

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121919\
 Data File : VY001008.D
 Acq On : 19 Dec 2019 12:30
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/20/2019 10:37:05 AM

Quant Time: Dec 20 03:58:10 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	279072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	489637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138524	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.72	113	136972	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.18	98	567804	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.48	95	193851	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	50294	16.742	ug/l	100
3) Chloromethane	2.12	50	66166	17.868	ug/l	99
4) Vinyl Chloride	2.25	62	64814	17.759	ug/l	99
5) Bromomethane	2.64	94	42710	17.907	ug/l	87
6) Chloroethane	2.79	64	41873	18.713	ug/l	99
7) Trichlorofluoromethane	3.13	101	94466	18.887	ug/l	88
8) Diethyl Ether	3.54	74	37440	19.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	63221	20.469	ug/l	97
10) Methyl Iodide	4.10	142	76460	19.662	ug/l	96
11) Tert butyl alcohol	4.96	59	27300	91.507	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	61117	19.974	ug/l	90
13) Acrolein	3.73	56	26099	88.807	ug/l	97
14) Allyl chloride	4.48	41	103082	19.647	ug/l	96
15) Acrylonitrile	5.18	53	100134	103.012	ug/l	98
16) Acetone	3.96	43	66280	97.434	ug/l	90
17) Carbon Disulfide	4.19	76	184347	18.628	ug/l	99
18) Methyl Acetate	4.48	43	53172	18.694	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	161050	19.708	ug/l	94
20) Methylene Chloride	4.72	84	77616	21.646	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	68122	19.587	ug/l	98
22) Diisopropyl ether	6.13	45	216424	20.070	ug/l	99
23) Vinyl Acetate	6.07	43	655219	99.947	ug/l	99
24) 1,1-Dichloroethane	6.03	63	121756	20.486	ug/l	96
25) 2-Butanone	6.99	43	118020	93.919	ug/l	98
26) 2,2-Dichloropropane	6.99	77	94968	18.985	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	79162	21.057	ug/l	95
28) Bromochloromethane	7.35	49	28186	14.428	ug/l	97
29) Tetrahydrofuran	7.35	42	81897	98.352	ug/l	98
30) Chloroform	7.51	83	113782	19.084	ug/l	97
31) Cyclohexane	7.79	56	119062	18.910	ug/l #	87
32) 1,1,1-Trichloroethane	7.71	97	93353	18.961	ug/l	99
36) 1,1-Dichloropropene	7.93	75	95299	19.575	ug/l	99
37) Ethyl Acetate	7.08	43	56171	19.982	ug/l	99
38) Carbon Tetrachloride	7.91	117	82913	19.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121947	18.906	ug/l	98
40) Benzene	8.17	78	283773	20.011	ug/l	96
41) Methacrylonitrile	7.32	41	26630m	17.974	ug/l	
42) 1,2-Dichloroethane	8.25	62	71272	19.111	ug/l	100
43) Isopropyl Acetate	8.28	43	100247	18.923	ug/l	97
44) Trichloroethene	8.94	130	73119	20.063	ug/l	95
45) 1,2-Dichloropropane	9.22	63	72963	20.484	ug/l	98
46) Dibromomethane	9.30	93	36762	19.753	ug/l	99
47) Bromodichloromethane	9.50	83	85292	19.508	ug/l	95
48) Methyl methacrylate	9.30	41	42191	18.112	ug/l	92
49) 1,4-Dioxane	9.30	88	10372	393.315	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	263009	96.091	ug/l	100
52) Toluene	10.24	92	173708	19.784	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90882	19.348	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	111630	20.106	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	56677	20.612	ug/l	98
56) Ethyl methacrylate	10.51	69	79304	20.161	ug/l	97
57) 1,3-Dichloropropane	10.79	76	96658	20.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	161447	101.792	ug/l	99
59) 2-Hexanone	10.83	43	179382	89.940	ug/l	98
60) Dibromochloromethane	10.98	129	57939	19.574	ug/l	97
61) 1,2-Dibromoethane	11.09	107	53656	20.705	ug/l	95
64) Tetrachloroethene	10.72	164	75991	20.206	ug/l	95
65) Chlorobenzene	11.51	112	179779	19.980	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.58	131	61042	20.131	ug/l	99
67) Ethyl Benzene	11.59	91	327431	19.540	ug/l	100
68) m/p-Xylenes	11.70	106	249701	39.700	ug/l	99
69) o-Xylene	12.03	106	118124	20.142	ug/l	98
70) Styrene	12.04	104	201408	20.057	ug/l	98
71) Bromoform	12.20	173	33256	19.446	ug/l #	98
73) Isopropylbenzene	12.33	105	313797	19.491	ug/l	99
74) N-amyl acetate	12.14	43	82768	18.470	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	61397	19.354	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42005m	18.335	ug/l	
77) Bromobenzene	12.61	156	70620	20.236	ug/l	96
78) n-propylbenzene	12.67	91	388666	19.771	ug/l	100
79) 2-Chlorotoluene	12.75	91	211957	19.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	259928	19.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	22866	19.606	ug/l	100
82) 4-Chlorotoluene	12.85	91	218407	19.520	ug/l	99
83) tert-Butylbenzene	13.07	119	218855	19.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	260504	19.533	ug/l	98
85) sec-Butylbenzene	13.25	105	323533	19.849	ug/l	100
86) p-Isopropyltoluene	13.36	119	284188	20.046	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	136822	19.985	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	135197	19.945	ug/l	99
89) n-Butylbenzene	13.69	91	285052	19.887	ug/l	99
90) Hexachloroethane	13.95	117	51113	19.572	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	128785	20.913	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10476	19.726	ug/l	91

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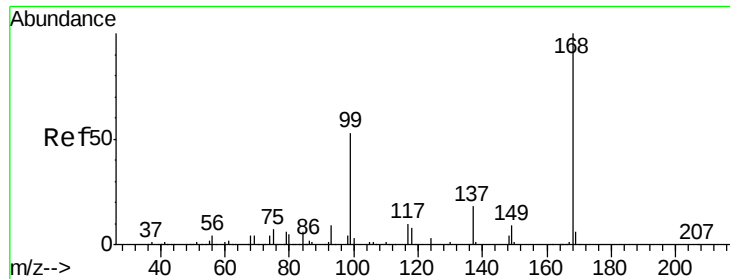
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	86665	20.798	ug/l	99
94) Hexachlorobutadiene	15.11	225	43538	21.074	ug/l	99
95) Naphthalene	15.23	128	195359	20.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	78434	21.073	ug/l	99

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



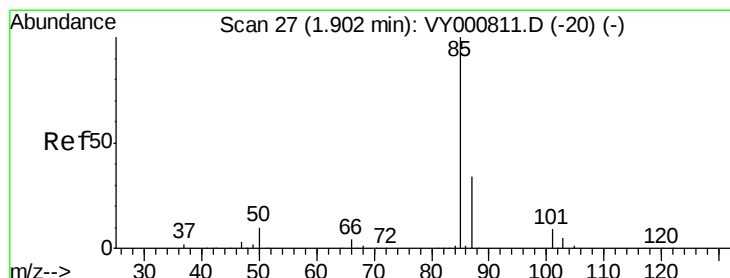
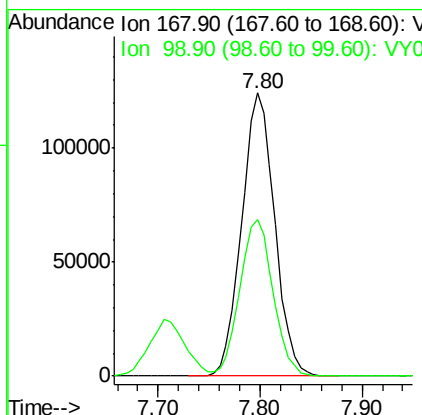
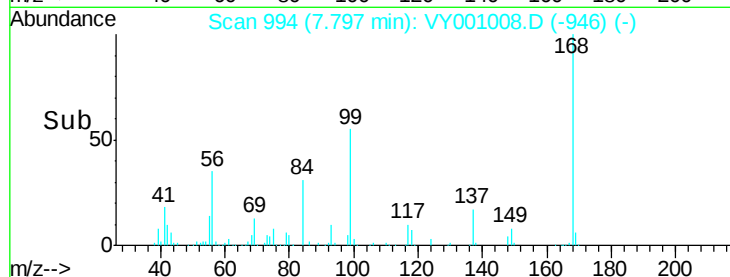
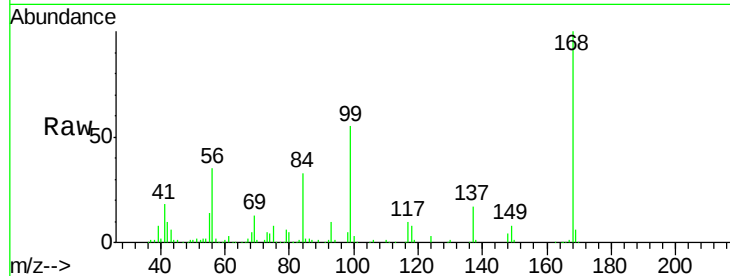
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
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ClientSampleId :
VY1219SBS01

Tot Ion: 168 Resp: 279072
Ion Ratio Lower Upper
168 100
99 55.2 45.0 67.6

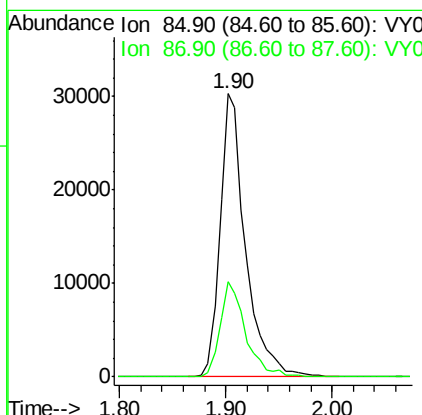
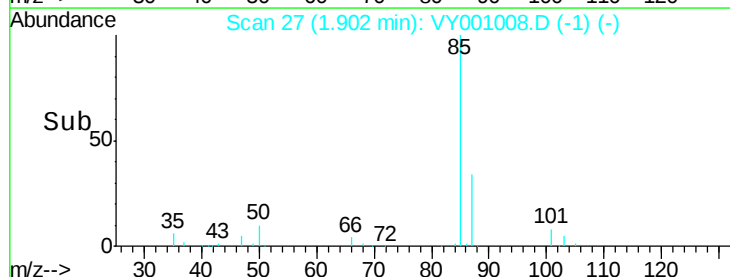
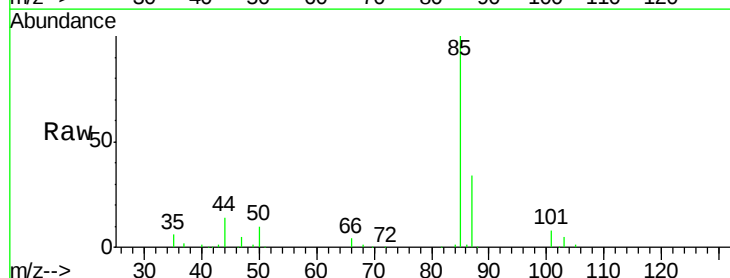
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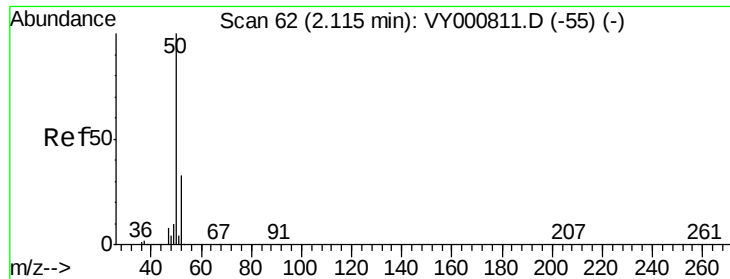
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#2
Dichlorodifluoromethane
Concen: 16.742 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 85 Resp: 50294
Ion Ratio Lower Upper
85 100
87 33.7 16.8 50.3





#3

Chloromethane

Concen: 17.868 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 50 Resp: 66166

Ion Ratio Lower Upper

50 100

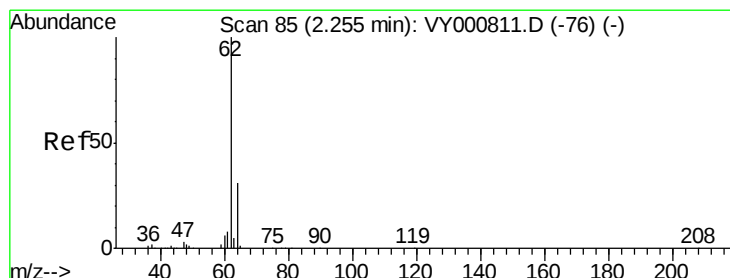
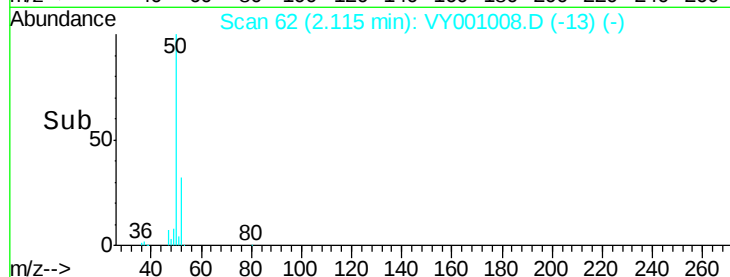
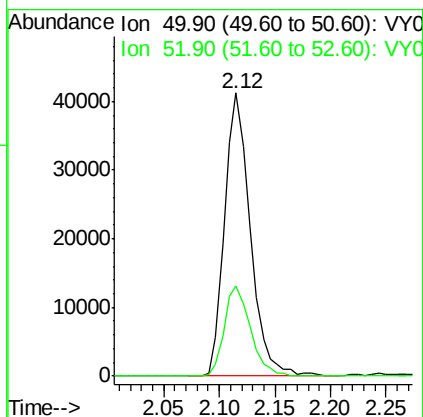
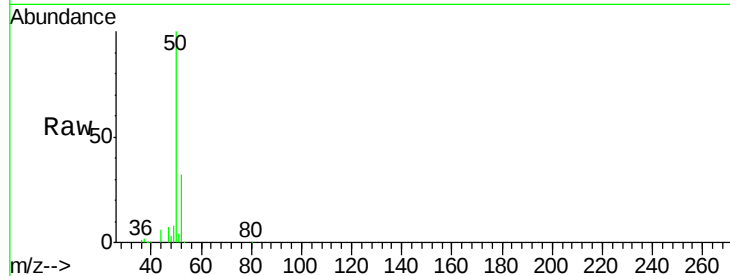
52 31.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.759 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001008.D

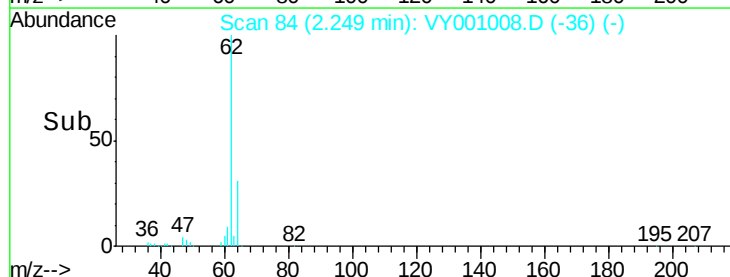
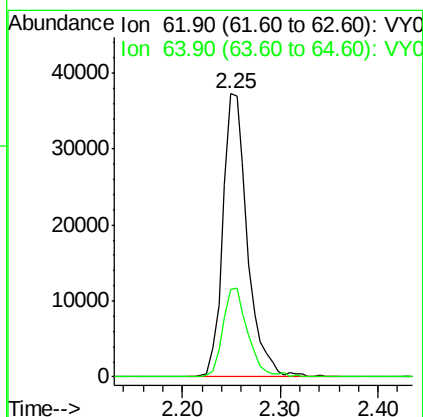
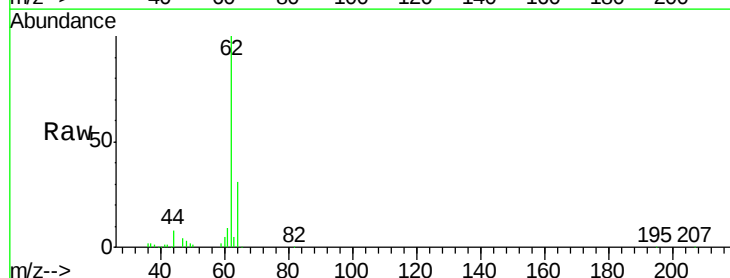
Acq: 19 Dec 2019 12:30

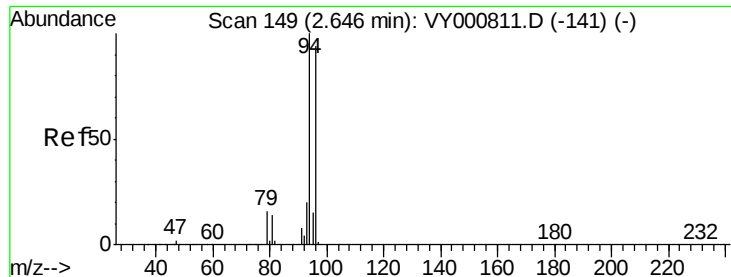
Tgt Ion: 62 Resp: 64814

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 17.907 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 94 Resp: 42710

Ion Ratio Lower Upper

94 100

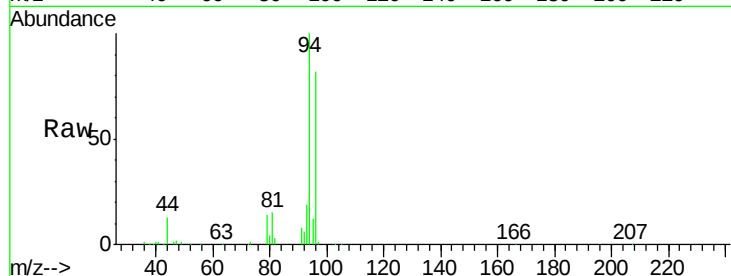
96 81.7 75.2 112.8

Manual Integrations

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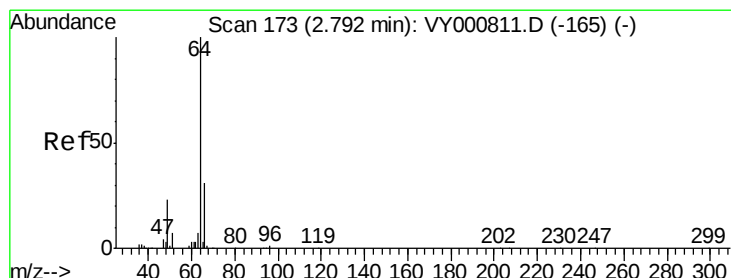
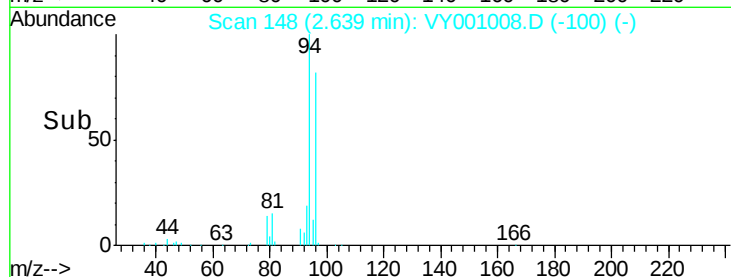
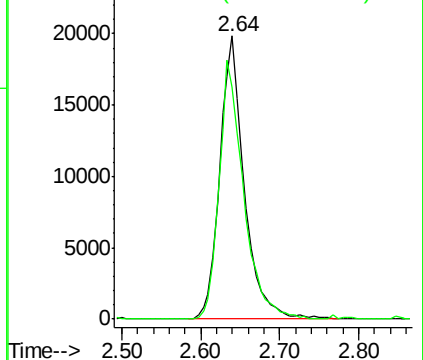
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.713 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001008.D

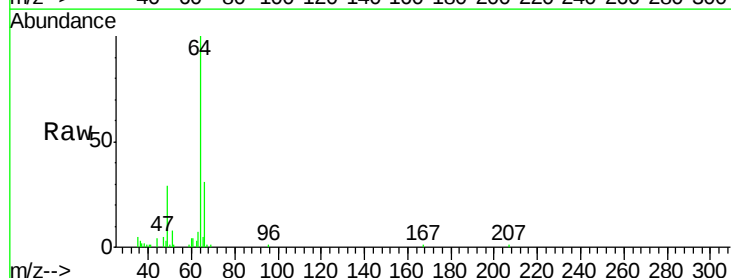
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Tgt Ion: 64 Resp: 41873

Ion Ratio Lower Upper

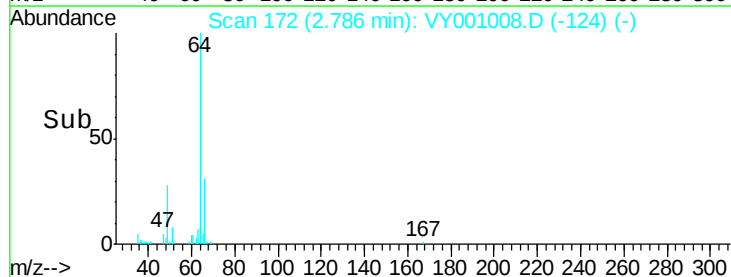
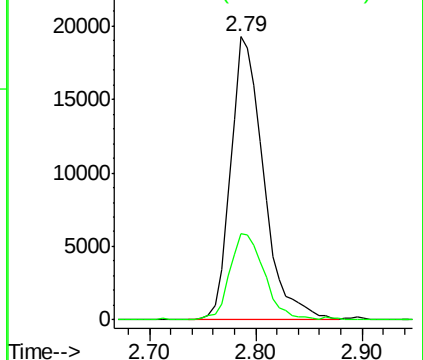
64 100

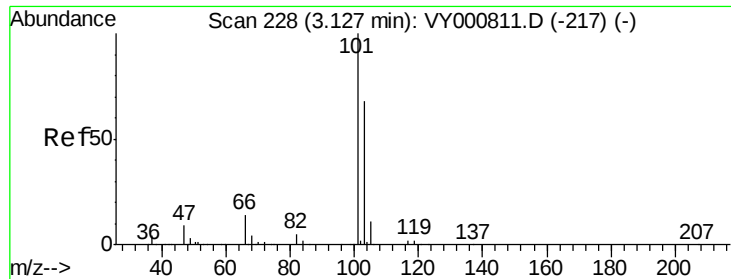
66 30.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

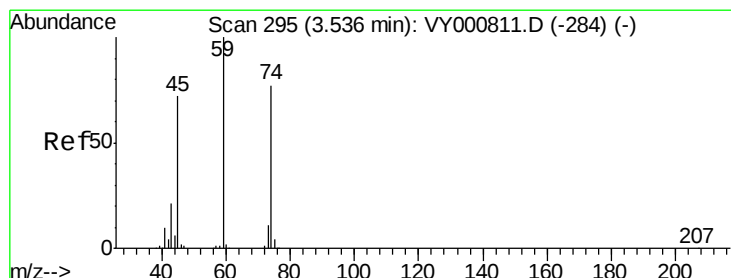
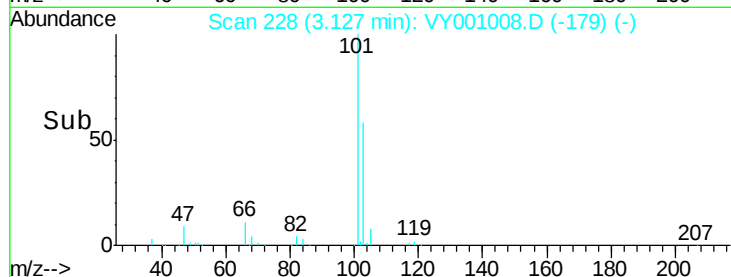
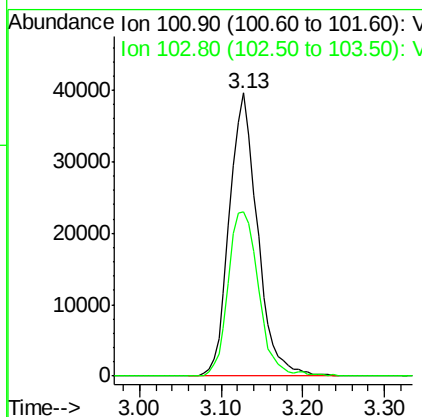
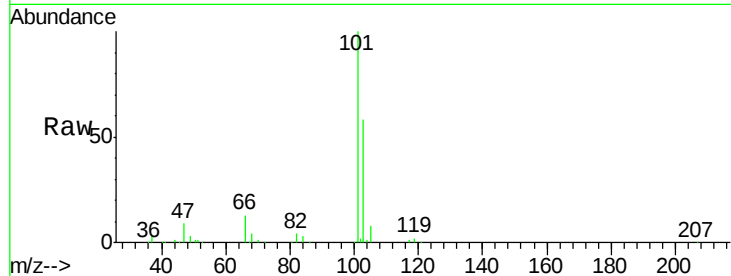
Trichlorofluoromethane
 Concen: 18.887 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.1	54.2	81.2

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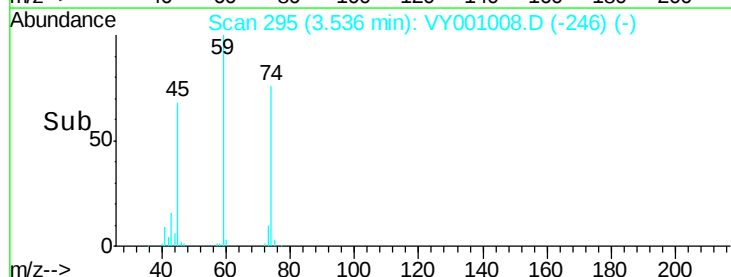
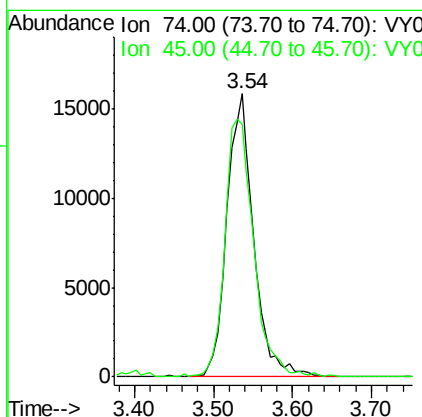
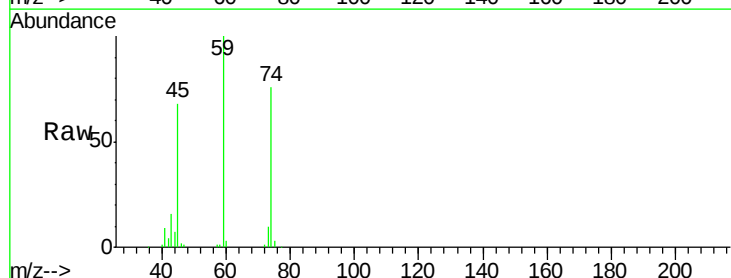
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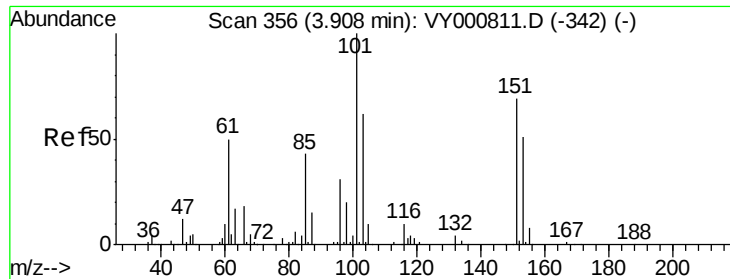


#8

Diethyl Ether
 Concen: 19.889 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.469 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

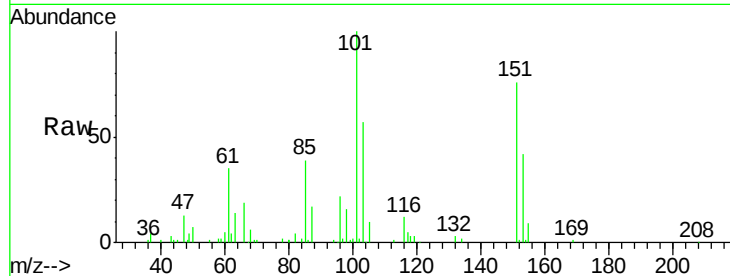
ClientSampleId :

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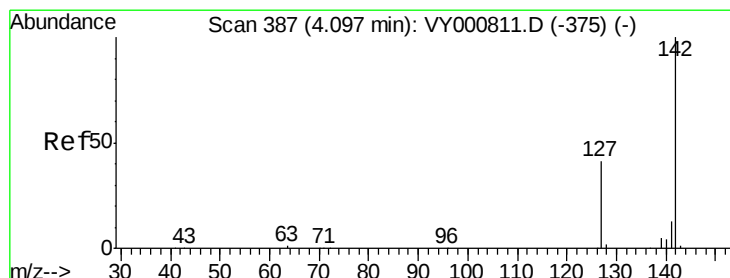
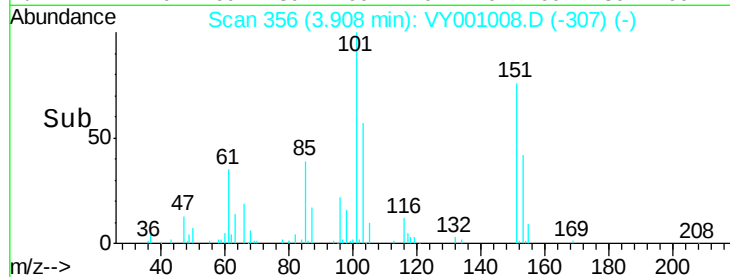
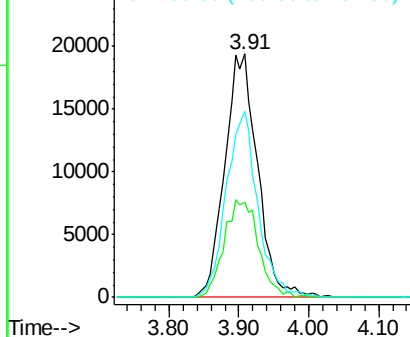
Tot Ion:	101	Resp:	63221
Ion Ratio	Lower	Upper	
101	100		
85	41.7	36.0	54.0
151	73.5	58.2	87.2

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



#10

Methyl Iodide

Concen: 19.662 ug/l

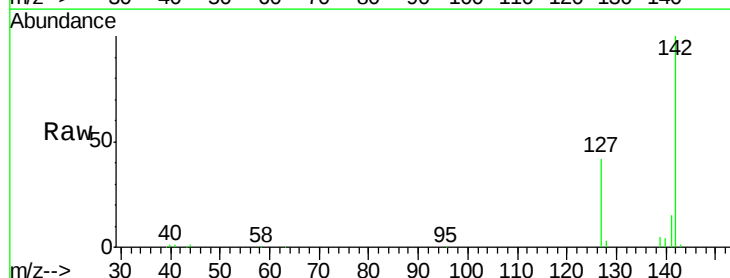
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

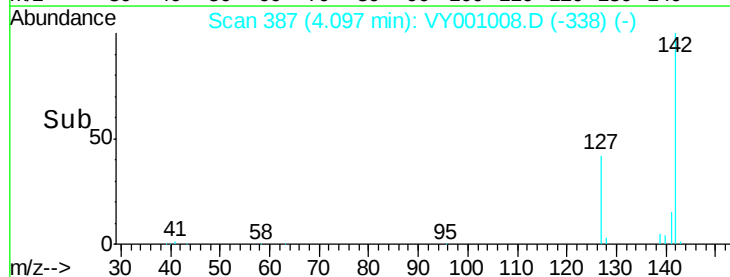
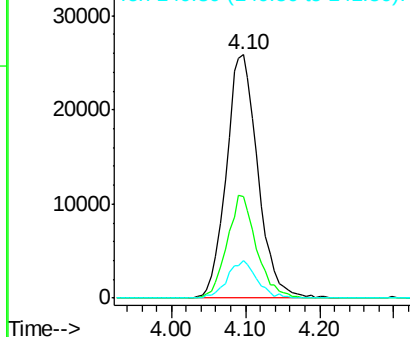
Lab File: VY001008.D

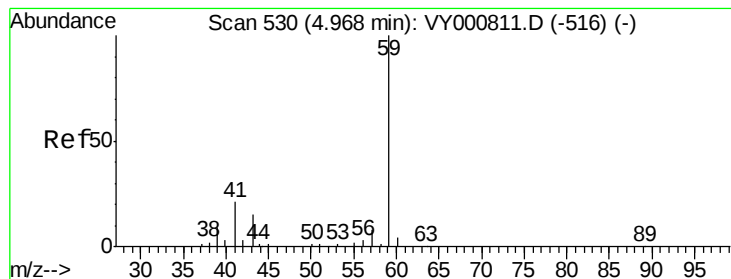
Acq: 19 Dec 2019 12:30

Tgt Ion:	142	Resp:	76460
Ion Ratio	Lower	Upper	
142	100		
127	39.3	33.8	50.8
141	14.2	10.9	16.3



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





#11

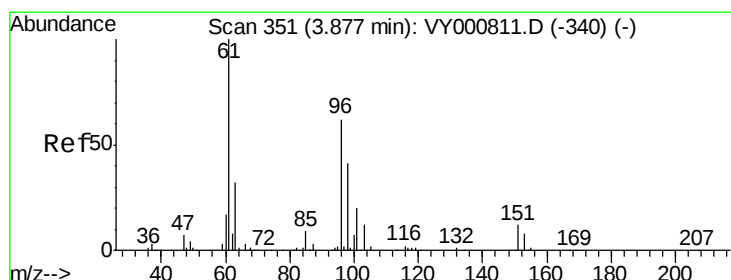
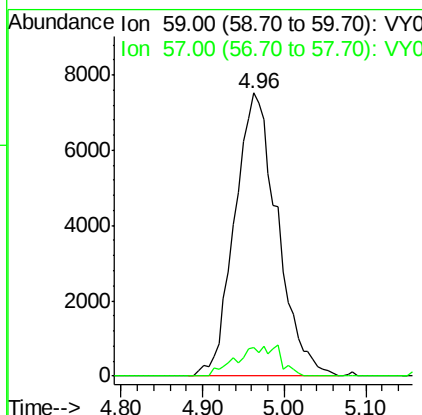
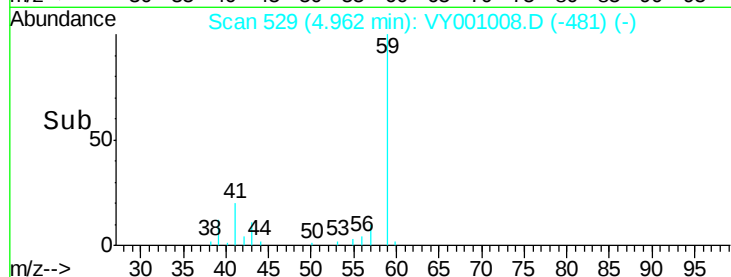
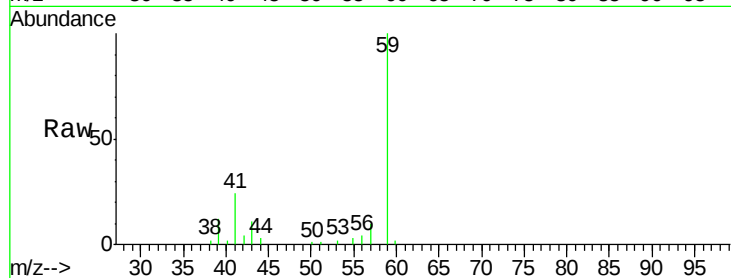
Tert butyl alcohol
 Concen: 91.507 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

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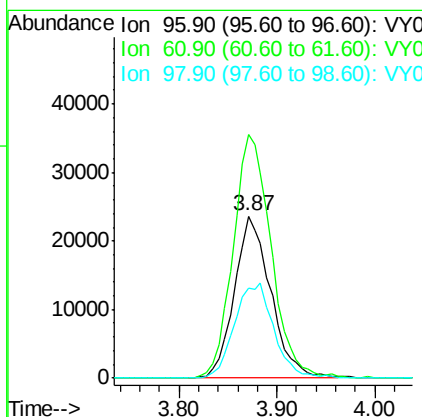
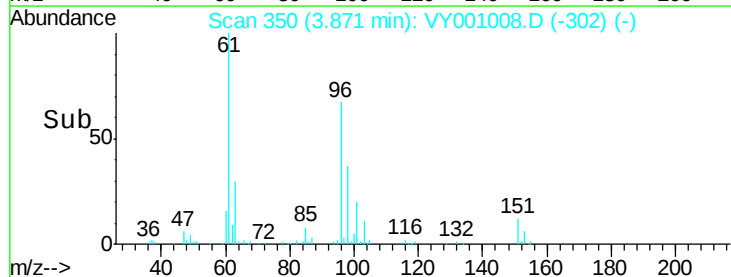
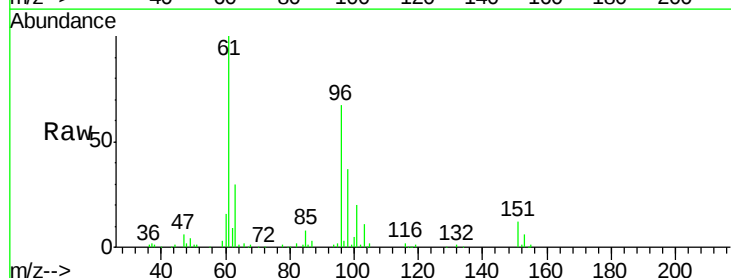
MMDadoda
 12/20/2019 10:37:05 AM

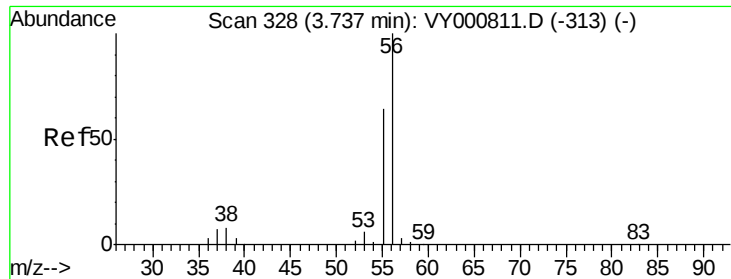


#12

1,1-Dichloroethene
 Concen: 19.974 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.3	129.4	194.2
98	55.6	53.4	80.0





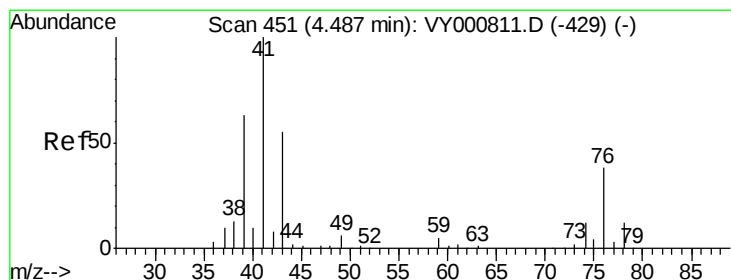
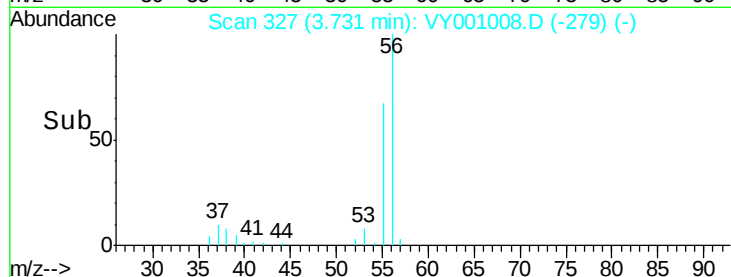
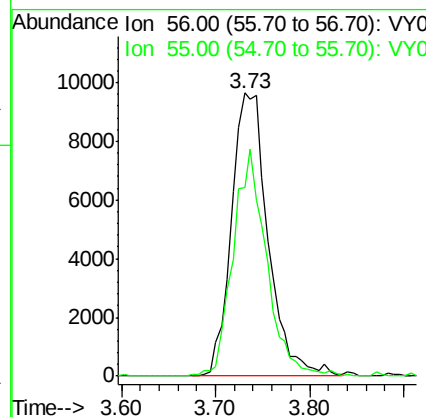
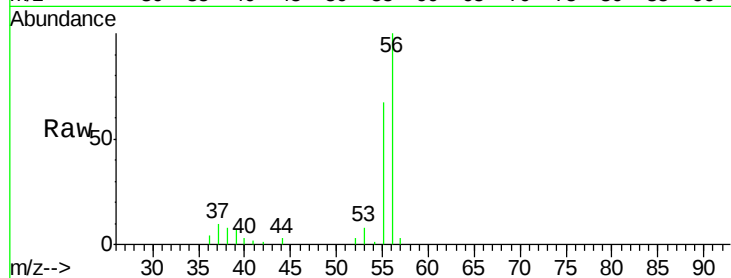
#13
Acrolein
Concen: 88.807 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 56 Resp: 26099
Ion Ratio Lower Upper
56 100
55 72.4 55.7 83.5

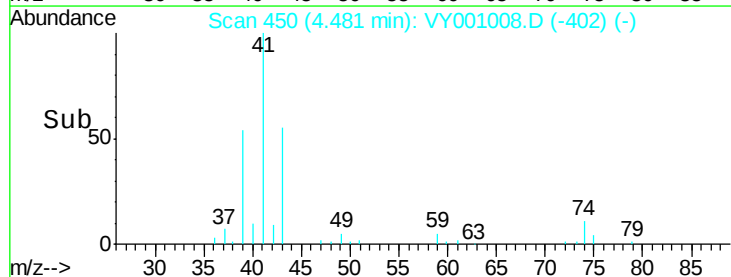
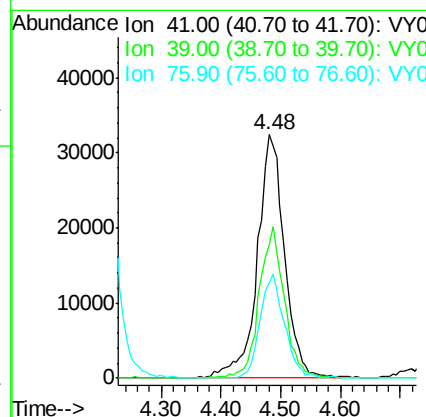
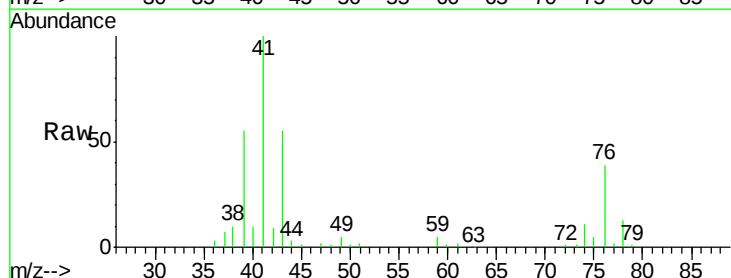
Manual Integrations
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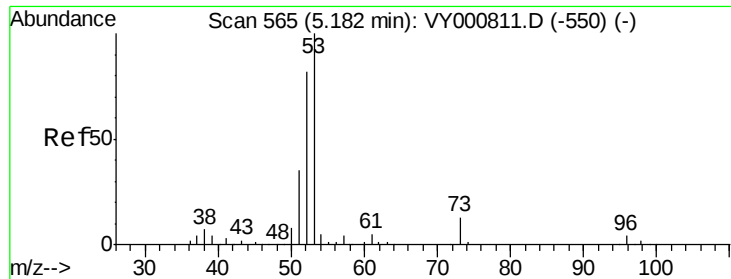
MMDadoda
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#14
Allyl chloride
Concen: 19.647 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 41 Resp: 103082
Ion Ratio Lower Upper
41 100
39 57.7 49.2 73.8
76 38.0 29.2 43.8





#15

Acrylonitrile

Concen: 103.012 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

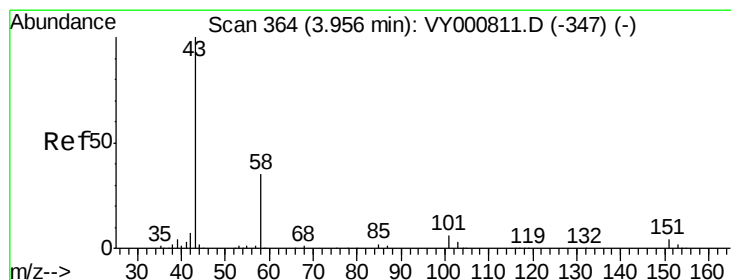
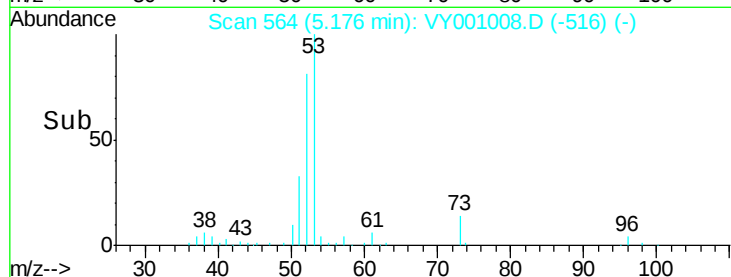
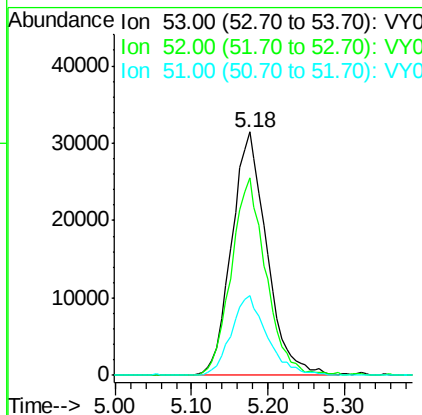
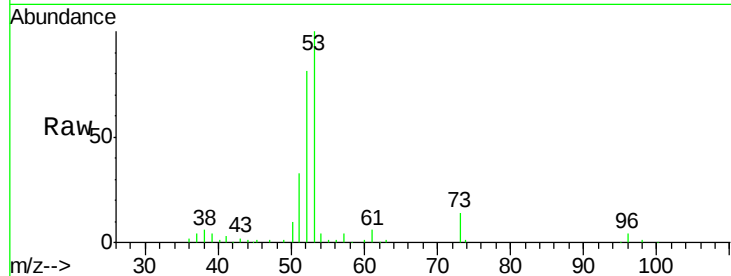
ClientSampleId :

VY1219SBS01

Tot Ion:	53	Resp:	100134
Ion Ratio		Lower	Upper
53	100		
52	80.2	65.1	97.7
51	33.5	29.0	43.4

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#16

Acetone

Concen: 97.434 ug/l

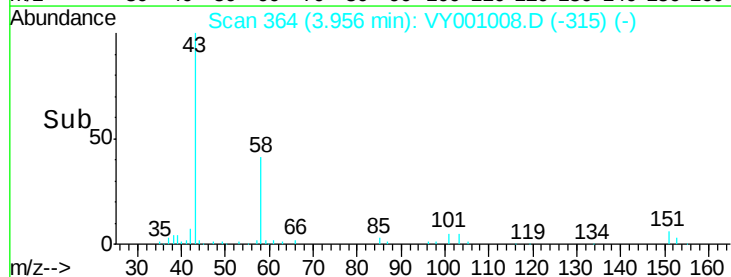
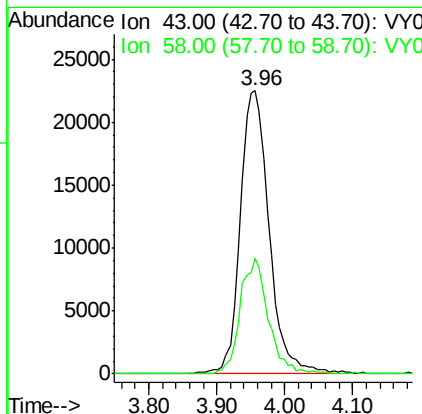
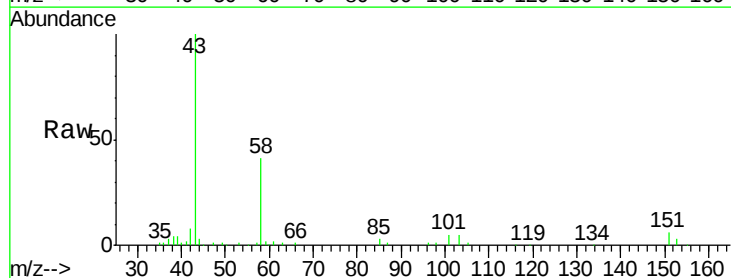
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion:	43	Resp:	66280
Ion Ratio		Lower	Upper
43	100		
58	40.9	28.0	42.0





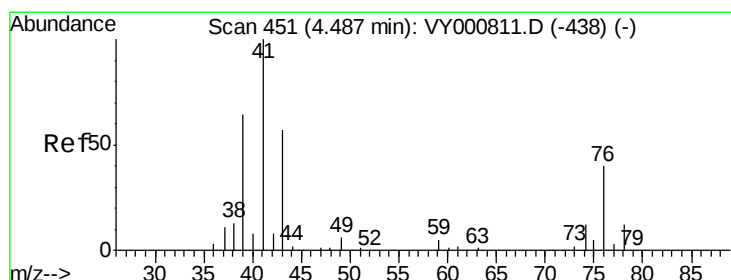
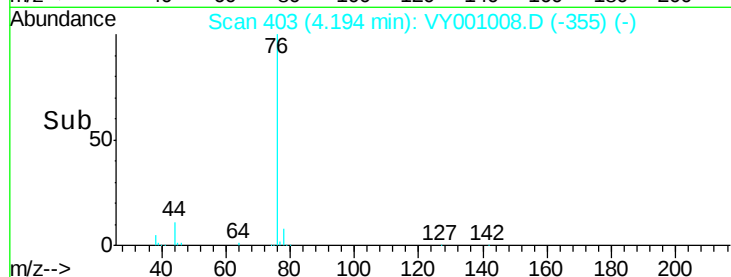
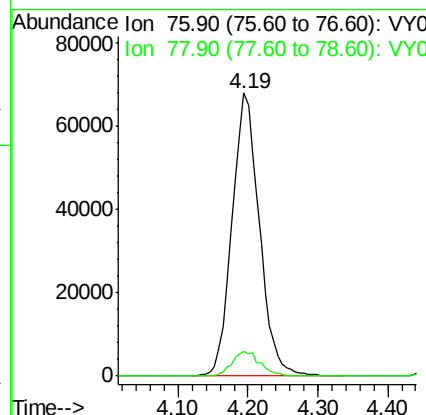
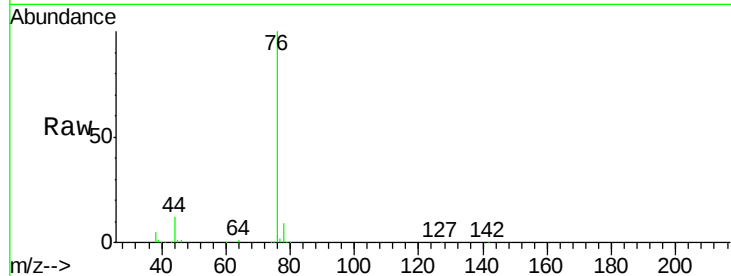
#17
Carbon Disulfide
Concen: 18.628 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

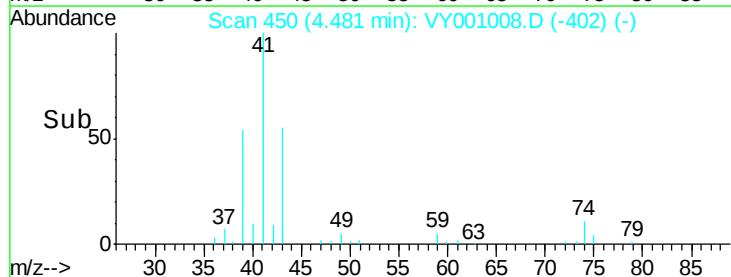
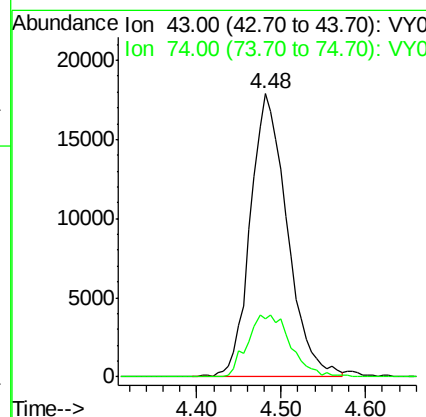
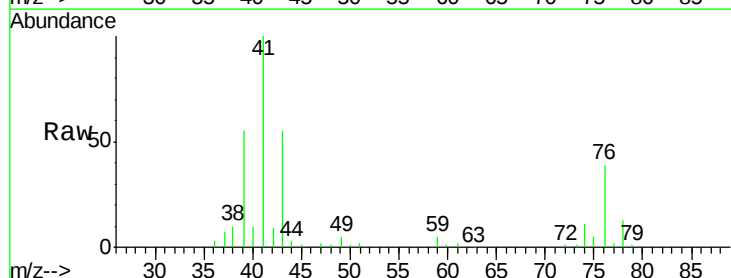
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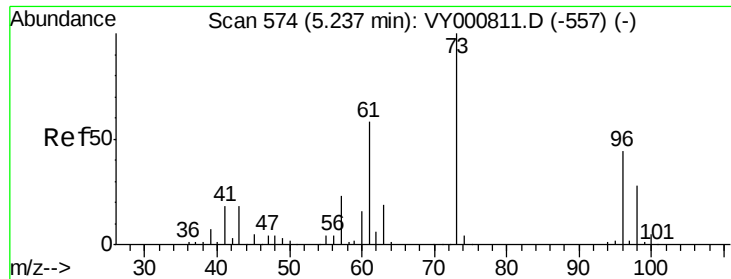
MMDadoda
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#18
Methyl Acetate
Concen: 18.694 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	18.5	27.7





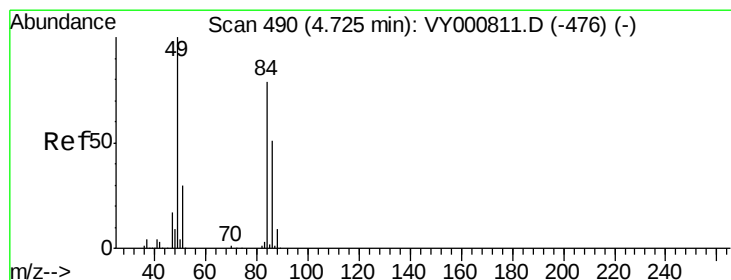
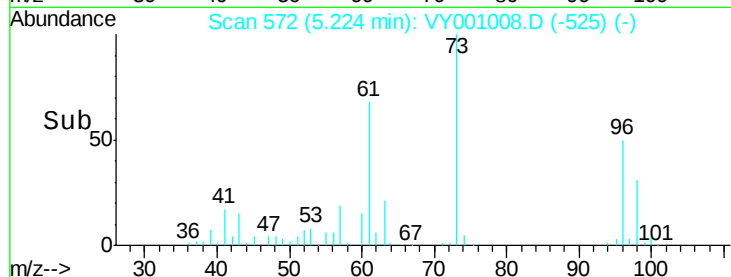
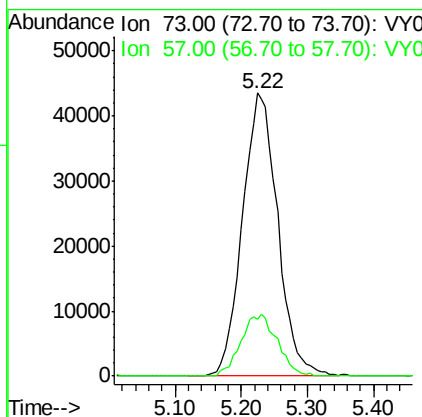
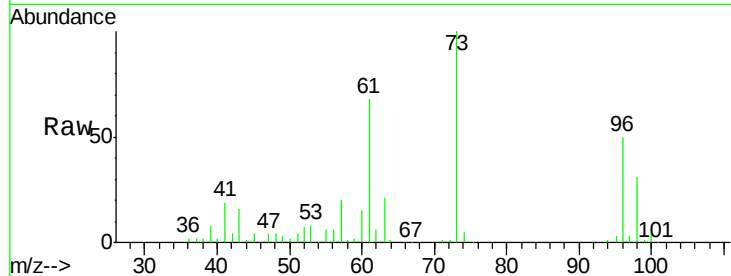
#19
Methvl tert-butvl Ether
Concen: 19.708 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 73 Resp: 161050
Ion Ratio Lower Upper
73 100
57 19.9 18.2 27.4

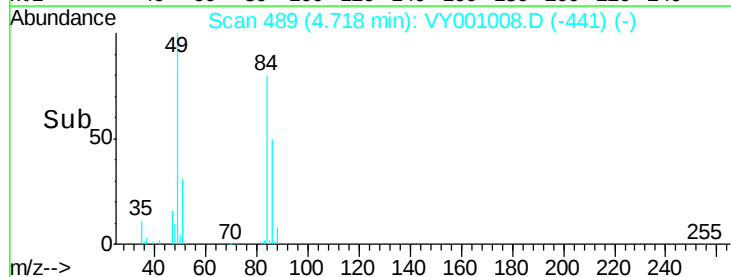
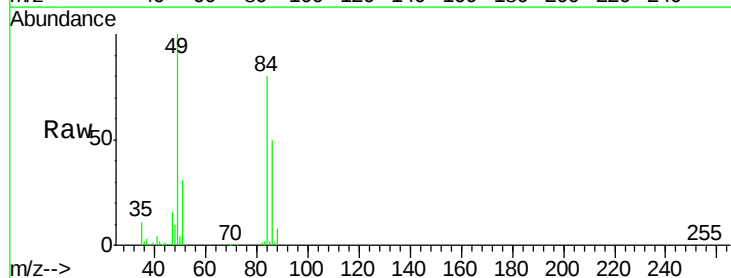
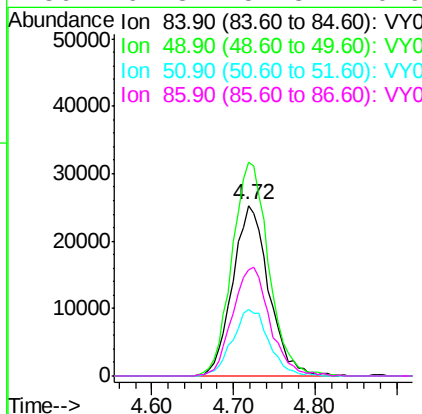
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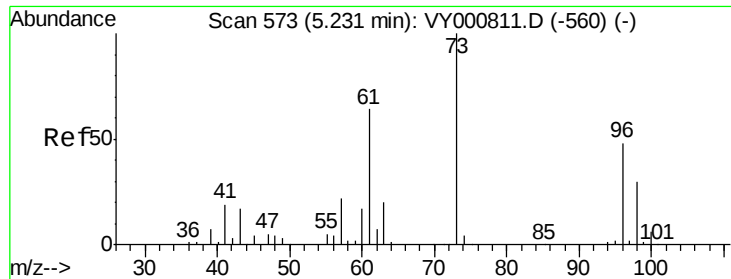
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#20
Methylene Chloride
Concen: 21.646 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 84 Resp: 77616
Ion Ratio Lower Upper
84 100
49 125.4 101.3 151.9
51 38.9 30.6 45.8
86 62.3 51.3 76.9





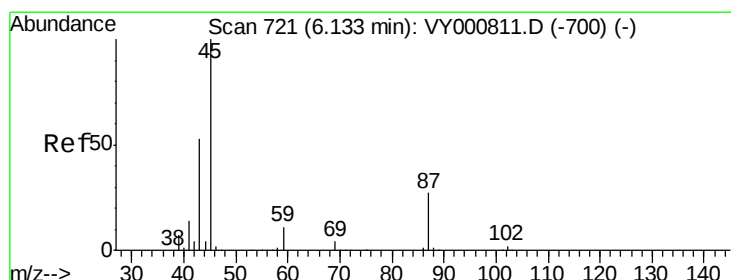
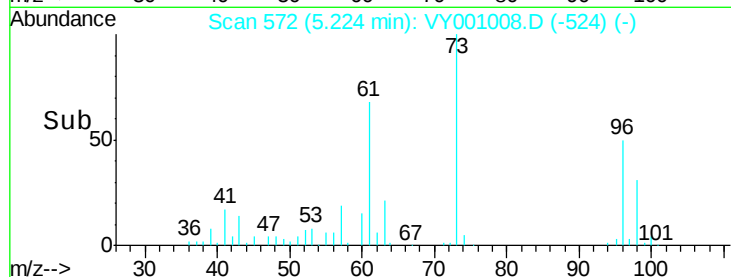
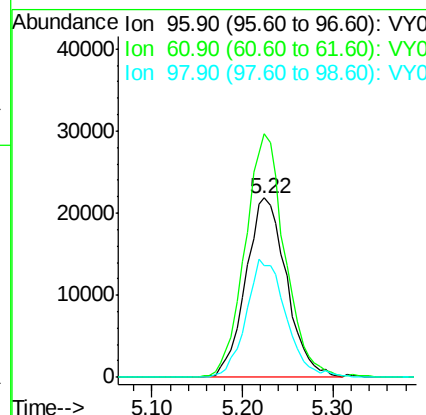
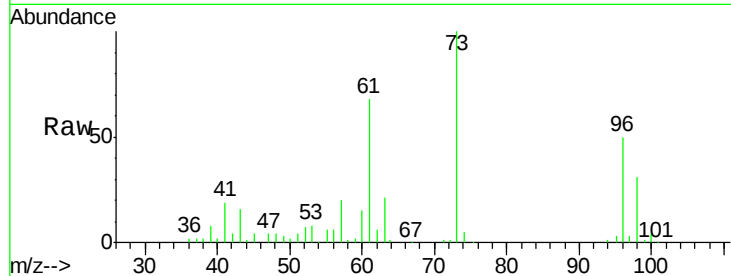
#21
trans-1,2-Dichloroethene
Concen: 19.587 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.7	105.9	158.9
98	62.3	49.4	74.2

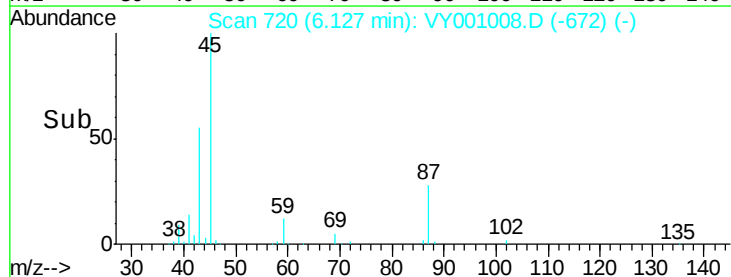
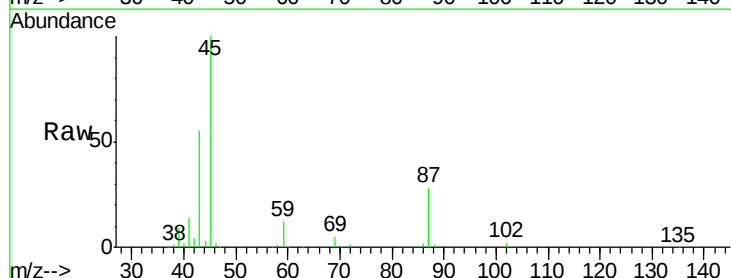
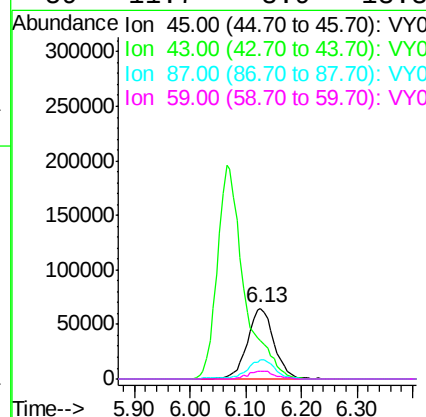
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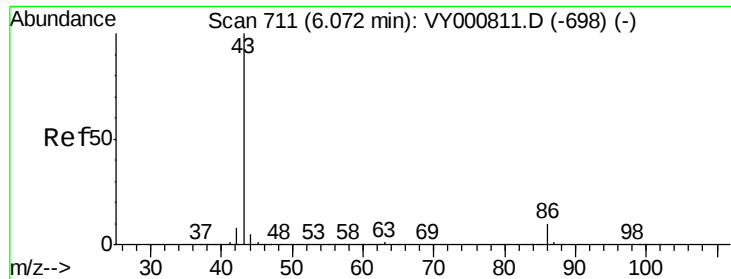
MMDadoda
12/20/2019 10:37:05 AM



#22
Diisopropyl ether
Concen: 20.070 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.7	64.1
87	27.9	22.0	33.0
59	11.7	8.9	13.3





#23

Vinyl Acetate

Concen: 99.947 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 43 Resp: 655219

Ion Ratio Lower Upper

43 100

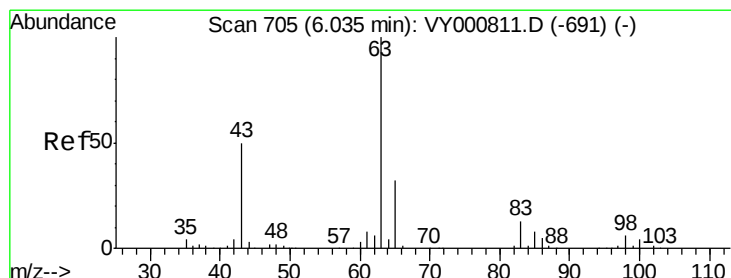
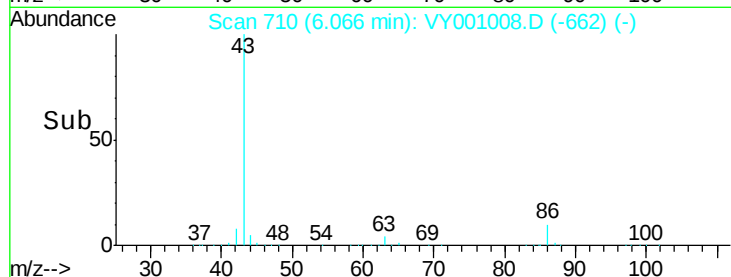
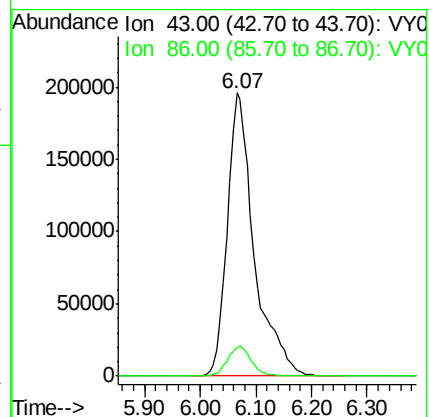
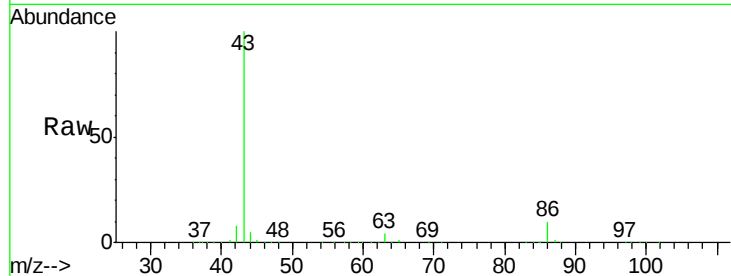
86 10.0 8.3 12.5

Manual Integrations

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MMDadoda

12/20/2019 10:37:05 AM



#24

1,1-Dichloroethane

Concen: 20.486 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

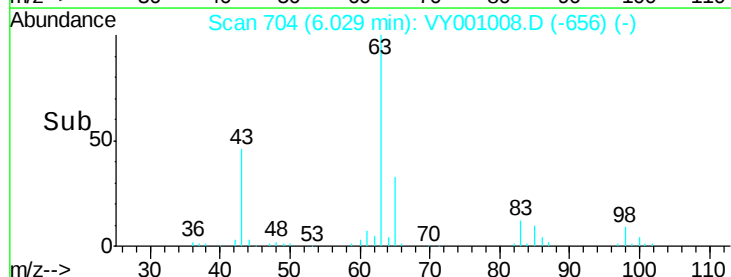
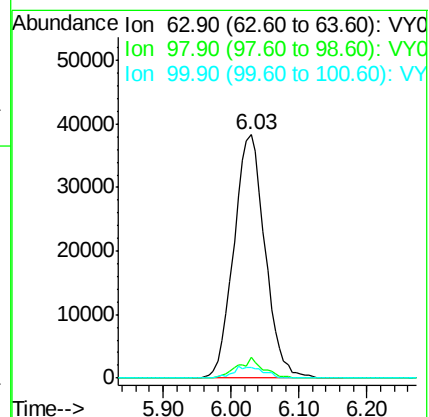
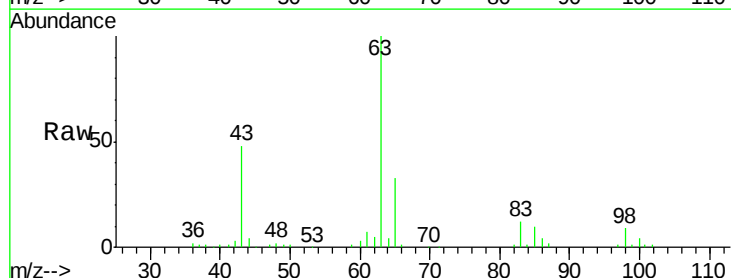
Tgt Ion: 63 Resp: 121756

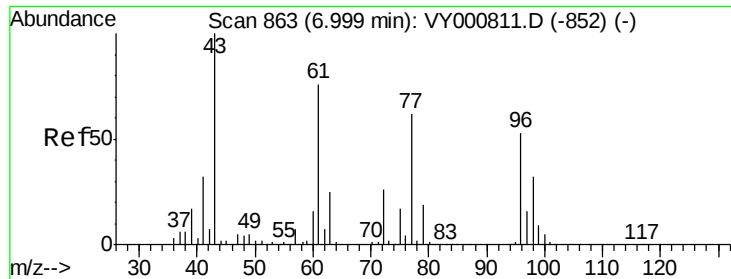
Ion Ratio Lower Upper

63 100

98 8.7 3.3 9.8

100 4.3 2.2 6.6





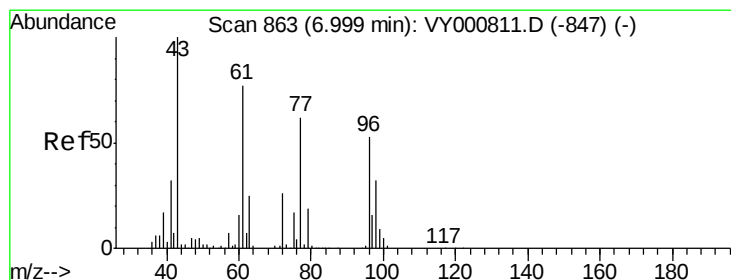
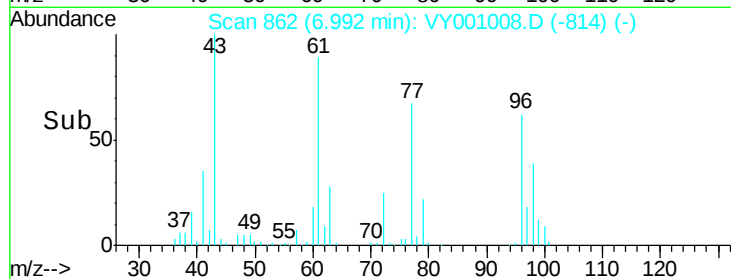
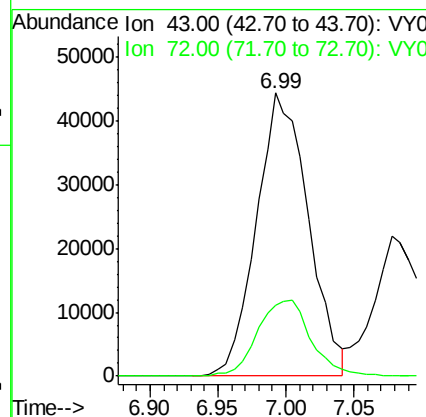
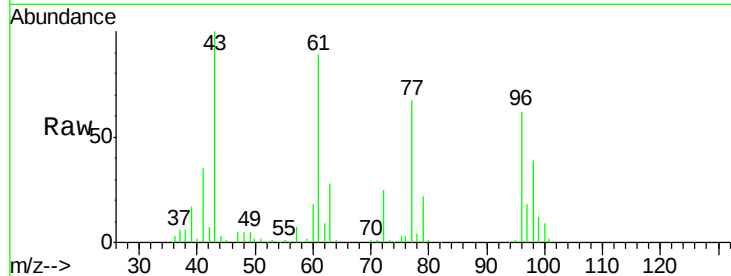
#25
2-Butanone
Concen: 93.919 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 43 Resp: 118020
Ion Ratio Lower Upper
43 100
72 25.2 21.0 31.4

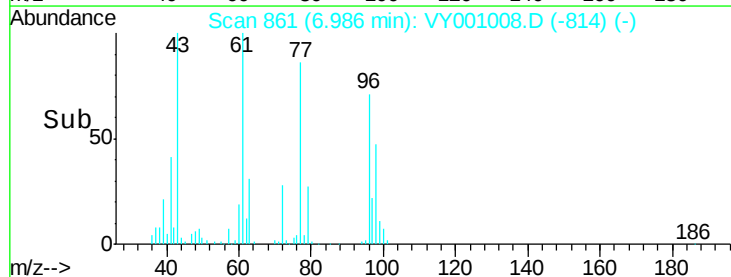
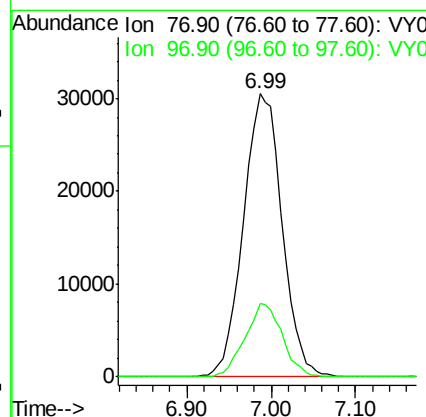
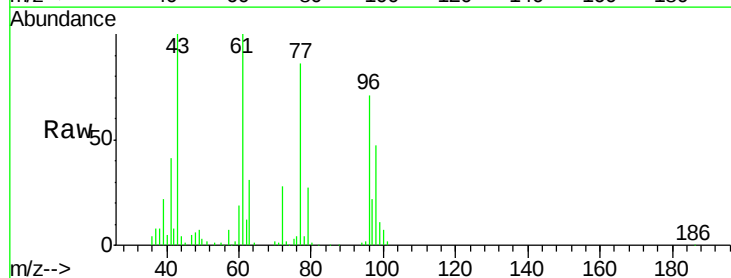
Manual Integrations
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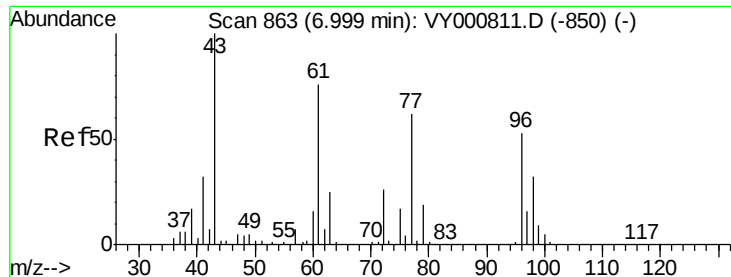
MMDadoda
12/20/2019 10:37:05 AM



#26
2,2-Dichloropropane
Concen: 18.985 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 77 Resp: 94968
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.9





#27

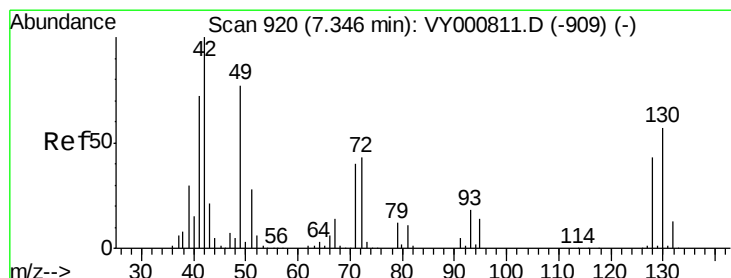
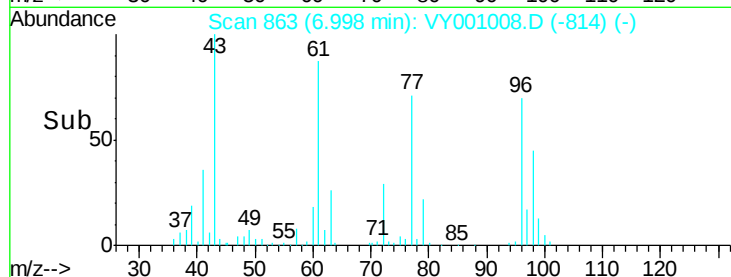
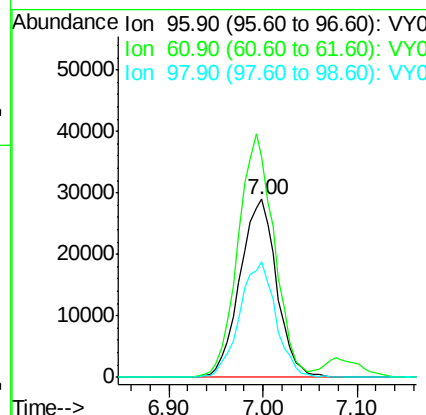
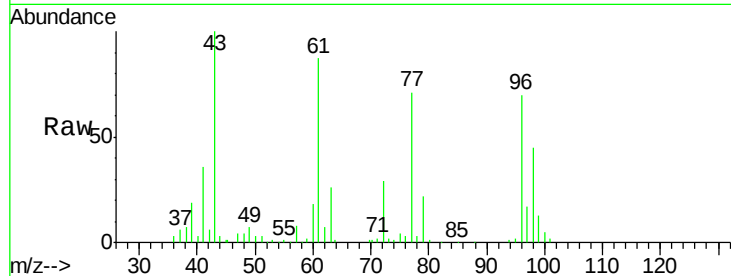
cis-1,2-Dichloroethene
Concen: 21.057 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	285.0
98	63.6	0.0	128.0

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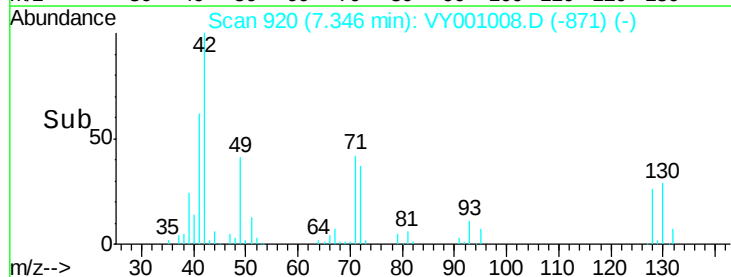
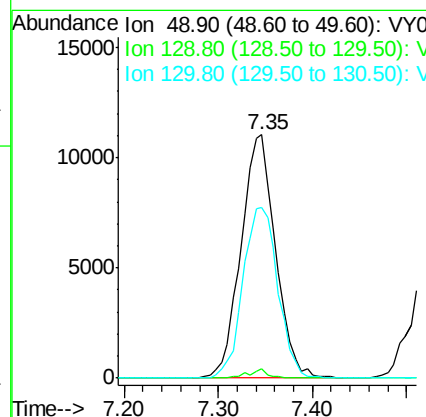
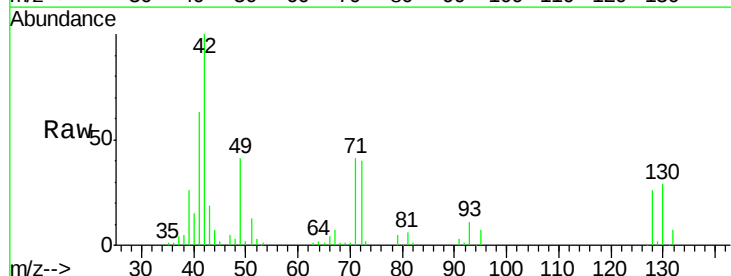
MMDadoda
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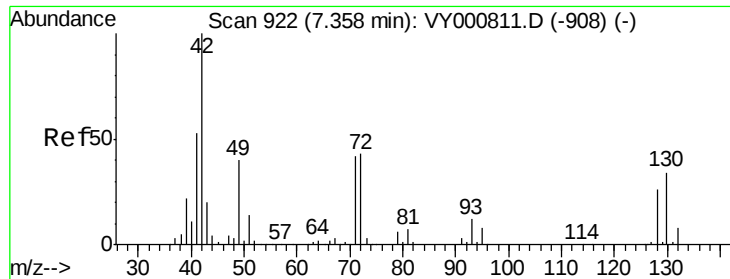


#28

Bromochloromethane
Concen: 14.428 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	71.2	58.7	88.1





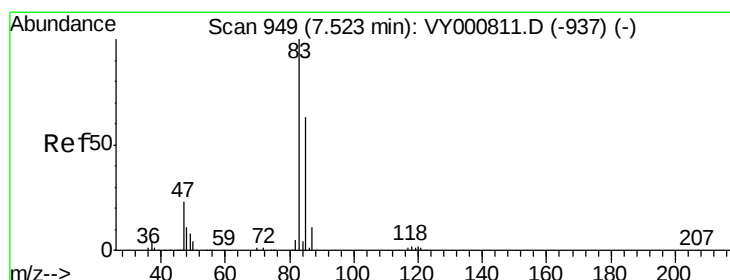
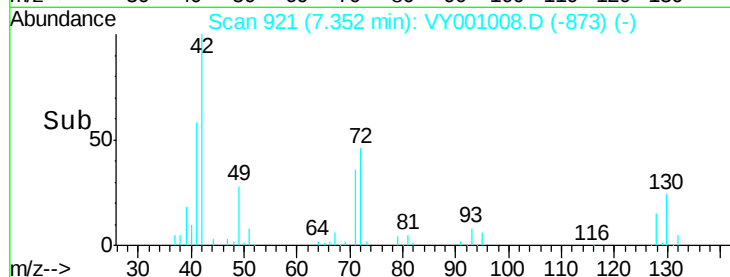
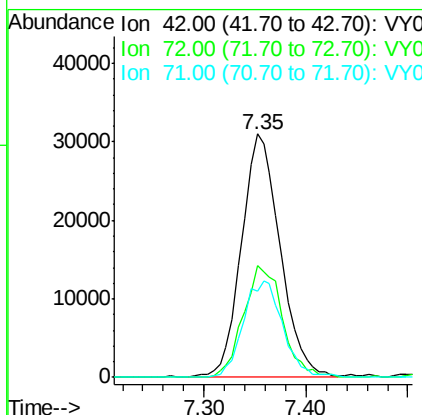
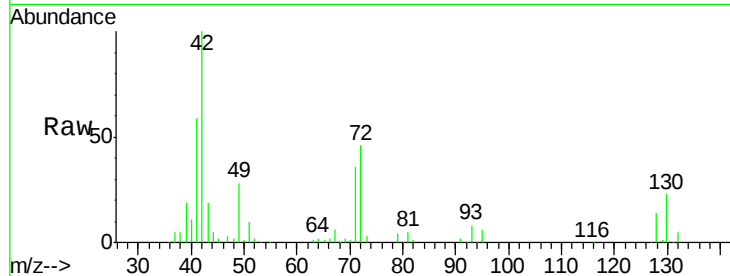
#29
Tetrahydrofuran
Concen: 98.352 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	35.1	52.7
71	40.5	32.8	49.2

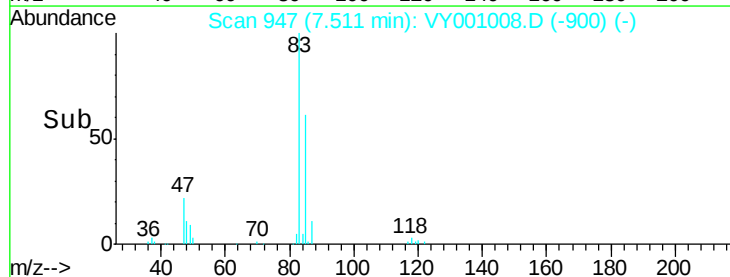
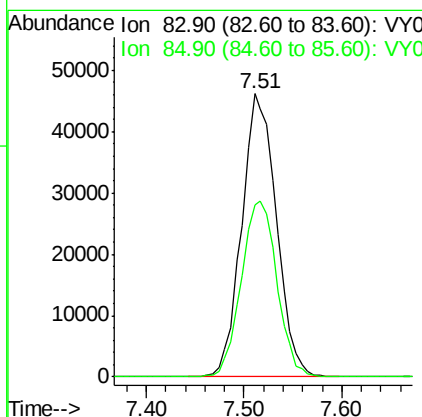
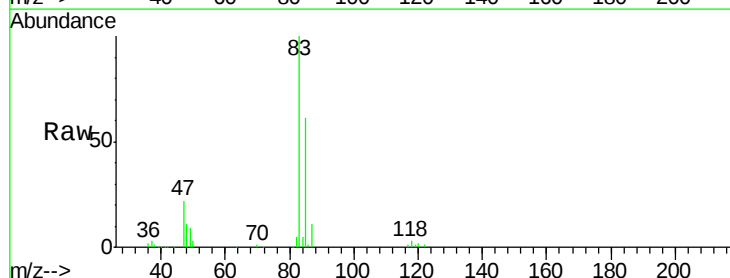
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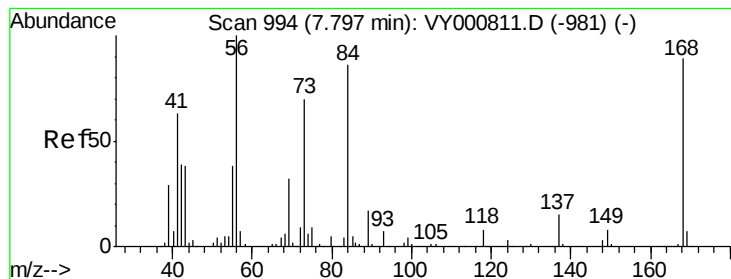
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#30
Chloroform
Concen: 19.084 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.4	75.6





#31

Cyclohexane

Concen: 18.910 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 56 Resp: 119062

Ion Ratio Lower Upper

56 100

69 42.5 25.9 38.9#

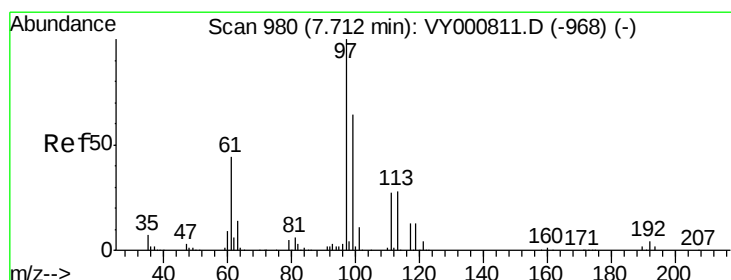
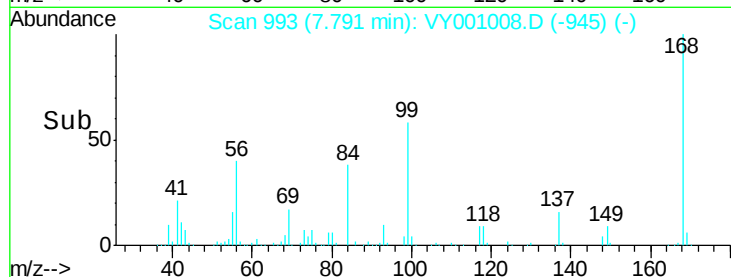
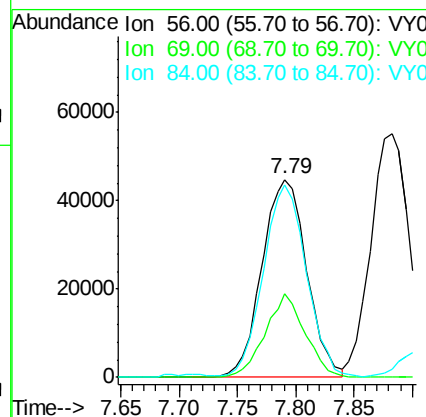
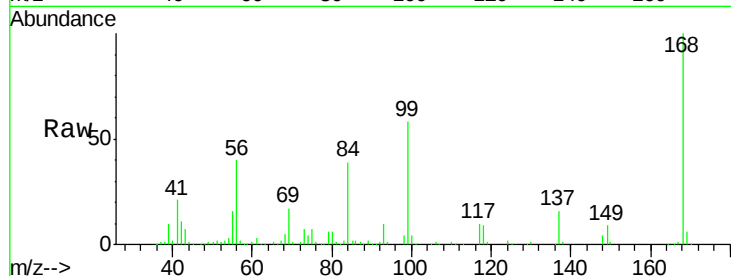
84 95.7 68.6 102.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.961 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

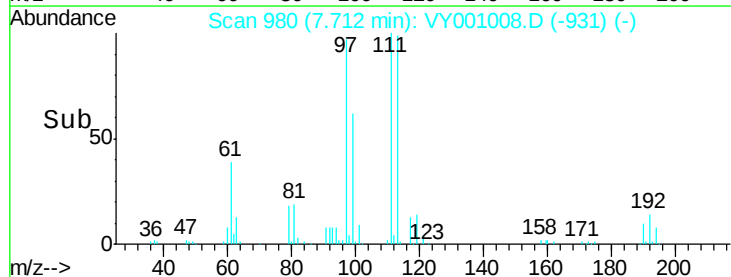
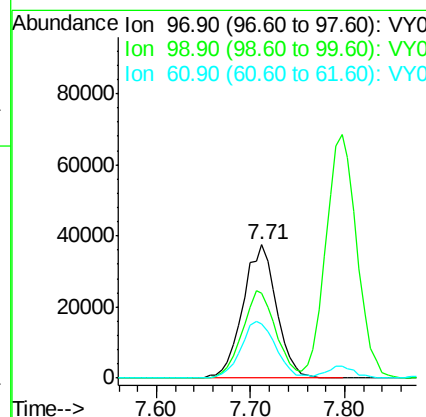
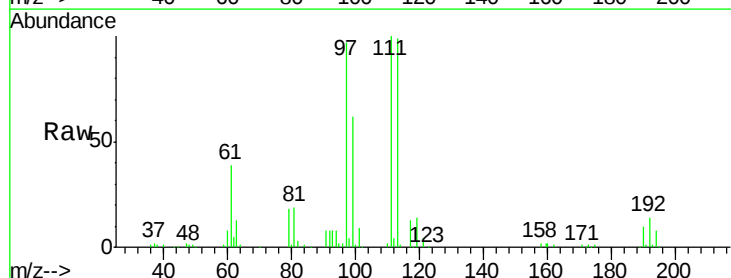
Tgt Ion: 97 Resp: 93353

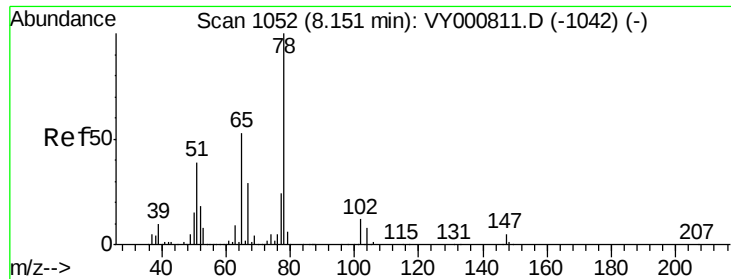
Ion Ratio Lower Upper

97 100

99 65.7 51.7 77.5

61 43.8 35.0 52.6





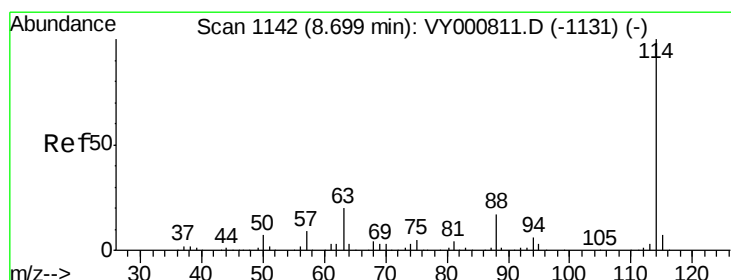
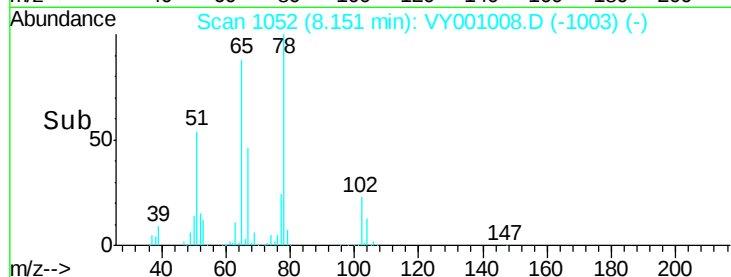
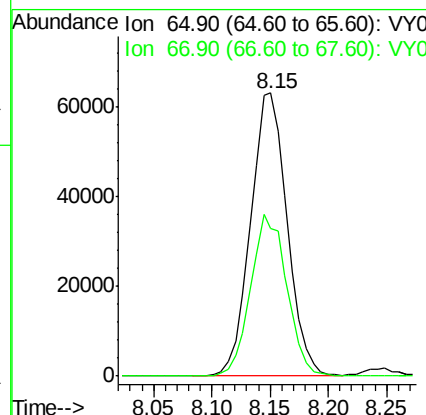
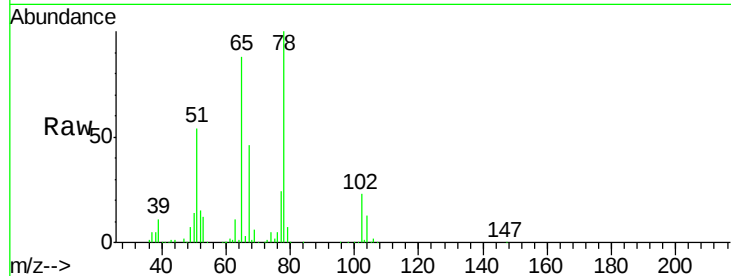
#33
 1,2-Dichloroethane-d4
 Concen: 46.714 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.3	0.0	112.0	

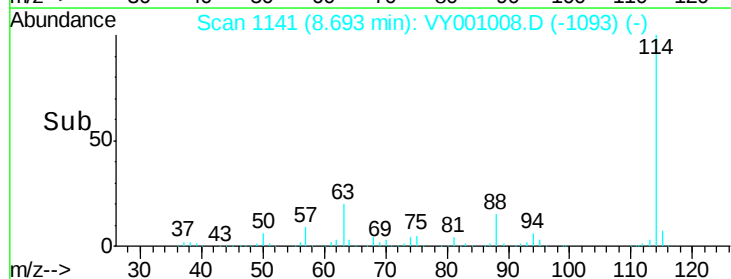
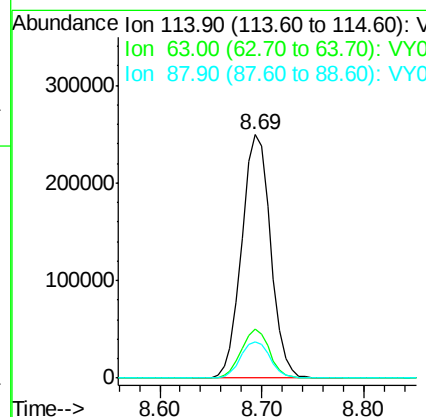
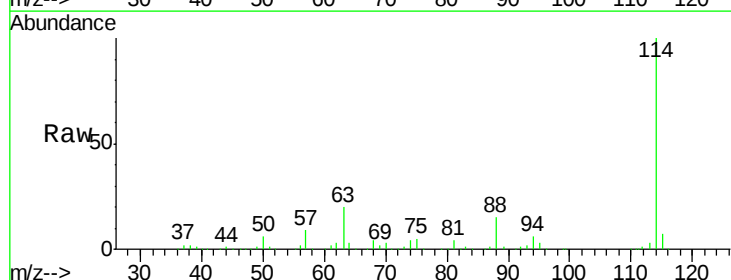
Manual Integrations
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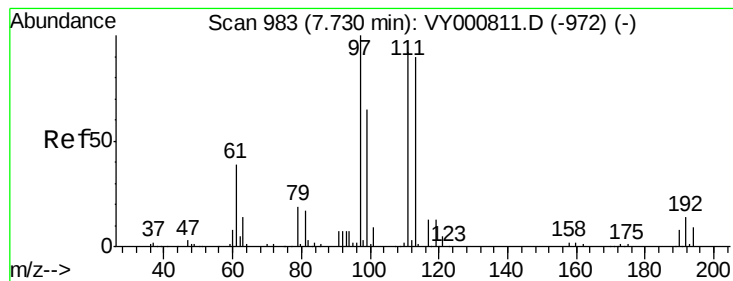
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	39.8	
88	14.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 48.000 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion:113 Resp: 136972

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

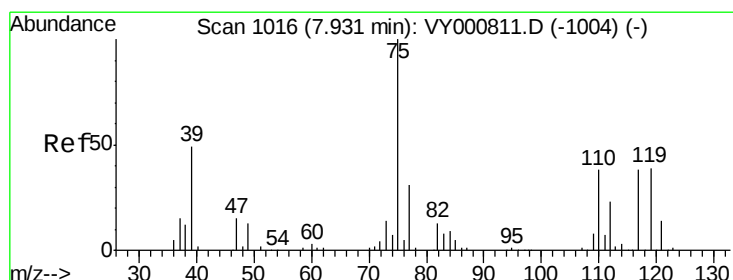
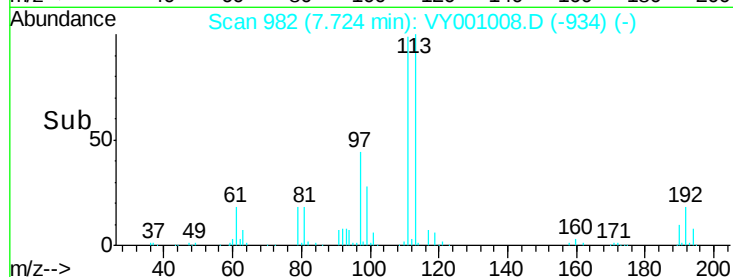
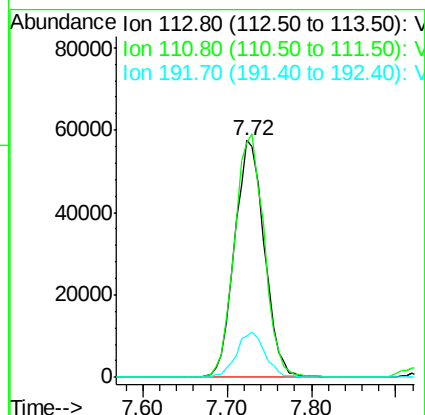
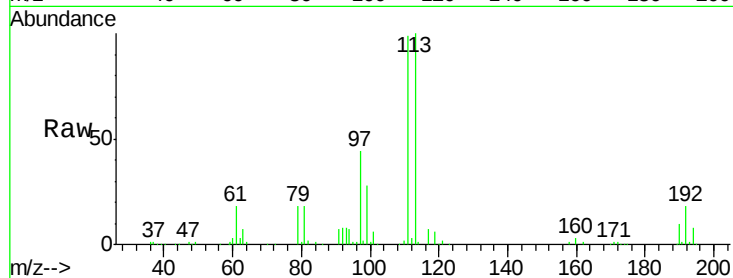
192 18.2 14.2 21.2

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 19.575 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

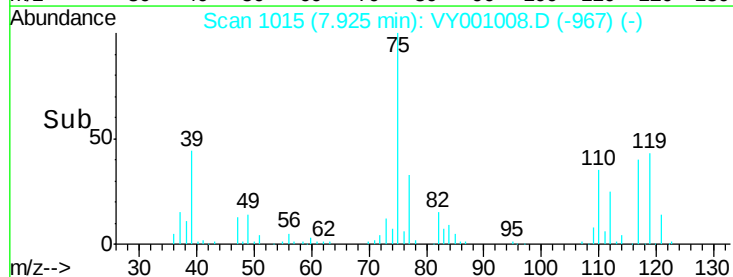
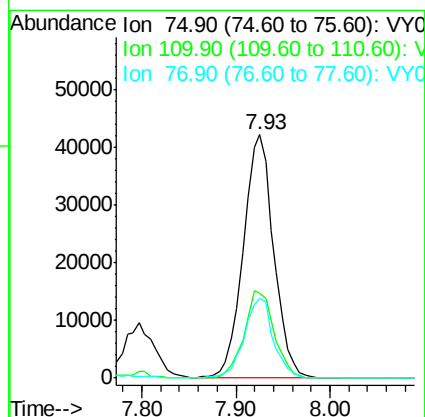
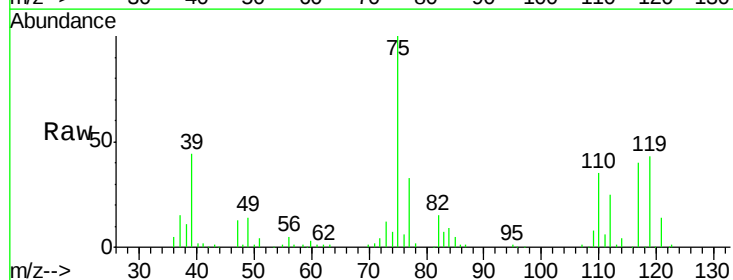
Tgt Ion: 75 Resp: 95299

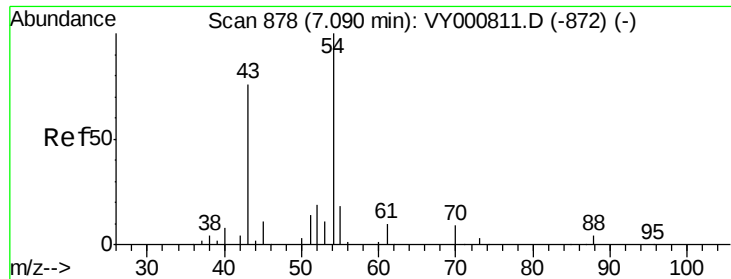
Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

77 31.5 24.7 37.1





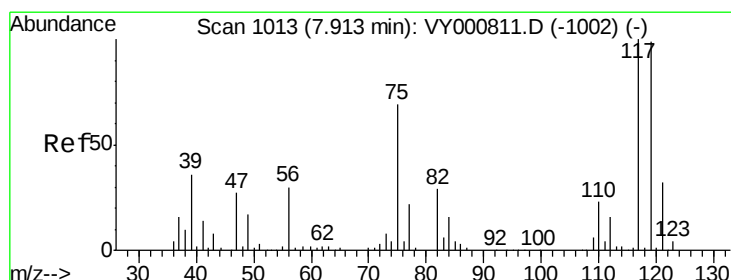
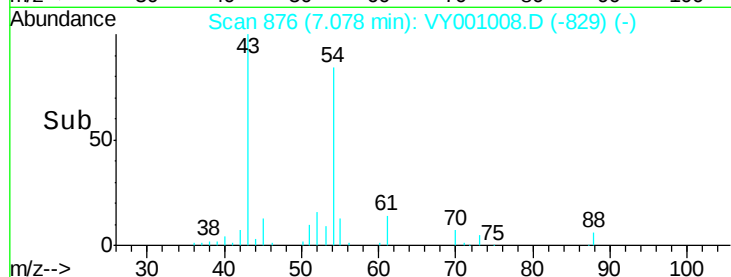
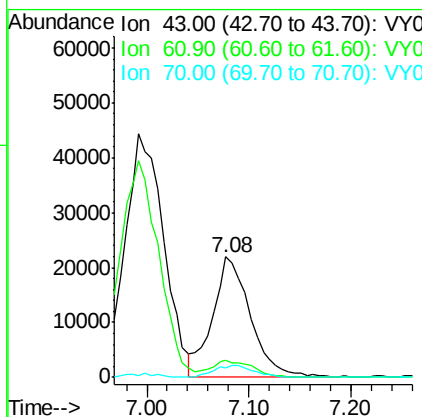
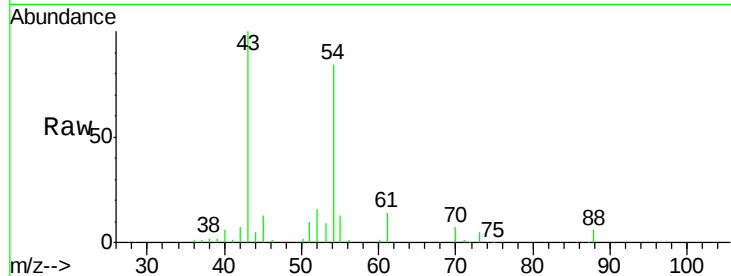
#37
Ethyl Acetate
Concen: 19.982 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	10.2	8.7	13.1

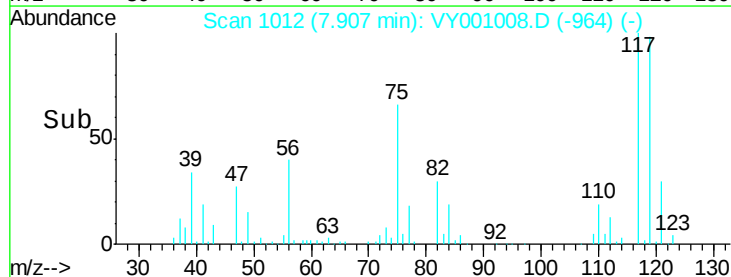
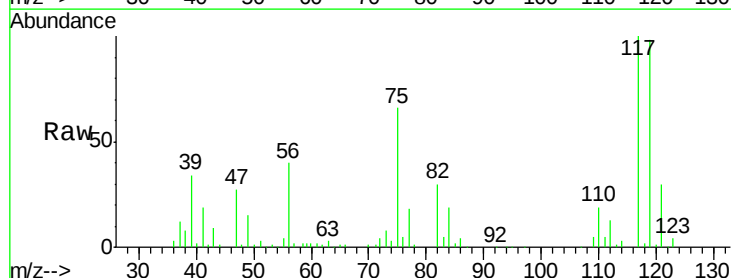
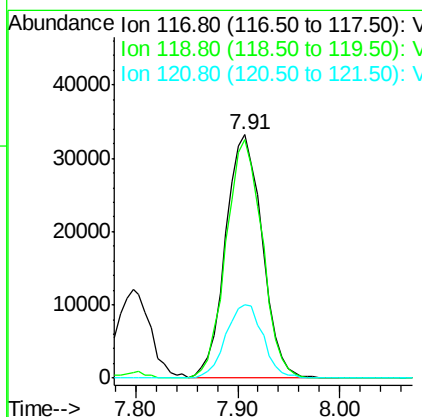
Manual Integrations
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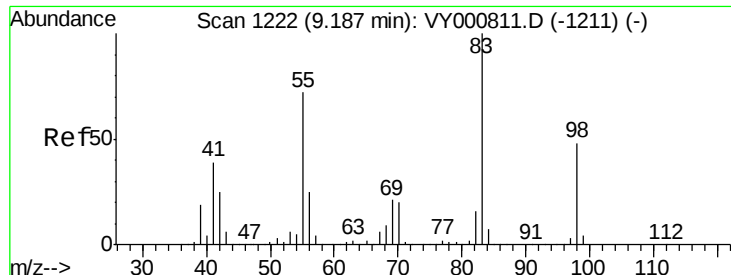
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#38
Carbon Tetrachloride
Concen: 19.123 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	79.3	118.9
121	30.2	25.5	38.3





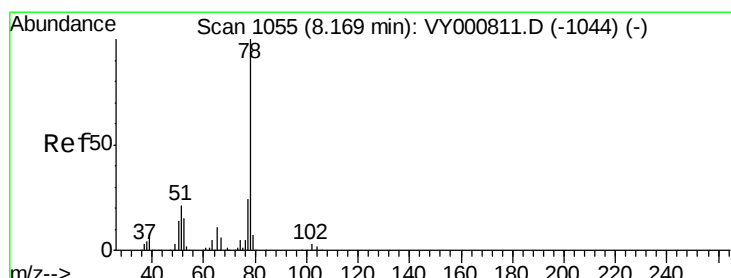
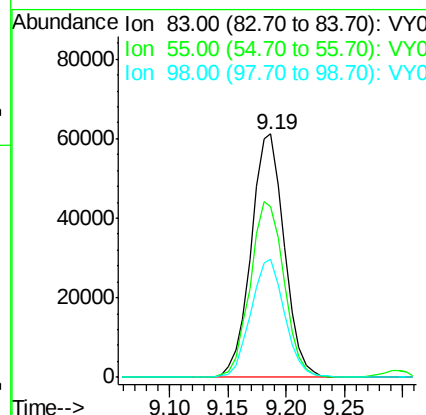
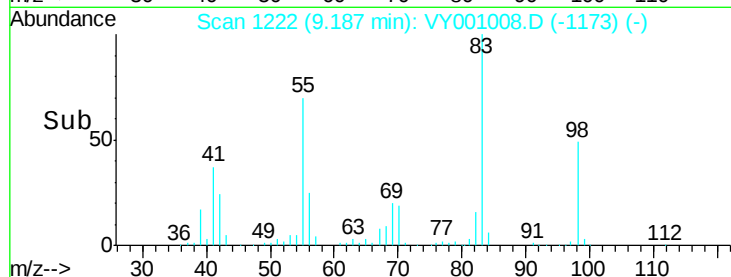
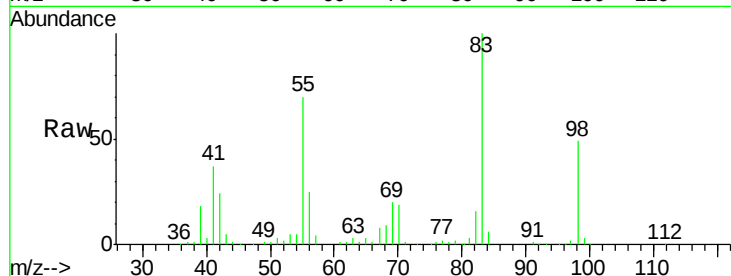
#39
Methvlcvclohexane
Concen: 18.906 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	57.8	86.6
98	48.6	38.6	58.0

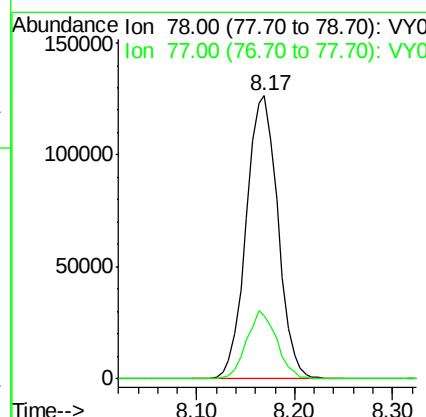
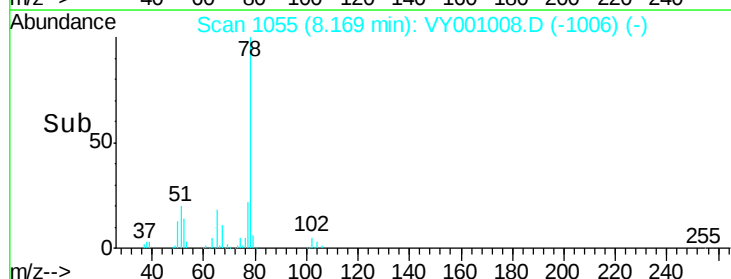
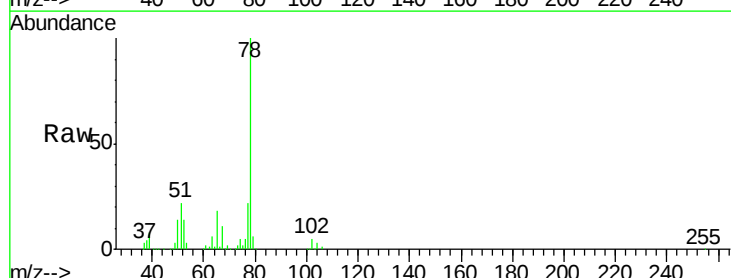
Manual Integrations
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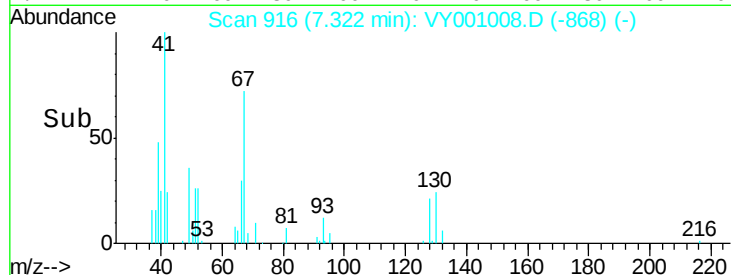
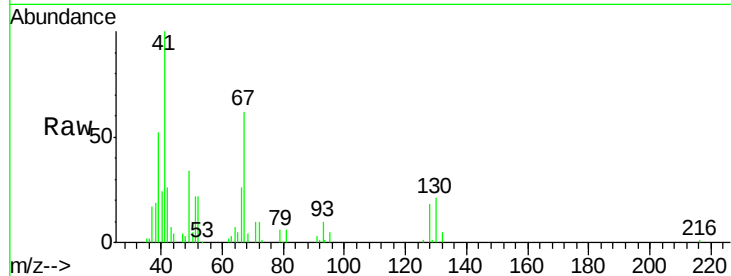
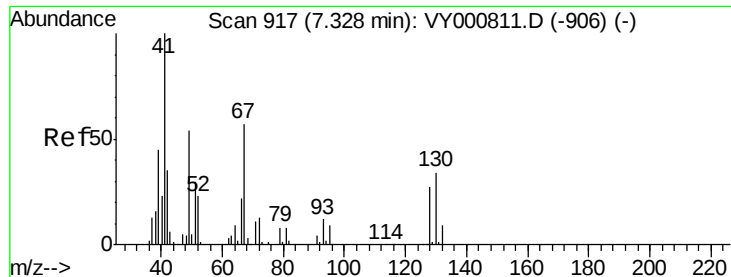
MMDadoda
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#40
Benzene
Concen: 20.011 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.2	28.8





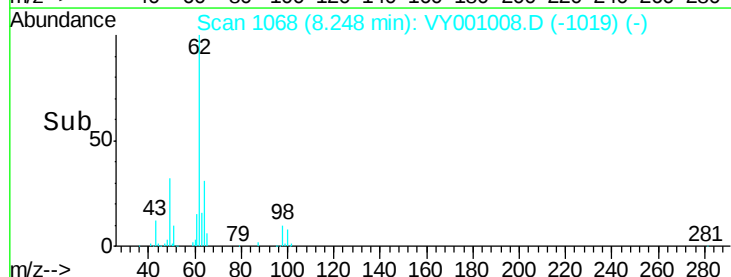
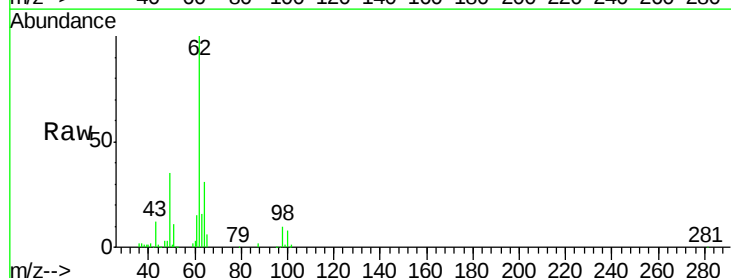
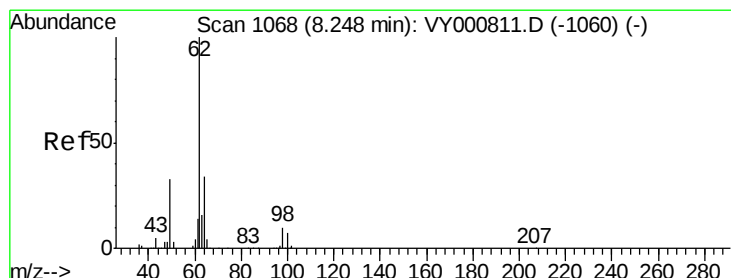
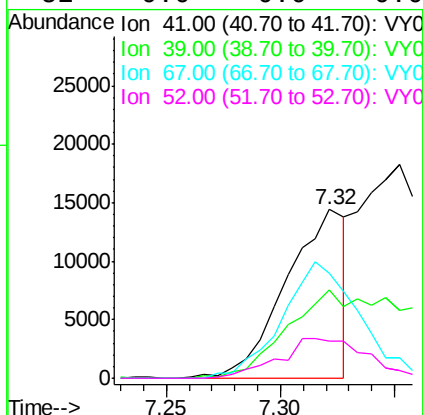
#41
Methacrylonitrile
Concen: 17.974 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tot Ion	41	Resp	26630
Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

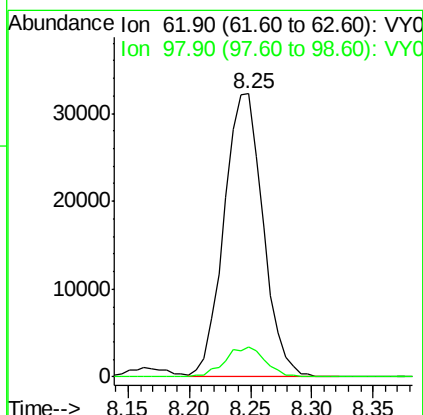
Manual Integrations
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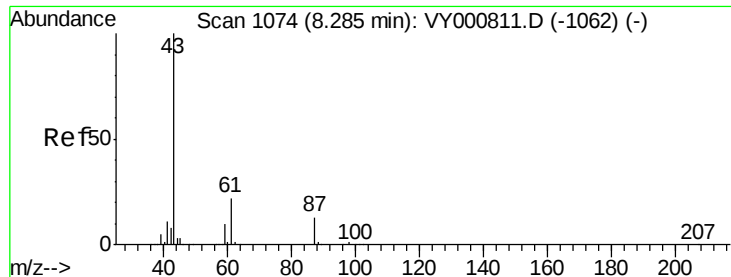
MMDadoda
12/20/2019 10:37:05 AM



#42
1,2-Dichloroethane
Concen: 19.111 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	62	Resp	71272
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4





#43

Isopropyl Acetate

Concen: 18.923 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

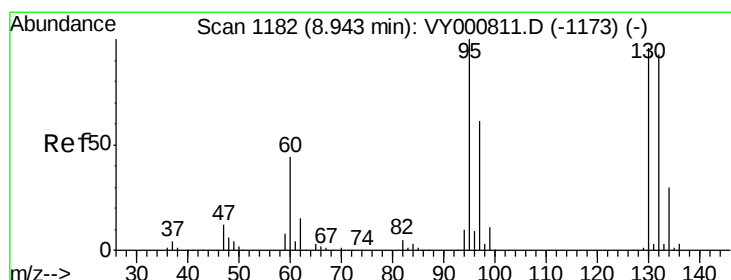
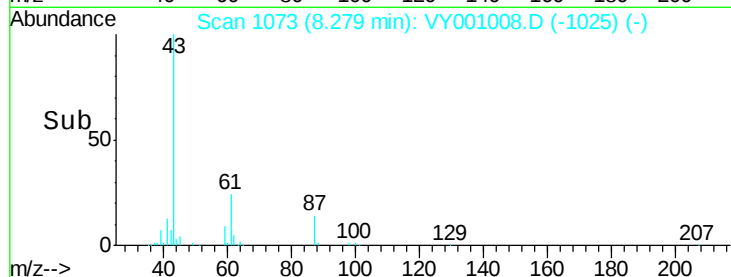
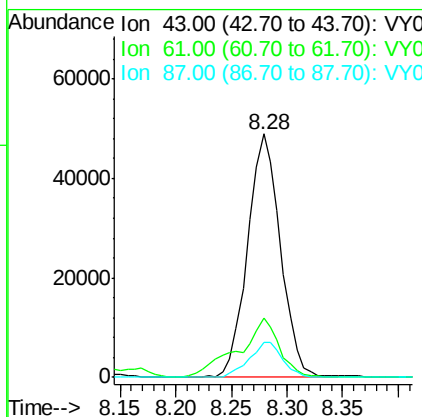
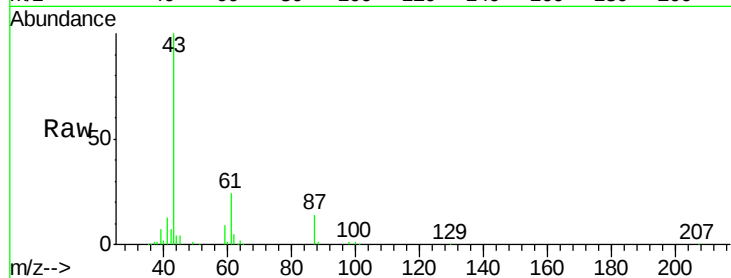
ClientSampleId :

VY1219SBS01

Tot Ion:	43	Resp:	100247
Ion	Ratio	Lower	Upper
43	100		
61	30.9	23.7	35.5
87	14.6	10.6	15.8

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#44

Trichloroethene

Concen: 20.063 ug/l

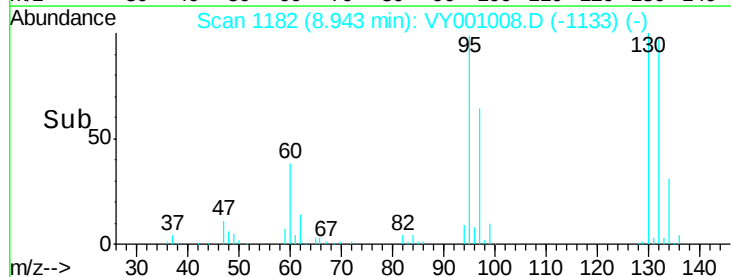
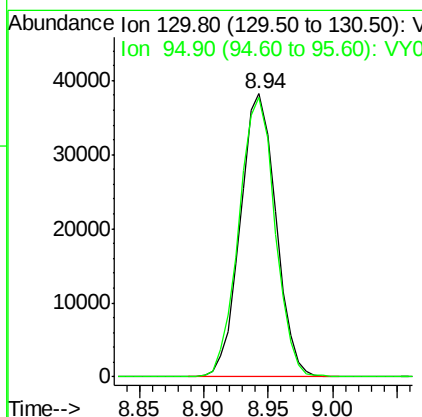
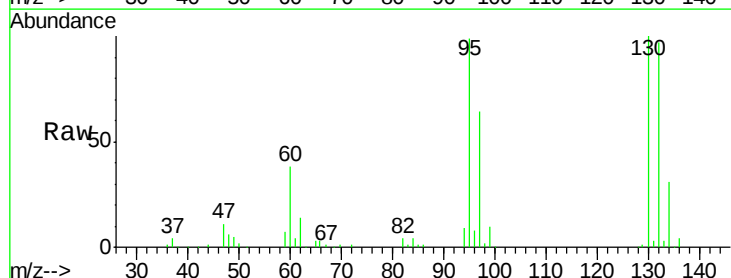
RT: 8.94 min Scan# 1182

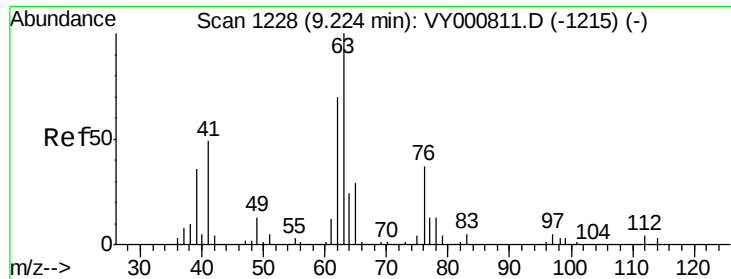
Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion:	130	Resp:	73119
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	207.8





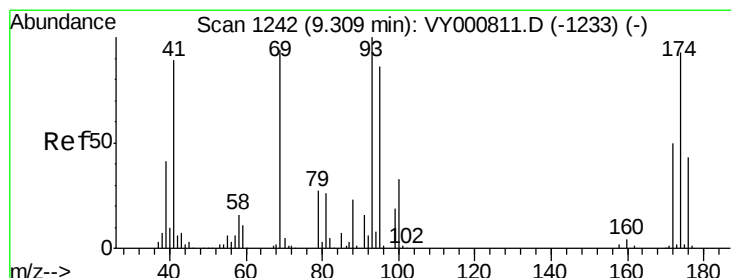
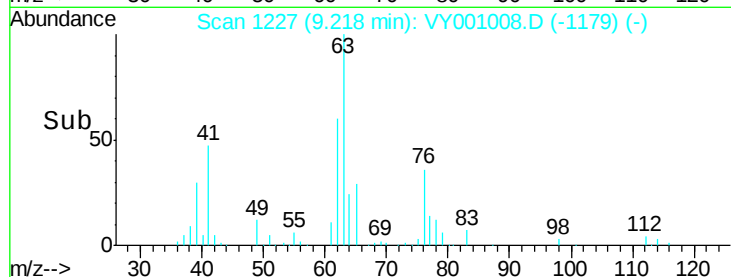
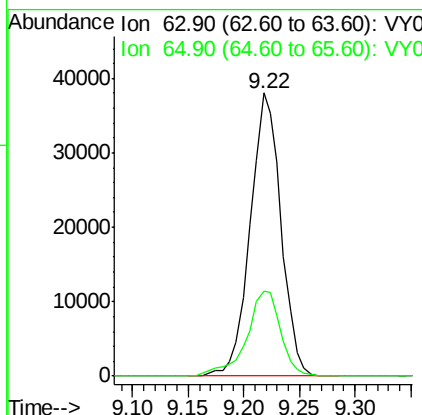
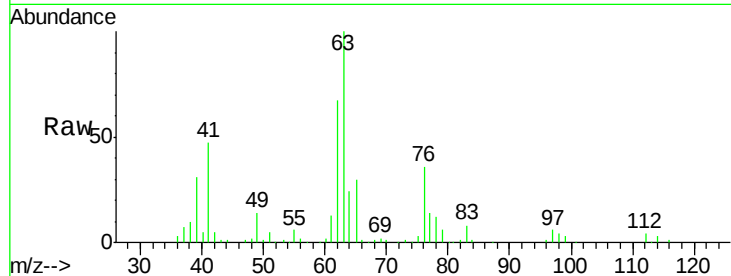
#45
 1,2-Dichloropropane
 Concen: 20.484 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion: 63 Resp: 72963
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.2 34.8

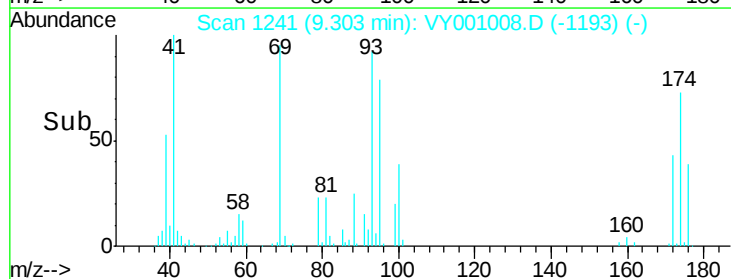
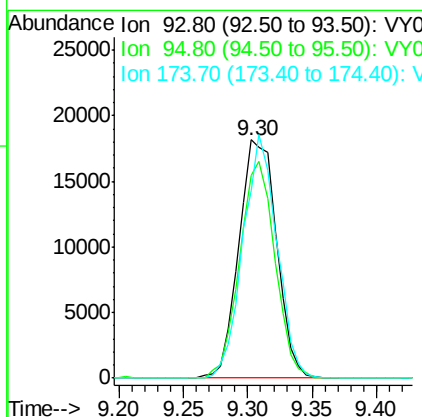
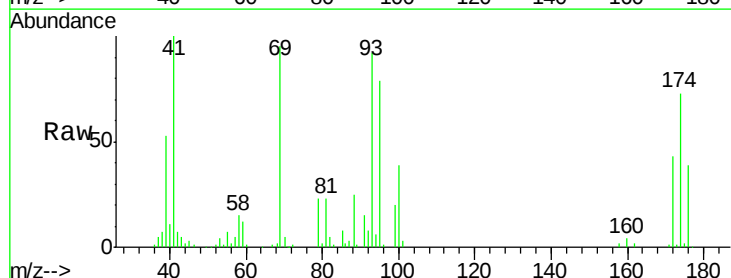
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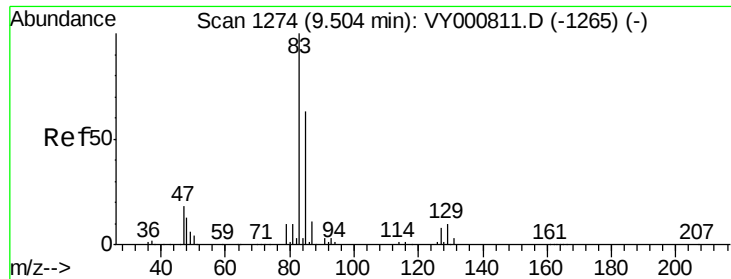
MMDadoda
 12/20/2019 10:37:05 AM



#46
 Dibromomethane
 Concen: 19.753 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 93 Resp: 36762
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.4 99.6
 174 91.6 73.0 109.6





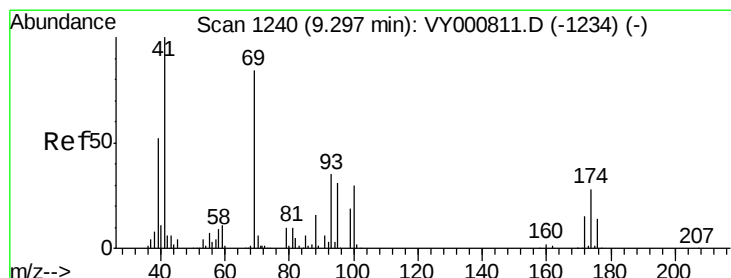
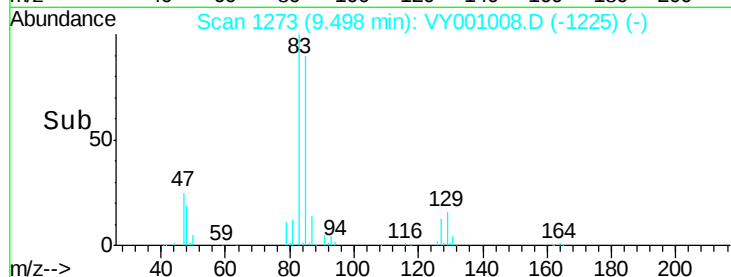
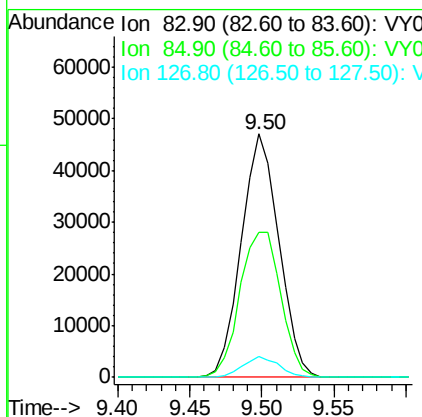
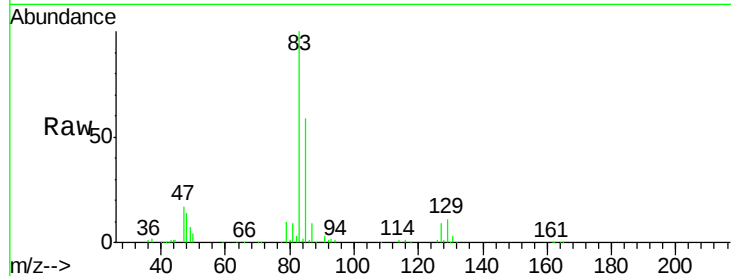
#47
Bromodichloromethane
Concen: 19.508 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.8	76.2
127	8.6	6.6	10.0

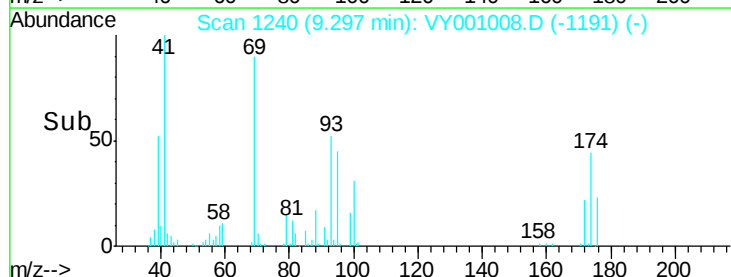
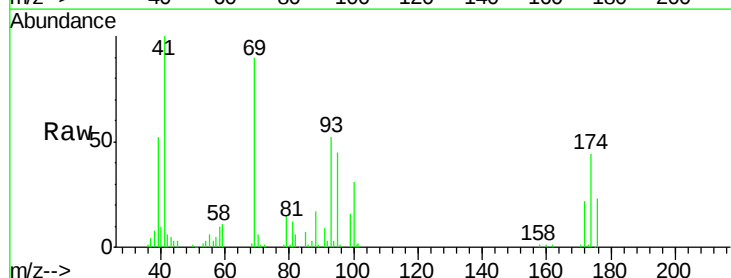
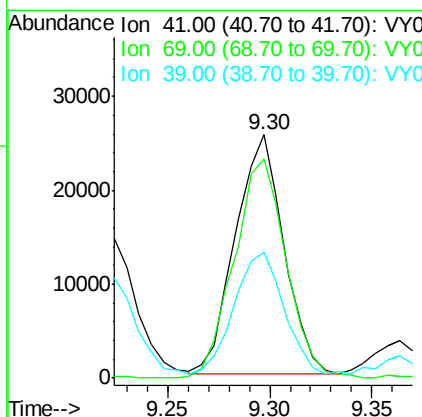
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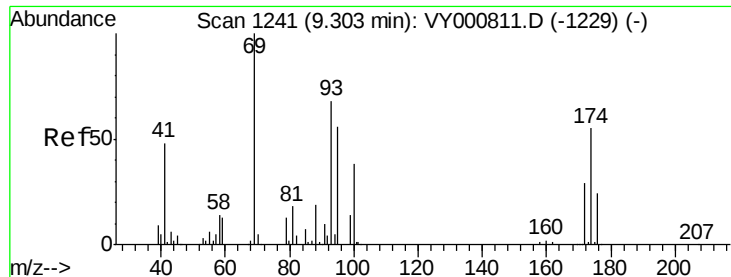
MMDadoda
12/20/2019 10:37:05 AM



#48
Methyl methacrylate
Concen: 18.112 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.2	70.4	105.6
39	52.7	40.9	61.3





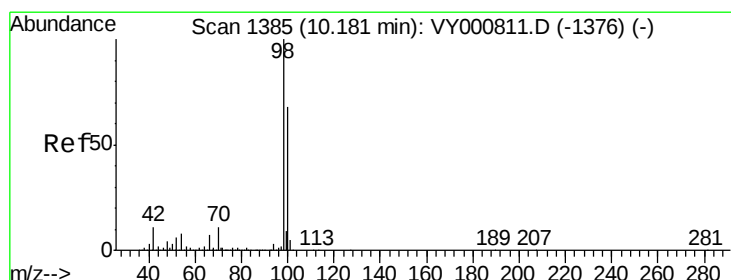
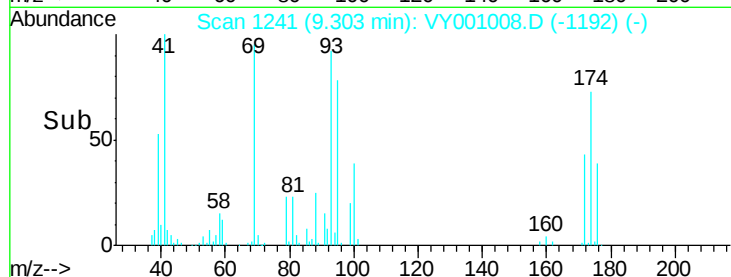
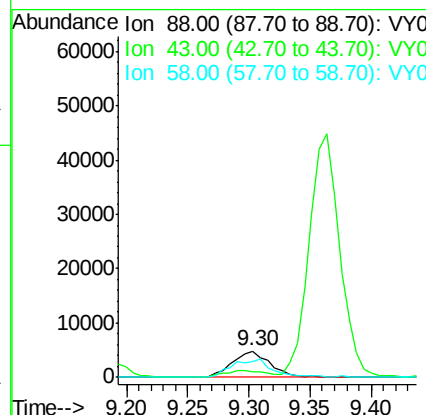
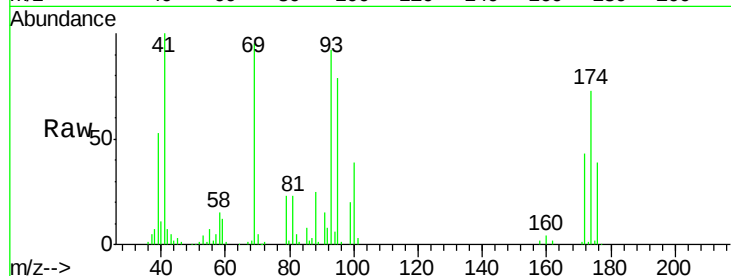
#49
1,4-Dioxane
Concen: 393.315 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	88	Resp	10372
Ion Ratio	Lower	Upper	
88	100		
43	28.5	21.1	31.7
58	70.3	50.7	76.1

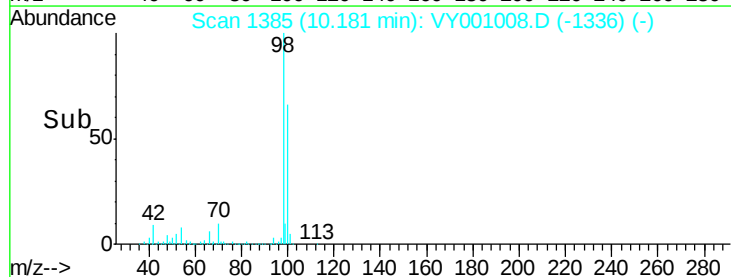
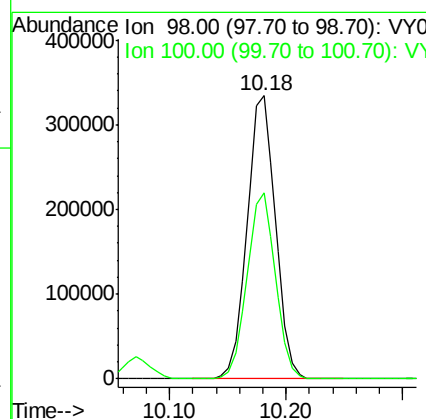
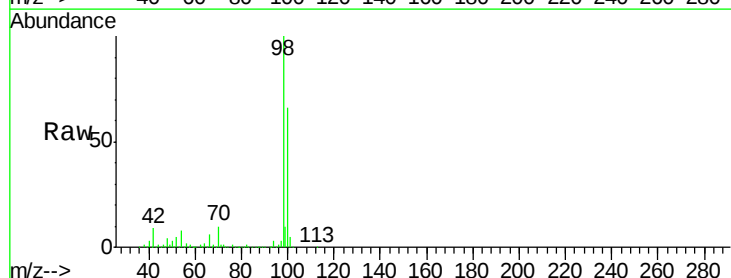
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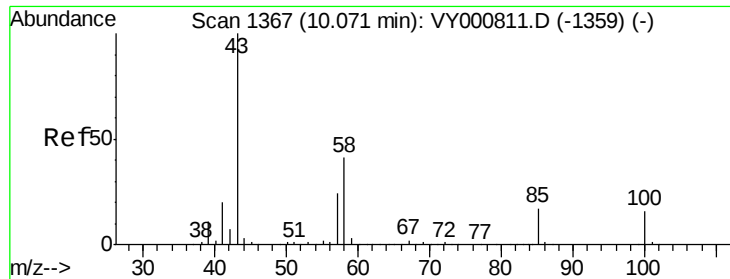
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12/20/2019 10:37:05 AM



#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	98	Resp	567804
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 96.091 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 43 Resp: 263009

Ion Ratio Lower Upper

43 100

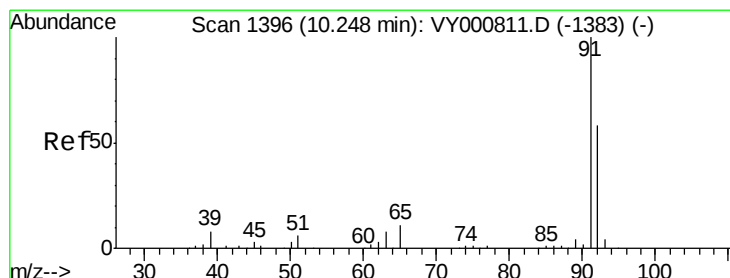
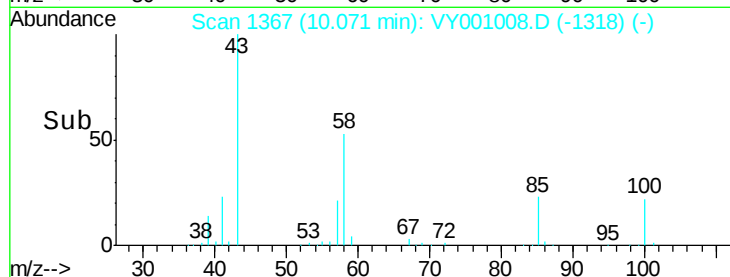
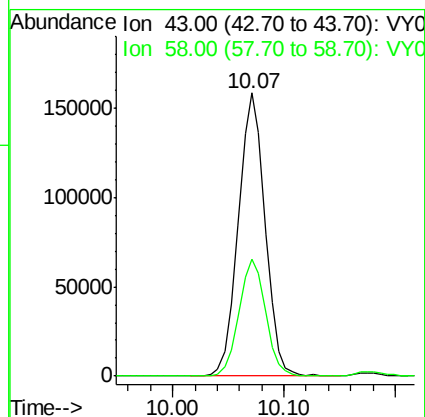
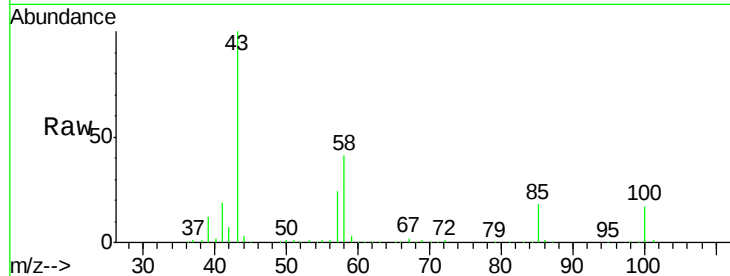
58 41.1 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 19.784 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY001008.D

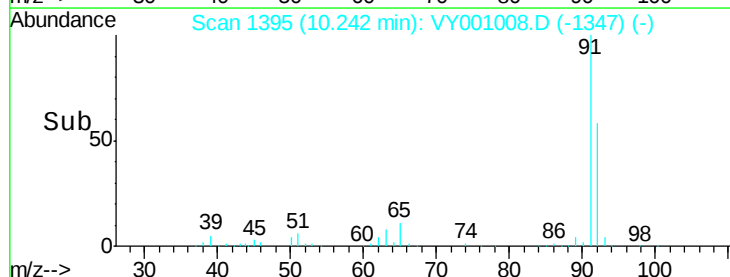
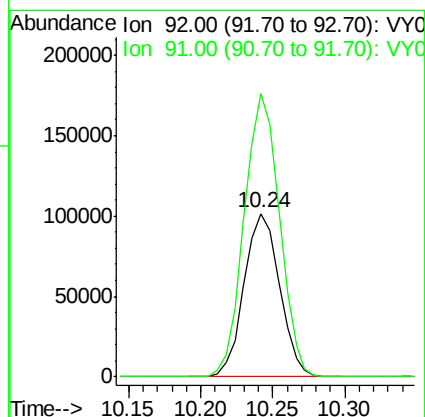
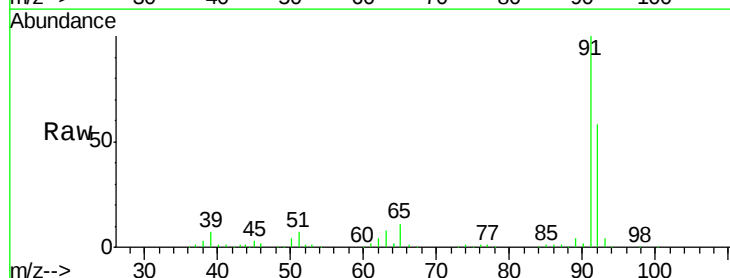
Acq: 19 Dec 2019 12:30

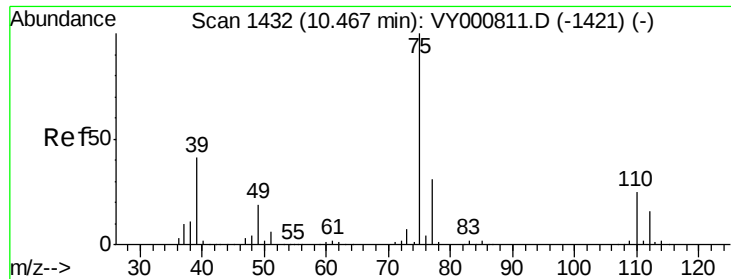
Tgt Ion: 92 Resp: 173708

Ion Ratio Lower Upper

92 100

91 172.2 136.6 204.8





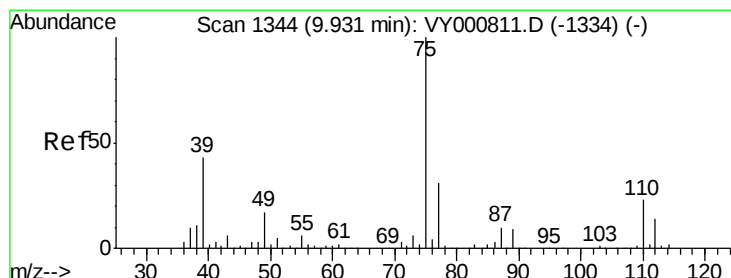
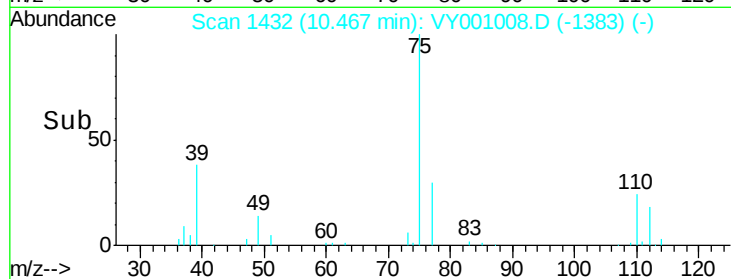
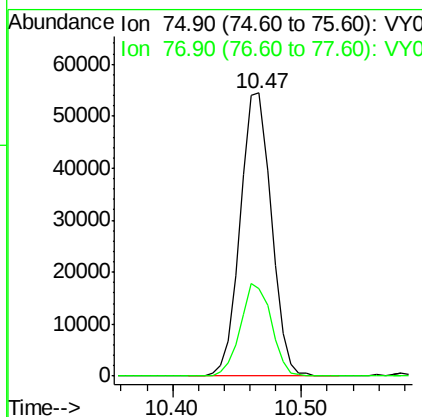
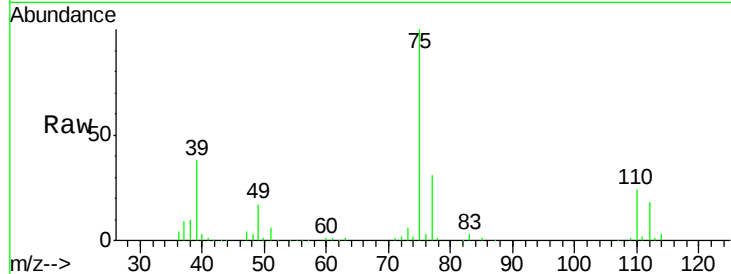
#53
t-1,3-Dichloropropene
Concen: 19.348 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 75 Resp: 90882
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7

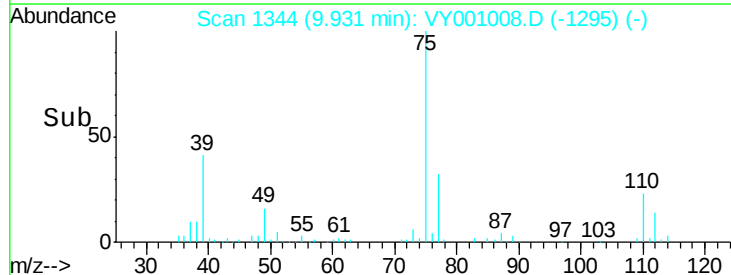
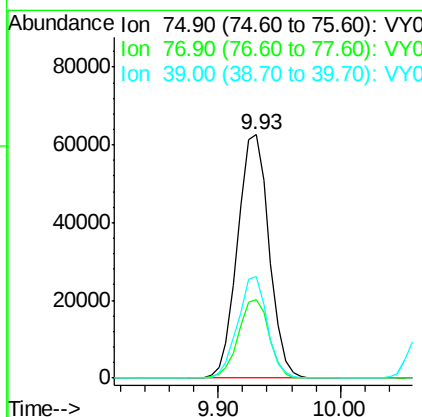
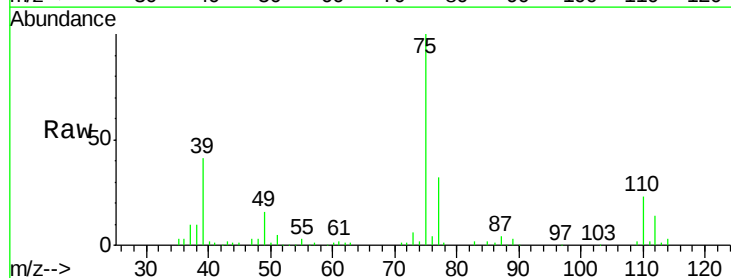
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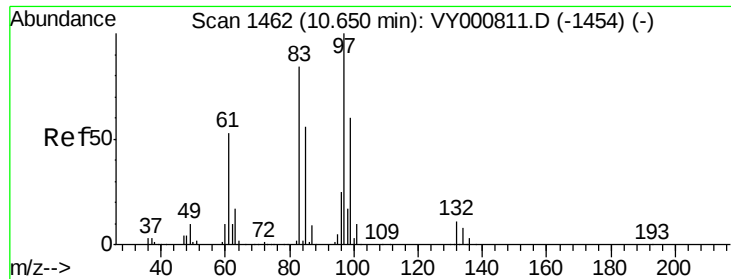
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#54
cis-1,3-Dichloropropene
Concen: 20.106 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 75 Resp: 111630
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 41.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.612 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

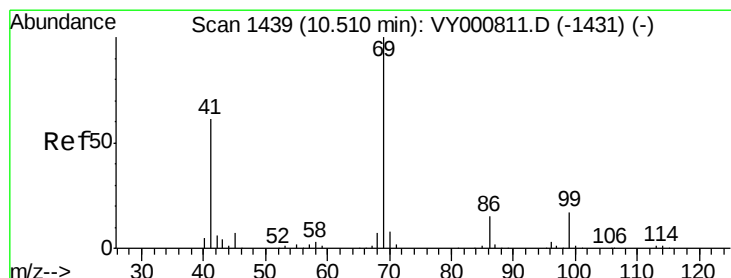
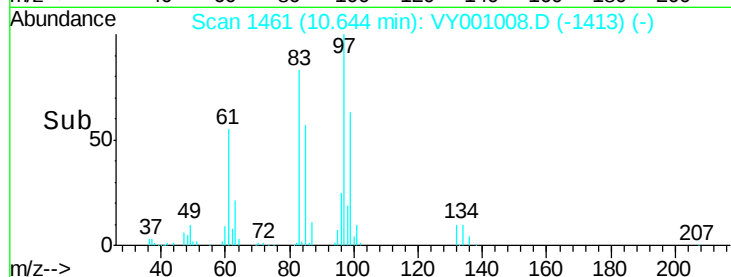
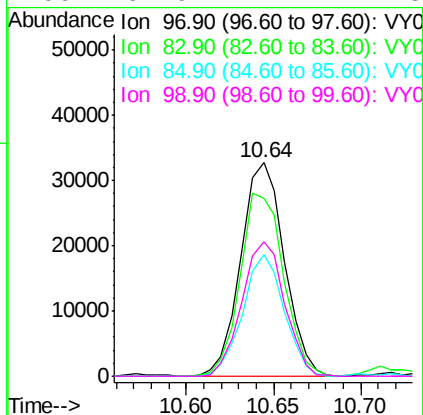
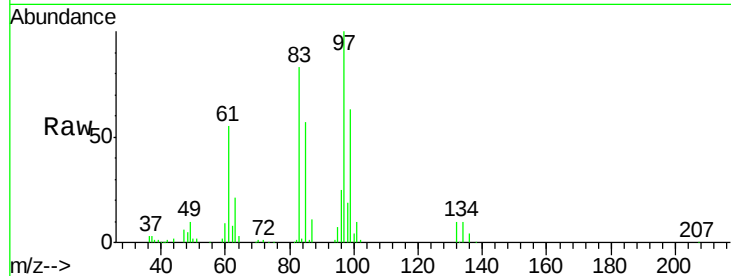
ClientSampleId :

VY1219SBS01

Tot Ion:	97	Resp:	56677
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.5	101.3
85	56.7	44.5	66.7
99	62.9	47.7	71.5

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#56

Ethyl methacrylate

Concen: 20.161 ug/l

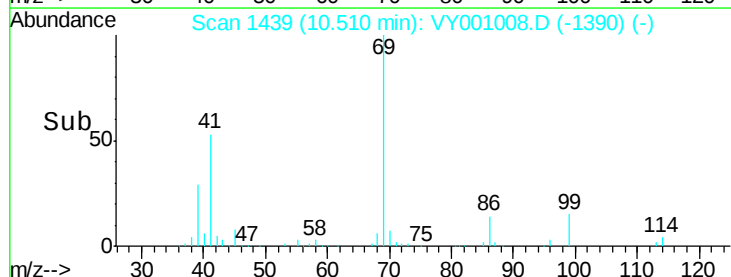
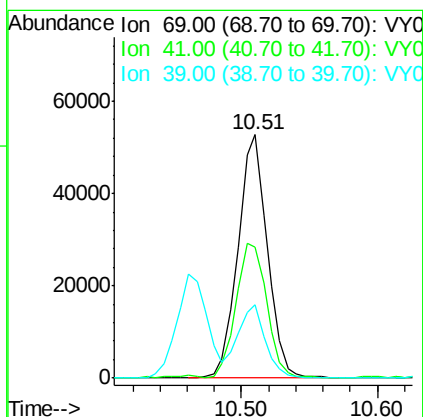
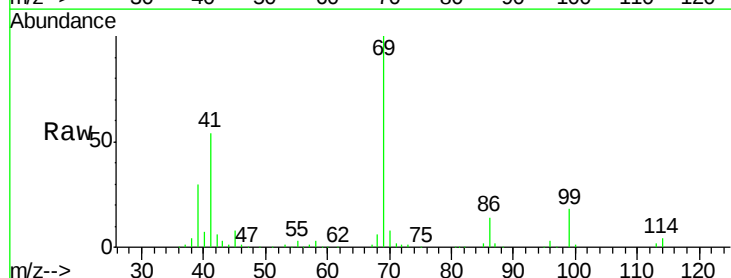
RT: 10.51 min Scan# 1439

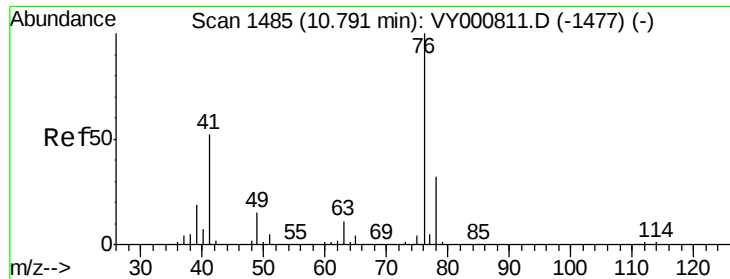
Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion:	69	Resp:	79304
Ion	Ratio	Lower	Upper
69	100		
41	58.3	49.0	73.6
39	28.5	23.1	34.7





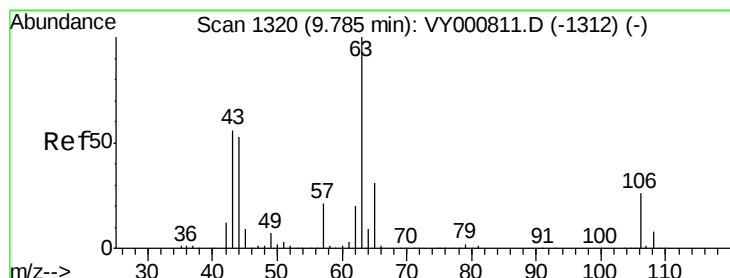
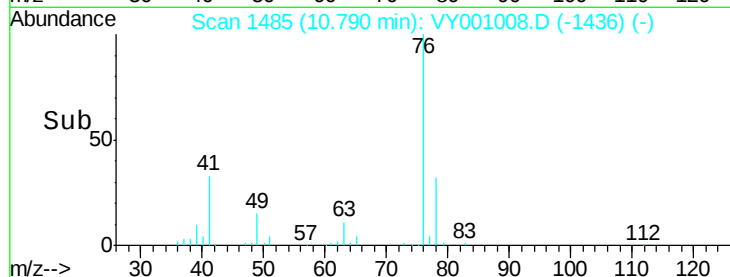
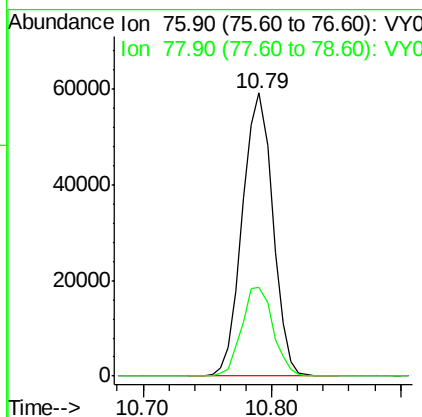
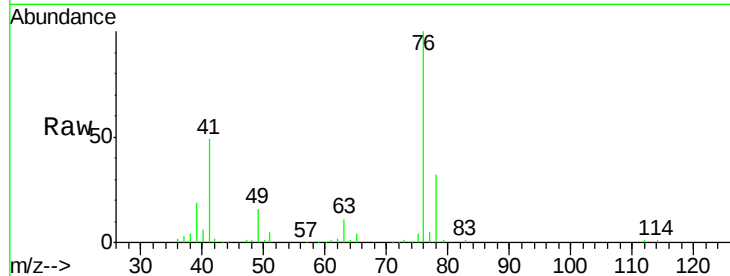
#57
 1,3-Dichloropropane
 Concen: 20.169 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion: 76 Resp: 96658
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6

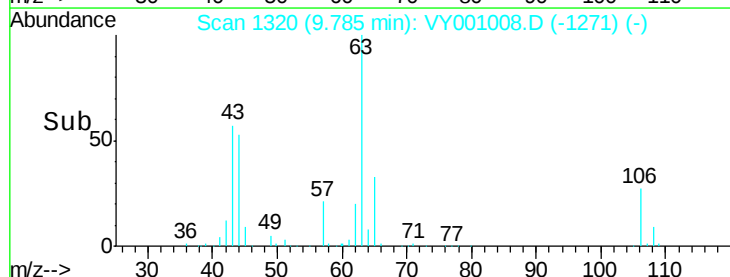
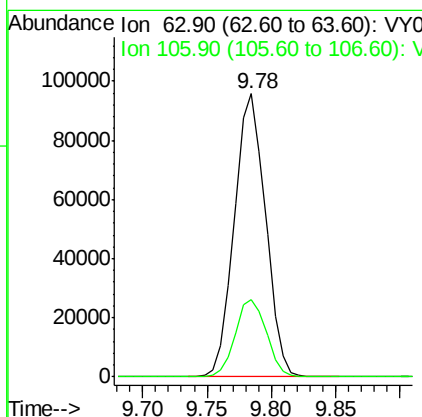
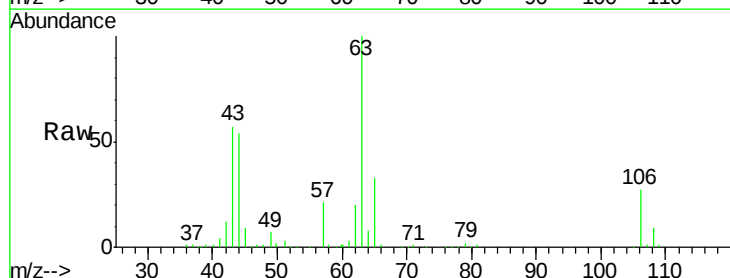
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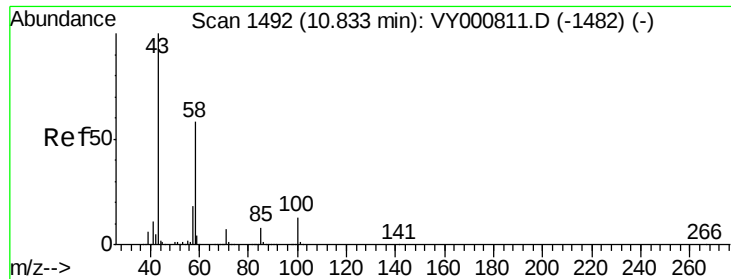
MMDadoda
 12/20/2019 10:37:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.792 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 63 Resp: 161447
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.5 32.3





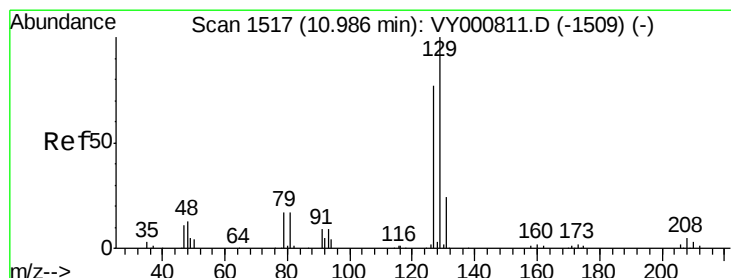
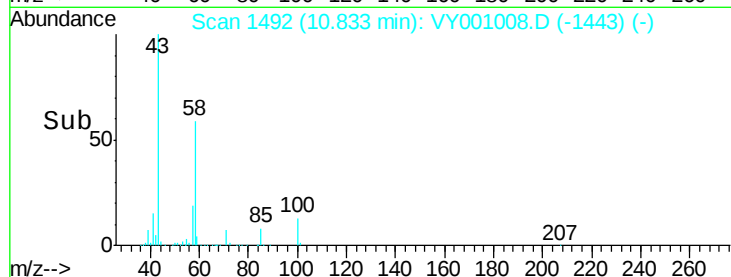
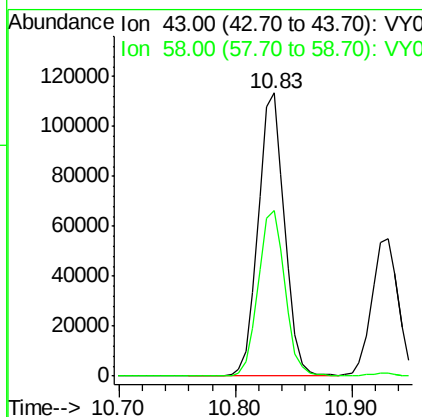
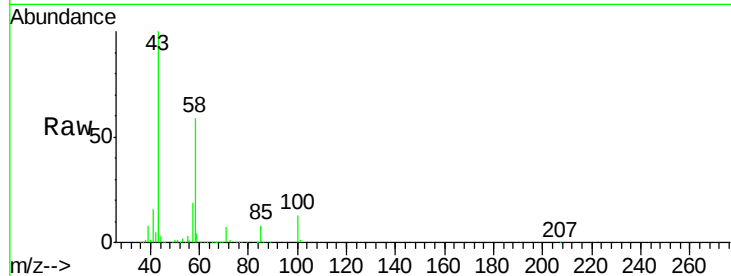
#59
2-Hexanone
Concen: 89.940 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 43 Resp: 179382
Ion Ratio Lower Upper
43 100
58 59.5 29.0 87.1

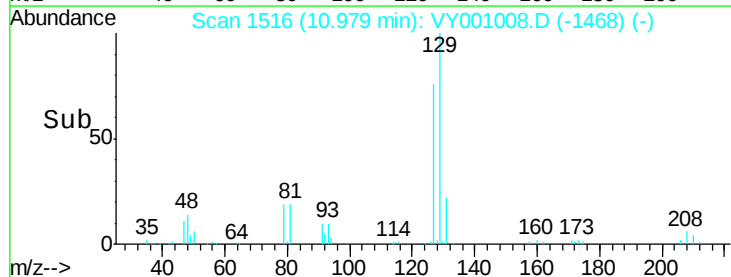
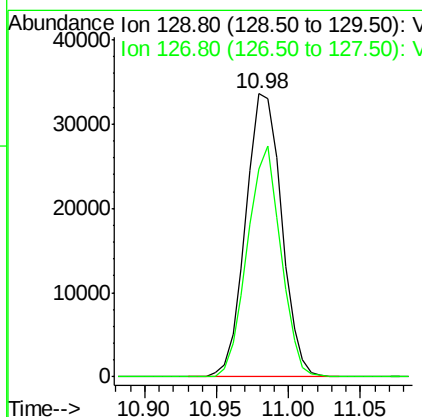
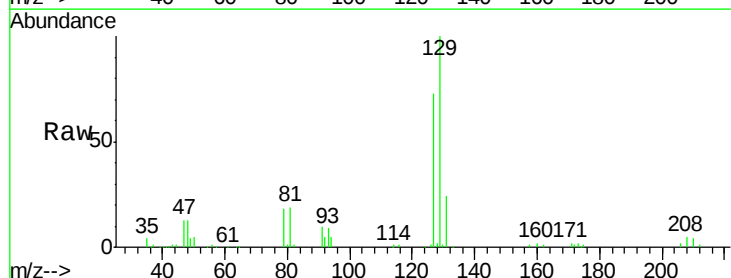
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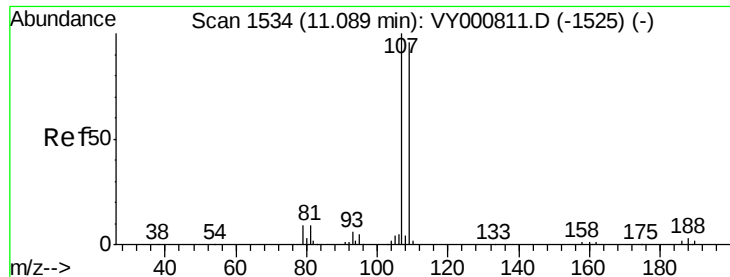
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#60
Dibromochloromethane
Concen: 19.574 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 129 Resp: 57939
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2





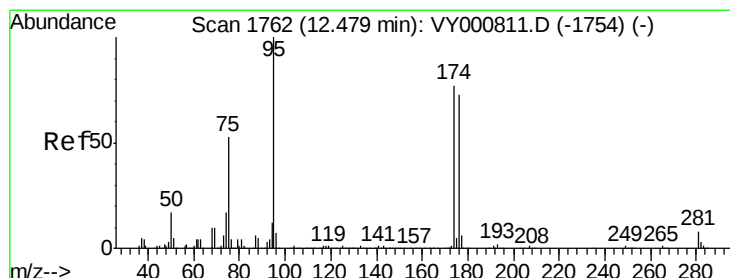
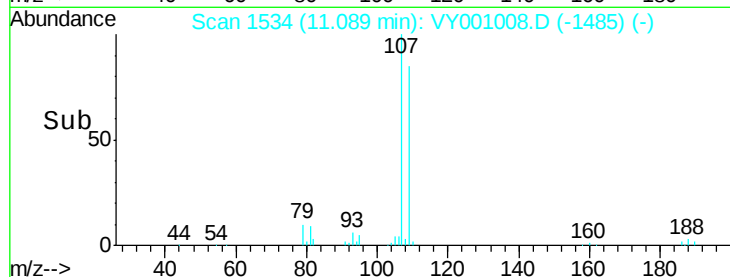
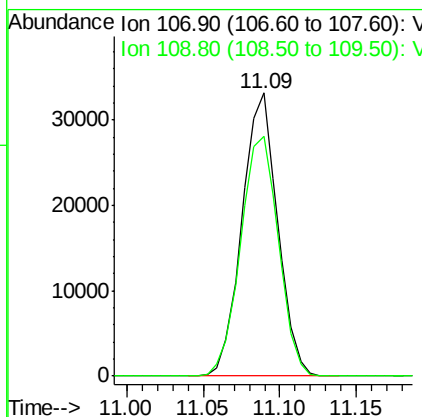
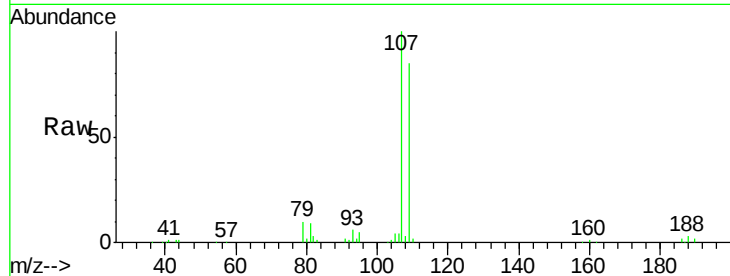
#61
 1,2-Dibromoethane
 Concen: 20.705 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.3	75.9	113.9

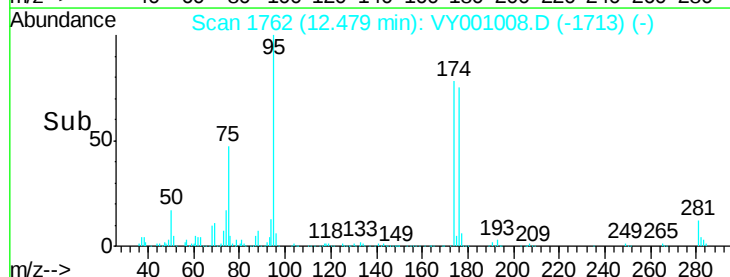
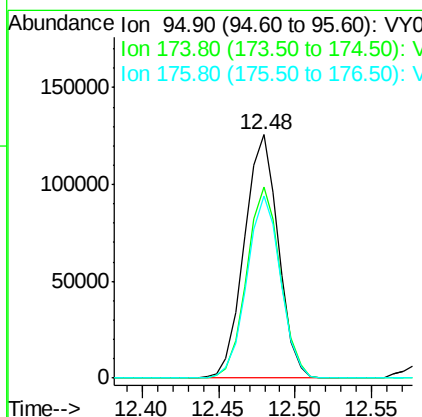
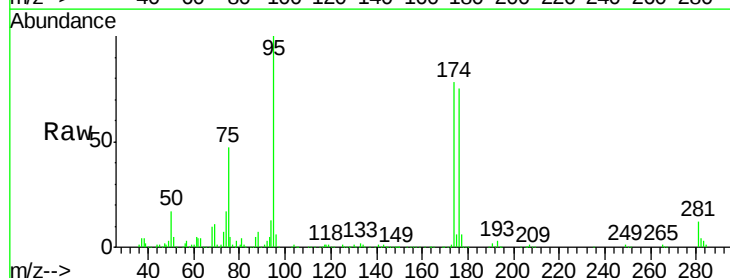
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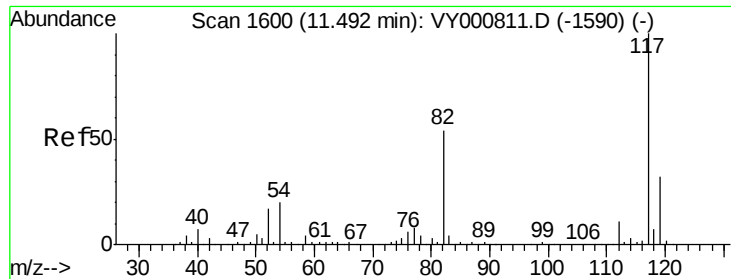
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#62
 4-Bromofluorobenzene
 Concen: 45.245 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	150.6
176	74.4	0.0	145.2





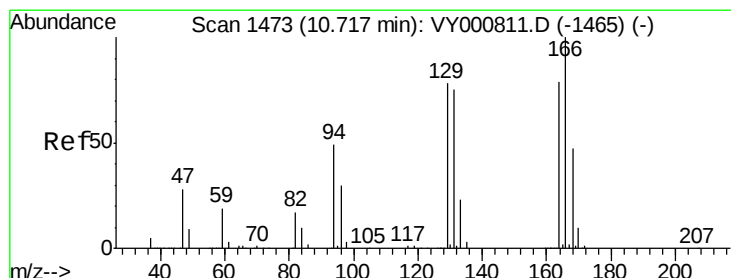
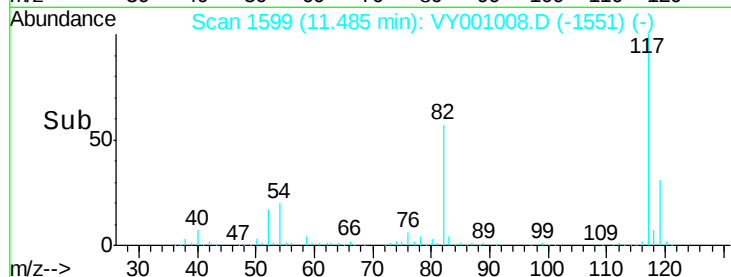
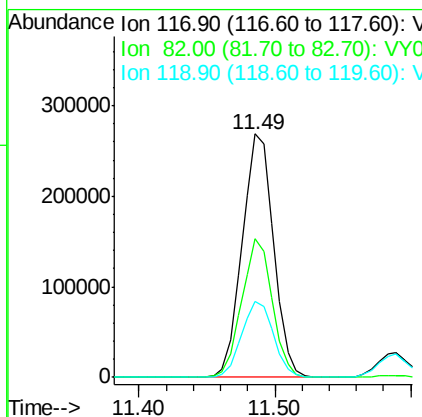
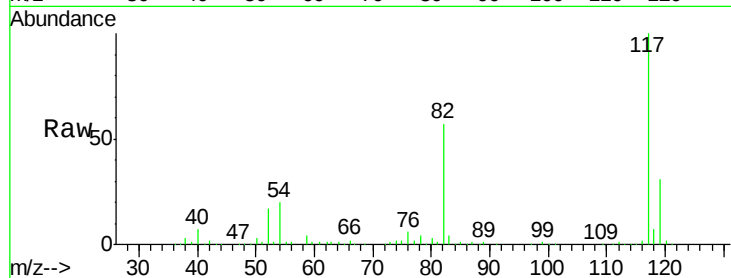
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.1	64.7
119	30.9	25.3	37.9

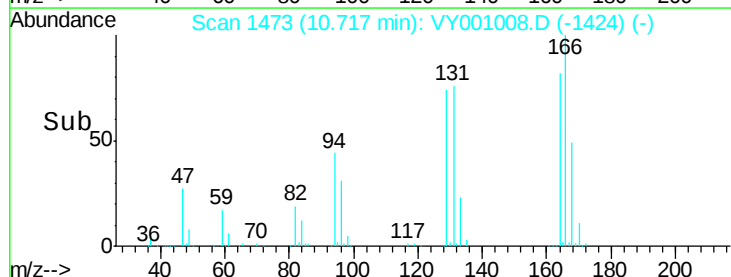
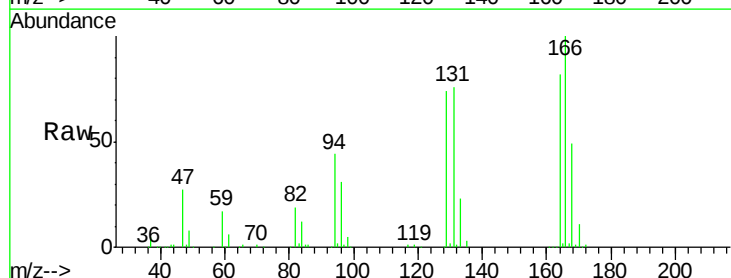
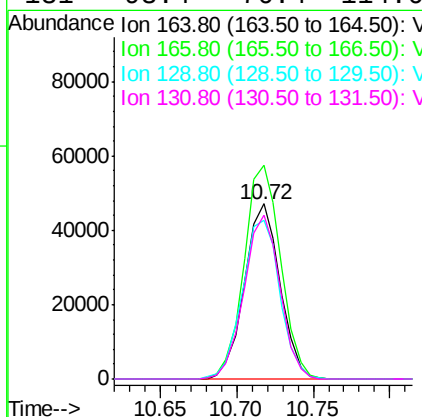
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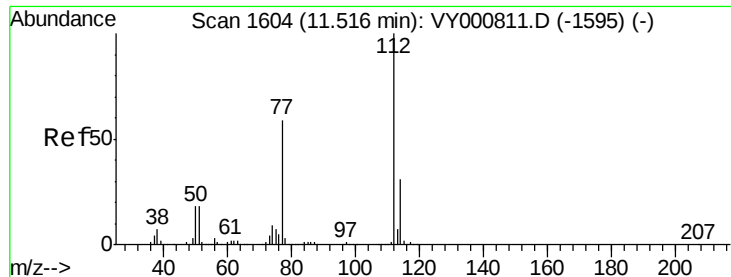
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#64
Tetrachloroethene
Concen: 20.206 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	101.8	152.8
129	90.8	79.3	118.9
131	93.4	76.4	114.6





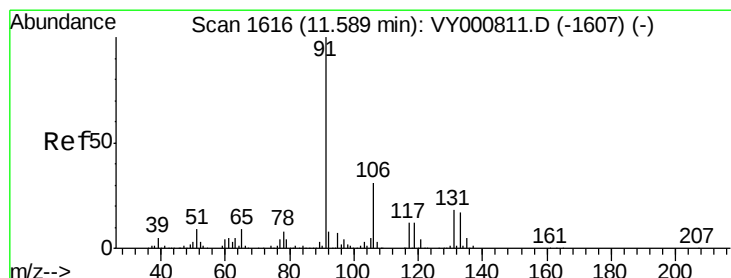
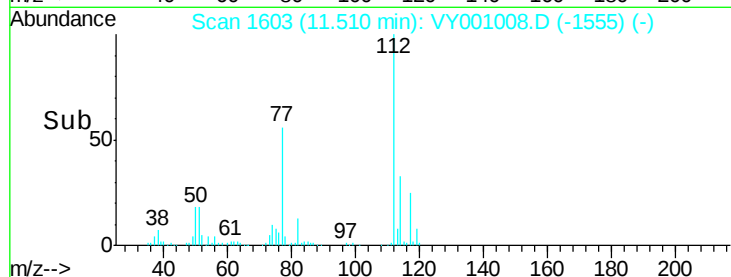
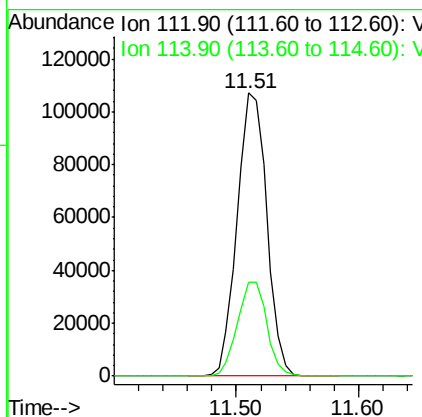
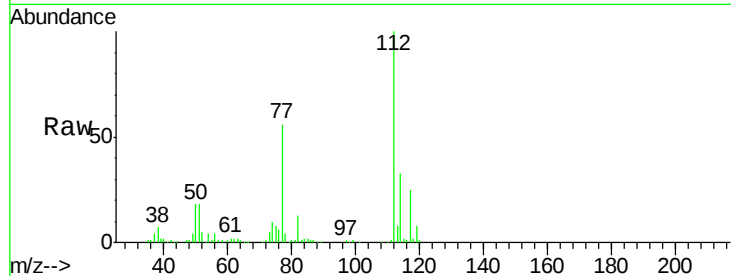
#65
Chlorobenzene
Concen: 19.980 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion:112 Resp: 179779
Ion Ratio Lower Upper
112 100
114 33.0 25.1 37.7

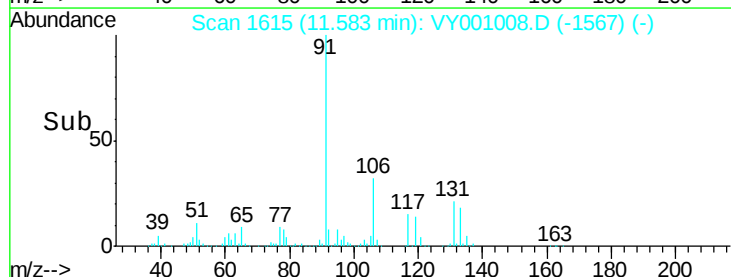
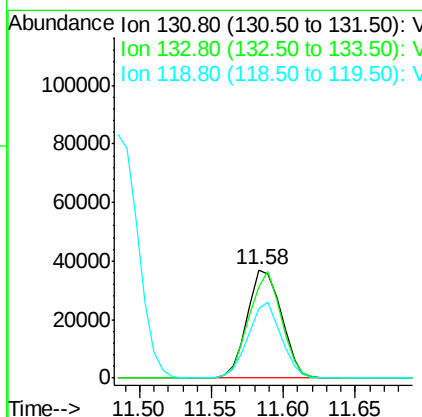
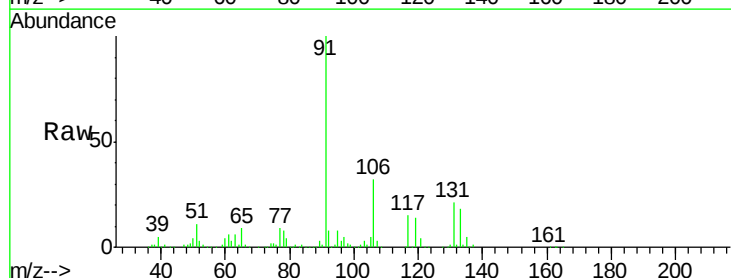
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.131 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion:131 Resp: 61042
Ion Ratio Lower Upper
131 100
133 93.2 47.4 142.2
119 67.2 33.8 101.3





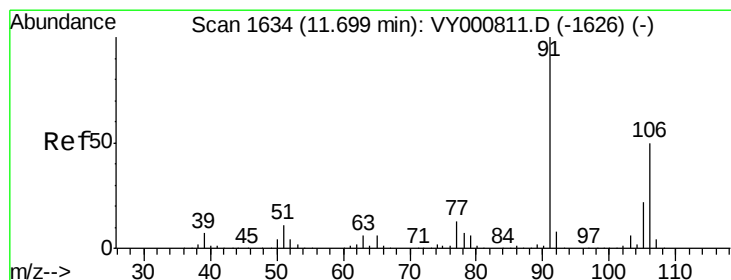
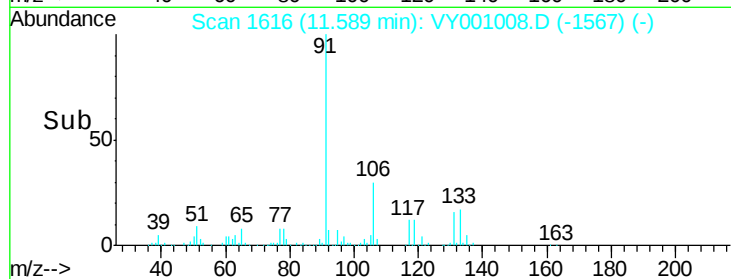
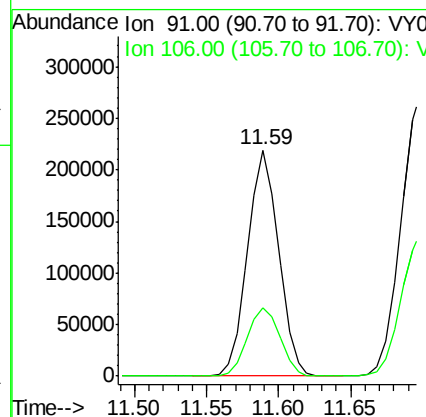
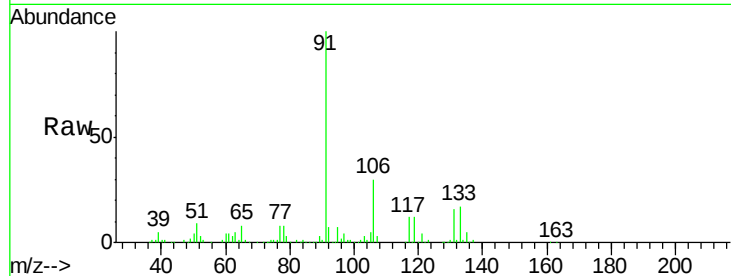
#67
Ethyl Benzene
Concen: 19.540 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion: 91 Resp: 327431
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

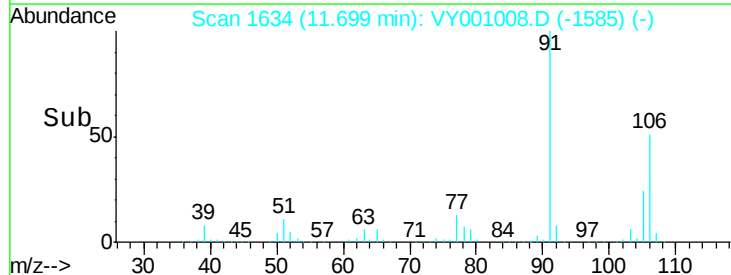
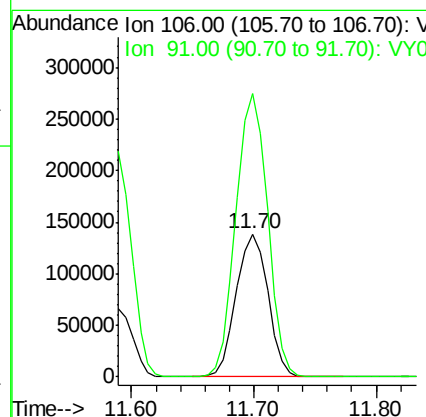
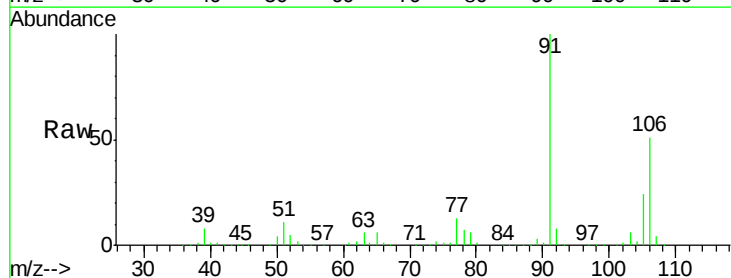
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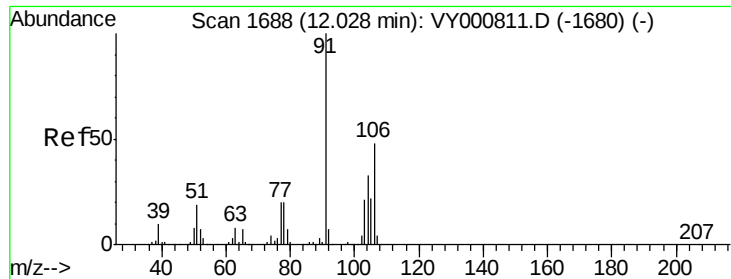
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#68
m/p-Xylenes
Concen: 39.700 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 106 Resp: 249701
Ion Ratio Lower Upper
106 100
91 197.3 159.6 239.4





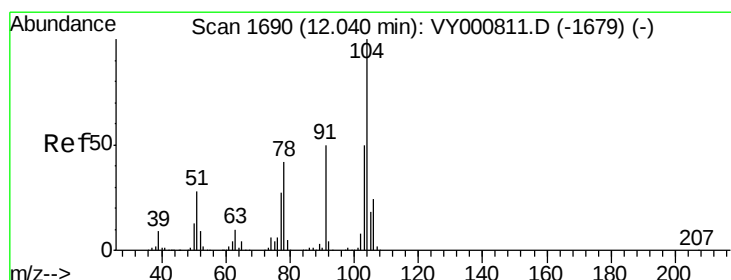
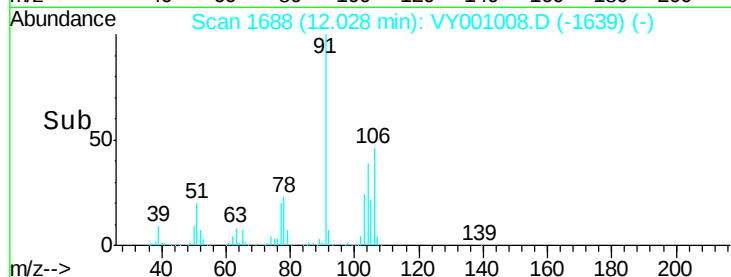
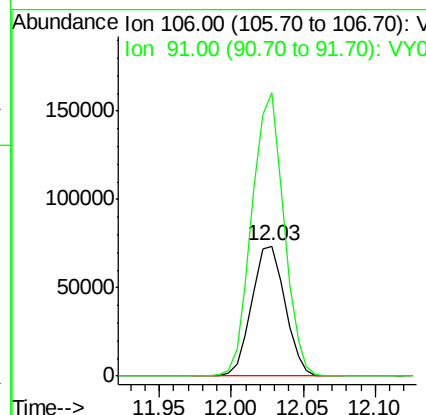
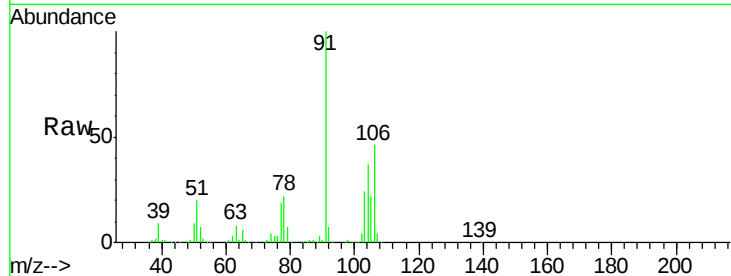
#69
o-Xylene
Concen: 20.142 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.3	106.1	318.1

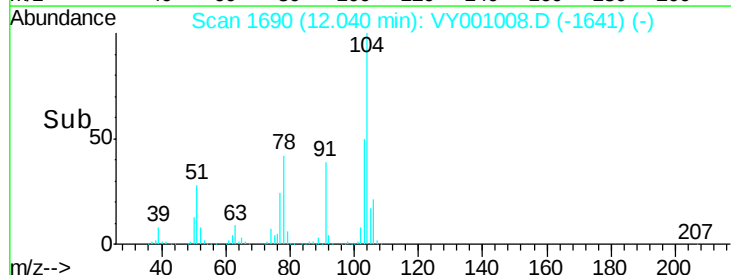
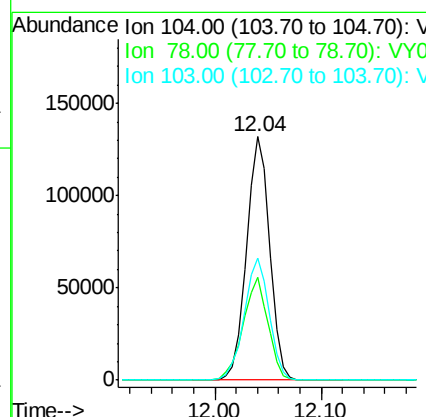
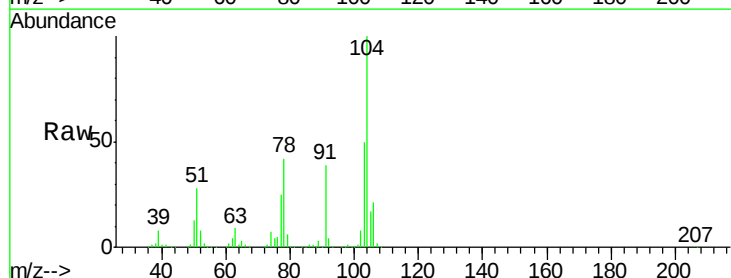
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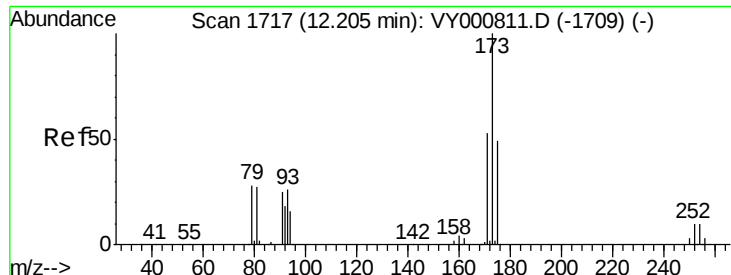
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#70
Styrene
Concen: 20.057 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.7	38.2	57.4
103	54.0	43.4	65.0





#71

Bromoform

Concen: 19.446 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion:173 Resp: 33256

Ion Ratio Lower Upper

173 100

175 50.4 24.5 73.5

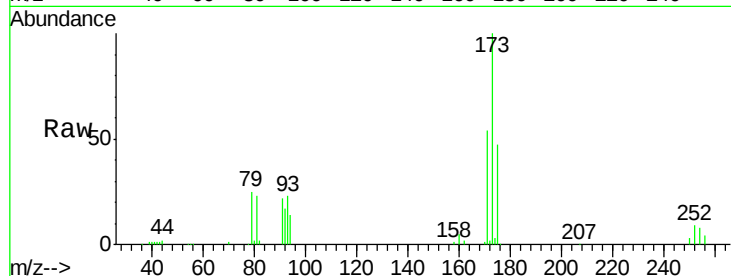
254 0.1 0.0 0.0#

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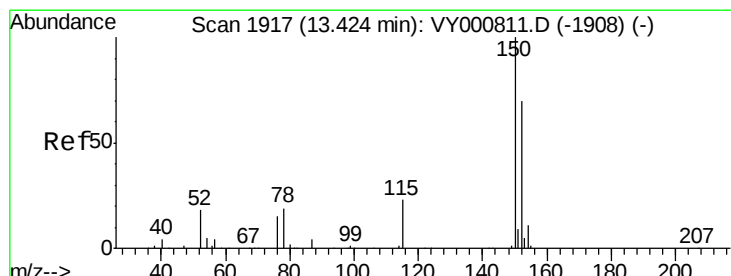
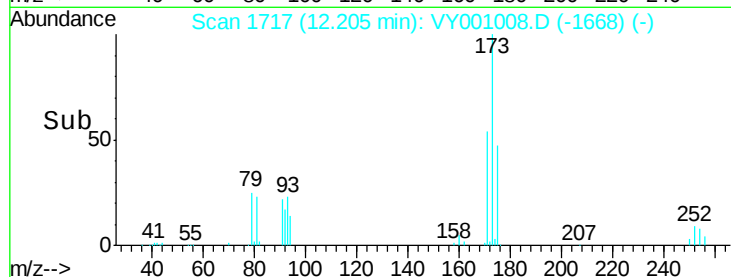
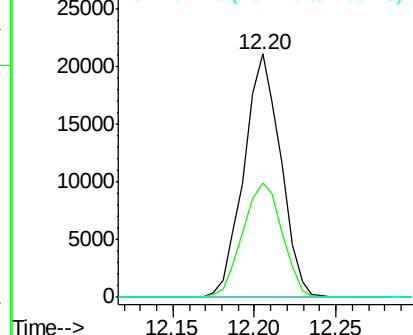
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY001008.D

Acq: 19 Dec 2019 12:30

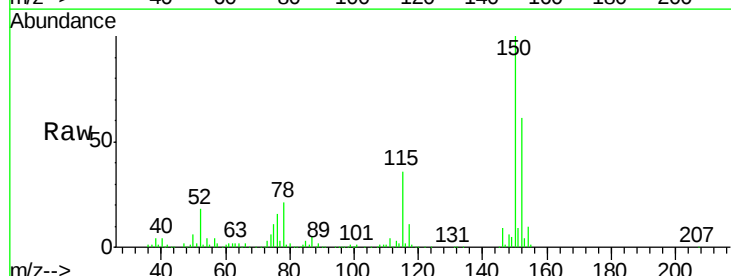
Tgt Ion:152 Resp: 202202

Ion Ratio Lower Upper

152 100

115 59.4 29.3 87.8

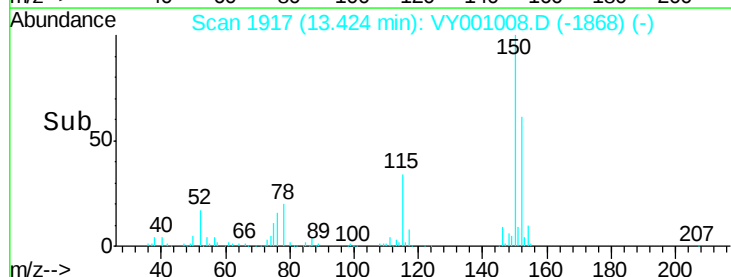
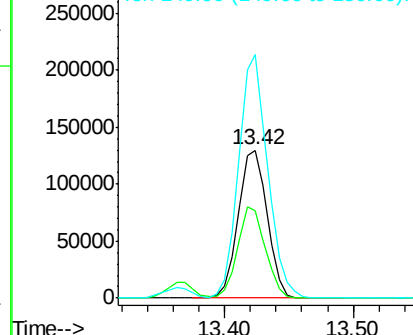
150 165.2 0.0 351.2

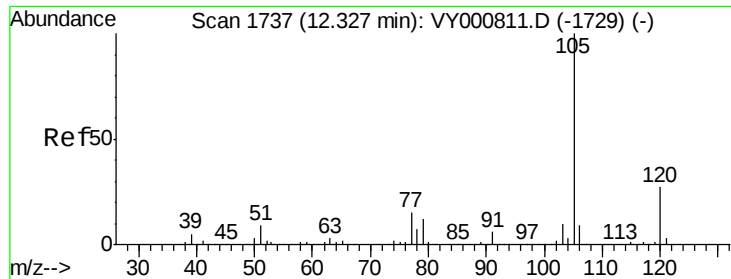


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.491 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 105 Resp: 313797

Ion Ratio Lower Upper

105 100

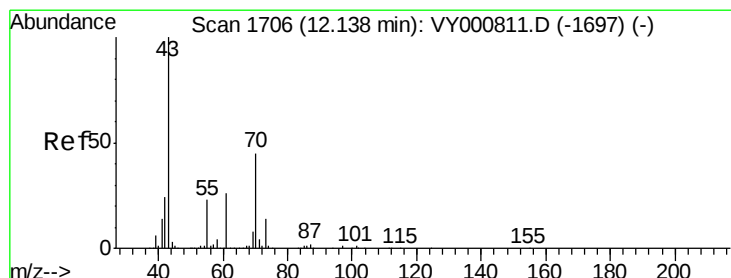
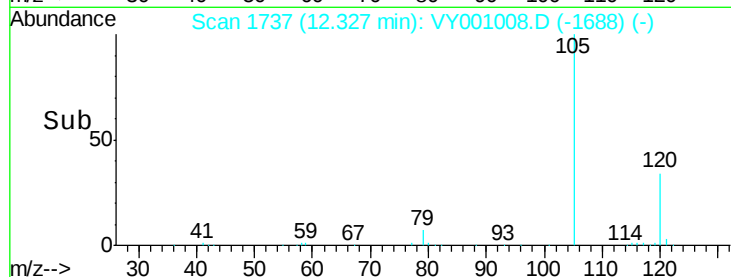
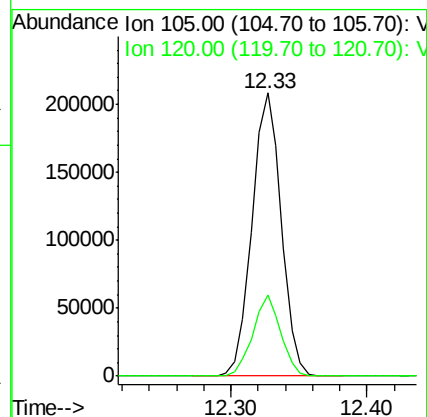
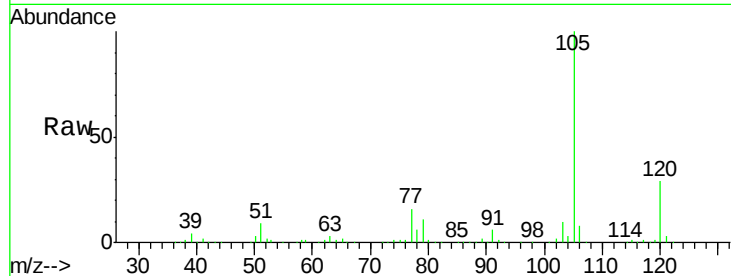
120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 18.470 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion: 43 Resp: 82768

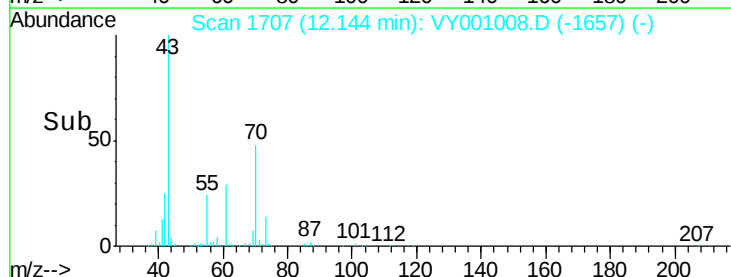
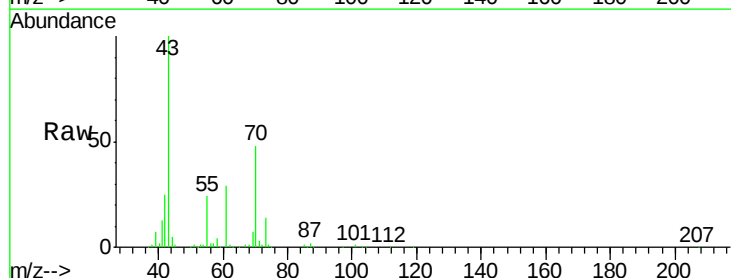
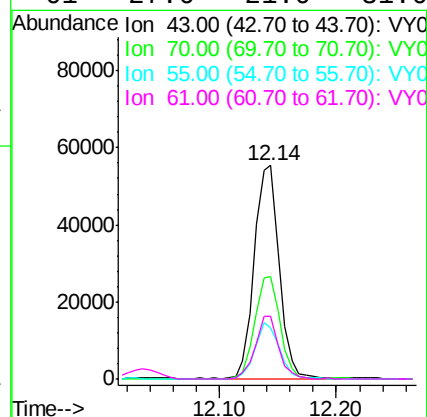
Ion Ratio Lower Upper

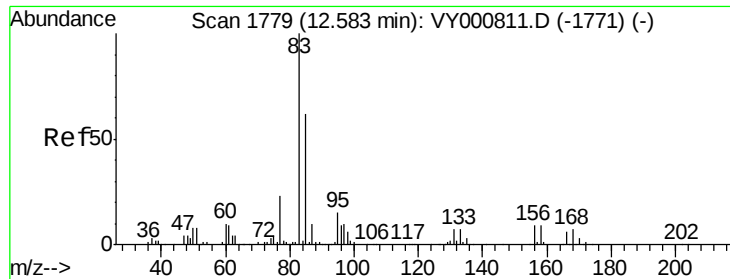
43 100

70 48.7 36.6 54.8

55 25.9 18.8 28.2

61 27.6 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.354 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

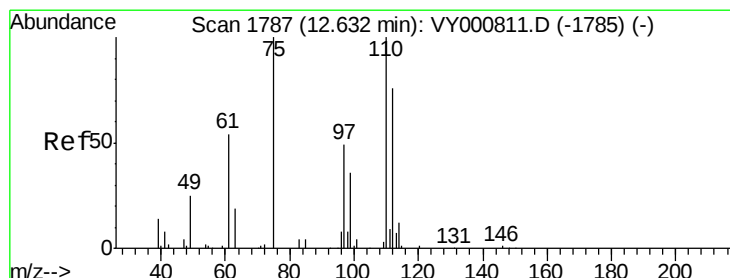
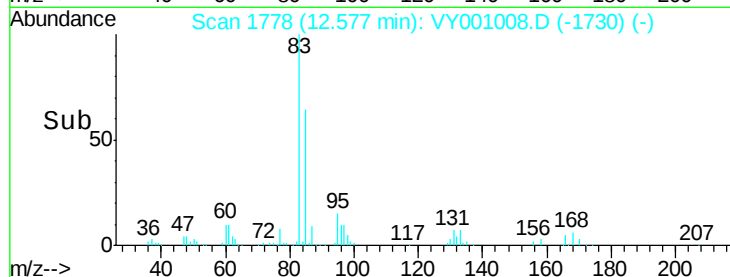
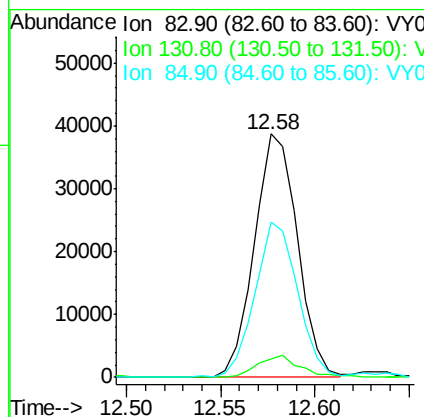
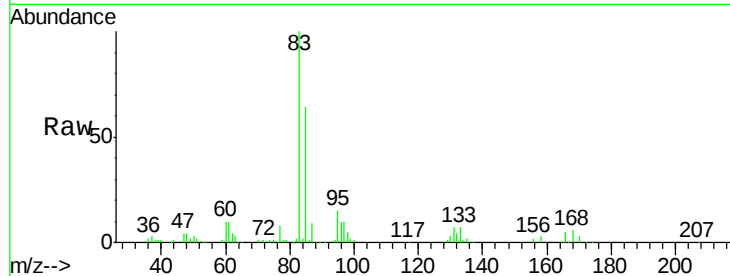
ClientSampleId :

VY1219SBS01

Tot Ion:	83	Resp:	61397
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.3	13.1
85	63.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.335 ug/l m

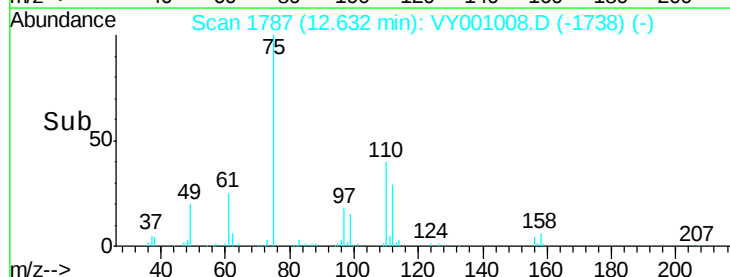
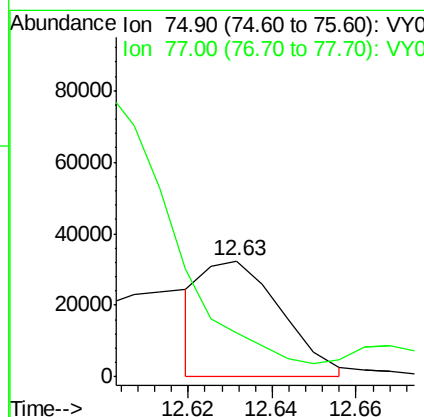
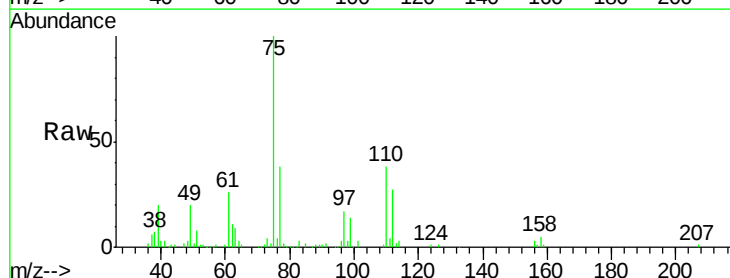
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion:	75	Resp:	42005
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.236 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion:156 Resp: 70620

Ion Ratio Lower Upper

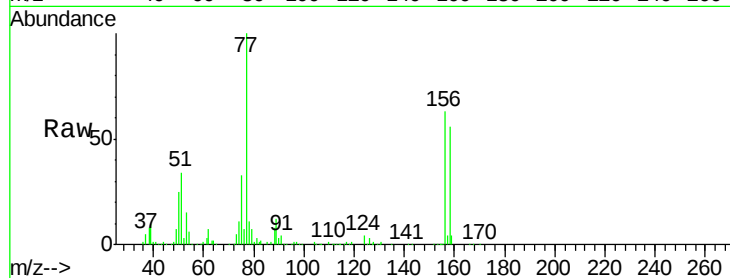
156 100

77 196.7 102.6 307.7

158 94.2 47.6 142.8

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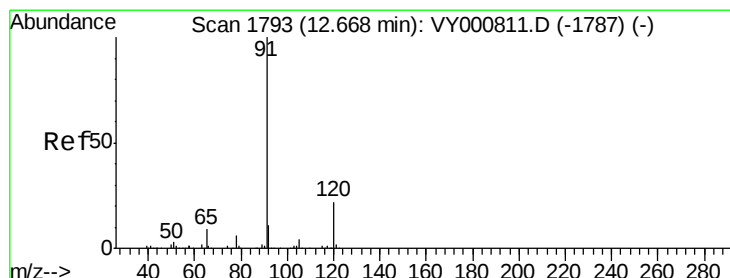
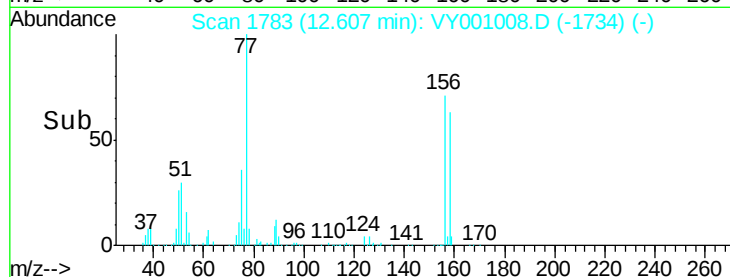
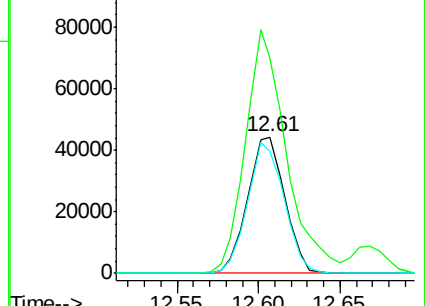
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.771 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001008.D

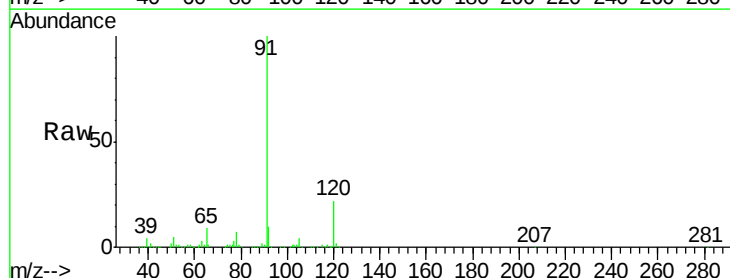
Acq: 19 Dec 2019 12:30

Tgt Ion: 91 Resp: 388666

Ion Ratio Lower Upper

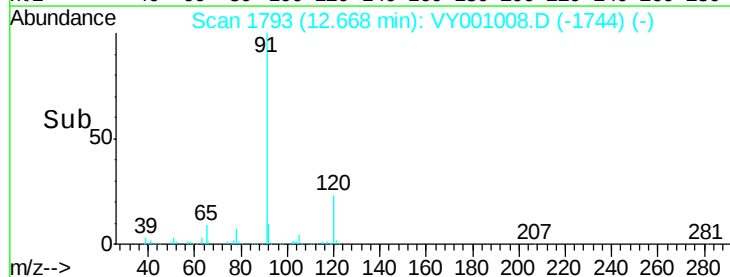
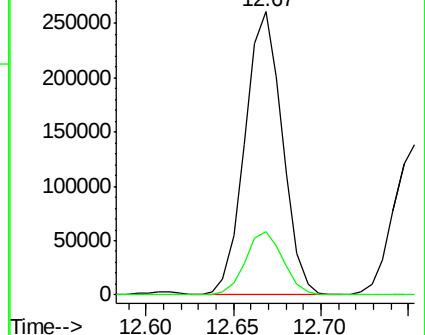
91 100

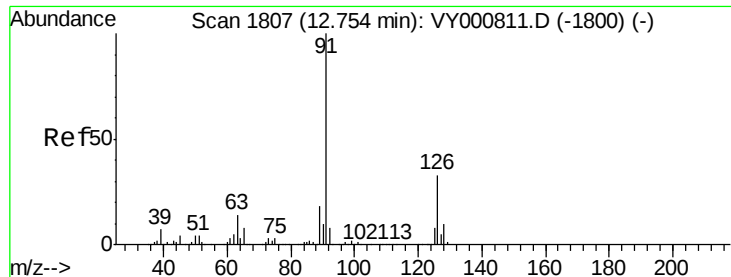
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.517 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion: 91 Resp: 211957

Ion Ratio Lower Upper

91 100

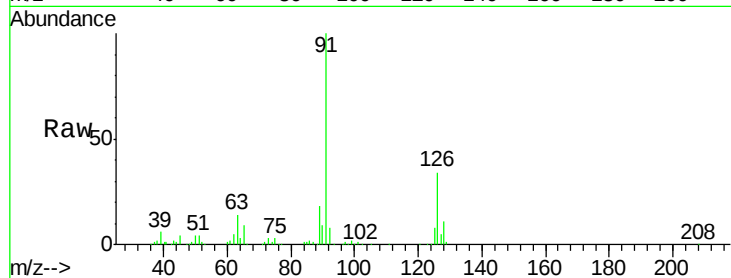
126 34.8 17.0 51.0

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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) (-)

200000

150000

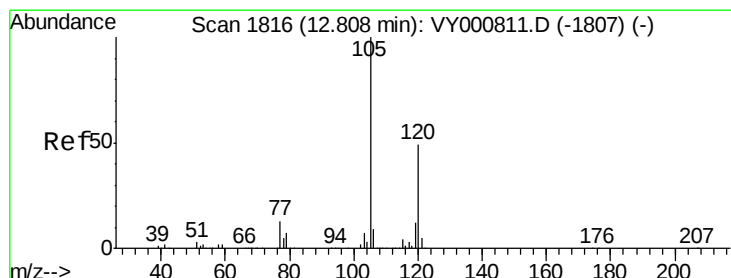
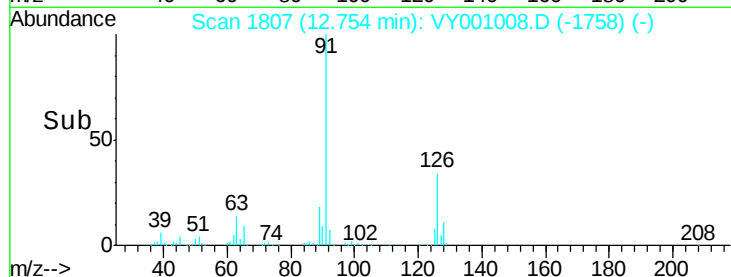
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.499 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001008.D

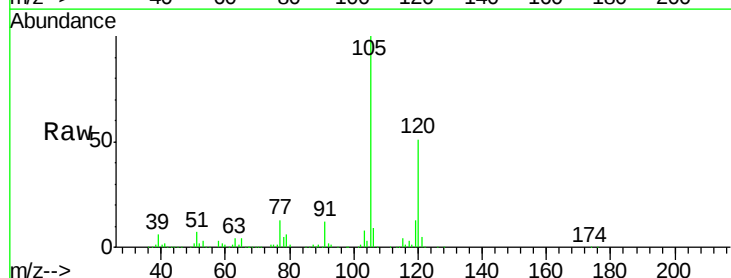
Acq: 19 Dec 2019 12:30

Tgt Ion: 105 Resp: 259928

Ion Ratio Lower Upper

105 100

120 50.4 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) (-)

200000

150000

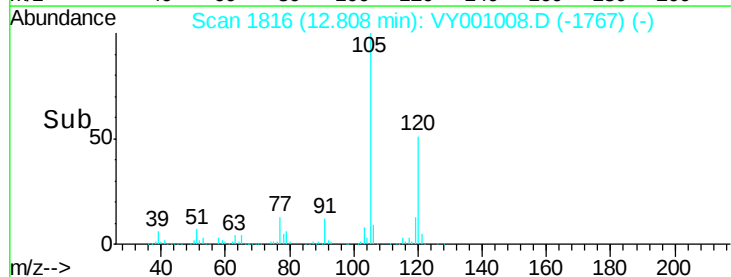
100000

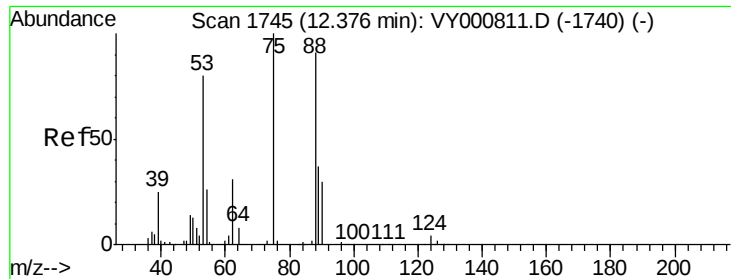
50000

0

12.80 12.81 12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.606 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

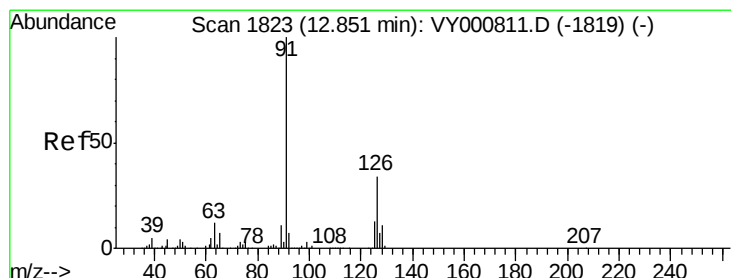
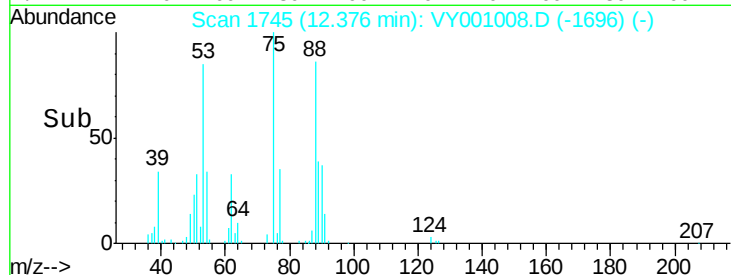
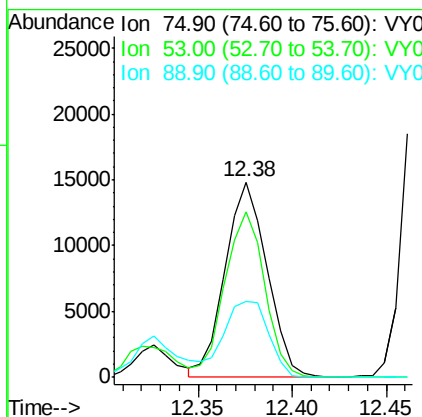
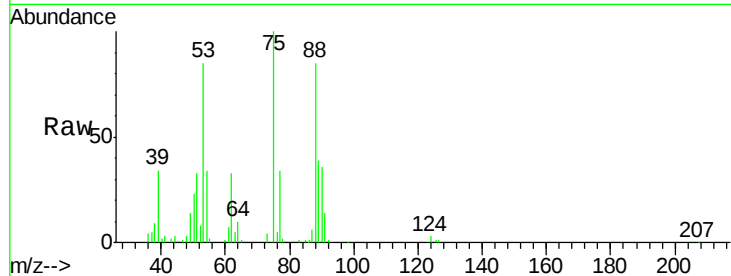
ClientSampleId :

VY1219SBS01

Tot Ion:	75	Resp:	22866
Ion	Ratio	Lower	Upper
75	100		
53	81.0	64.6	96.8
89	41.7	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.520 ug/l

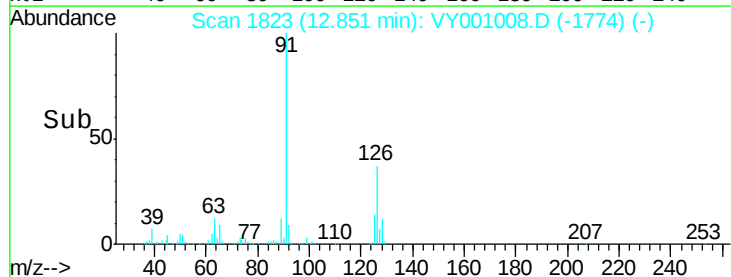
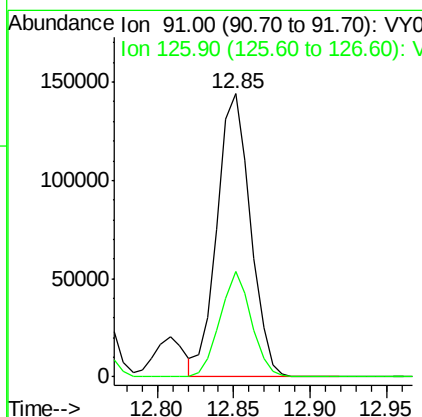
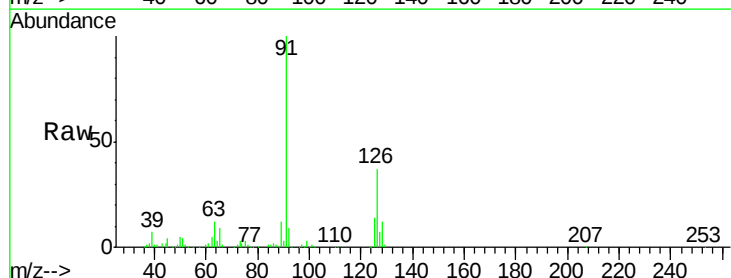
RT: 12.85 min Scan# 1823

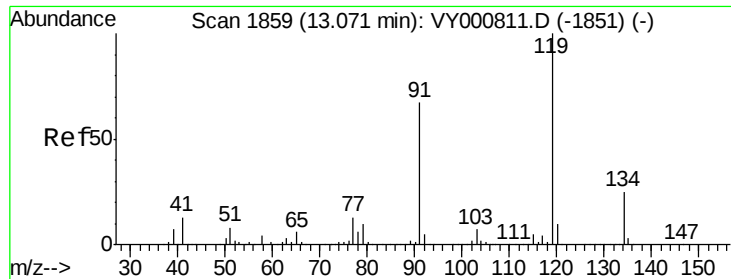
Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion:	91	Resp:	218407
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	51.9





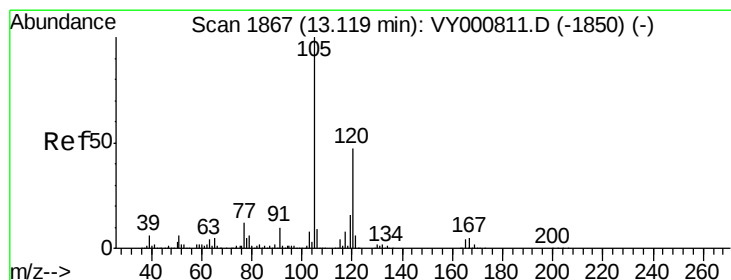
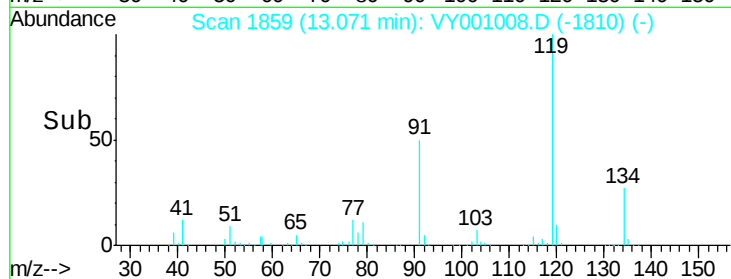
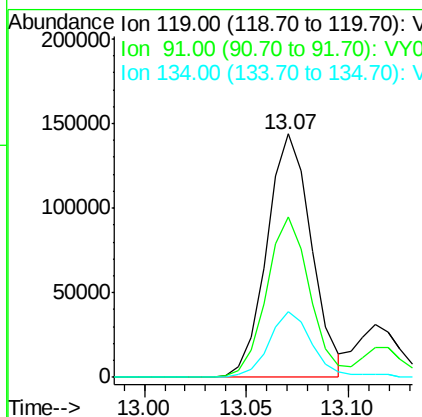
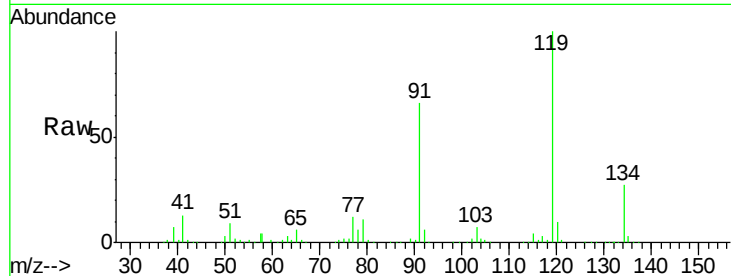
#83
tert-Butylbenzene
Concen: 19.528 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Resp Lower	Upper
119	100		
91	64.9	32.3	96.8
134	26.7	12.9	38.7

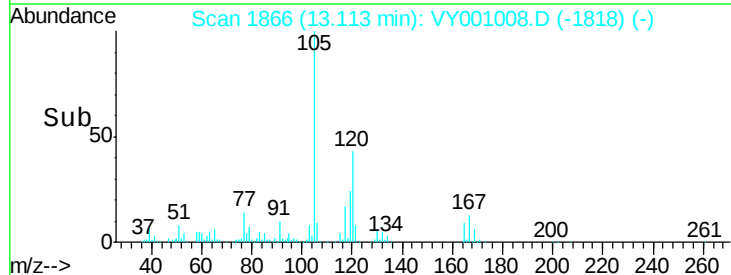
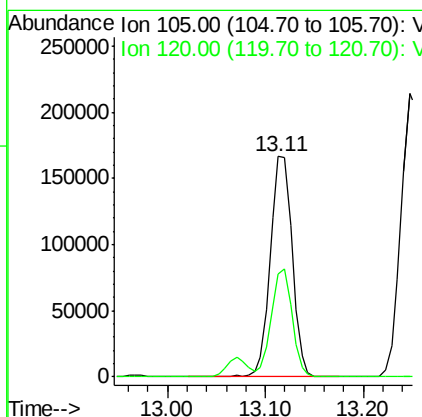
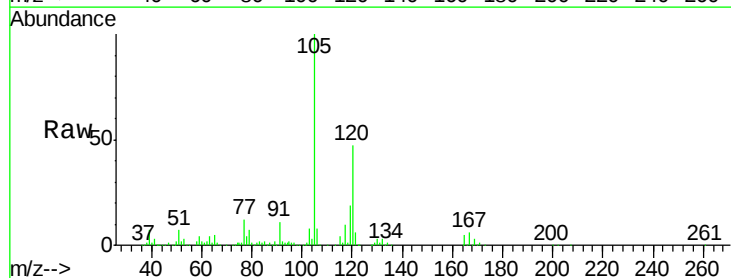
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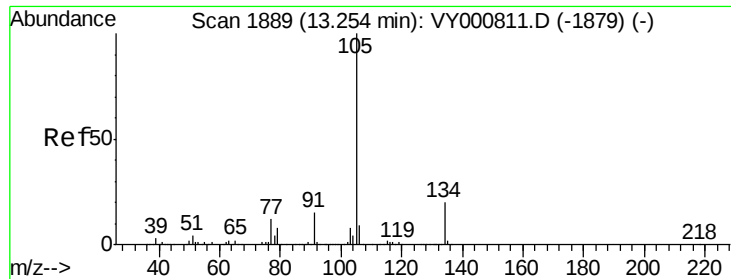
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.533 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	46.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.849 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tot Ion:105 Resp: 323533

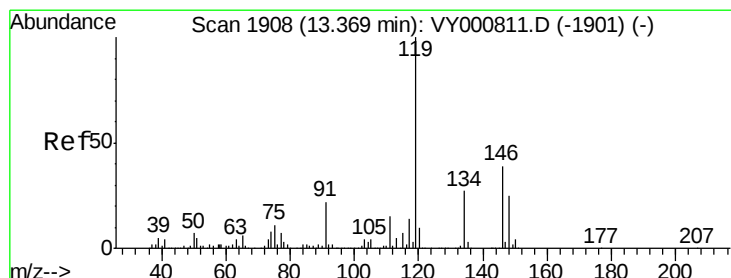
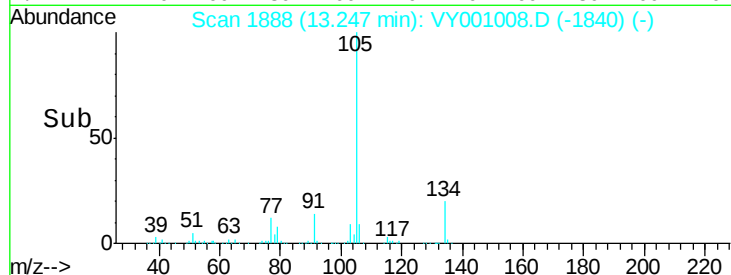
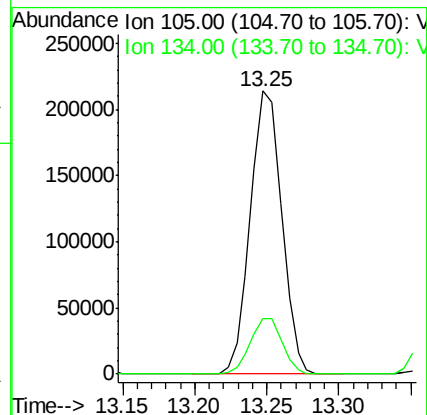
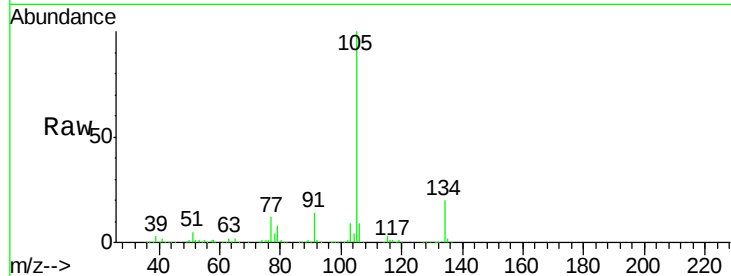
Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.046 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

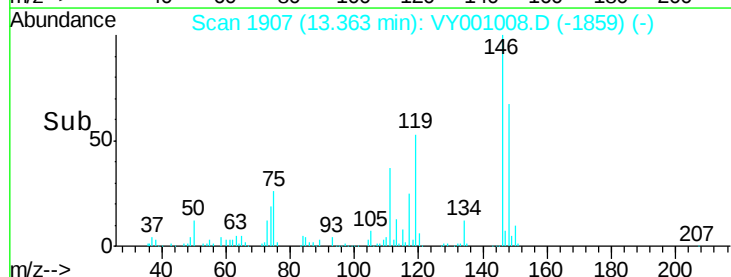
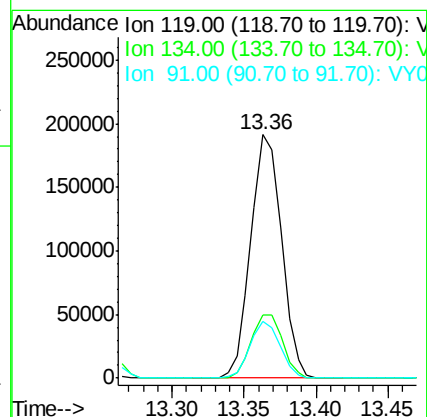
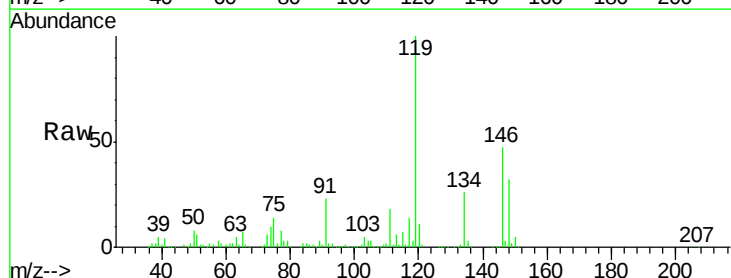
Tgt Ion:119 Resp: 284188

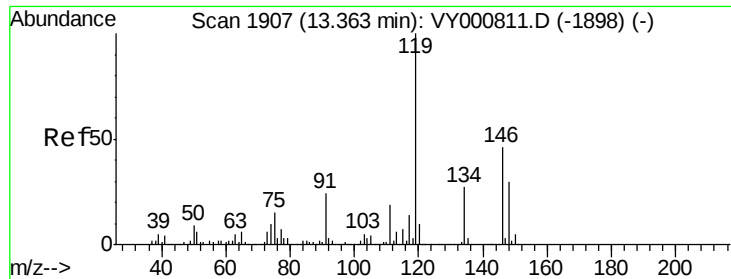
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.5 11.5 34.5





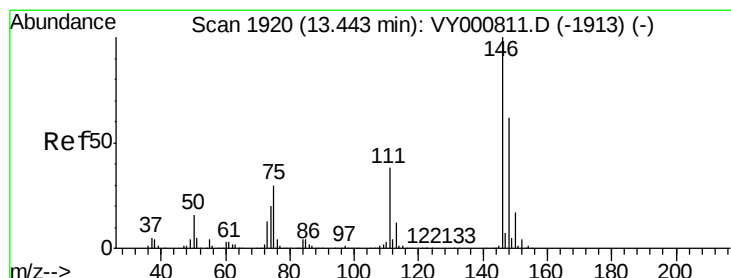
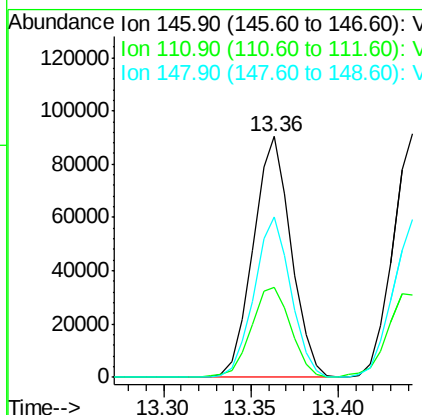
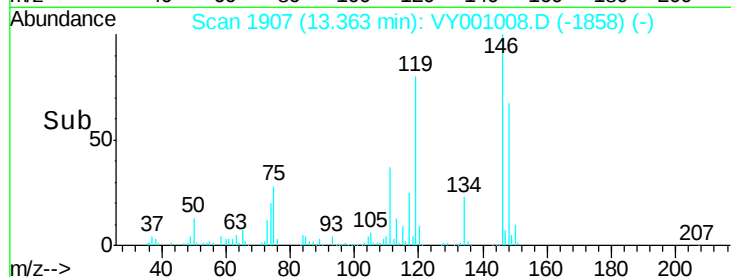
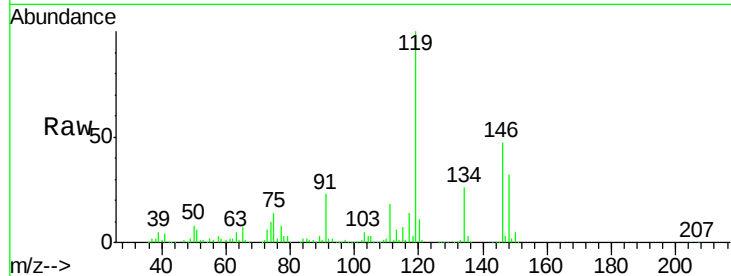
#87
 1,3-Dichlorobenzene
 Concen: 19.985 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	136822		
111	39.4	20.0	60.0	
148	64.7	32.1	96.5	

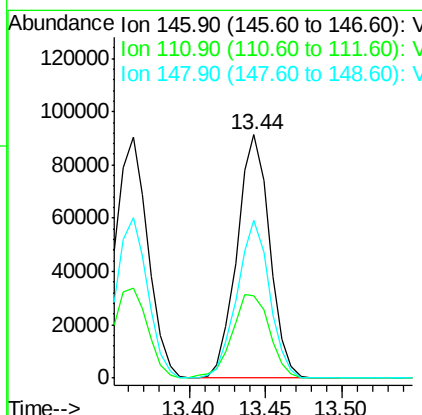
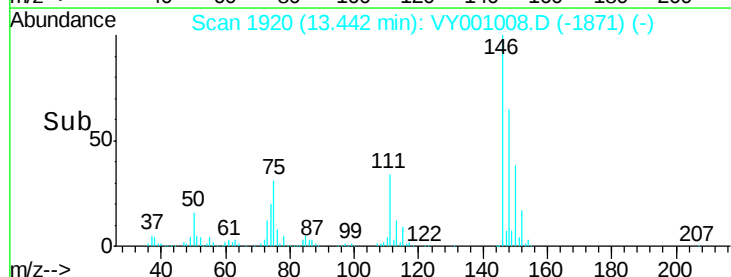
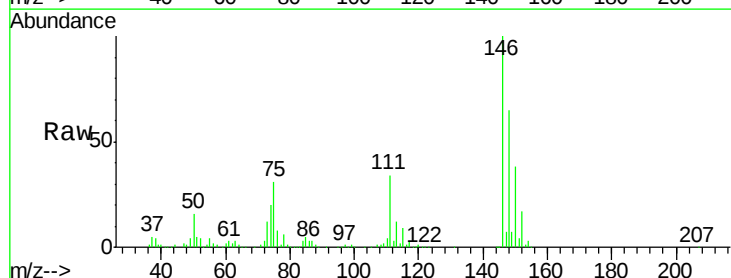
Manual Integrations
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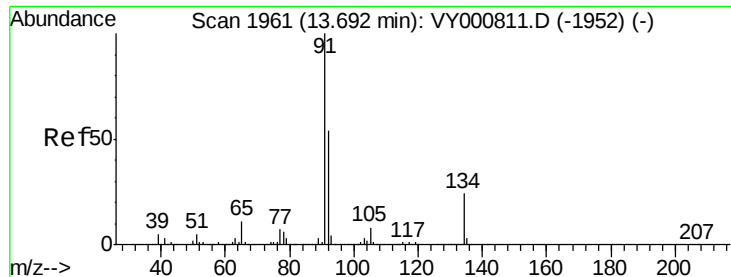
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#88
 1,4-Dichlorobenzene
 Concen: 19.945 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135197		
111	39.4	20.0	59.9	
148	64.8	31.7	95.1	





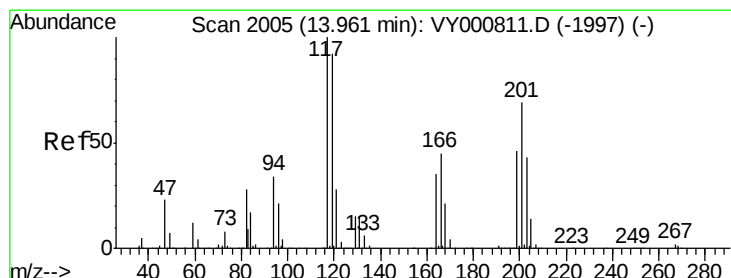
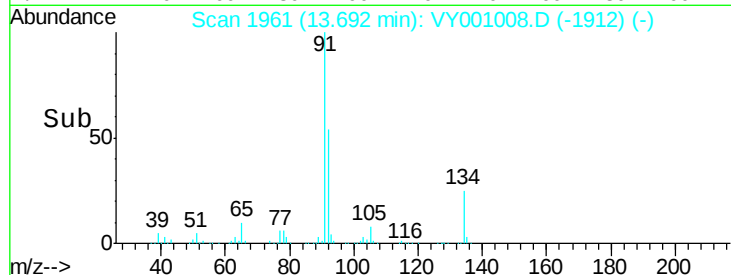
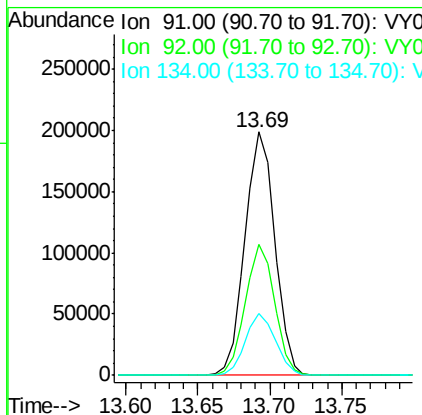
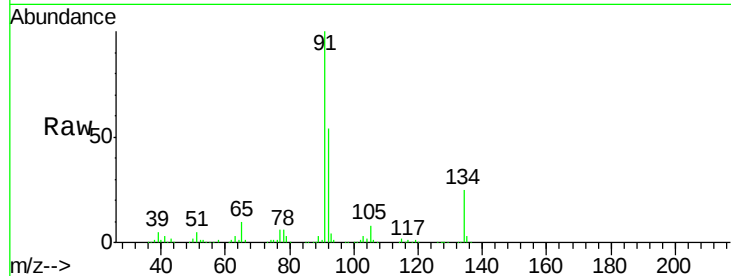
#89
n-Butylbenzene
Concen: 19.887 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	26.9	80.7	
134	25.5	12.6	37.6	

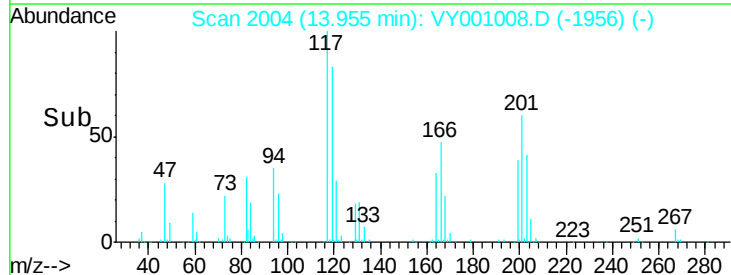
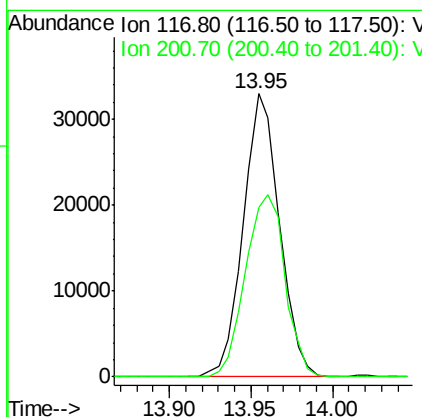
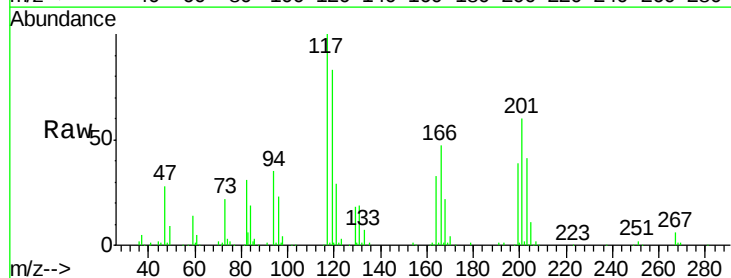
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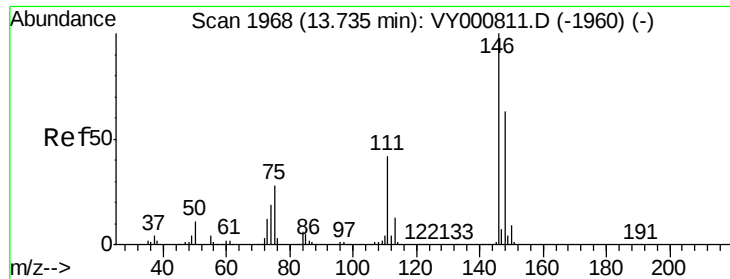
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#90
Hexachloroethane
Concen: 19.572 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.1	34.0	102.0	





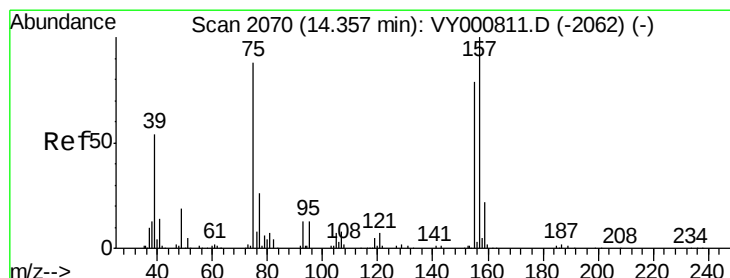
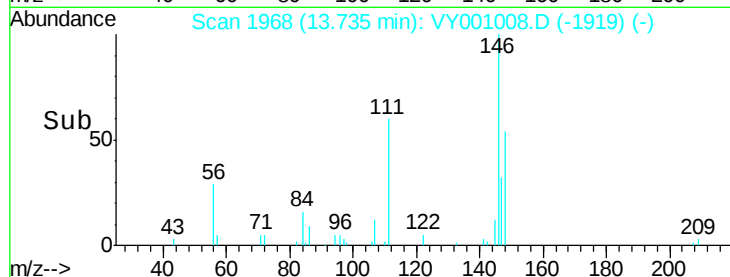
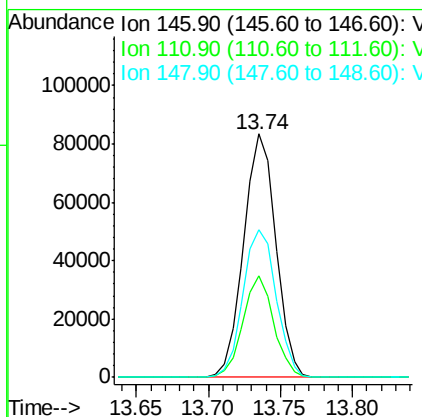
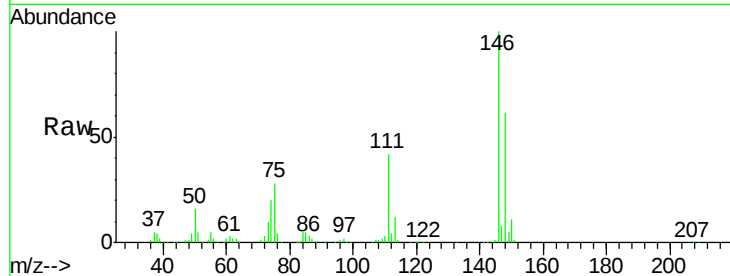
#91
 1,2-Dichlorobenzene
 Concen: 20.913 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.9	62.7
148	62.5	32.1	96.3

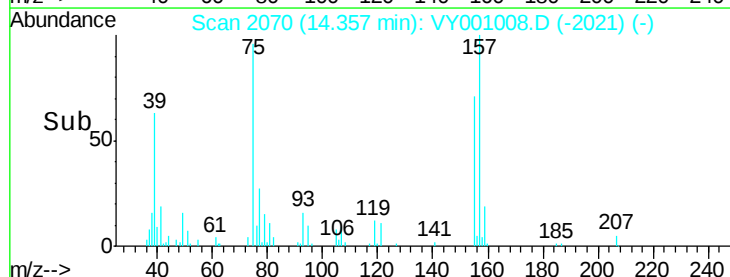
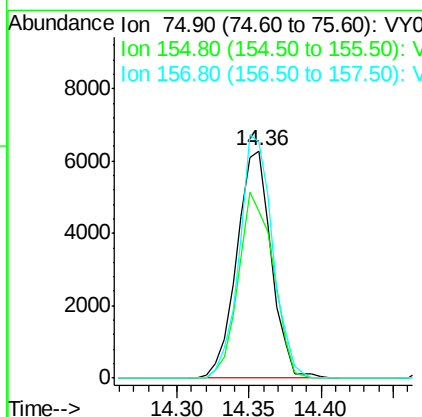
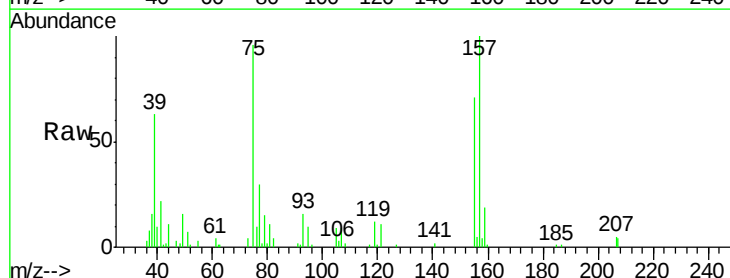
Manual Integrations
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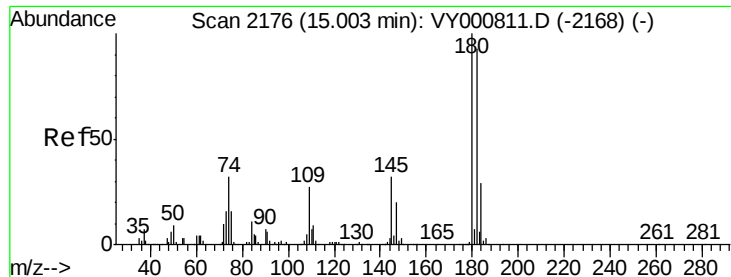
MMDadoda
 12/20/2019 10:37:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.726 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	44.3	132.9
157	102.2	56.3	168.9





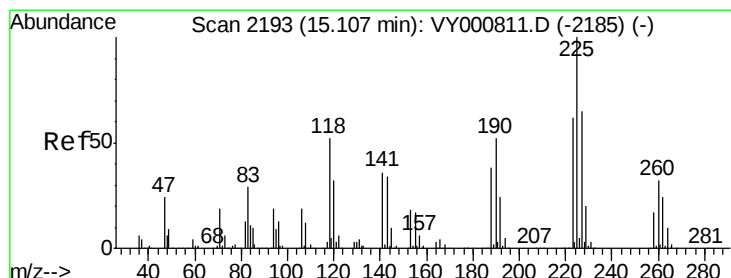
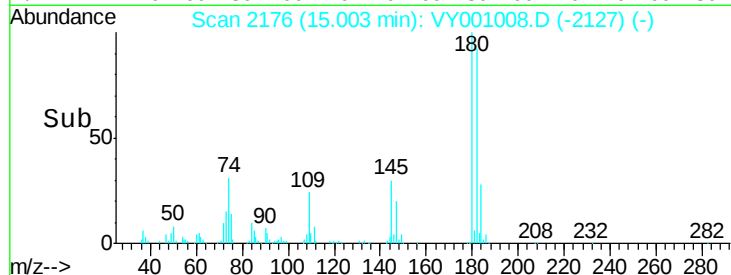
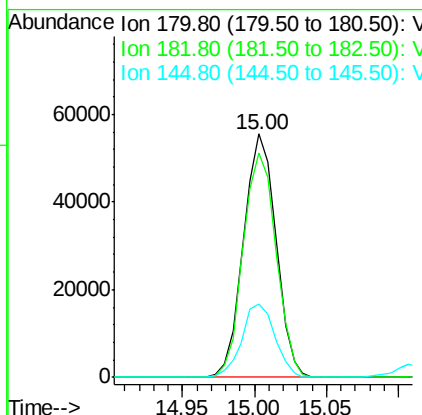
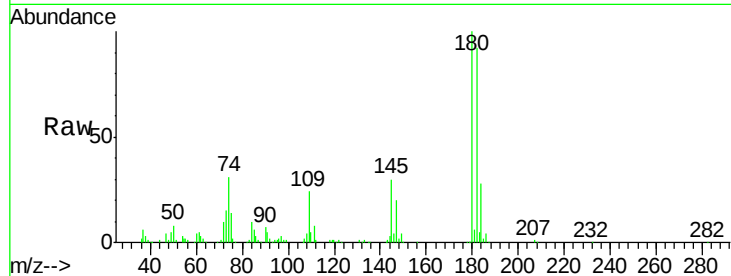
#93
1,2,4-Trichlorobenzene
Concen: 20.798 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86665		
182	93.8	47.3	141.9	
145	30.7	16.0	47.9	

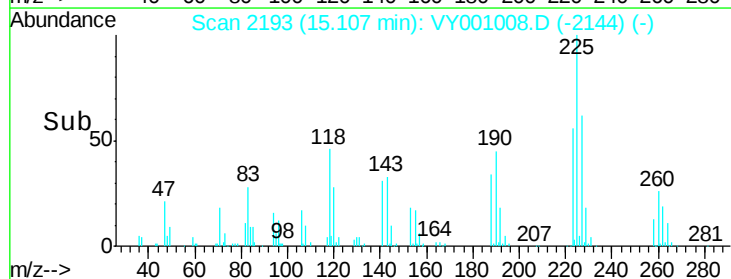
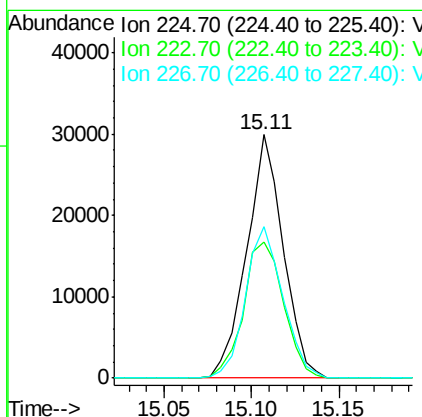
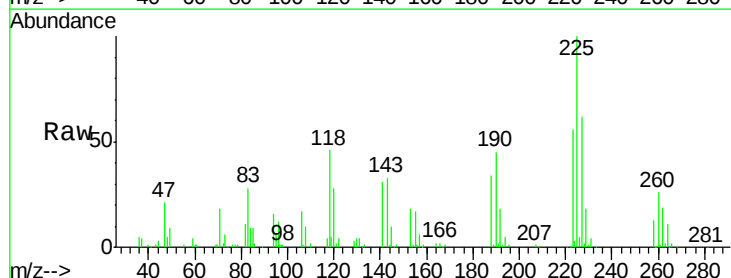
Manual Integrations
APPROVED

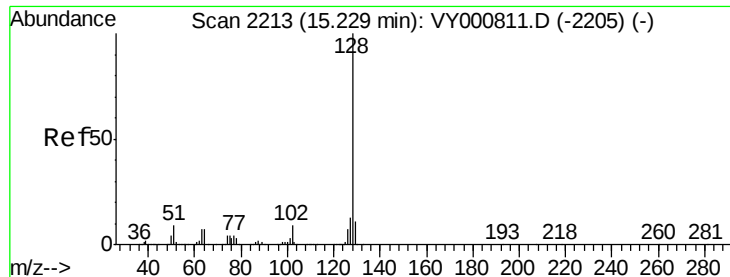
MMDadoda
12/20/2019 10:37:05 AM



#94
Hexachlorobutadiene
Concen: 21.074 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43538		
223	60.9	31.4	94.3	
227	63.5	31.8	95.3	





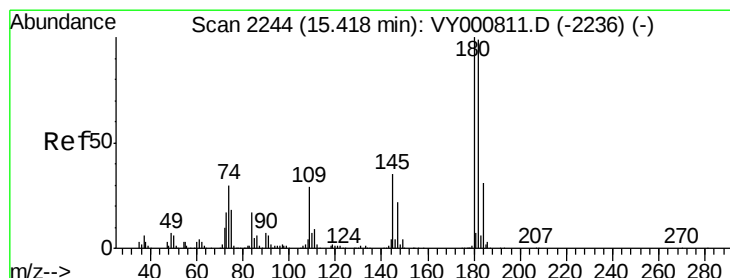
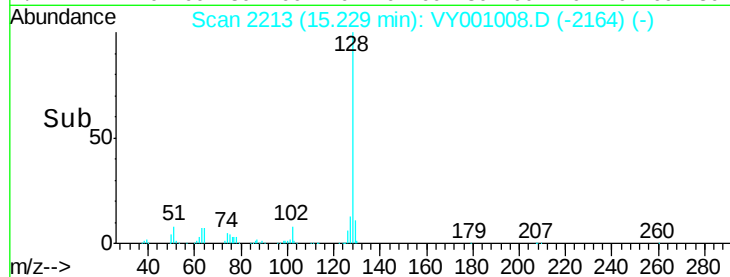
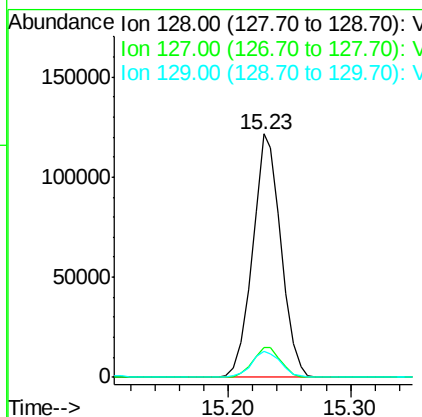
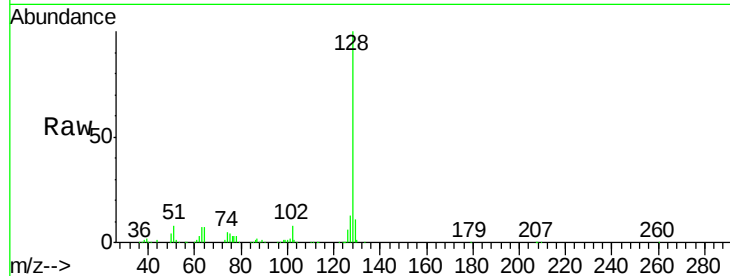
#95
Naphthalene
Concen: 20.191 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	195359		
127	12.5	10.1	15.1	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
12/20/2019 10:37:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.073 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78434		
182	95.1	48.0	144.0	
145	32.7	16.9	50.6	

