

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001213.D
 Acq On : 15 Jan 2020 13:26
 Operator : SY/MD
 Sample : VY0115SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:15 AM

Quant Time: Jan 16 05:19:18 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	182935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	320797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	281958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	136180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	89738	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
35) Dibromofluoromethane	7.73	113	85438	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	10.18	98	349371	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.48	95	127774	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	32148	22.882	ug/l	98
3) Chloromethane	2.12	50	45360	22.399	ug/l	100
4) Vinyl Chloride	2.25	62	47527	23.296	ug/l	100
5) Bromomethane	2.64	94	31734	28.958	ug/l	100
6) Chloroethane	2.79	64	29801	25.284	ug/l	97
7) Trichlorofluoromethane	3.13	101	60525	21.313	ug/l	98
8) Diethyl Ether	3.53	74	24648	22.337	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	37944	20.758	ug/l	97
10) Methyl Iodide	4.10	142	50798	20.303	ug/l	100
11) Tert butyl alcohol	4.97	59	25961	133.547	ug/l	99
12) 1,1-Dichloroethene	3.88	96	40117	21.451	ug/l	97
13) Acrolein	3.73	56	20945	119.682	ug/l	100
14) Allyl chloride	4.49	41	67895	21.511	ug/l	98
15) Acrylonitrile	5.18	53	62640	113.506	ug/l	99
16) Acetone	3.96	43	52938	117.976	ug/l	96
17) Carbon Disulfide	4.19	76	129308	21.364	ug/l	97
18) Methyl Acetate	4.48	43	32775	22.092	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	114542	22.142	ug/l	99
20) Methylene Chloride	4.72	84	51836	21.658	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	45825	21.610	ug/l	97
22) Diisopropyl ether	6.13	45	139687	21.668	ug/l	96
23) Vinyl Acetate	6.07	43	465385	112.877	ug/l	100
24) 1,1-Dichloroethane	6.03	63	78363	22.204	ug/l	99
25) 2-Butanone	7.00	43	86098	123.286	ug/l	99
26) 2,2-Dichloropropane	6.99	77	68111	20.986	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	51576	22.197	ug/l	100
28) Bromochloromethane	7.34	49	27396	18.903	ug/l	99
29) Tetrahydrofuran	7.36	42	55603	116.181	ug/l	97
30) Chloroform	7.52	83	76282	22.059	ug/l	100
31) Cyclohexane	7.79	56	76746	20.538	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	64851	21.136	ug/l	100
36) 1,1-Dichloropropene	7.93	75	61626	21.077	ug/l	99
37) Ethyl Acetate	7.08	43	37473	21.838	ug/l	98
38) Carbon Tetrachloride	7.91	117	56019	20.906	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	81269	20.502	ug/l	98
40) Benzene	8.17	78	184919	21.666	ug/l	100
41) Methacrylonitrile	7.33	41	16771m	20.807	ug/l	
42) 1,2-Dichloroethane	8.24	62	50496	21.129	ug/l	98
43) Isopropyl Acetate	8.28	43	71790	21.879	ug/l	98
44) Trichloroethene	8.94	130	47992	21.579	ug/l	99
45) 1,2-Dichloropropane	9.22	63	45609	21.616	ug/l	95
46) Dibromomethane	9.31	93	24980	21.698	ug/l	98
47) Bromodichloromethane	9.50	83	59535	21.219	ug/l	98
48) Methyl methacrylate	9.30	41	33354	21.966	ug/l	99
49) 1,4-Dioxane	9.30	88	6841	487.936	ug/l #	96
51) 4-Methyl-2-Pentanone	10.07	43	185865	111.635	ug/l	99
52) Toluene	10.24	92	116066	21.321	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	66199	21.085	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	76307	21.557	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	37777	22.134	ug/l	97
56) Ethyl methacrylate	10.51	69	54780	20.982	ug/l	99
57) 1,3-Dichloropropane	10.79	76	63086	21.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	94122	102.504	ug/l	99
59) 2-Hexanone	10.83	43	133991	114.833	ug/l	99
60) Dibromochloromethane	10.99	129	41652	21.196	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35496	21.299	ug/l	100
64) Tetrachloroethene	10.72	164	39007	21.461	ug/l	98
65) Chlorobenzene	11.52	112	122785	21.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	41953	21.605	ug/l	99
67) Ethyl Benzene	11.59	91	223116	21.648	ug/l	99
68) m/p-Xylenes	11.70	106	169518	43.602	ug/l	98
69) o-Xylene	12.03	106	81870	21.963	ug/l	97
70) Styrene	12.04	104	140826	21.532	ug/l	98
71) Bromoform	12.20	173	25425	21.232	ug/l #	98
73) Isopropylbenzene	12.33	105	213783	20.882	ug/l	99
74) N-amyl acetate	12.14	43	67516	21.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	45834	21.279	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	28260m	19.385	ug/l	
77) Bromobenzene	12.61	156	48535	21.455	ug/l	95
78) n-propylbenzene	12.67	91	255644	20.760	ug/l	99
79) 2-Chlorotoluene	12.75	91	144397	20.418	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	180397	21.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17885	20.804	ug/l #	97
82) 4-Chlorotoluene	12.85	91	155320	20.572	ug/l	99
83) tert-Butylbenzene	13.07	119	149968	20.894	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	179916	21.209	ug/l	100
85) sec-Butylbenzene	13.25	105	216495	20.967	ug/l	98
86) p-Isopropyltoluene	13.36	119	193069	21.535	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	94999	22.206	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	93443	21.222	ug/l	99
89) n-Butylbenzene	13.69	91	189547	20.992	ug/l	98
90) Hexachloroethane	13.95	117	35399	20.208	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	86143	21.666	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	7780	20.024	ug/l	92

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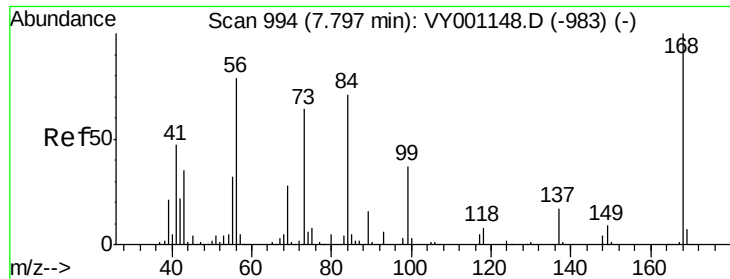
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	58522	22.339	ug/l	98
94) Hexachlorobutadiene	15.11	225	29257	22.169	ug/l	98
95) Naphthalene	15.23	128	133023	21.812	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	50843	22.022	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion:168 Resp: 182935

Ion Ratio Lower Upper

168 100

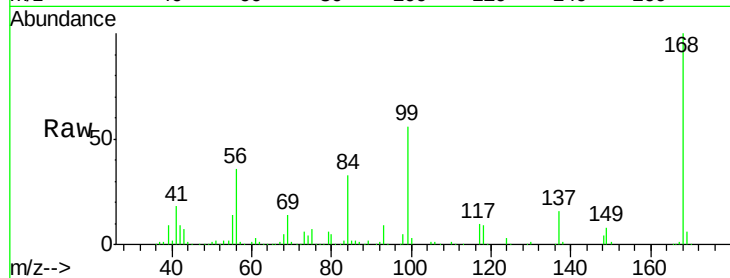
99 56.0 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

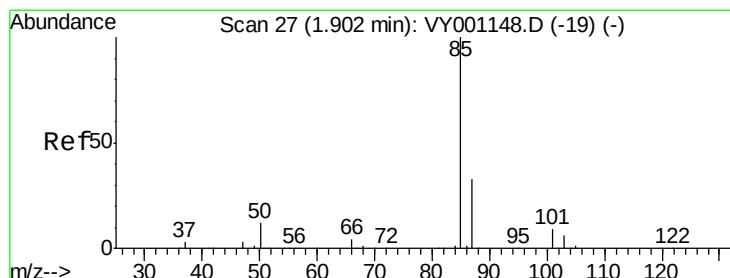
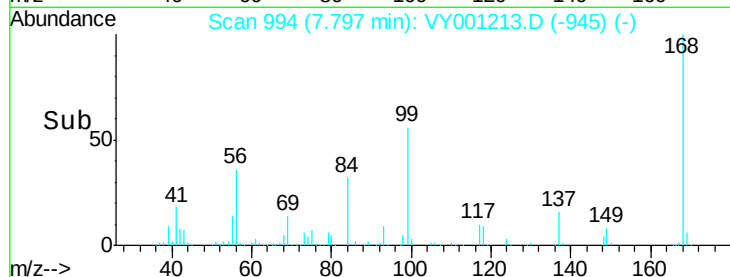
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.882 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001213.D

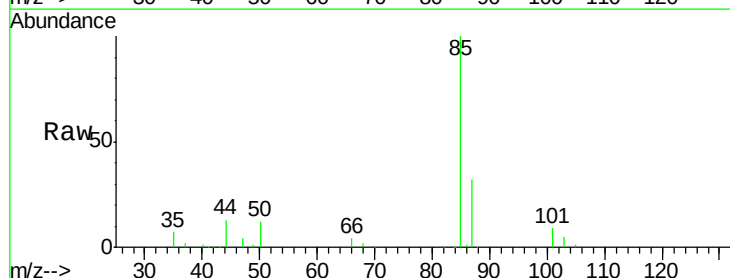
Acq: 15 Jan 2020 13:26

Tgt Ion: 85 Resp: 32148

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

25000

20000

15000

10000

5000

0

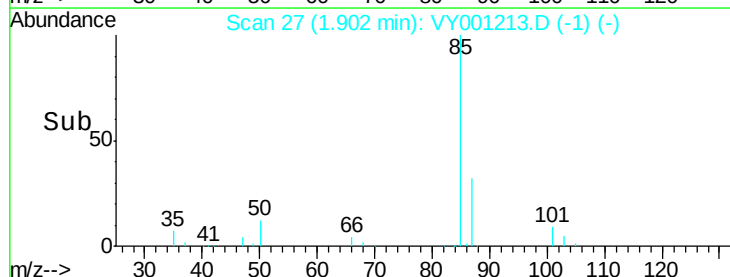
1.85

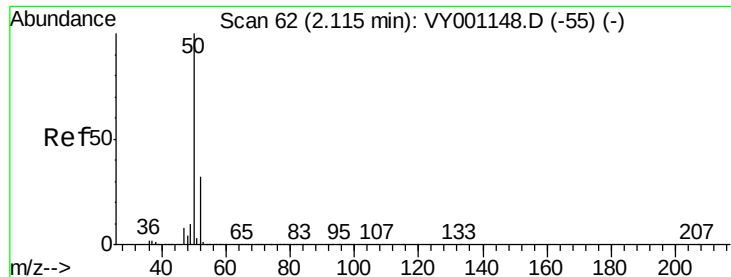
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 22.399 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 50 Resp: 45360

Ion Ratio Lower Upper

50 100

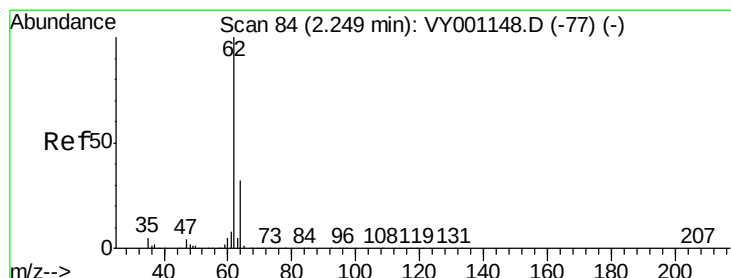
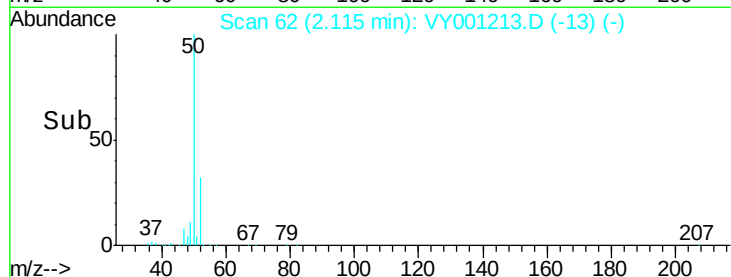
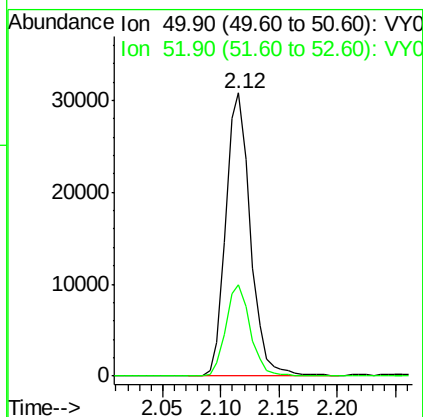
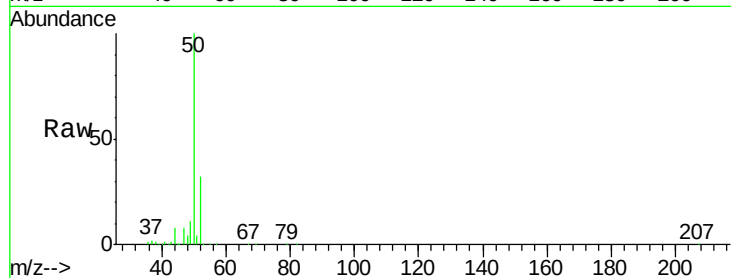
52 32.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.296 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY001213.D

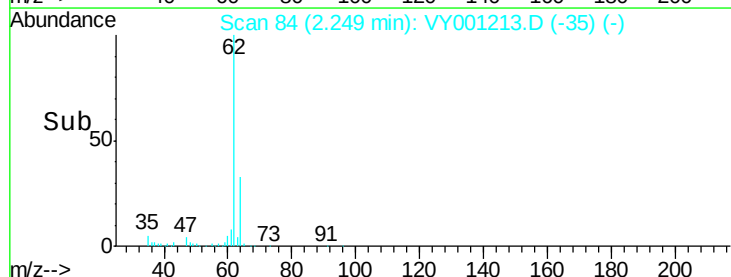
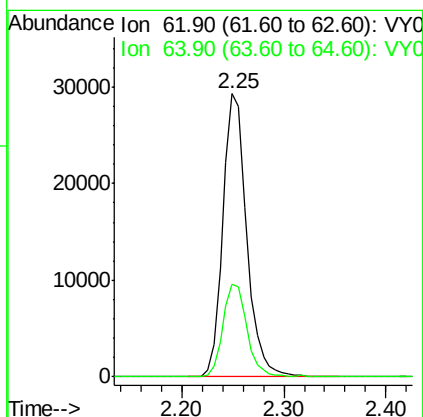
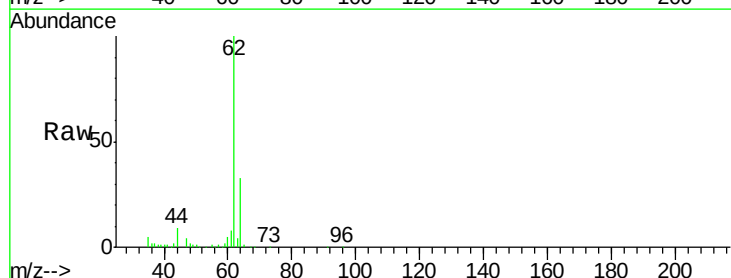
Acq: 15 Jan 2020 13:26

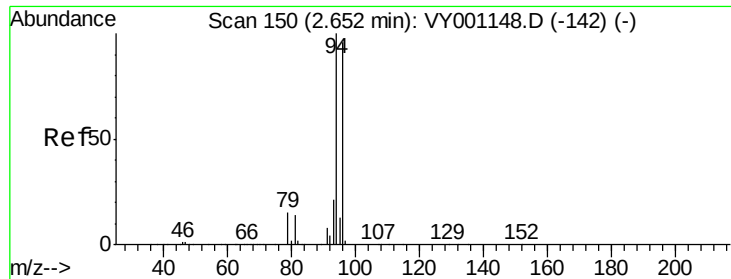
Tgt Ion: 62 Resp: 47527

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 28.958 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 94 Resp: 31734

Ion Ratio Lower Upper

94 100

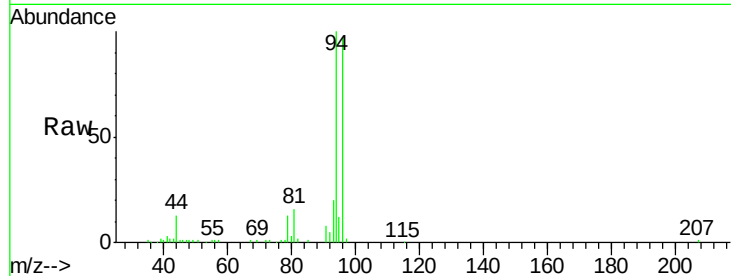
96 96.2 77.3 115.9

Manual Integrations

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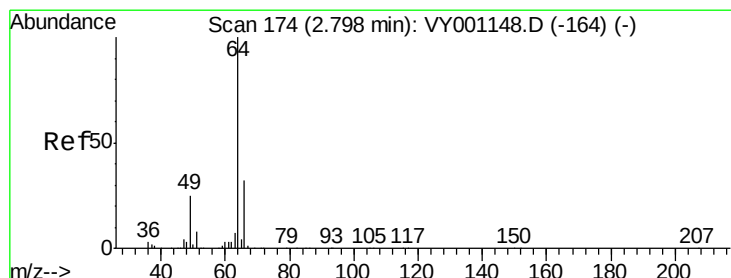
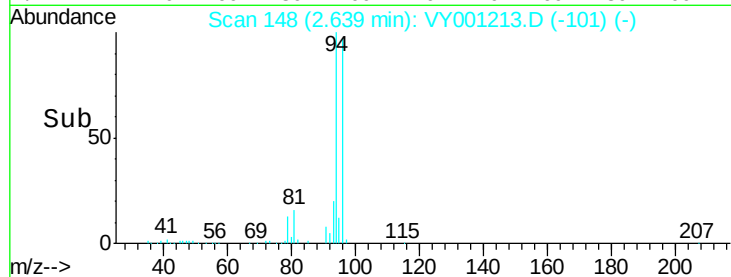
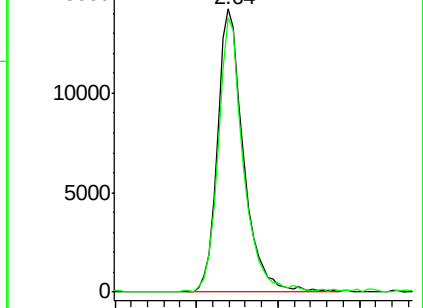
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 25.284 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001213.D

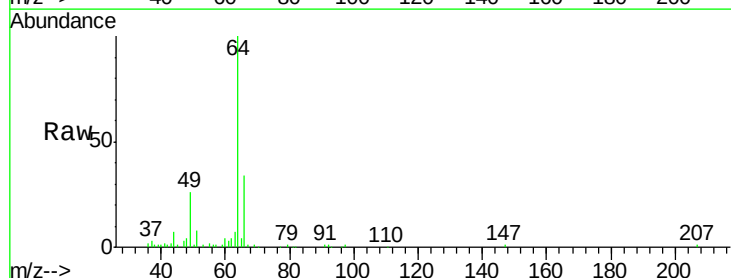
Acq: 15 Jan 2020 13:26

Tgt Ion: 64 Resp: 29801

Ion Ratio Lower Upper

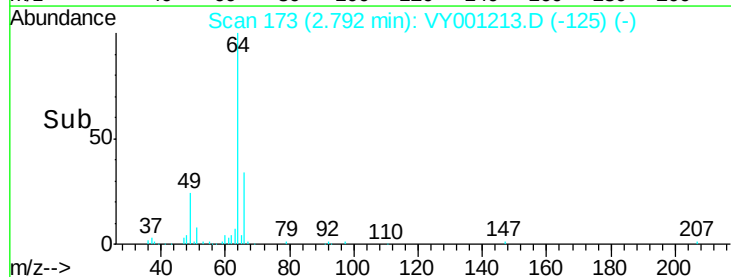
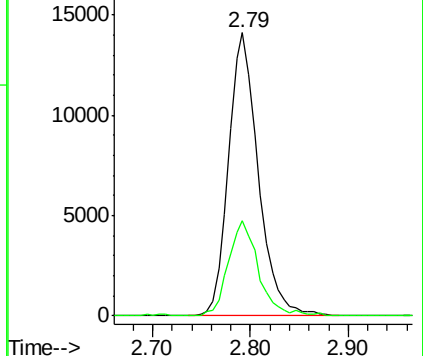
64 100

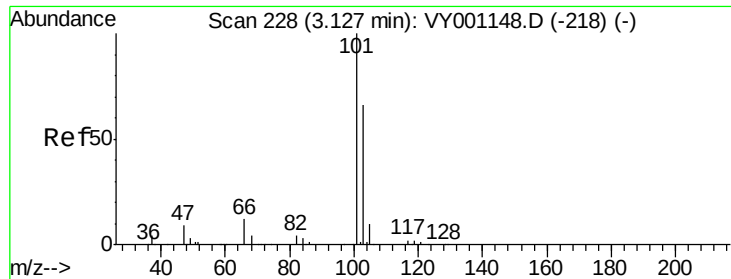
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

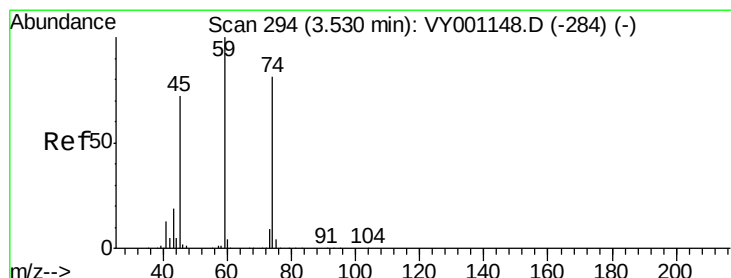
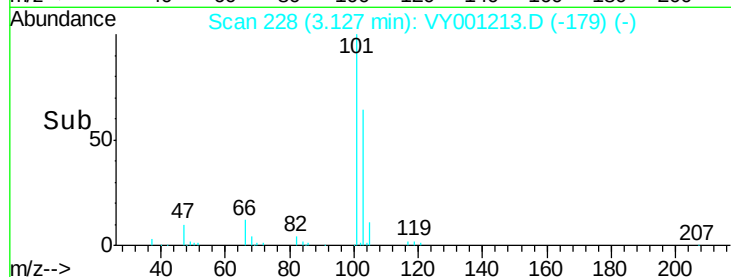
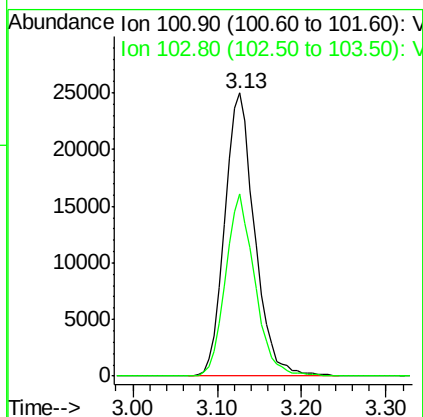
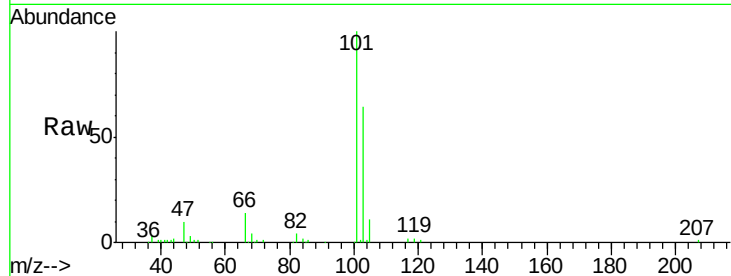
Trichlorofluoromethane
Concen: 21.313 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

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ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.6	79.0

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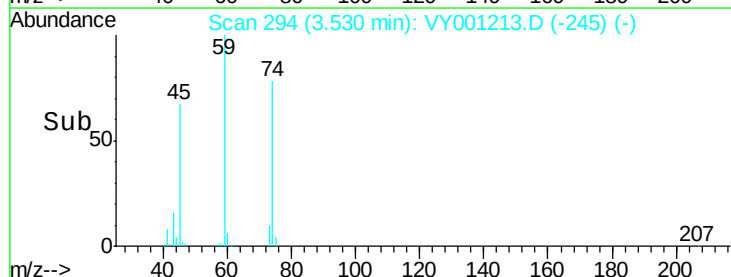
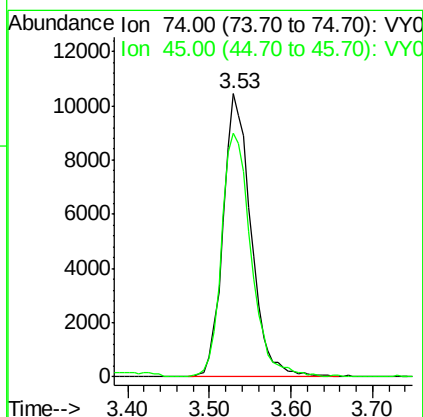
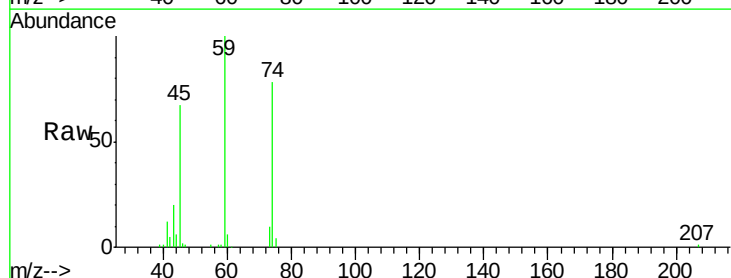
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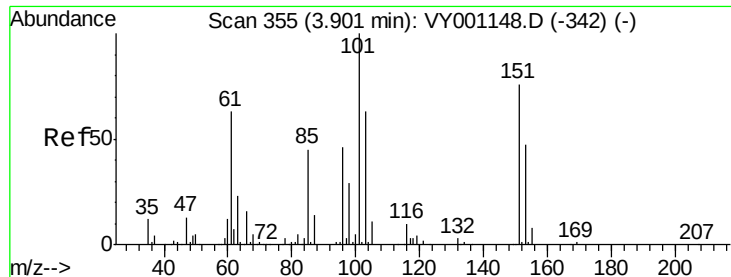


#8

Diethyl Ether
Concen: 22.337 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.758 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001213.D

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MSVOA_Y

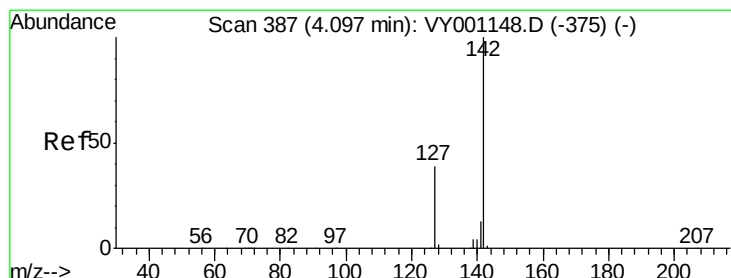
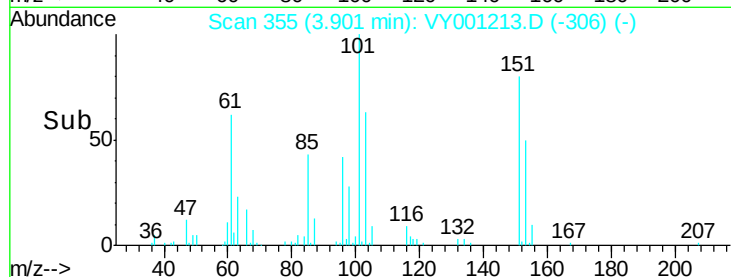
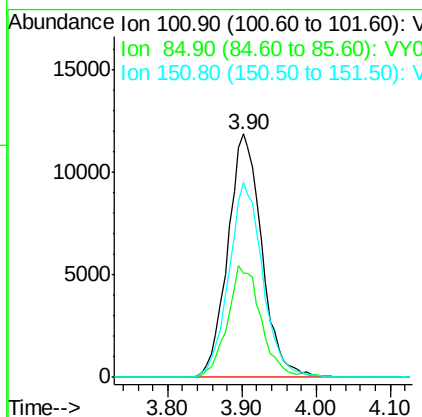
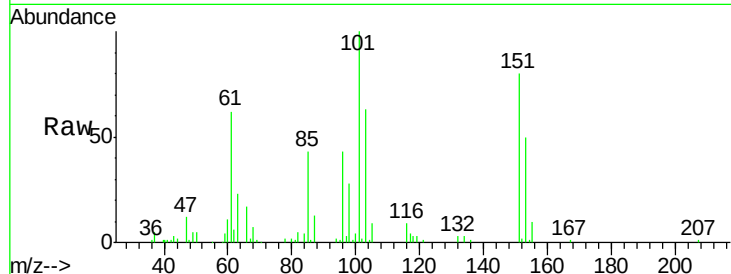
ClientSampleId :

VY0115SBS01

Tot Ion:	101	Resp:	37944
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.2	52.8
151	79.7	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.303 ug/l

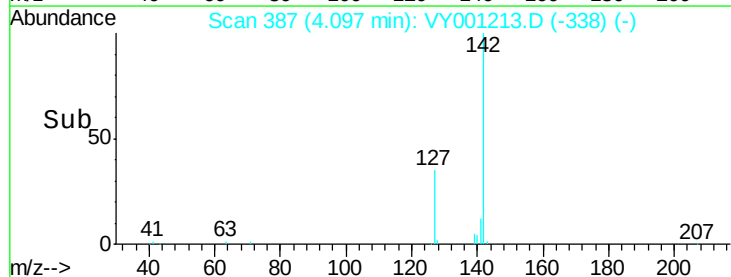
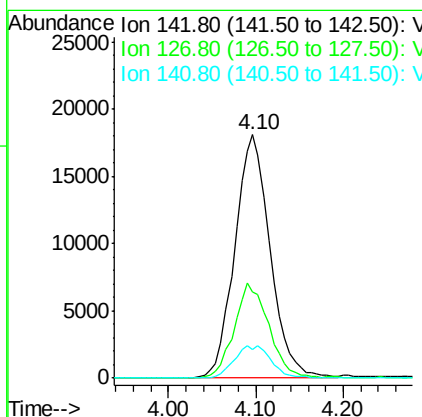
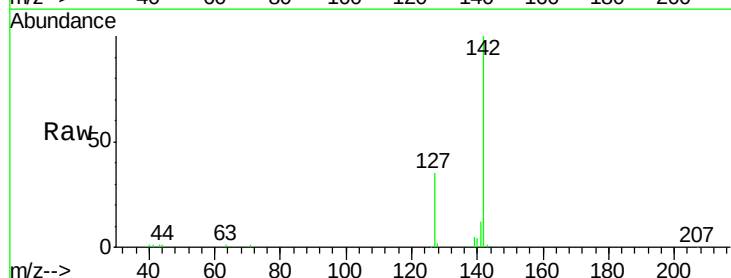
RT: 4.10 min Scan# 387

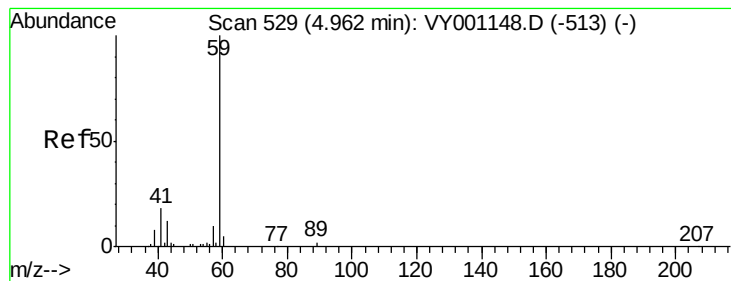
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	142	Resp:	50798
Ion Ratio	Lower	Upper	
142	100		
127	38.2	30.8	46.2
141	13.8	11.0	16.4





#11

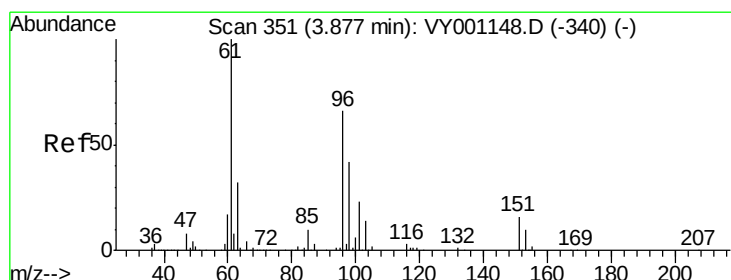
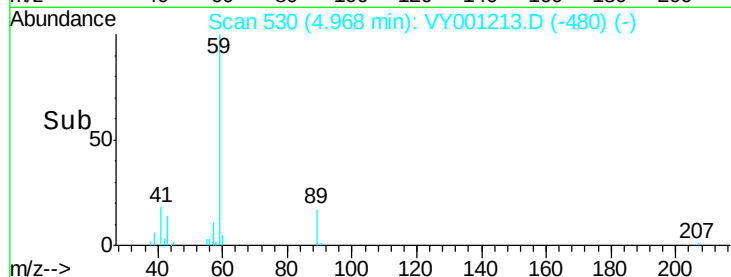
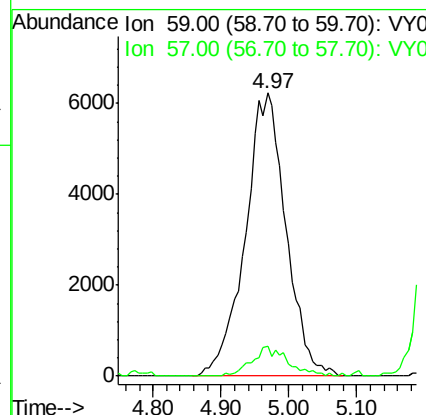
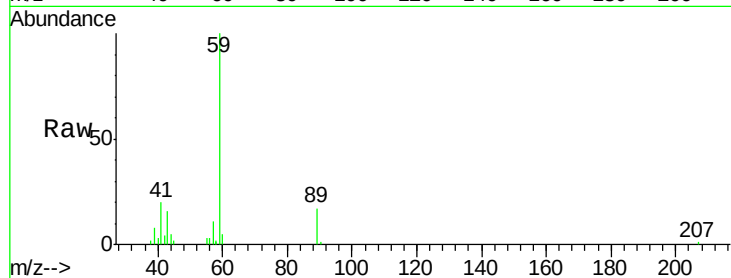
Tert butyl alcohol
Concen: 133.547 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.8

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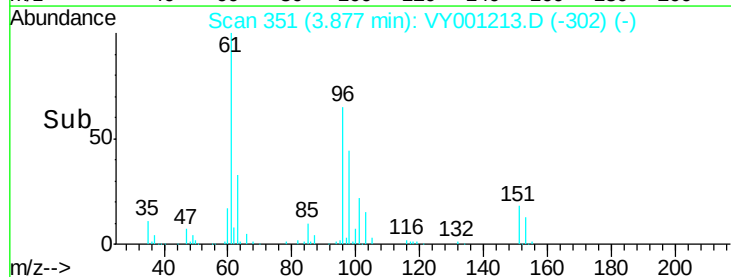
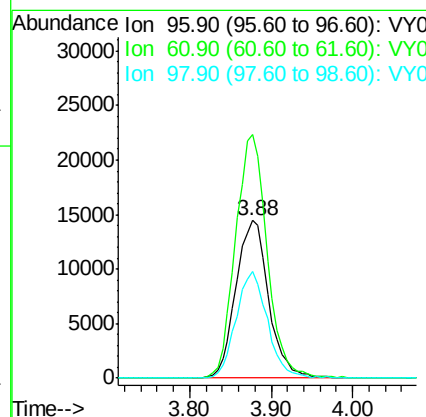
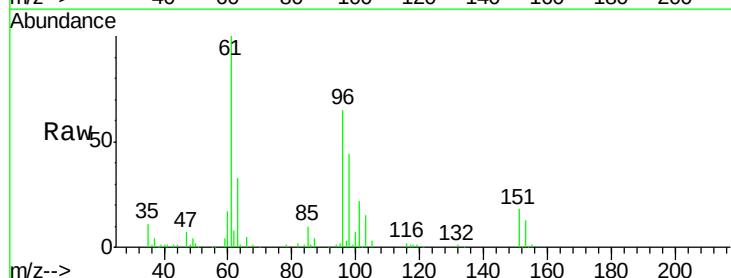
MMDadoda
1/16/2020 9:36:15 AM

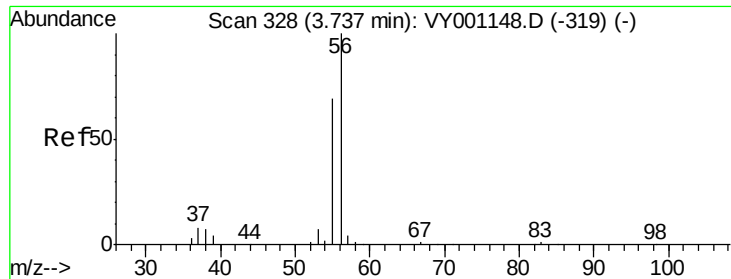


#12

1,1-Dichloroethene
Concen: 21.451 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	122.1	183.1
98	67.7	51.0	76.6





#13

Acrolein

Concen: 119.682 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 56 Resp: 20945

Ion Ratio Lower Upper

56 100

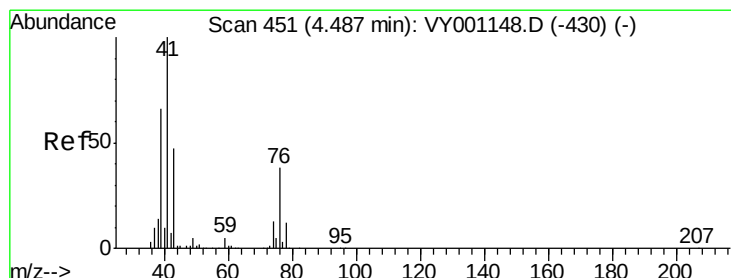
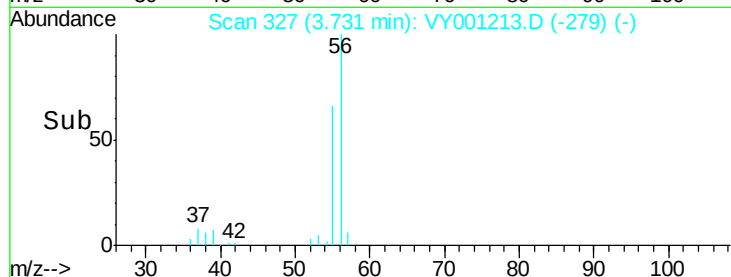
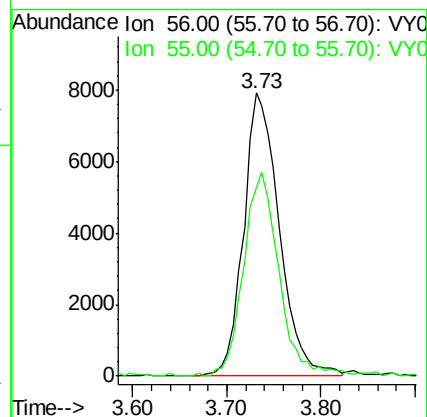
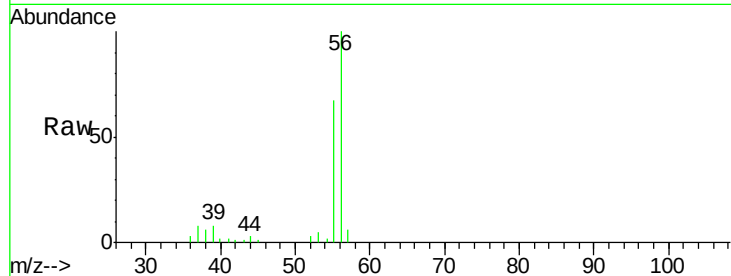
55 71.1 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.511 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

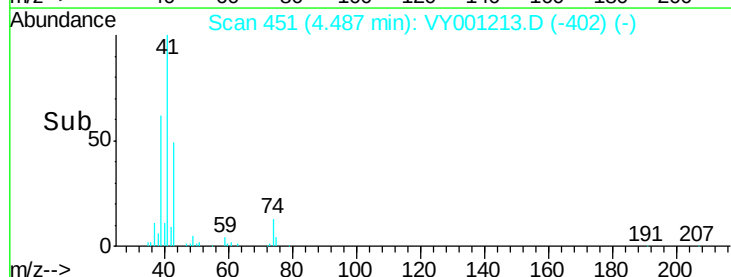
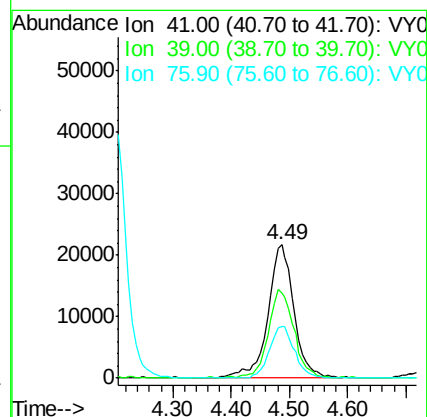
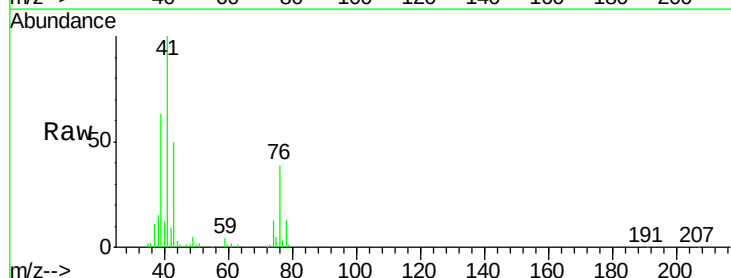
Tgt Ion: 41 Resp: 67895

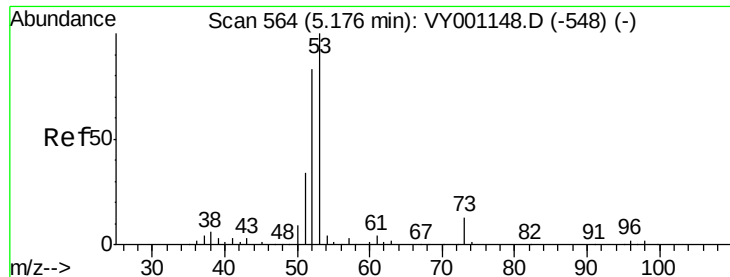
Ion Ratio Lower Upper

41 100

39 63.1 52.6 78.8

76 37.1 30.2 45.2





#15

Acrylonitrile

Concen: 113.506 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

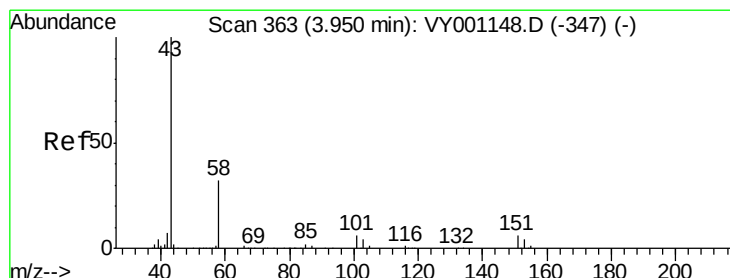
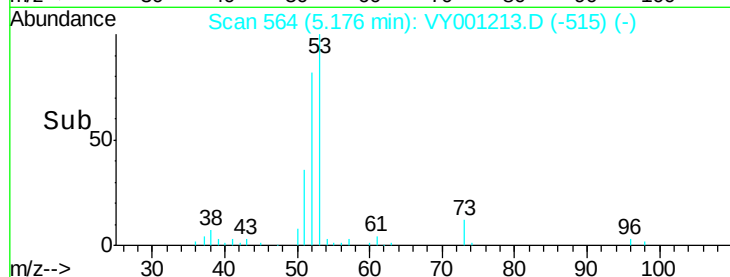
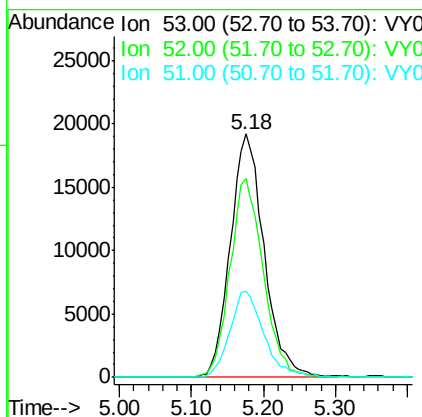
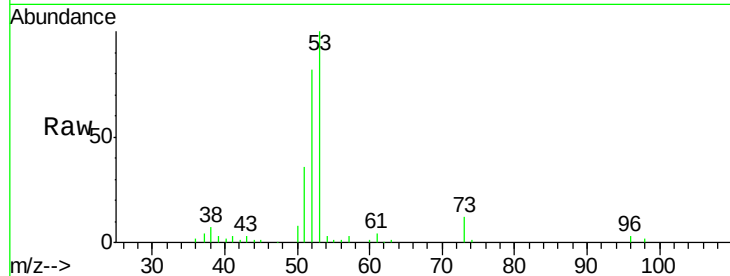
ClientSampleId :

VY0115SBS01

Tot Ion:	53	Resp:	62640
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.7	98.5
51	35.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 117.976 ug/l

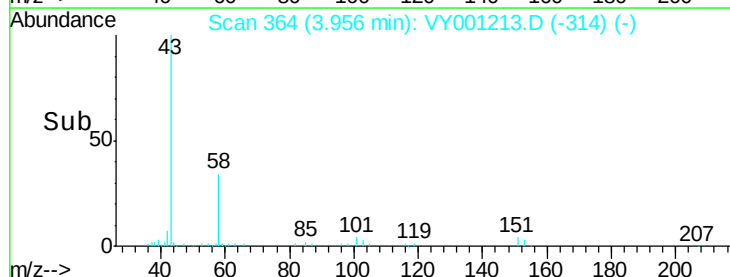
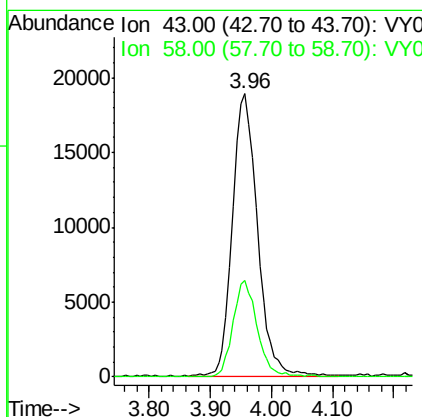
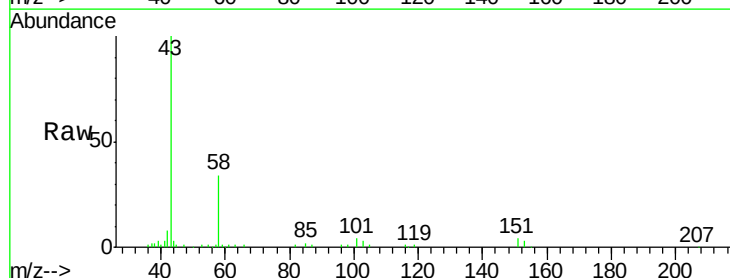
RT: 3.96 min Scan# 364

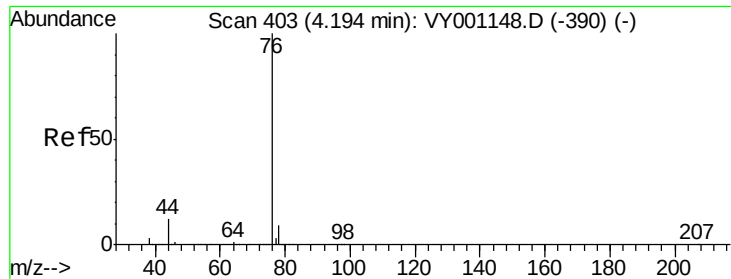
Delta R.T. 0.01 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	43	Resp:	52938
Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.8	38.6





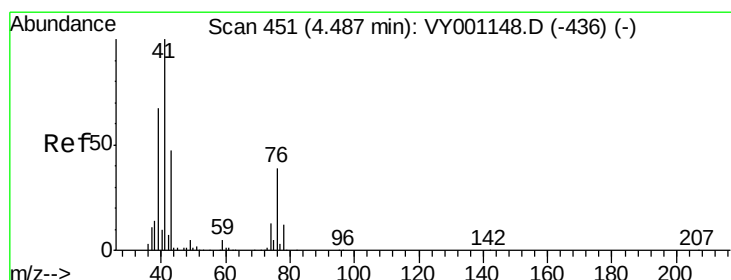
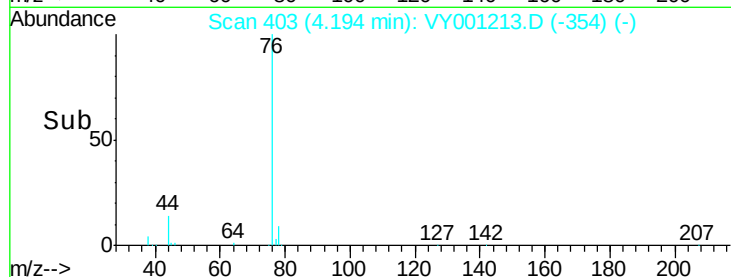
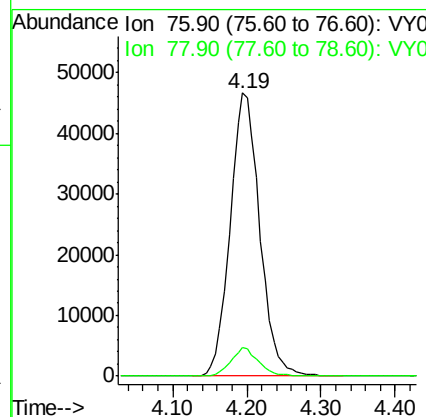
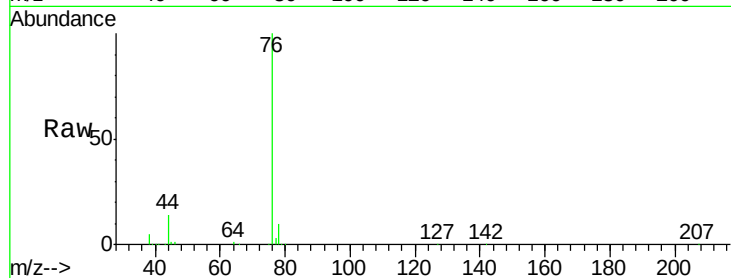
#17
Carbon Disulfide
Concen: 21.364 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8

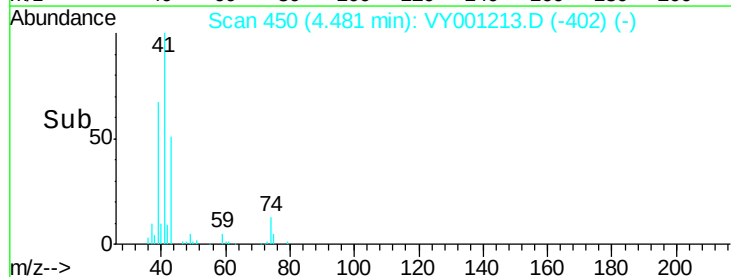
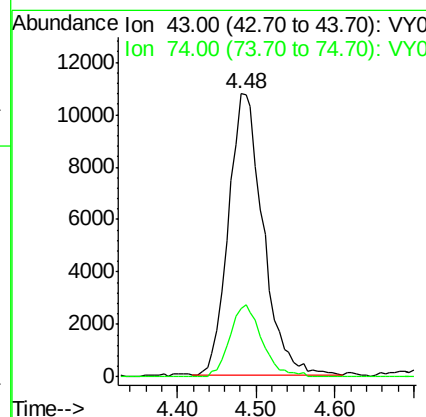
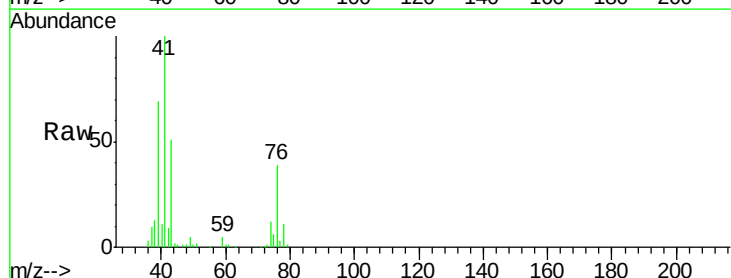
Manual Integrations
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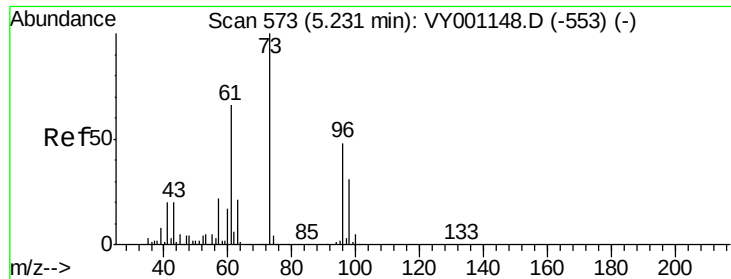
MMDadoda
1/16/2020 9:36:15 AM



#18
Methyl Acetate
Concen: 22.092 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	20.2	30.2





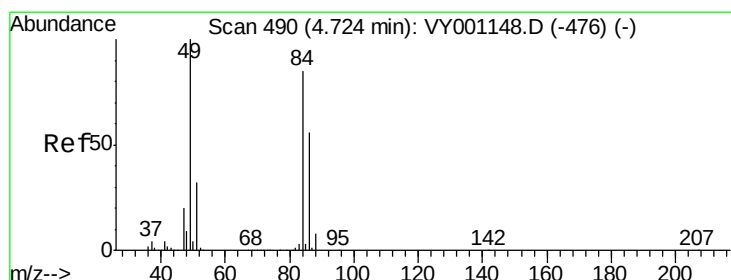
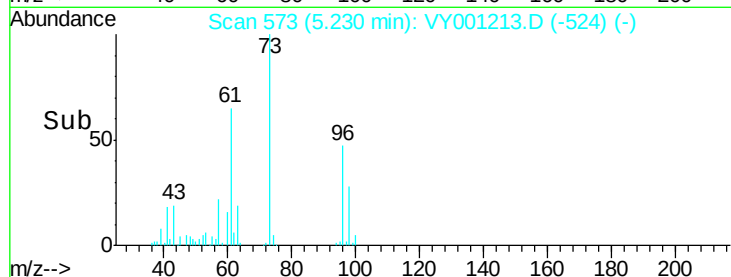
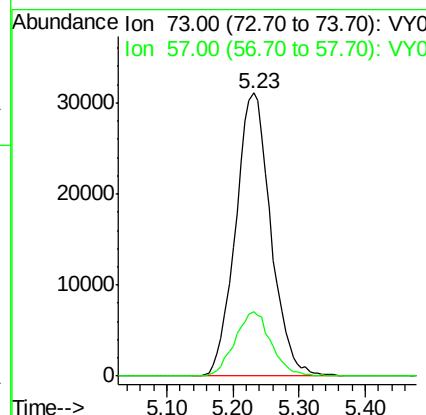
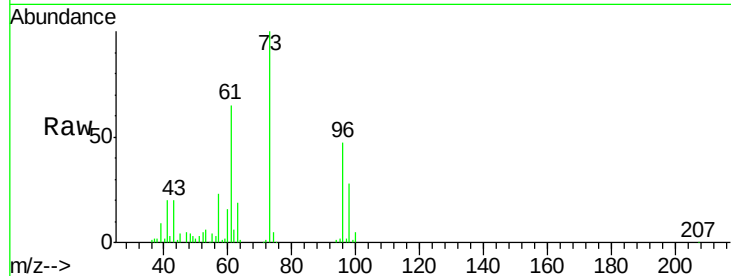
#19
Methyl tert-butyl Ether
Concen: 22.142 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion: 73 Resp: 114542
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6

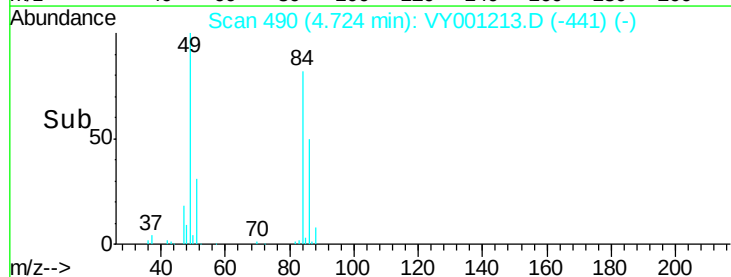
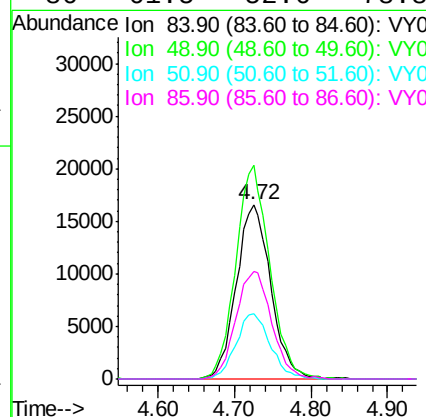
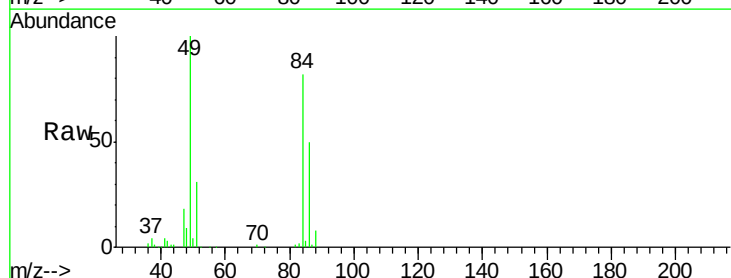
Manual Integrations
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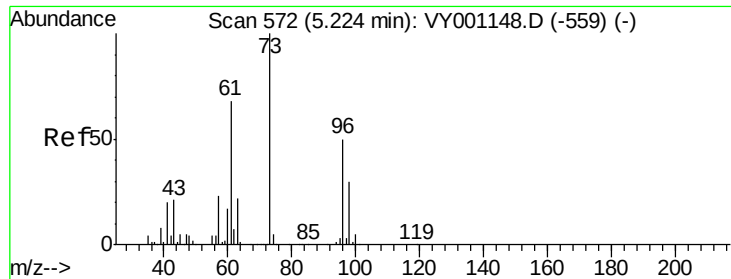
MMDadoda
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#20
Methylene Chloride
Concen: 21.658 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion: 84 Resp: 51836
Ion Ratio Lower Upper
84 100
49 122.3 93.8 140.6
51 37.5 29.9 44.9
86 61.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.610 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

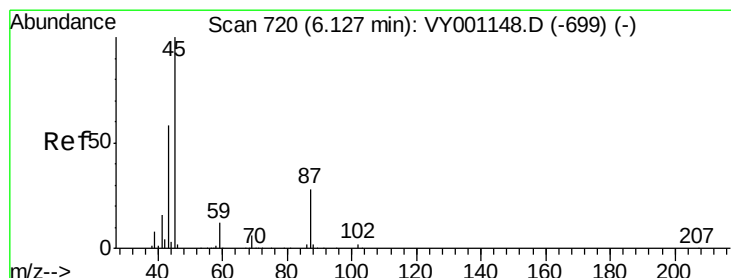
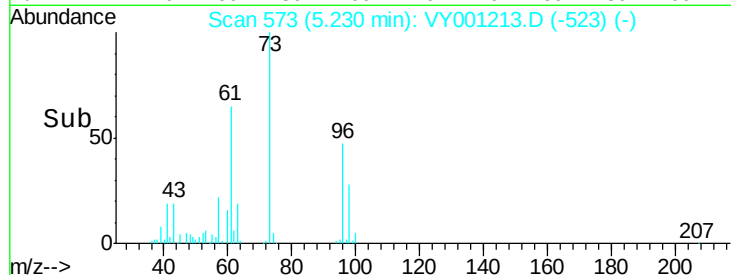
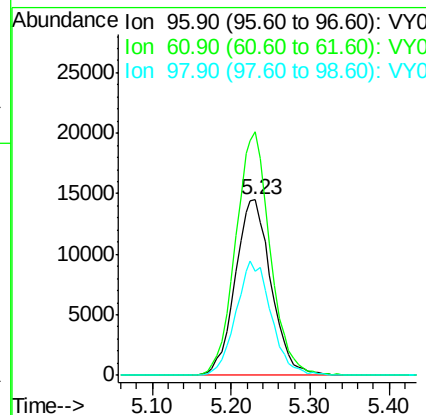
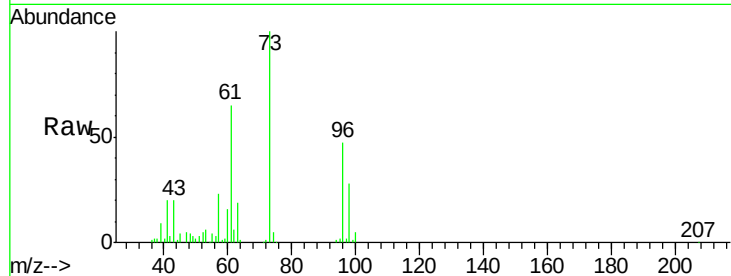
ClientSampleId :

VY0115SBS01

Tot Ion:	96	Resp:	45825
Ion	Ratio	Lower	Upper
96	100		
61	138.9	107.6	161.4
98	59.6	47.6	71.4

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#22

Diisopropyl ether

Concen: 21.668 ug/l

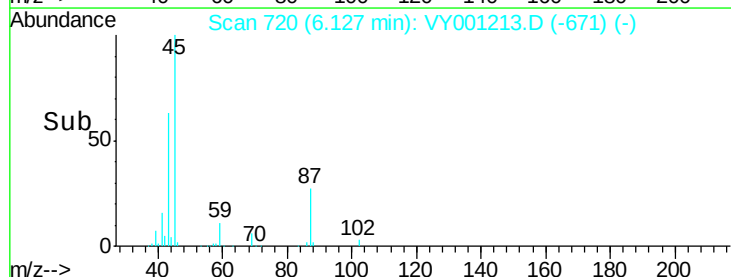
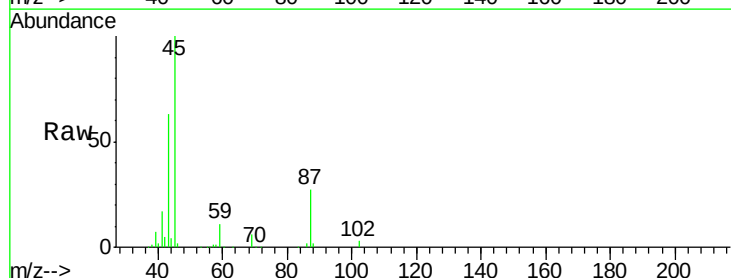
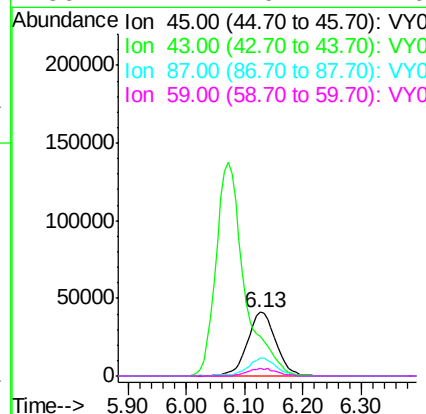
RT: 6.13 min Scan# 720

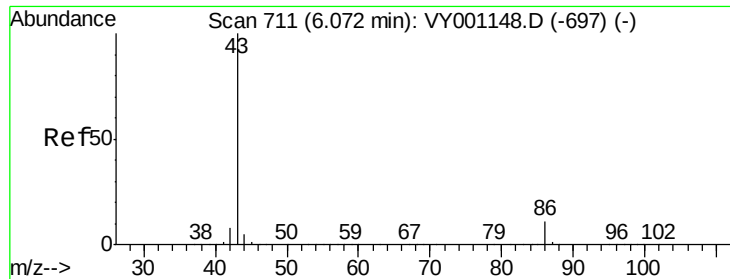
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	45	Resp:	139687
Ion	Ratio	Lower	Upper
45	100		
43	62.4	46.5	69.7
87	27.5	22.5	33.7
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 112.877 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 43 Resp: 465385

Ion Ratio Lower Upper

43 100

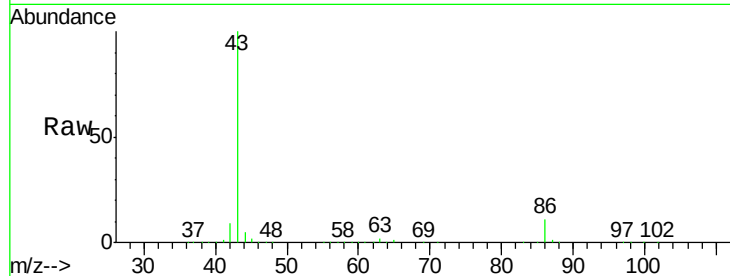
86 11.0 9.0 13.4

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

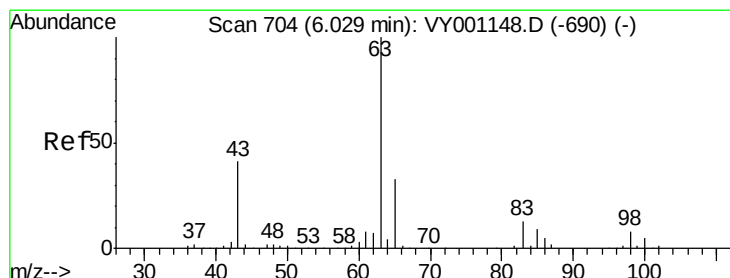
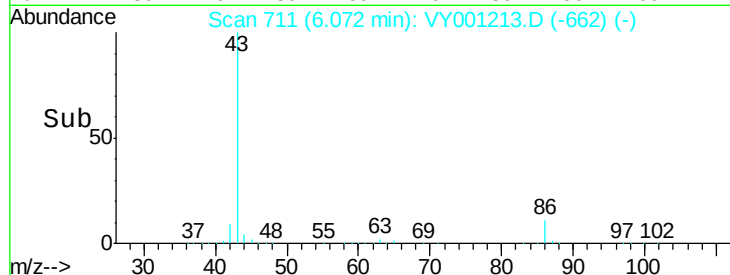
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 22.204 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

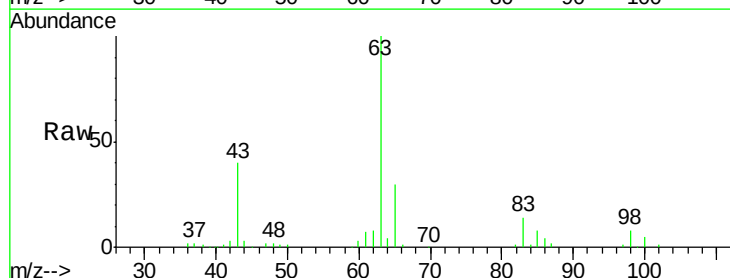
Tgt Ion: 63 Resp: 78363

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 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

6.03

30000

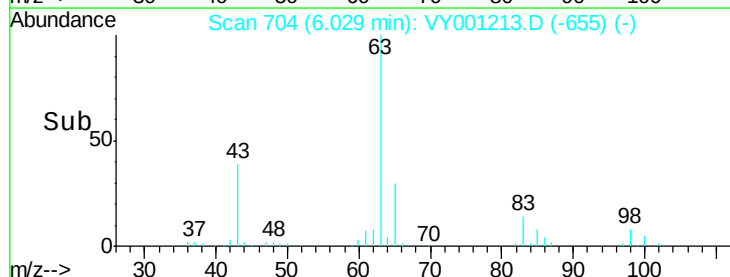
20000

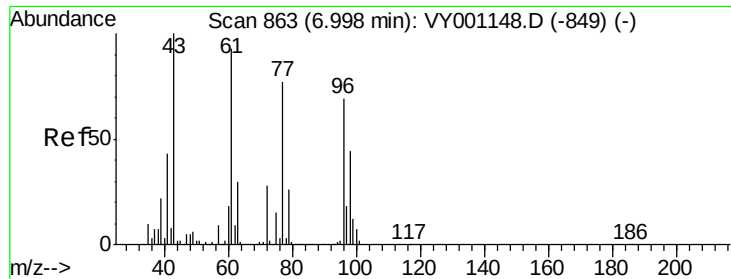
10000

0

5.90 6.10 6.20

Time-->





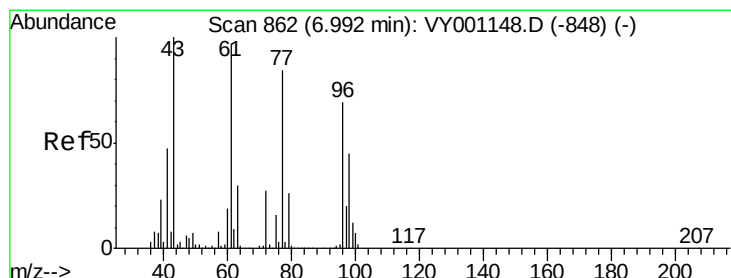
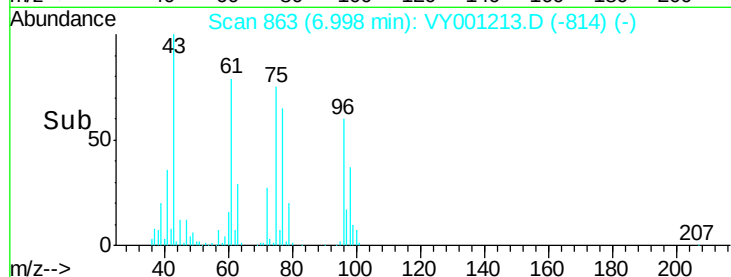
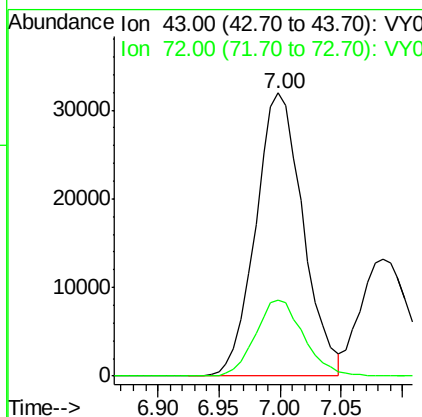
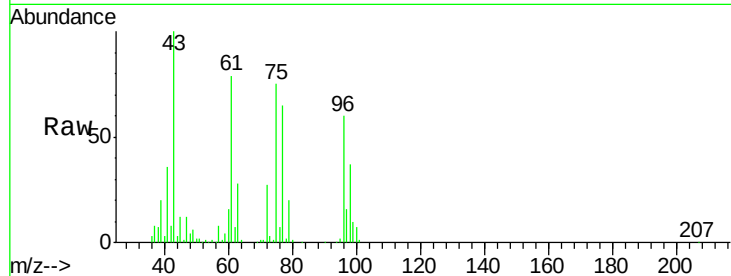
#25
2-Butanone
Concen: 123.286 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion: 43 Resp: 86098
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2

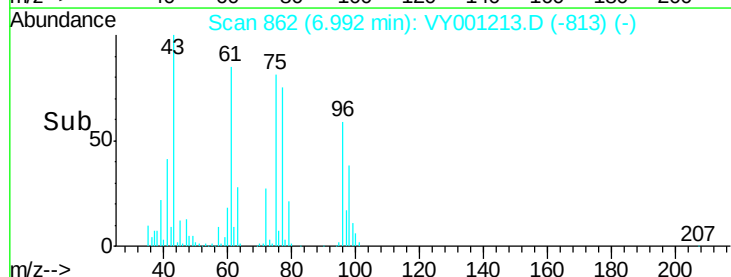
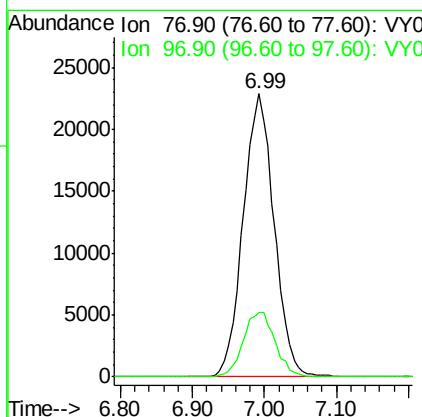
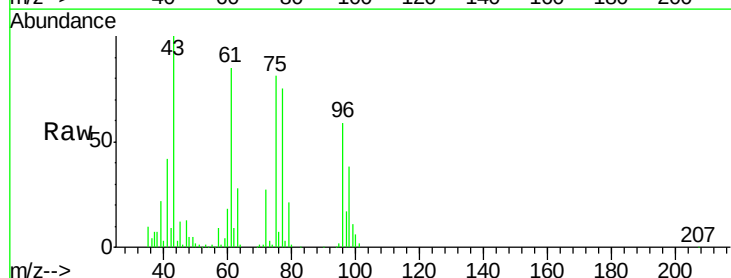
Manual Integrations
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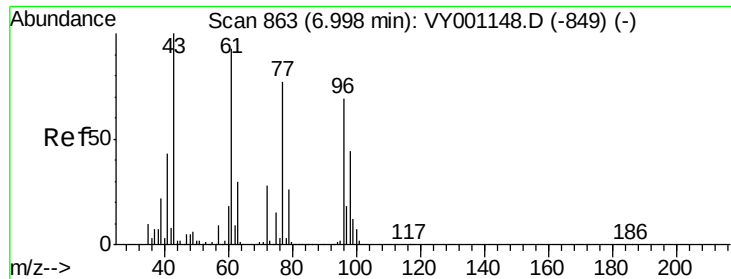
MMDadoda
1/16/2020 9:36:15 AM



#26
2,2-Dichloropropane
Concen: 20.986 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion: 77 Resp: 68111
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.7





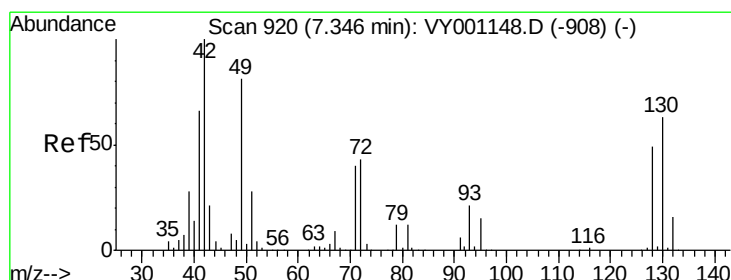
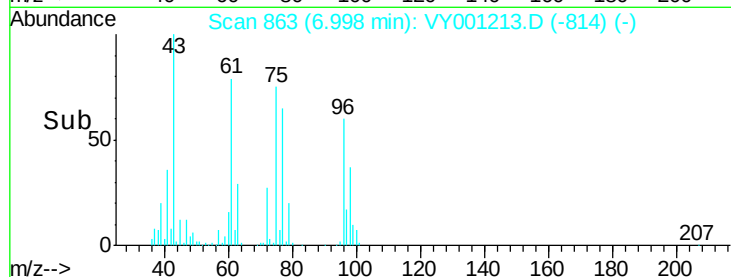
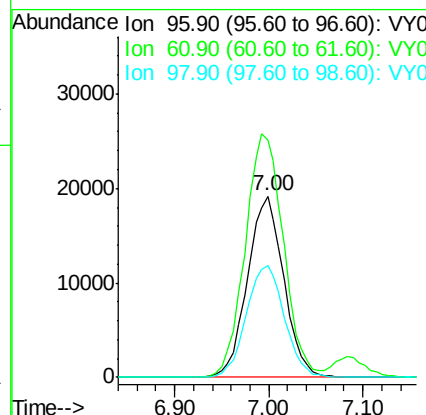
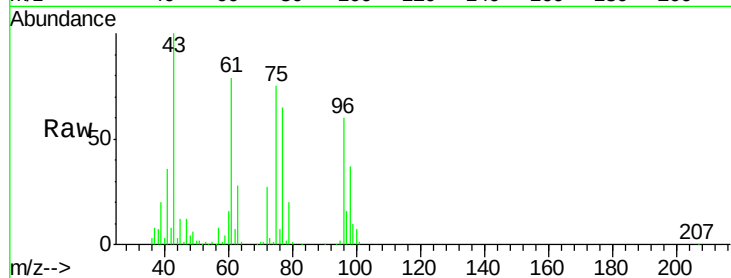
#27
 cis-1,2-Dichloroethene
 Concen: 22.197 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	284.0
98	64.7	0.0	130.2

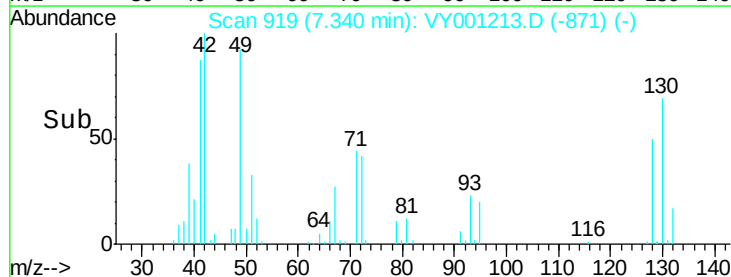
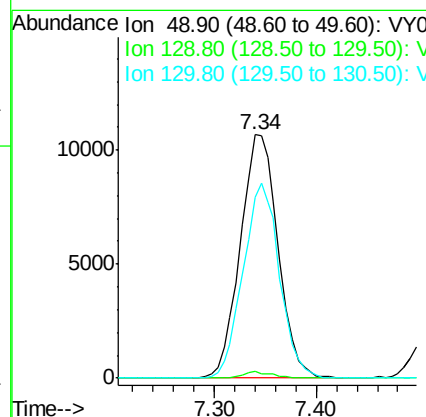
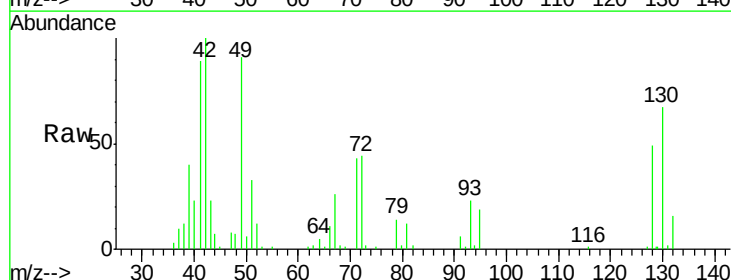
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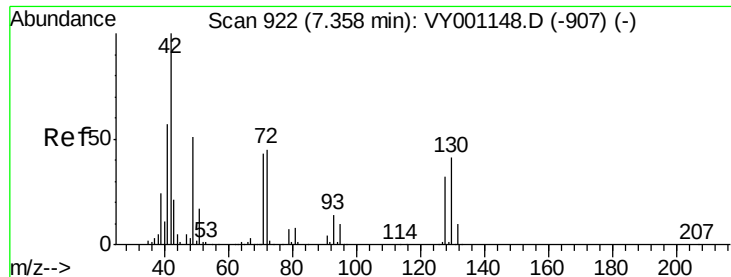
MMDadoda
 1/16/2020 9:36:15 AM



#28
 Bromochloromethane
 Concen: 18.903 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.2	61.2	91.8





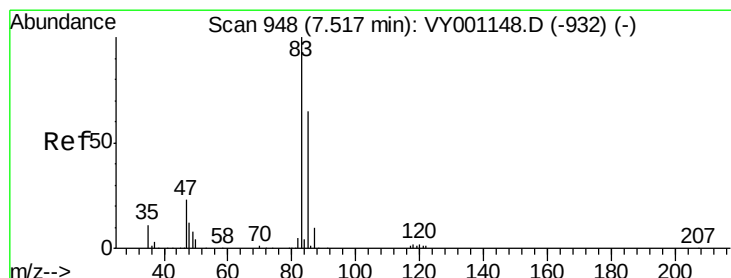
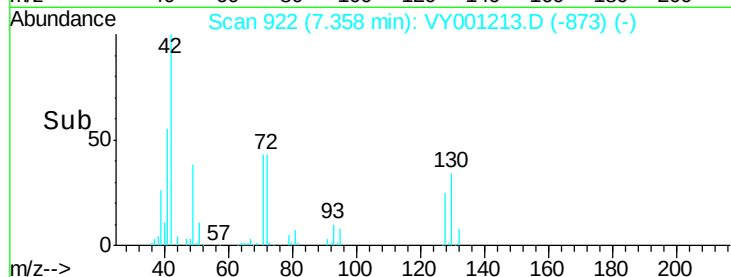
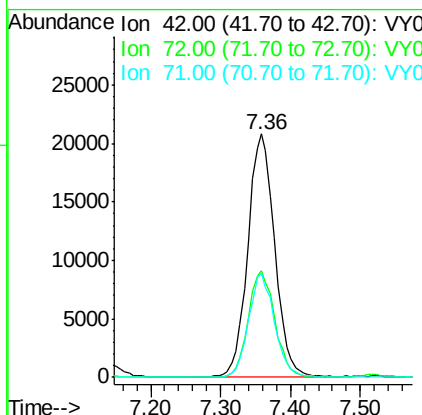
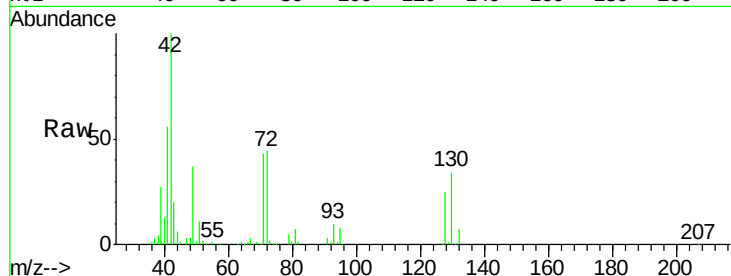
#29
Tetrahydrofuran
Concen: 116.181 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	36.9	55.3
71	41.0	34.0	51.0

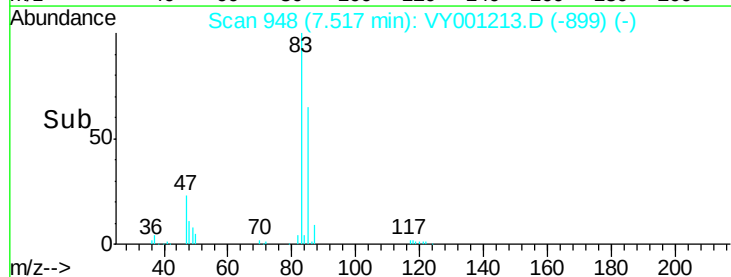
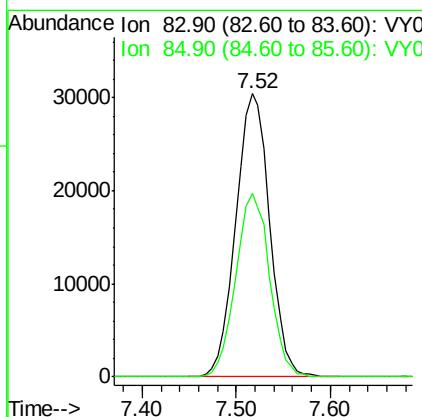
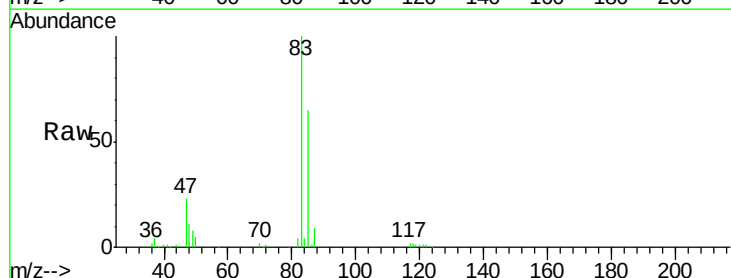
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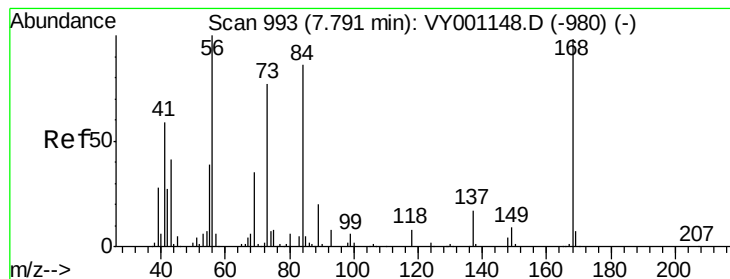
MMDadoda
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#30
Chloroform
Concen: 22.059 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31

Cyclohexane

Concen: 20.538 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 56 Resp: 76746

Ion Ratio Lower Upper

56 100

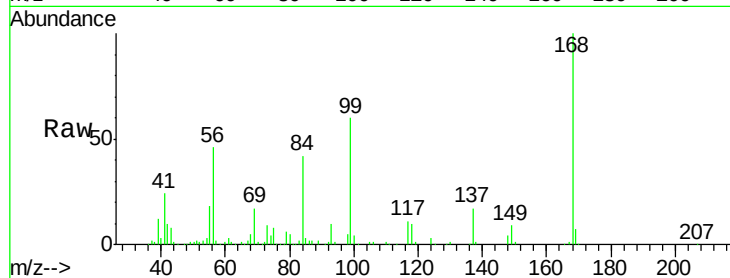
69 36.7 27.8 41.8

84 91.7 68.9 103.3

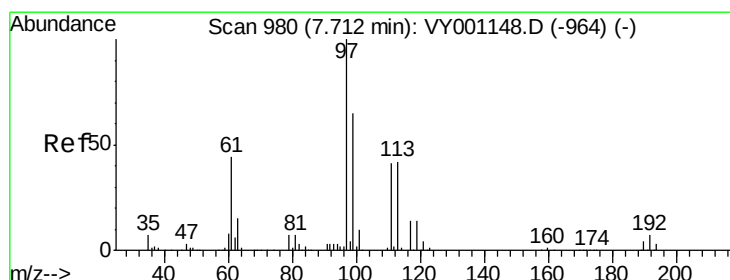
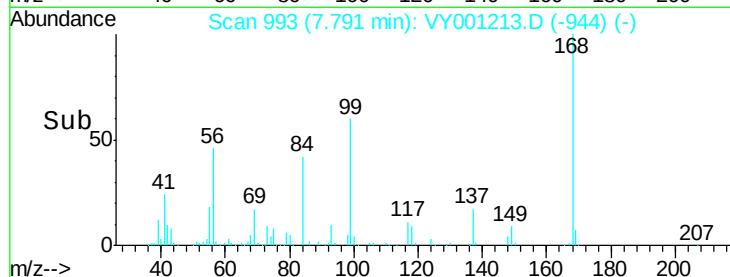
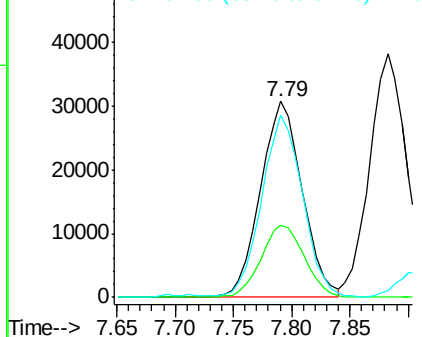
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.136 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

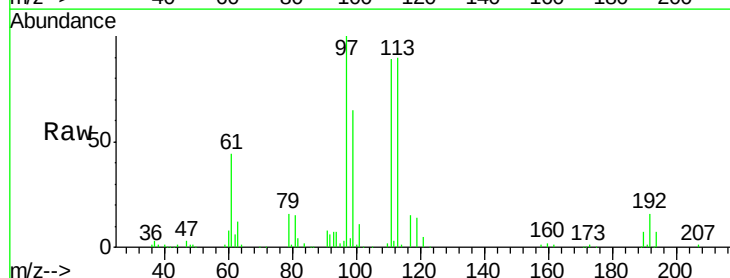
Tgt Ion: 97 Resp: 64851

Ion Ratio Lower Upper

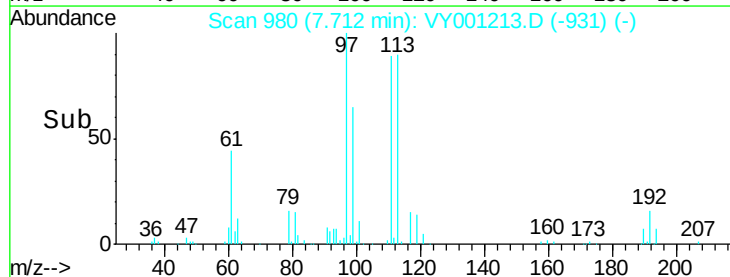
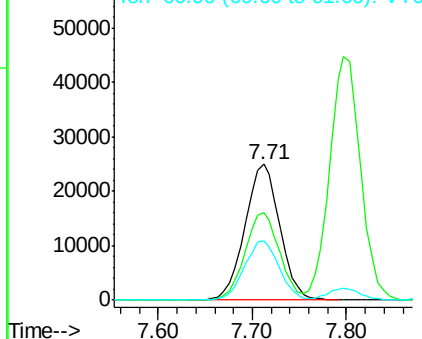
97 100

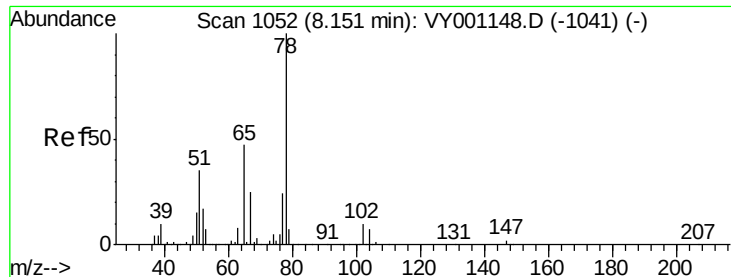
99 63.8 51.3 76.9

61 43.4 34.6 52.0



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





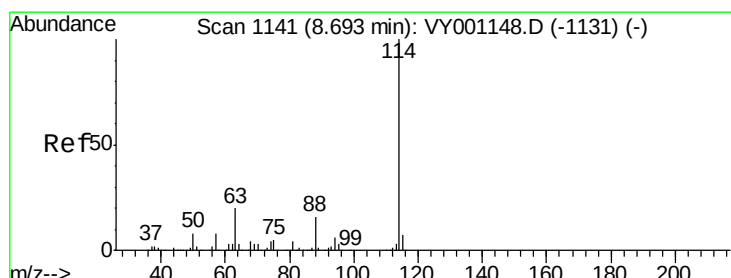
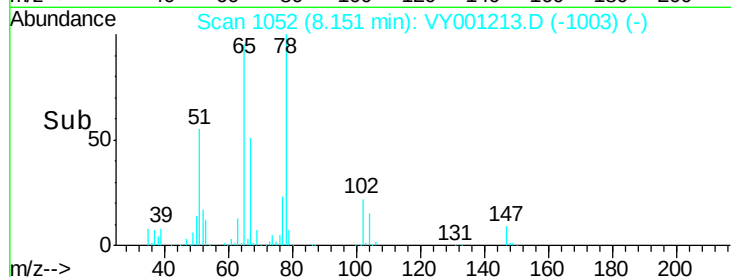
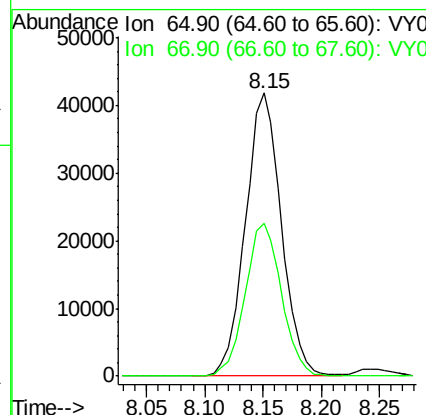
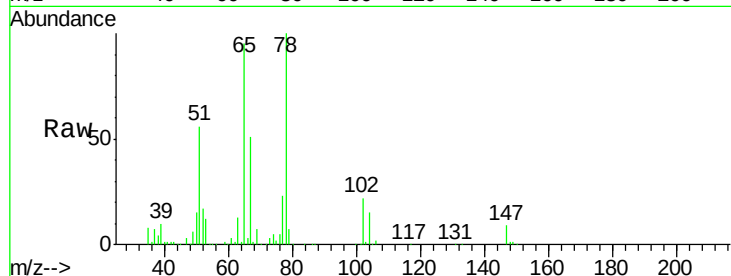
#33
 1,2-Dichloroethane-d4
 Concen: 46.446 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.6	0.0	105.2	

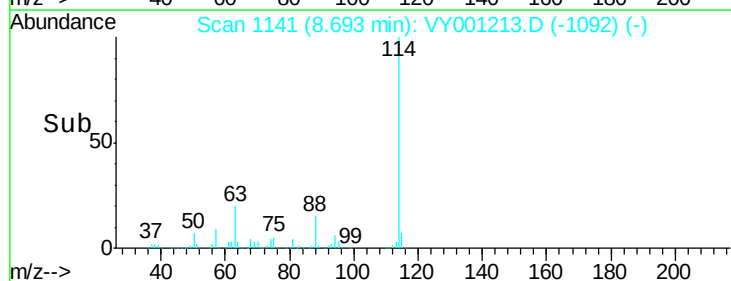
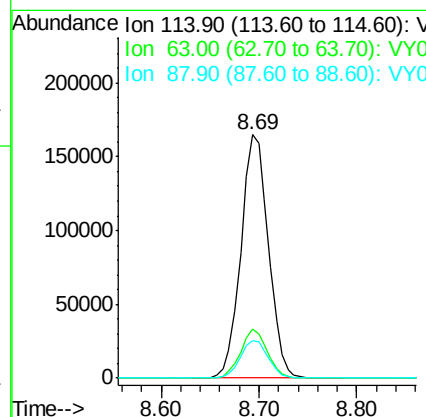
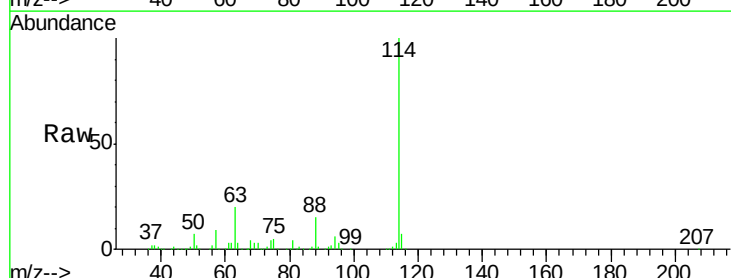
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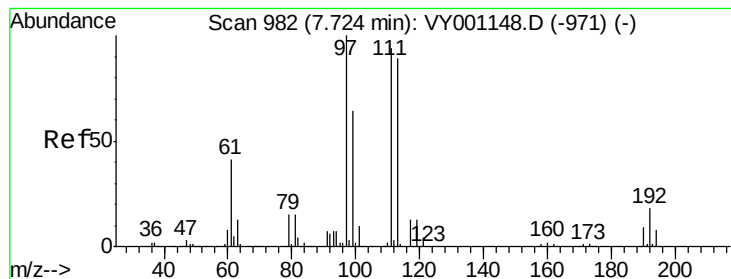
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	40.8	
88	15.5	0.0	32.4	





#35

Dibromofluoromethane

Concen: 45.488 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

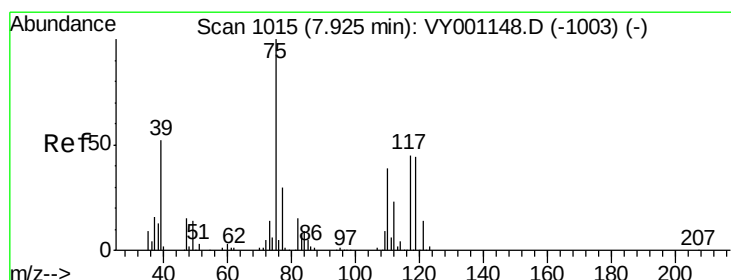
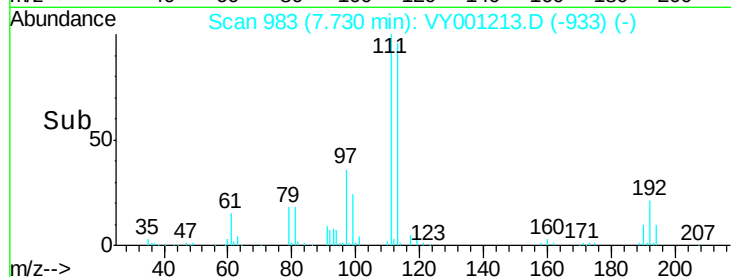
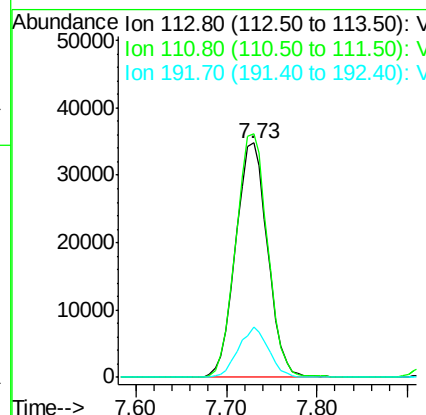
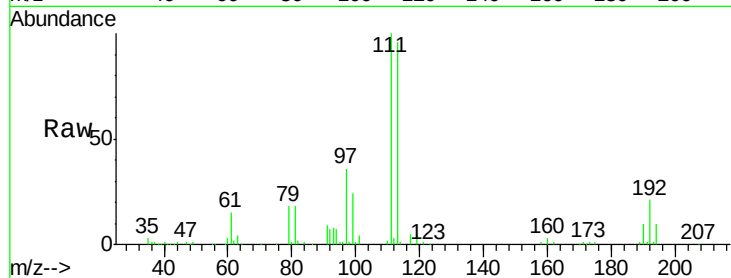
ClientSampleId :

VY0115SBS01

Tot Ion:	113	Resp:	85438
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.0	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.077 ug/l

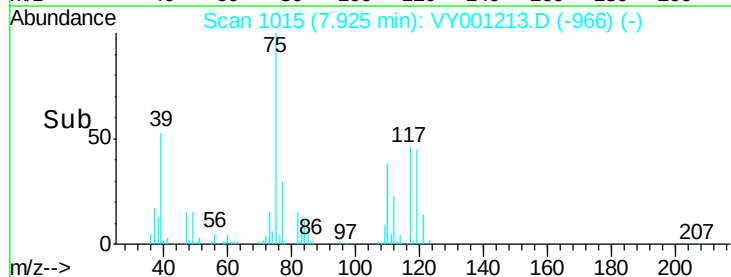
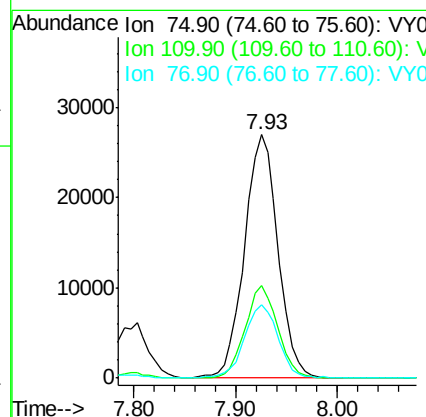
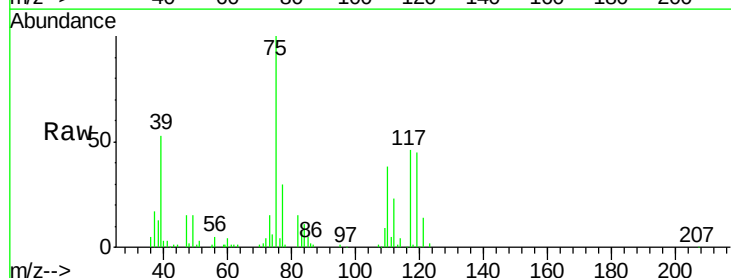
RT: 7.93 min Scan# 1015

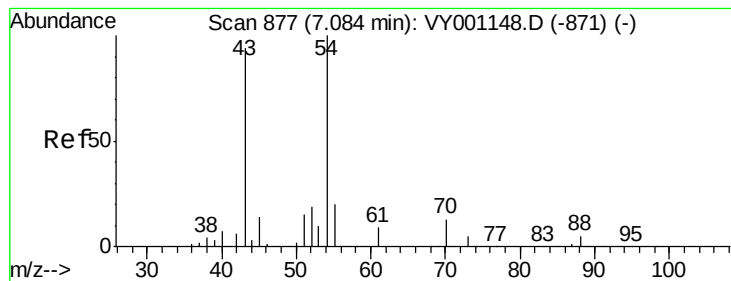
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	75	Resp:	61626
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	30.5	25.1	37.7





#37

Ethyl Acetate

Concen: 21.838 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

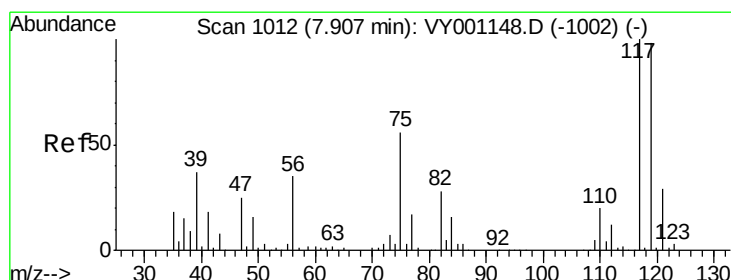
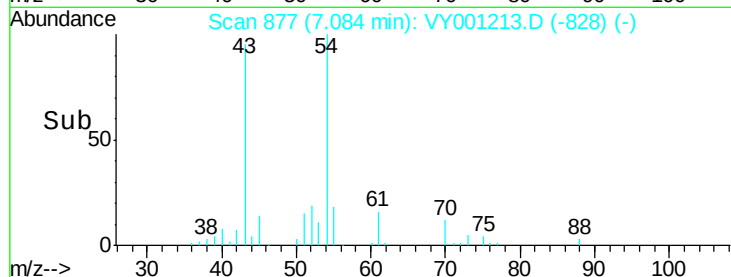
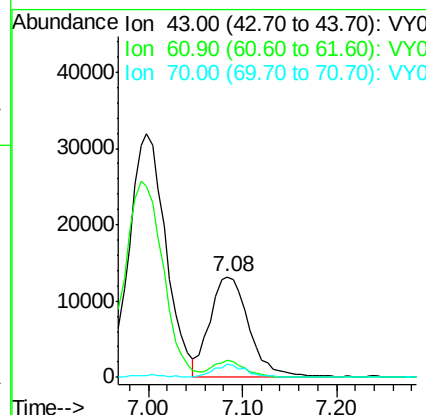
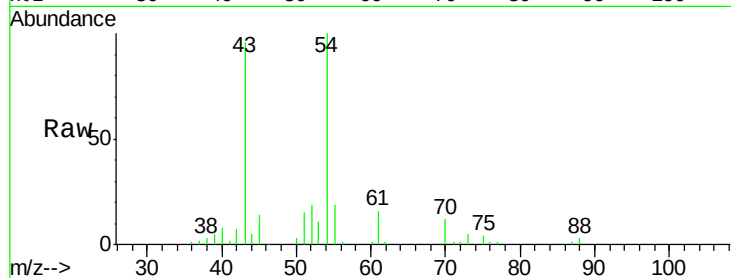
ClientSampleId :

VY0115SBS01

Tot Ion:	43	Resp:	37473
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.7	9.7	14.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.906 ug/l

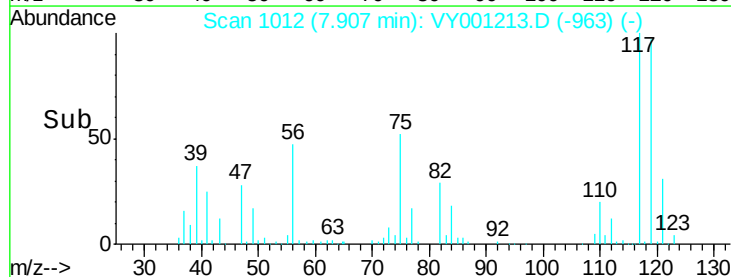
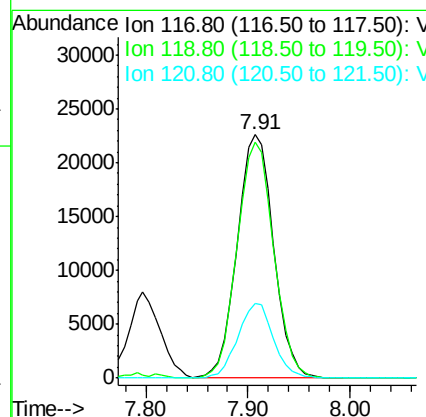
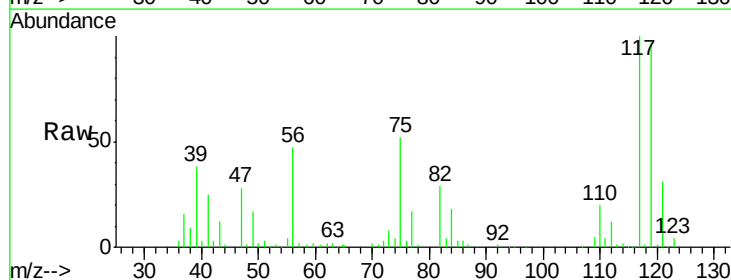
RT: 7.91 min Scan# 1012

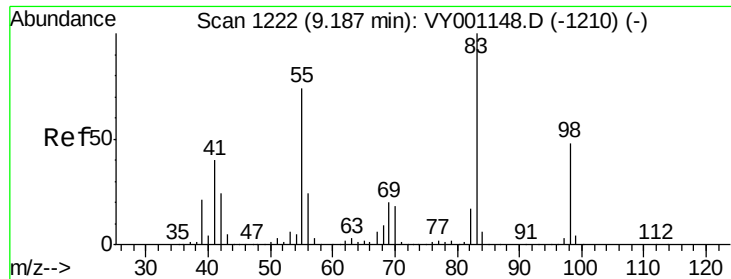
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	117	Resp:	56019
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.3	117.5
121	30.9	23.5	35.3





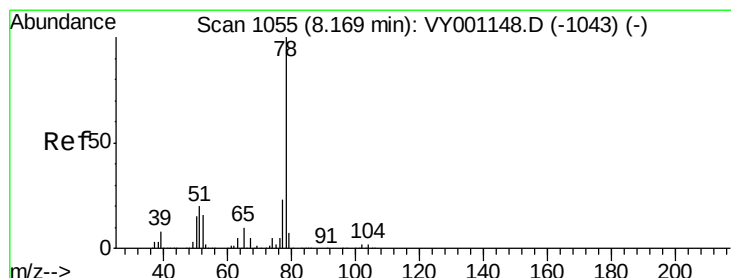
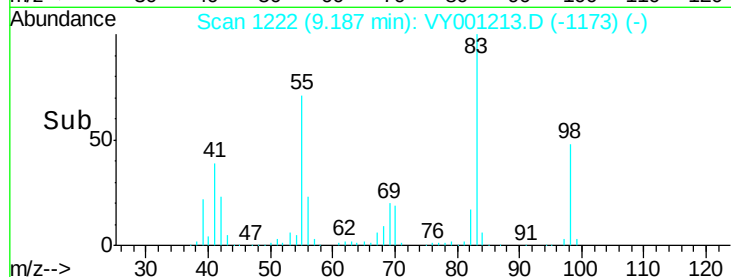
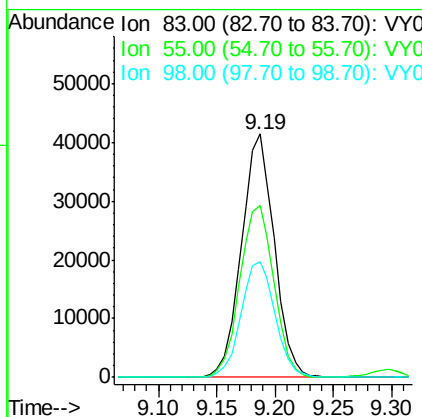
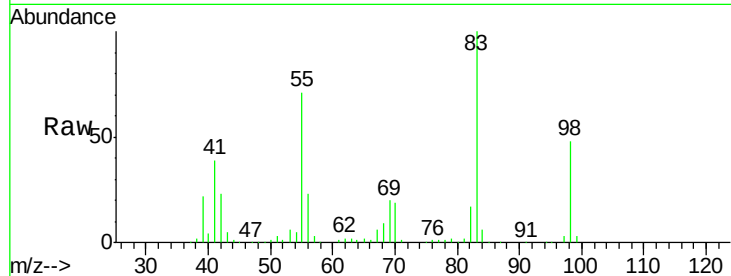
#39
Methylvlcyclohexane
Concen: 20.502 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	58.9	88.3
98	47.6	38.4	57.6

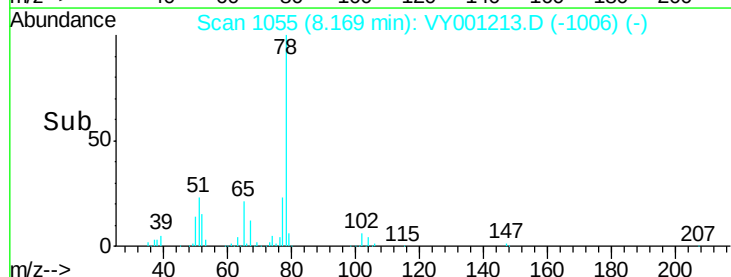
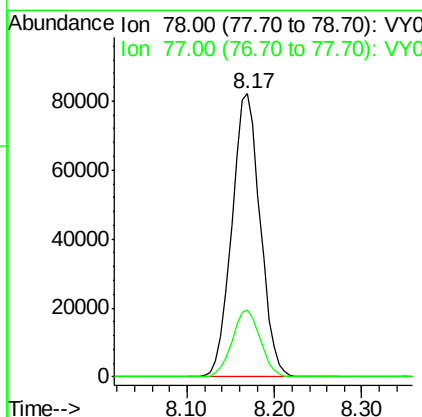
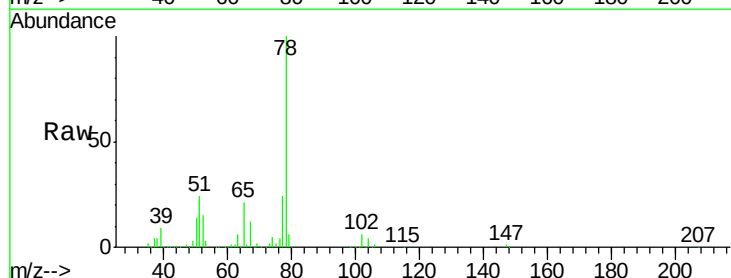
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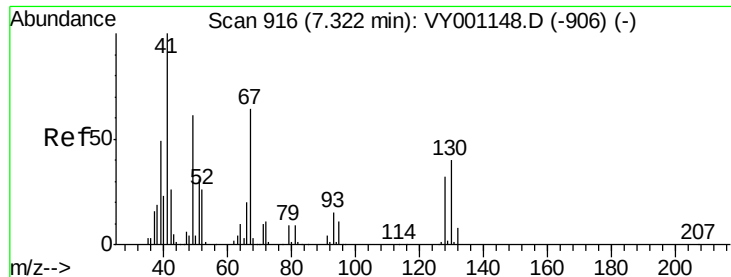
MMDadoda
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#40
Benzene
Concen: 21.666 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 20.807 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.01 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 41 Resp: 16771

Ion Ratio Lower Upper

41 100

39 0.0 103.5 155.3#

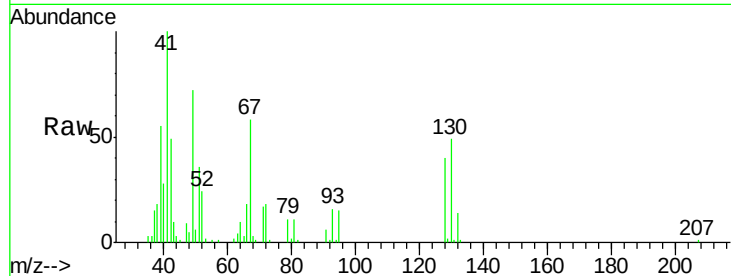
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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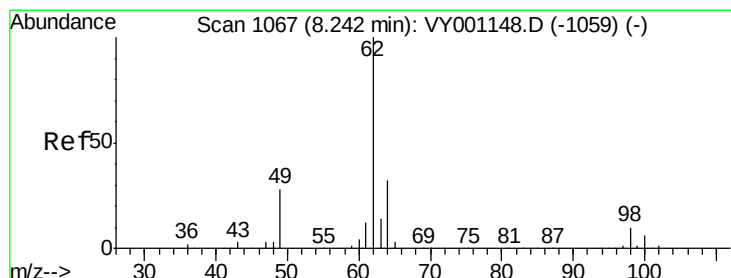
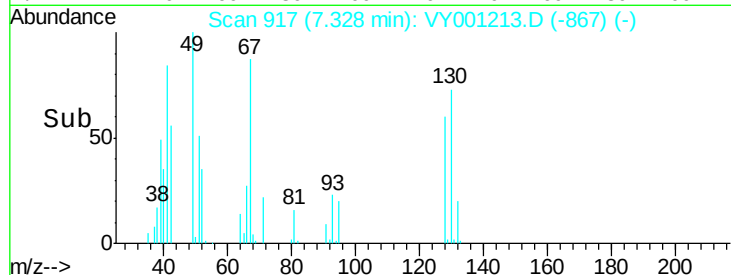
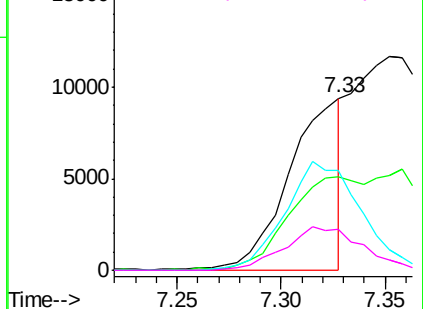


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.129 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY001213.D

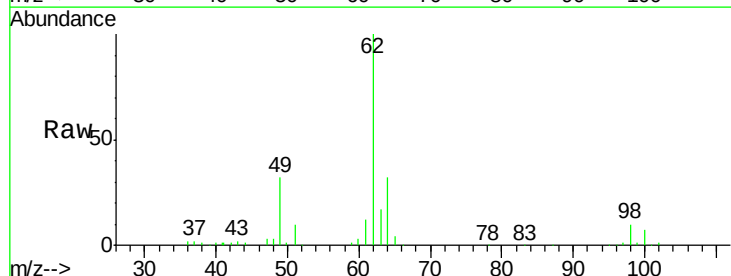
Acq: 15 Jan 2020 13:26

Tgt Ion: 62 Resp: 50496

Ion Ratio Lower Upper

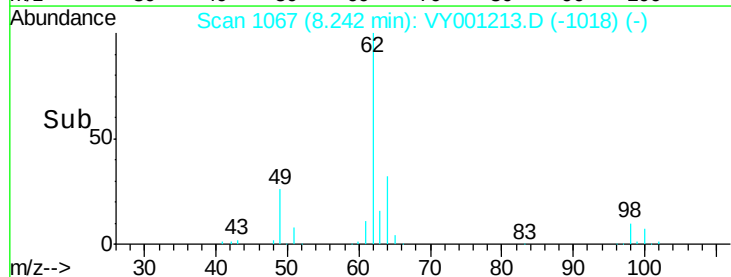
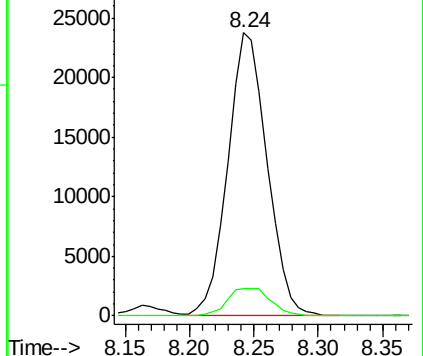
62 100

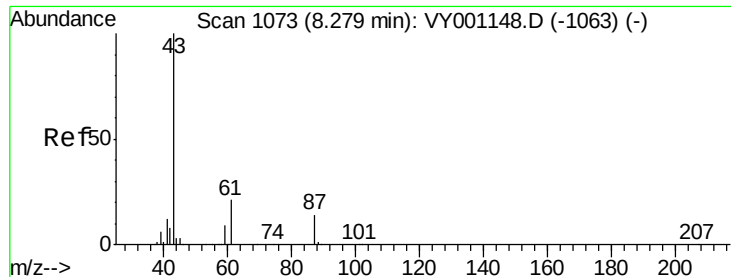
98 10.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





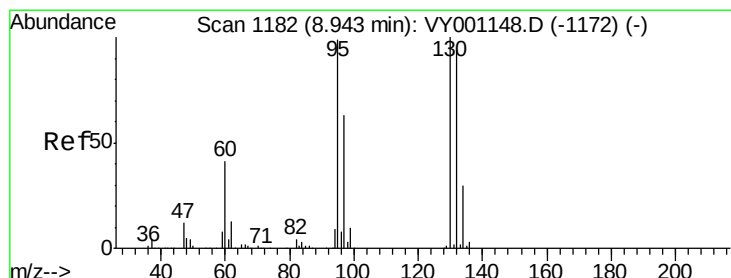
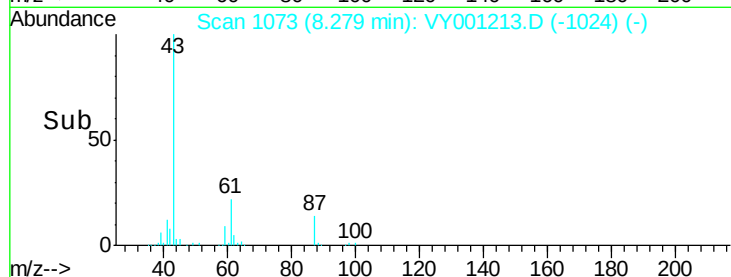
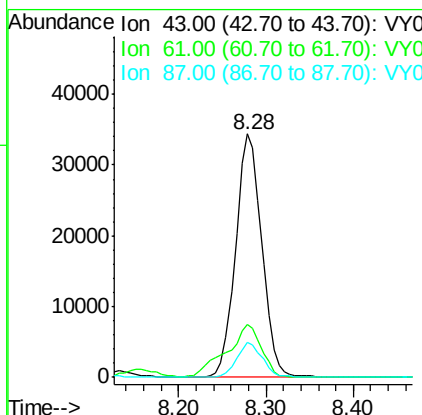
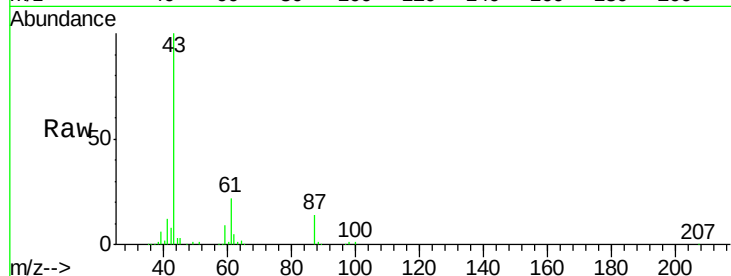
#43
Isopropyl Acetate
Concen: 21.879 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.9	35.9
87	13.8	11.4	17.2

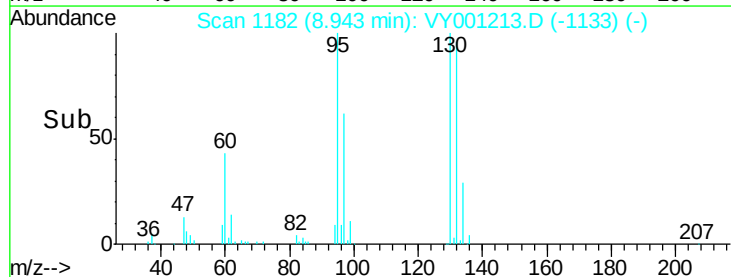
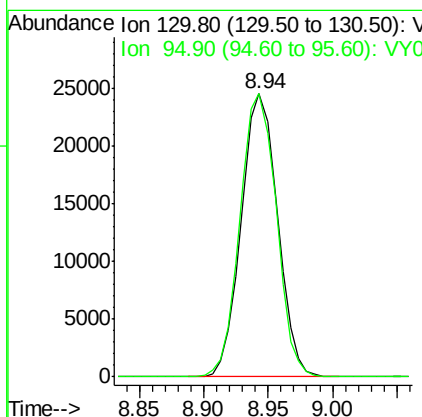
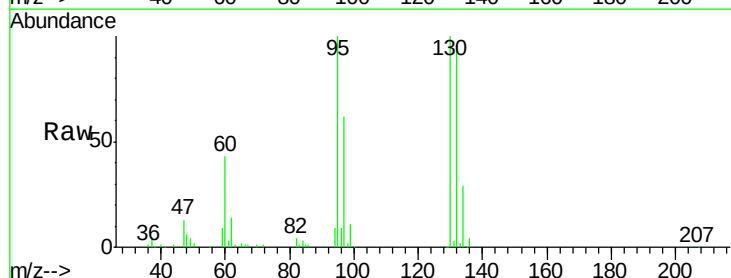
Manual Integrations
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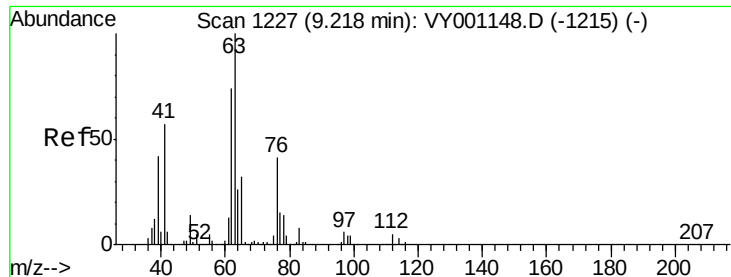
MMDadoda
1/16/2020 9:36:15 AM



#44
Trichloroethene
Concen: 21.579 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	197.6





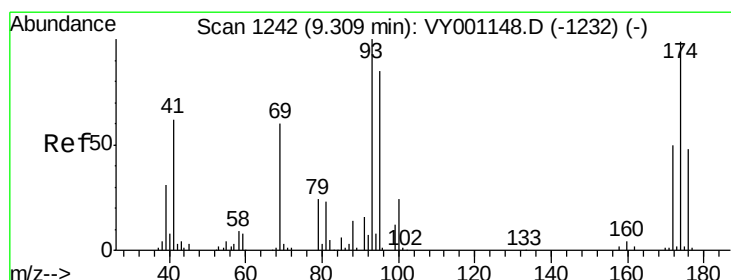
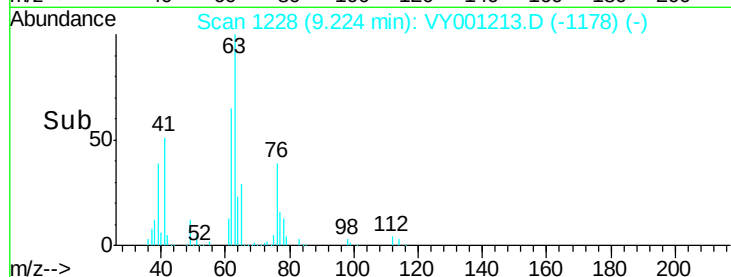
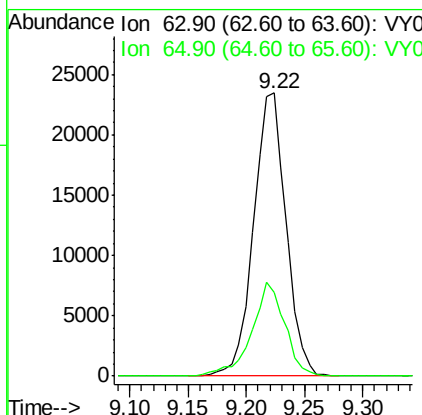
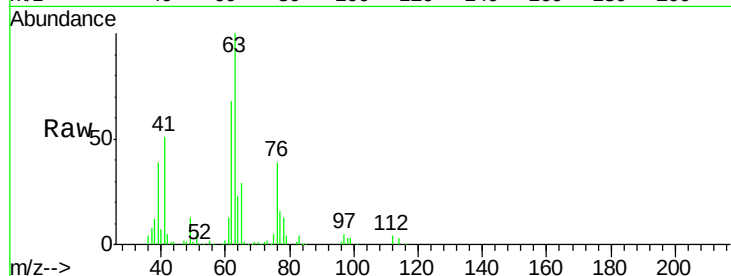
#45
 1,2-Dichloropropane
 Concen: 21.616 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion: 63 Resp: 45609
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.8 38.8

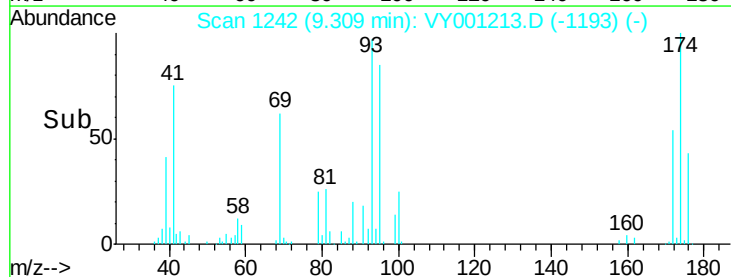
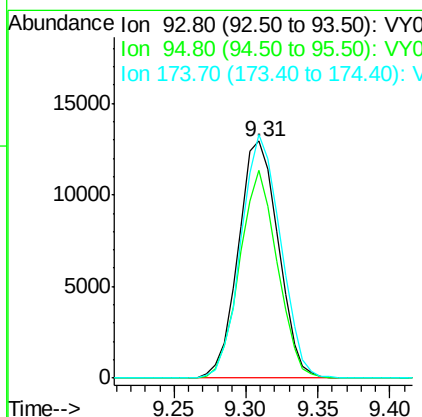
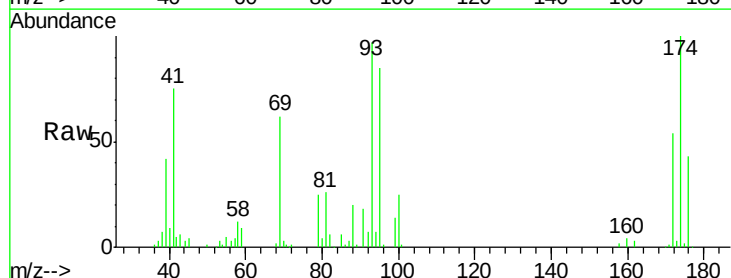
Manual Integrations
 APPROVED

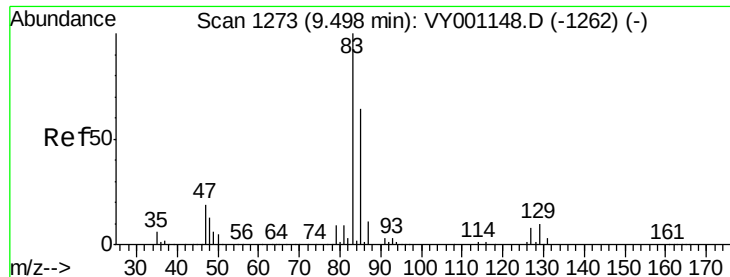
MMDadoda
 1/16/2020 9:36:15 AM



#46
 Dibromomethane
 Concen: 21.698 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion: 93 Resp: 24980
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.8 100.2
 174 101.3 78.4 117.6





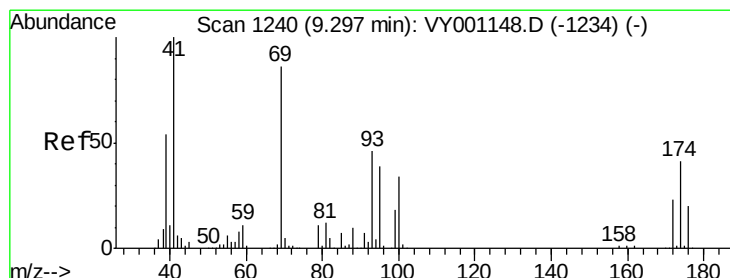
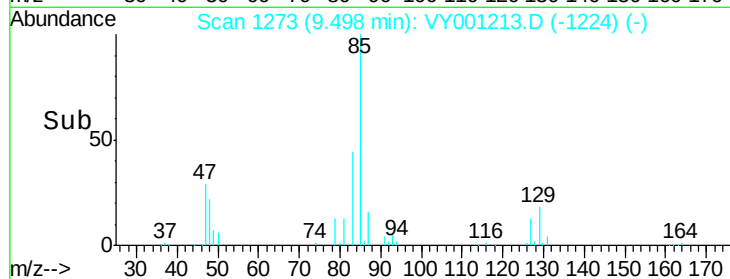
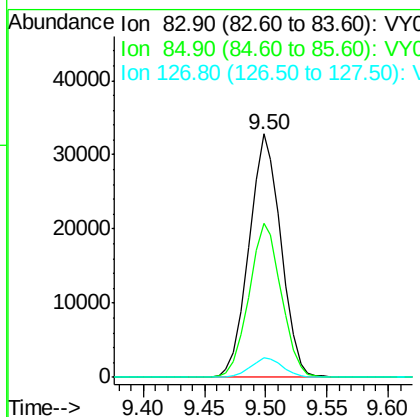
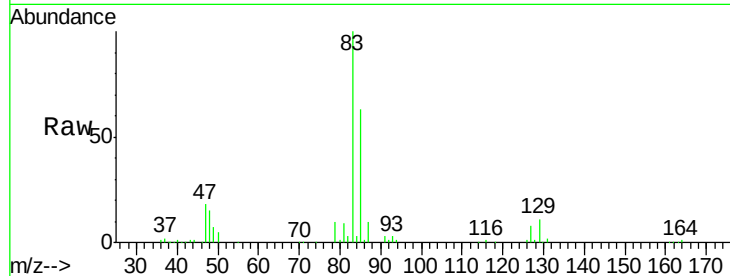
#47
Bromodichloromethane
Concen: 21.219 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3
127	7.9	6.3	9.5

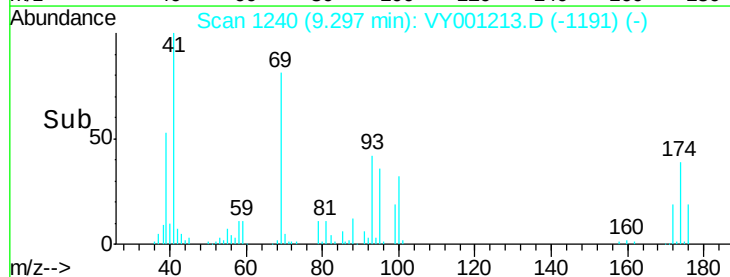
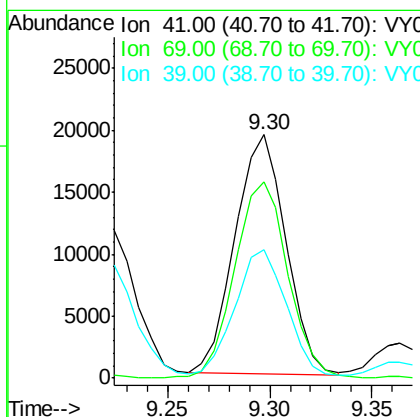
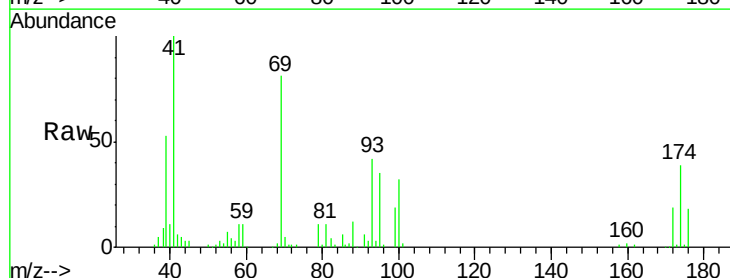
Manual Integrations
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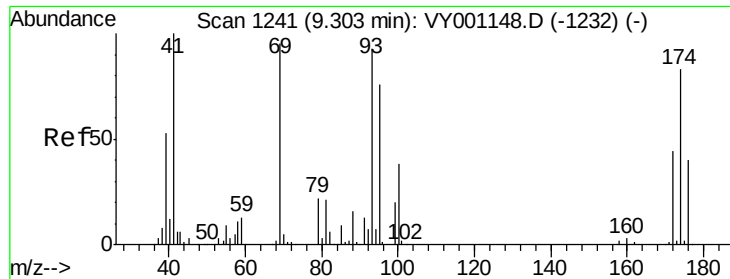
MMDadoda
1/16/2020 9:36:15 AM



#48
Methyl methacrylate
Concen: 21.966 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.9	69.8	104.8
39	55.6	45.2	67.8





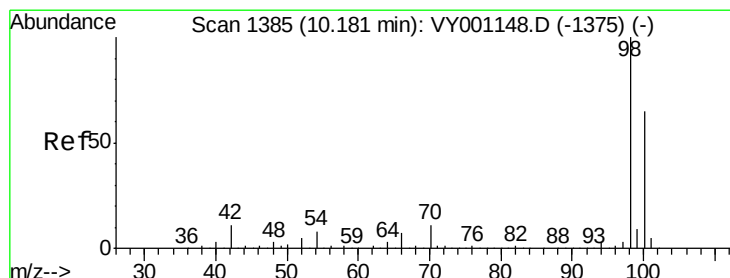
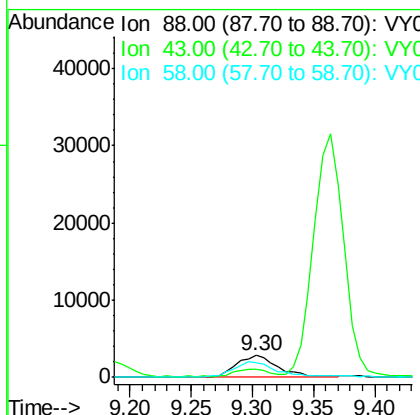
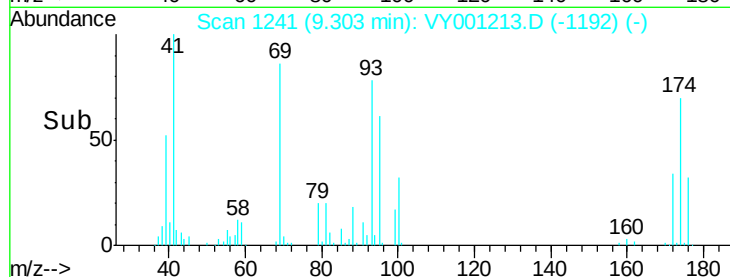
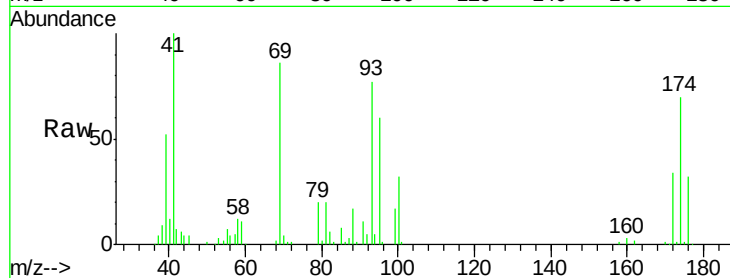
#49
 1,4-Dioxane
 Concen: 487.936 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	22.4	33.6#
58	73.0	58.0	87.0

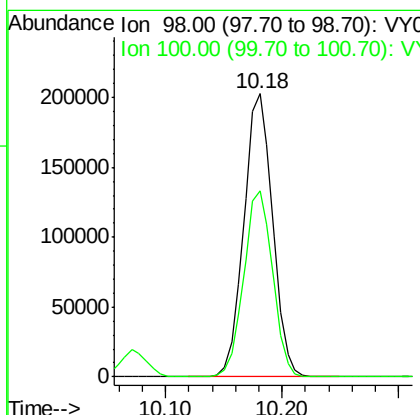
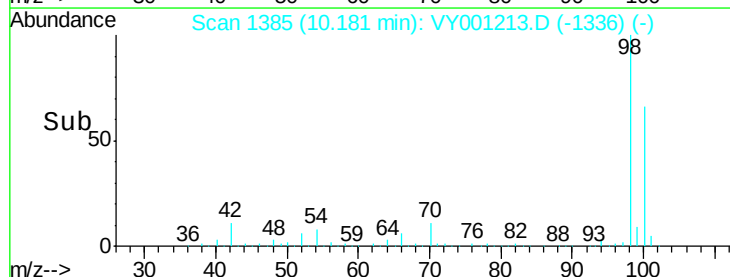
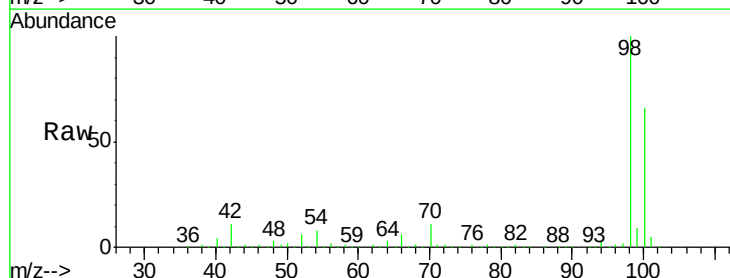
Manual Integrations
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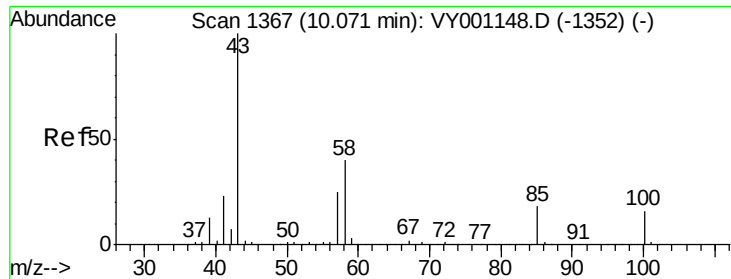
MMDadoda
 1/16/2020 9:36:15 AM



#50
 Toluene-d8
 Concen: 48.274 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





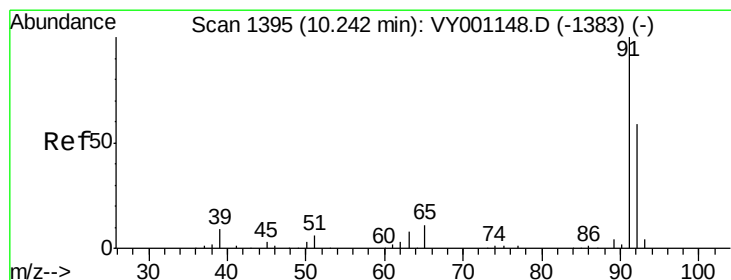
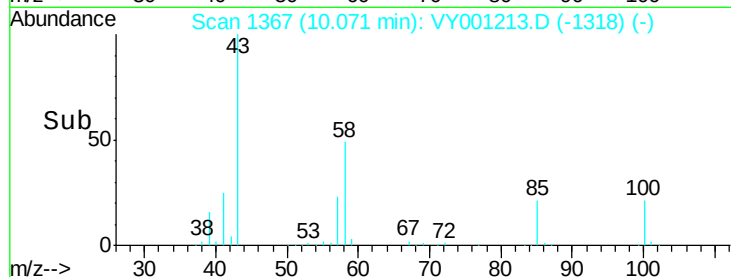
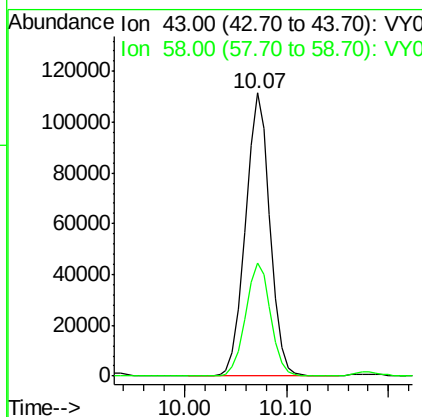
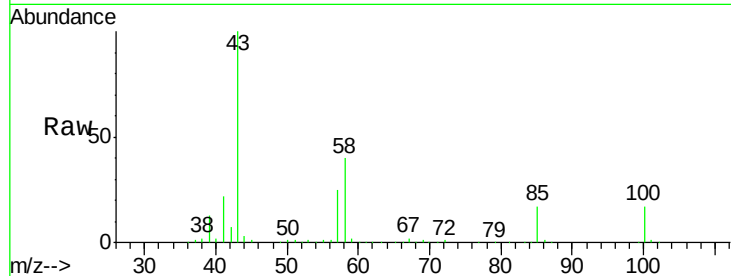
#51
4-Methyl-2-Pentanone
Concen: 111.635 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	43	58	Resp	185865
Ion Ratio	100	40.8	Lower	Upper
			32.3	48.5

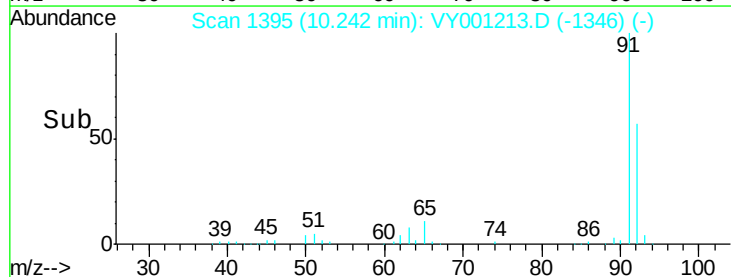
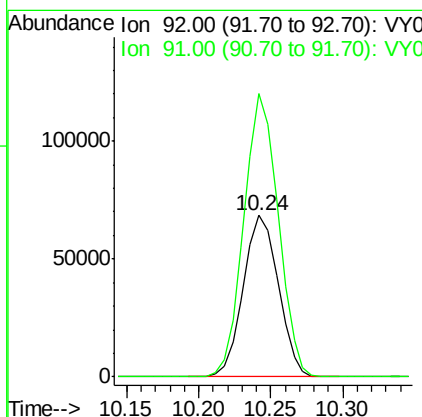
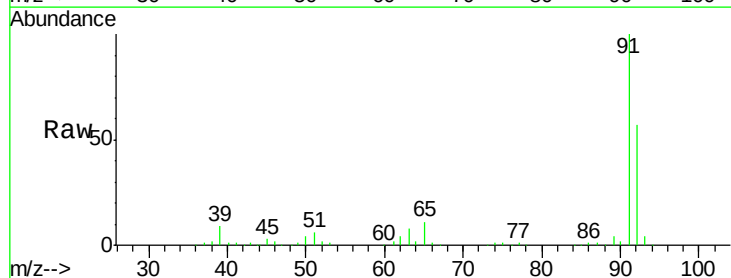
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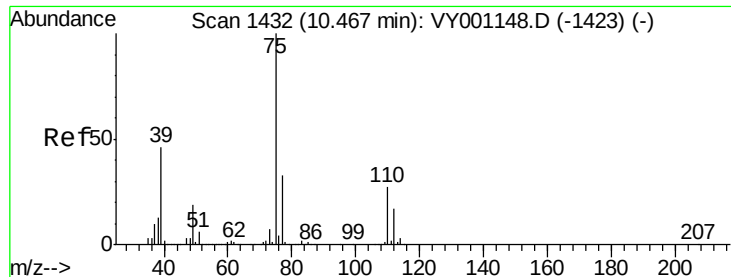
MMDadoda
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#52
Toluene
Concen: 21.321 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	92	91	Resp	116066
Ion Ratio	100	171.7	Lower	Upper
			136.6	204.8





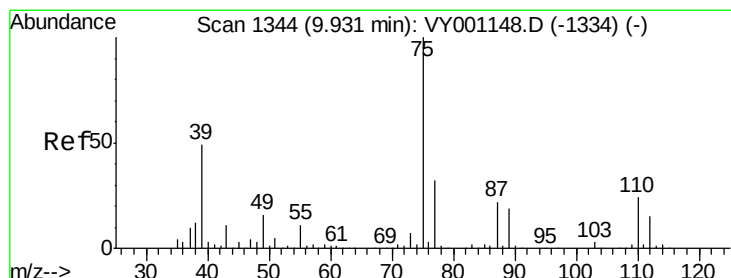
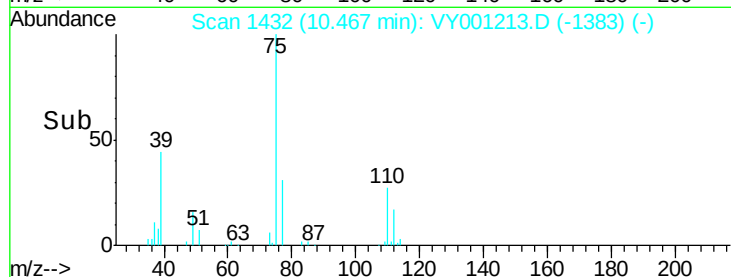
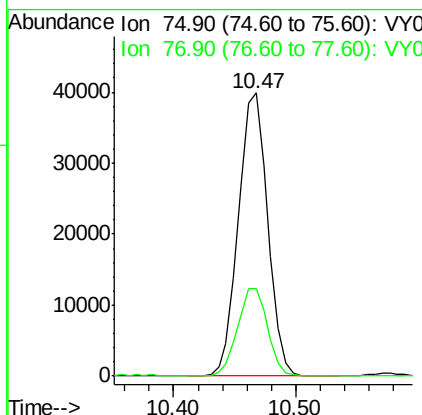
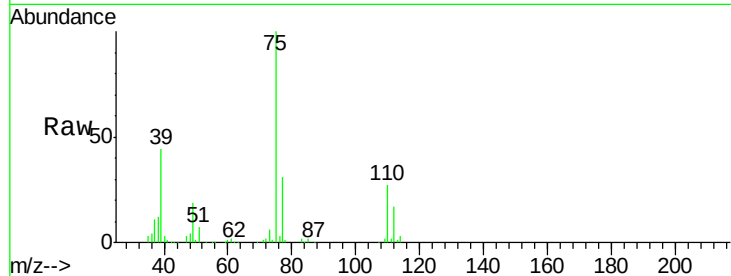
#53
t-1,3-Dichloropropene
Concen: 21.085 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion: 75 Resp: 66199
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2

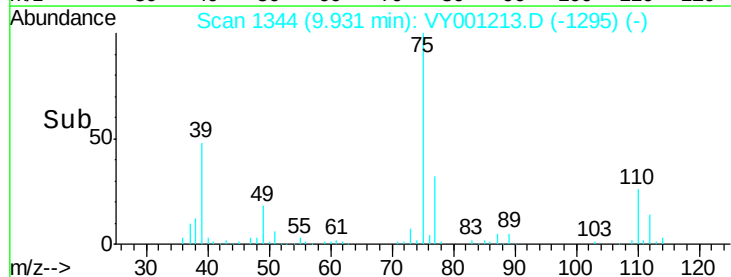
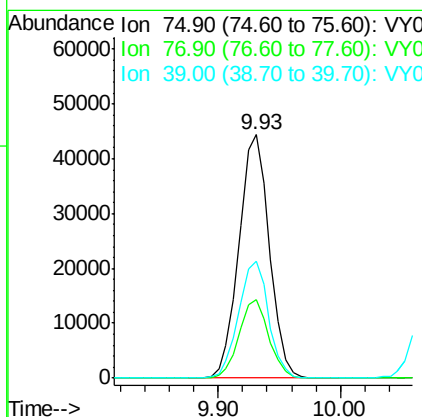
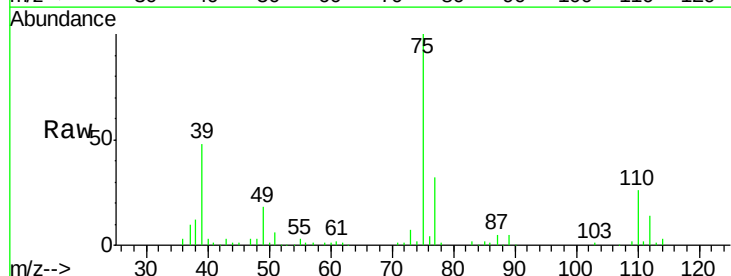
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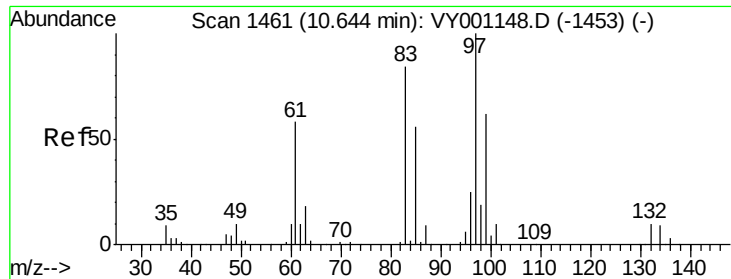
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.557 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion: 75 Resp: 76307
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 47.9 39.1 58.7





#55

1,1,2-Trichloroethane

Concen: 22.134 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

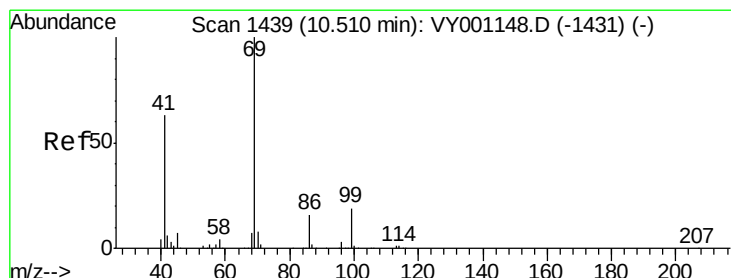
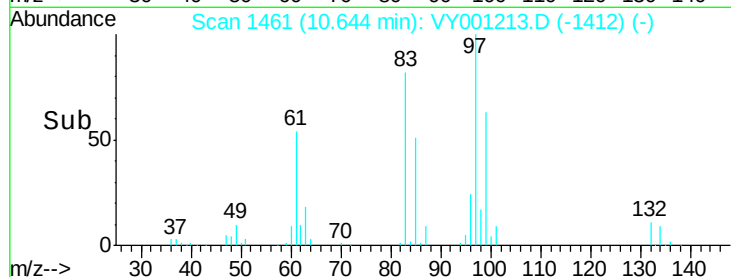
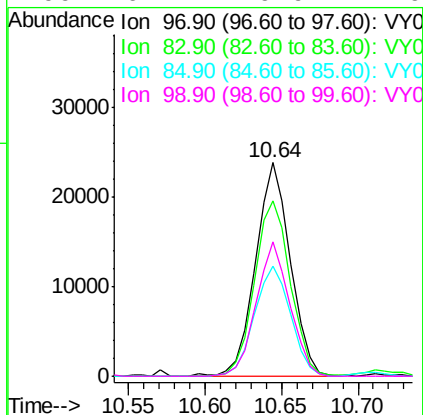
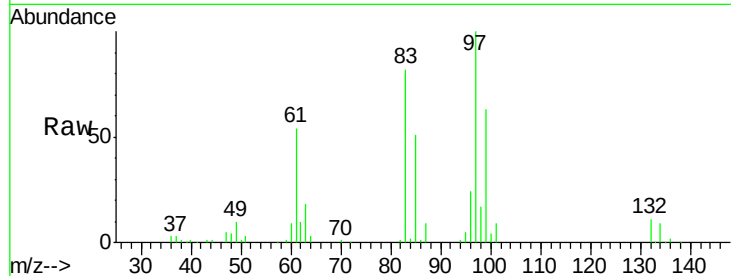
ClientSampleId :

VY0115SBS01

Tot Ion:	97	Resp:	37777
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.2	100.8
85	51.3	44.9	67.3
99	62.7	49.9	74.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.982 ug/l

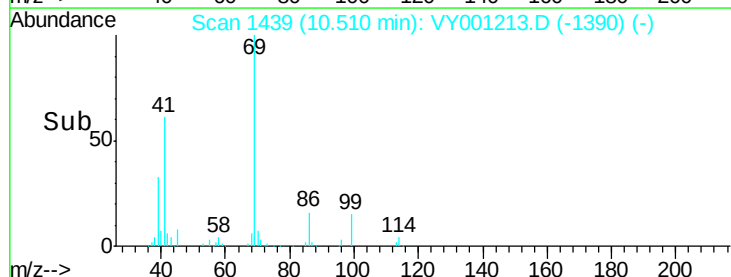
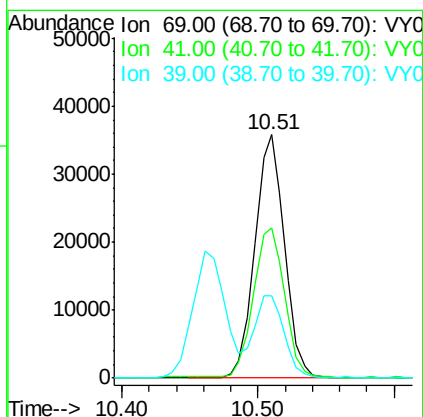
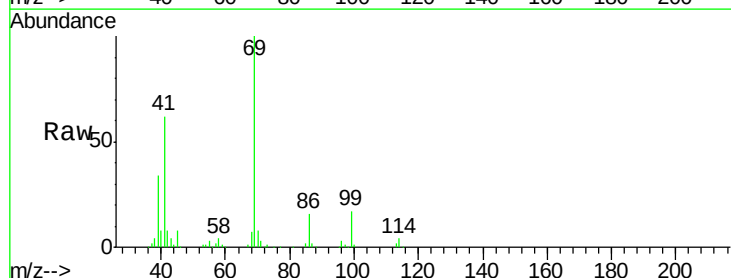
RT: 10.51 min Scan# 1439

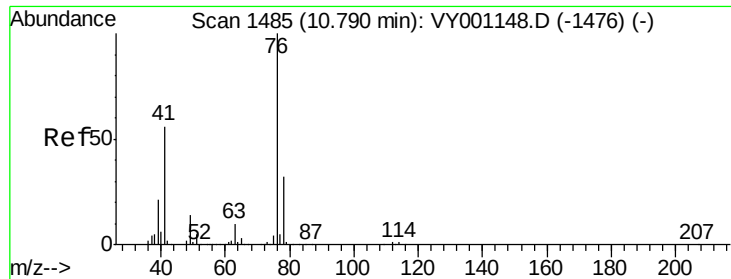
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	69	Resp:	54780
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.4	77.2
39	34.6	26.3	39.5





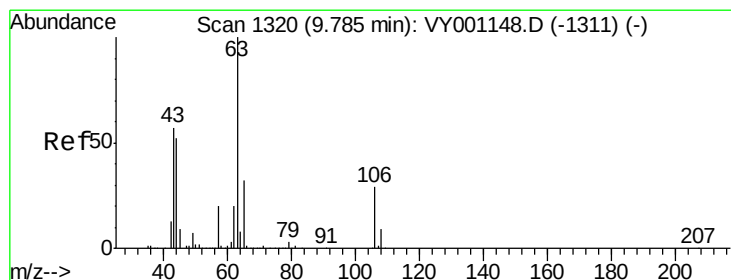
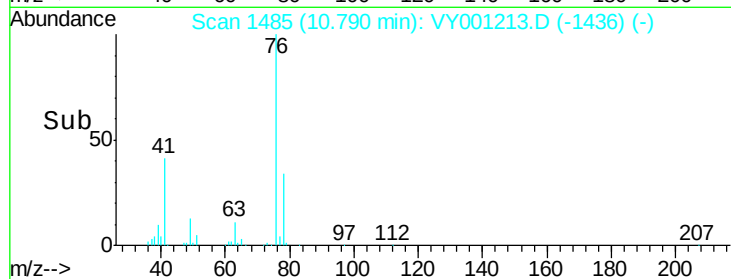
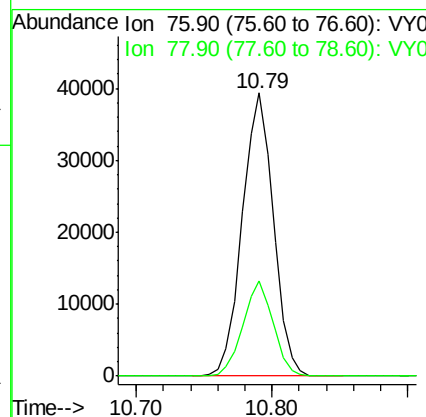
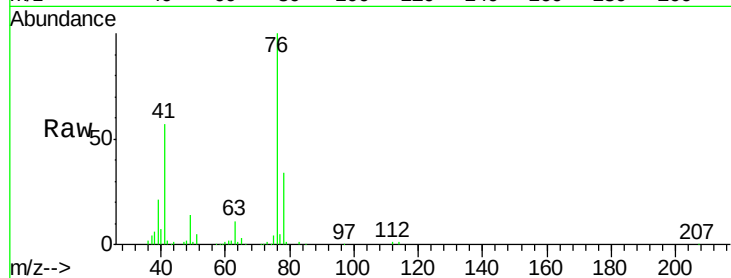
#57
 1,3-Dichloropropane
 Concen: 21.531 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

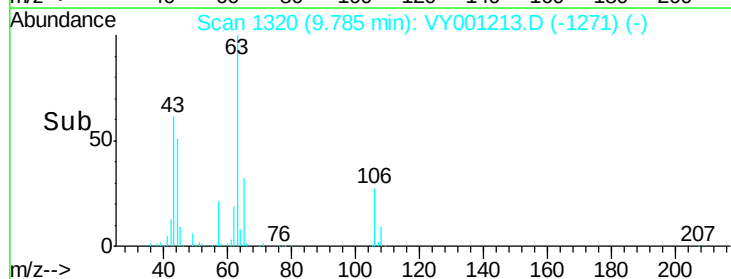
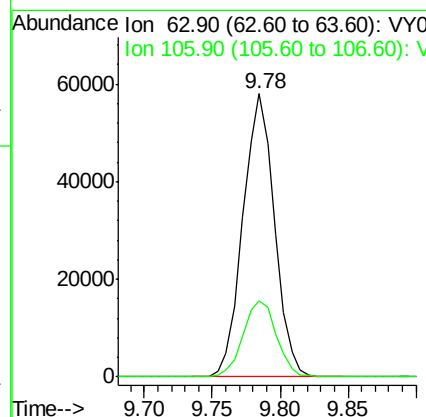
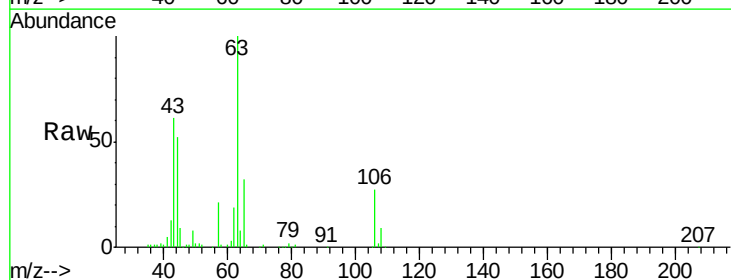
Manual Integrations
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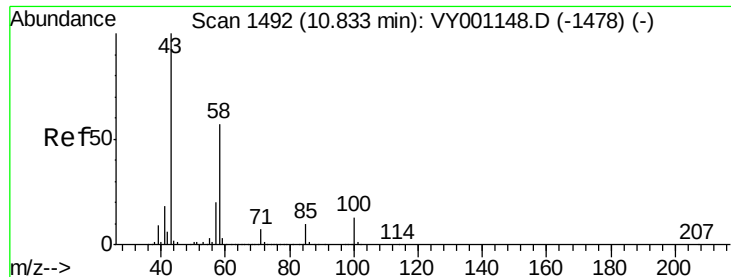
MMDadoda
 1/16/2020 9:36:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.504 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.0	34.6





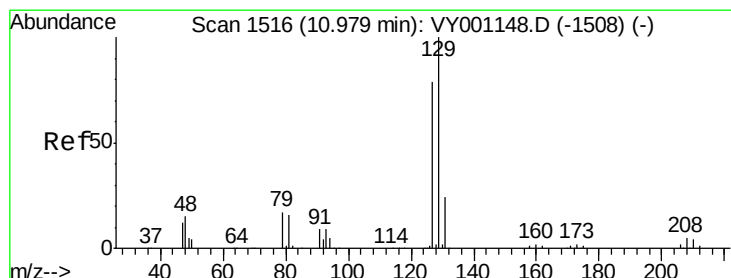
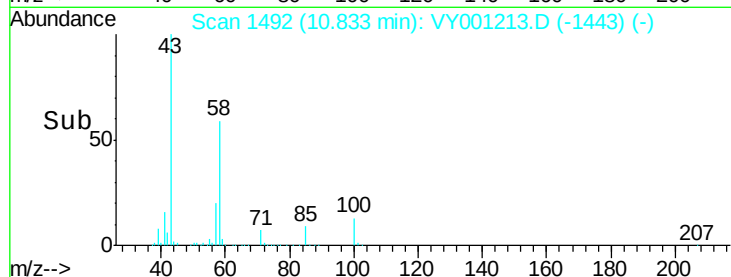
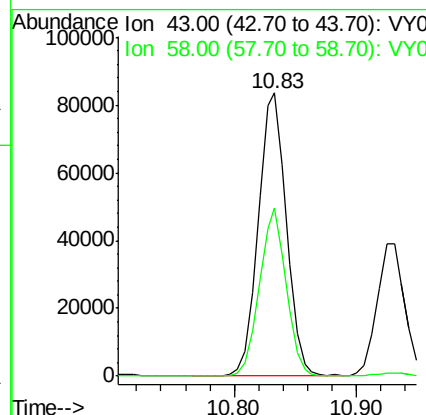
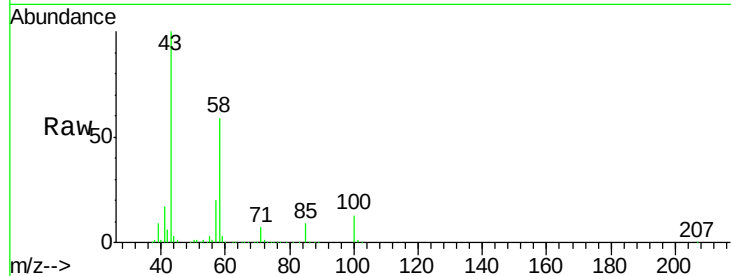
#59
2-Hexanone
Concen: 114.833 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	43	Resp	133991
Ion Ratio	100	Lower	Upper
58	56.2	28.4	85.2

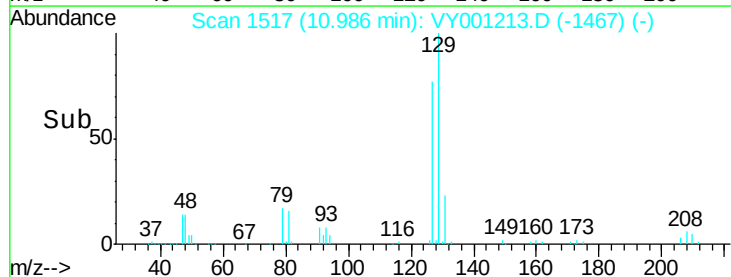
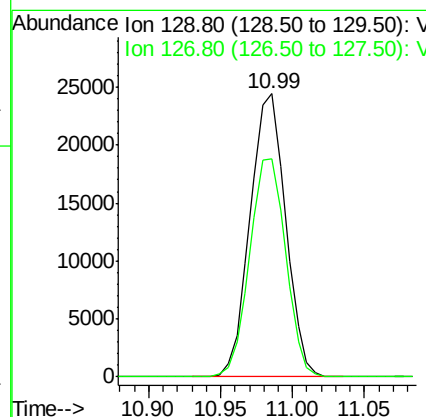
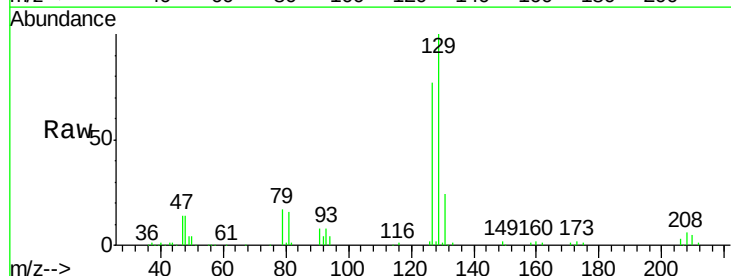
Manual Integrations
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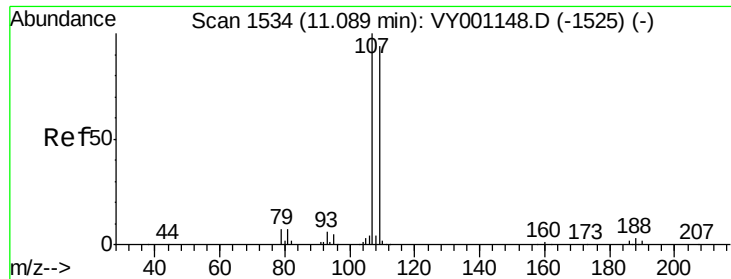
MMDadoda
1/16/2020 9:36:15 AM



#60
Dibromochloromethane
Concen: 21.196 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	129	Resp	41652
Ion Ratio	100	Lower	Upper
127	78.0	38.9	116.7





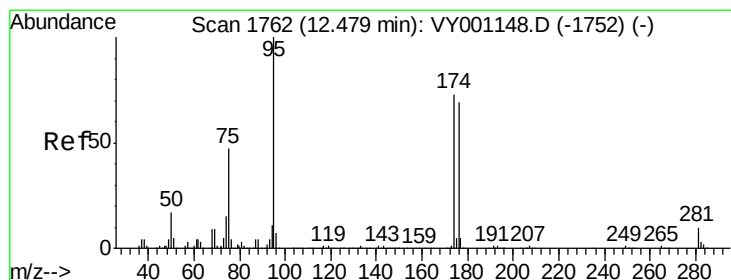
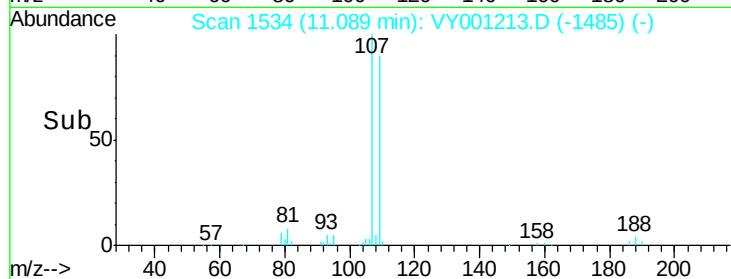
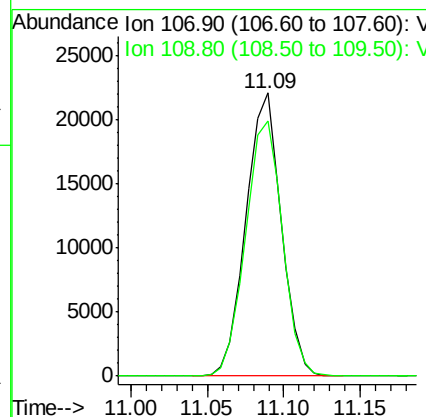
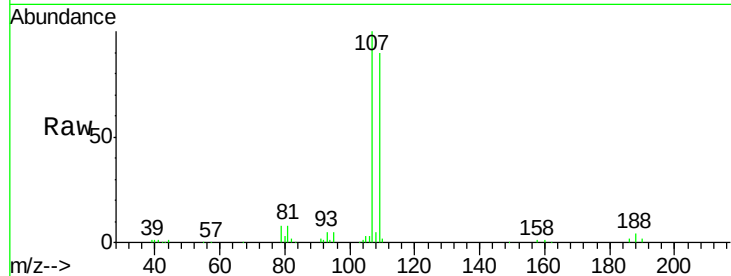
#61
 1,2-Dibromoethane
 Concen: 21.299 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion: 107 Resp: 35496
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0

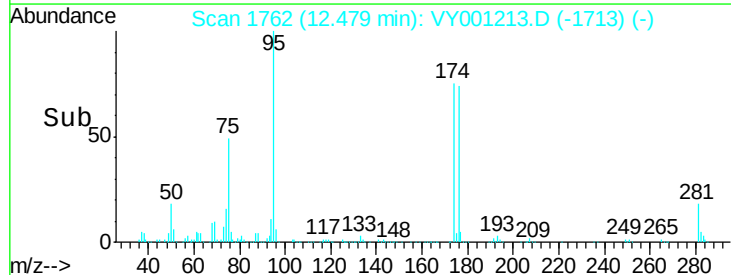
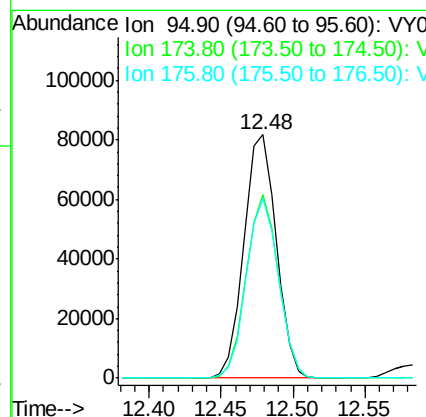
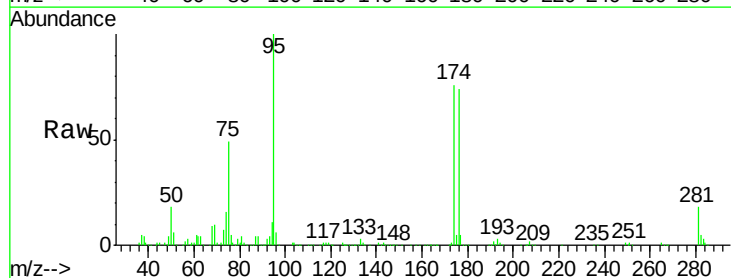
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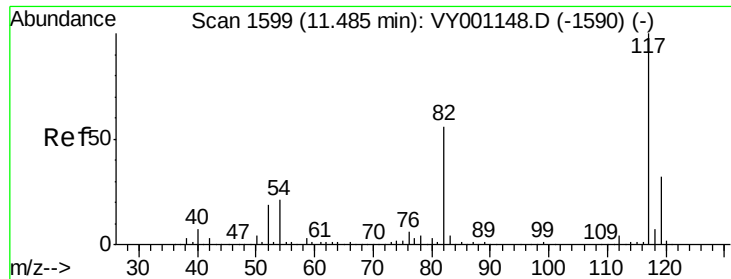
MMDadoda
 1/16/2020 9:36:15 AM



#62
 4-Bromofluorobenzene
 Concen: 43.184 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion: 95 Resp: 127774
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 143.2
 176 73.0 0.0 136.0





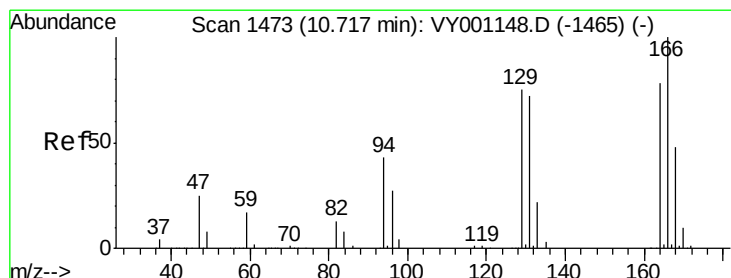
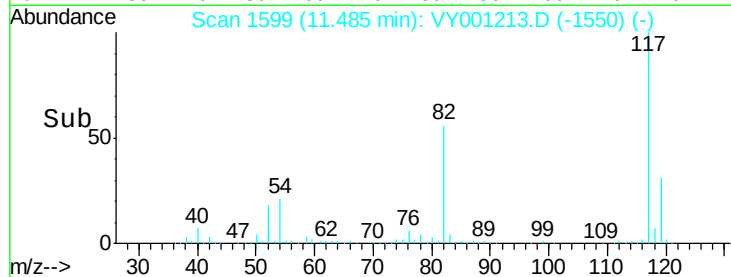
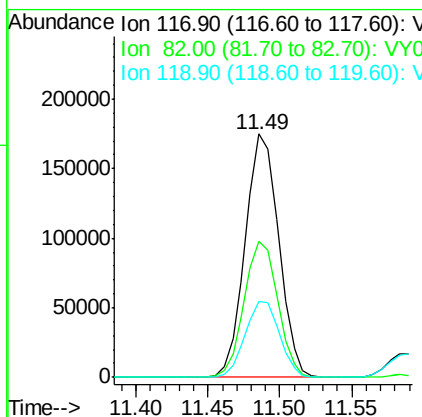
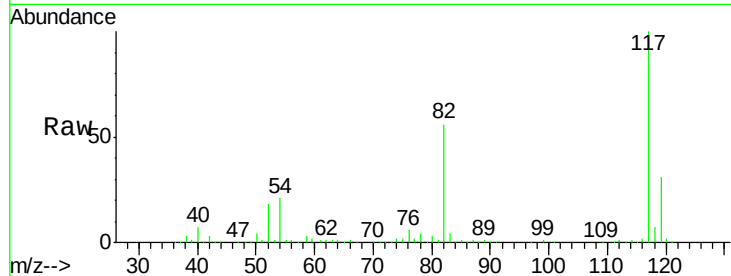
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.9	67.3
119	31.3	25.7	38.5

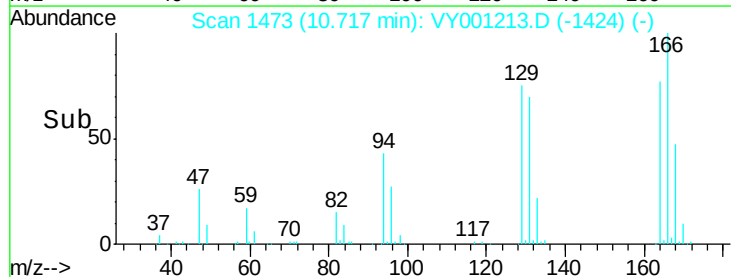
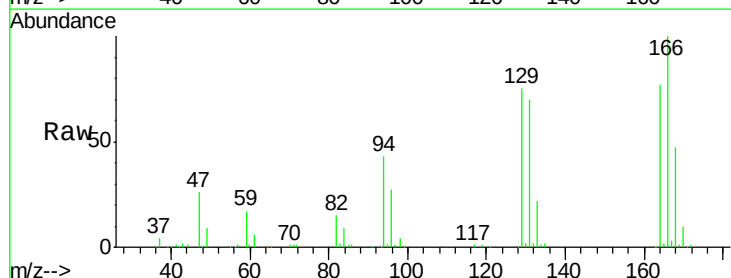
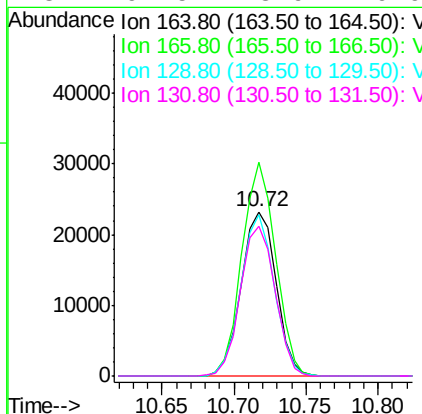
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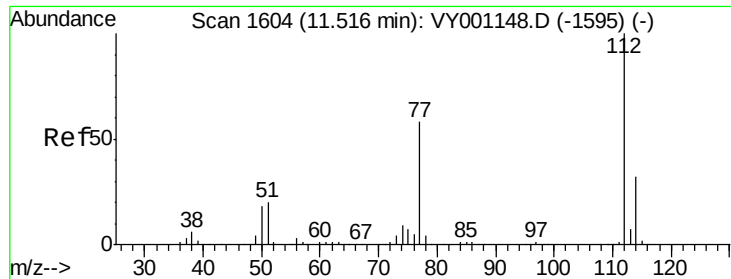
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#64
Tetrachloroethene
Concen: 21.461 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.3	153.5
129	98.1	76.2	114.4
131	91.5	73.9	110.9





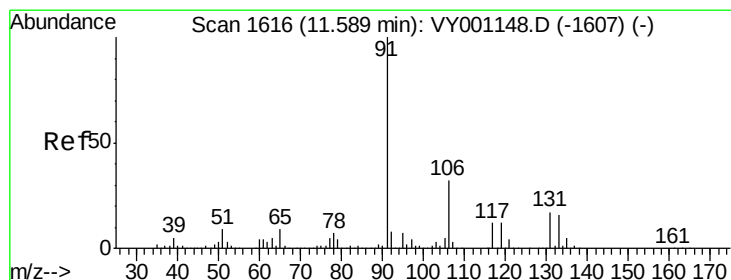
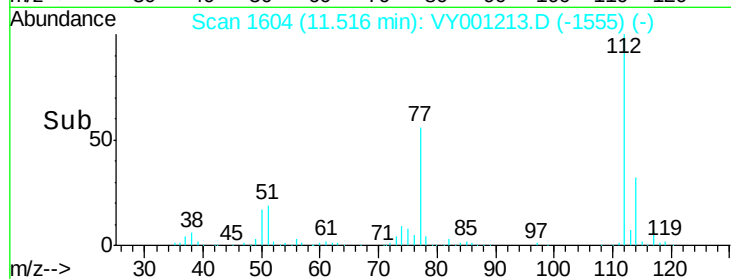
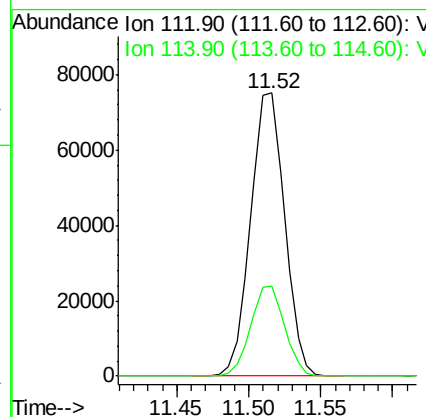
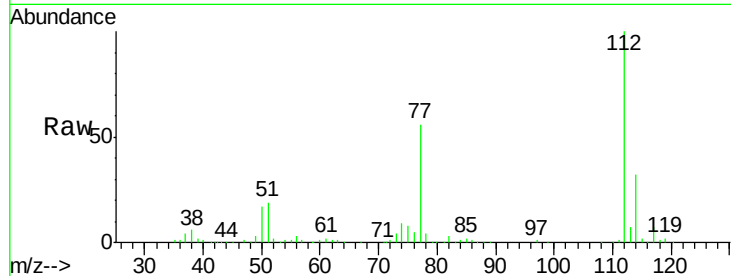
#65
Chlorobenzene
Concen: 21.794 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.9	38.9

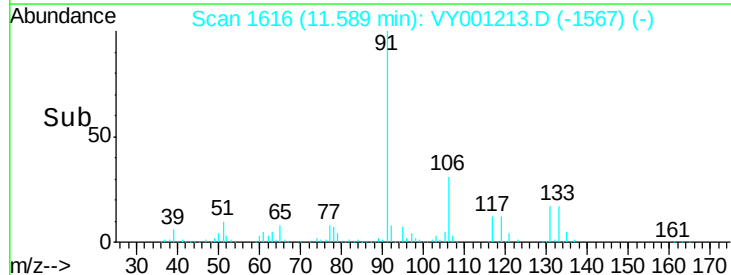
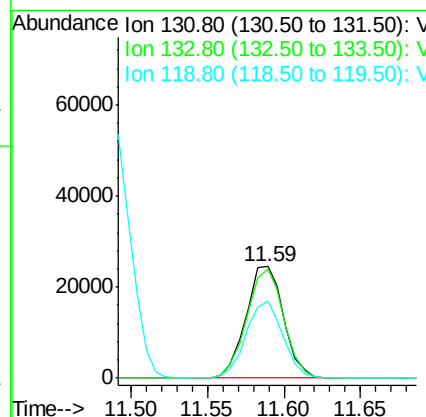
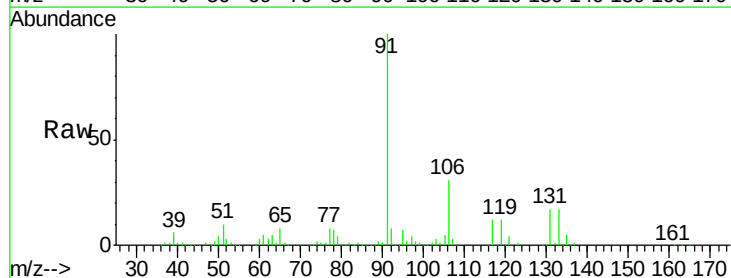
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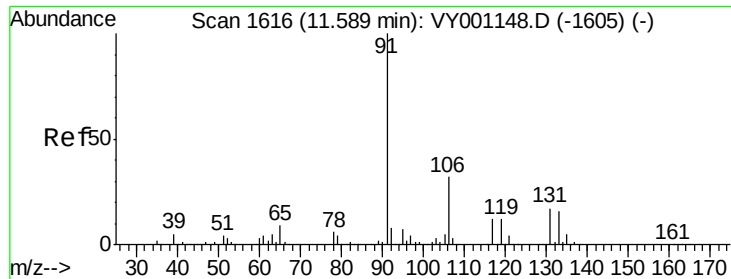
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.605 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	142.0
119	67.7	33.6	100.8





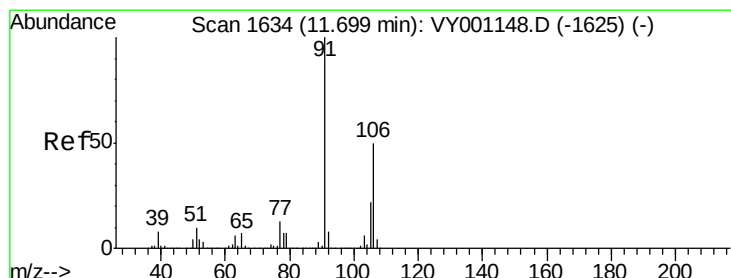
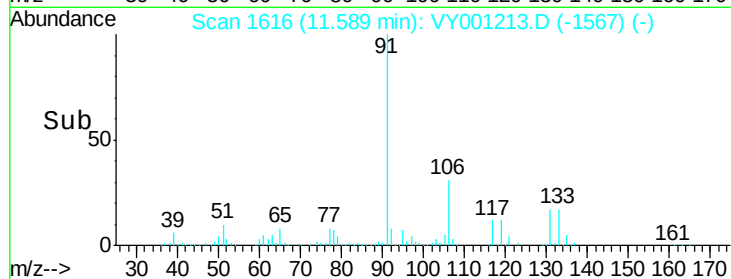
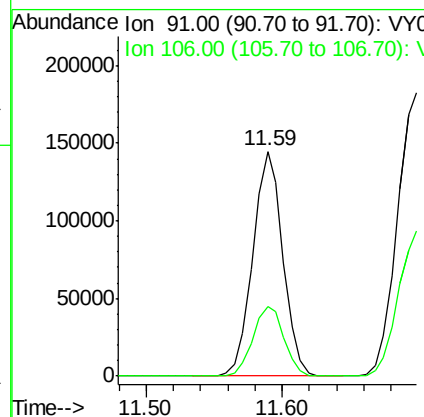
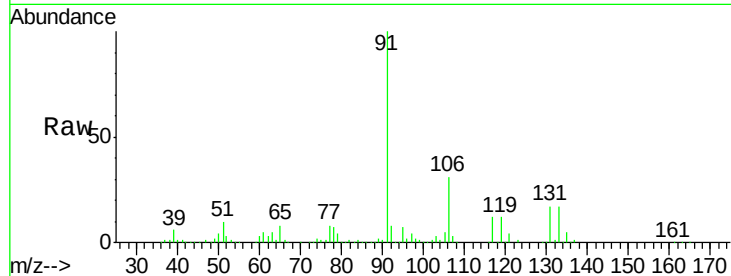
#67
Ethyl Benzene
Concen: 21.648 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.3	37.9

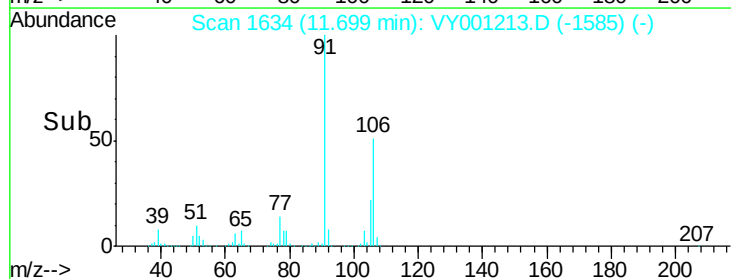
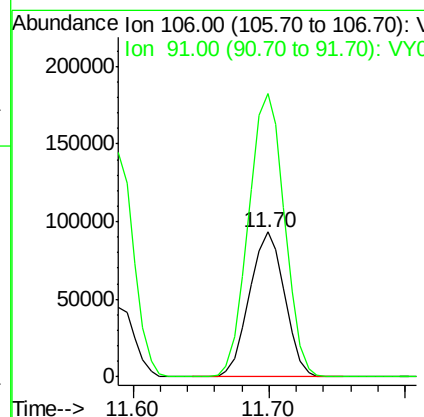
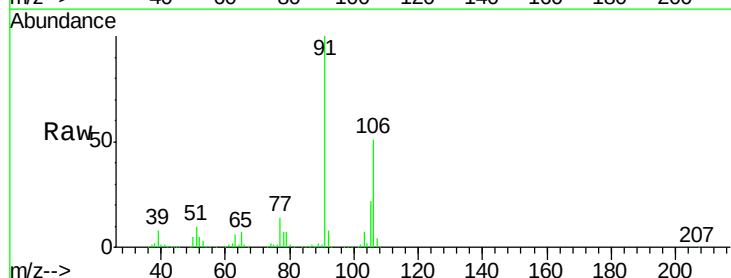
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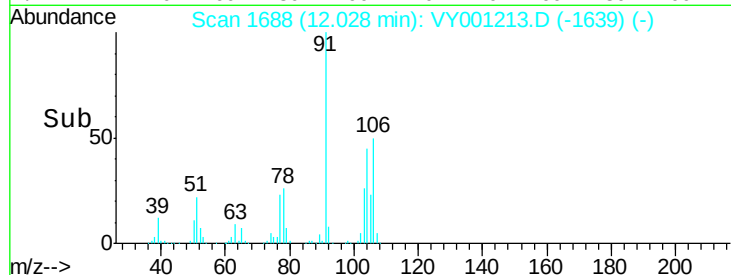
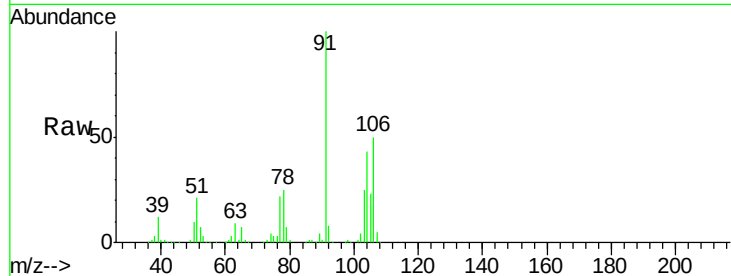
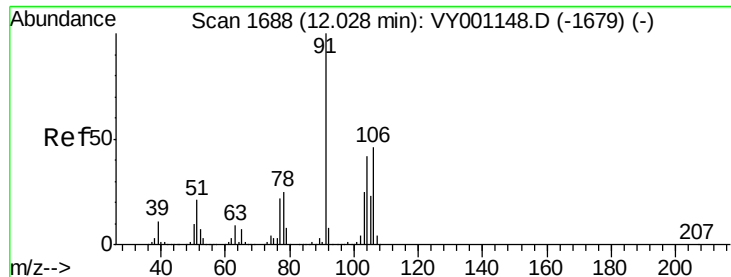
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#68
m/p-Xylenes
Concen: 43.602 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.4	161.4	242.2





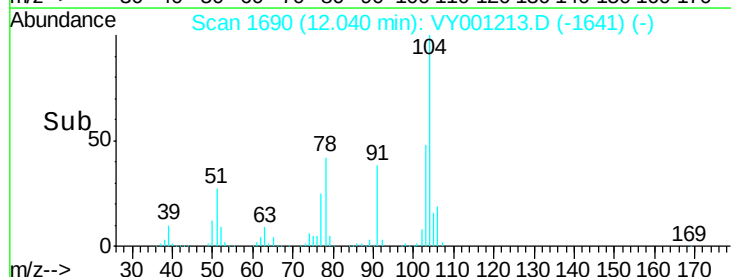
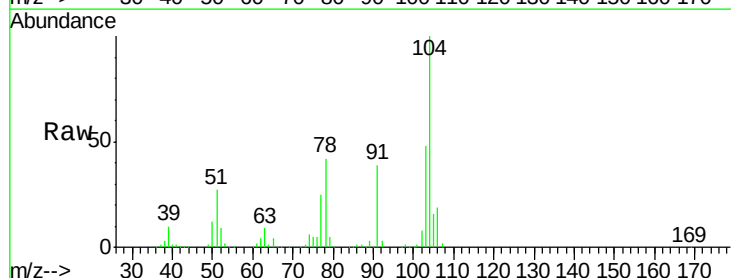
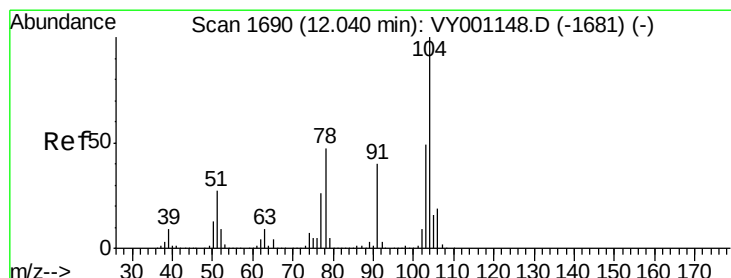
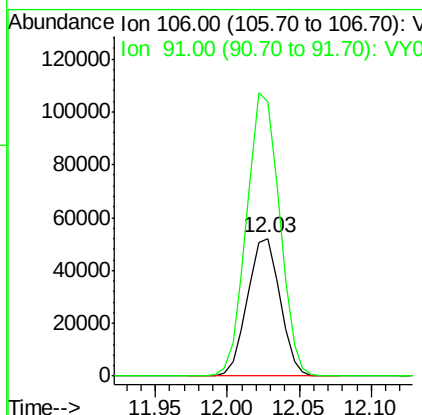
#69
o-Xylene
Concen: 21.963 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tot Ion:106 Resp: 81870
Ion Ratio Lower Upper
106 100
91 207.2 106.3 318.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

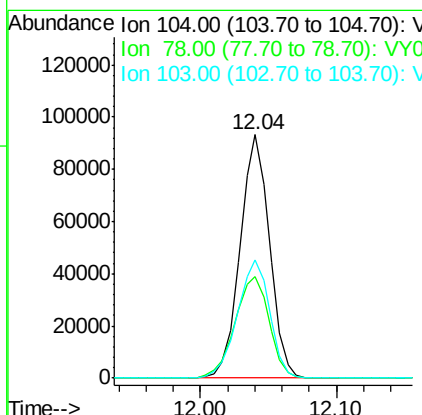
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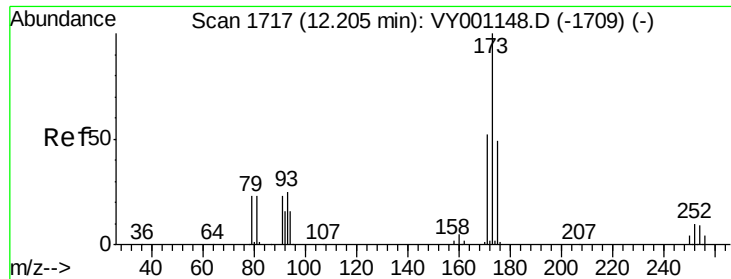
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#70
Styrene
Concen: 21.532 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion:104 Resp: 140826
Ion Ratio Lower Upper
104 100
78 48.2 40.5 60.7
103 53.3 42.4 63.6





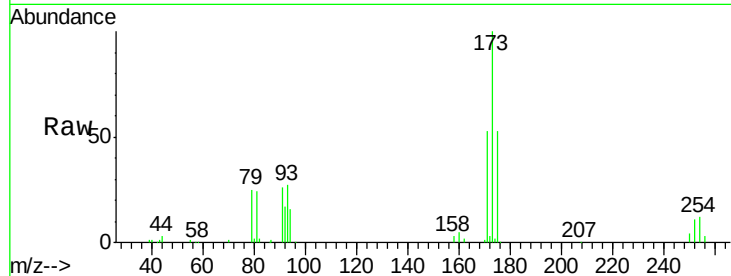
#71
Bromoform
Concen: 21.232 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

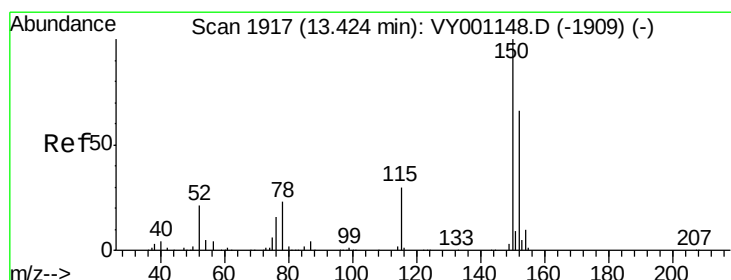
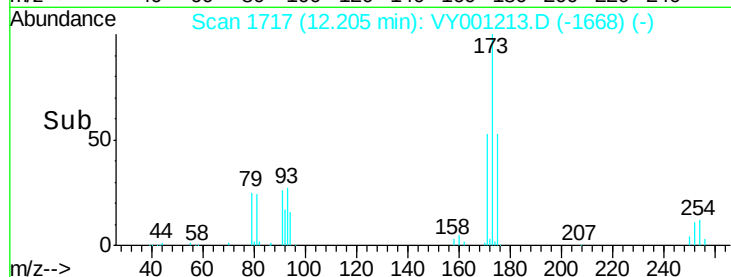
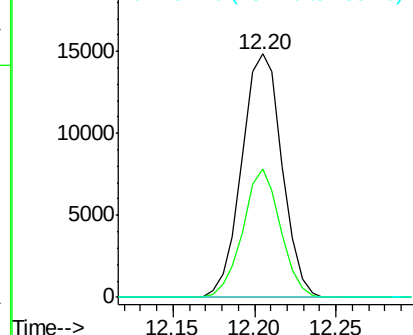
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.2
254	0.0	0.1	0.1#

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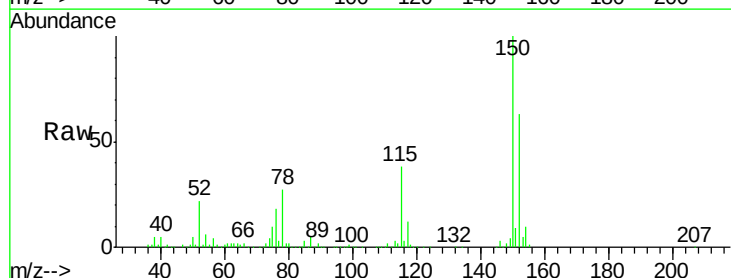


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

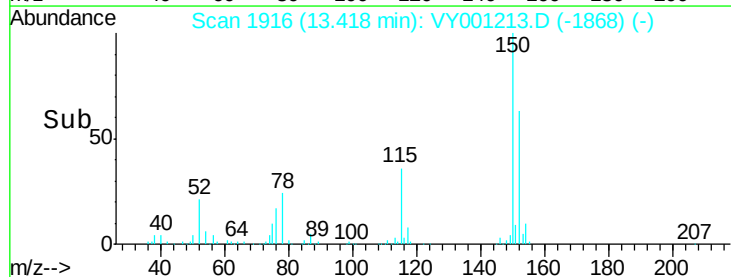
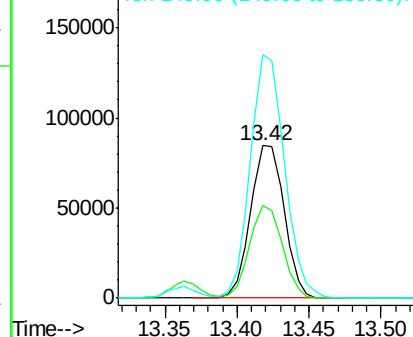


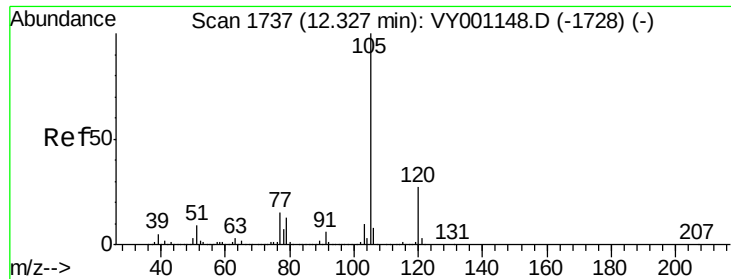
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.9	92.5
150	162.6	0.0	346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





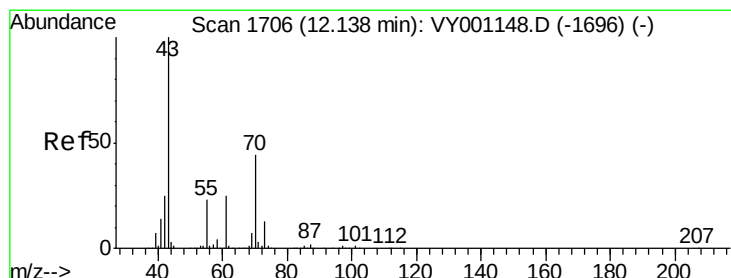
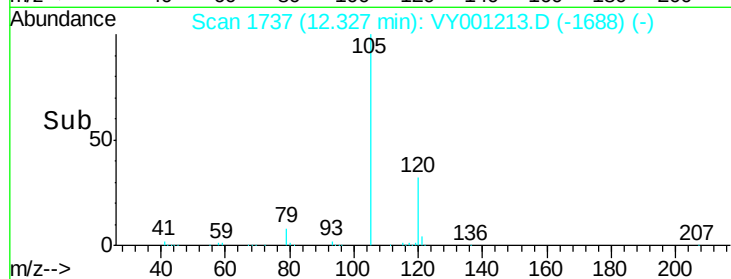
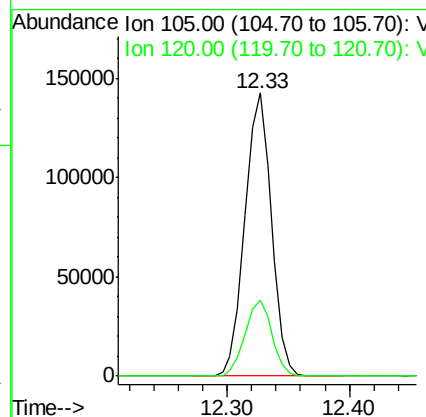
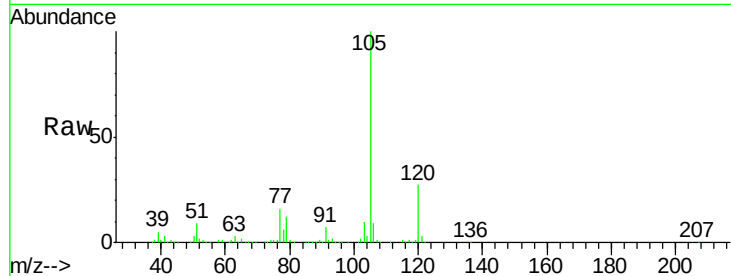
#73
Isopropylbenzene
Concen: 20.882 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.4	40.2

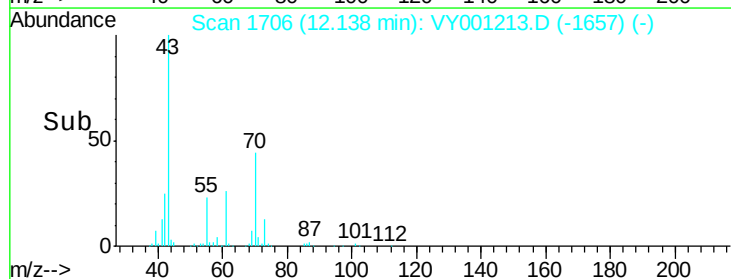
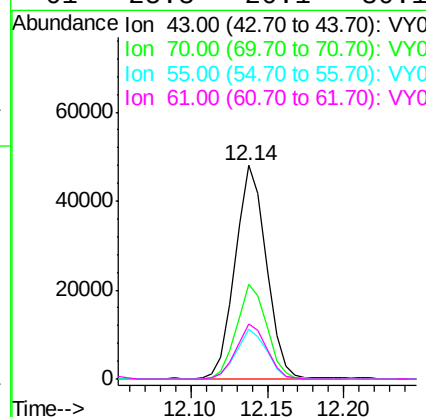
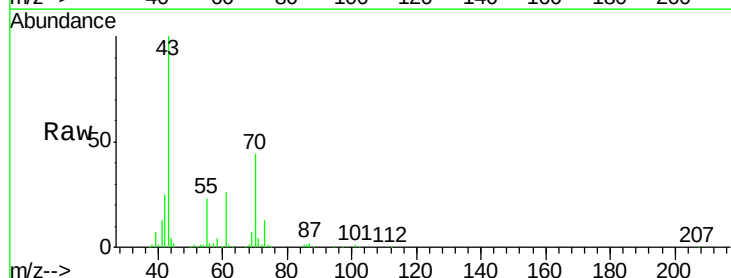
Manual Integrations
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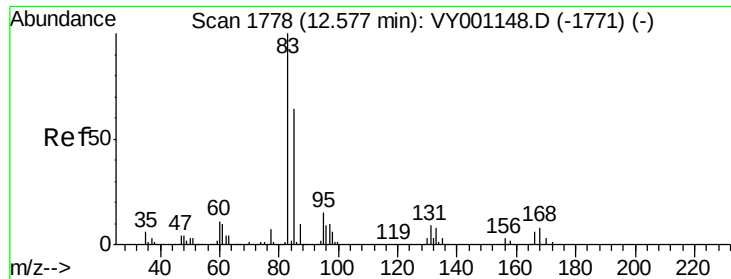
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1/16/2020 9:36:15 AM



#74
N-ethyl acetate
Concen: 21.132 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	35.0	52.6
55	23.1	18.4	27.6
61	25.3	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.279 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

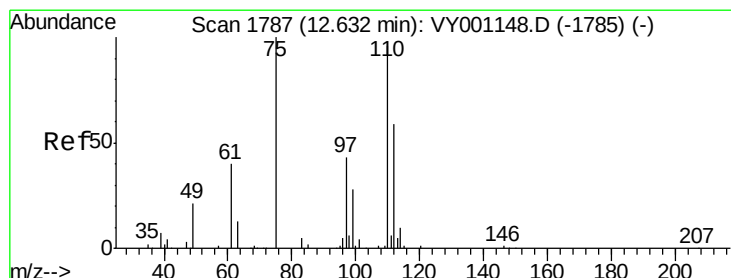
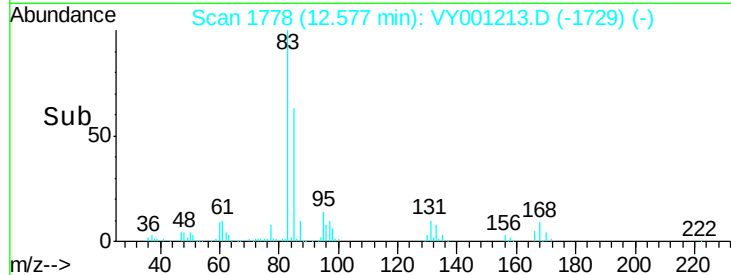
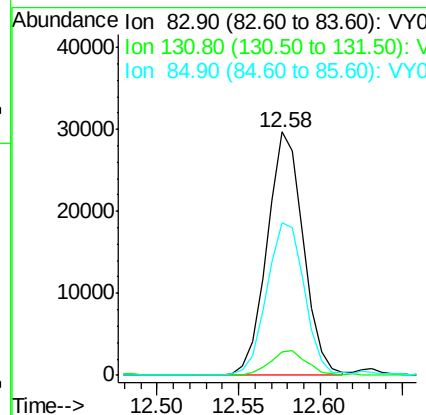
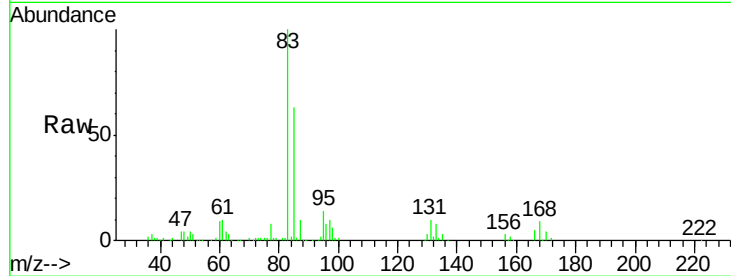
ClientSampleId :

VY0115SBS01

Tot Ion:	83	Resp:	45834
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	65.6	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 19.385 ug/l m

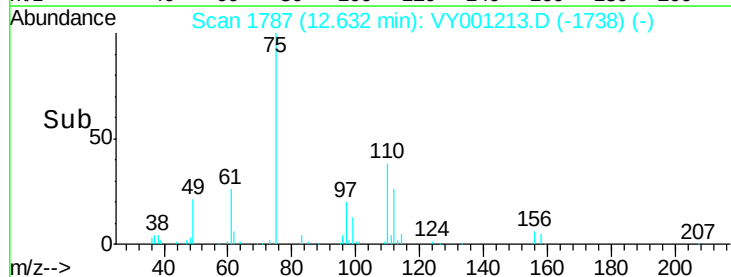
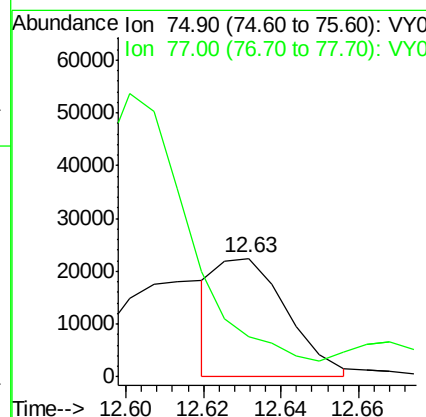
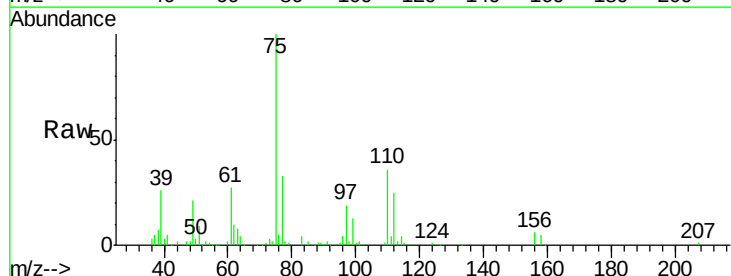
RT: 12.63 min Scan# 1787

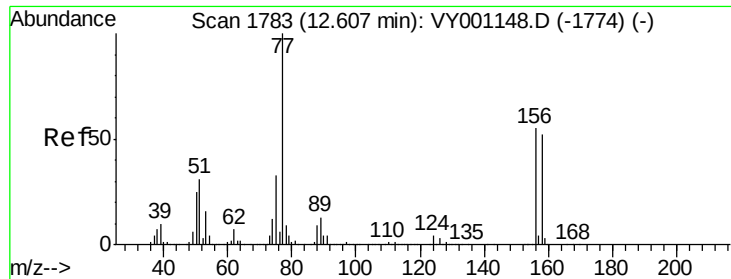
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	75	Resp:	28260
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.455 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion:156 Resp: 48535

Ion Ratio Lower Upper

156 100

77 201.5 106.7 320.1

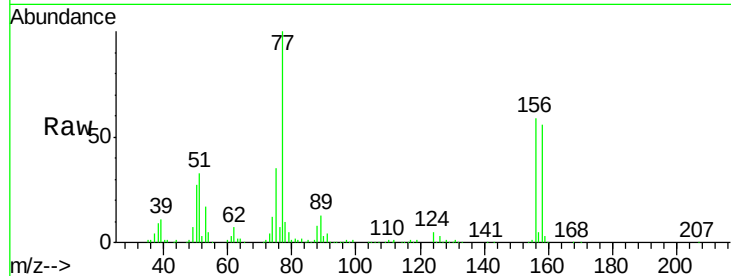
158 96.0 48.3 144.8

Manual Integrations

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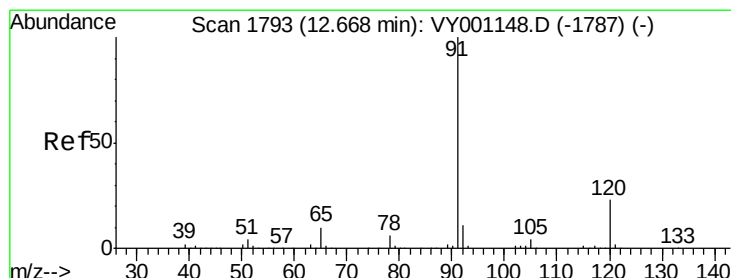
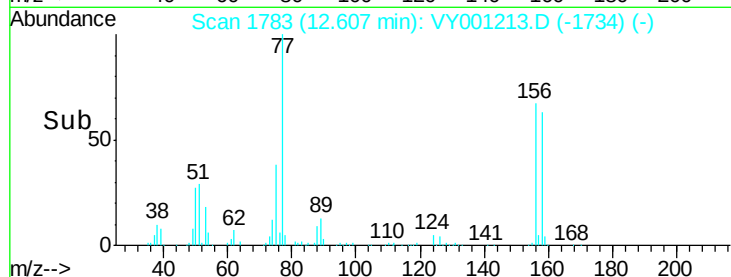
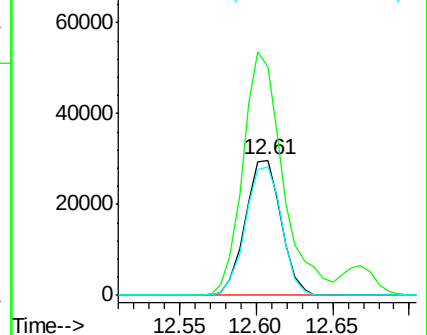
1/16/2020 9:36:15 AM



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: 20.760 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001213.D

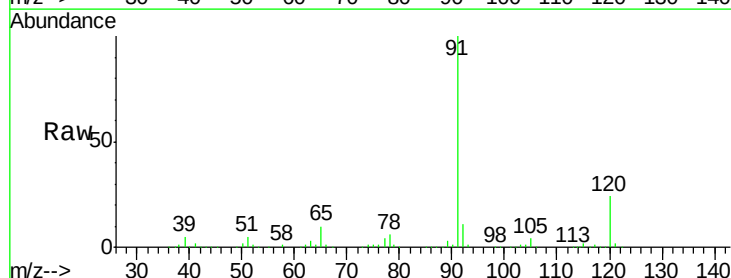
Acq: 15 Jan 2020 13:26

Tgt Ion: 91 Resp: 255644

Ion Ratio Lower Upper

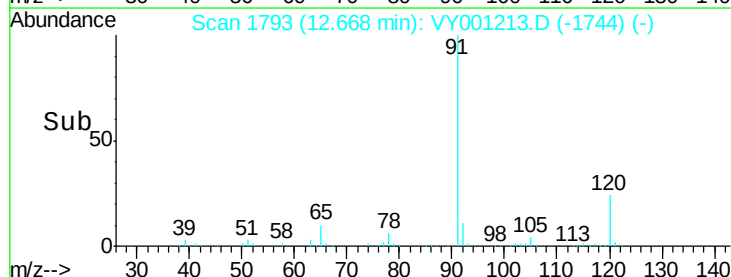
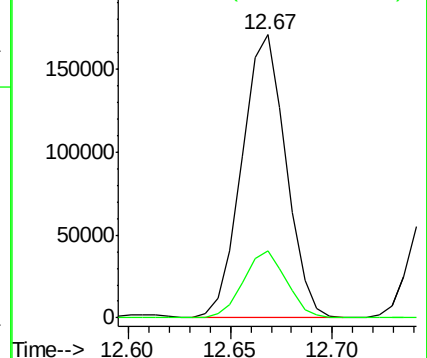
91 100

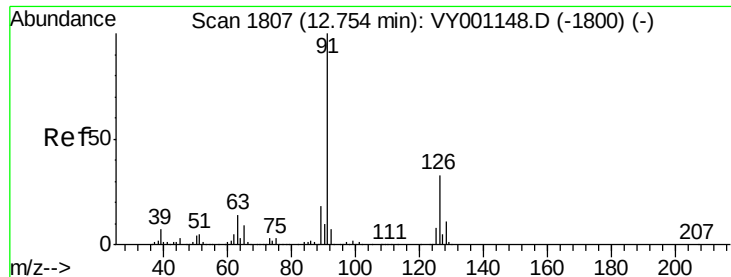
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.418 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion: 91 Resp: 144397

Ion Ratio Lower Upper

91 100

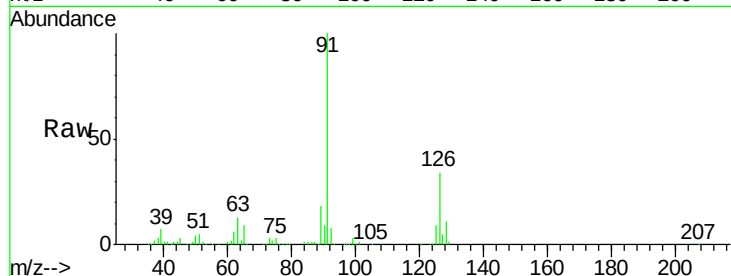
126 34.0 16.4 49.4

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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) (-)

200000

150000

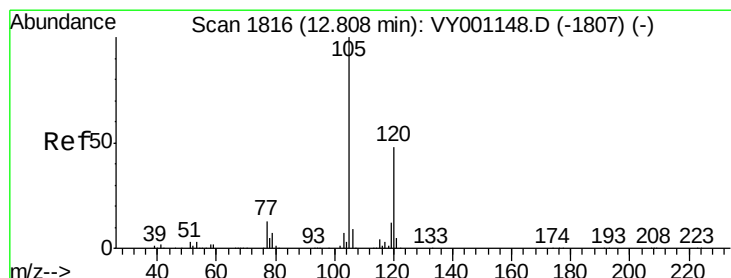
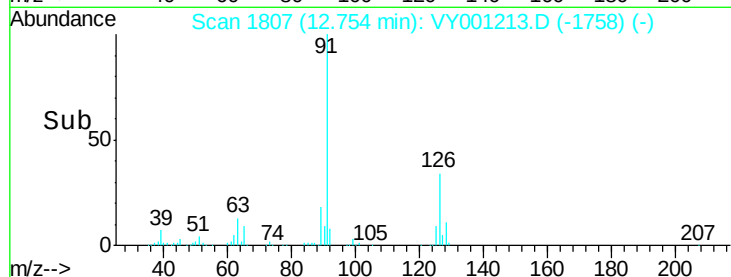
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.119 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001213.D

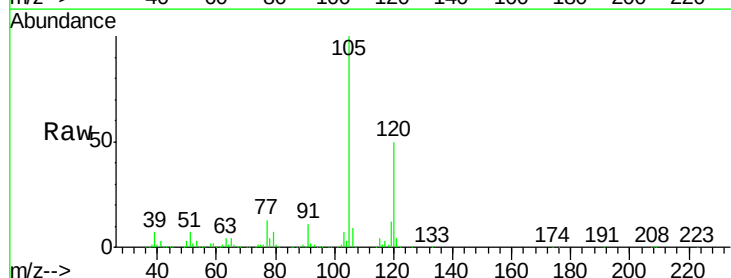
Acq: 15 Jan 2020 13:26

Tgt Ion: 105 Resp: 180397

Ion Ratio Lower Upper

105 100

120 49.3 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) (-)

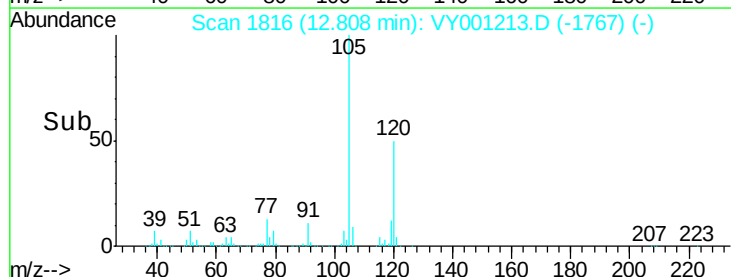
100000

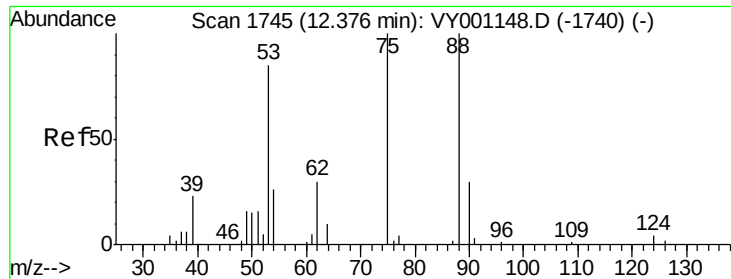
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.804 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

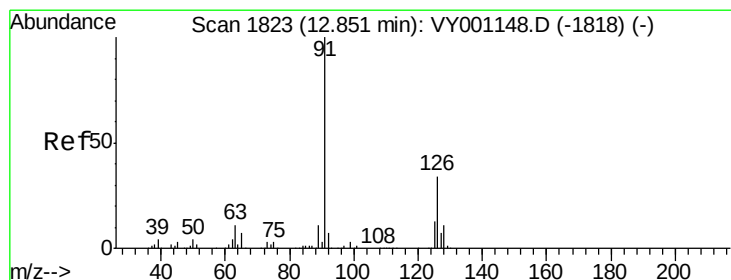
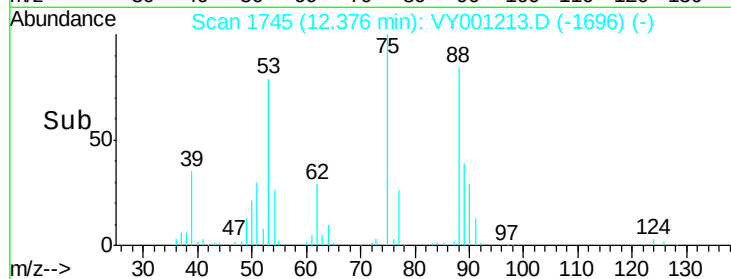
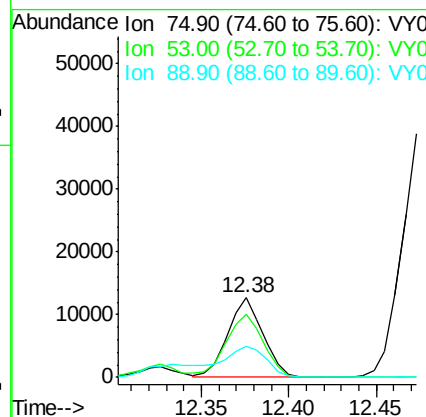
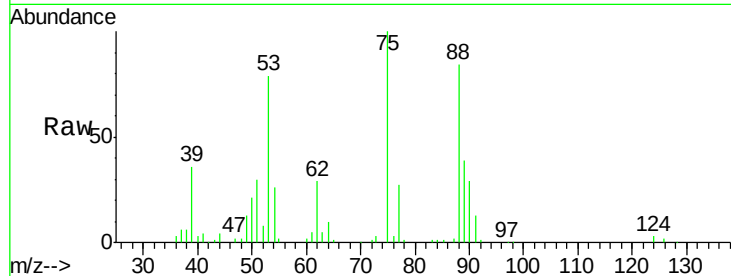
ClientSampleId :

VY0115SBS01

Tot Ion:	75	Resp:	17885
Ion	Ratio	Lower	Upper
75	100		
53	83.7	69.4	104.2
89	45.6	0.0	0.0#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.572 ug/l

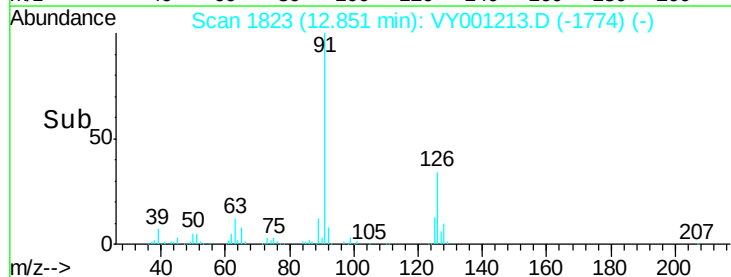
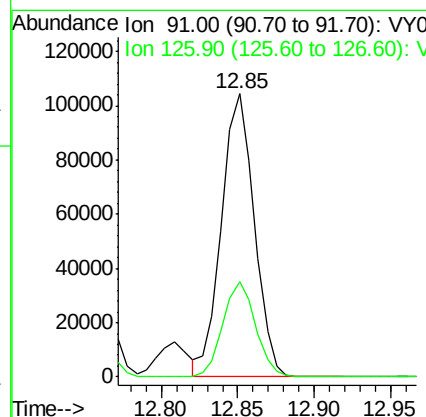
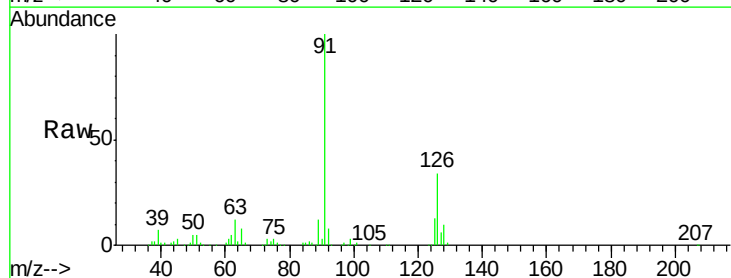
RT: 12.85 min Scan# 1823

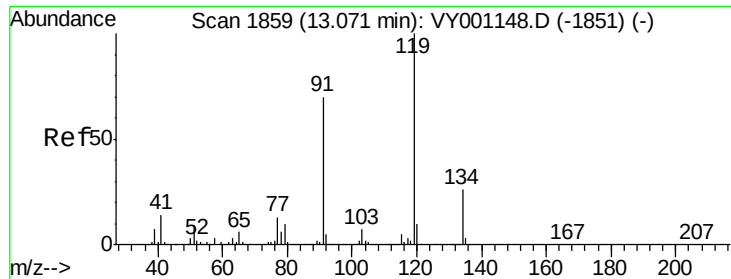
Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Tgt Ion:	91	Resp:	155320
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.8





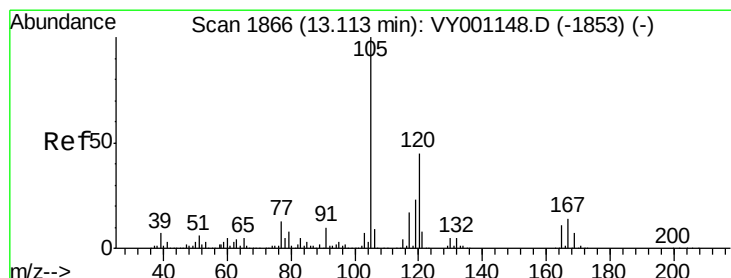
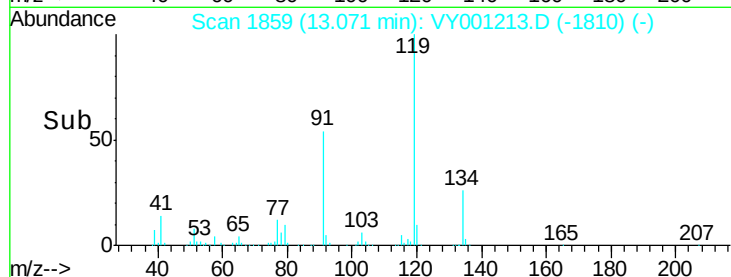
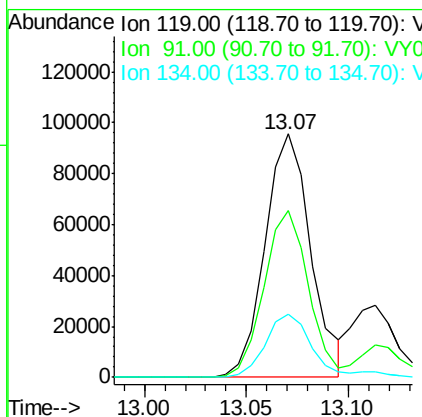
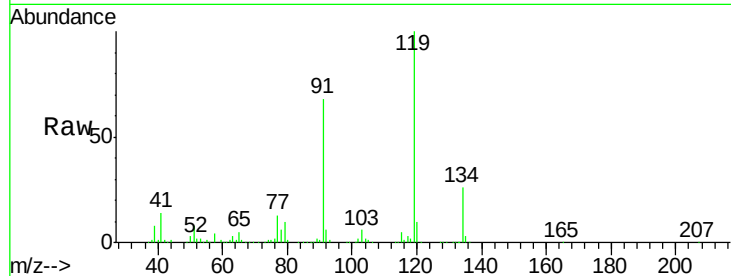
#83
tert-Butylbenzene
Concen: 20.894 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.9	101.7
134	27.1	13.5	40.4

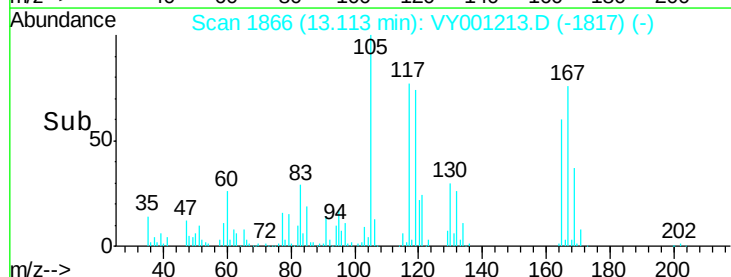
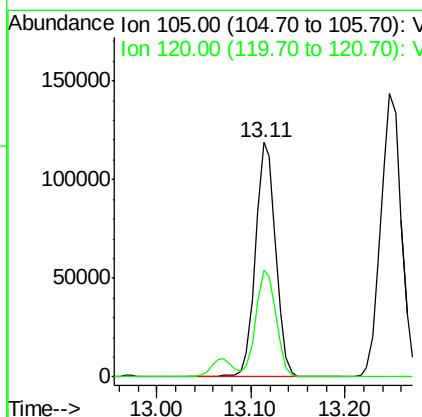
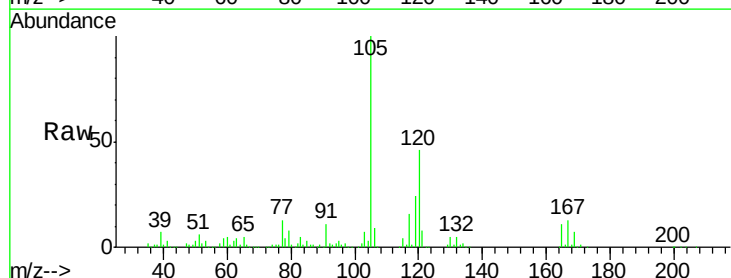
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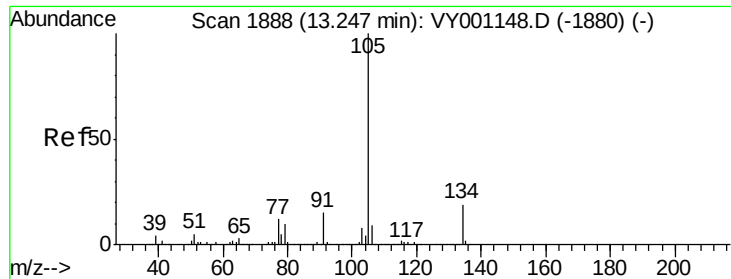
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.209 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





#85

sec-Butylbenzene

Concen: 20.967 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBS01

Tot Ion:105 Resp: 216495

Ion Ratio Lower Upper

105 100

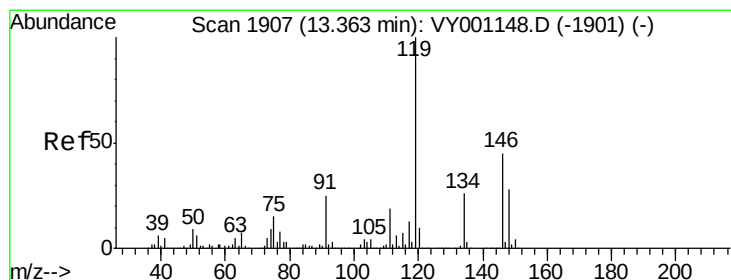
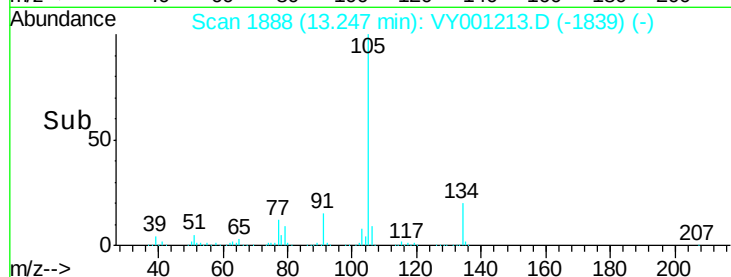
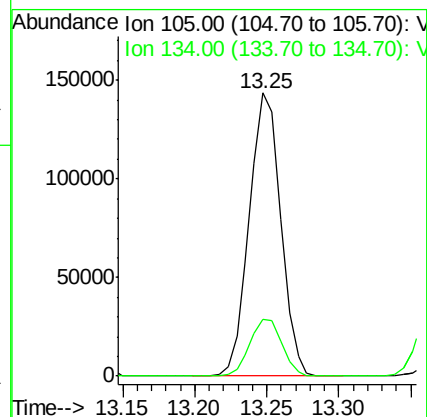
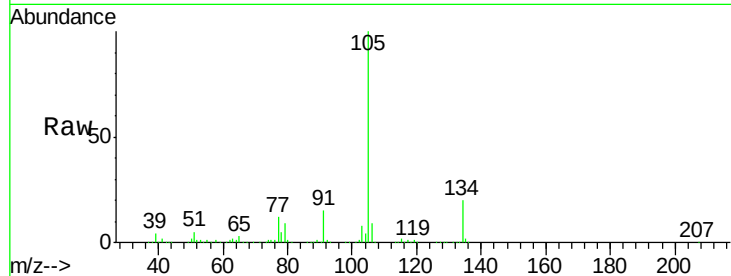
134 20.6 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.535 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001213.D

Acq: 15 Jan 2020 13:26

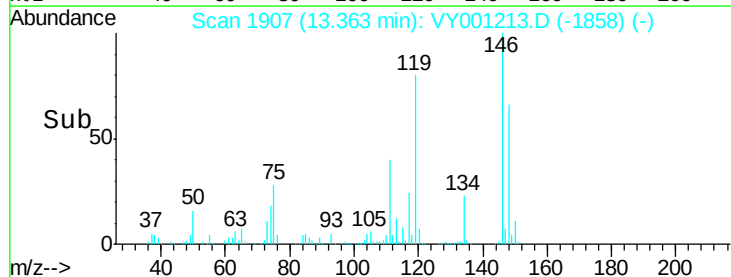
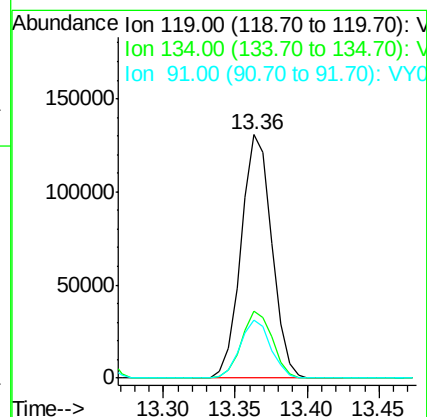
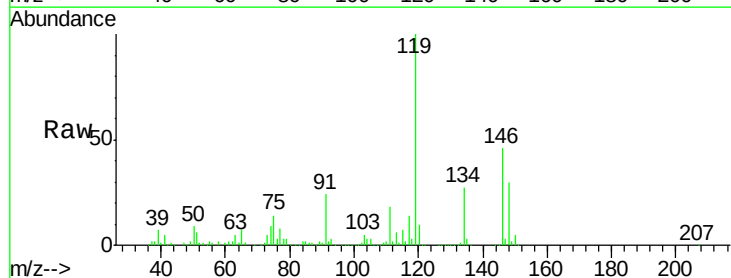
Tgt Ion:119 Resp: 193069

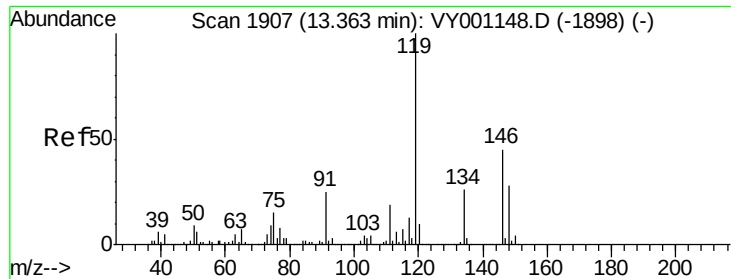
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

91 23.9 12.4 37.2





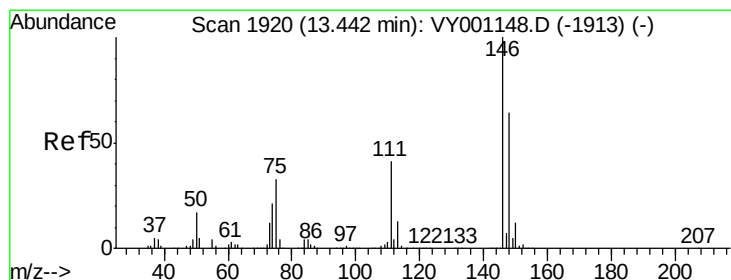
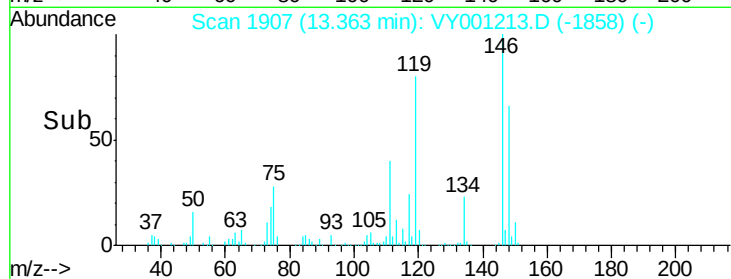
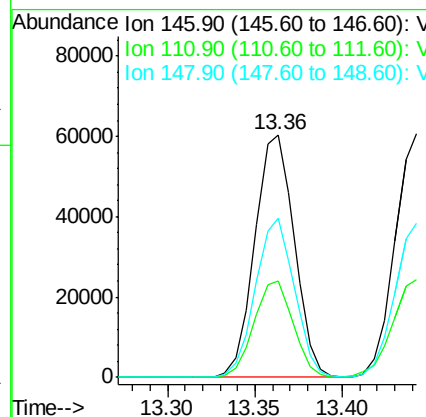
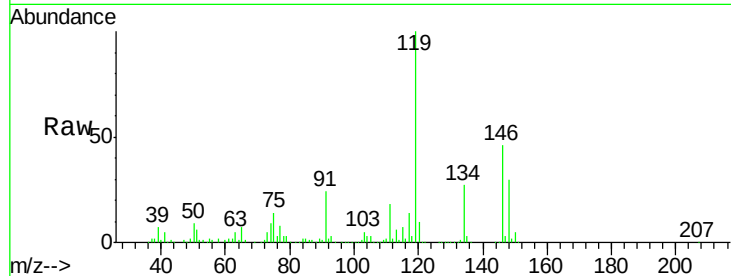
#87
 1,3-Dichlorobenzene
 Concen: 22.206 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.3	64.0
148	64.5	31.9	95.5

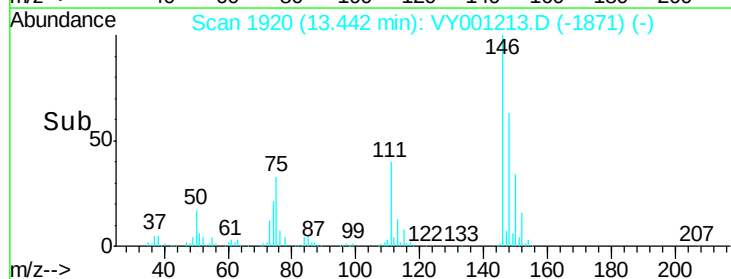
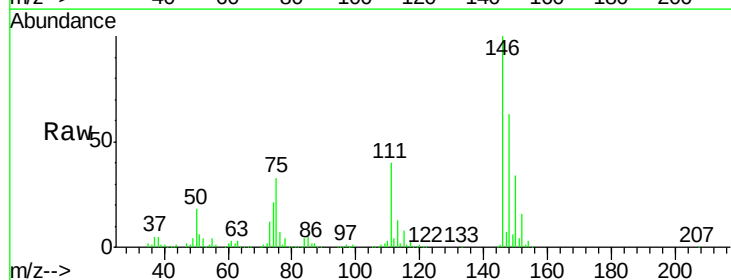
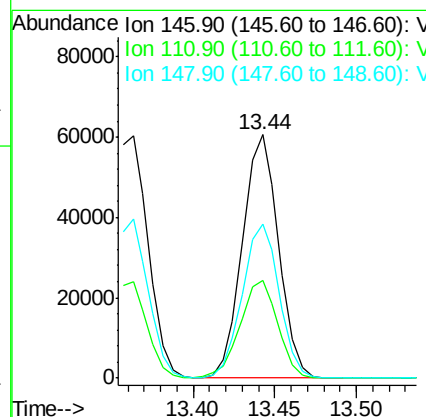
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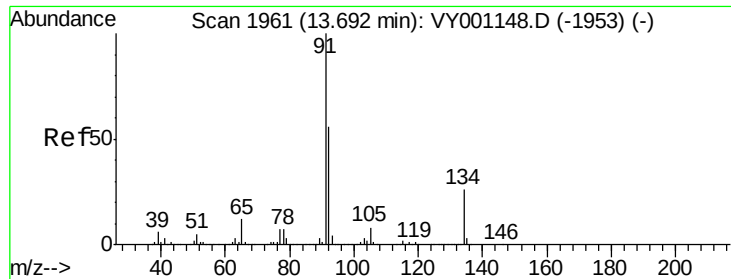
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 1/16/2020 9:36:15 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.222 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	64.7	32.0	96.2





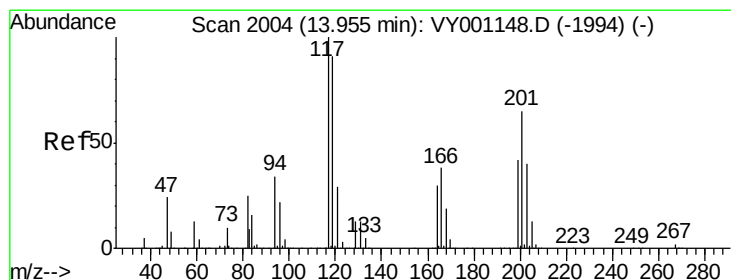
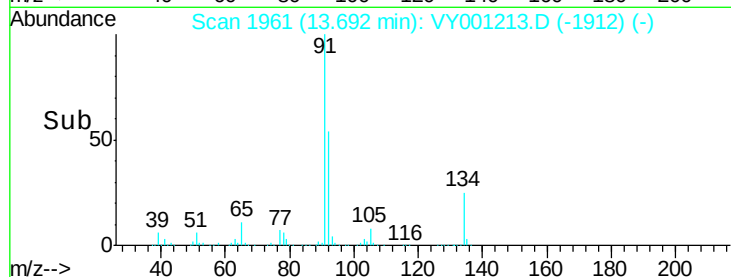
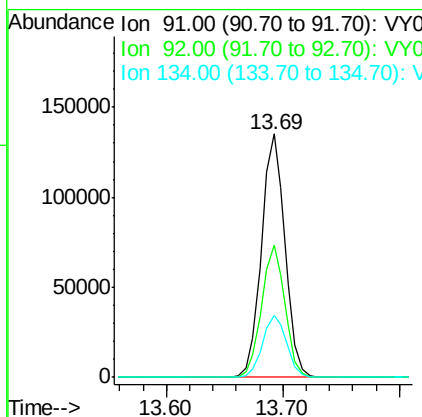
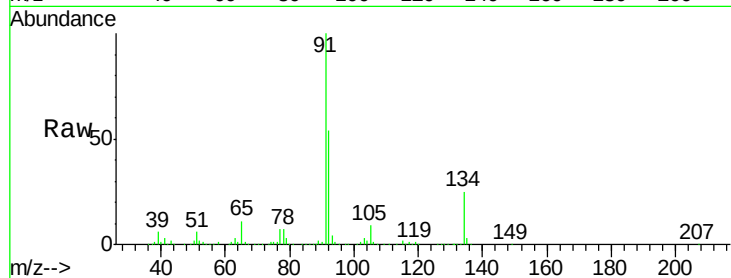
#89
n-Butylbenzene
Concen: 20.992 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.7	83.1
134	26.1	12.9	38.6

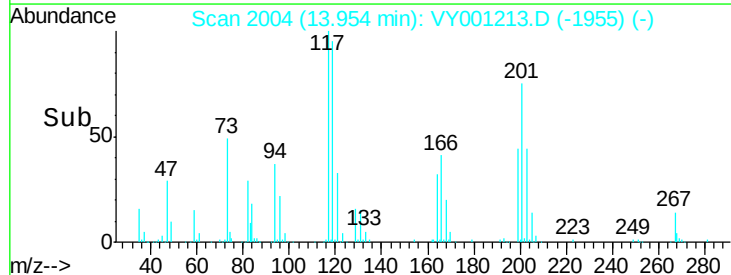
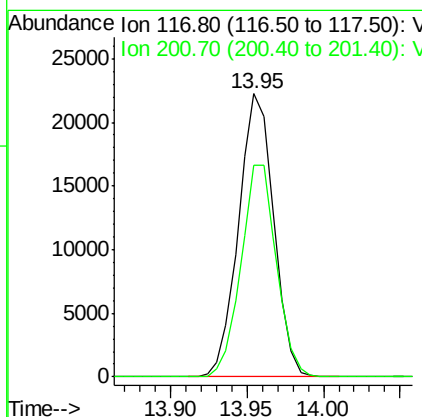
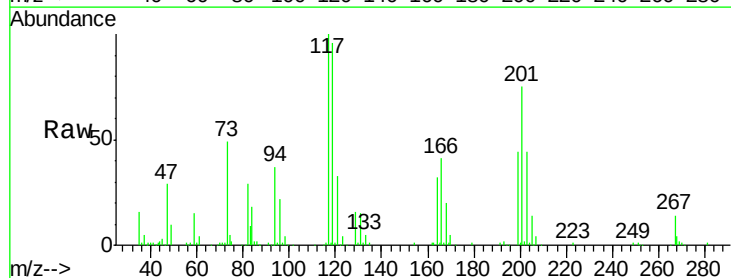
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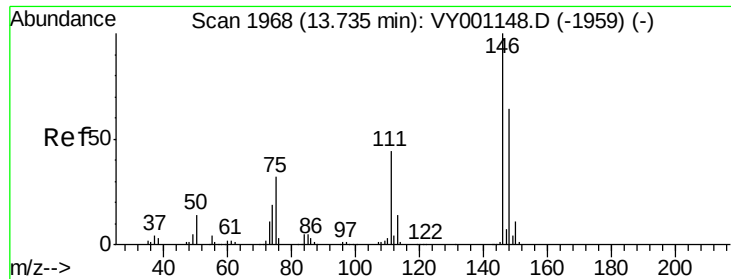
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1/16/2020 9:36:15 AM



#90
Hexachloroethane
Concen: 20.208 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	35.4	106.2





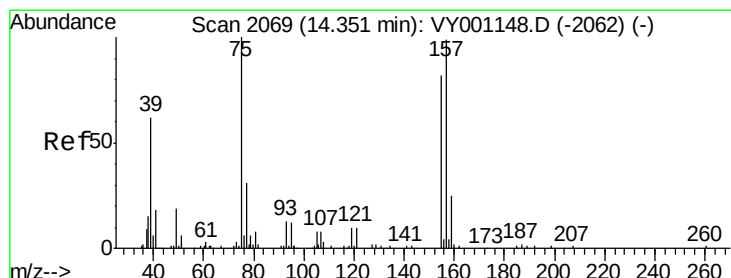
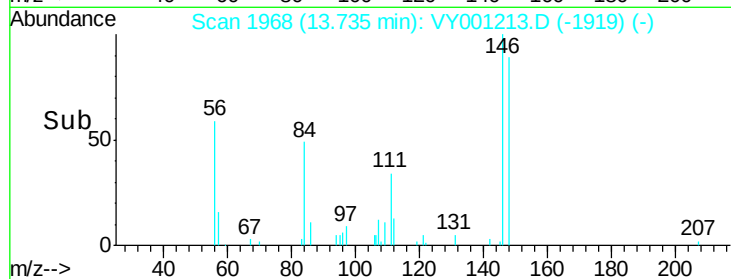
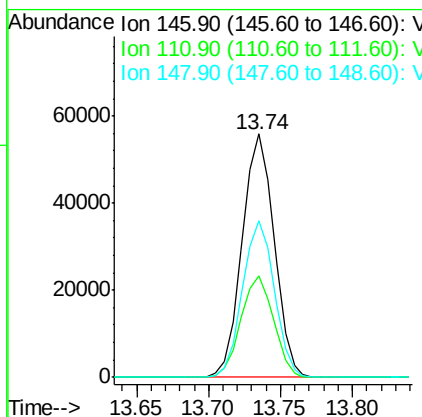
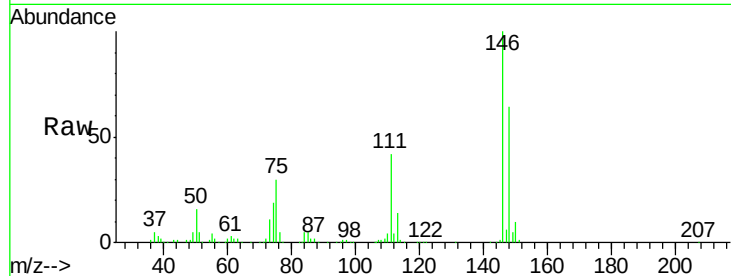
#91
 1,2-Dichlorobenzene
 Concen: 21.666 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.0	66.0
148	63.7	32.1	96.3

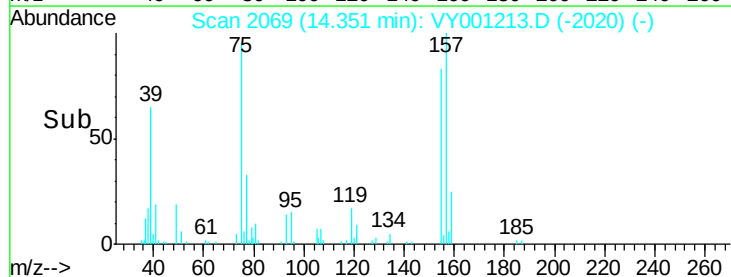
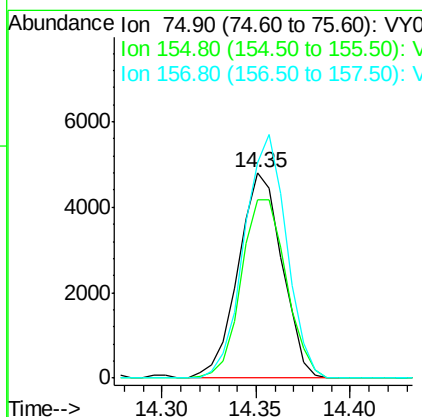
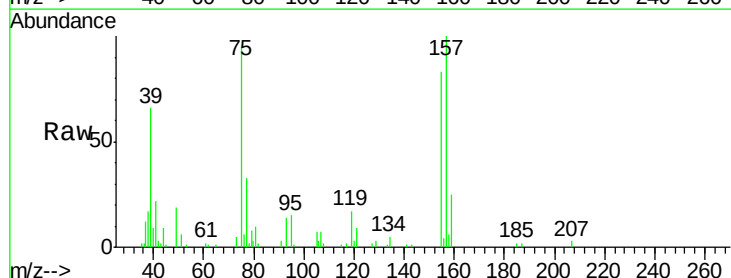
Manual Integrations
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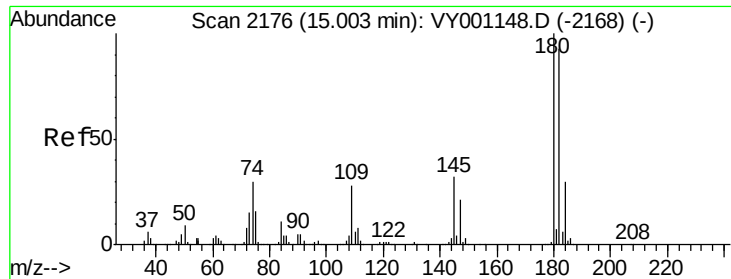
MMDadoda
 1/16/2020 9:36:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.024 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	41.2	123.6
157	113.5	52.8	158.4





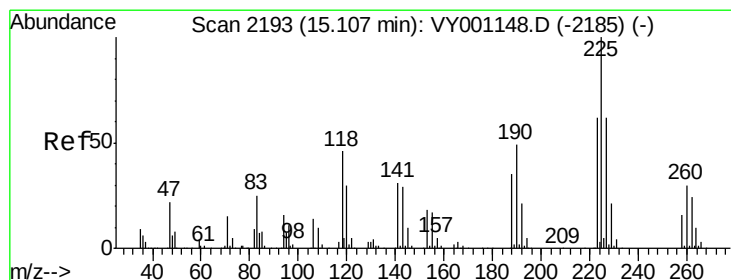
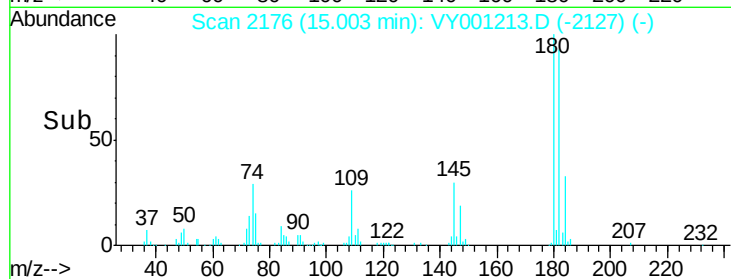
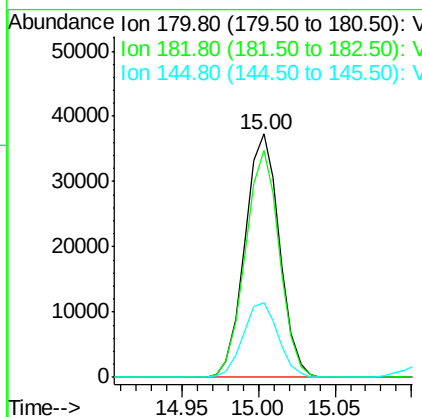
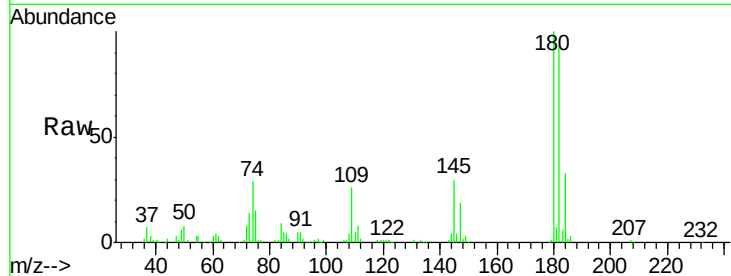
#93
 1,2,4-Trichlorobenzene
 Concen: 22.339 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	46.9	140.8
145	31.3	16.0	48.0

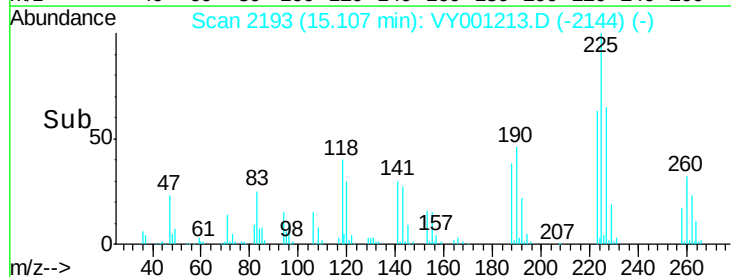
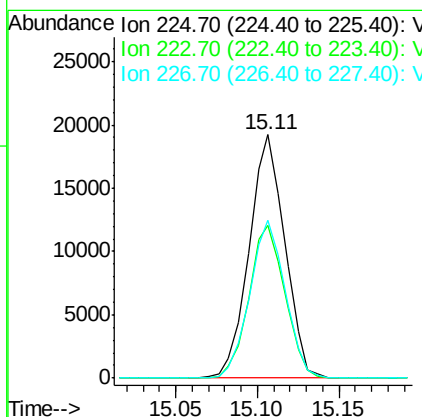
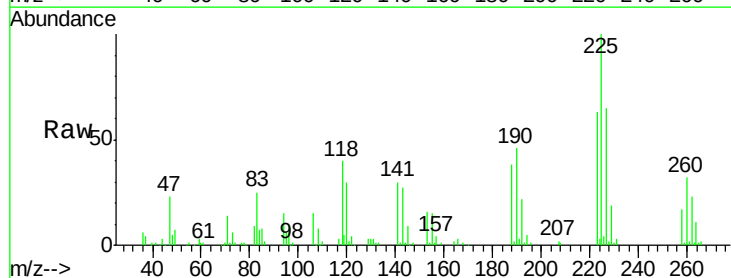
Manual Integrations
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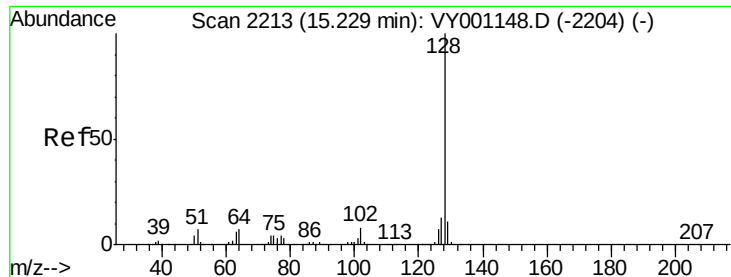
MMDadoda
 1/16/2020 9:36:15 AM



#94
 Hexachlorobutadiene
 Concen: 22.169 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001213.D
 Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.3
227	64.5	31.3	93.9





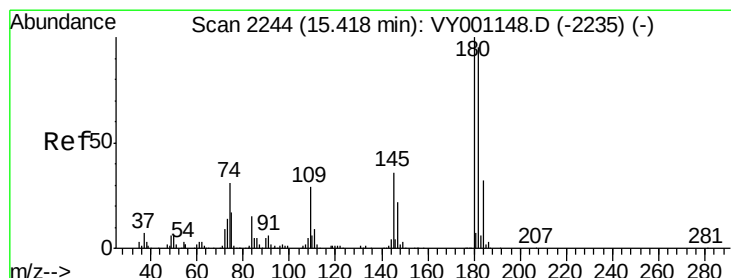
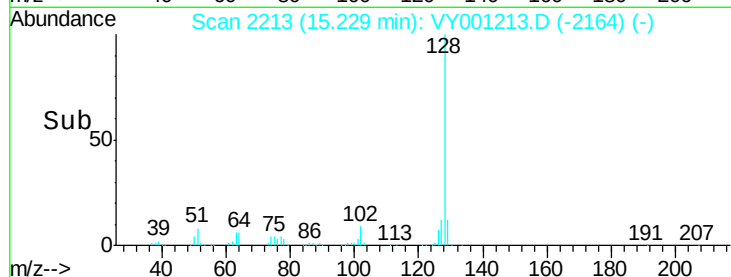
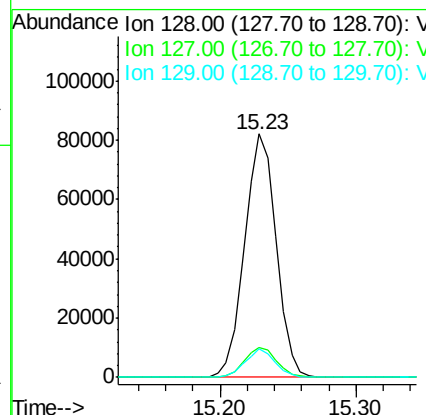
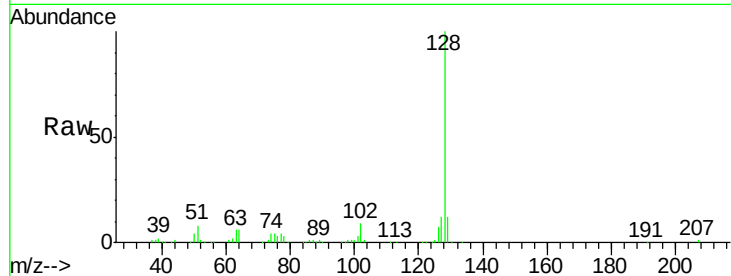
#95
Naphthalene
Concen: 21.812 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	133023		
127	12.5	10.2	15.4	
129	11.1	8.5	12.7	

Manual Integrations
APPROVED

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1/16/2020 9:36:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.022 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001213.D
Acq: 15 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	50843		
182	96.9	47.5	142.5	
145	34.1	17.1	51.3	

