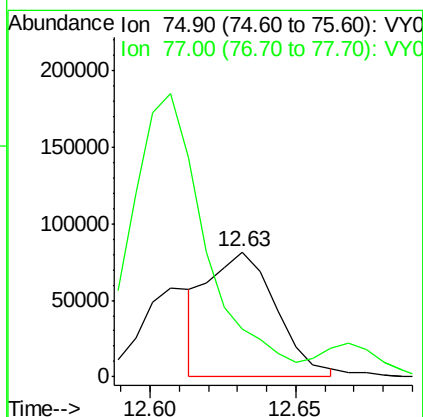
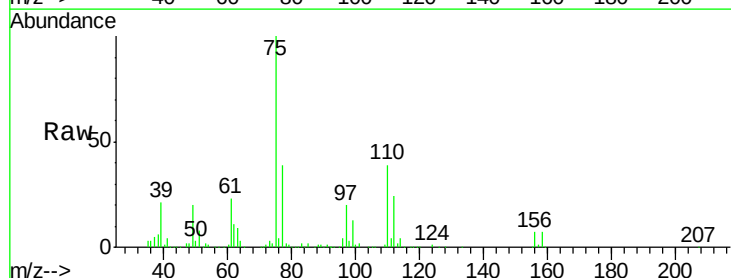
RT: 12.63 min Scan# 1787

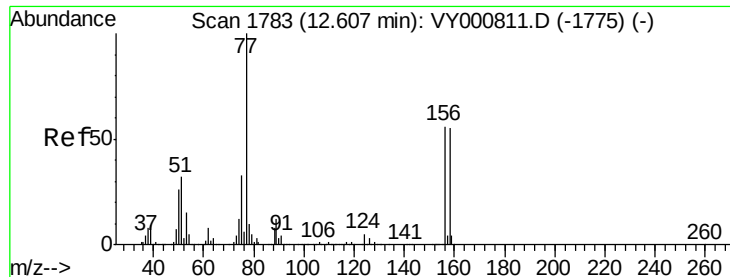
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	75	Resp:	131039
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





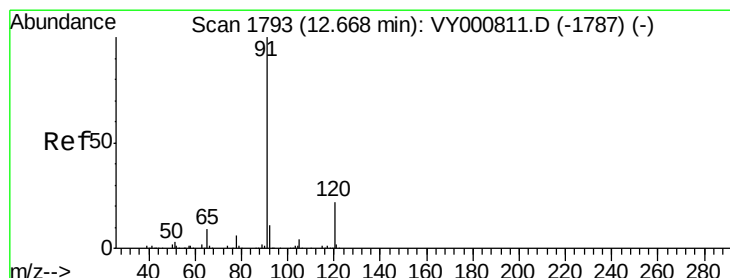
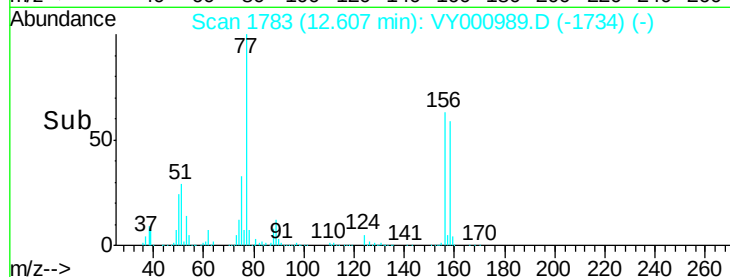
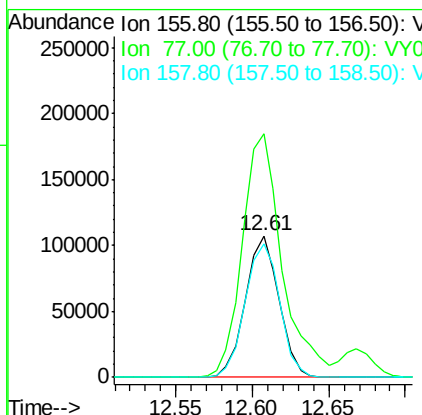
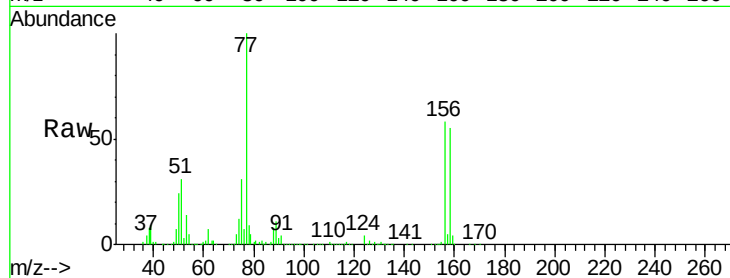
#77
Bromobenzene
Concen: 48.931 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	203.1	102.6	307.7
158	97.2	47.6	142.8

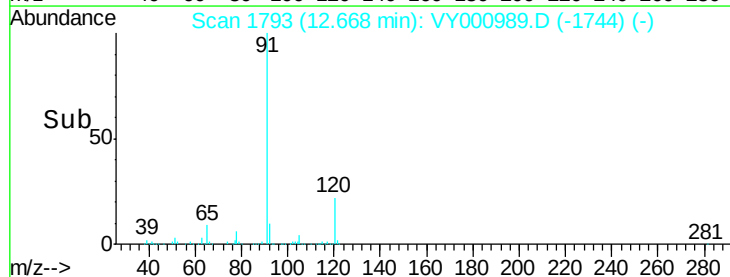
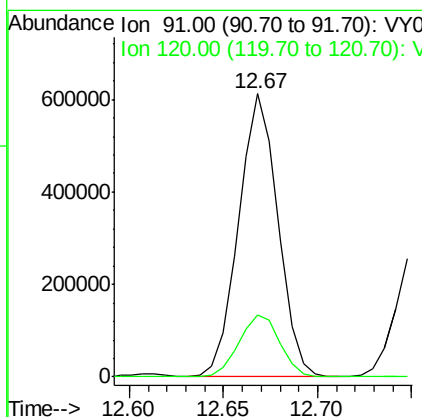
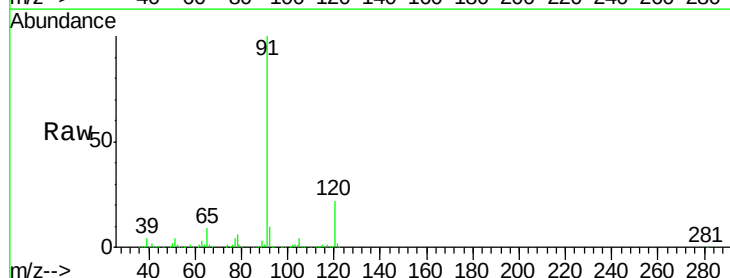
Manual Integrations
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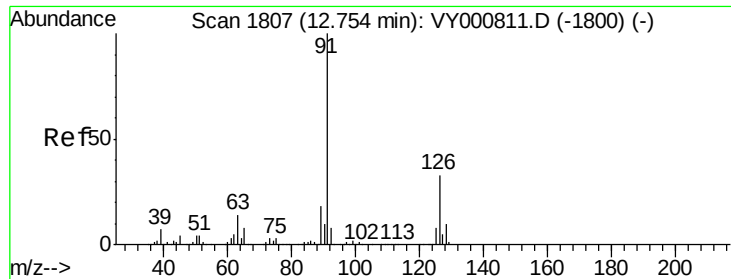
MMDadoda
12/18/2019 1:02:06 PM



#78
n-propylbenzene
Concen: 46.760 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 47.136 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 491635

Ion Ratio Lower Upper

91 100

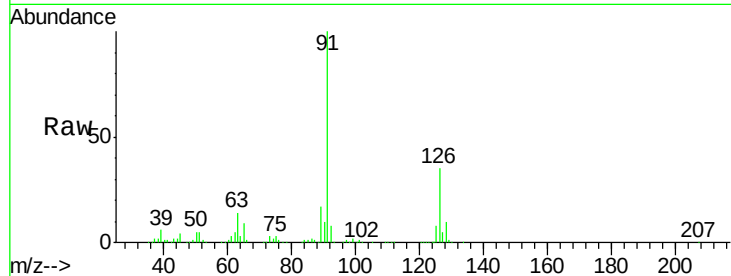
126 34.3 17.0 51.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

600000

500000

400000

300000

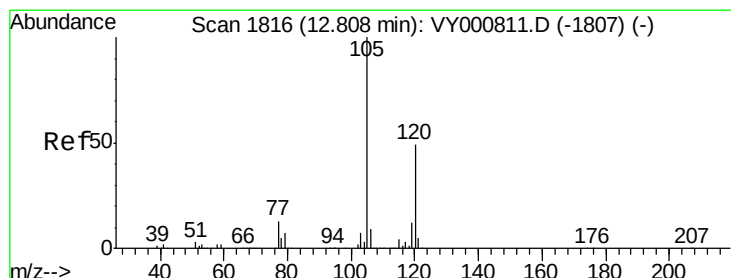
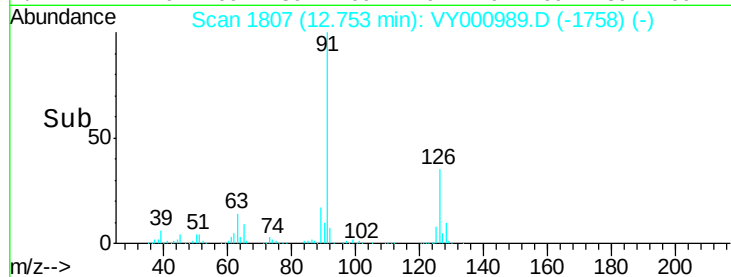
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.972 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000989.D

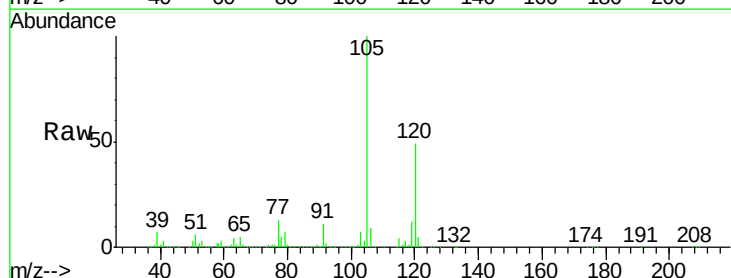
Acq: 17 Dec 2019 19:09

Tgt Ion: 105 Resp: 601358

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

400000

300000

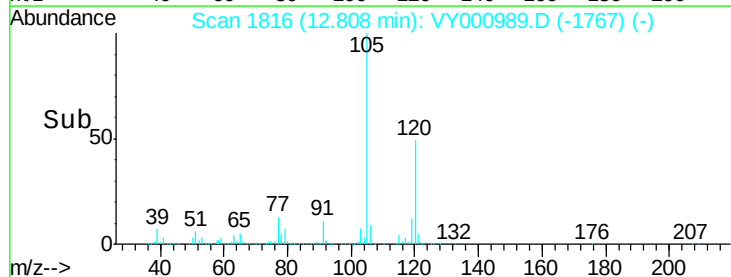
200000

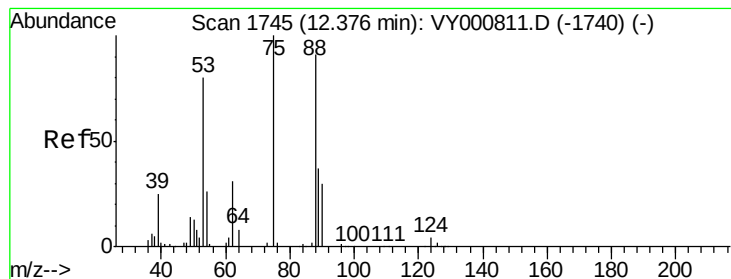
100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.848 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

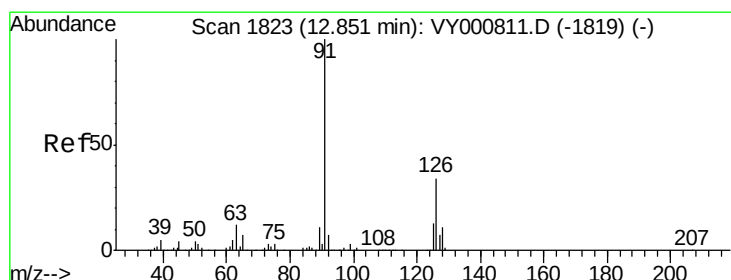
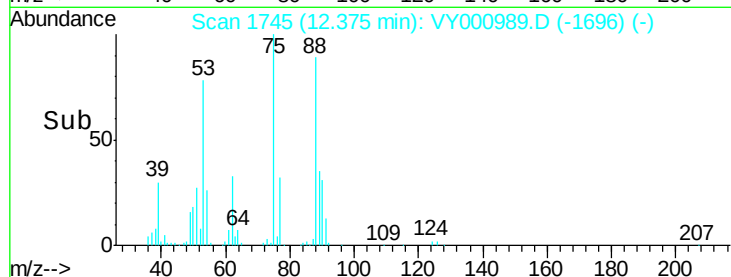
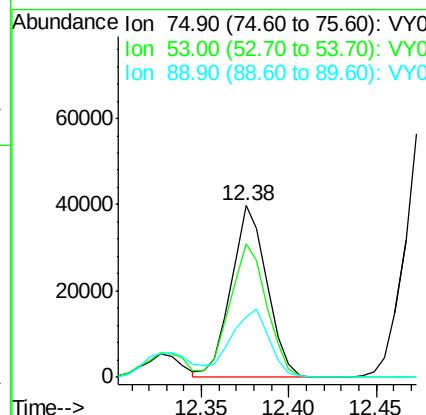
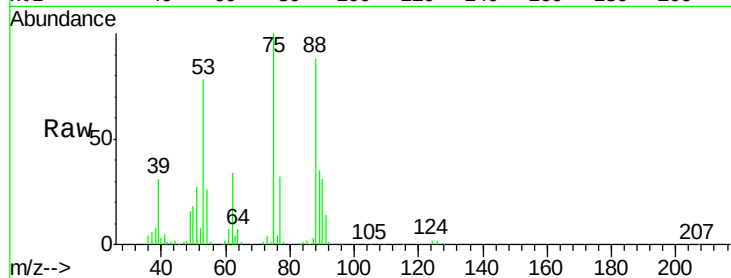
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	56955
Ion Ratio	Lower	Upper	
75	100		
53	79.5	64.6	96.8
89	42.7	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.515 ug/l

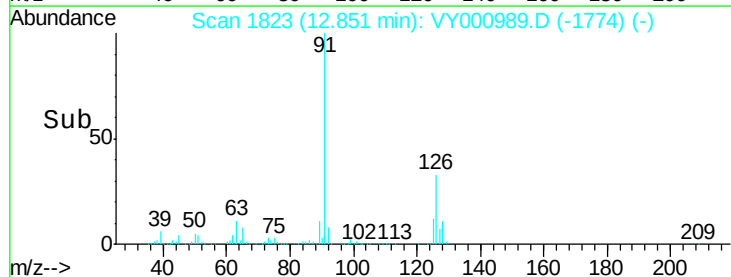
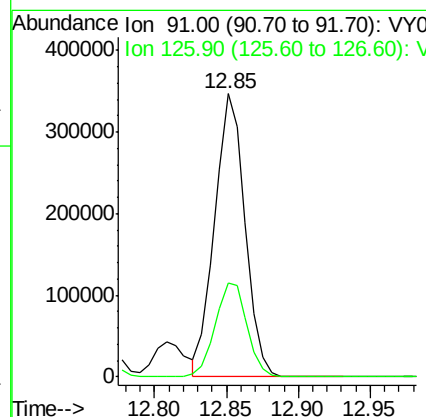
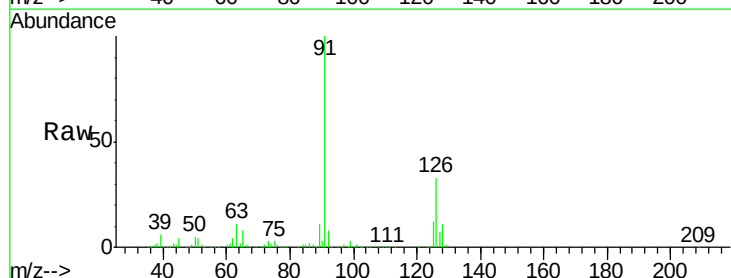
RT: 12.85 min Scan# 1823

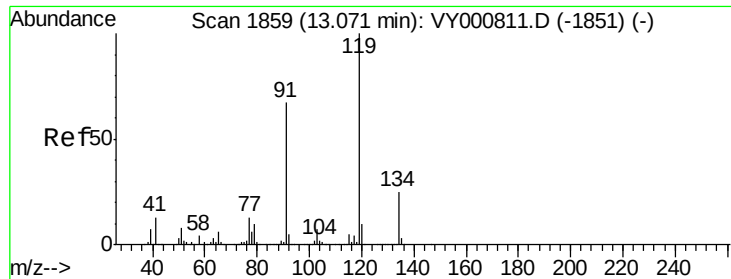
Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Tgt Ion:	91	Resp:	510583
Ion Ratio	Lower	Upper	
91	100		
126	34.8	17.3	51.9





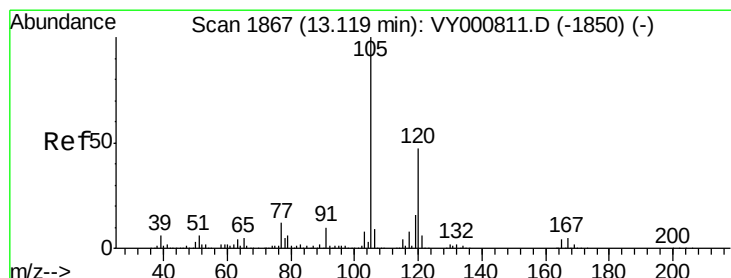
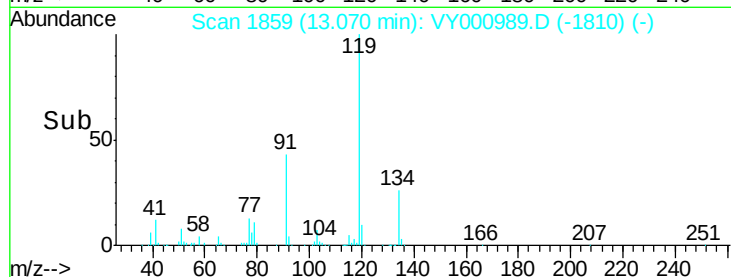
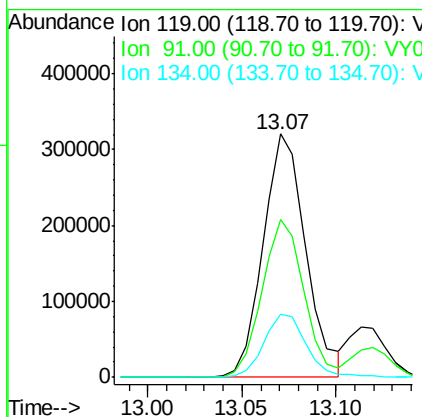
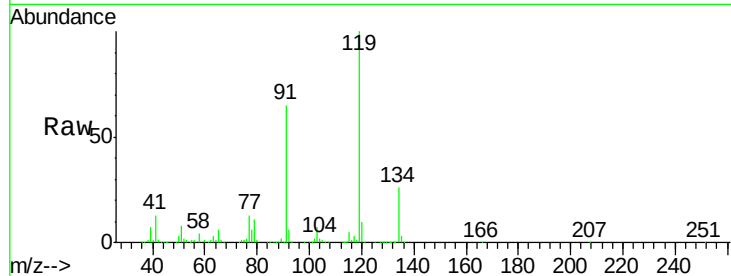
#83
 tert-Butylbenzene
 Concen: 46.809 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	503830		
91	63.4		32.3	96.8
134	26.2		12.9	38.7

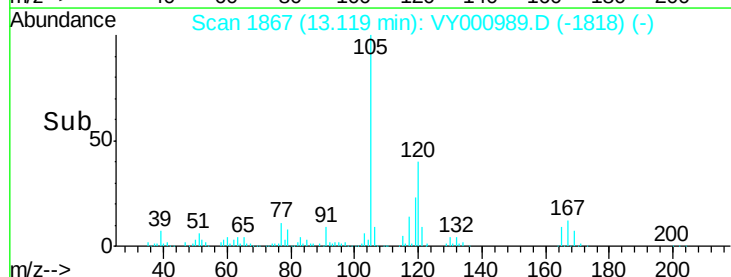
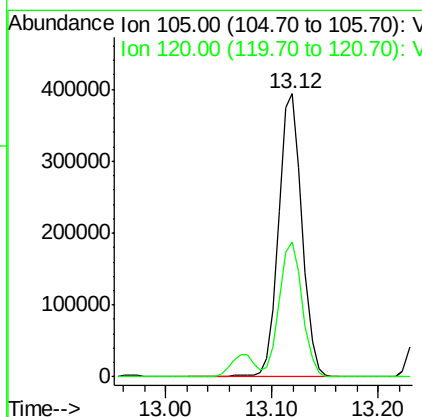
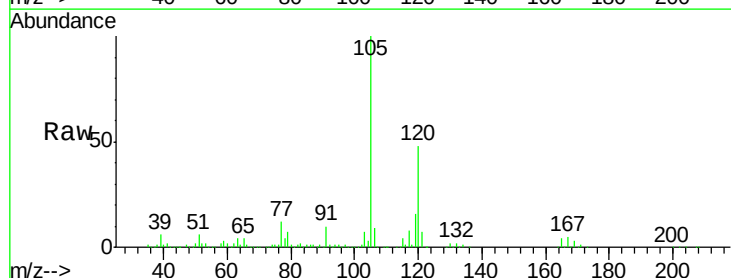
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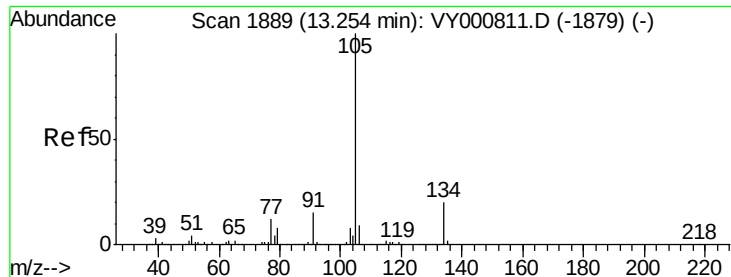
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.622 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	597165		
120	47.5		22.6	67.8





#85

sec-Butylbenzene

Concen: 46.840 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 733229

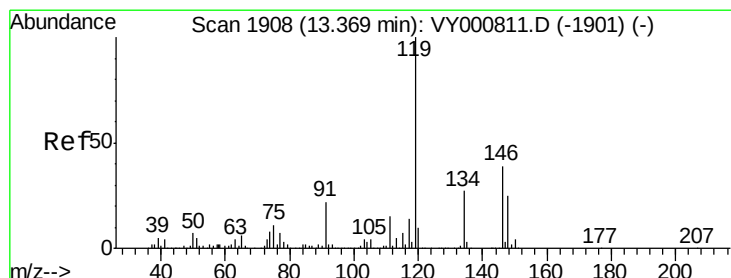
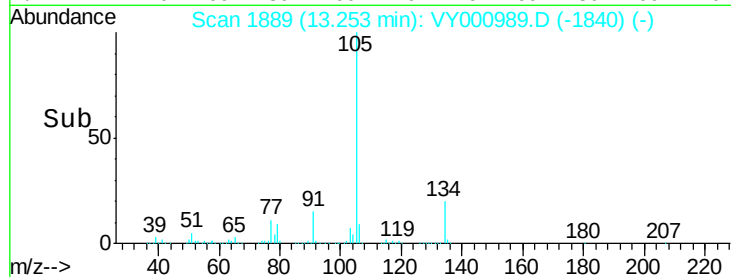
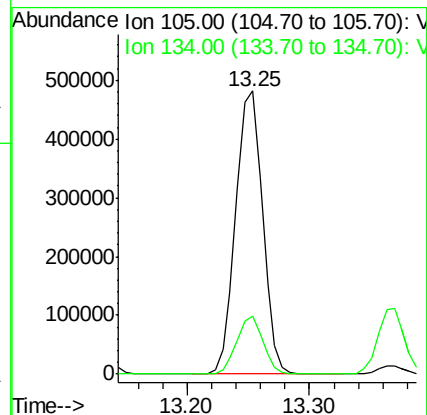
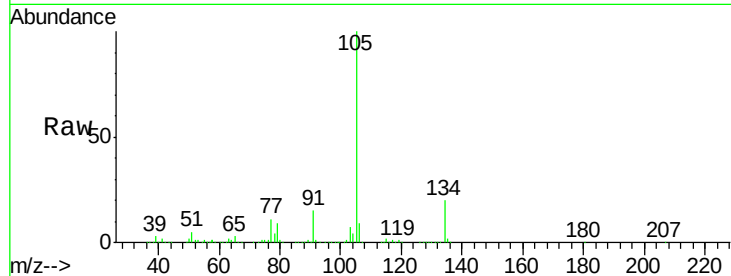
Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1

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12/18/2019 1:02:06 PM



#86

p-Isopropyltoluene

Concen: 46.817 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000989.D

Acq: 17 Dec 2019 19:09

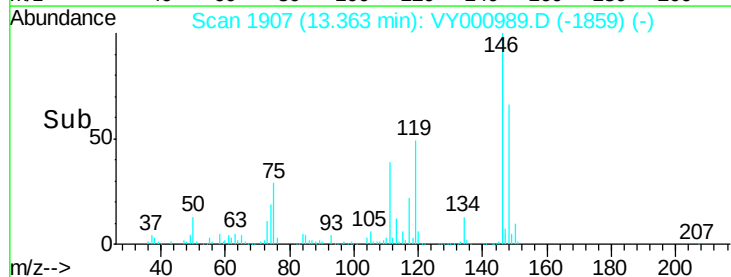
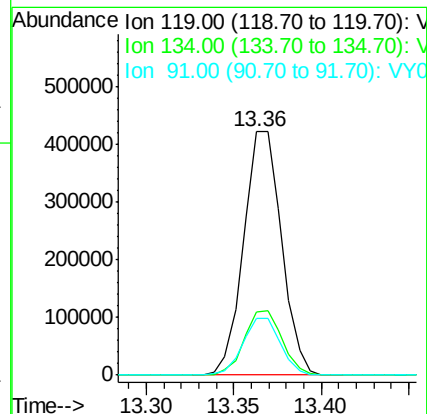
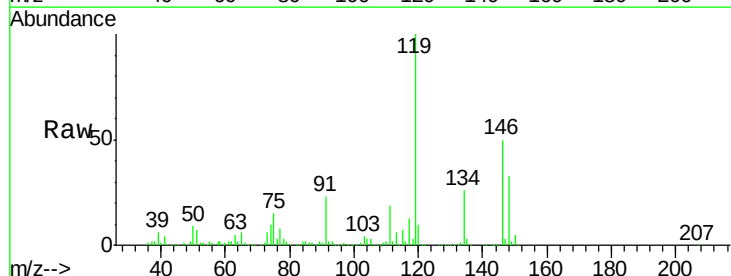
Tgt Ion:119 Resp: 637445

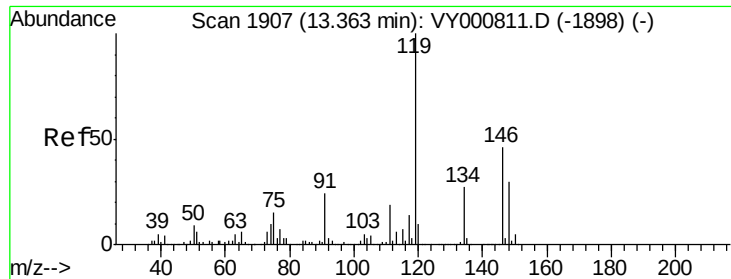
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.1 11.5 34.5





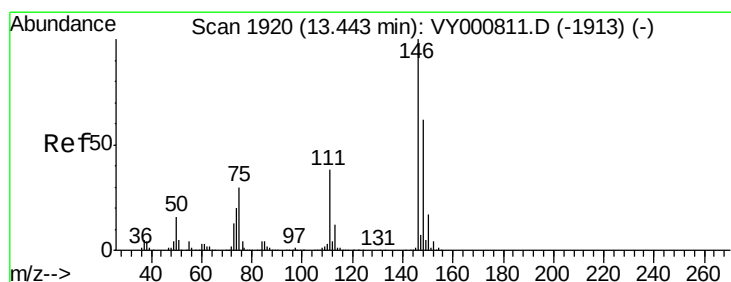
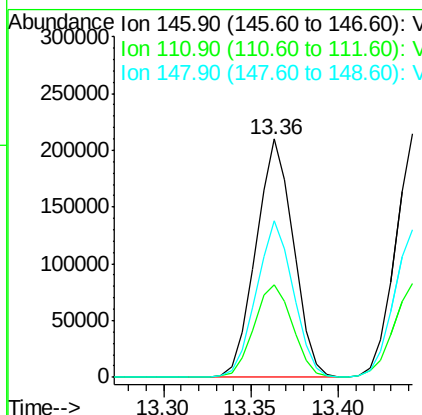
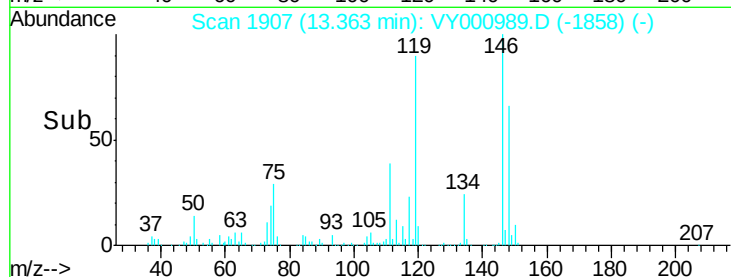
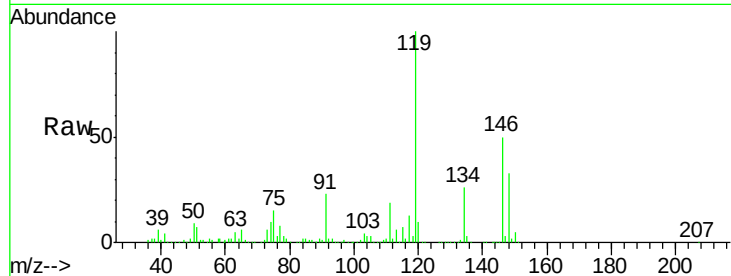
#87
 1,3-Dichlorobenzene
 Concen: 47.497 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.9	32.1	96.5

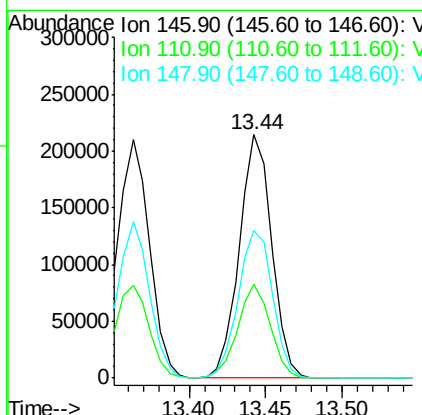
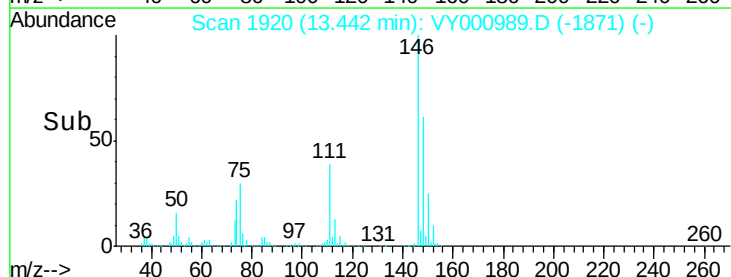
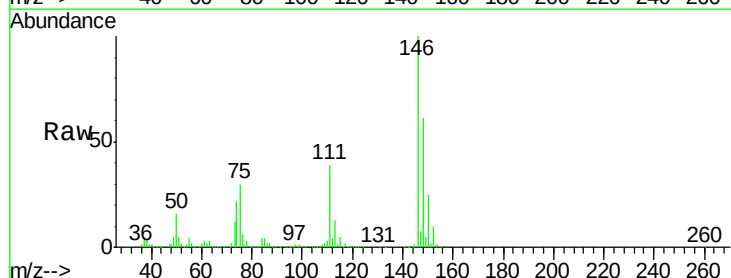
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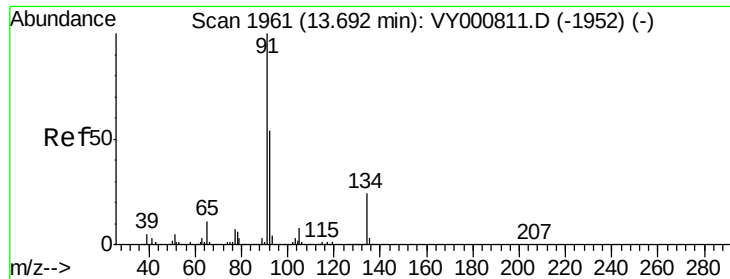
MMDadoda
 12/18/2019 1:02:06 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.519 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	64.4	31.7	95.1





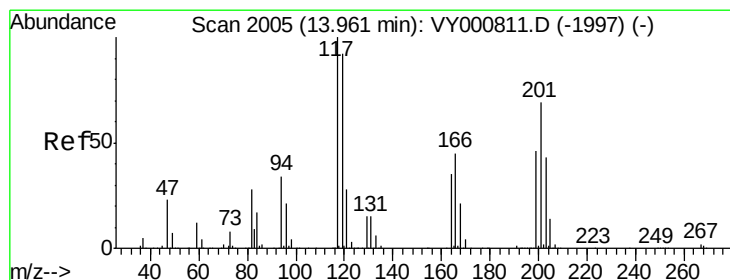
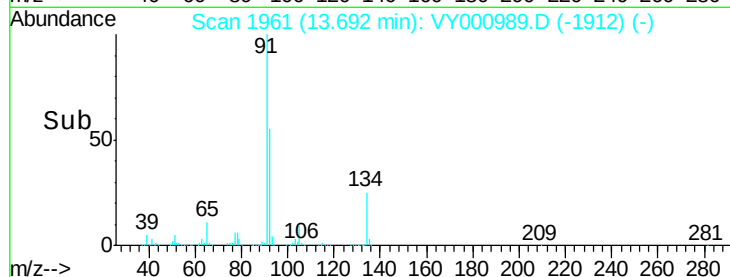
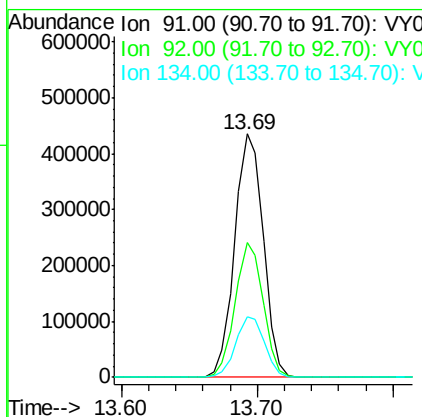
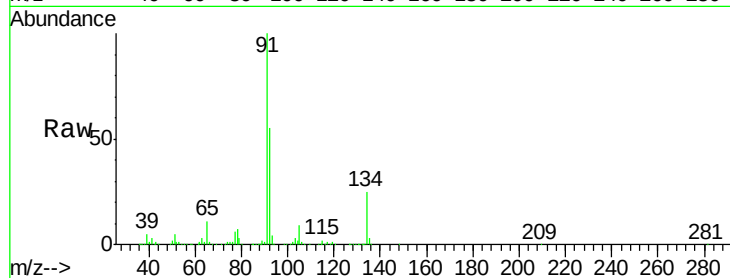
#89
n-Butylbenzene
Concen: 46.265 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.7
134	25.1	12.6	37.6

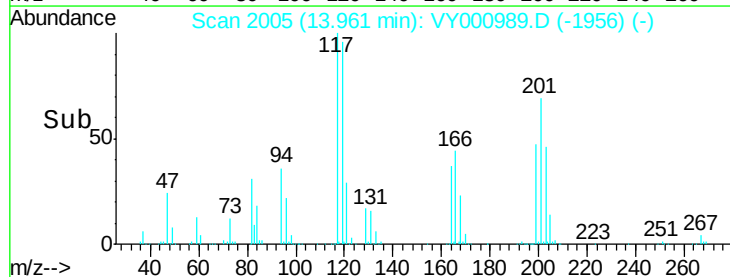
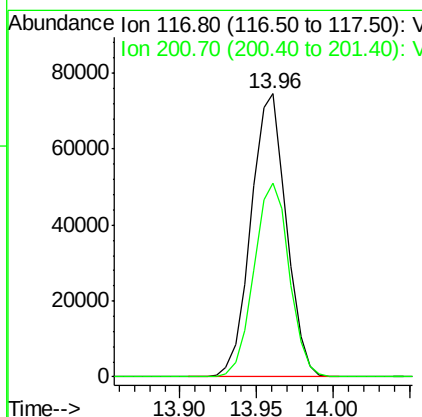
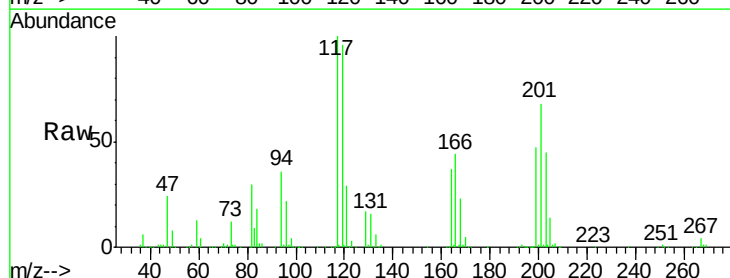
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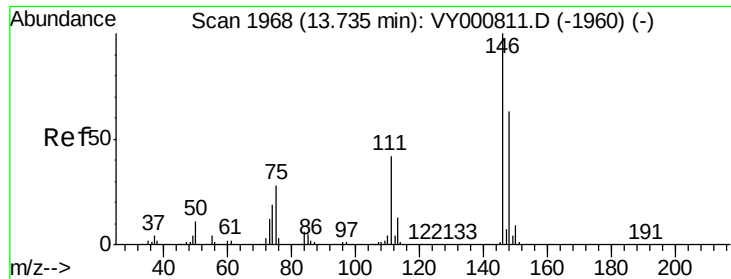
MMDadoda
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#90
Hexachloroethane
Concen: 47.785 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0





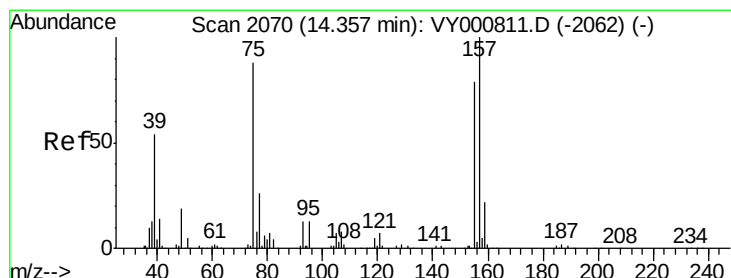
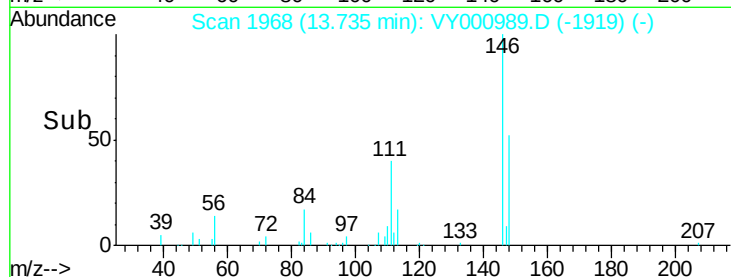
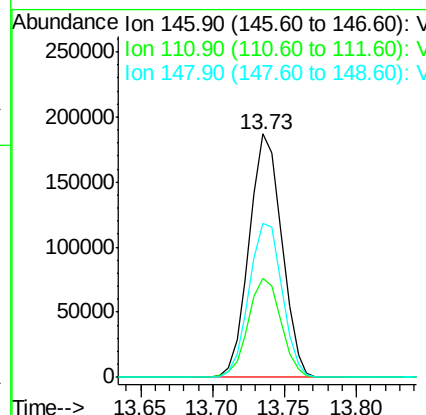
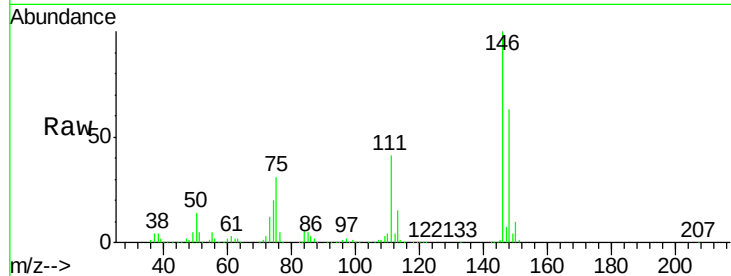
#91
 1,2-Dichlorobenzene
 Concen: 49.548 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.7
148	64.1	32.1	96.3

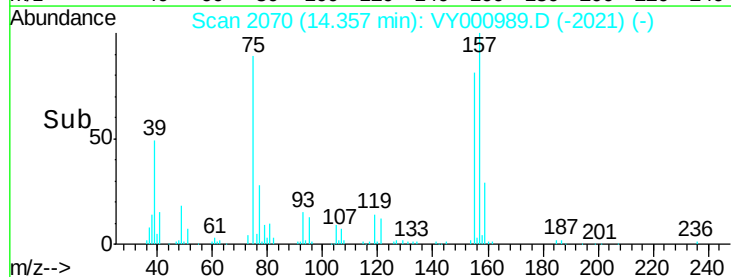
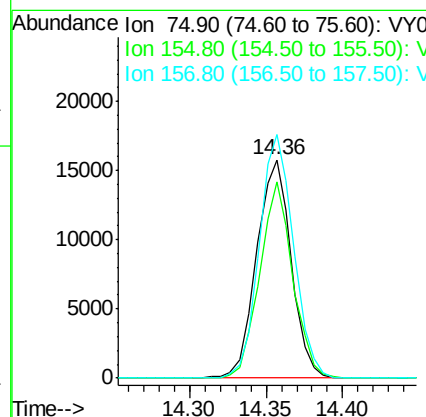
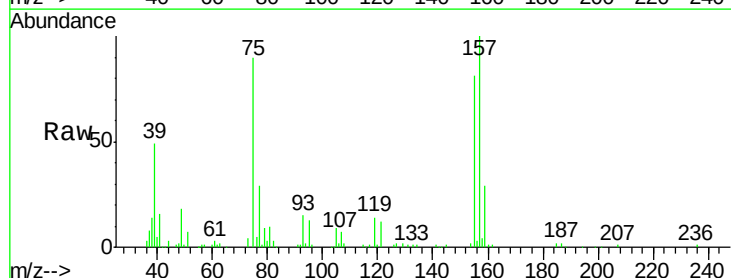
Manual Integrations
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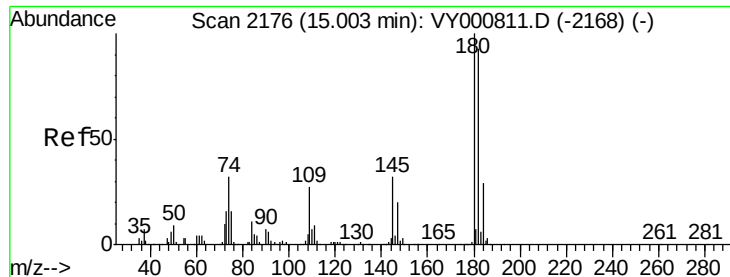
MMDadoda
 12/18/2019 1:02:06 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.538 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	44.3	132.9
157	110.3	56.3	168.9





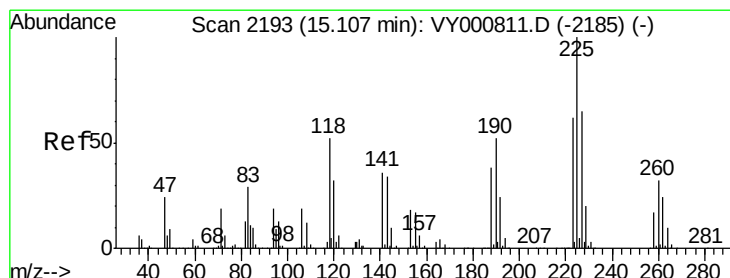
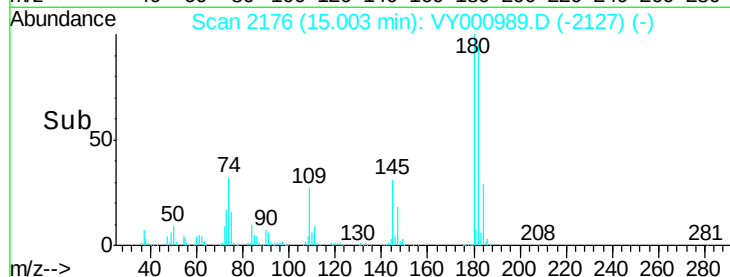
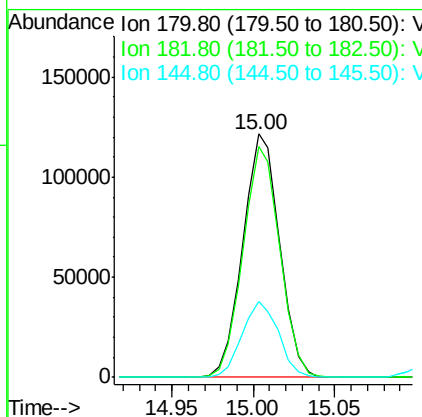
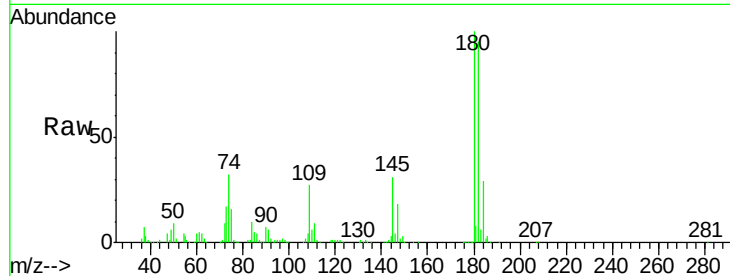
#93
 1,2,4-Trichlorobenzene
 Concen: 47.609 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190529		
182	95.1	47.3	141.9	
145	31.0	16.0	47.9	

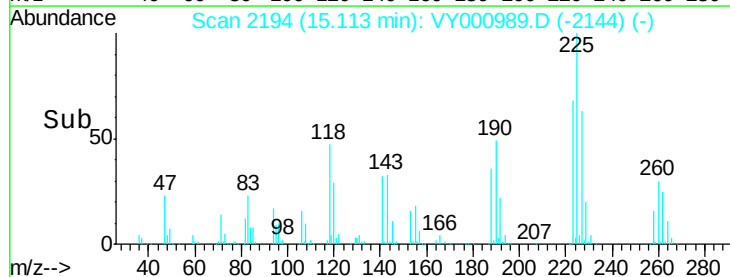
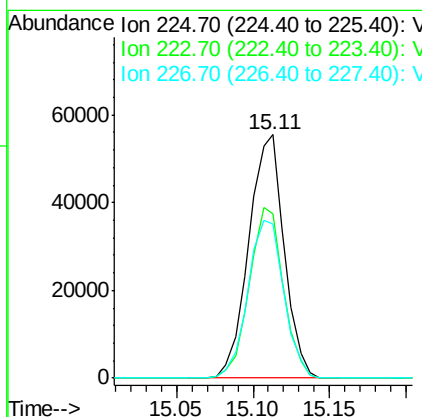
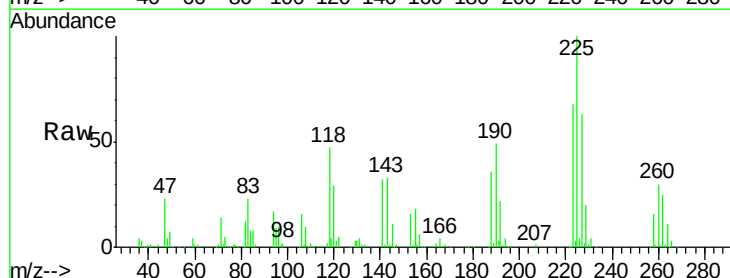
Manual Integrations
 APPROVED

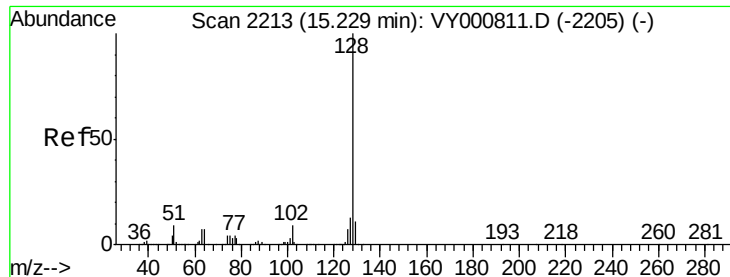
MMDadoda
 12/18/2019 1:02:06 PM



#94
 Hexachlorobutadiene
 Concen: 44.954 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000989.D
 Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89196		
223	67.5	31.4	94.3	
227	65.8	31.8	95.3	





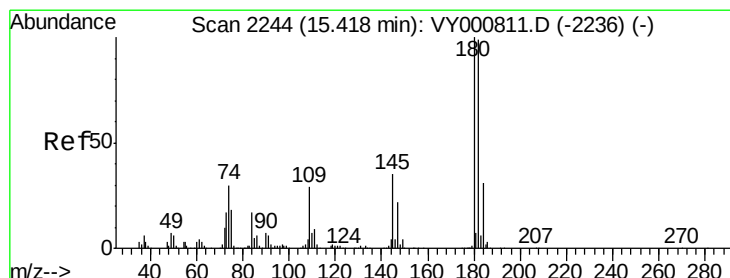
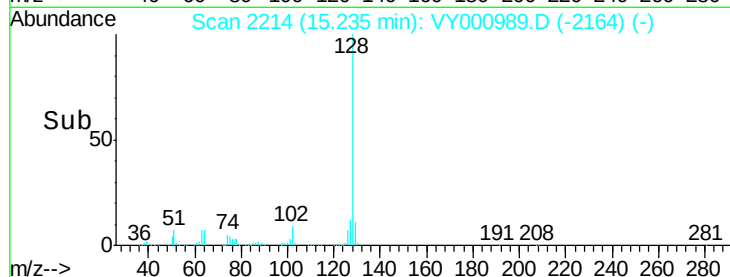
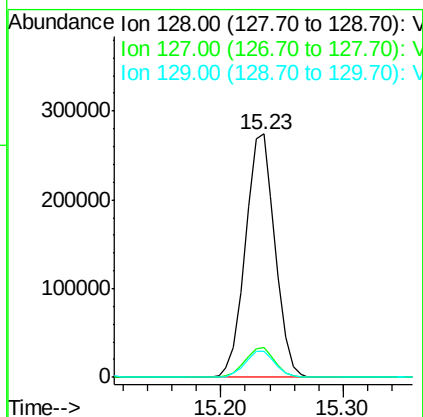
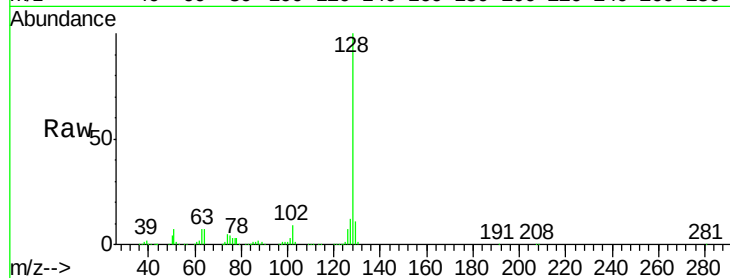
#95
Naphthalene
Concen: 49.600 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/18/2019 1:02:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.795 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000989.D
Acq: 17 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.0
145	32.7	16.9	50.6

