

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001250.D
 Acq On : 16 Jan 2020 04:08
 Operator : SY/MD
 Sample : L1136-07MSD
 Misc : 8.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:59 AM

Quant Time: Jan 16 07:28:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	147316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	268472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	71081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	72968	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.73	113	72549	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	10.18	98	275127	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	12.48	95	79290	32.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	66978	59.200	ug/l	97
3) Chloromethane	2.12	50	107818	66.114	ug/l	99
4) Vinyl Chloride	2.25	62	1419688	864.127	ug/l	99
5) Bromomethane	2.65	94	72450	82.097	ug/l	96
6) Chloroethane	2.80	64	72290	76.162	ug/l	99
7) Trichlorofluoromethane	3.13	101	129876	56.793	ug/l	100
8) Diethyl Ether	3.54	74	51680	58.158	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	80967	55.004	ug/l	99
10) Methyl Iodide	4.10	142	116471	57.806	ug/l	98
11) Tert butyl alcohol	4.97	59	36624	233.950	ug/l	98
12) 1,1-Dichloroethene	3.88	96	106515	70.727	ug/l	99
13) Acrolein	3.74	56	3777	26.800	ug/l	88
14) Allyl chloride	4.49	41	107701	42.373	ug/l	99
15) Acrylonitrile	5.18	53	119400	268.669	ug/l	99
16) Acetone	3.96	43	89488	247.650	ug/l	100
17) Carbon Disulfide	4.20	76	301512	61.858	ug/l	99
18) Methyl Acetate	4.49	43	89157	74.627	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238525	57.259	ug/l	99
20) Methylene Chloride	4.73	84	113217	69.373	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	239772	140.412	ug/l	99
22) Diisopropyl ether	6.13	45	321364	61.902	ug/l	93
23) Vinyl Acetate	6.07	43	595014	179.211	ug/l	99
24) 1,1-Dichloroethane	6.03	63	290512	102.217	ug/l	99
25) 2-Butanone	7.00	43	151467	269.330	ug/l #	78
26) 2,2-Dichloropropane	7.00	77	134177	51.339	ug/l #	1
27) cis-1,2-Dichloroethene	7.00	96	2566103	1371.413	ug/l	92
28) Bromochloromethane	7.35	49	67238	57.612	ug/l	98
29) Tetrahydrofuran	7.36	42	102947	267.115	ug/l	97
30) Chloroform	7.52	83	172871	62.077	ug/l	99
31) Cyclohexane	7.80	56	157253	52.257	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	146614	59.336	ug/l	100
36) 1,1-Dichloropropene	7.93	75	128276	52.423	ug/l	99
37) Ethyl Acetate	7.08	43	64716	45.065	ug/l #	80
38) Carbon Tetrachloride	7.91	117	118604	52.889	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	154147	46.466	ug/l	99
40) Benzene	8.17	78	416263	58.277	ug/l	99
41) Methacrylonitrile	7.33	41	39579m	58.673	ug/l	
42) 1,2-Dichloroethane	8.25	62	110195	55.096	ug/l	100
43) Isopropyl Acetate	8.28	43	139869	50.935	ug/l	99
44) Trichloroethene	8.94	130	134315	72.165	ug/l	100
45) 1,2-Dichloropropane	9.22	63	99034	56.083	ug/l	99
46) Dibromomethane	9.31	93	50434	52.346	ug/l	98
47) Bromodichloromethane	9.50	83	124847	53.170	ug/l	97
48) Methyl methacrylate	9.30	41	64790	50.986	ug/l	99
49) 1,4-Dioxane	9.30	88	12752	1086.807	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	343854	246.780	ug/l	99
52) Toluene	10.25	92	244163	53.595	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	119670	45.545	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	145527	49.124	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	70621	49.442	ug/l	97
56) Ethyl methacrylate	10.51	69	103473	47.358	ug/l	99
57) 1,3-Dichloropropane	10.79	76	122527	49.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	155039	201.753	ug/l	99
59) 2-Hexanone	10.83	43	233356	238.968	ug/l	97
60) Dibromochloromethane	10.99	129	77087	46.874	ug/l	99
61) 1,2-Dibromoethane	11.09	107	64240	46.060	ug/l	100
64) Tetrachloroethene	10.72	164	79742	60.959	ug/l	98
65) Chlorobenzene	11.52	112	221620	54.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	83249	59.569	ug/l	99
67) Ethyl Benzene	11.59	91	426547	57.505	ug/l	99
68) m/p-Xylenes	11.70	106	320003	114.364	ug/l	100
69) o-Xylene	12.03	106	152674	56.909	ug/l	100
70) Styrene	12.04	104	238746	50.719	ug/l	98
71) Bromoform	12.20	173	40267	46.722	ug/l	98
73) Isopropylbenzene	12.33	105	392614	73.473	ug/l	100
74) N-amyl acetate	12.14	43	106971	64.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	74611	66.364	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	50793m	66.751	ug/l	
77) Bromobenzene	12.61	156	76034	64.394	ug/l	95
78) n-propylbenzene	12.67	91	428419	66.653	ug/l	100
79) 2-Chlorotoluene	12.75	91	237669	64.384	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	297651	66.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22838	50.896	ug/l #	95
82) 4-Chlorotoluene	12.85	91	238368	60.487	ug/l	99
83) tert-Butylbenzene	13.07	119	262714	70.124	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	290840	65.686	ug/l	100
85) sec-Butylbenzene	13.25	105	329865	61.203	ug/l	100
86) p-Isopropyltoluene	13.37	119	281267	60.106	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	119244	53.400	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	121487	52.861	ug/l	99
89) n-Butylbenzene	13.69	91	230222	48.847	ug/l	98
90) Hexachloroethane	13.96	117	55657	60.870	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	103414	49.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11022	54.348	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	36787	26.903	ug/l	98
94) Hexachlorobutadiene	15.11	225	19926	28.926	ug/l	99
95) Naphthalene	15.23	128	110455	34.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29010	24.073	ug/l	99

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

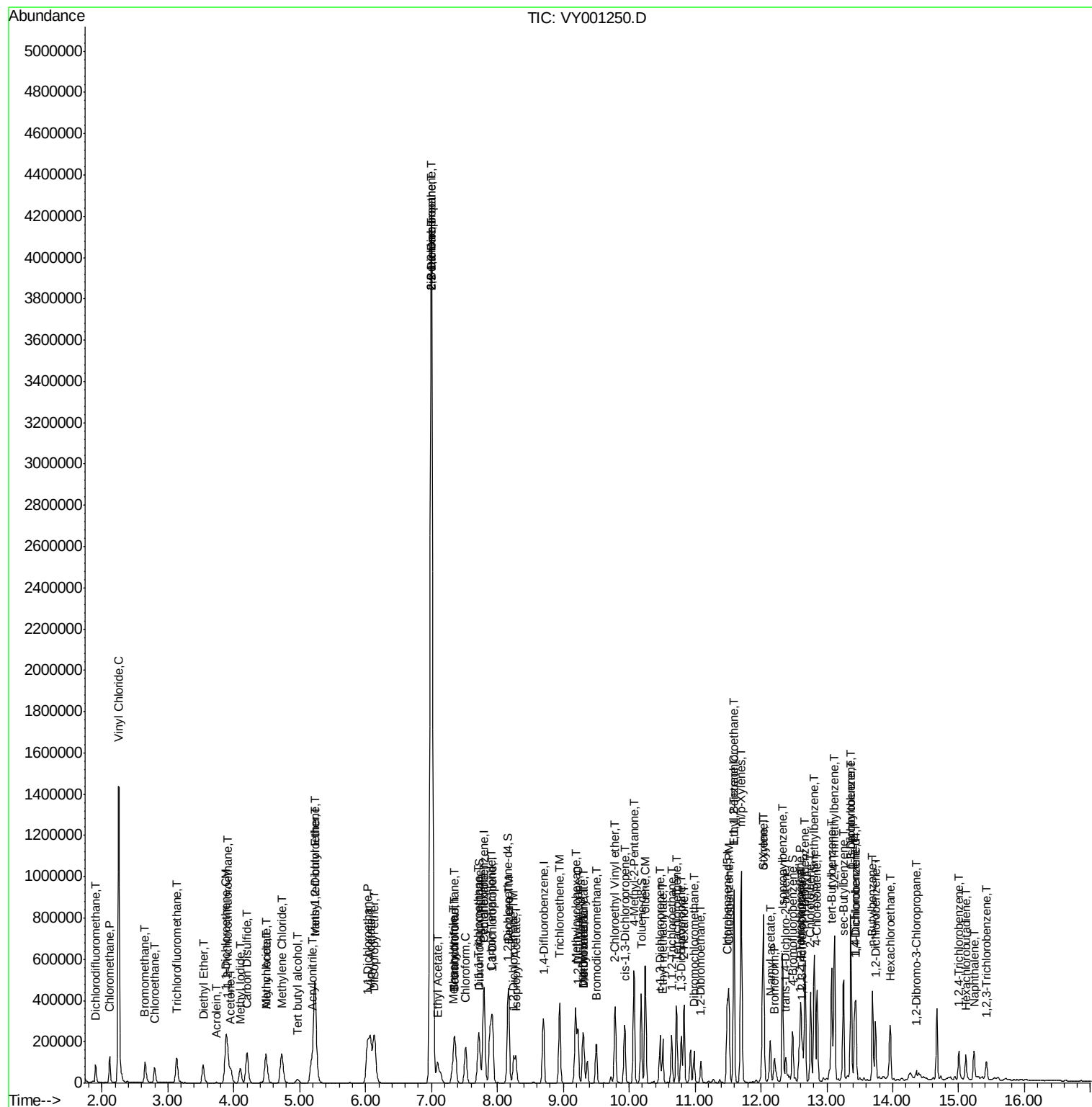
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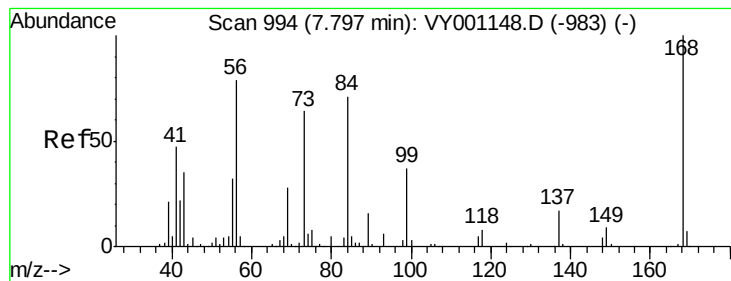
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:168 Resp: 147316

Ion Ratio Lower Upper

168 100

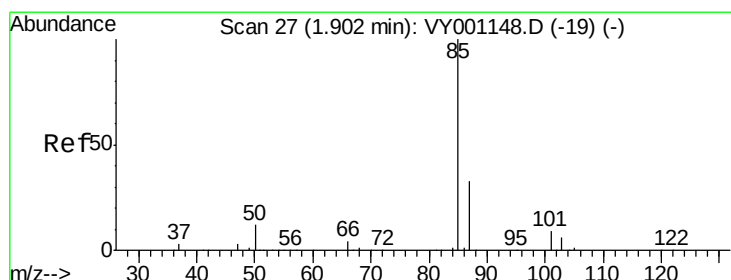
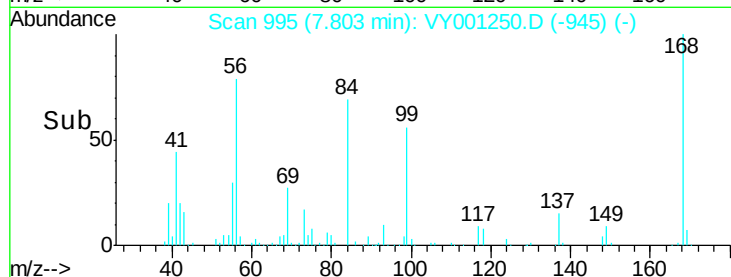
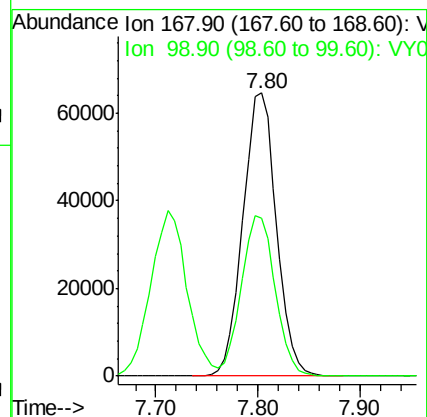
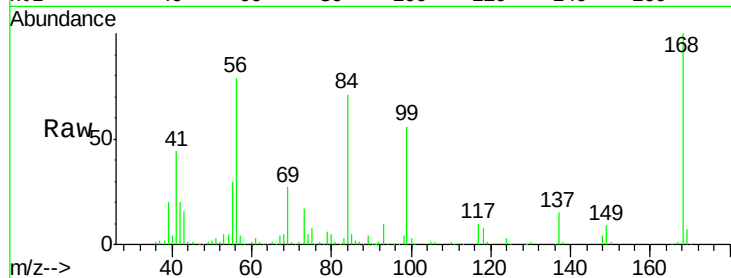
99 55.7 47.9 71.9

Manual Integrations

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1/16/2020 9:36:59 AM



#2

Dichlorodifluoromethane

Concen: 59.200 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001250.D

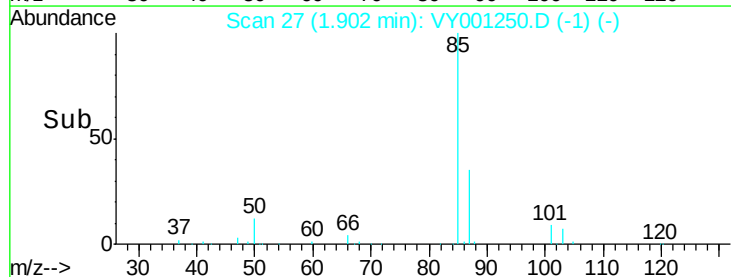
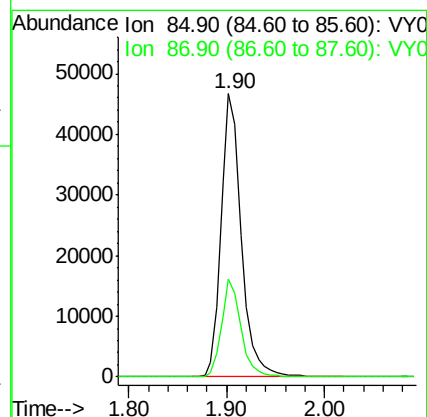
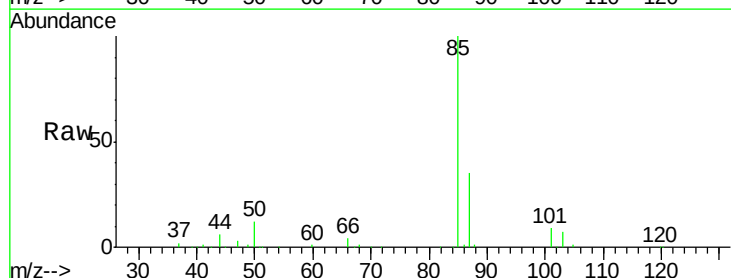
Acq: 16 Jan 2020 04:08

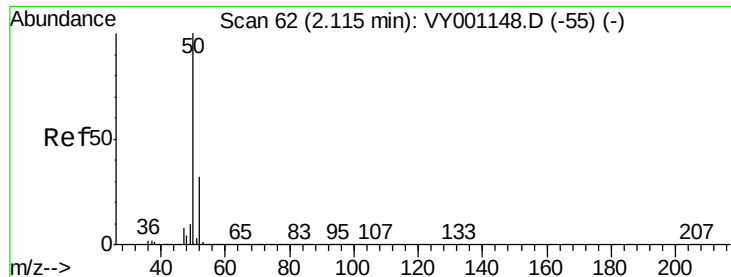
Tgt Ion: 85 Resp: 66978

Ion Ratio Lower Upper

85 100

87 34.6 16.4 49.2





#3

Chloromethane

Concen: 66.114 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 107818

Ion Ratio Lower Upper

50 100

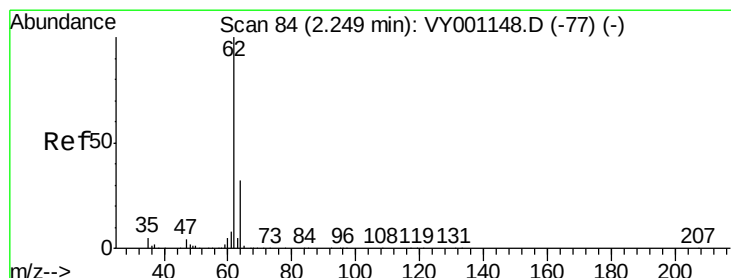
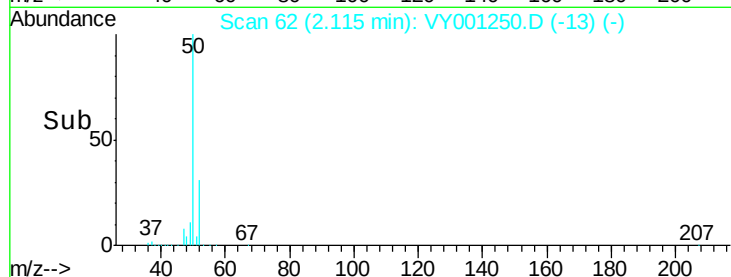
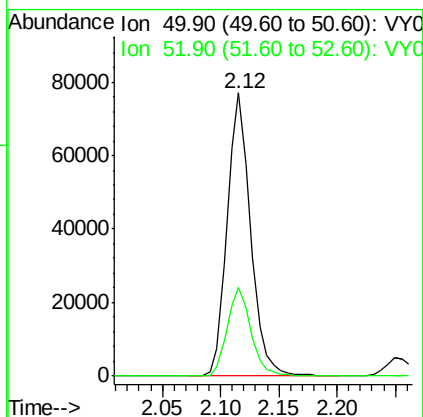
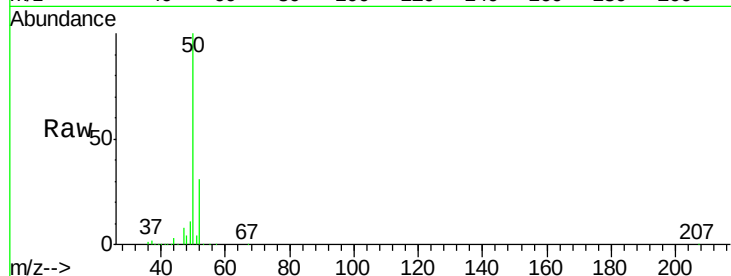
52 31.5 25.8 38.6

Manual Integrations

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1/16/2020 9:36:59 AM



#4

Vinyl Chloride

Concen: 864.127 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001250.D

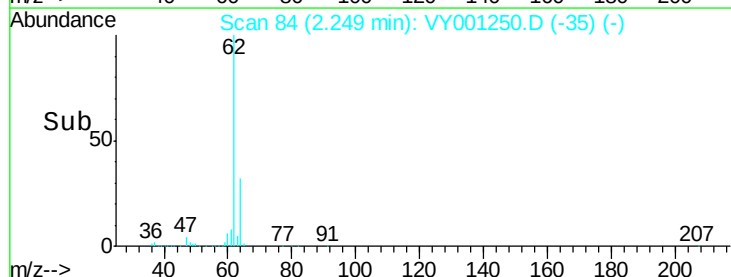
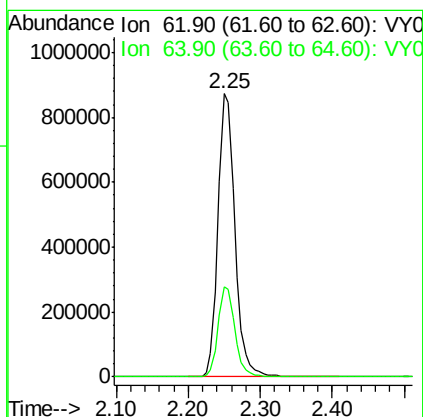
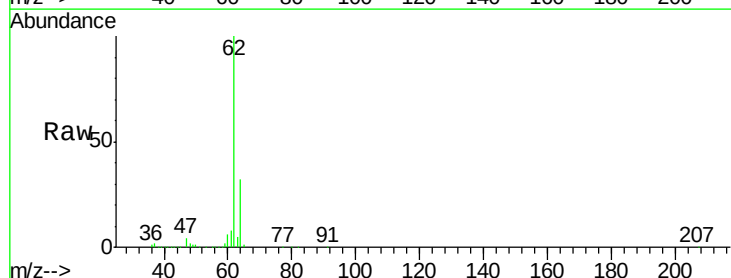
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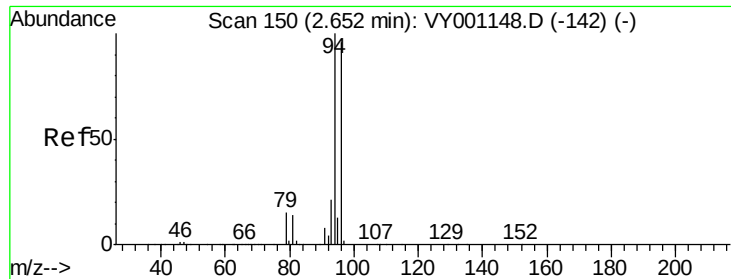
Tgt Ion: 62 Resp: 1419688

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 82.097 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

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Tot Ion: 94 Resp: 72450

Ion Ratio Lower Upper

94 100

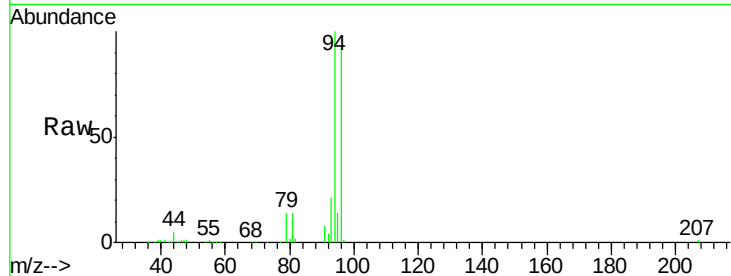
96 92.7 77.3 115.9

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

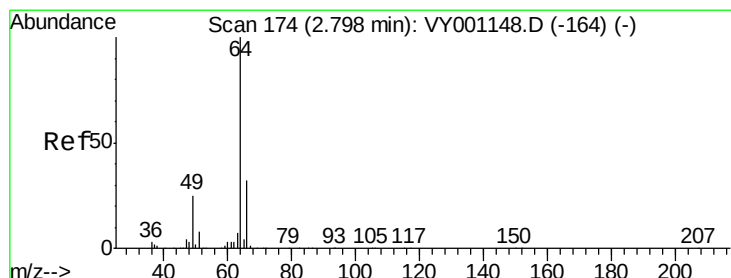
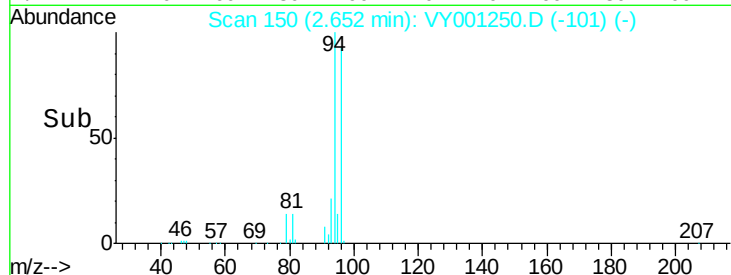
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 76.162 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001250.D

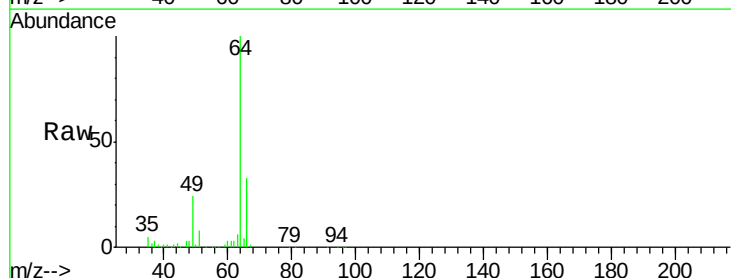
Acq: 16 Jan 2020 04:08

Tgt Ion: 64 Resp: 72290

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

40000

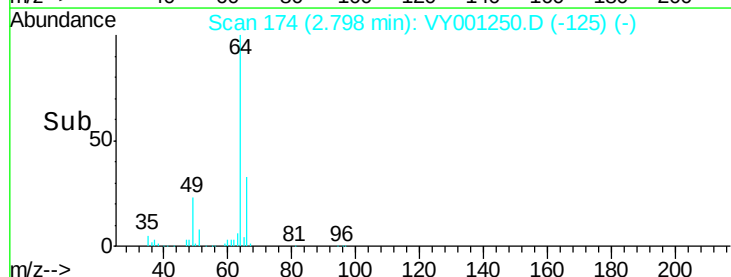
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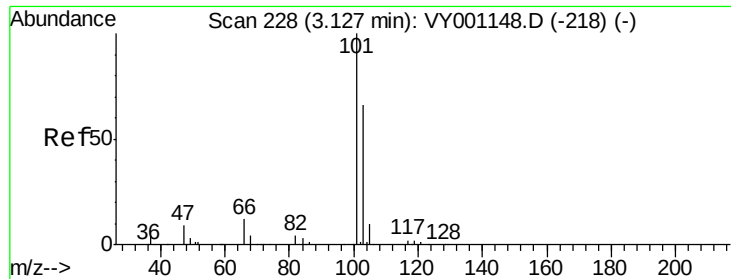
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Time-->





#7

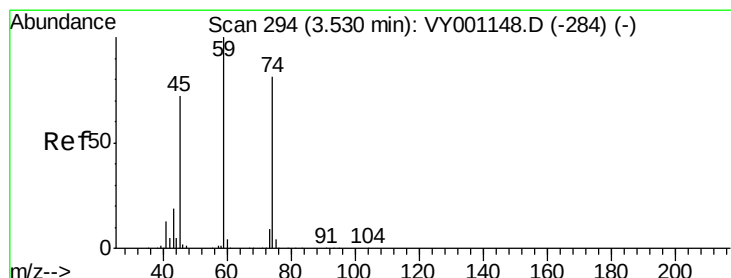
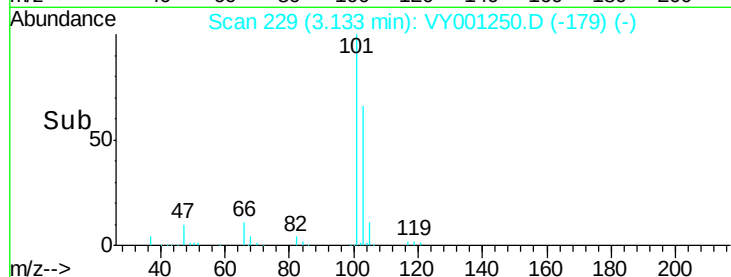
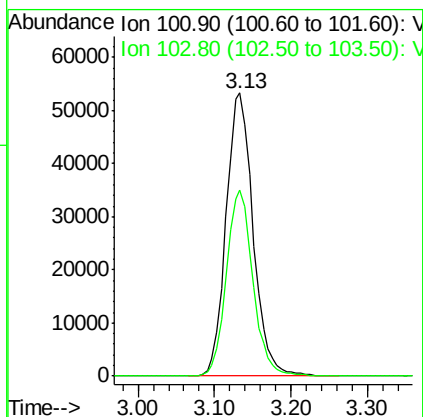
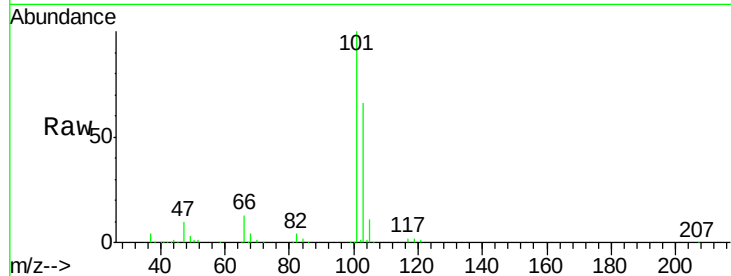
Trichlorofluoromethane
Concen: 56.793 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.6	79.0

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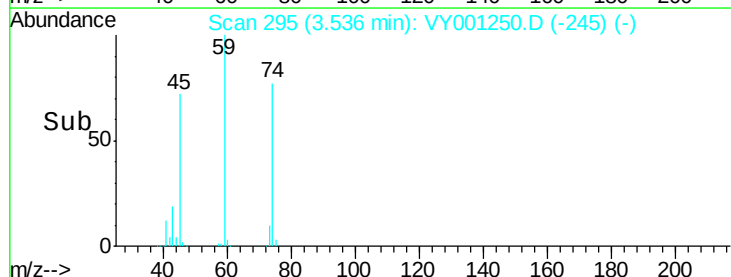
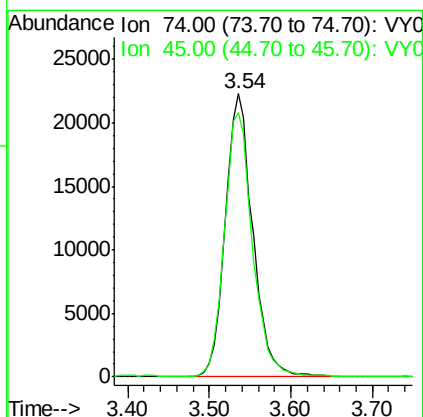
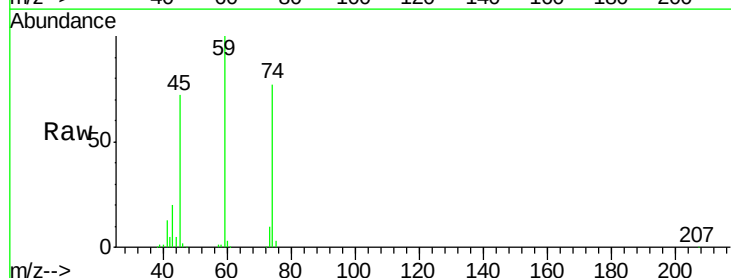
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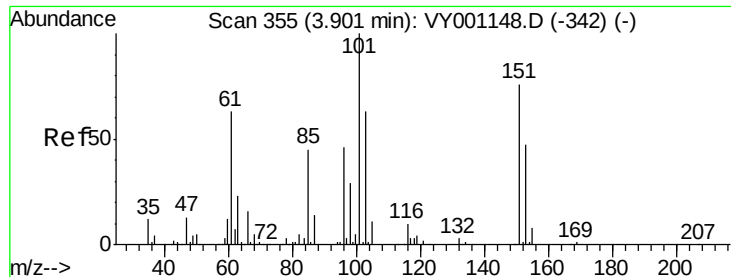


#8

Diethyl Ether
Concen: 58.158 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.004 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001250.D

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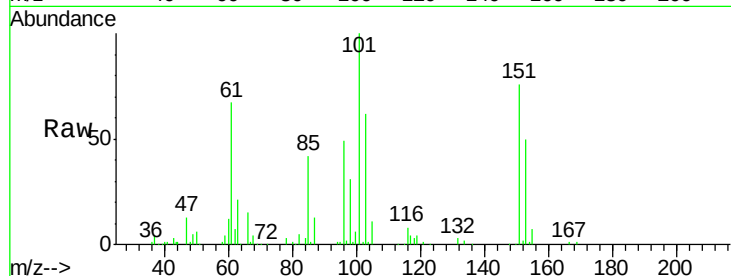
ClientSampleId :

WP022SB457_200113_28-30MSD

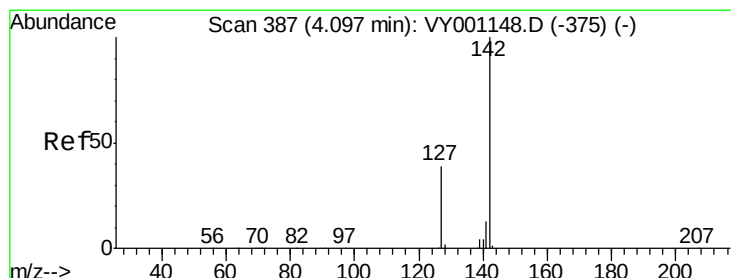
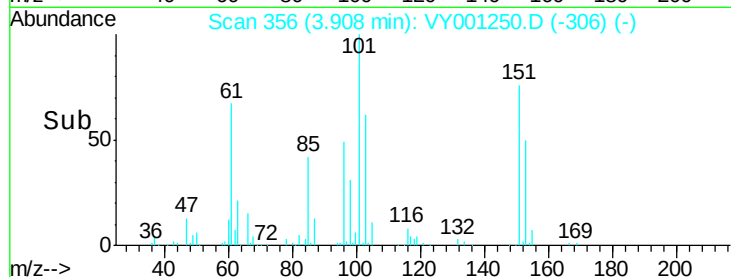
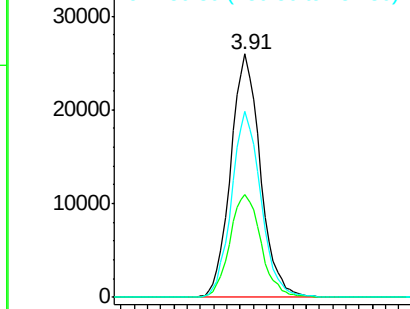
Tot Ion:	101	Resp:	80967
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	75.6	61.4	92.2

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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: 57.806 ug/l

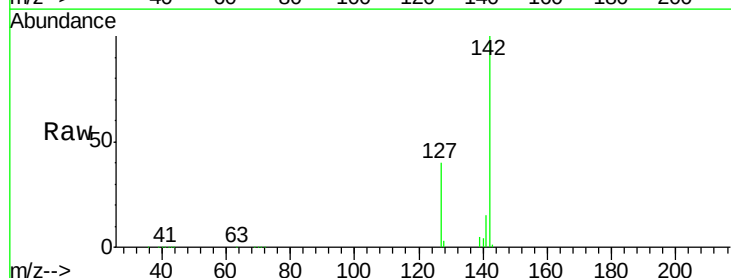
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

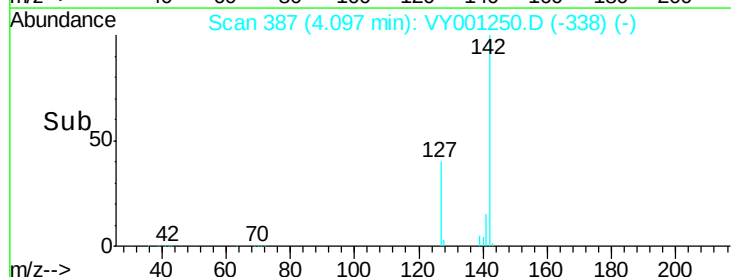
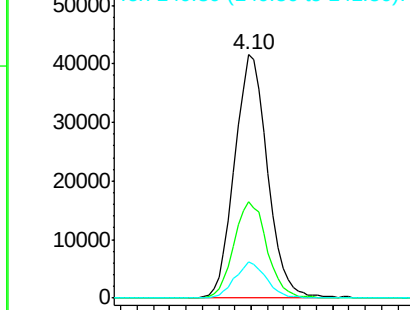
Lab File: VY001250.D

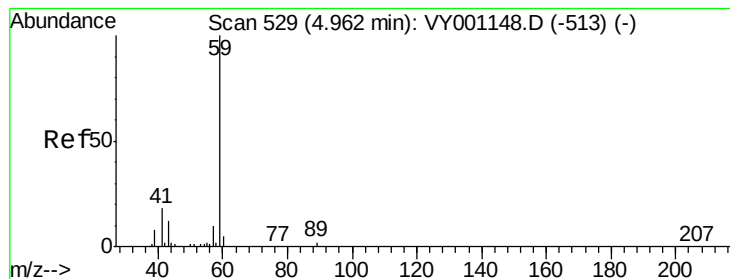
Acq: 16 Jan 2020 04:08

Tgt Ion:	142	Resp:	116471
Ion Ratio	Lower	Upper	
142	100		
127	39.6	30.8	46.2
141	14.2	11.0	16.4



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

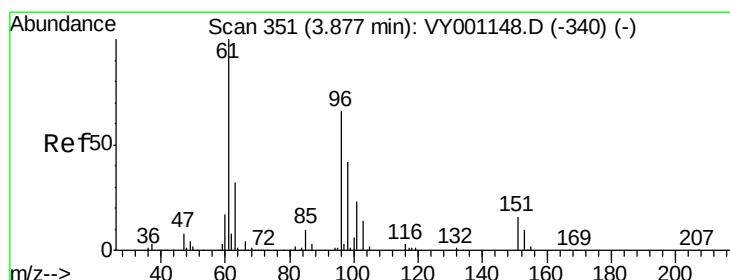
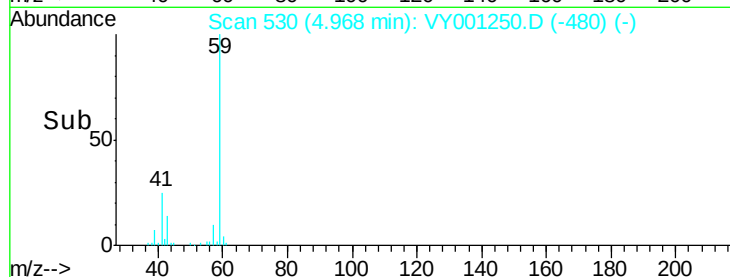
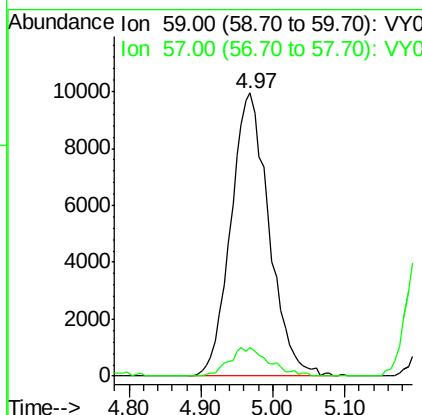
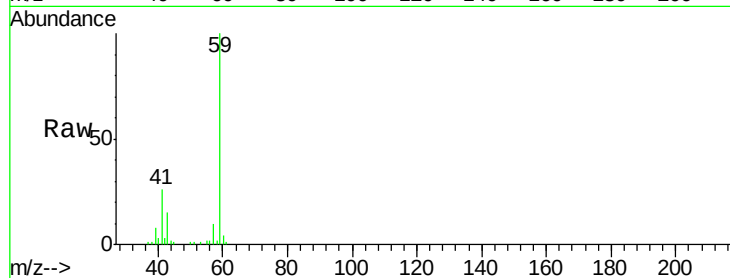
Tert butyl alcohol
 Concen: 233.950 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion	59	Resp	36624
Ion Ratio	100	Lower	Upper
57	10.6	7.8	11.8

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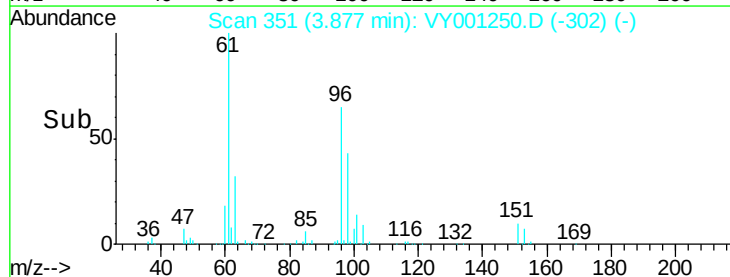
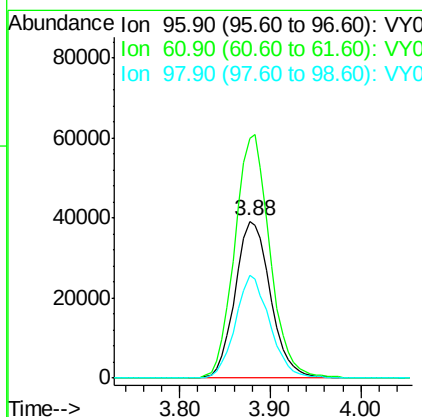
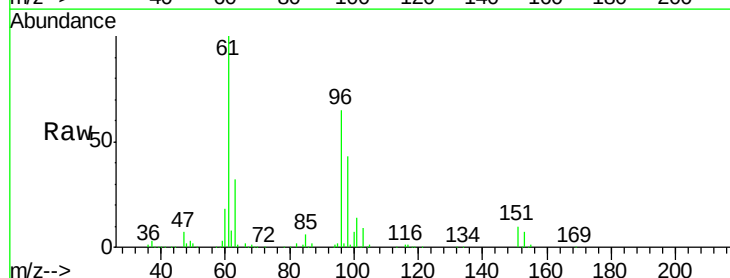
MMDadoda
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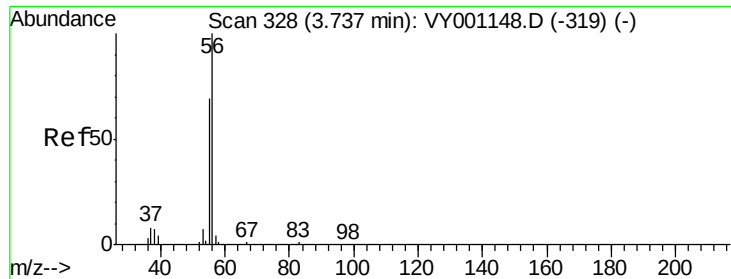


#12

1,1-Dichloroethene
 Concen: 70.727 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion	96	Resp	106515
Ion Ratio	100	Lower	Upper
61	152.9	122.1	183.1
98	65.6	51.0	76.6





#13

Acrolein

Concen: 26.800 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 56 Resp: 3777

Ion Ratio Lower Upper

56 100

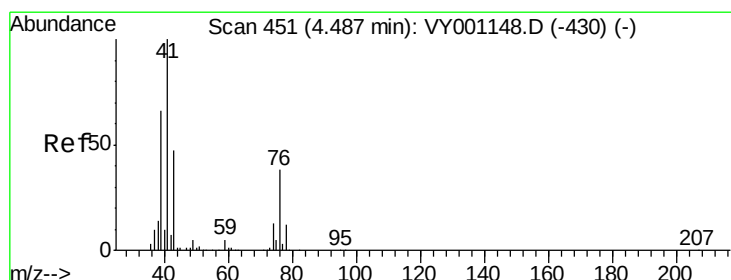
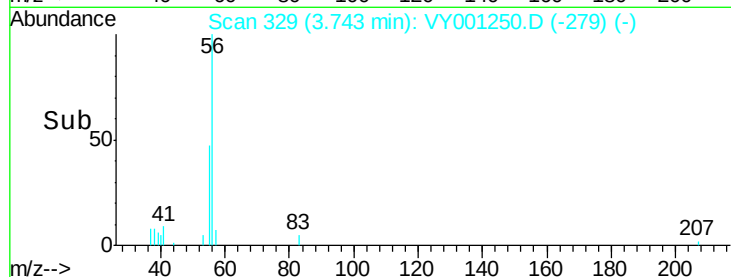
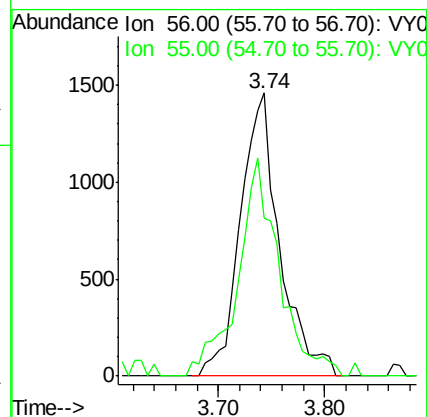
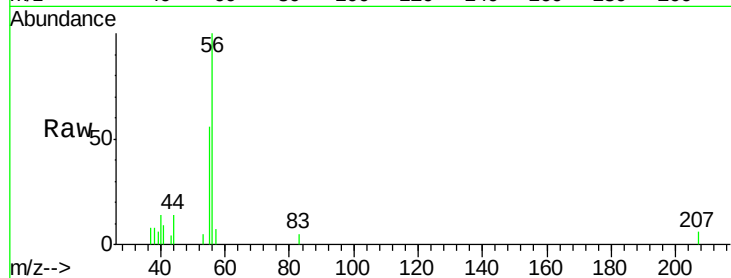
55 80.5 56.7 85.1

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#14

Allyl chloride

Concen: 42.373 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

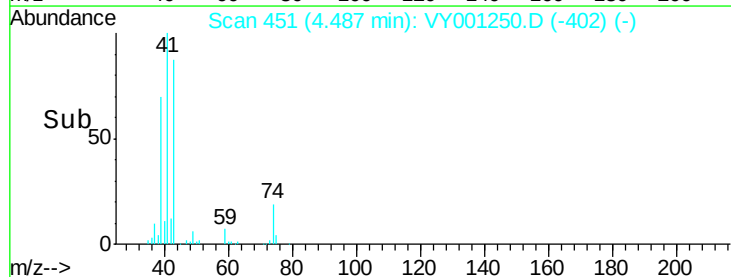
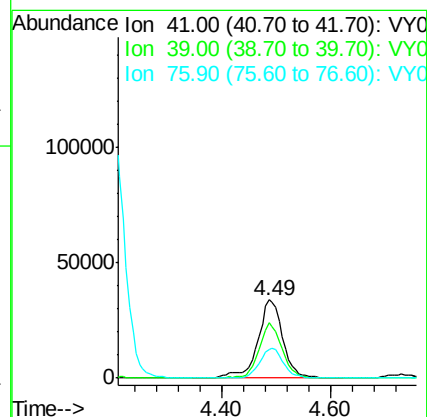
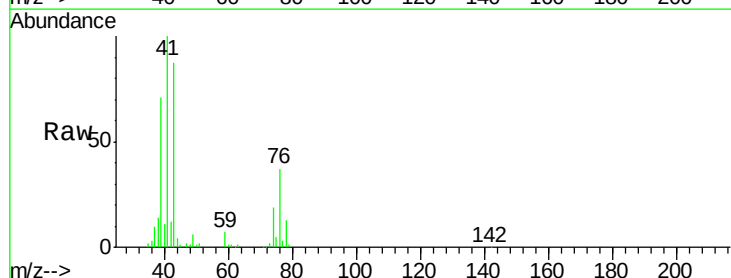
Tgt Ion: 41 Resp: 107701

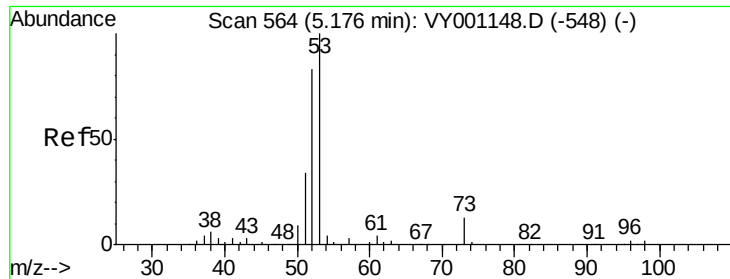
Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

76 36.2 30.2 45.2





#15

Acrylonitrile

Concen: 268.669 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

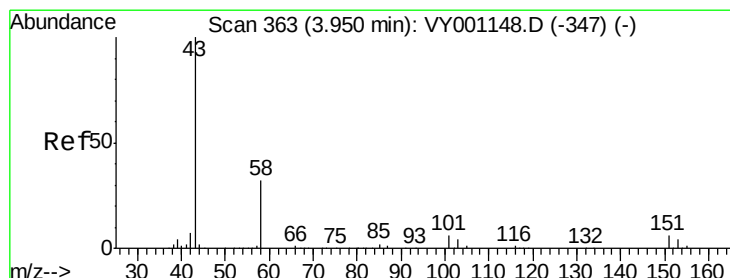
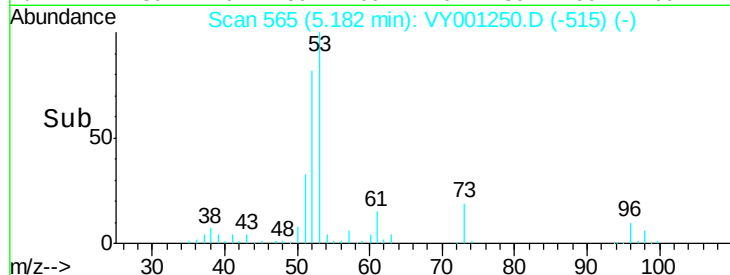
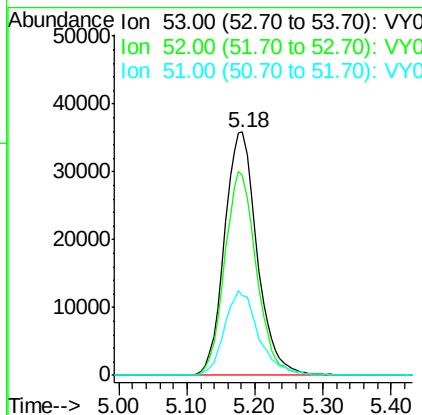
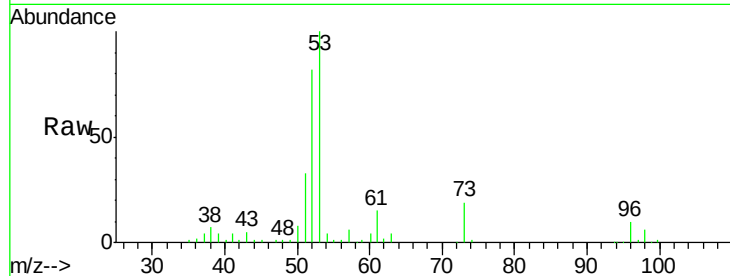
ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:	53	Resp:	119400
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.7	98.5
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 247.650 ug/l

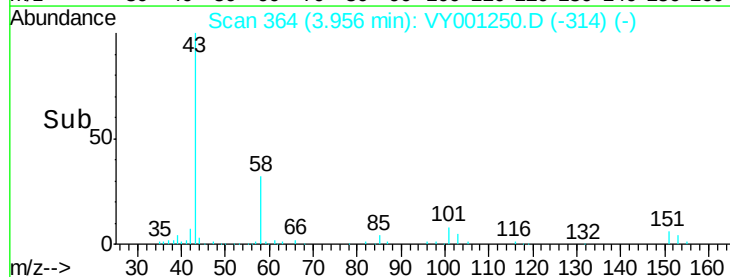
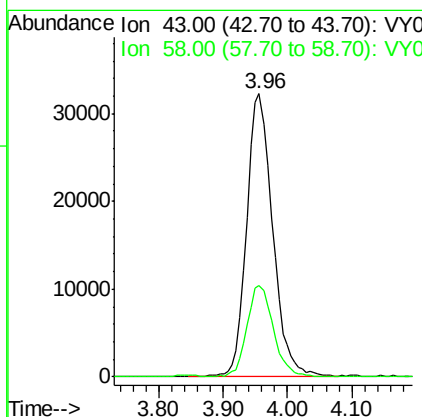
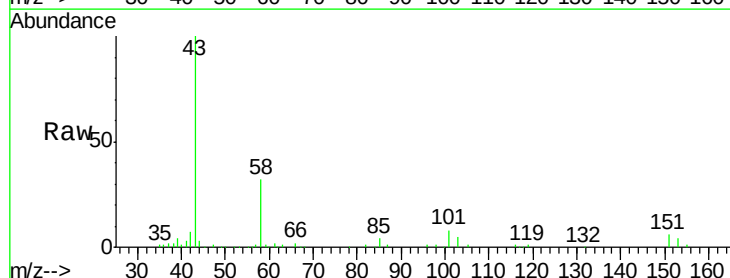
RT: 3.96 min Scan# 364

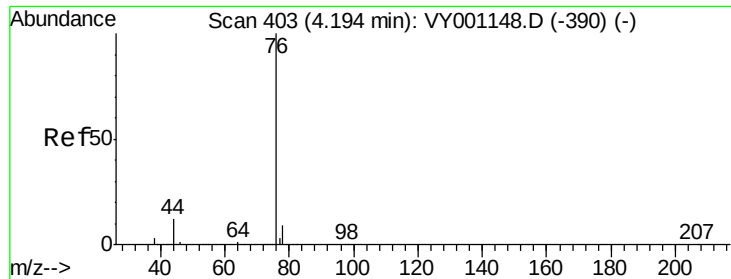
Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion:	43	Resp:	89488
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6





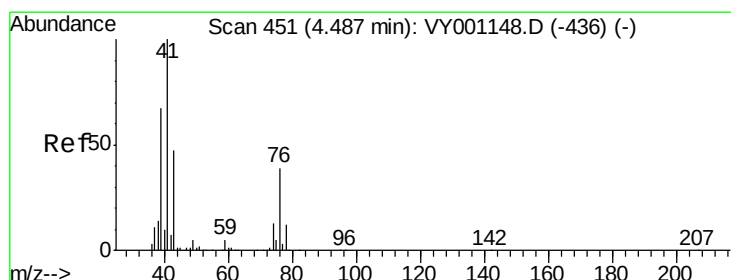
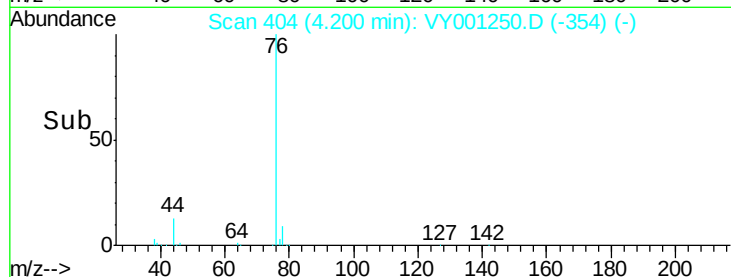
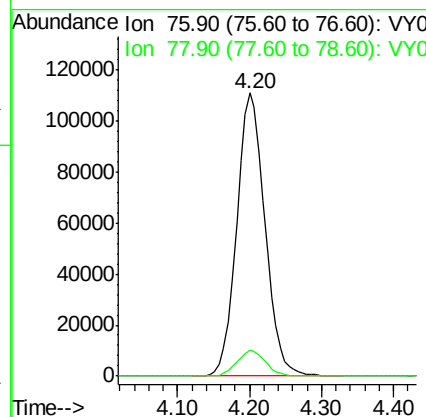
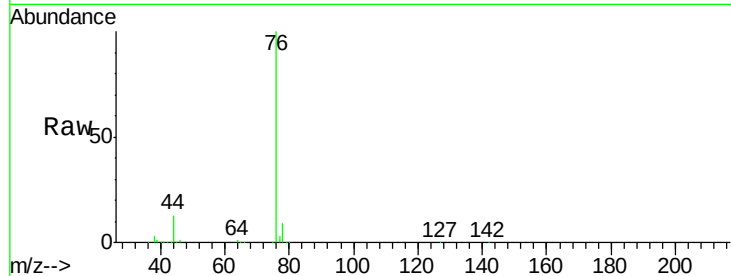
#17
Carbon Disulfide
Concen: 61.858 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

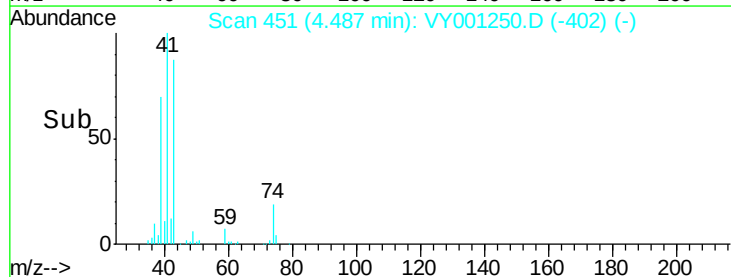
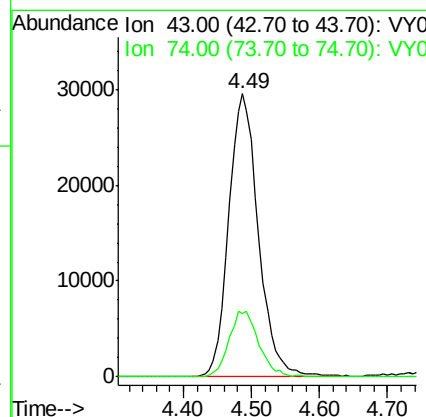
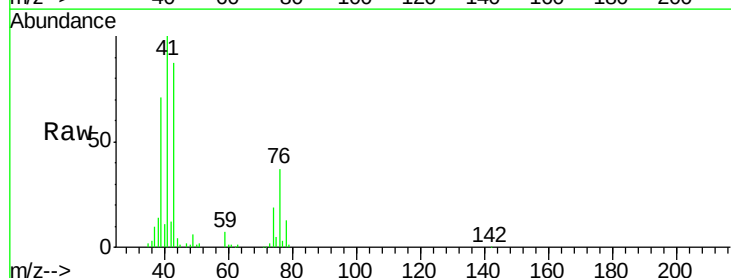
Manual Integrations
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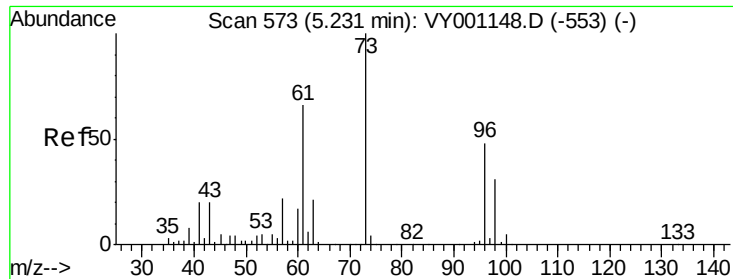
MMDadoda
1/16/2020 9:36:59 AM



#18
Methyl Acetate
Concen: 74.627 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	20.2	30.2





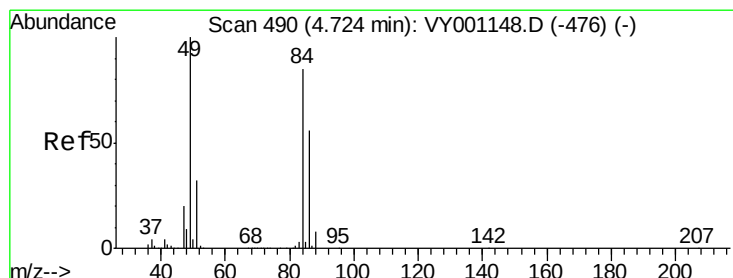
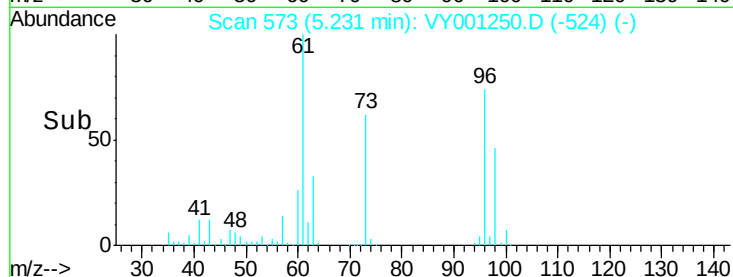
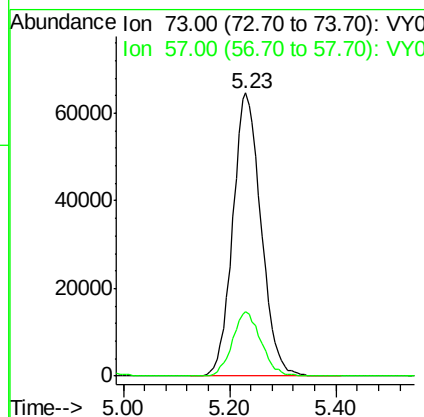
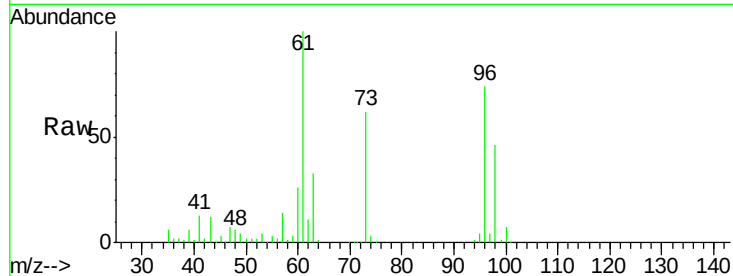
#19
Methyl tert-butyl Ether
Concen: 57.259 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion: 73 Resp: 238525
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.6

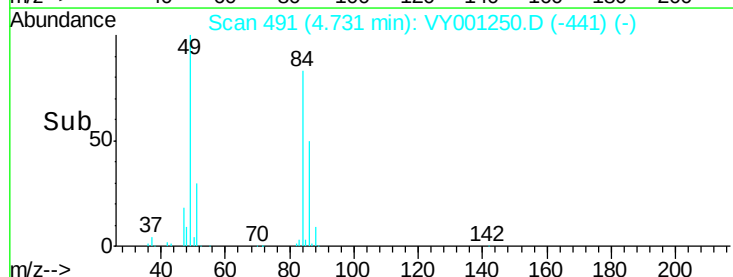
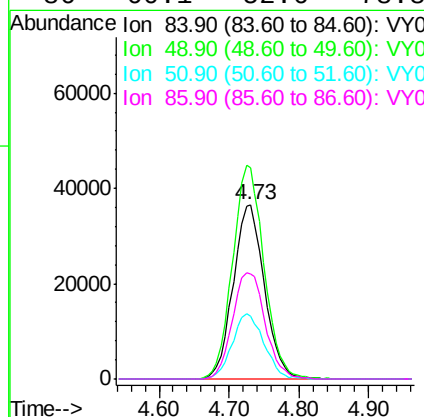
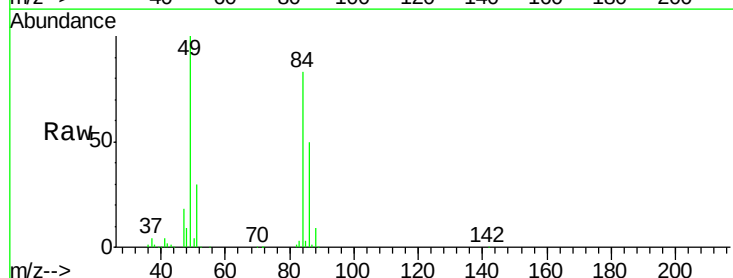
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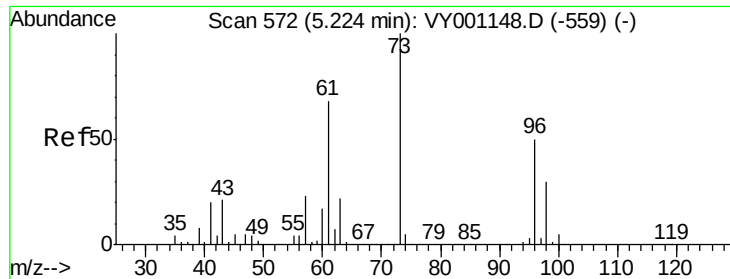
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#20
Methylene Chloride
Concen: 69.373 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 84 Resp: 113217
Ion Ratio Lower Upper
84 100
49 120.6 93.8 140.6
51 35.8 29.9 44.9
86 60.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 140.412 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

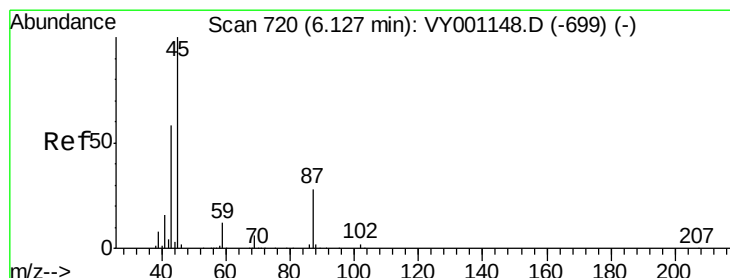
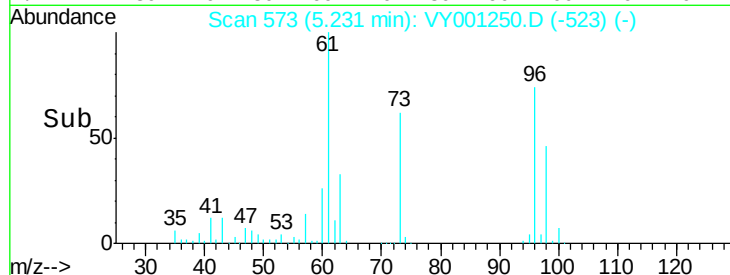
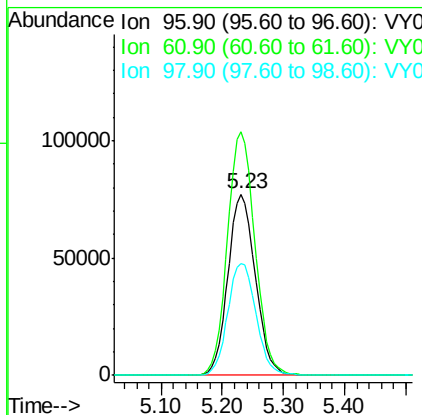
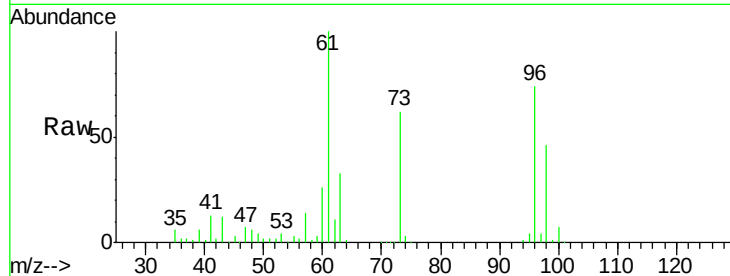
ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:	96	Resp:	239772
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.6	161.4
98	61.9	47.6	71.4

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#22

Diisopropyl ether

Concen: 61.902 ug/l

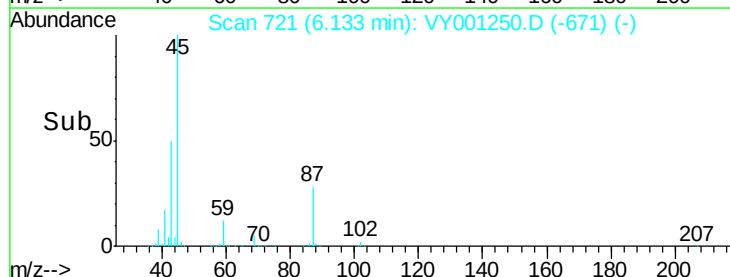
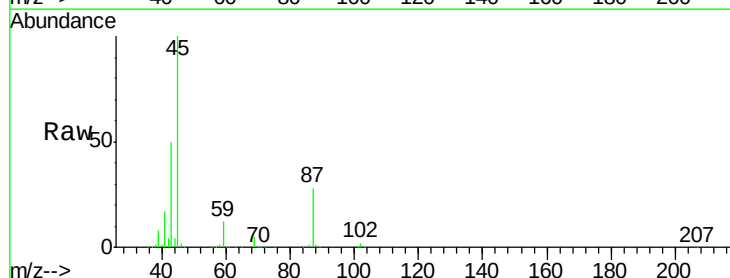
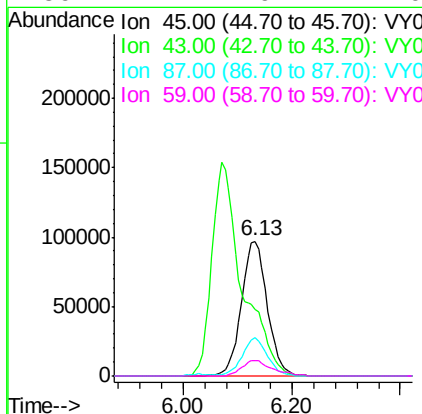
RT: 6.13 min Scan# 721

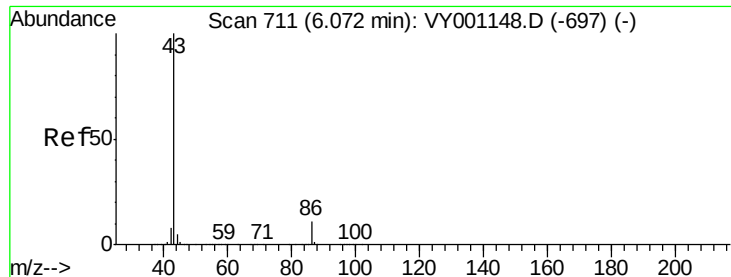
Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion:	45	Resp:	321364
Ion	Ratio	Lower	Upper
45	100		
43	49.4	46.5	69.7
87	28.0	22.5	33.7
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 179.211 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 43 Resp: 595014

Ion Ratio Lower Upper

43 100

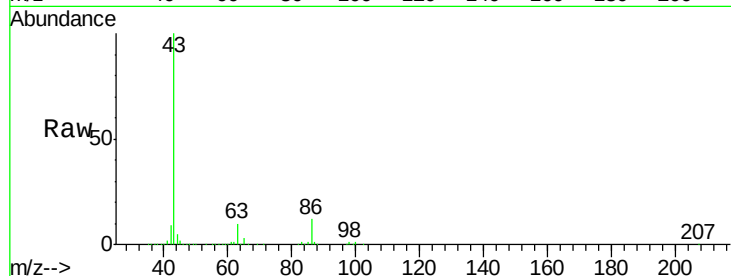
86 11.6 9.0 13.4

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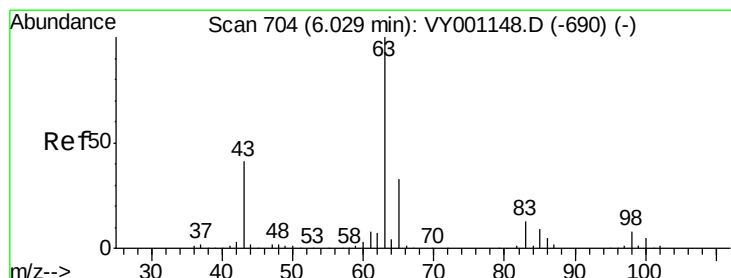
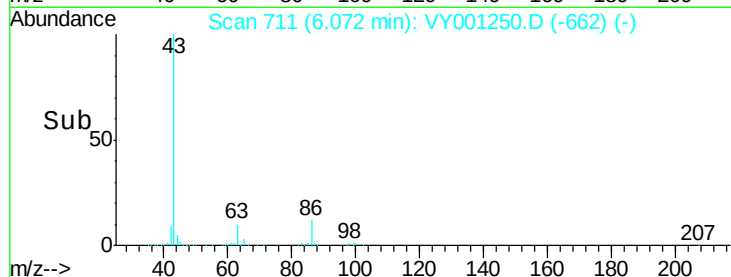
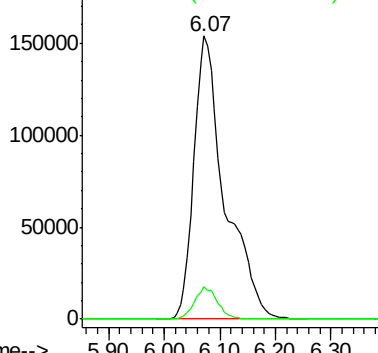
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 102.217 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

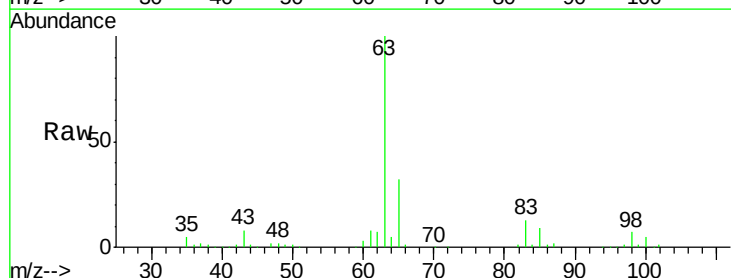
Tgt Ion: 63 Resp: 290512

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

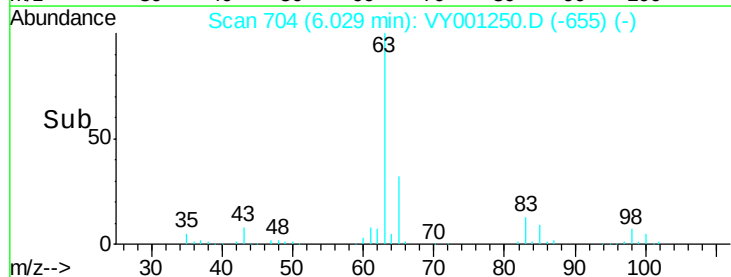
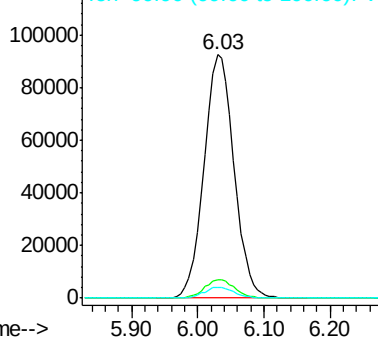
100 4.5 2.4 7.2

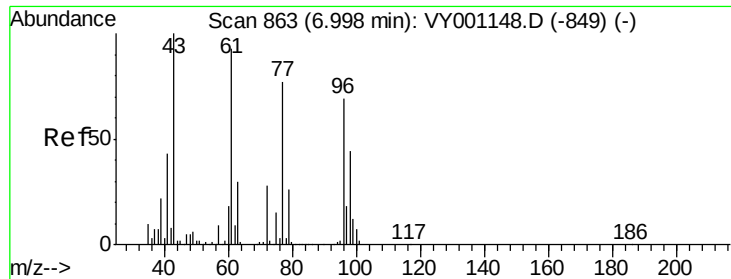


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 269.330 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 43 Resp: 151467

Ion Ratio Lower Upper

43 100

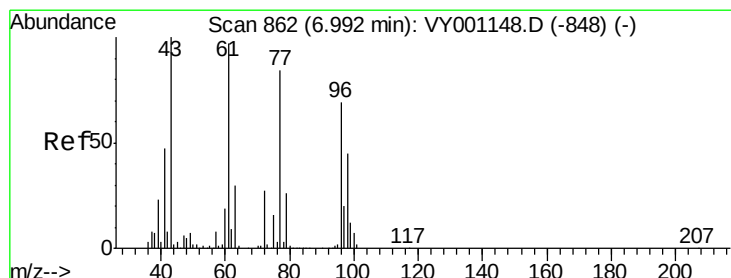
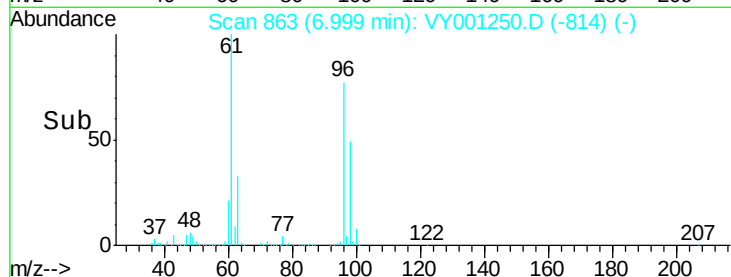
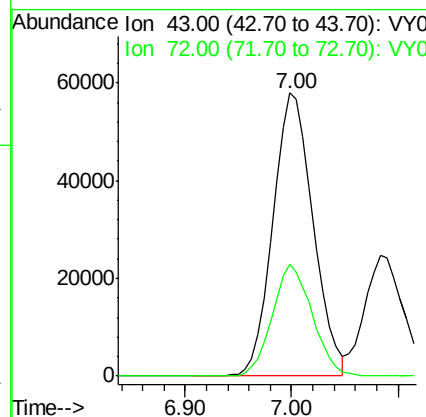
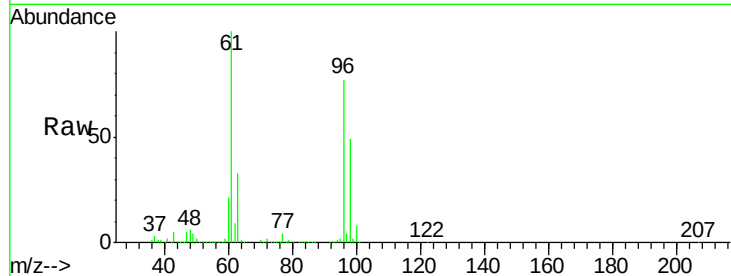
72 39.4 22.2 33.2#

Manual Integrations

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1/16/2020 9:36:59 AM



#26

2,2-Dichloropropane

Concen: 51.339 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001250.D

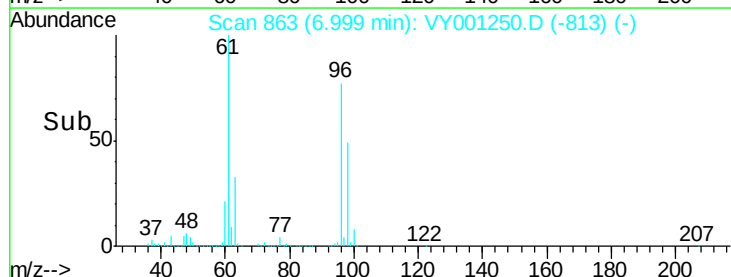
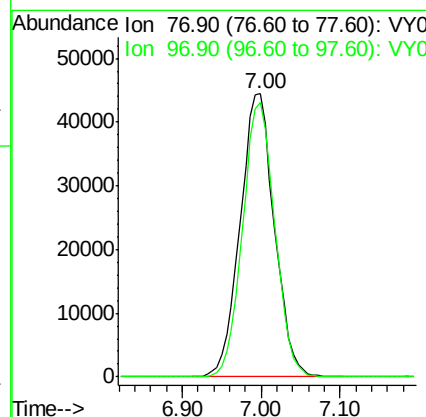
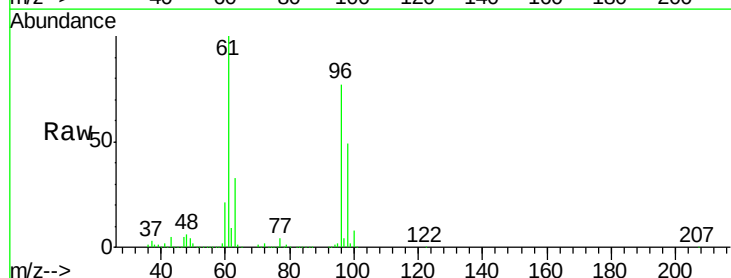
Acq: 16 Jan 2020 04:08

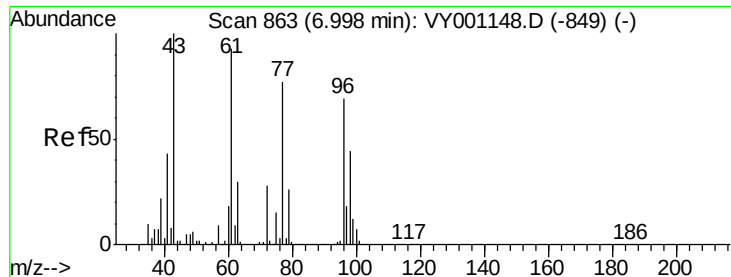
Tgt Ion: 77 Resp: 134177

Ion Ratio Lower Upper

77 100

97 91.5 11.9 35.7#





#27

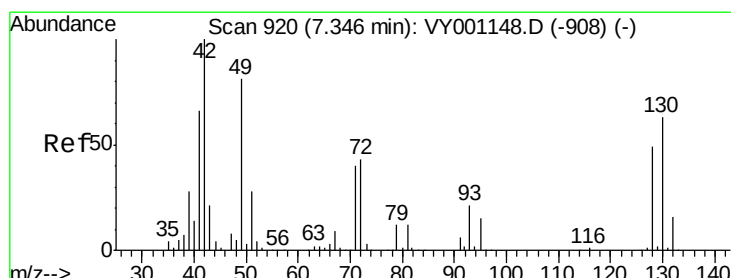
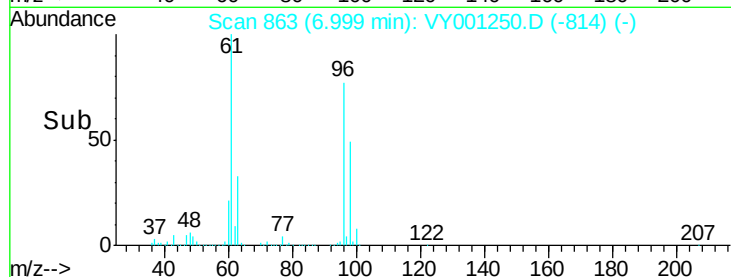
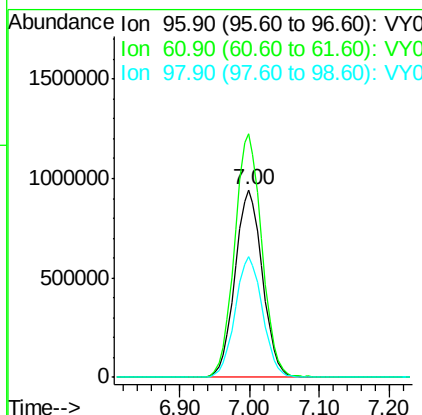
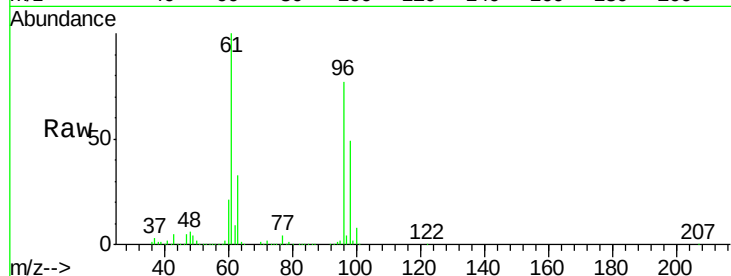
cis-1,2-Dichloroethene
Concen: 1371.413 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	284.0
98	64.1	0.0	130.2

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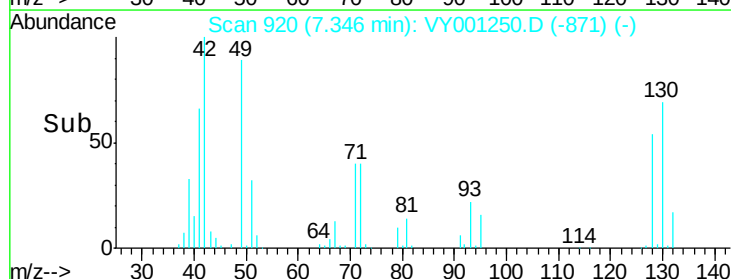
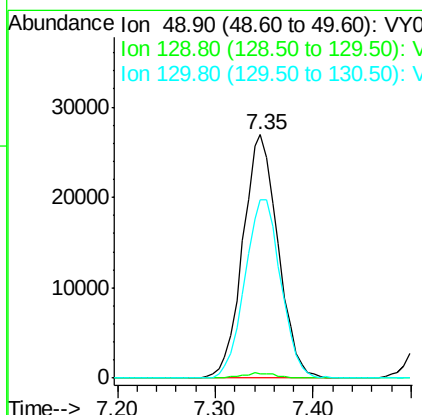
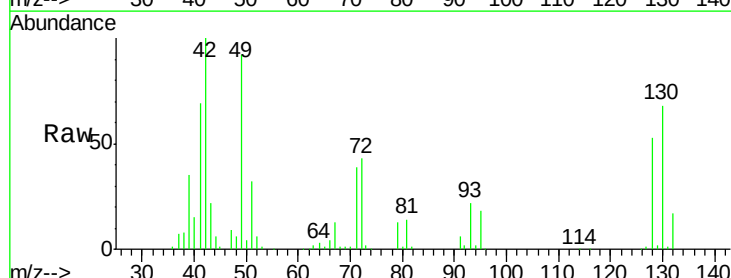
MMDadoda
1/16/2020 9:36:59 AM

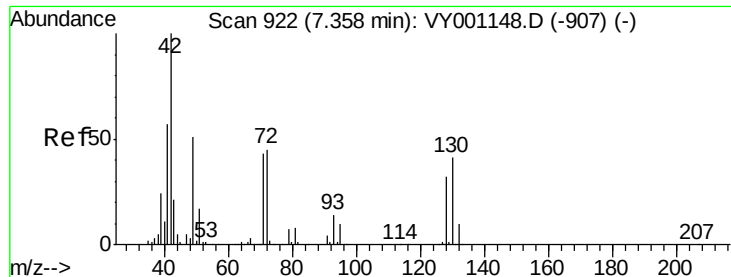


#28

Bromochloromethane
Concen: 57.612 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	75.0	61.2	91.8





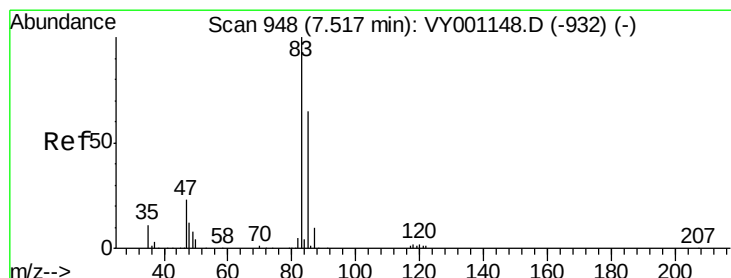
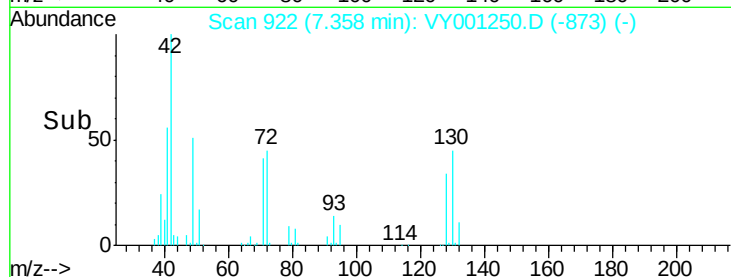
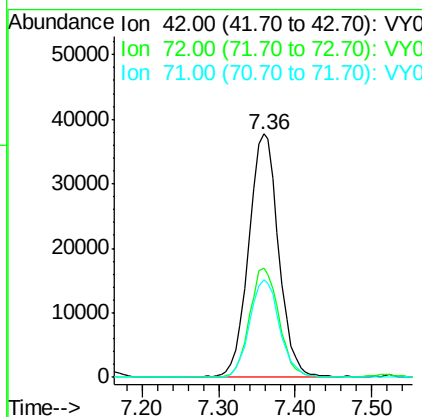
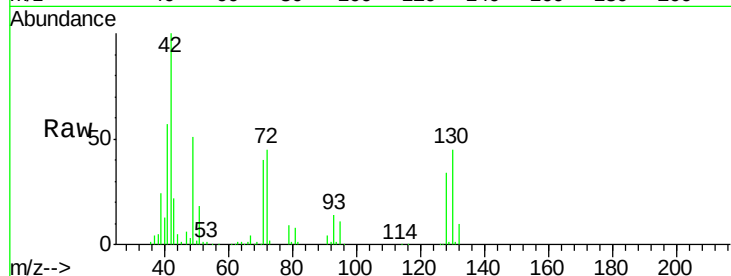
#29
Tetrahydrofuran
Concen: 267.115 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.9	55.3
71	40.1	34.0	51.0

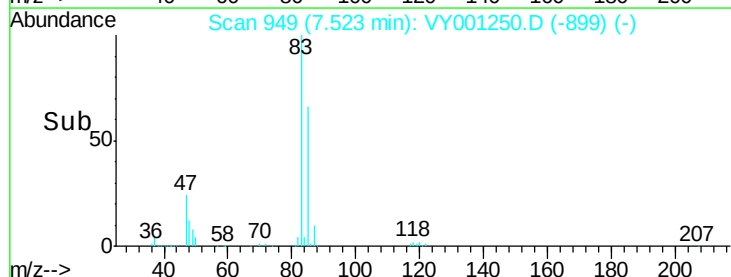
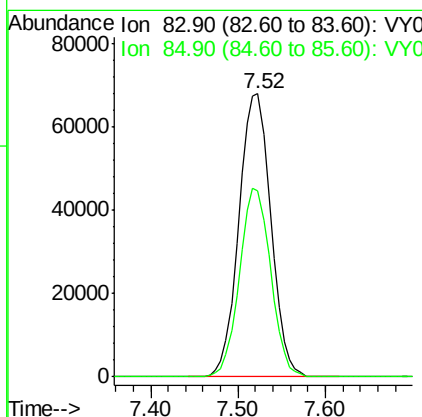
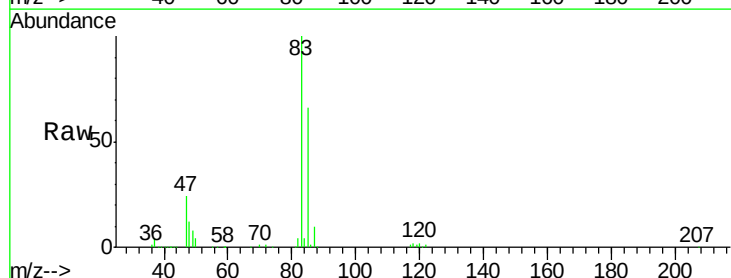
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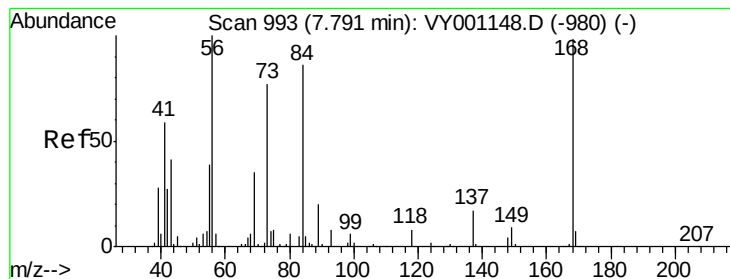
MMDadoda
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#30
Chloroform
Concen: 62.077 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





#31

Cyclohexane

Concen: 52.257 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 56 Resp: 157253

Ion Ratio Lower Upper

56 100

69 32.4 27.8 41.8

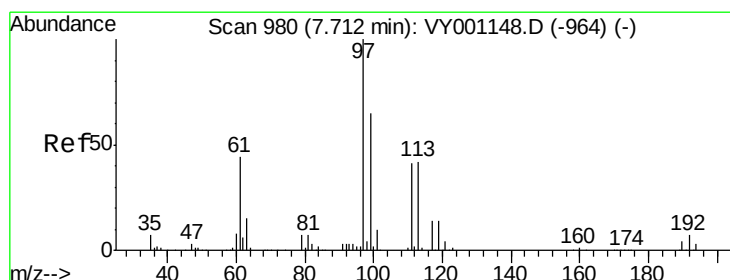
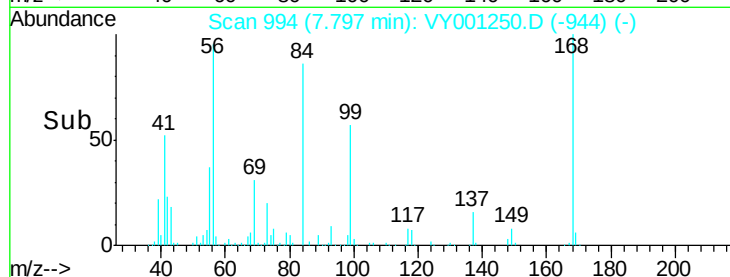
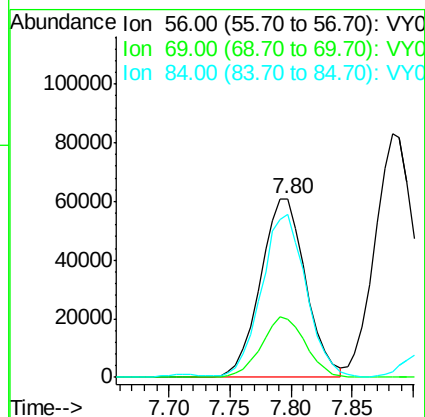
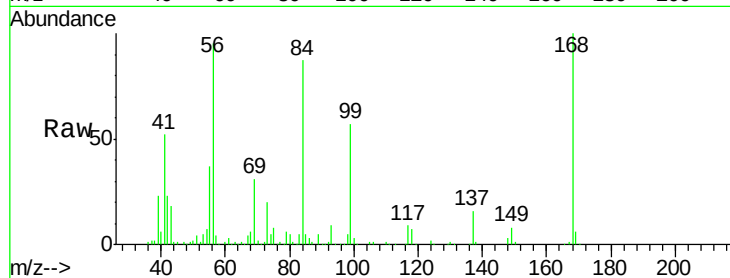
84 90.1 68.9 103.3

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 59.336 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

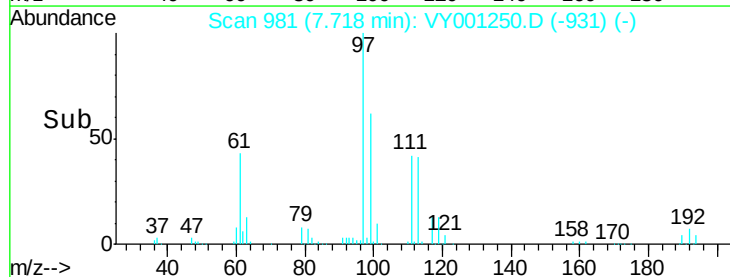
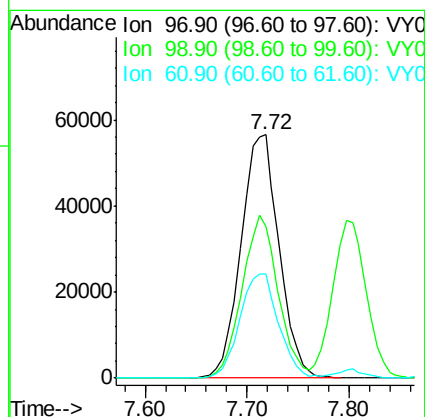
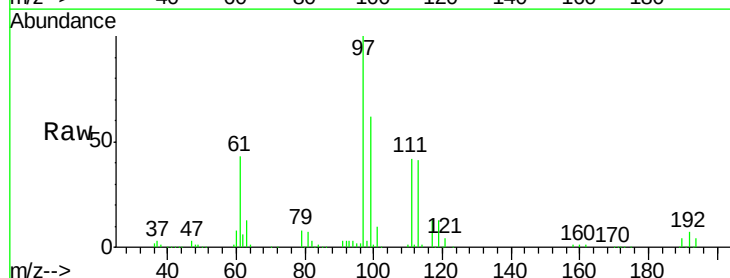
Tgt Ion: 97 Resp: 146614

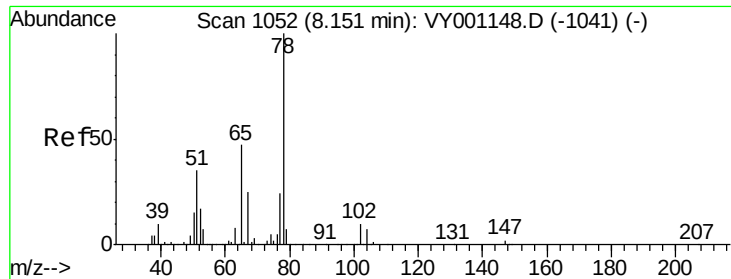
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 43.6 34.6 52.0





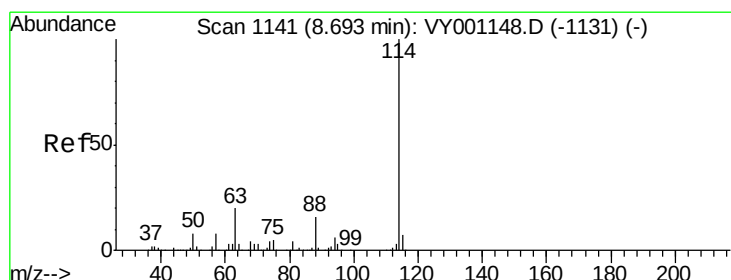
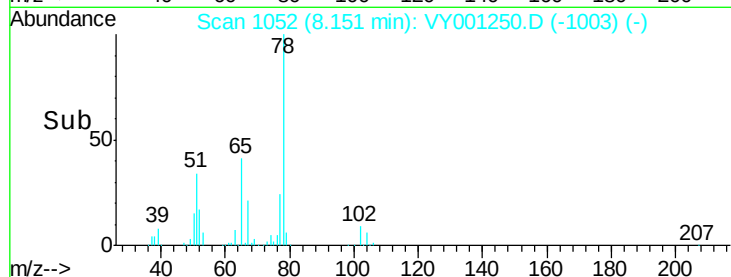
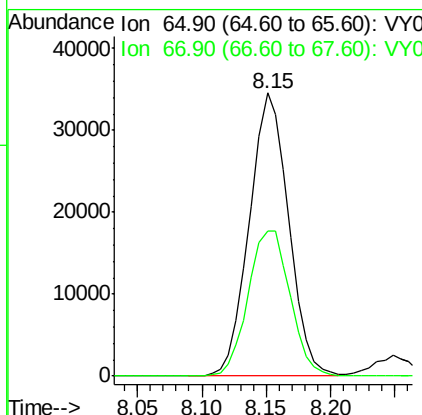
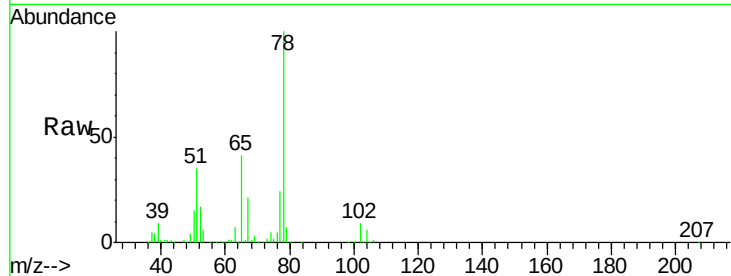
#33
 1,2-Dichloroethane-d4
 Concen: 46.897 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.2

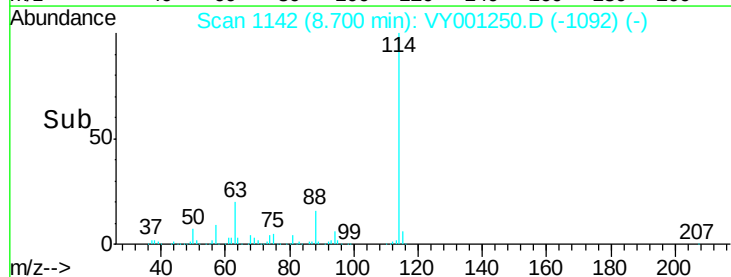
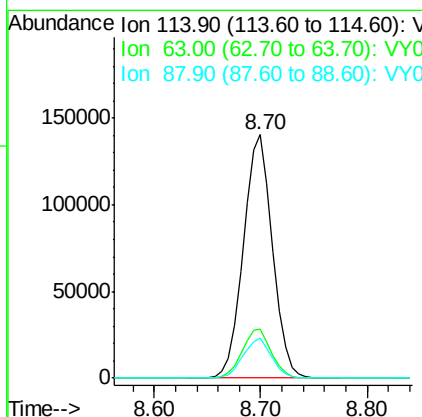
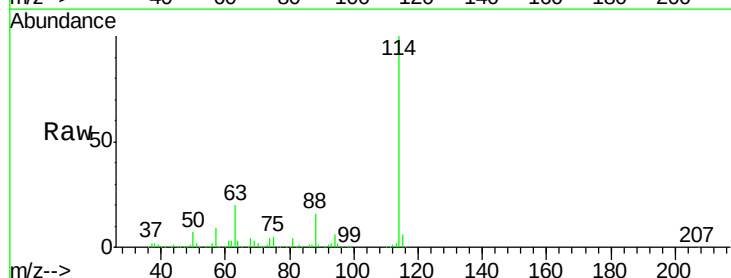
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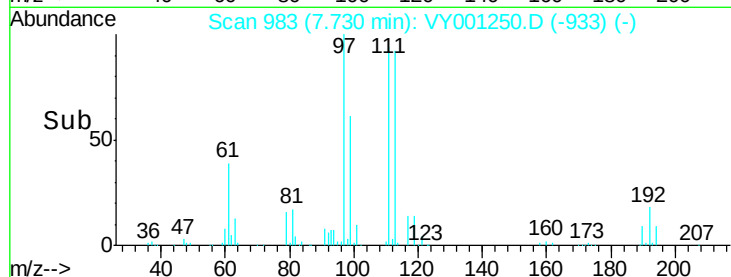
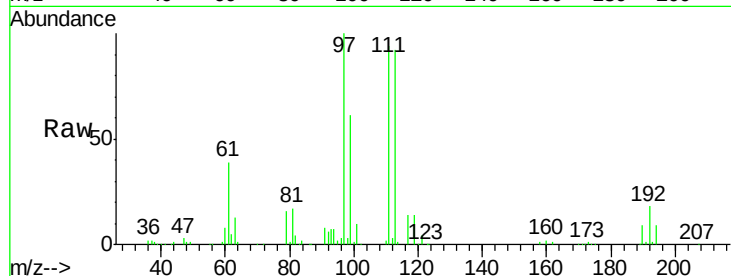
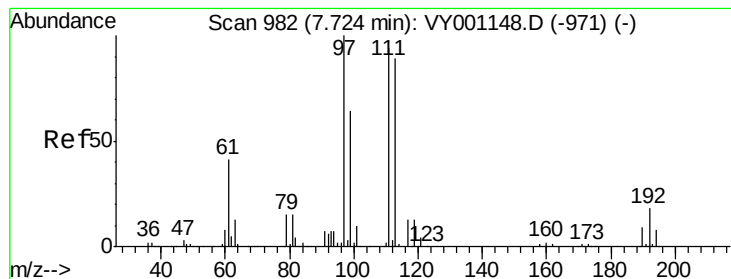
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.2	0.0	32.4





#35

Dibromofluoromethane

Concen: 46.154 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tot Ion:	113	Resp:	72549
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	19.1	15.4	23.2

Instrument :

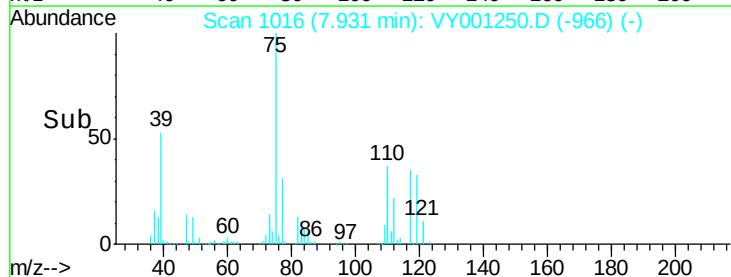
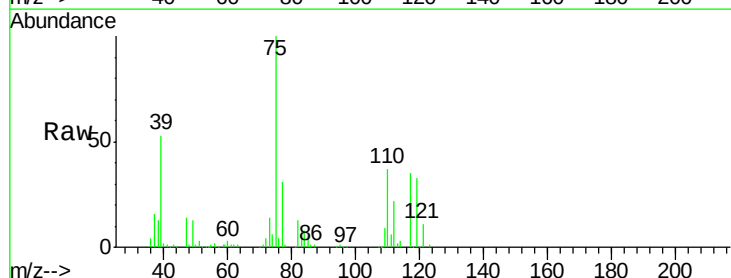
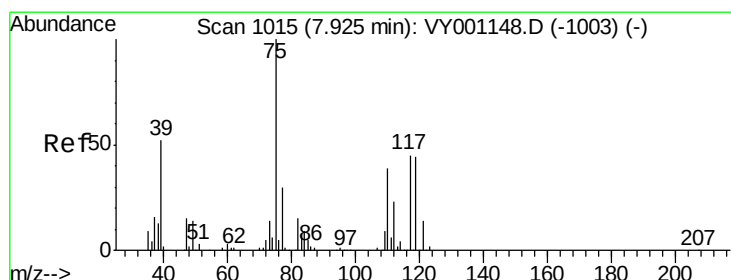
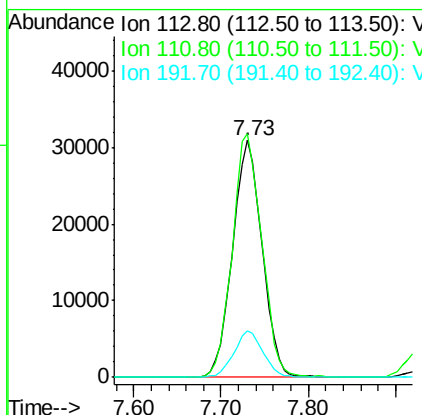
MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

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#36

1,1-Dichloropropene

Concen: 52.423 ug/l

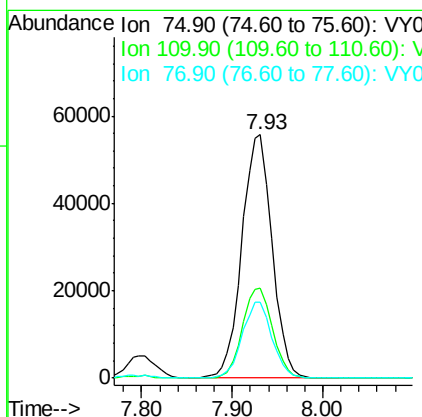
RT: 7.93 min Scan# 1016

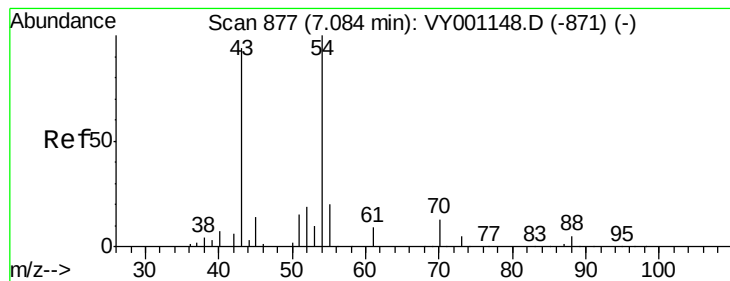
Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion:	75	Resp:	128276
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.3	54.8
77	30.9	25.1	37.7





#37

Ethyl Acetate

Concen: 45.065 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

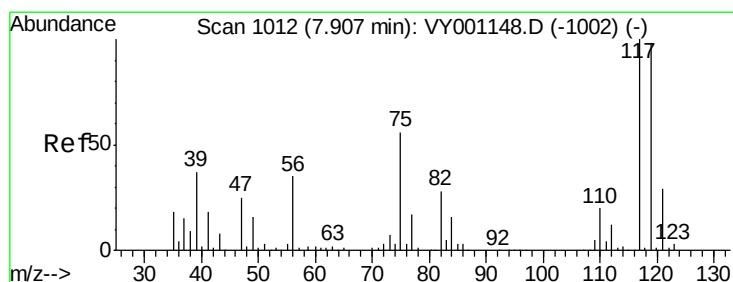
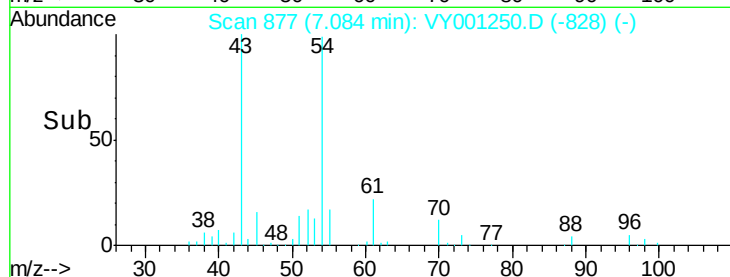
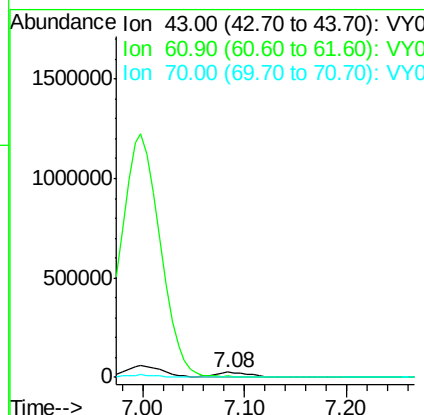
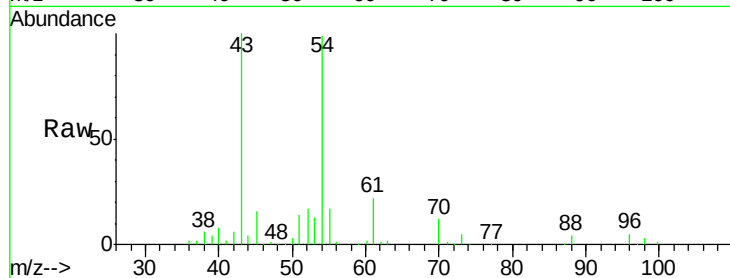
ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:	43	Resp:	64716
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.1	16.7#
70	11.1	9.7	14.5

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#38

Carbon Tetrachloride

Concen: 52.889 ug/l

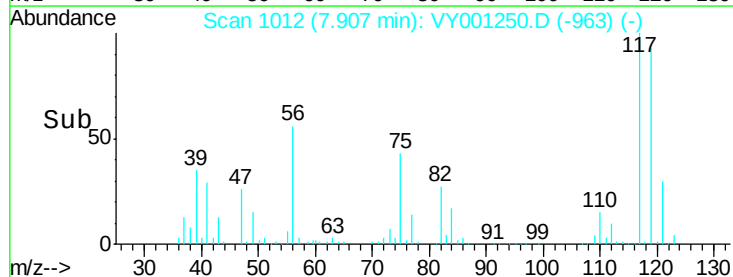
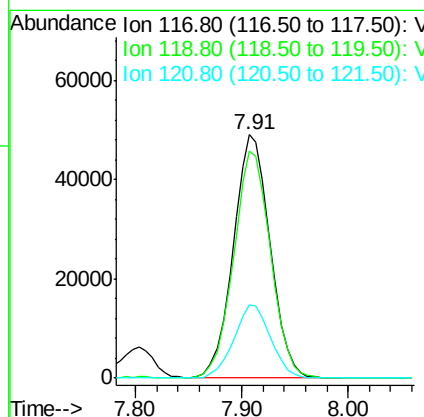
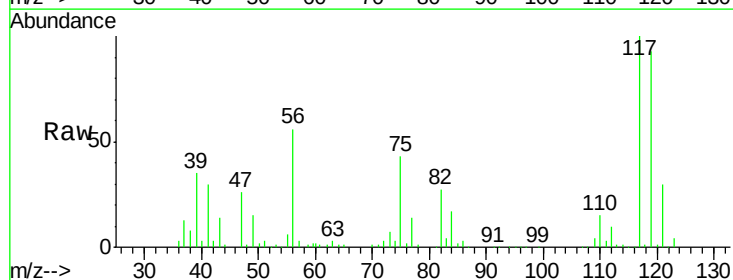
RT: 7.91 min Scan# 1012

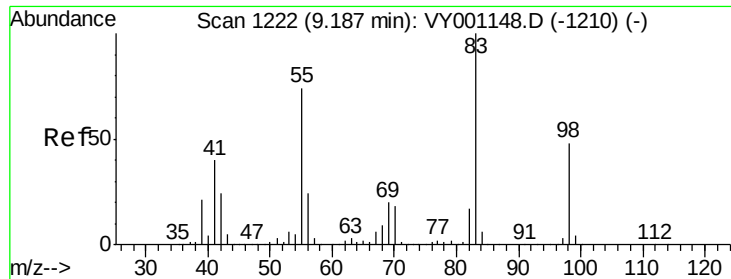
Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion:	117	Resp:	118604
Ion Ratio	Lower	Upper	
117	100		
119	93.4	78.3	117.5
121	30.4	23.5	35.3





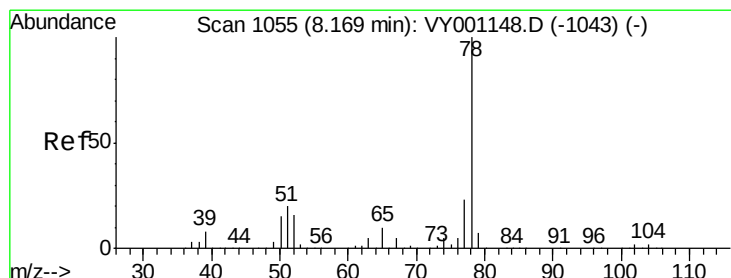
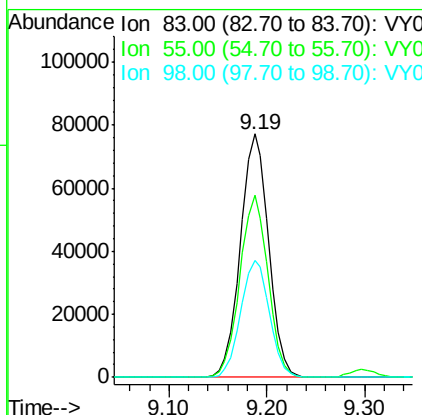
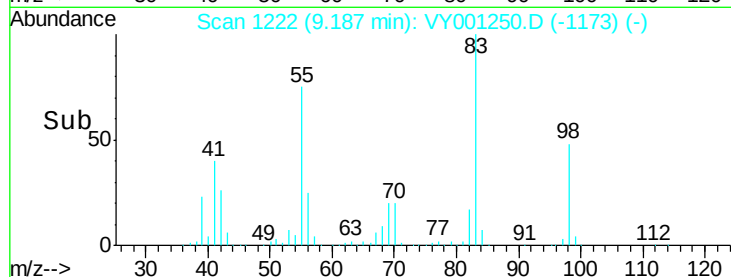
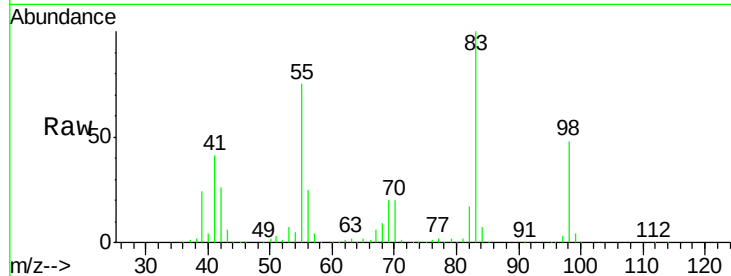
#39
Methylvlcyclohexane
Concen: 46.466 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	83	Resp	154147
Ion Ratio	100	Lower	Upper
83	100		
55	74.7	58.9	88.3
98	48.1	38.4	57.6

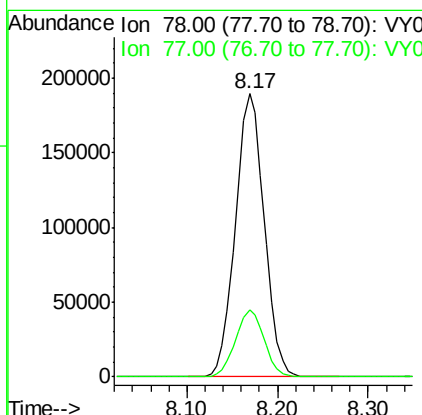
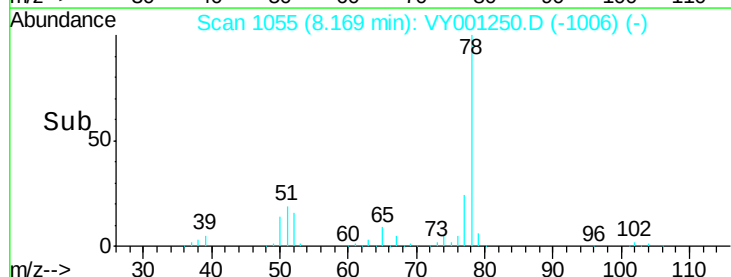
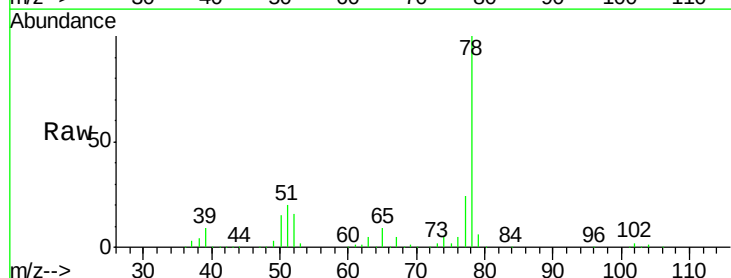
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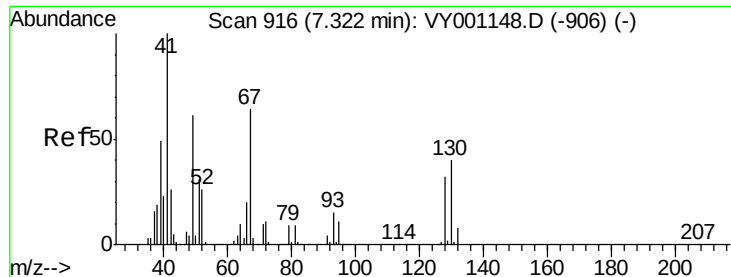
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#40
Benzene
Concen: 58.277 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	78	Resp	416263
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 58.673 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 41 Resp: 39579

Ion Ratio Lower Upper

41 100

39 0.0 103.5 155.3#

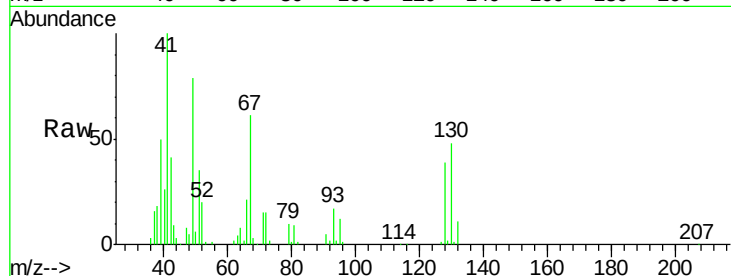
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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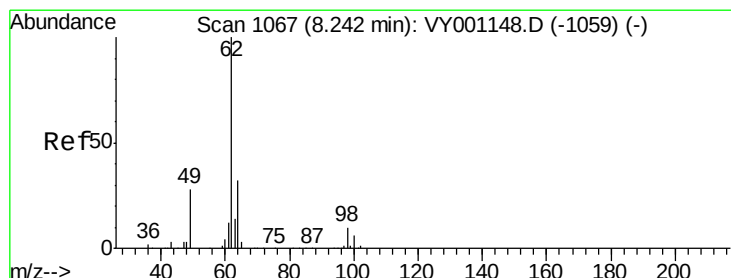
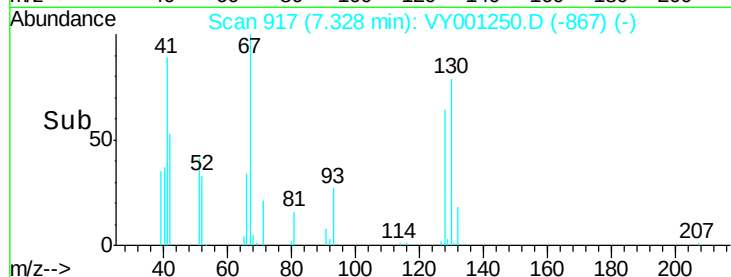
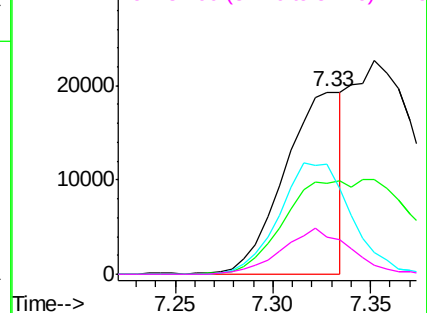


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 55.096 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY001250.D

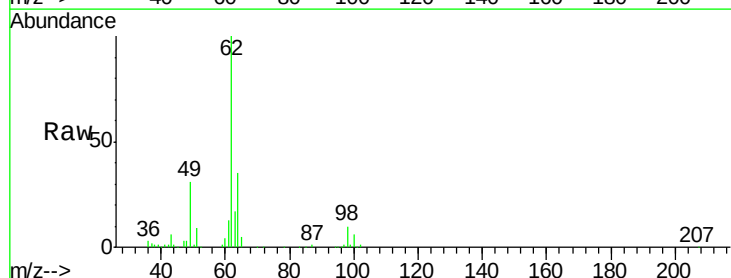
Acq: 16 Jan 2020 04:08

Tgt Ion: 62 Resp: 110195

Ion Ratio Lower Upper

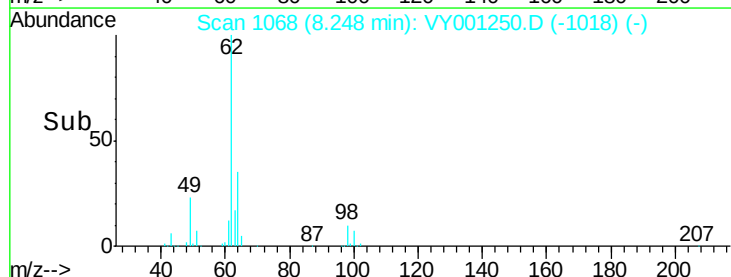
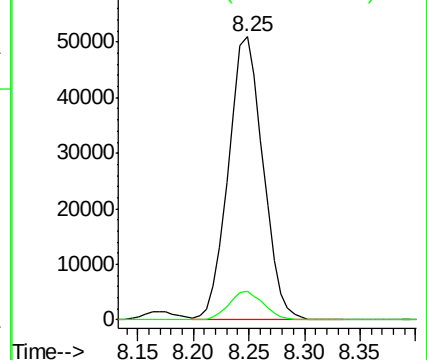
62 100

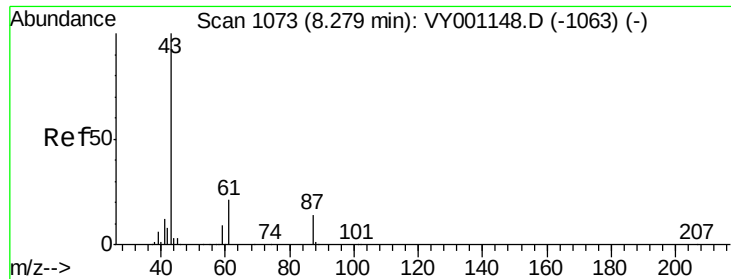
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





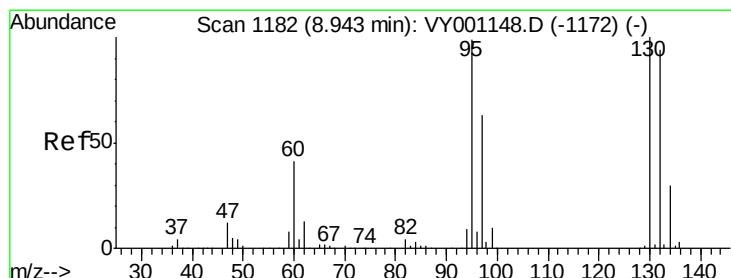
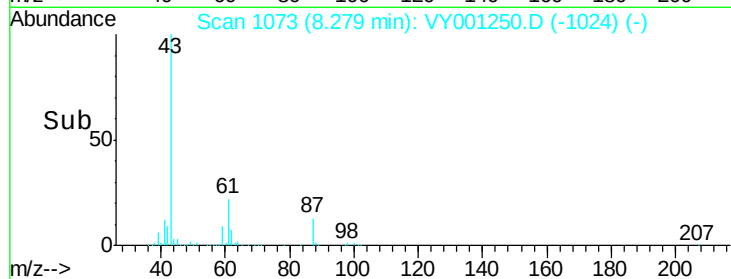
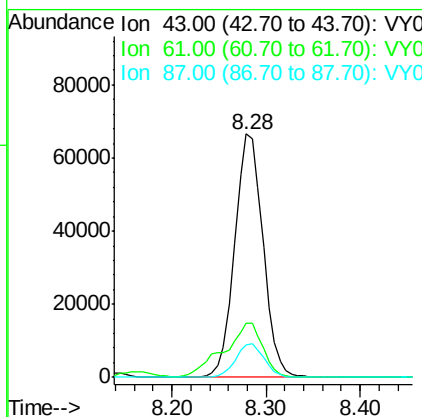
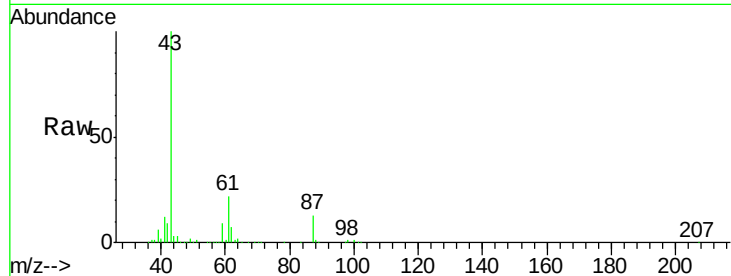
#43
Isopropyl Acetate
Concen: 50.935 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.9	35.9
87	13.5	11.4	17.2

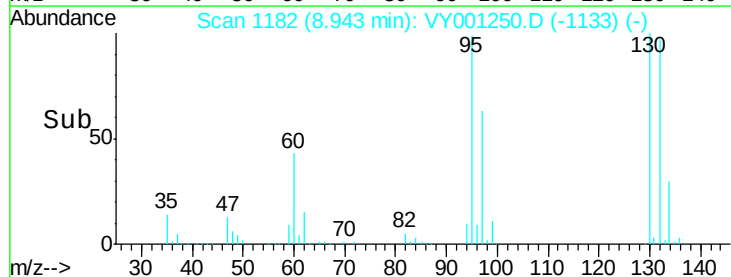
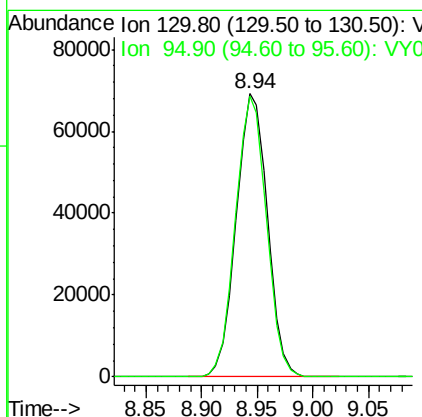
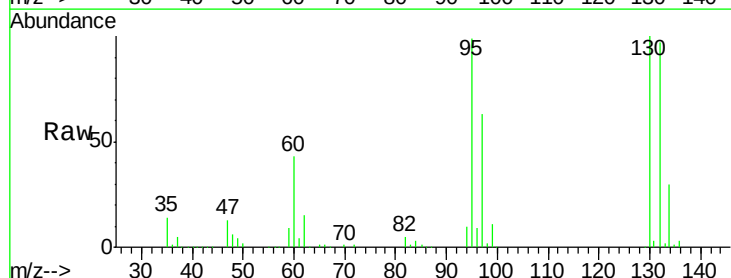
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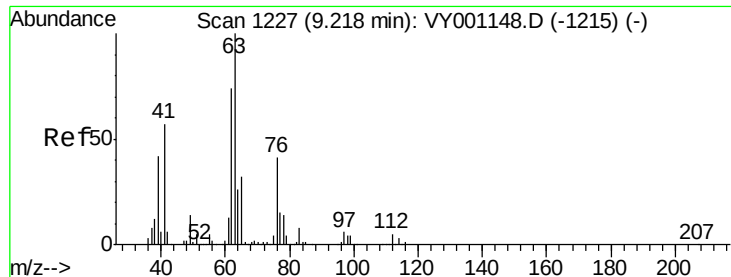
MMDadoda
1/16/2020 9:36:59 AM



#44
Trichloroethene
Concen: 72.165 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	197.6





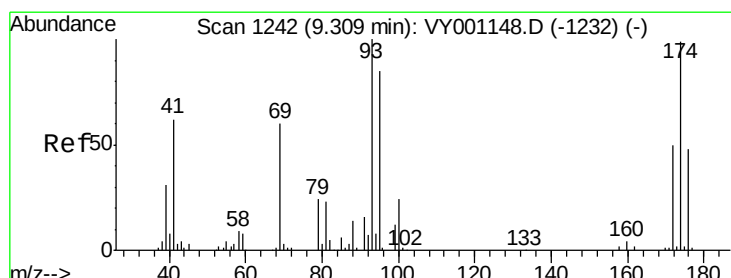
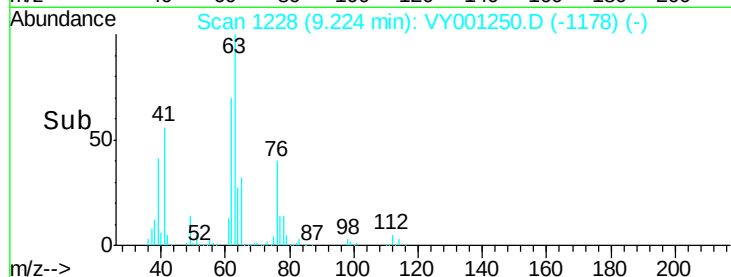
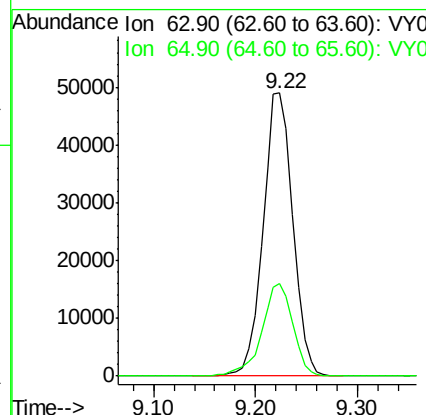
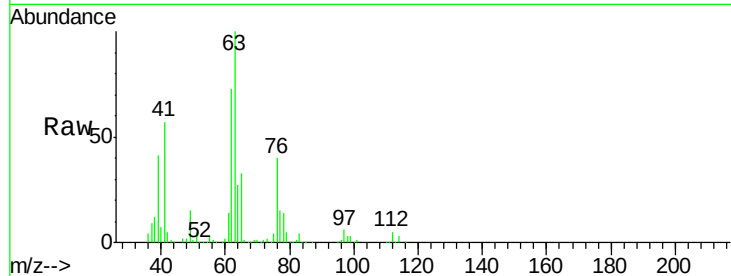
#45
 1,2-Dichloropropane
 Concen: 56.083 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion: 63 Resp: 99034
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.8 38.8

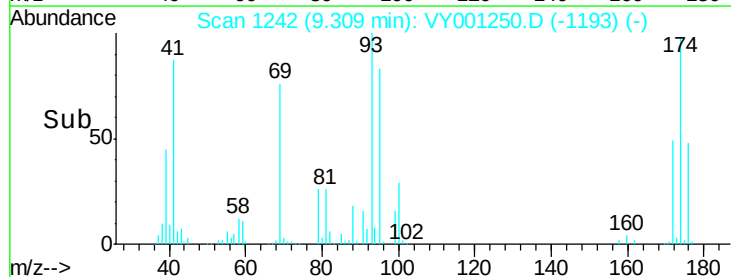
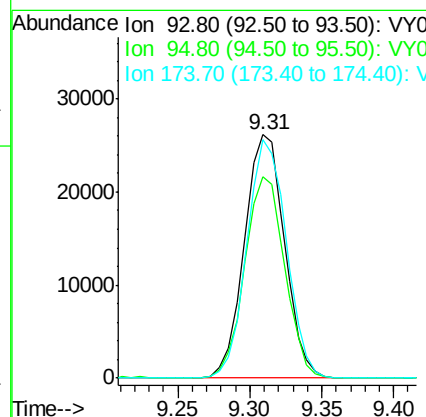
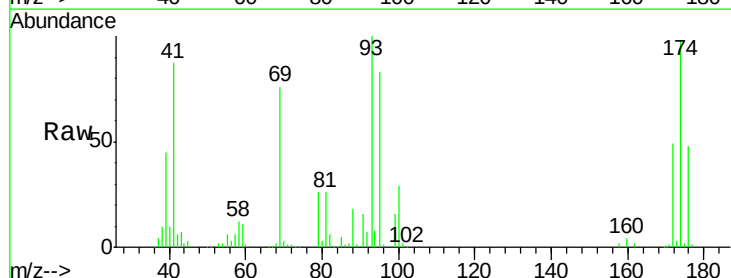
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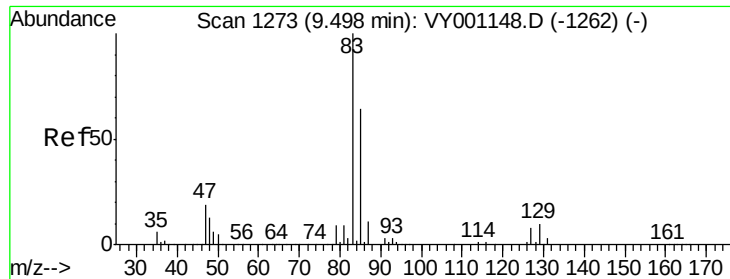
MMDadoda
 1/16/2020 9:36:59 AM



#46
 Dibromomethane
 Concen: 52.346 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 93 Resp: 50434
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 96.2 78.4 117.6





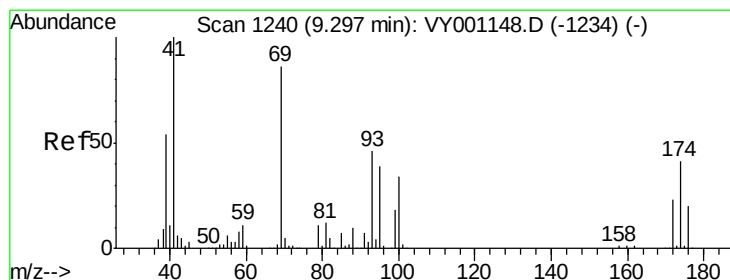
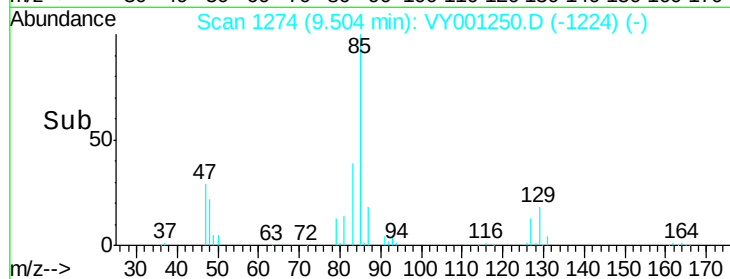
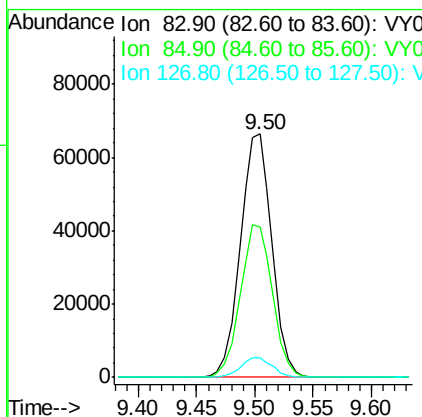
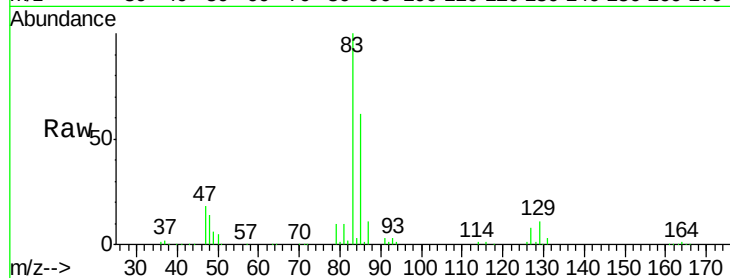
#47
Bromodichloromethane
Concen: 53.170 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	124847		
85	61.7	51.5	77.3	
127	8.1	6.3	9.5	

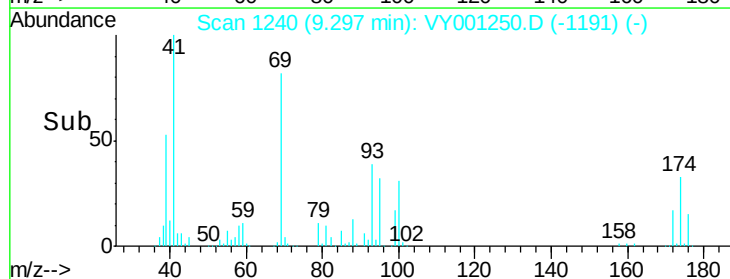
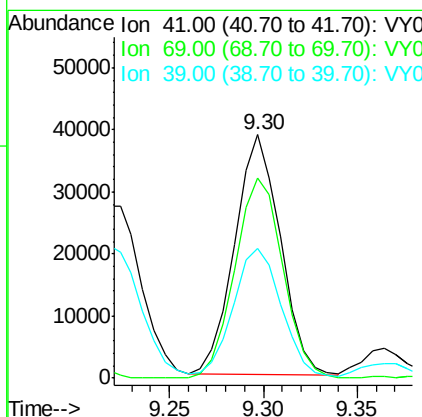
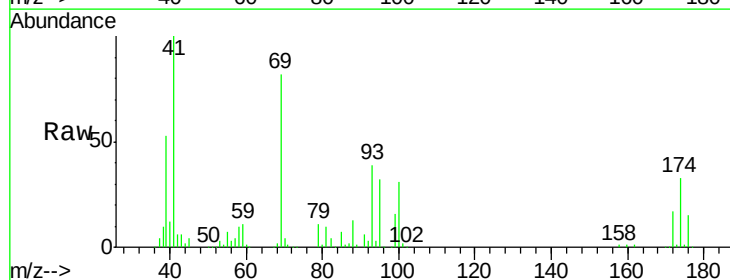
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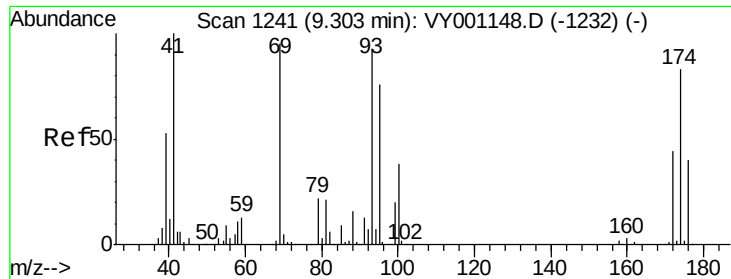
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#48
Methyl methacrylate
Concen: 50.986 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	64790		
69	87.5	69.8	104.8	
39	57.6	45.2	67.8	





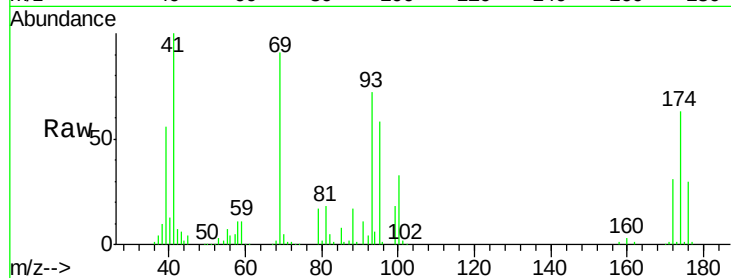
#49
 1,4-Dioxane
 Concen: 1086.807 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

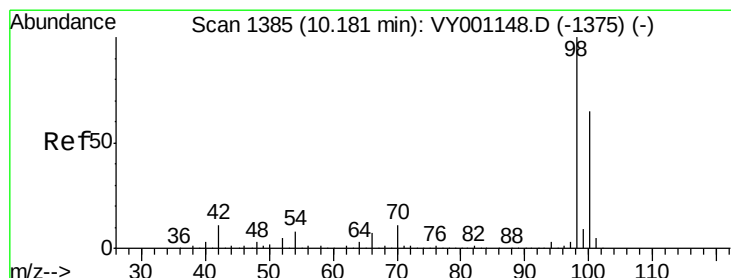
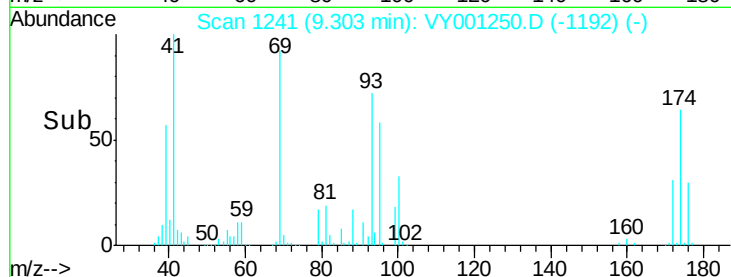
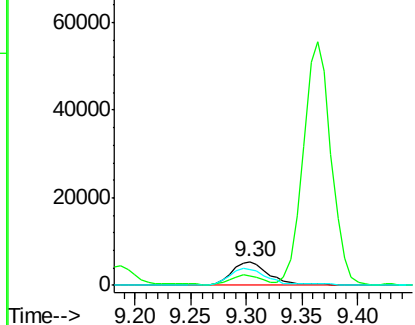
Tot Ion	88	Resp	12752
Ion	Ratio	Lower	Upper
88	100		
43	32.3	22.4	33.6
58	77.5	58.0	87.0

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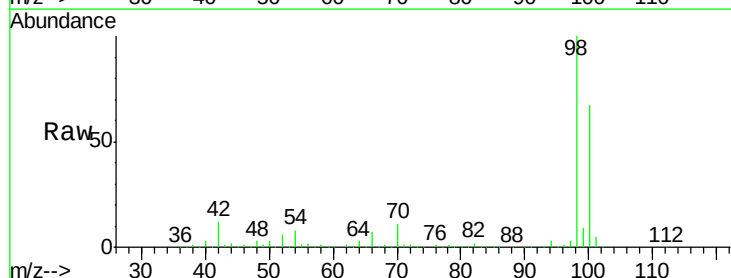


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

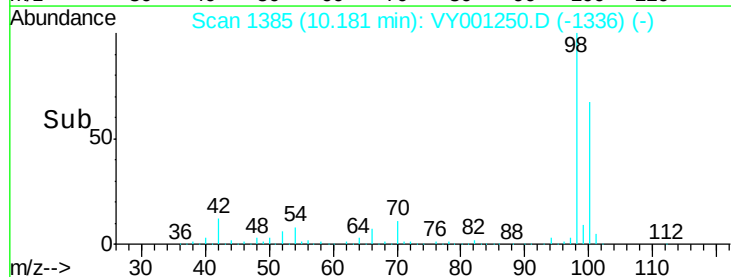
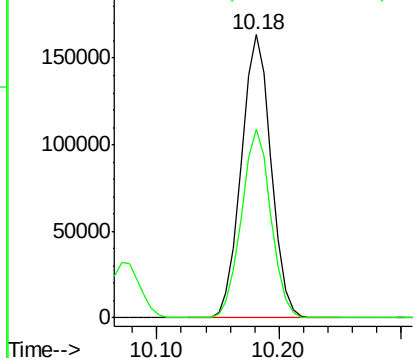


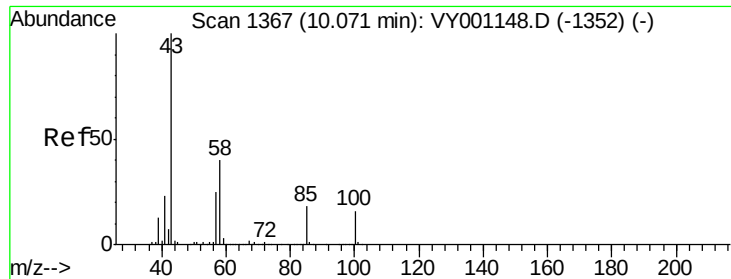
#50
 Toluene-d8
 Concen: 45.425 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion	98	Resp	275127
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 246.780 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 43 Resp: 343854

Ion Ratio Lower Upper

43 100

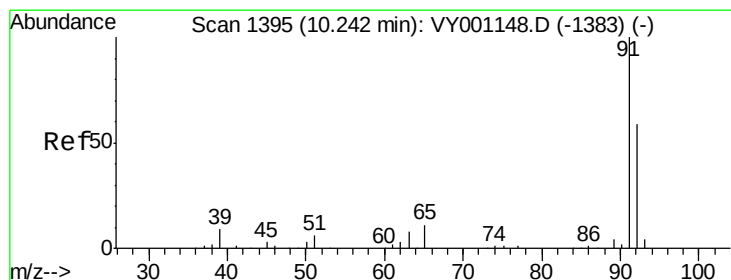
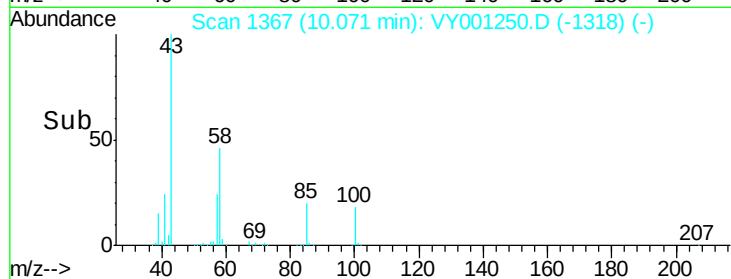
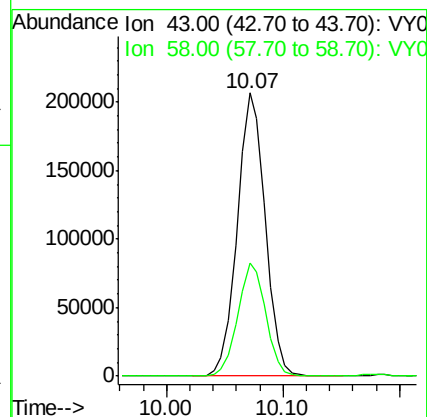
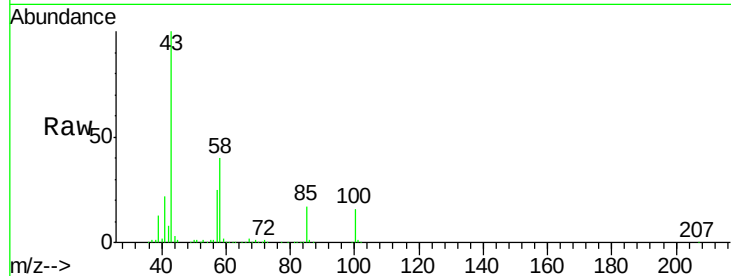
58 40.0 32.3 48.5

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#52

Toluene

Concen: 53.595 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY001250.D

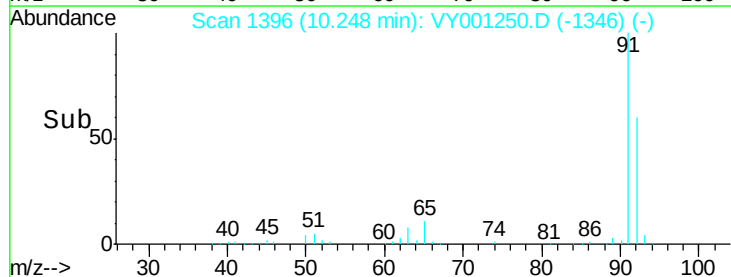
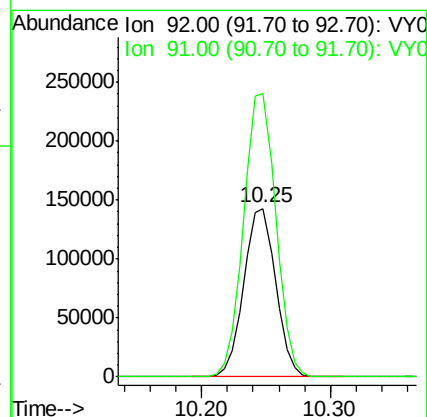
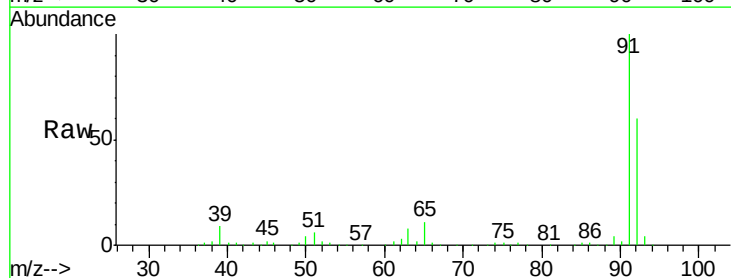
Acq: 16 Jan 2020 04:08

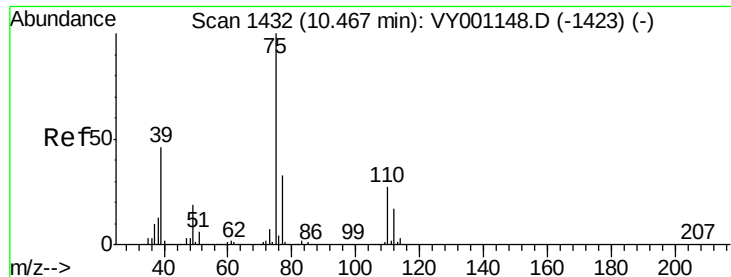
Tgt Ion: 92 Resp: 244163

Ion Ratio Lower Upper

92 100

91 170.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 45.545 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 75 Resp: 119670

Ion Ratio Lower Upper

75 100

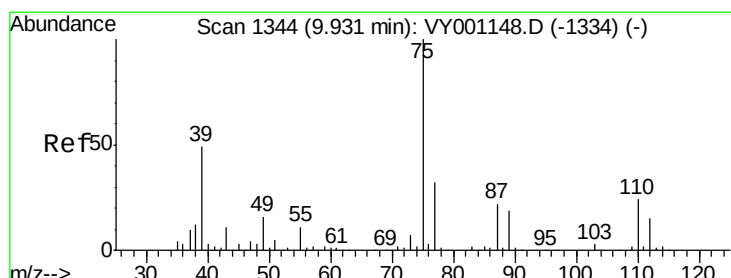
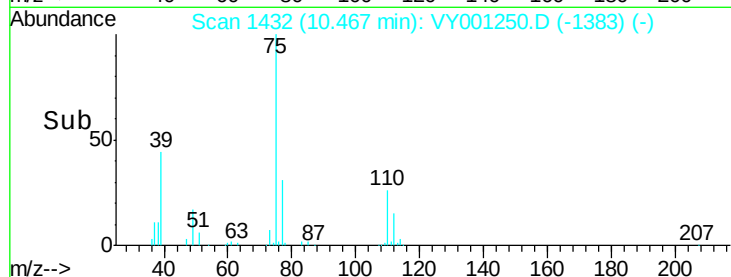
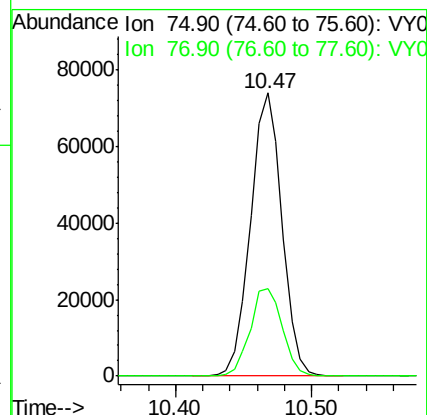
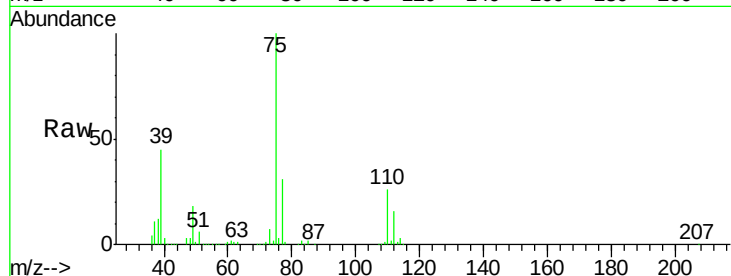
77 30.9 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 49.124 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

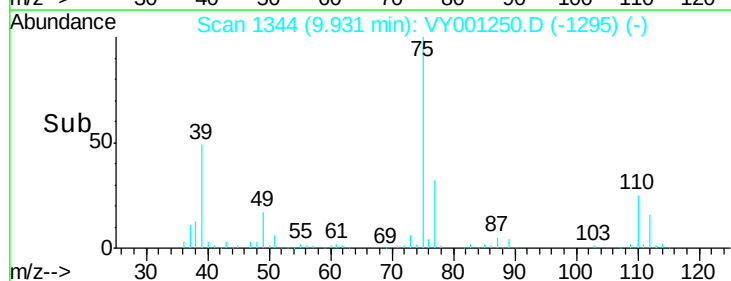
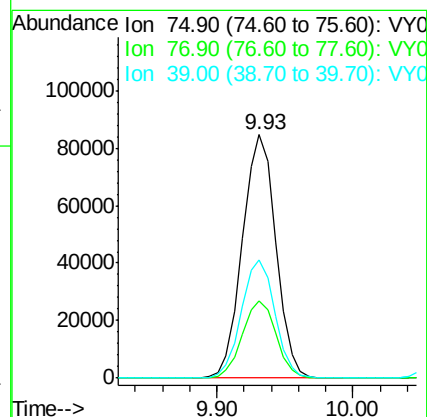
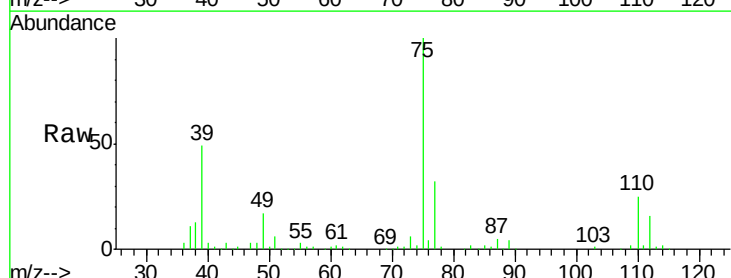
Tgt Ion: 75 Resp: 145527

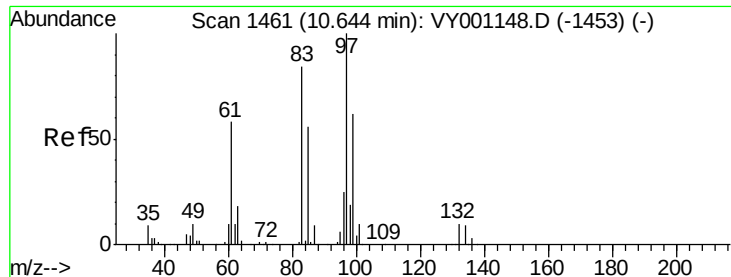
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 48.6 39.1 58.7





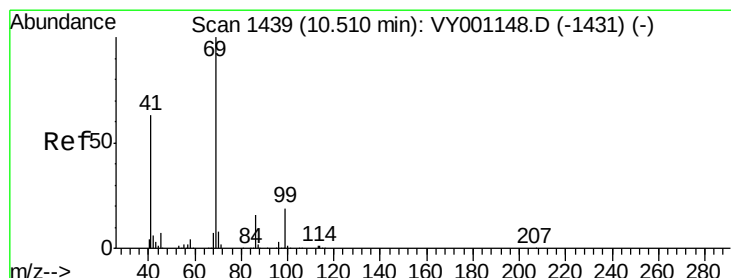
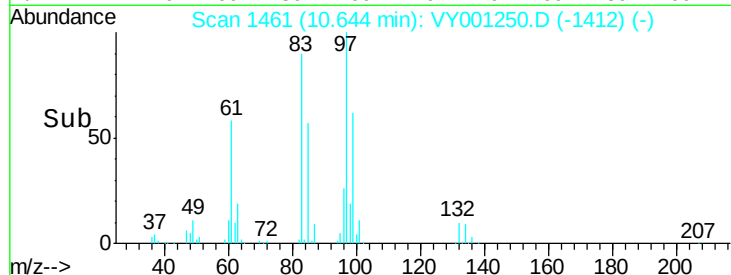
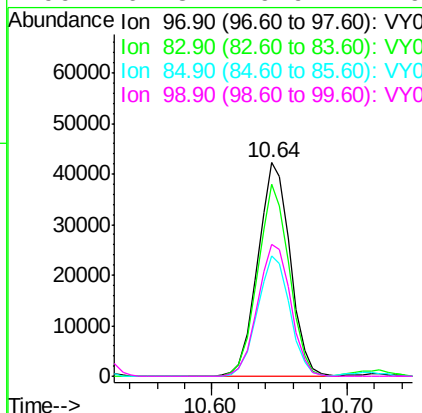
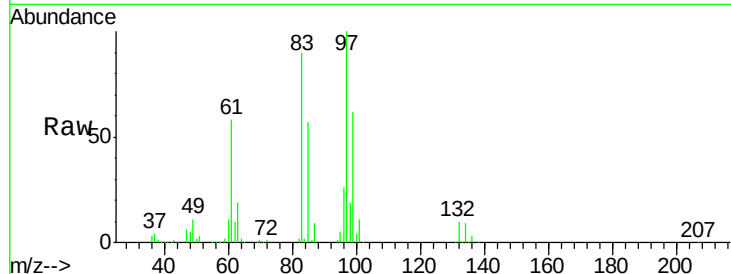
#55
 1,1,2-Trichloroethane
 Concen: 49.442 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion:	97	Resp:	70621
Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.2	100.8
85	56.5	44.9	67.3
99	61.8	49.9	74.9

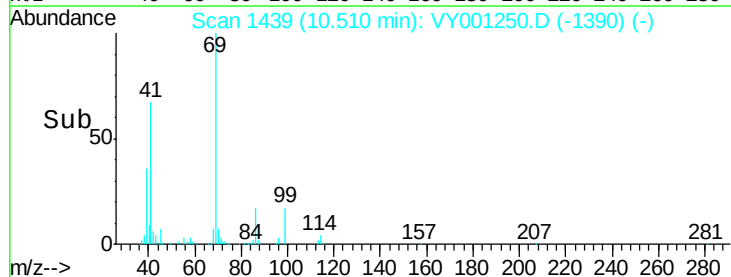
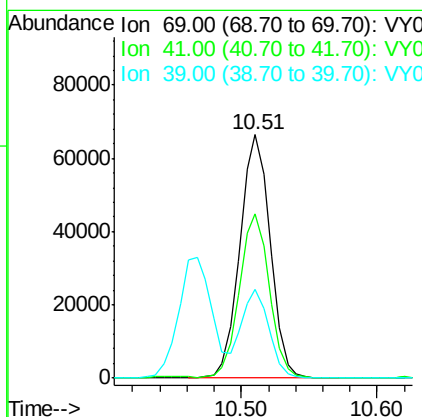
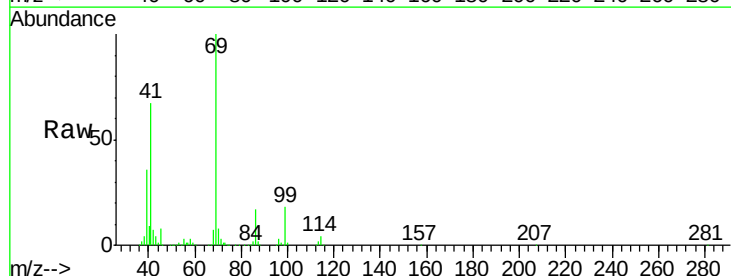
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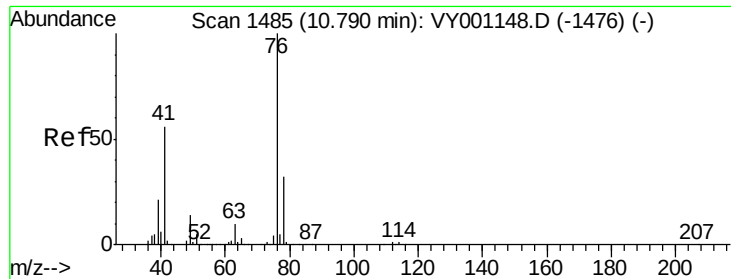
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#56
 Ethyl methacrylate
 Concen: 47.358 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion:	69	Resp:	103473
Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.4	77.2
39	32.6	26.3	39.5





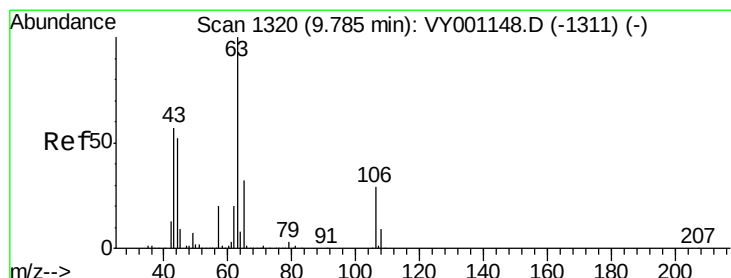
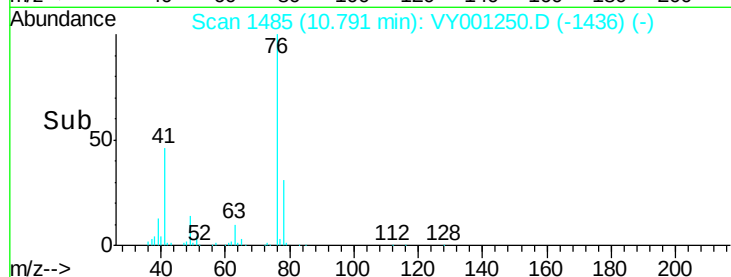
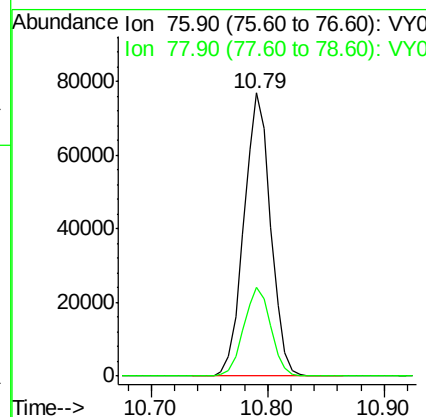
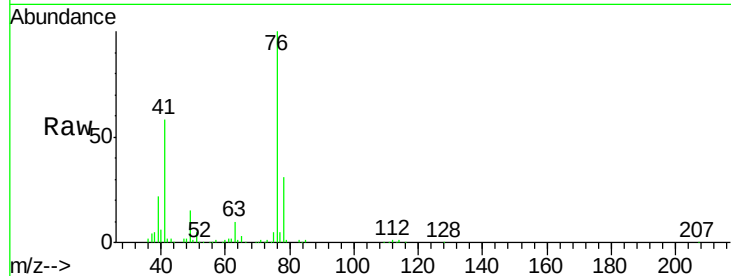
#57
 1,3-Dichloropropane
 Concen: 49.968 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

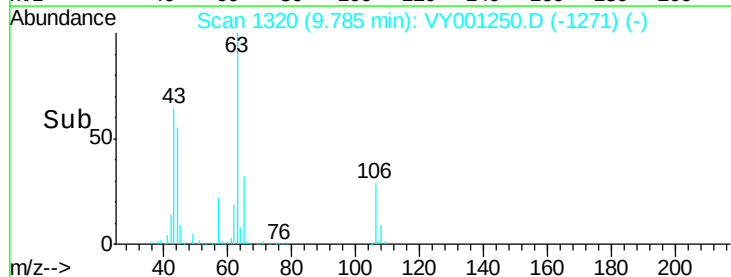
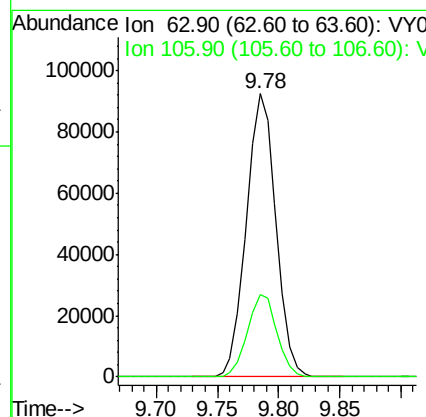
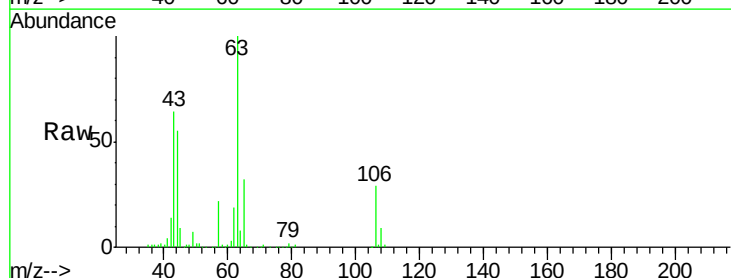
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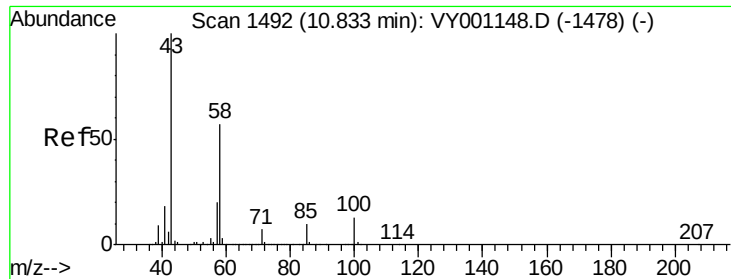
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#58
 2-Chloroethyl Vinyl ether
 Concen: 201.753 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.0	34.6





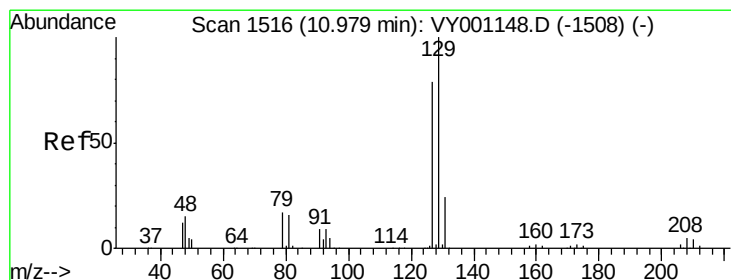
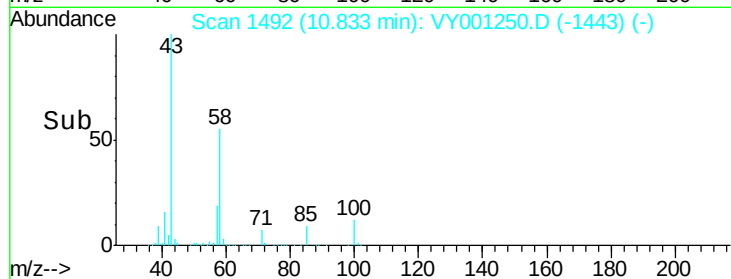
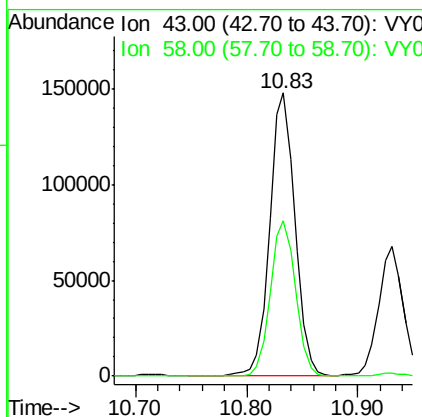
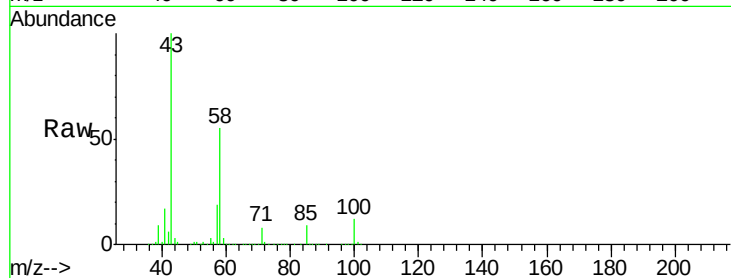
#59
2-Hexanone
Concen: 238.968 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	43	Resp	233356
Ion Ratio	43	100	
Lower	58	54.6	28.4
Upper			85.2

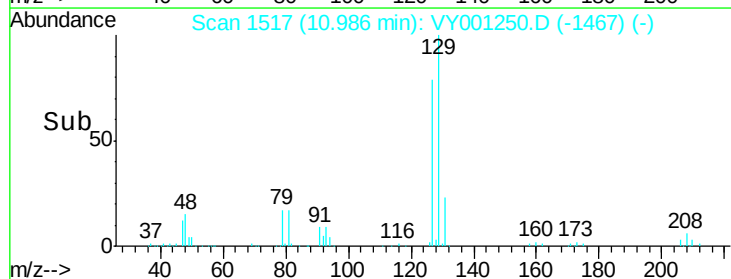
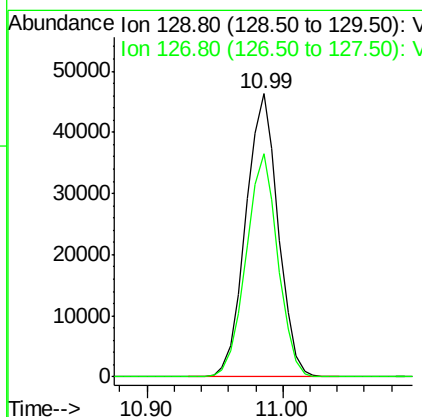
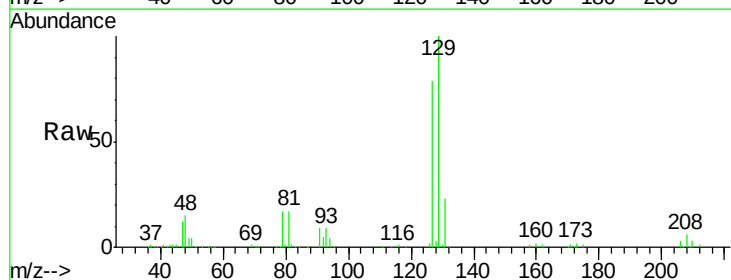
Manual Integrations
APPROVED

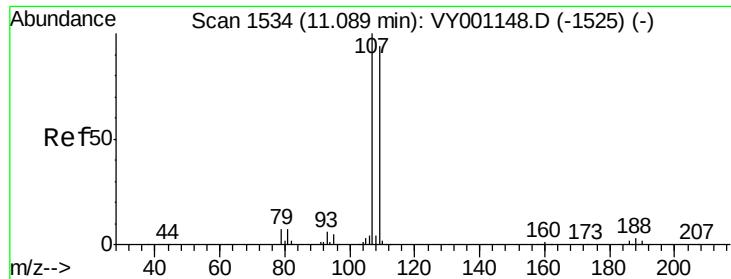
MMDadoda
1/16/2020 9:36:59 AM



#60
Dibromochloromethane
Concen: 46.874 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	129	Resp	77087
Ion Ratio	129	100	
Lower	127	77.3	38.9
Upper			116.7





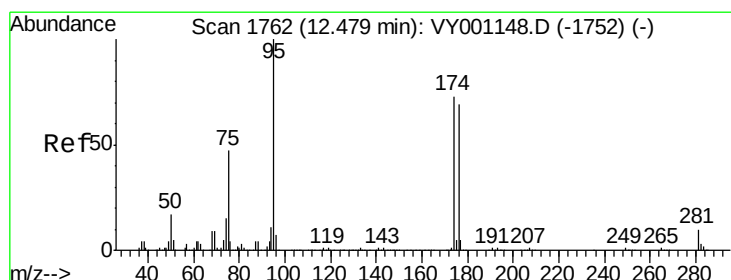
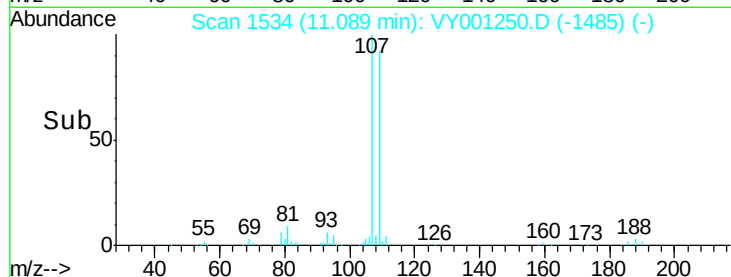
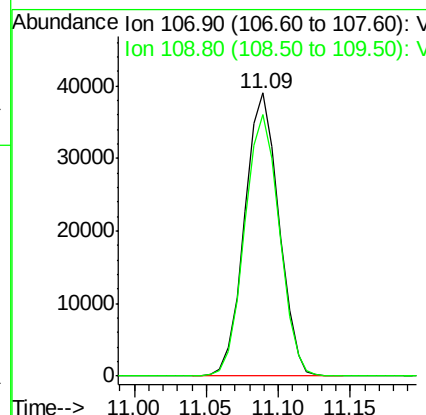
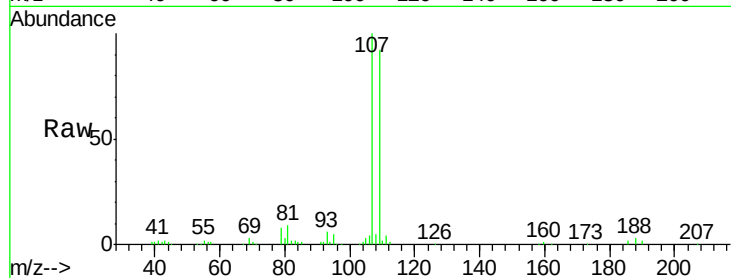
#61
 1,2-Dibromoethane
 Concen: 46.060 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion: 107 Resp: 64240
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0

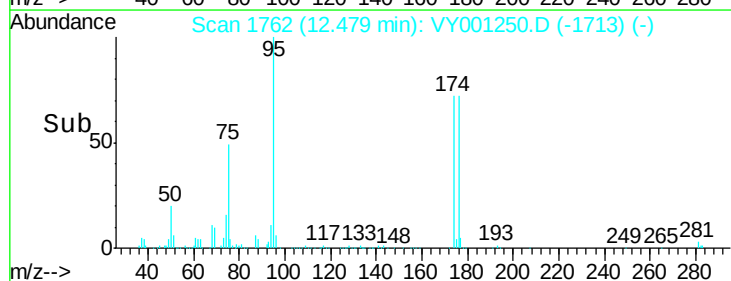
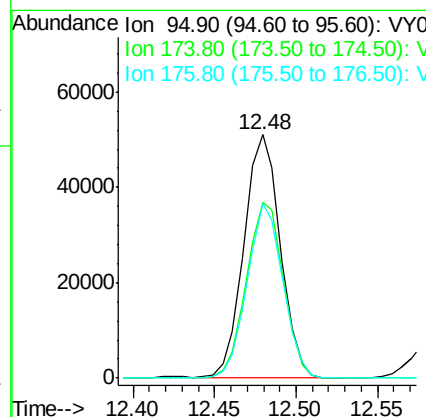
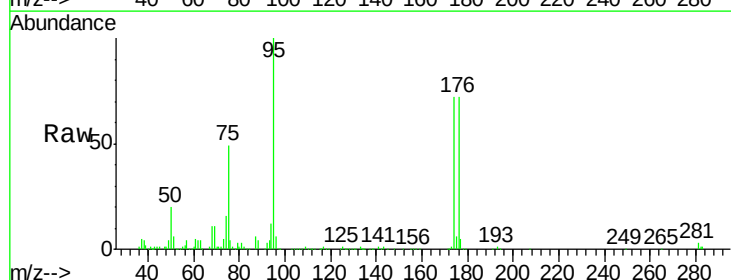
Manual Integrations
 APPROVED

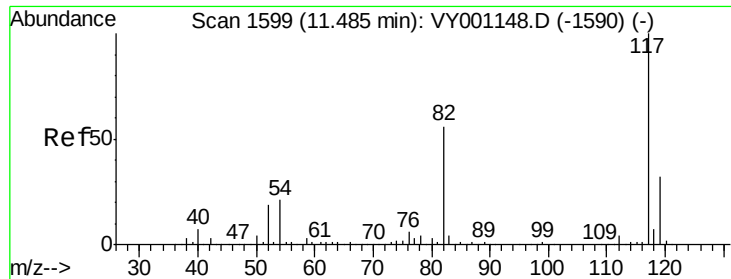
MMDadoda
 1/16/2020 9:36:59 AM



#62
 4-Bromofluorobenzene
 Concen: 32.021 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion: 95 Resp: 79290
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 143.2
 176 70.7 0.0 136.0





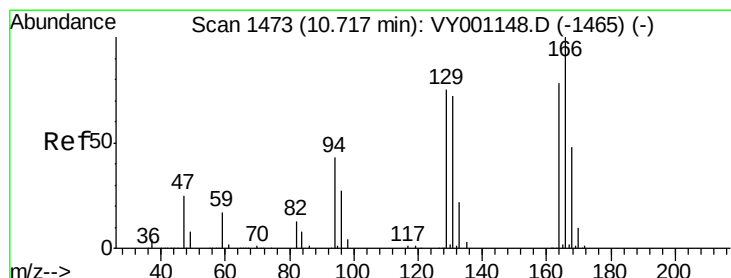
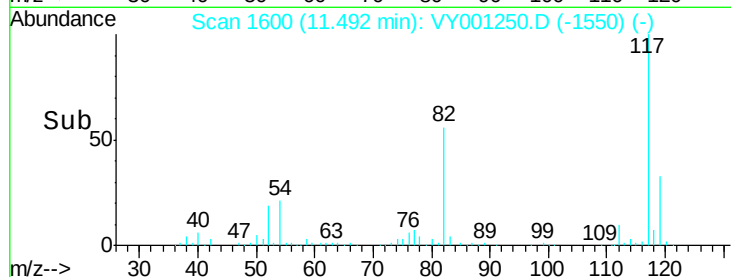
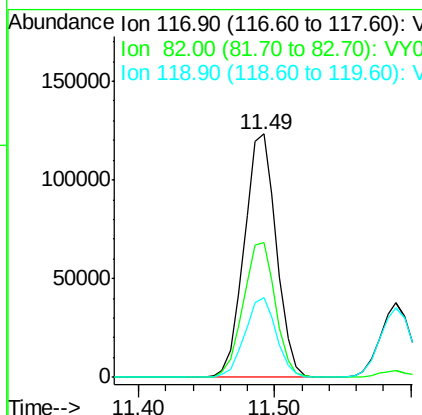
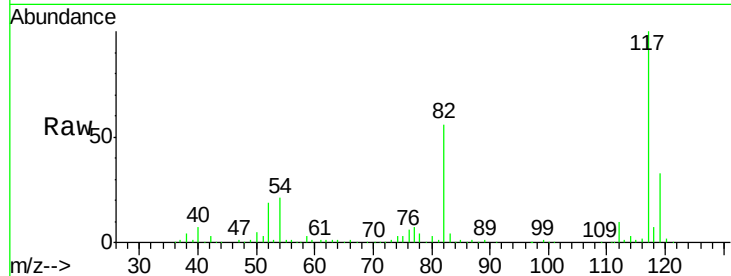
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	202927		
82	55.5	44.9	67.3	
119	32.9	25.7	38.5	

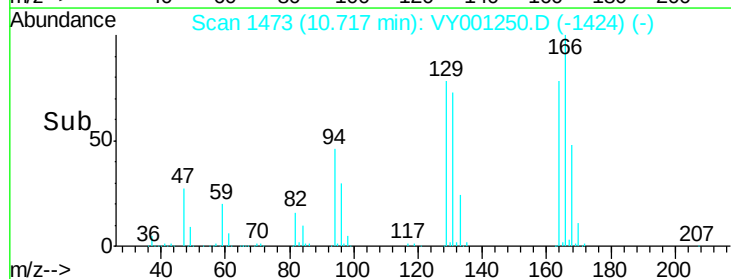
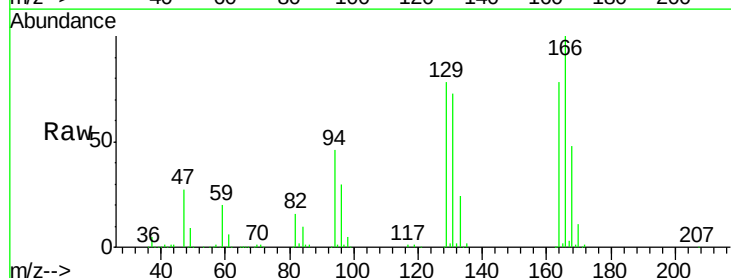
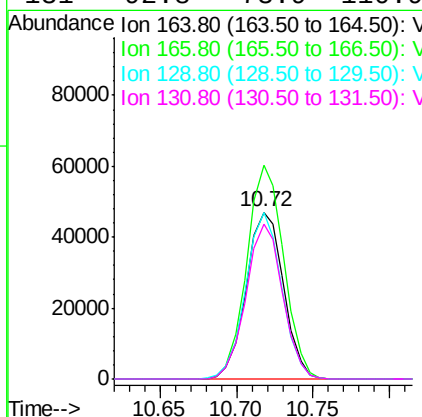
Manual Integrations
APPROVED

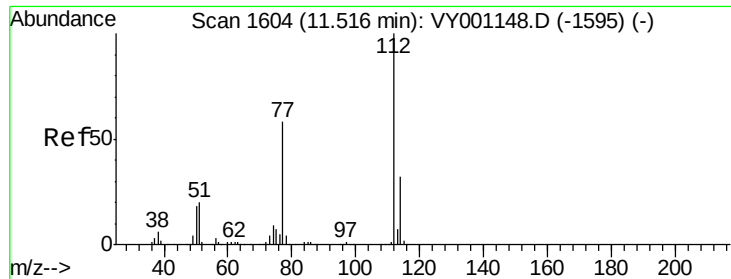
MMDadoda
1/16/2020 9:36:59 AM



#64
Tetrachloroethene
Concen: 60.959 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	79742		
166	128.0	102.3	153.5	
129	99.9	76.2	114.4	
131	92.8	73.9	110.9	





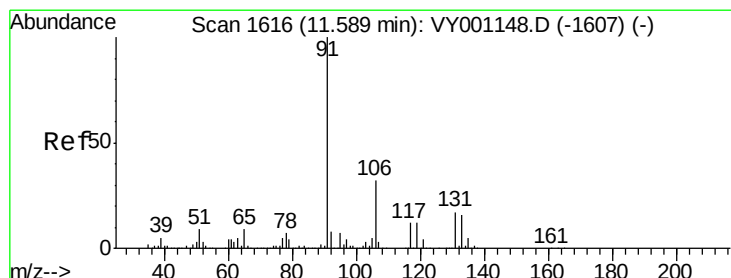
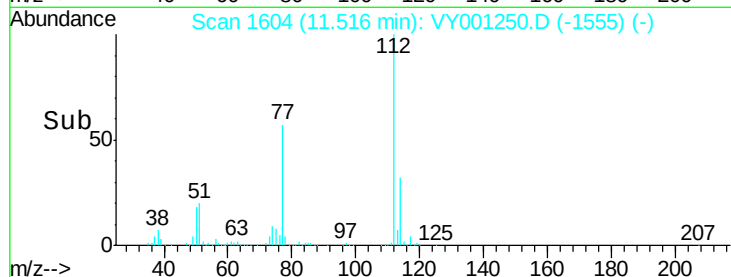
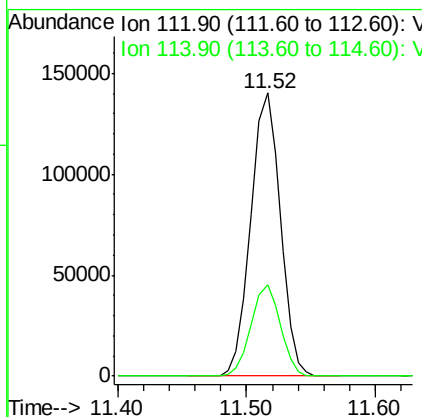
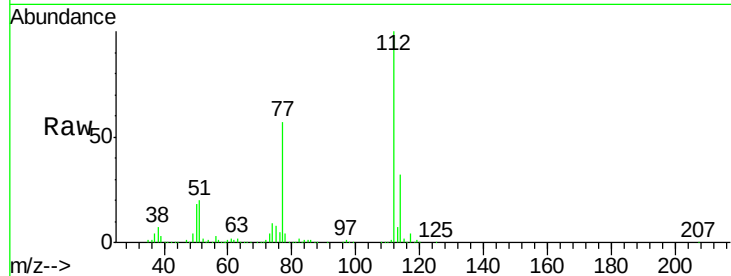
#65
Chlorobenzene
Concen: 54.656 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion:112 Resp: 221620
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

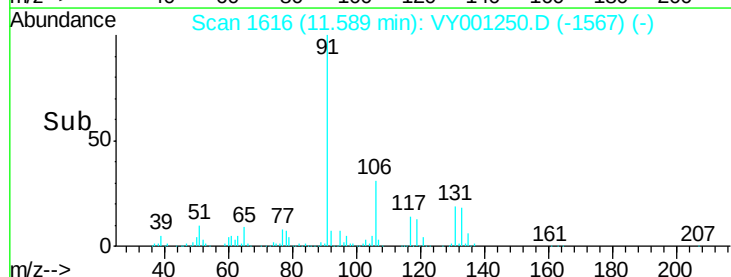
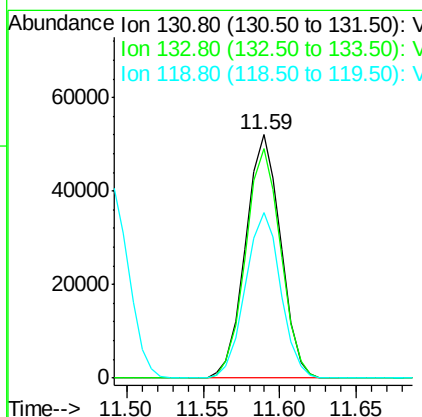
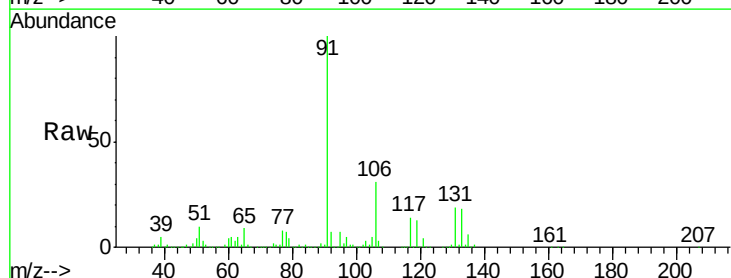
Manual Integrations
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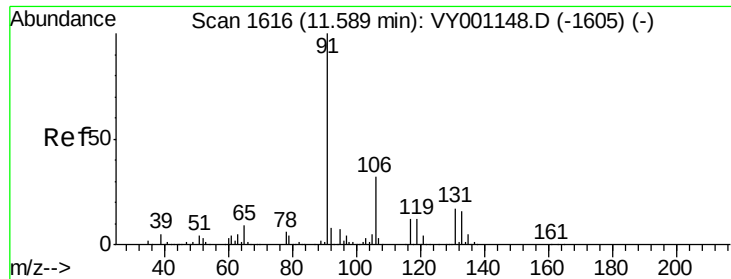
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.569 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion:131 Resp: 83249
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 68.2 33.6 100.8





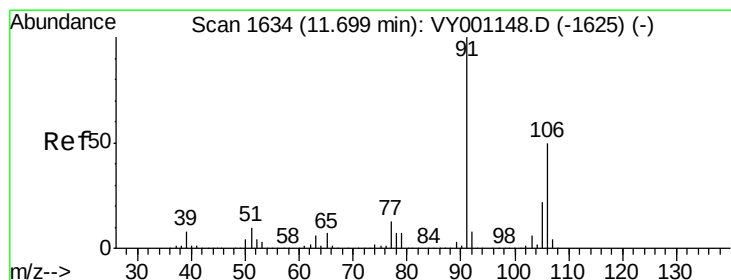
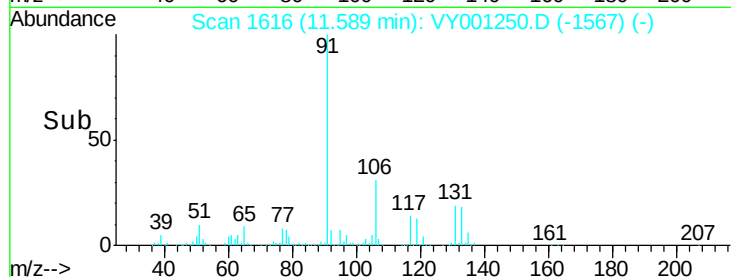
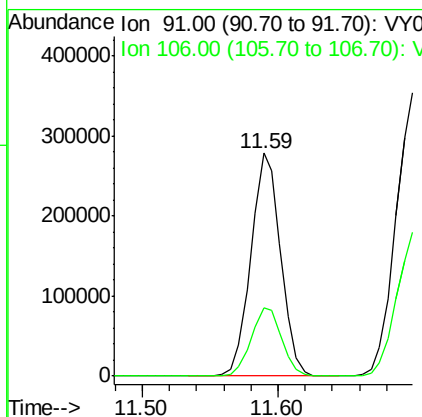
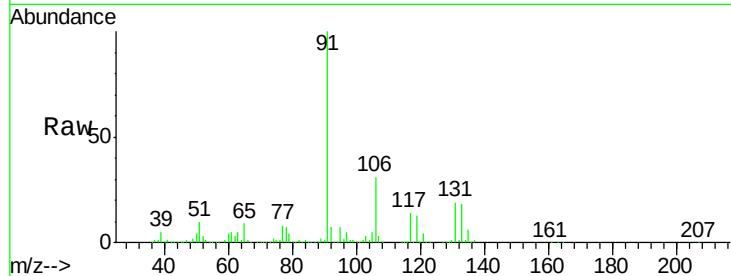
#67
Ethyl Benzene
Concen: 57.505 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion: 91 Resp: 426547
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

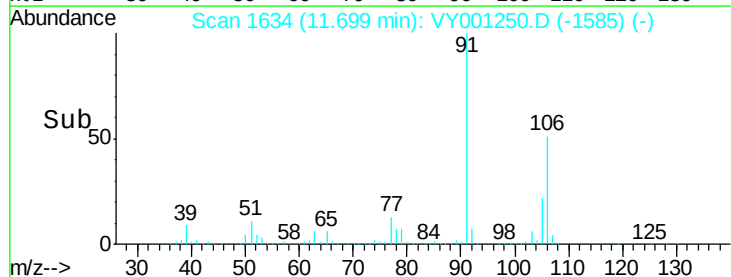
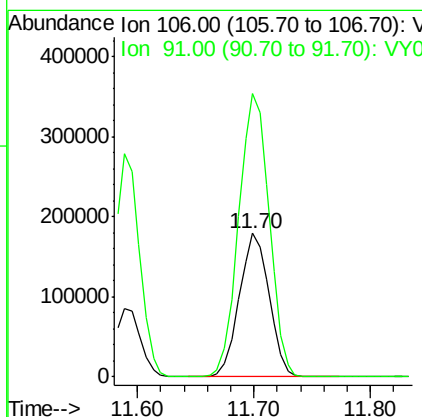
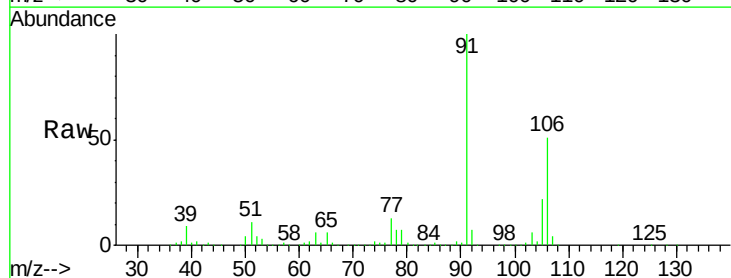
Manual Integrations
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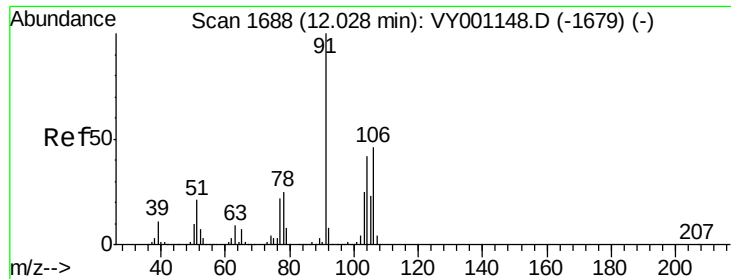
MMDadoda
1/16/2020 9:36:59 AM



#68
m/p-Xylenes
Concen: 114.364 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion: 106 Resp: 320003
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2





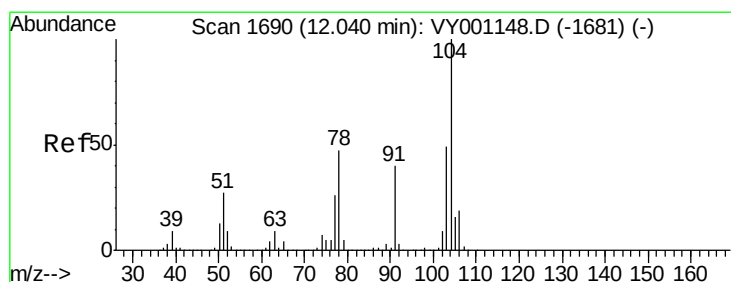
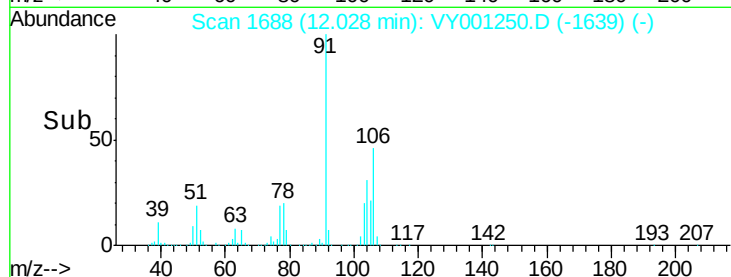
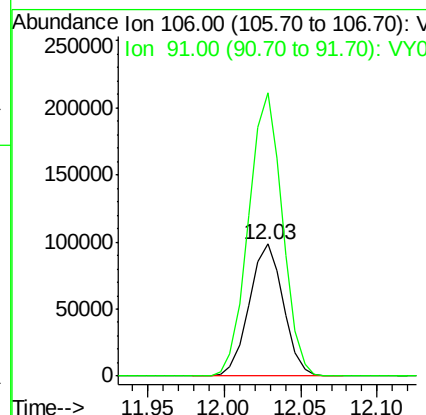
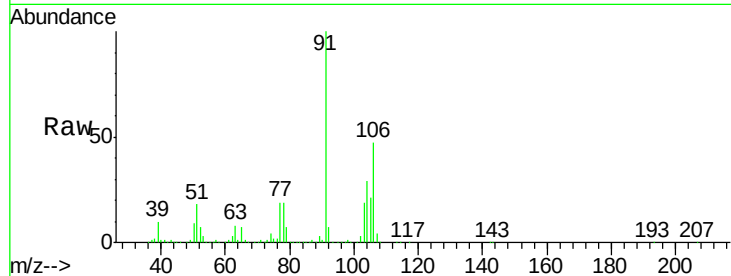
#69
o-Xylene
Concen: 56.909 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		152674		
91	213.1	106.3	318.8		

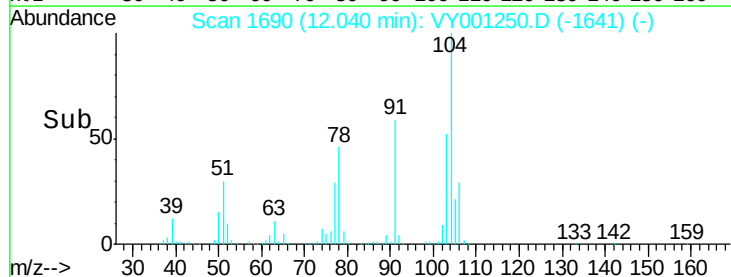
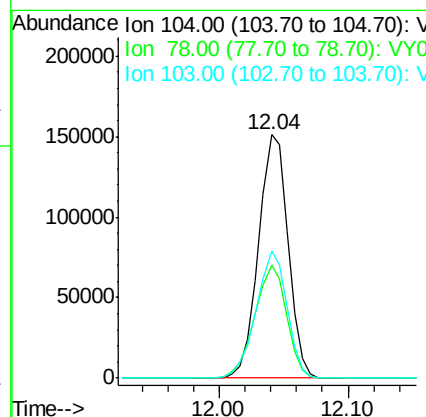
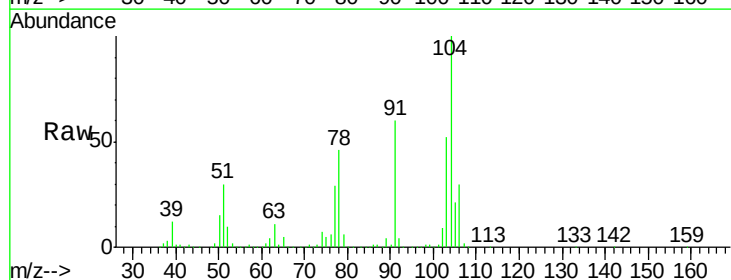
Manual Integrations
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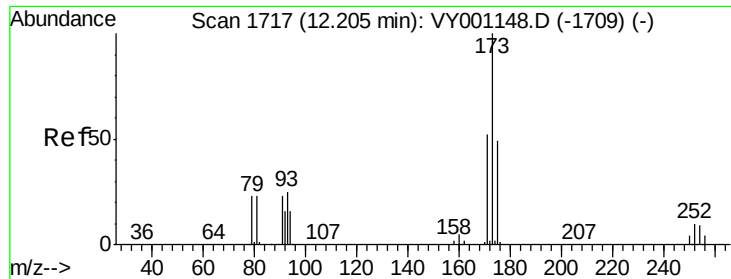
MMDadoda
1/16/2020 9:36:59 AM



#70
Styrene
Concen: 50.719 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		238746		
78	50.0	40.5	60.7		
103	54.6	42.4	63.6		





#71

Bromoform

Concen: 46.722 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

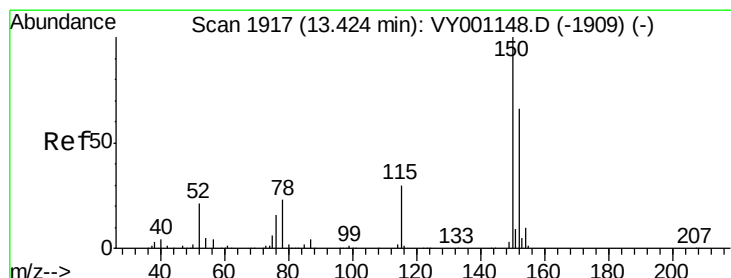
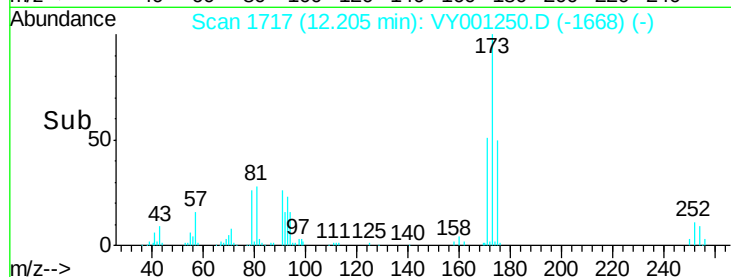
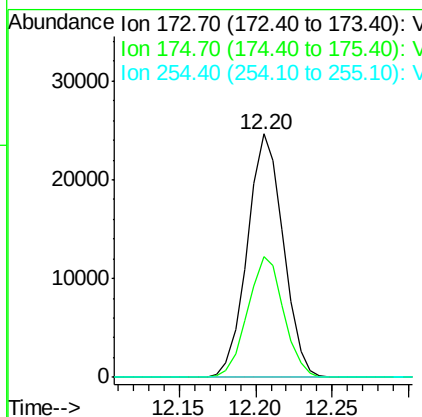
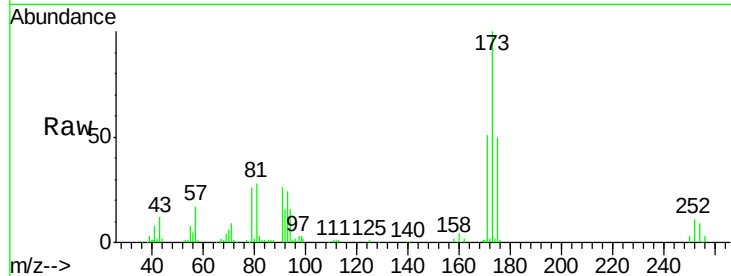
ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.2
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

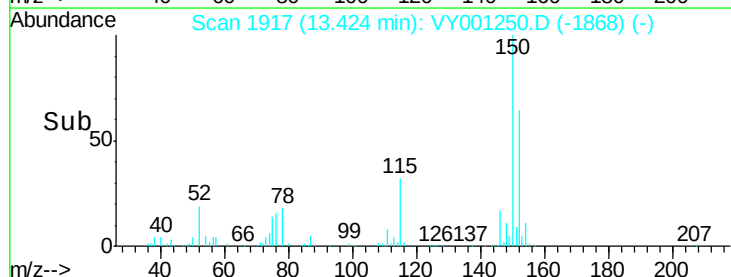
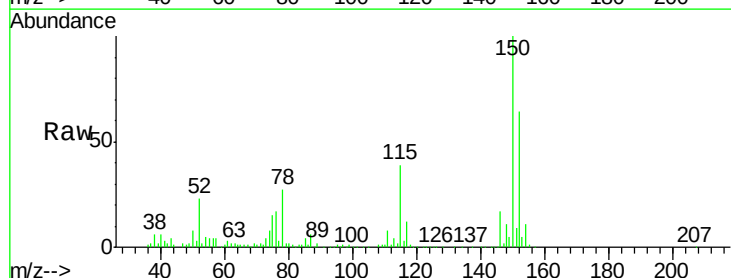
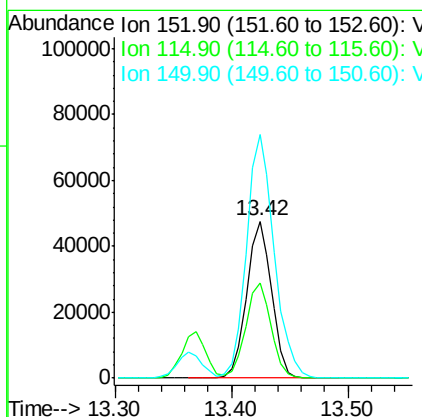
RT: 13.42 min Scan# 1917

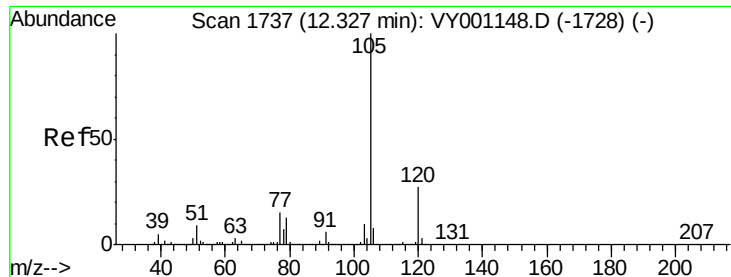
Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.9	92.5
150	172.5	0.0	346.8





#73

Isopropylbenzene

Concen: 73.473 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 105 Resp: 392614

Ion Ratio Lower Upper

105 100

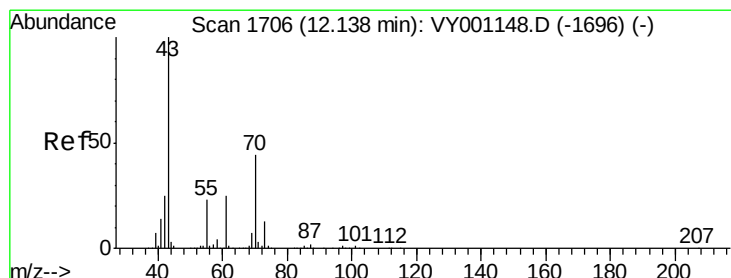
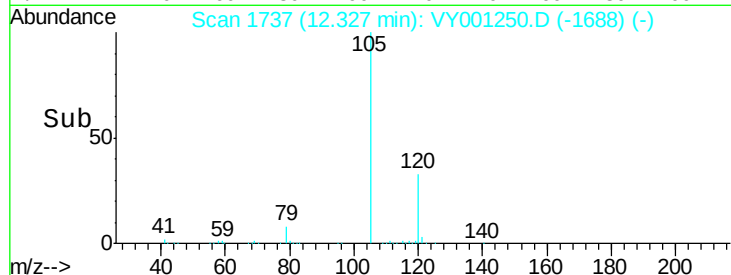
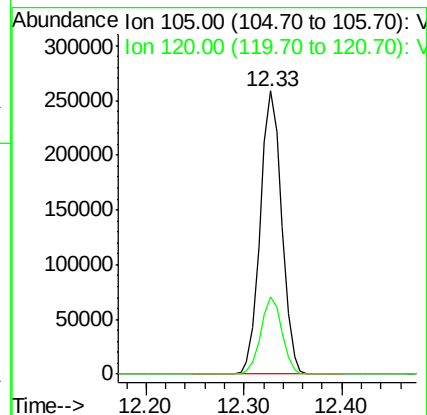
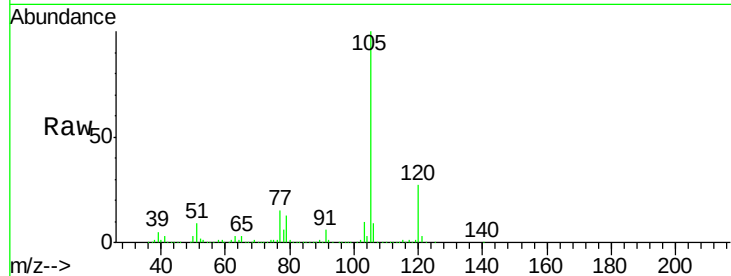
120 26.8 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 64.144 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion: 43 Resp: 106971

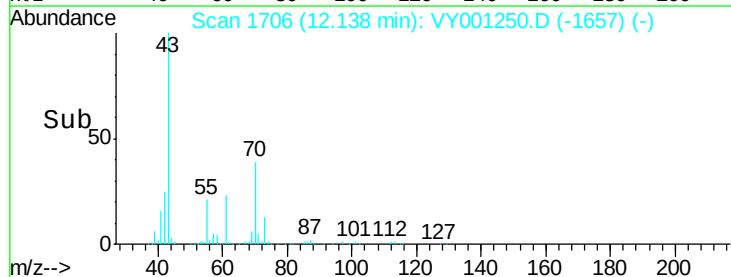
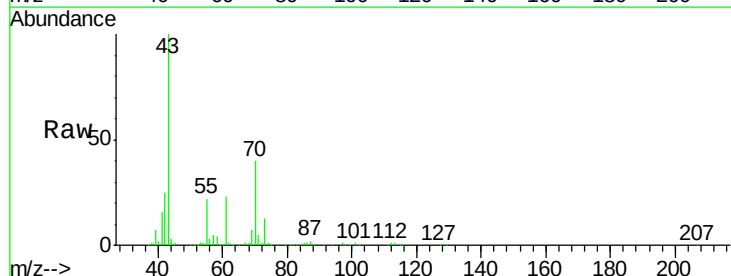
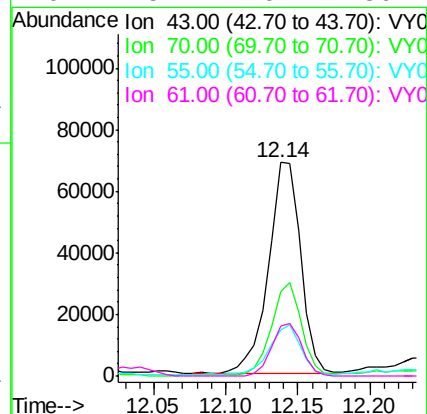
Ion Ratio Lower Upper

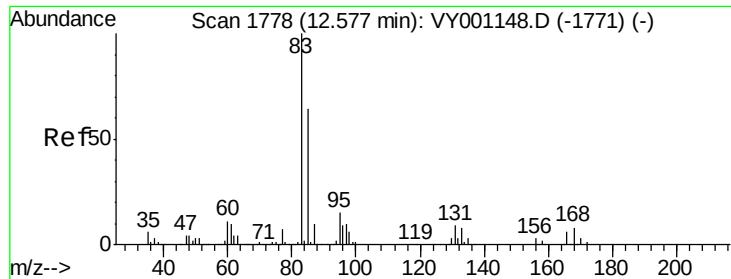
43 100

70 40.4 35.0 52.6

55 23.0 18.4 27.6

61 23.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 66.364 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

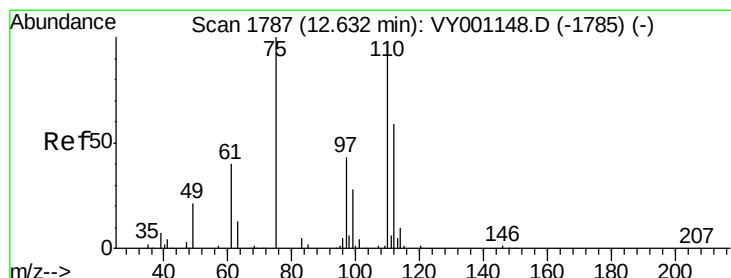
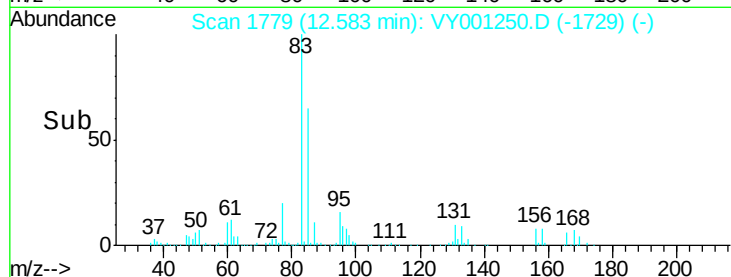
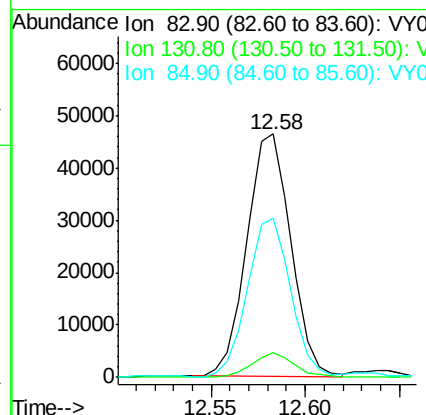
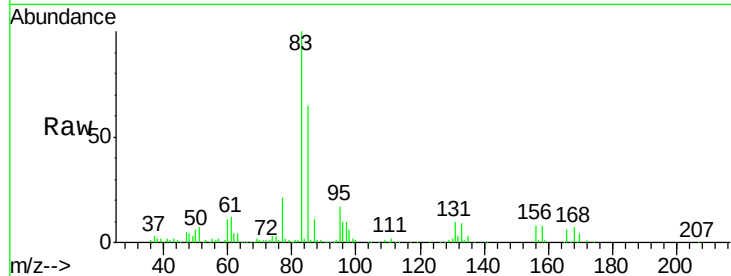
ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:	83	Resp:	74611
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	64.6	32.2	96.6

Manual Integrations
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1/16/2020 9:36:59 AM



#76

1,2,3-Trichloropropane

Concen: 66.751 ug/l m

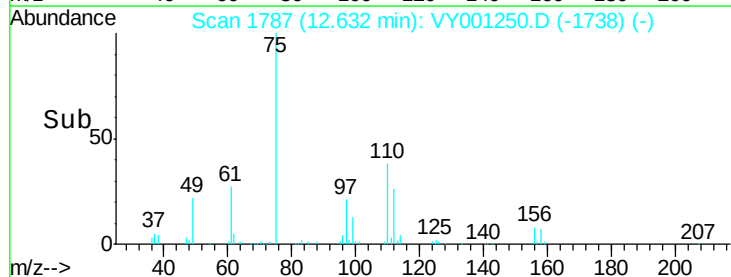
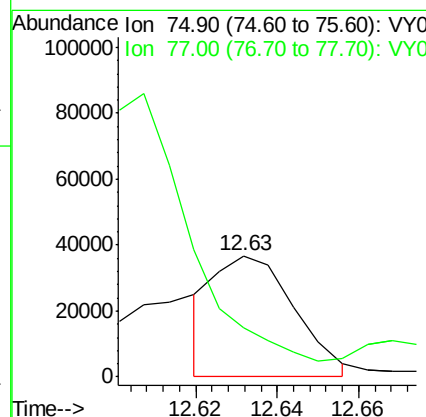
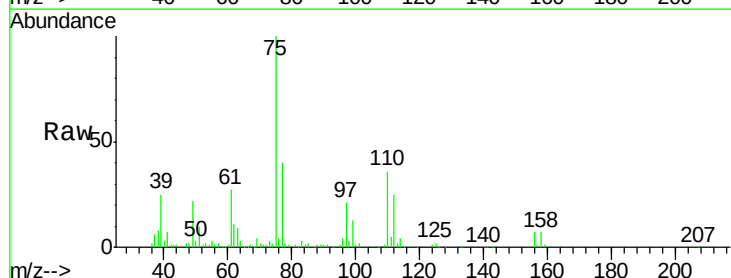
RT: 12.63 min Scan# 1787

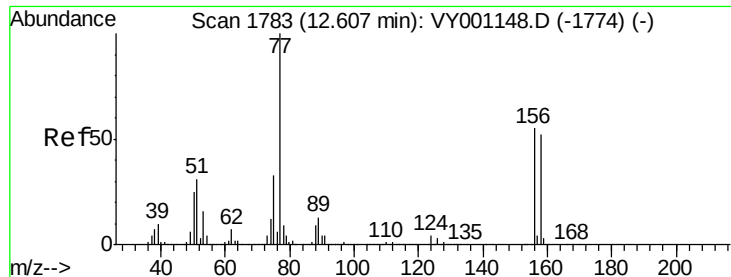
Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Tgt Ion:	75	Resp:	50793
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 64.394 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:156 Resp: 76034

Ion Ratio Lower Upper

156 100

77 202.3 106.7 320.1

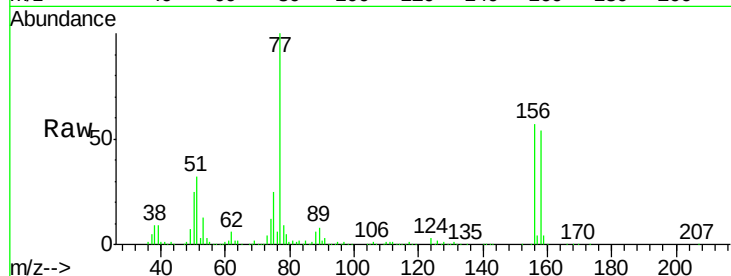
158 96.4 48.3 144.8

Manual Integrations

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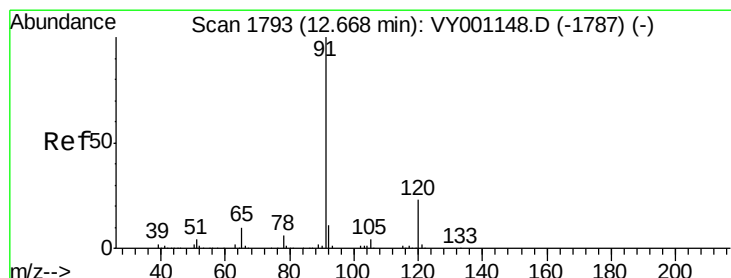
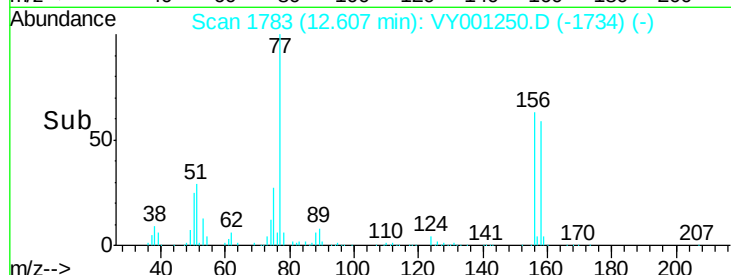
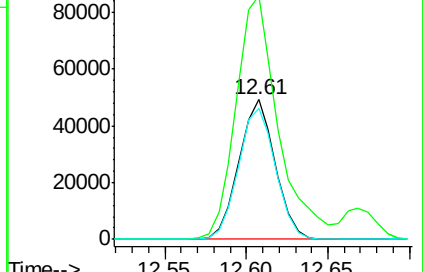
1/16/2020 9:36:59 AM



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: 66.653 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001250.D

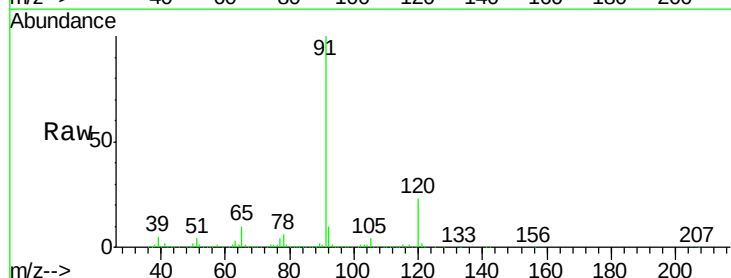
Acq: 16 Jan 2020 04:08

Tgt Ion: 91 Resp: 428419

Ion Ratio Lower Upper

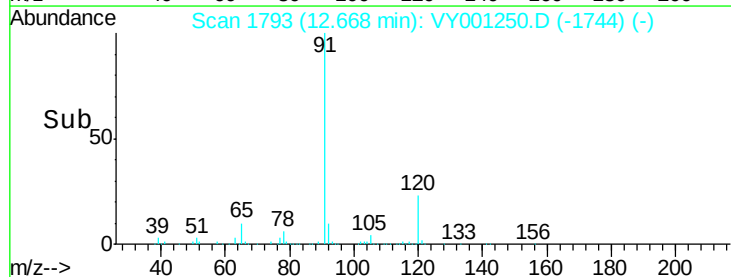
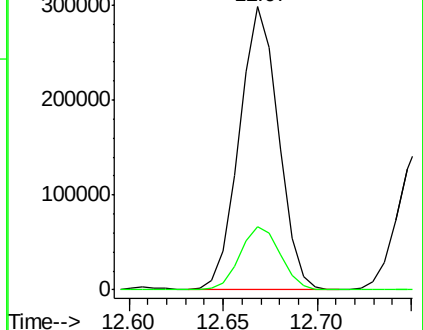
91 100

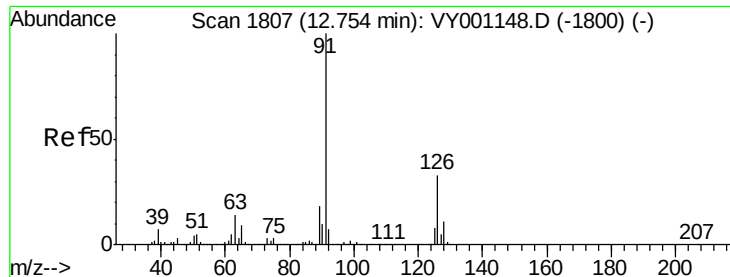
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 64.384 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 91 Resp: 237669

Ion Ratio Lower Upper

91 100

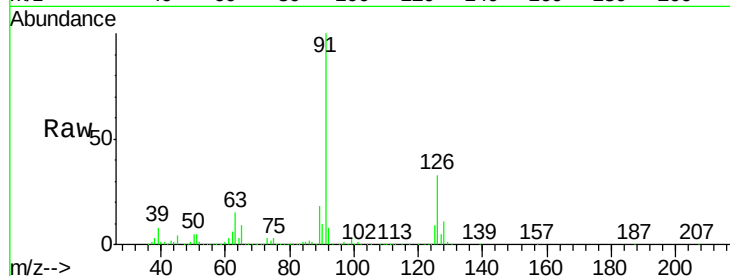
126 33.7 16.4 49.4

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Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001148.D (-1800) (-)

300000

250000

200000

150000

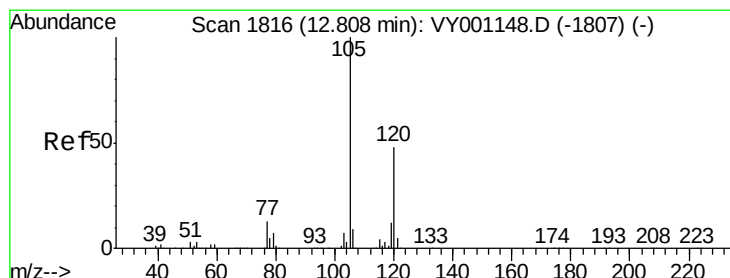
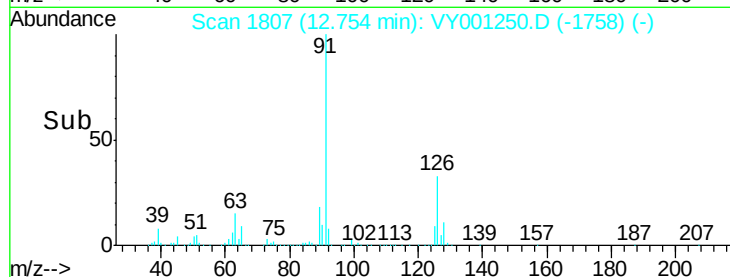
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 66.758 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001250.D

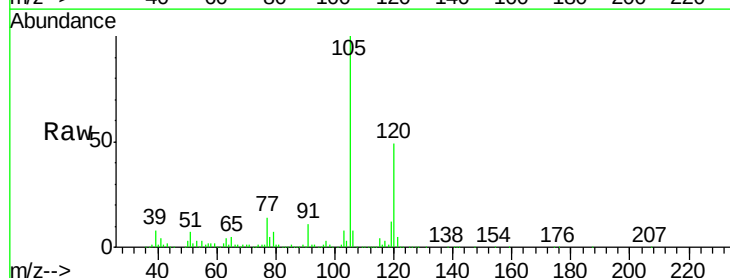
Acq: 16 Jan 2020 04:08

Tgt Ion: 105 Resp: 297651

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY001148.D (-1807) (-)

200000

150000

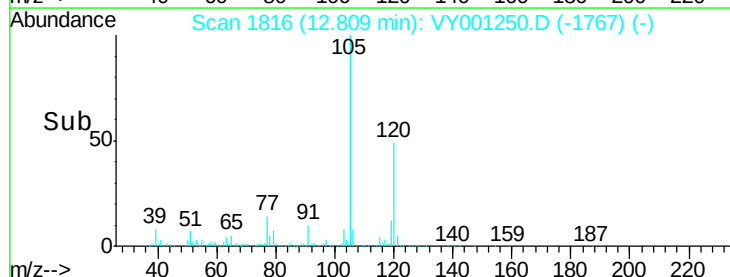
100000

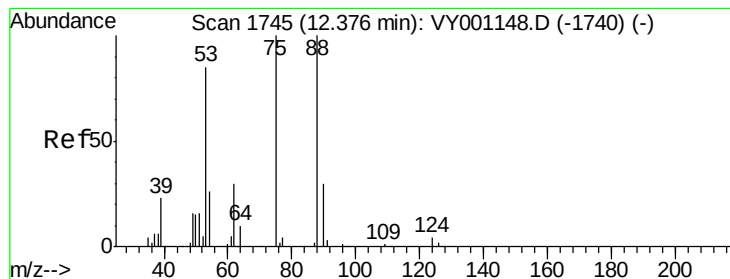
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.896 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion: 75 Resp: 22838

Ion Ratio Lower Upper

75 100

53 81.9 69.4 104.2

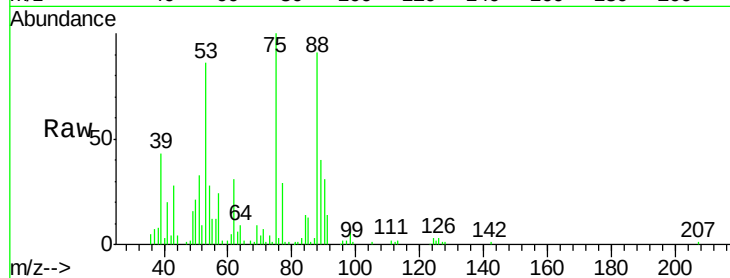
89 46.5 0.0 0.0#

Manual Integrations

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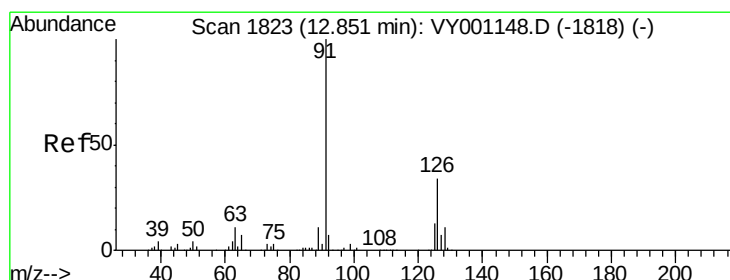
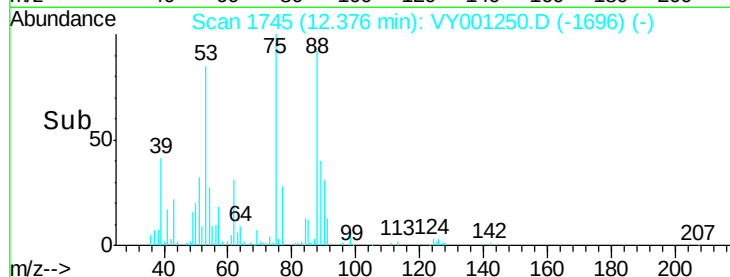
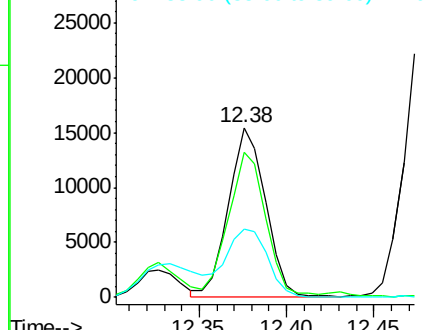
1/16/2020 9:36:59 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 60.487 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001250.D

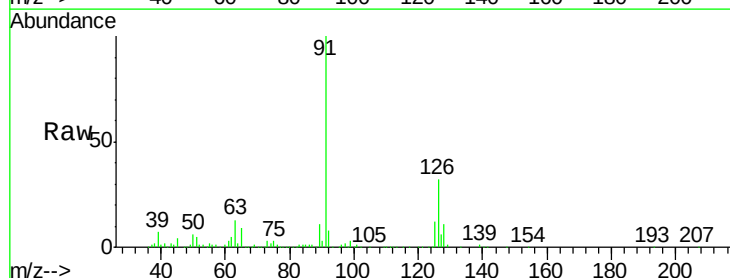
Acq: 16 Jan 2020 04:08

Tgt Ion: 91 Resp: 238368

Ion Ratio Lower Upper

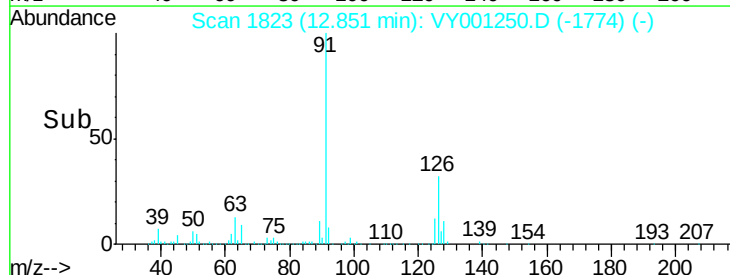
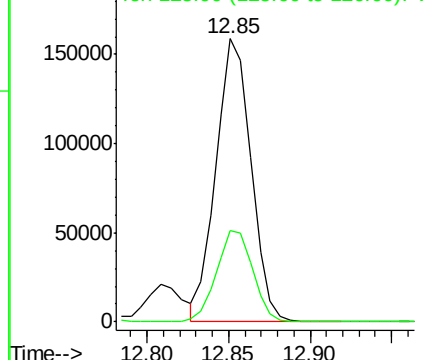
91 100

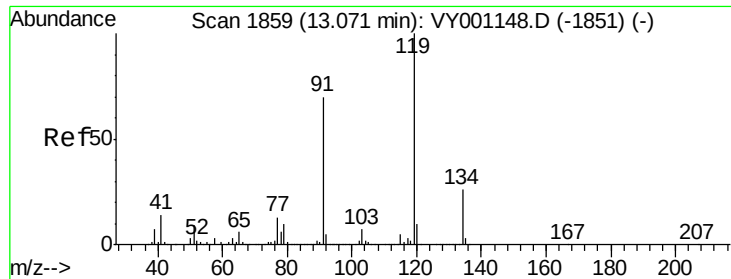
126 33.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





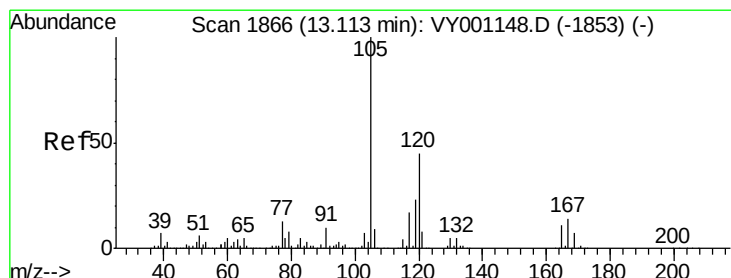
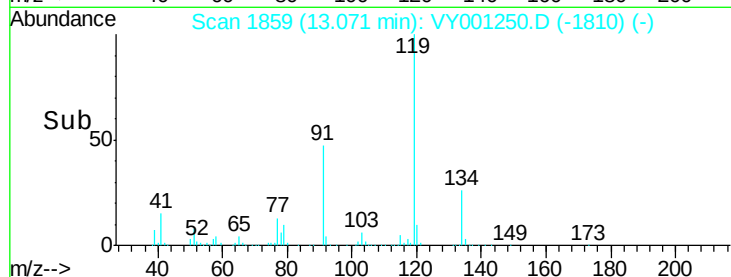
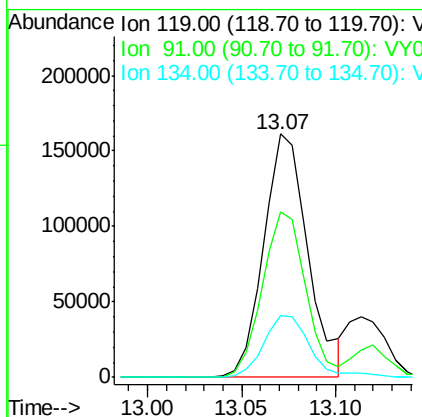
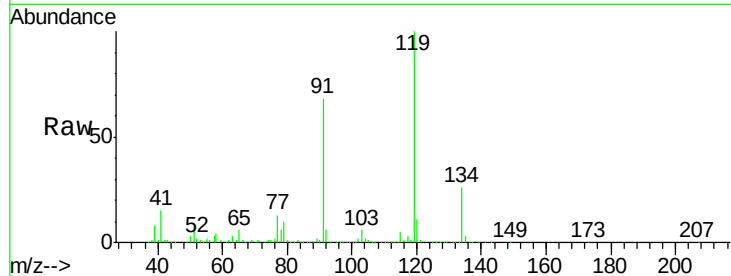
#83
tert-Butylbenzene
Concen: 70.124 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.9	101.7
134	26.6	13.5	40.4

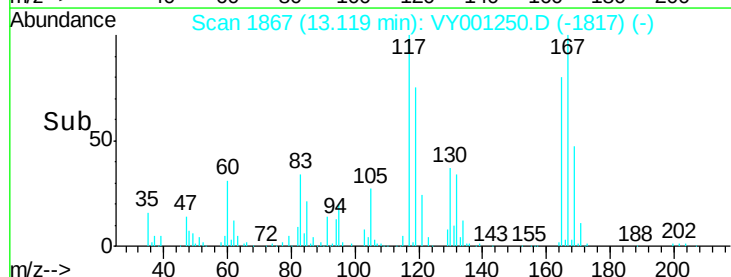
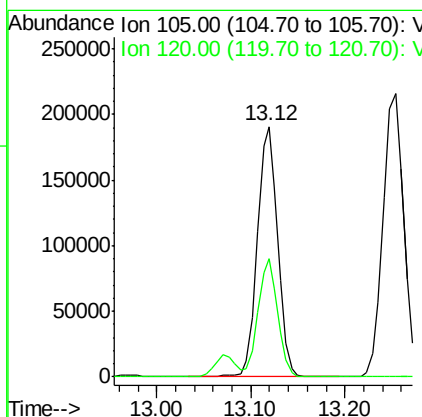
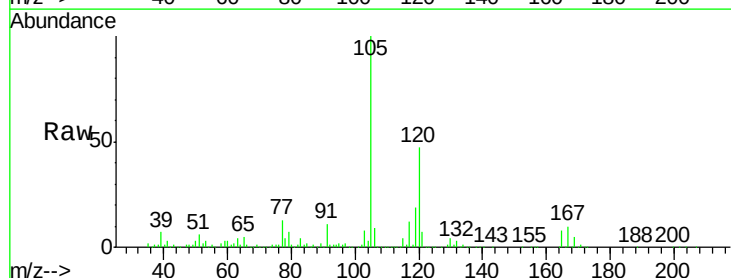
Manual Integrations
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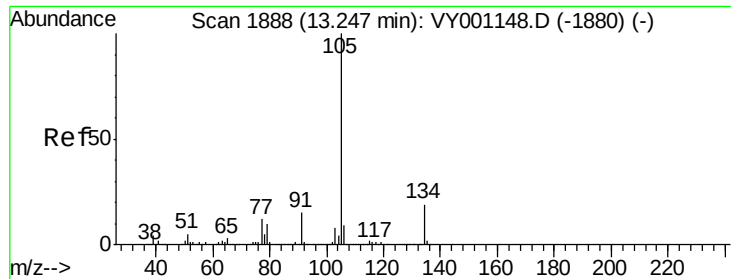
MMDadoda
1/16/2020 9:36:59 AM



#84
1,2,4-Trimethylbenzene
Concen: 65.686 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 61.203 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_28-30MSD

Tot Ion:105 Resp: 329865

Ion Ratio Lower Upper

105 100

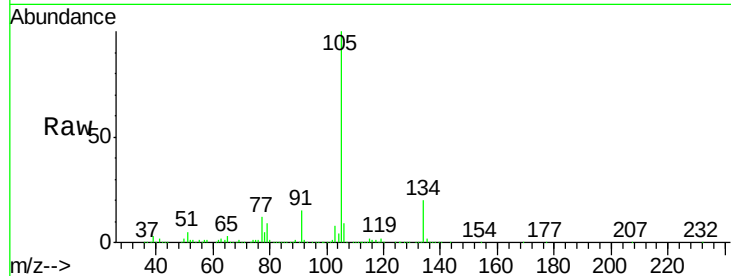
134 19.9 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

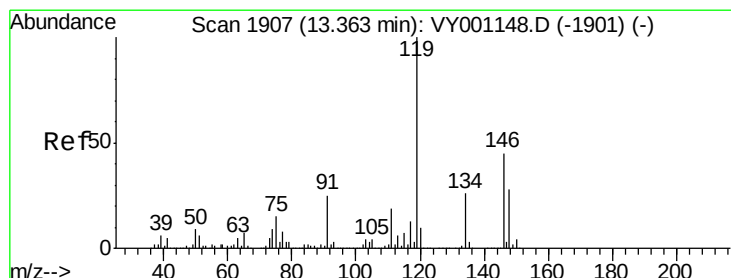
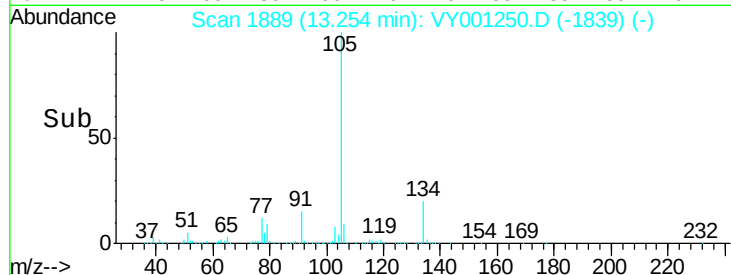
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 60.106 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001250.D

Acq: 16 Jan 2020 04:08

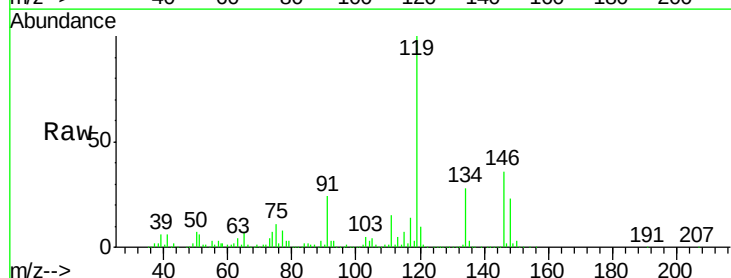
Tgt Ion:119 Resp: 281267

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 24.0 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

50000

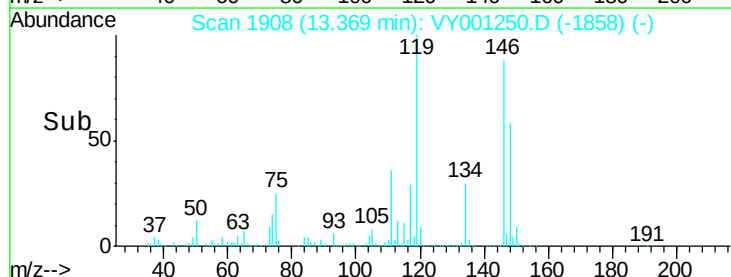
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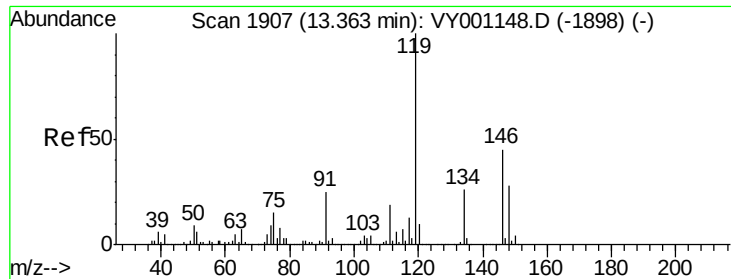
13.30

13.35

13.40

Time-->





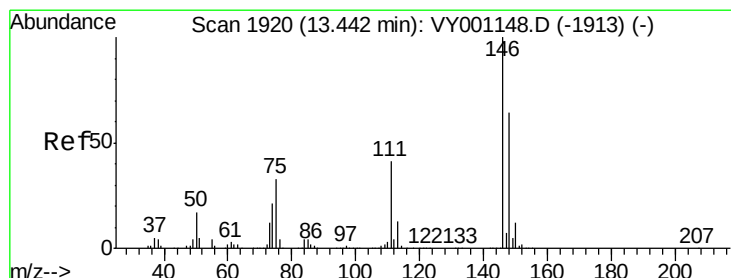
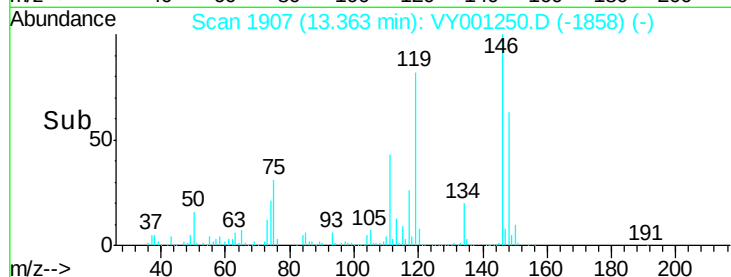
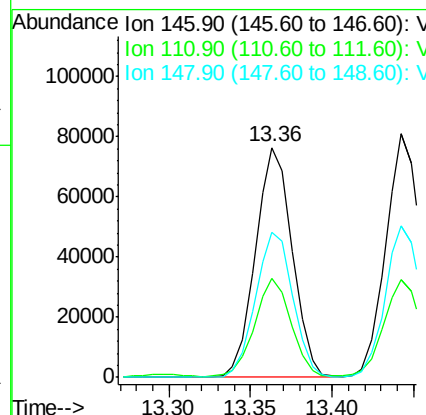
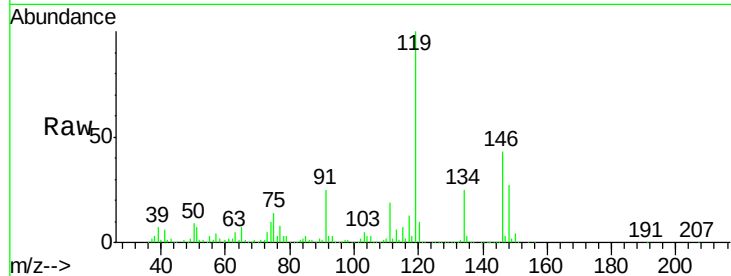
#87
 1,3-Dichlorobenzene
 Concen: 53.400 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119244		
111	42.0	21.3	64.0	
148	64.2	31.9	95.5	

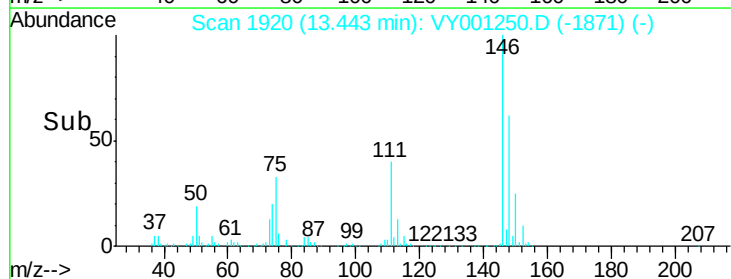
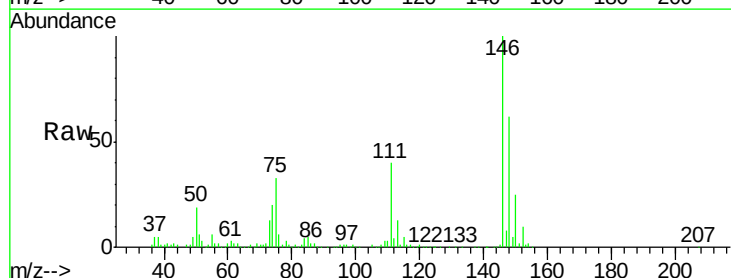
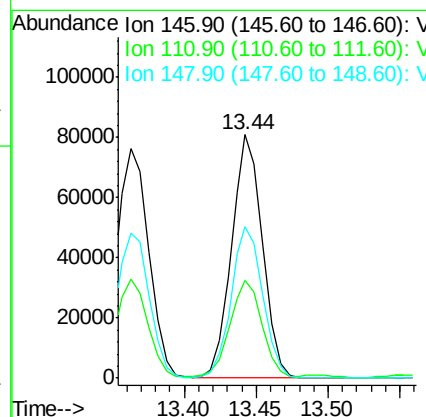
Manual Integrations
 APPROVED

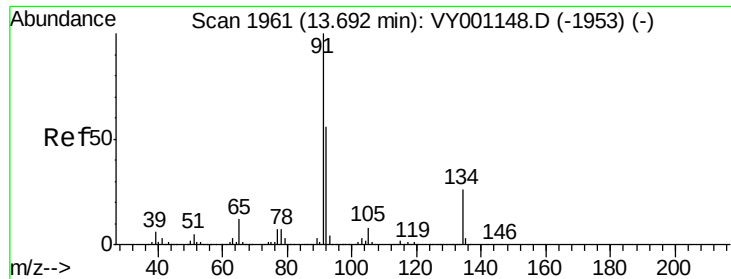
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 1/16/2020 9:36:59 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.861 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121487		
111	41.0	20.8	62.5	
148	63.6	32.0	96.2	





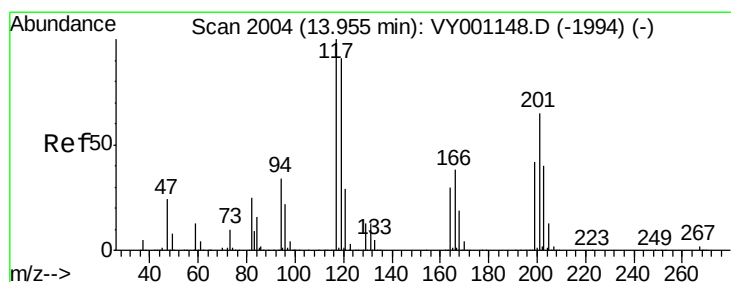
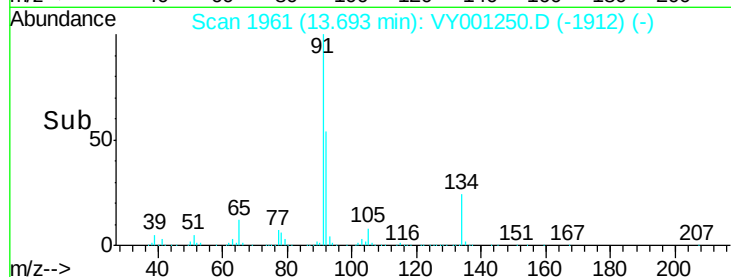
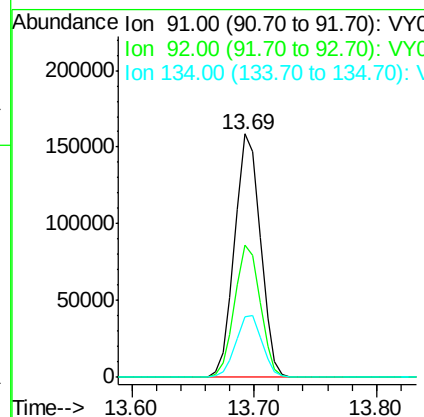
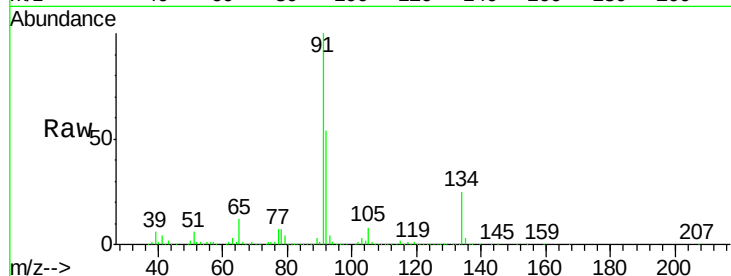
#89
n-Butylbenzene
Concen: 48.847 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.7	83.1
134	26.0	12.9	38.6

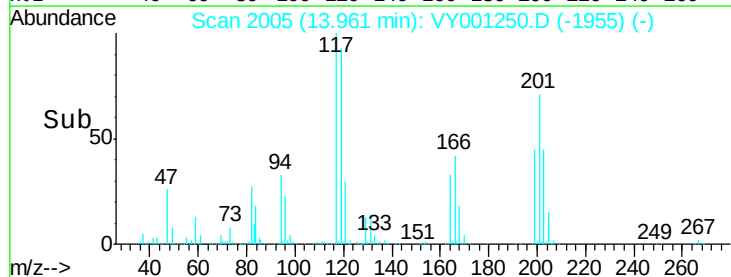
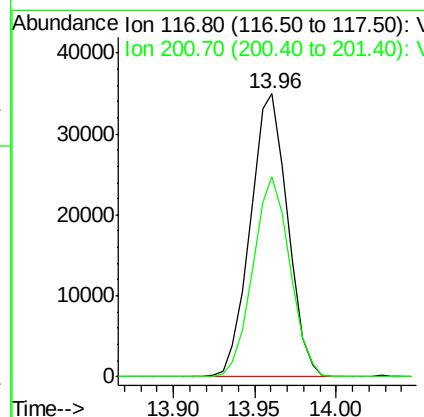
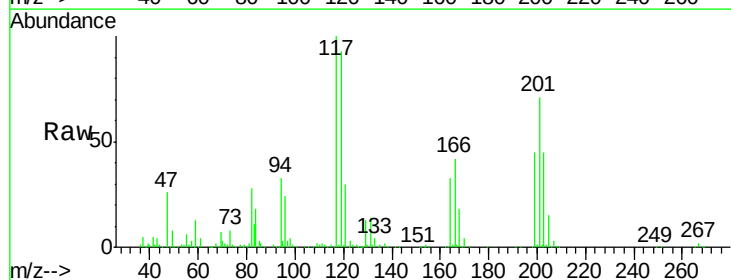
Manual Integrations
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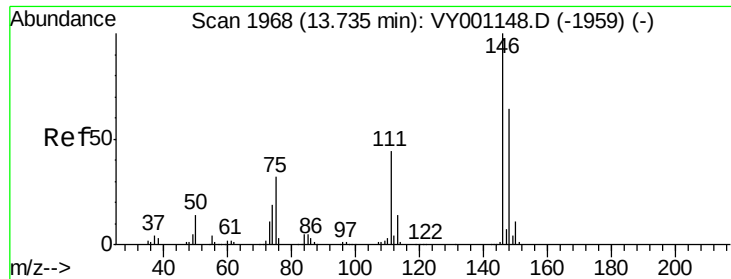
MMDadoda
1/16/2020 9:36:59 AM



#90
Hexachloroethane
Concen: 60.870 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	35.4	106.2





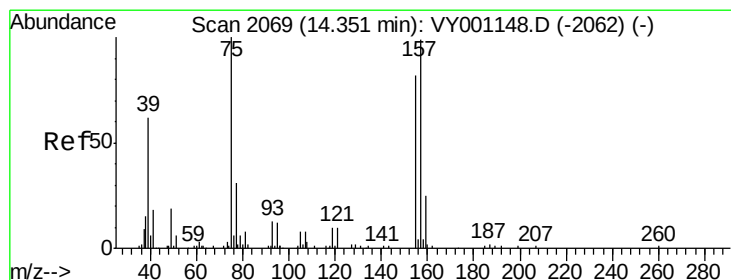
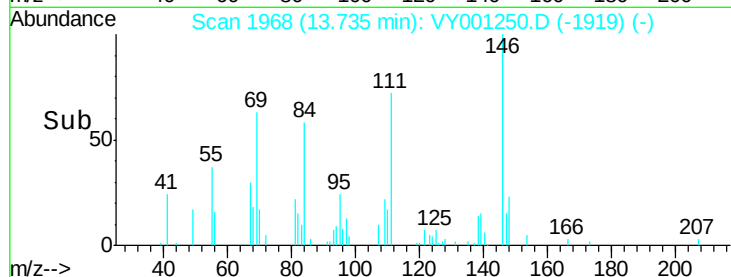
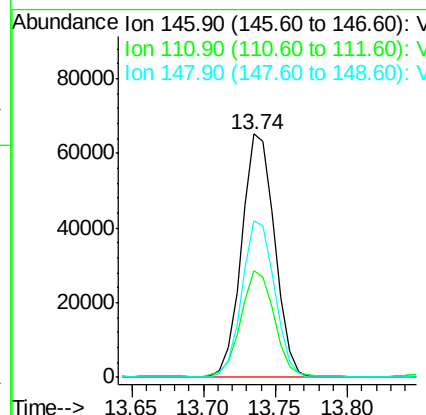
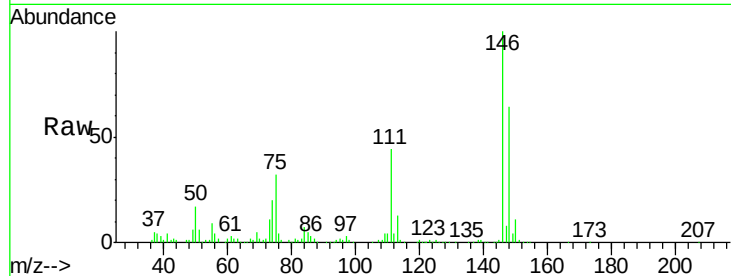
#91
 1,2-Dichlorobenzene
 Concen: 49.830 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.0	66.0
148	63.6	32.1	96.3

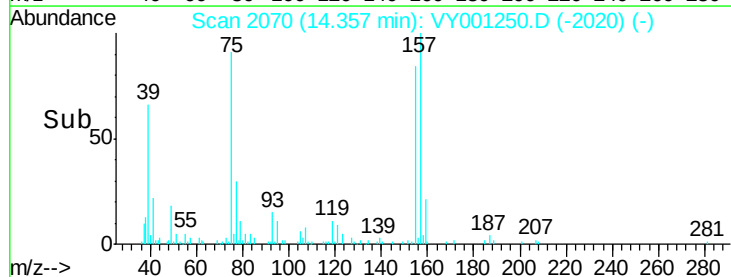
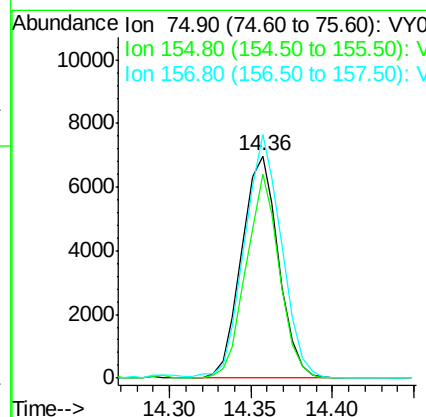
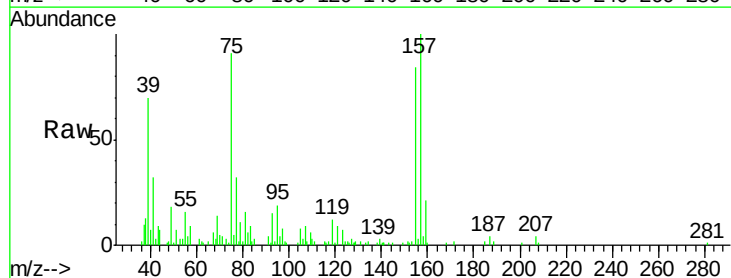
Manual Integrations
 APPROVED

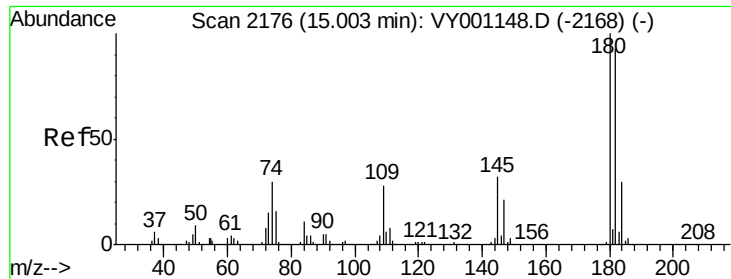
MMDadoda
 1/16/2020 9:36:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.348 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001250.D
 Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	41.2	123.6
157	109.8	52.8	158.4





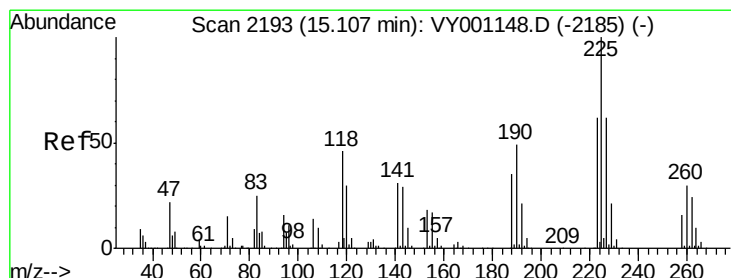
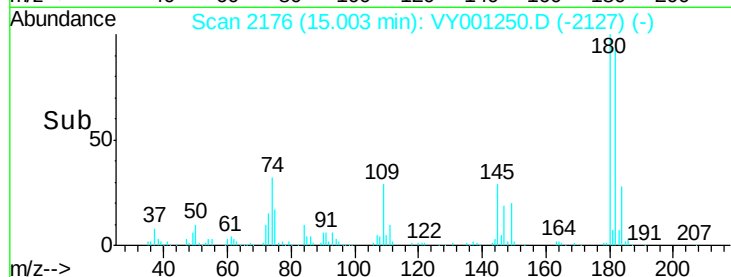
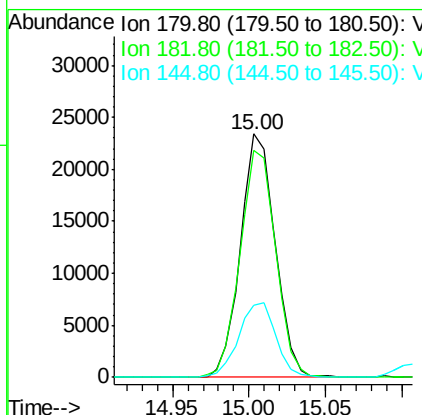
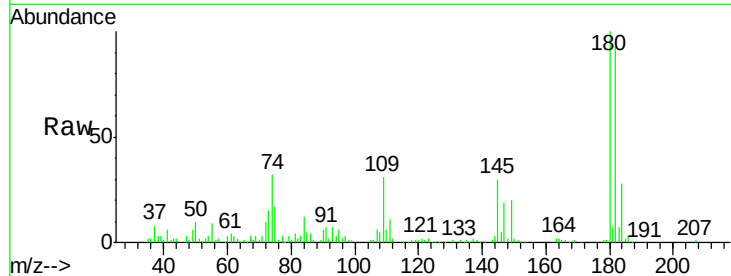
#93
1,2,4-Trichlorobenzene
Concen: 26.903 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.9	140.8
145	32.8	16.0	48.0

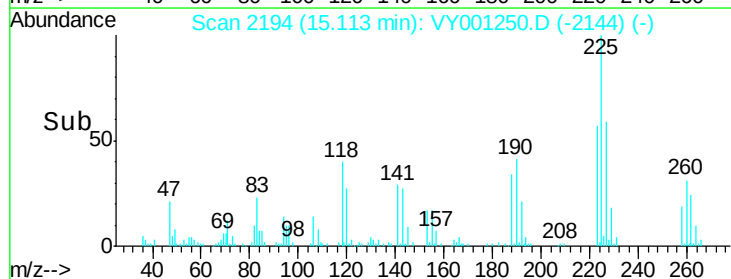
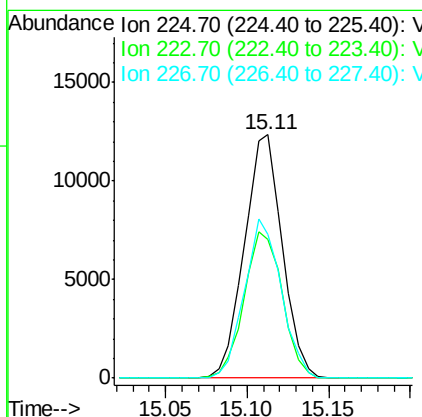
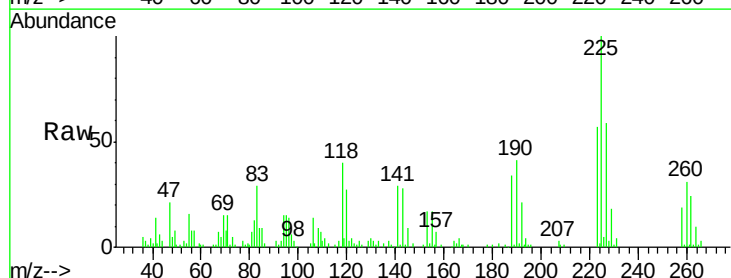
Manual Integrations
APPROVED

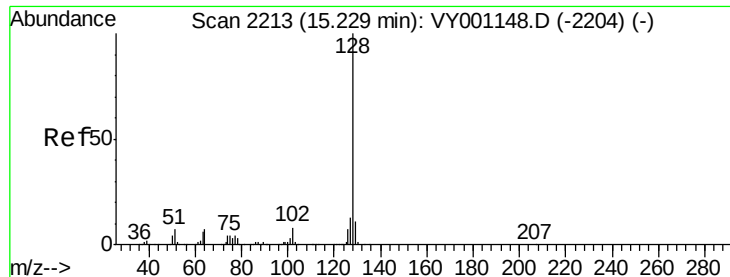
MMDadoda
1/16/2020 9:36:59 AM



#94
Hexachlorobutadiene
Concen: 28.926 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.3
227	63.4	31.3	93.9





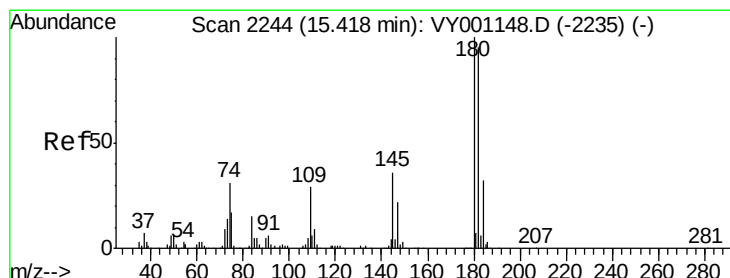
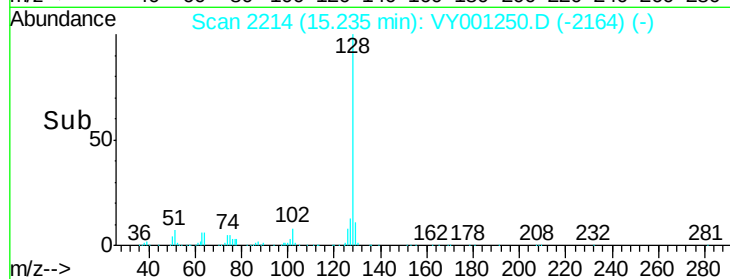
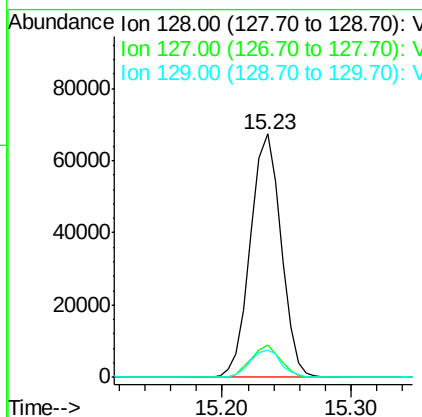
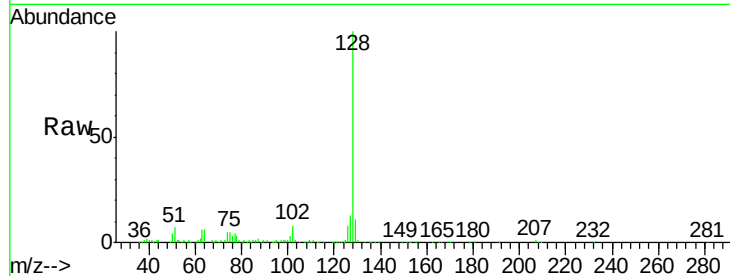
#95
Naphthalene
Concen: 34.698 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.4	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
1/16/2020 9:36:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 24.073 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001250.D
Acq: 16 Jan 2020 04:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.5
145	34.0	17.1	51.3

