

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002430.D
 Acq On : 21 Apr 2020 14:12
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:44:28 AM

Quant Time: Apr 21 16:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	278271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	430632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	391296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	188244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	93710	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	7.74	113	107875	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.19	98	427471	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.49	95	142650	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33531	17.637	ug/l	99
3) Chloromethane	2.12	50	44300	19.086	ug/l	100
4) Vinyl Chloride	2.26	62	49573	19.825	ug/l	91
5) Bromomethane	2.65	94	30348	18.715	ug/l	99
6) Chloroethane	2.80	64	26856	18.191	ug/l	99
7) Trichlorofluoromethane	3.14	101	74903	19.246	ug/l	96
8) Diethyl Ether	3.55	74	31705	20.641	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	50617	19.883	ug/l	99
10) Methyl Iodide	4.11	142	64124	18.680	ug/l	98
11) Tert butyl alcohol	4.98	59	24943	103.122	ug/l #	91
12) 1,1-Dichloroethene	3.89	96	51876	19.632	ug/l	93
13) Acrolein	3.75	56	21198	89.177	ug/l	99
14) Allyl chloride	4.50	41	63725	19.609	ug/l	99
15) Acrylonitrile	5.19	53	72121	104.760	ug/l	98
16) Acetone	3.97	43	49715	91.920	ug/l	99
17) Carbon Disulfide	4.22	76	153098	19.016	ug/l	99
18) Methyl Acetate	4.50	43	31199	20.182	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124624	20.082	ug/l	97
20) Methylene Chloride	4.74	84	64007	21.149	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	56794	19.861	ug/l	99
22) Diisopropyl ether	6.14	45	129788	19.919	ug/l	99
23) Vinyl Acetate	6.08	43	414105	100.901	ug/l	99
24) 1,1-Dichloroethane	6.05	63	81699	19.772	ug/l	98
25) 2-Butanone	7.01	43	75186	97.524	ug/l	99
26) 2,2-Dichloropropane	7.01	77	69152	19.118	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	61827	19.937	ug/l	99
28) Bromochloromethane	7.36	49	31607	20.075	ug/l	96
29) Tetrahydrofuran	7.36	42	50173	101.471	ug/l	99
30) Chloroform	7.53	83	84355	19.782	ug/l	91
31) Cyclohexane	7.80	56	77972	18.617	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	73281	19.458	ug/l	99
36) 1,1-Dichloropropene	7.94	75	66996	19.335	ug/l	99
37) Ethyl Acetate	7.10	43	34096	21.043	ug/l	98
38) Carbon Tetrachloride	7.92	117	66865	19.158	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	92199	19.272	ug/l	96
40) Benzene	8.18	78	212875	19.961	ug/l	99
41) Methacrylonitrile	7.33	41	15455m	17.909	ug/l	
42) 1,2-Dichloroethane	8.25	62	49433	19.674	ug/l	99
43) Isopropyl Acetate	8.29	43	60027	19.756	ug/l	98
44) Trichloroethene	8.96	130	71553	20.068	ug/l	100
45) 1,2-Dichloropropane	9.23	63	48110	19.750	ug/l	95
46) Dibromomethane	9.32	93	28513	20.055	ug/l	99
47) Bromodichloromethane	9.51	83	63671	19.740	ug/l	95
48) Methyl methacrylate	9.30	41	26506	19.537	ug/l	97
49) 1,4-Dioxane	9.31	88	8641	412.260	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	165770	105.042	ug/l	99
52) Toluene	10.25	92	133742	19.815	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67254	19.495	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	81448	19.850	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	43661	20.475	ug/l	98
56) Ethyl methacrylate	10.52	69	55964	20.376	ug/l	98
57) 1,3-Dichloropropane	10.80	76	70426	20.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	139057	102.204	ug/l	99
59) 2-Hexanone	10.84	43	113299	101.156	ug/l	100
60) Dibromochloromethane	10.99	129	52056	20.268	ug/l	99
61) 1,2-Dibromoethane	11.10	107	42233	20.299	ug/l	98
64) Tetrachloroethene	10.72	164	80164	19.203	ug/l	97
65) Chlorobenzene	11.52	112	146952	19.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	51780	19.552	ug/l	99
67) Ethyl Benzene	11.60	91	250769	19.315	ug/l	98
68) m/p-Xylenes	11.71	106	194900	38.846	ug/l	99
69) o-Xylene	12.03	106	92840	19.641	ug/l	100
70) Styrene	12.05	104	159623	19.726	ug/l	100
71) Bromoform	12.22	173	32373	19.976	ug/l #	98
73) Isopropylbenzene	12.33	105	248437	20.109	ug/l	100
74) N-amyl acetate	12.15	43	54282	20.101	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	28677	18.854	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	29804m	17.972	ug/l	
77) Bromobenzene	12.61	156	60337	19.386	ug/l	99
78) n-propylbenzene	12.67	91	273563	18.746	ug/l	100
79) 2-Chlorotoluene	12.76	91	147759	18.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	189994	18.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17514	20.582	ug/l	98
82) 4-Chlorotoluene	12.86	91	153236	18.298	ug/l #	100
83) tert-Butylbenzene	13.08	119	170352	19.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	178746	17.516	ug/l	100
85) sec-Butylbenzene	13.26	105	232143	18.449	ug/l	98
86) p-Isopropyltoluene	13.38	119	218650	19.159	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	112802	19.484	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	114926	19.613	ug/l	100
89) n-Butylbenzene	13.70	91	216102	20.310	ug/l	100
90) Hexachloroethane	13.97	117	42258	19.750	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	110268	20.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7239	20.851	ug/l	98

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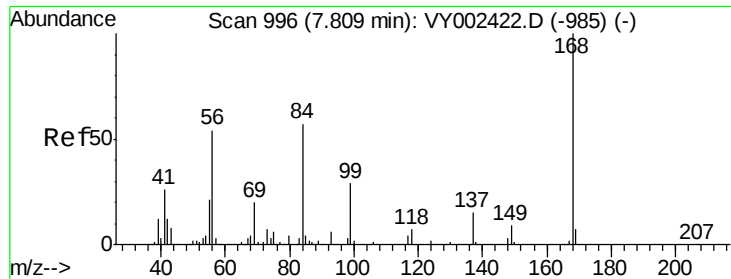
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	79998	21.073	ug/l	98
94) Hexachlorobutadiene	15.12	225	43725	21.004	ug/l	99
95) Naphthalene	15.25	128	154172	20.950	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	67044	20.345	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion:168 Resp: 278271

Ion Ratio Lower Upper

168 100

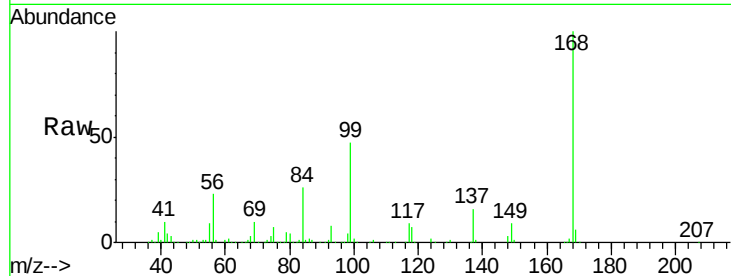
99 46.7 37.0 55.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

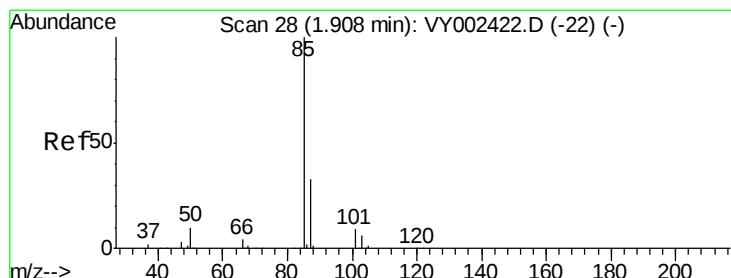
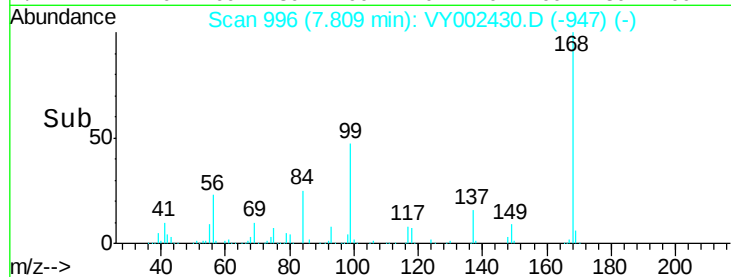
7.81

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.637 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002430.D

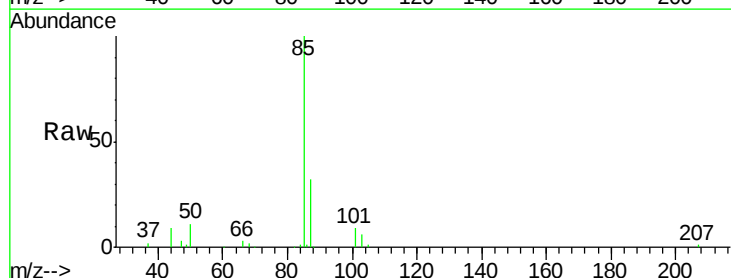
Acq: 21 Apr 2020 14:12

Tgt Ion: 85 Resp: 33531

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

25000

20000

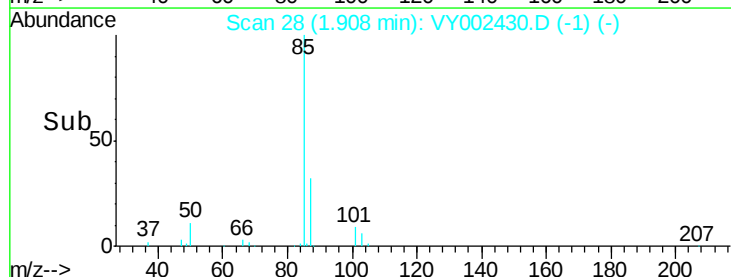
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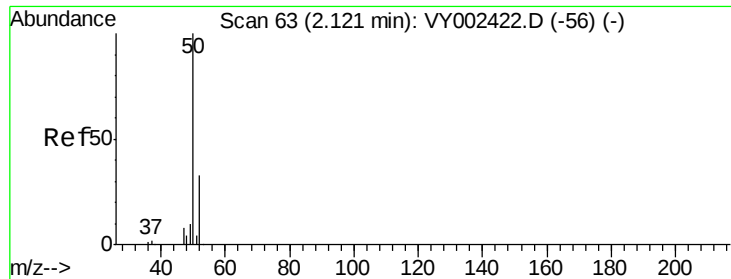
10000

5000

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Time-->





#3

Chloromethane

Concen: 19.086 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 50 Resp: 44300

Ion Ratio Lower Upper

50 100

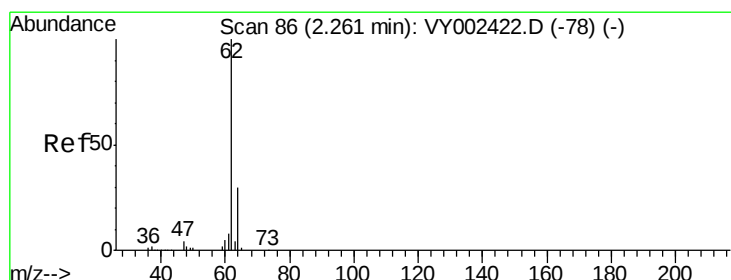
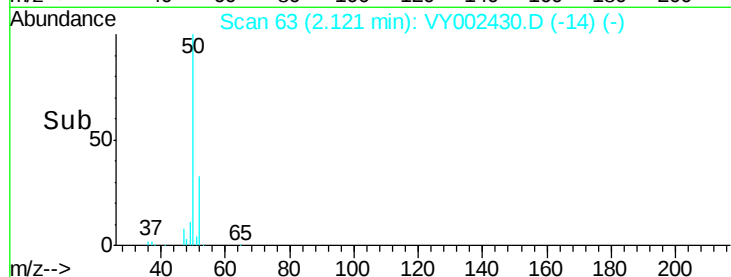
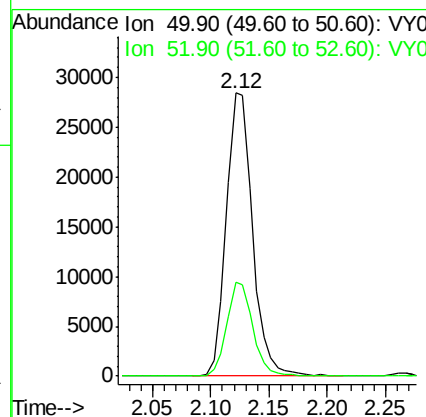
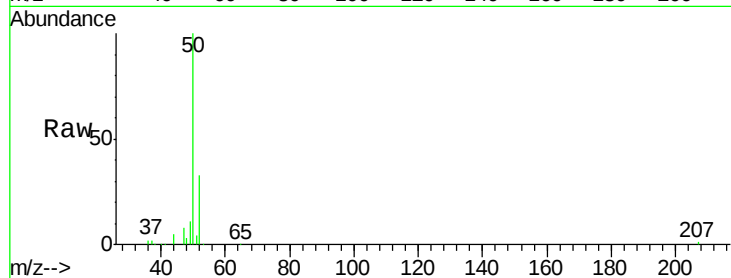
52 33.4 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.825 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002430.D

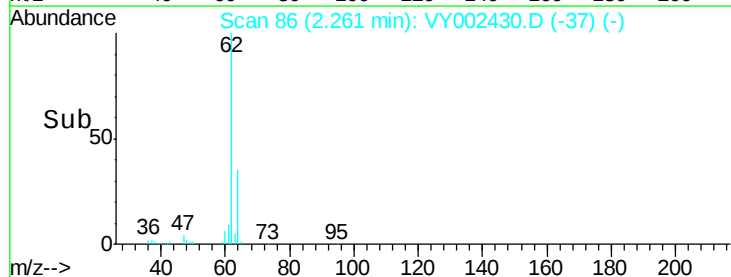
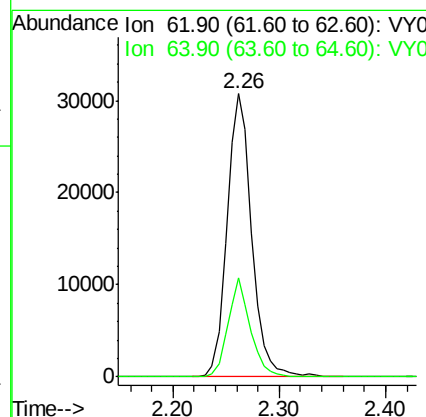
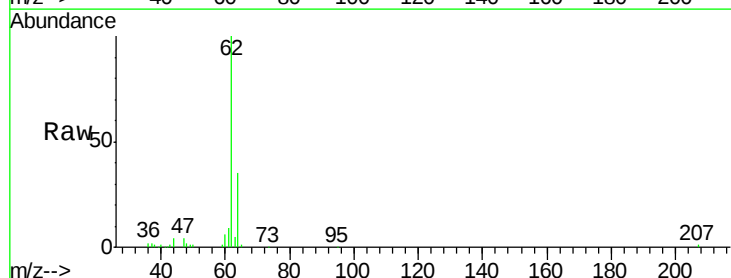
Acq: 21 Apr 2020 14:12

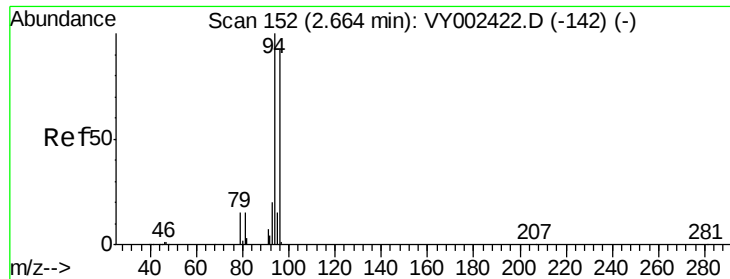
Tgt Ion: 62 Resp: 49573

Ion Ratio Lower Upper

62 100

64 35.0 24.1 36.1





#5

Bromomethane

Concen: 18.715 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

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ClientSampleId :

VY0421SBS01

Tot Ion: 94 Resp: 30348

Ion Ratio Lower Upper

94 100

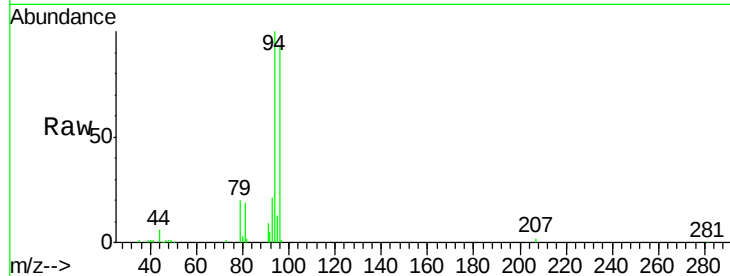
96 93.2 73.5 110.3

Manual Integrations

APPROVED

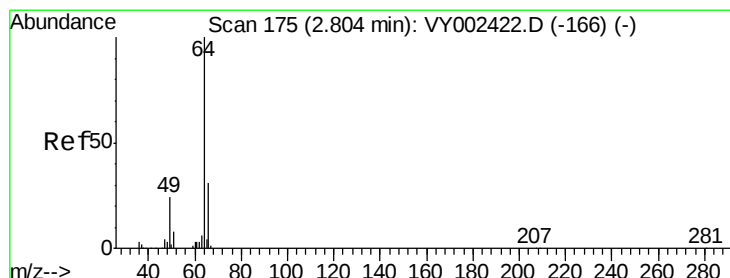
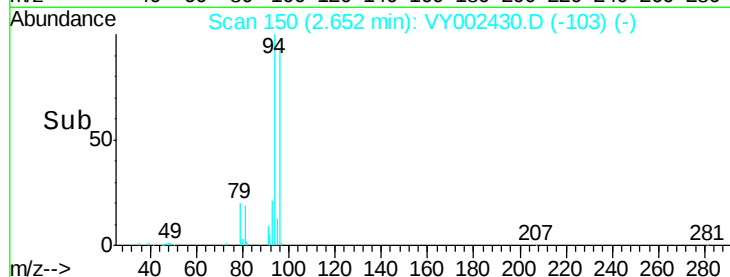
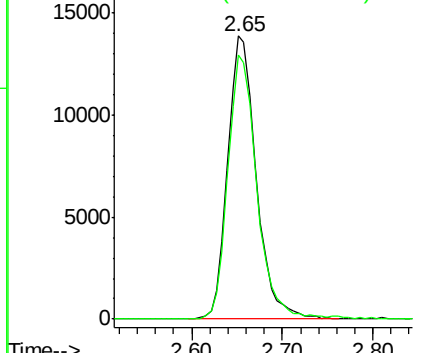
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.191 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002430.D

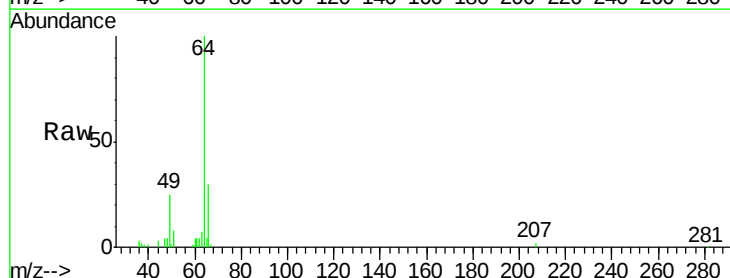
Acq: 21 Apr 2020 14:12

Tgt Ion: 64 Resp: 26856

Ion Ratio Lower Upper

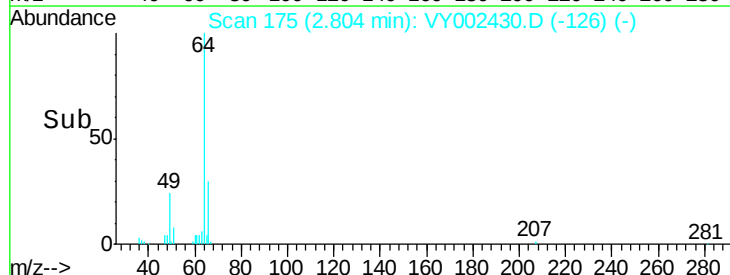
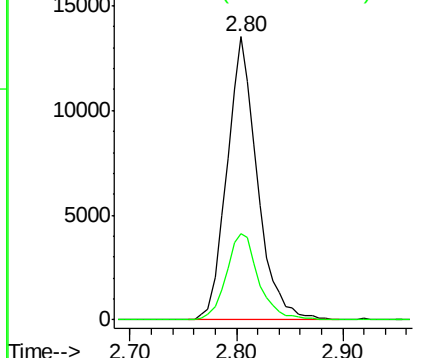
64 100

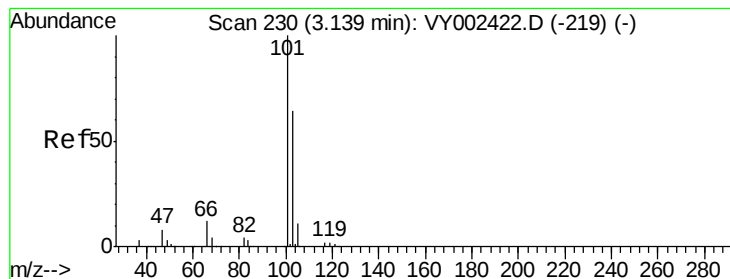
66 30.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

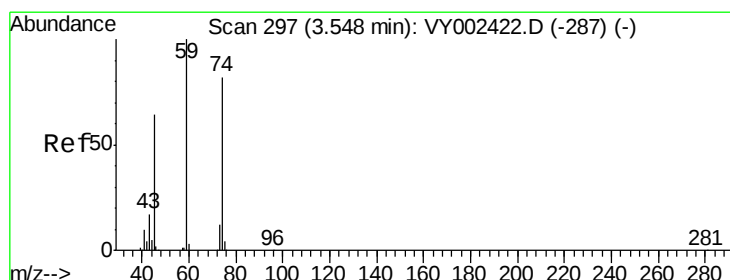
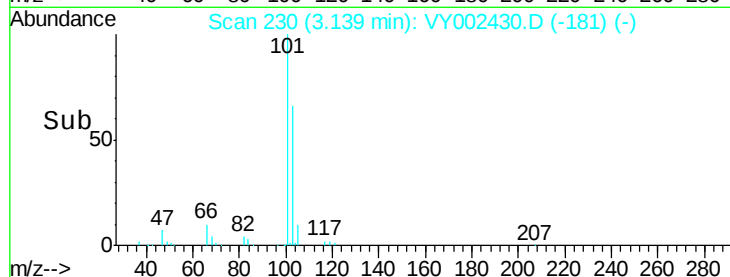
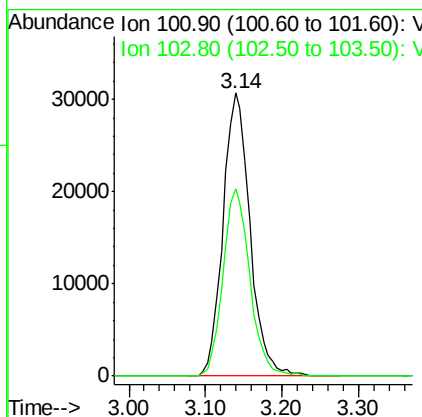
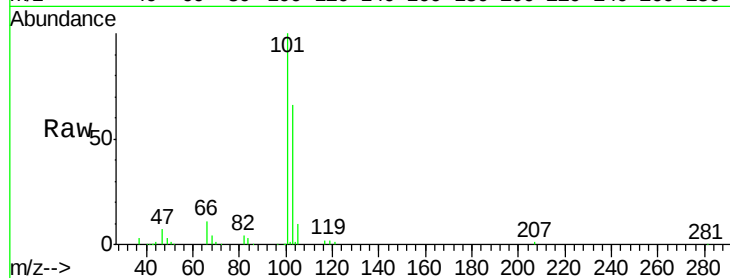
Trichlorofluoromethane
 Concen: 19.246 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	74903		
103	66.4	50.8	76.2	

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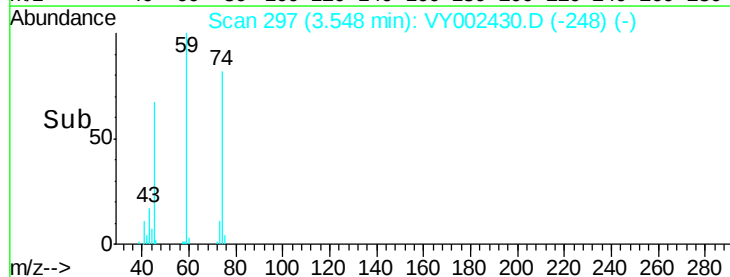
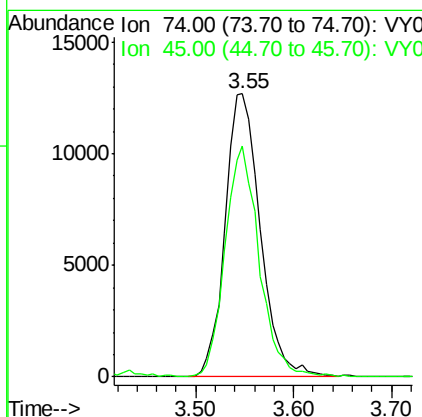
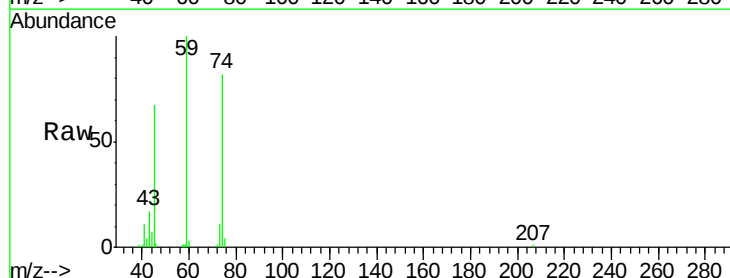
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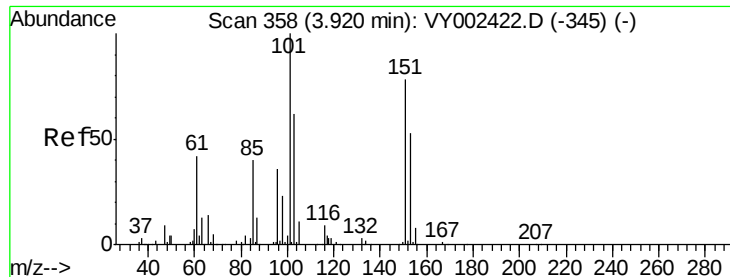


#8

Diethyl Ether
 Concen: 20.641 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002430.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	31705		
45	79.0	39.5	118.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.883 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.00 min

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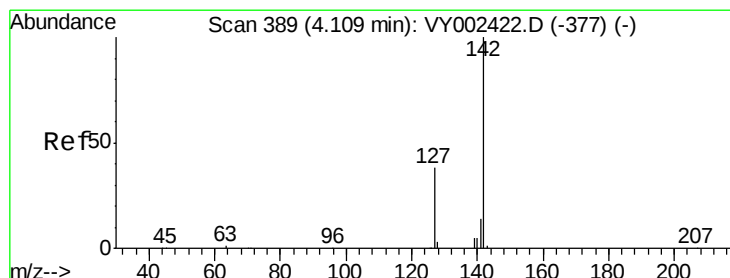
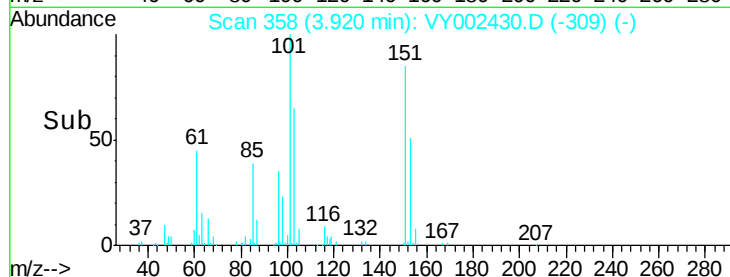
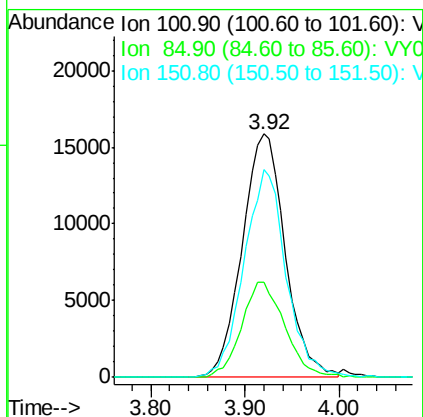
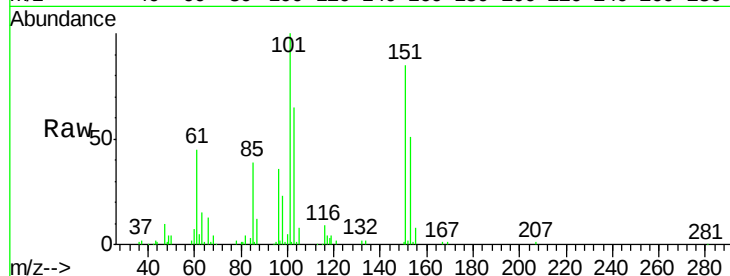
ClientSampleId :

VY0421SBS01

Tot Ion:	101	Resp:	50617
Ion Ratio	Lower	Upper	
101	100		
85	39.4	32.2	48.4
151	83.8	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.680 ug/l

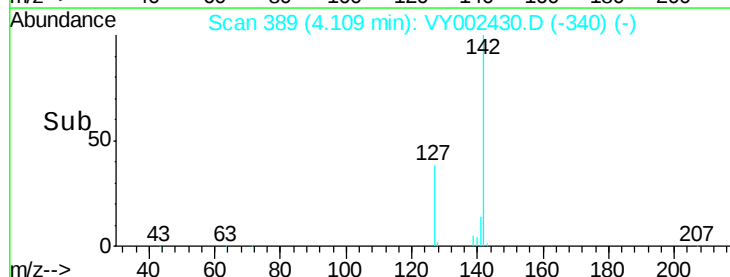
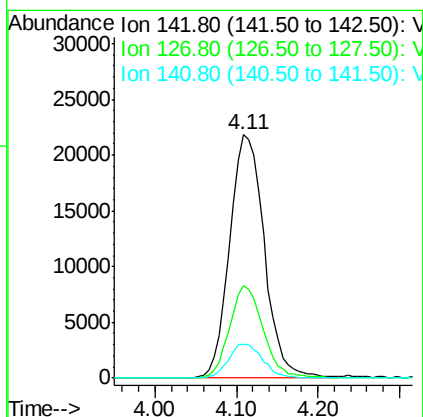
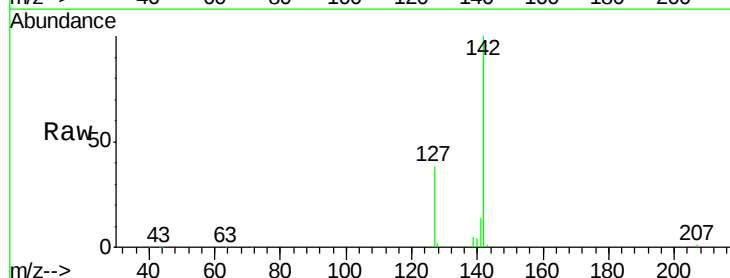
RT: 4.11 min Scan# 389

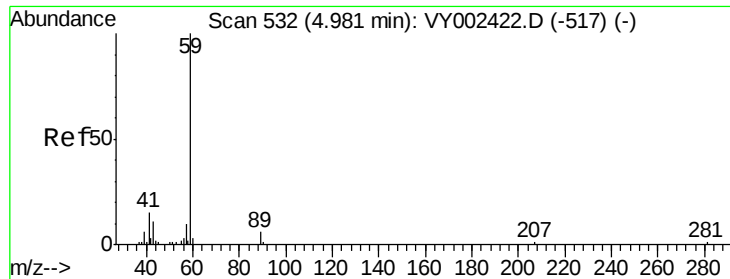
Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion:	142	Resp:	64124
Ion Ratio	Lower	Upper	
142	100		
127	37.0	30.7	46.1
141	13.8	11.4	17.2





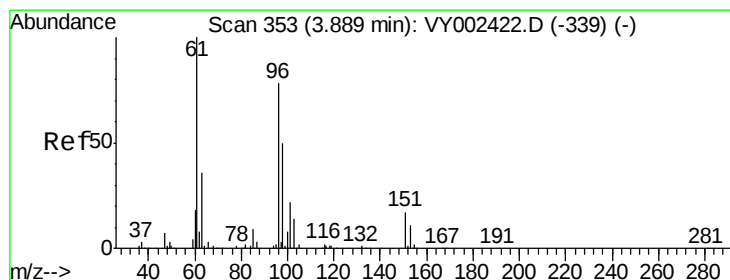
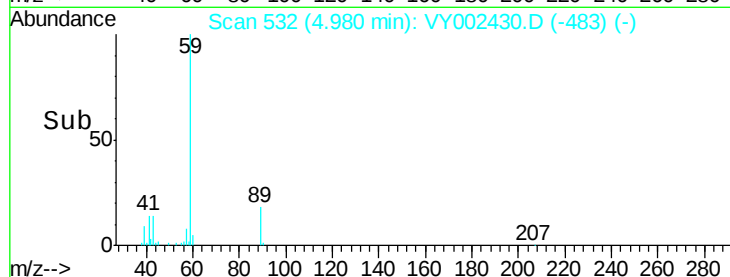
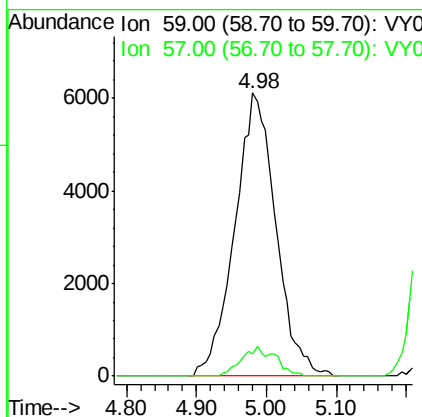
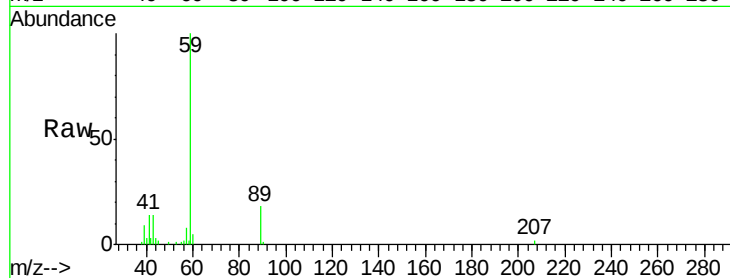
#11
Tert butyl alcohol
Concen: 103.122 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion: 59 Resp: 24943
Ion Ratio Lower Upper
59 100
57 5.9 7.4 11.2#

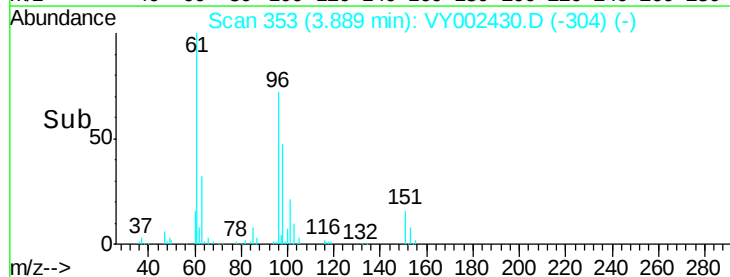
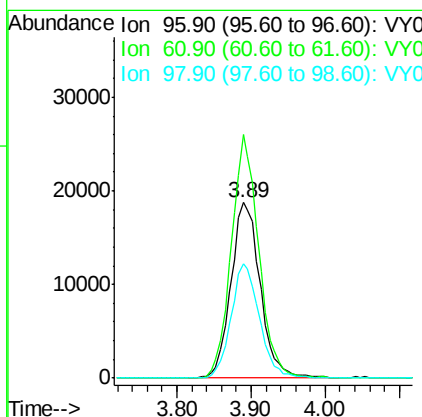
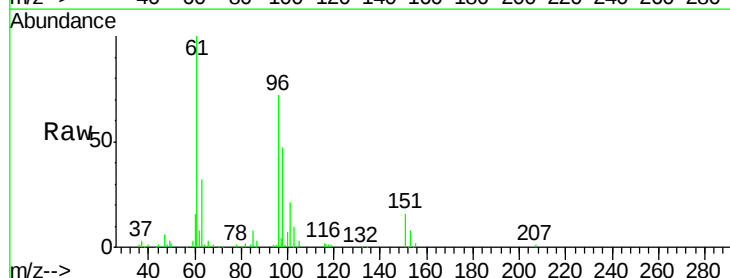
Manual Integrations
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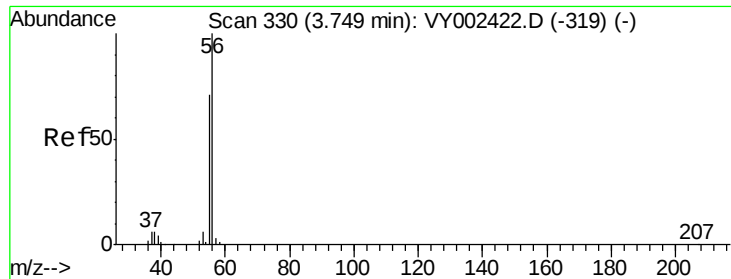
MMDadoda
4/22/2020 11:44:28 AM



#12
1,1-Dichloroethene
Concen: 19.632 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 96 Resp: 51876
Ion Ratio Lower Upper
96 100
61 138.6 102.1 153.1
98 65.4 51.3 76.9





#13

Acrolein

Concen: 89.177 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 56 Resp: 21198

Ion Ratio Lower Upper

56 100

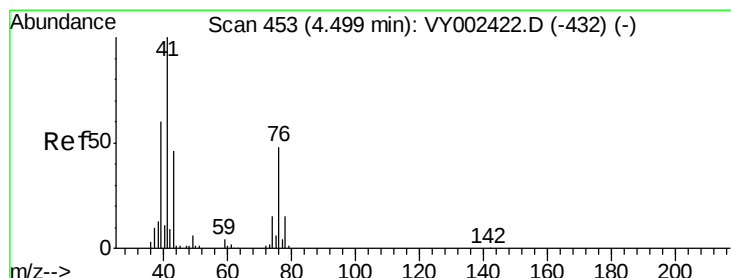
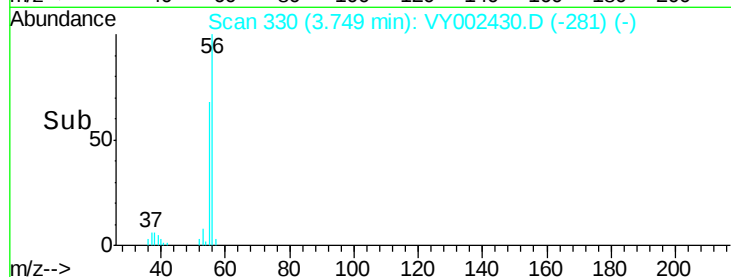
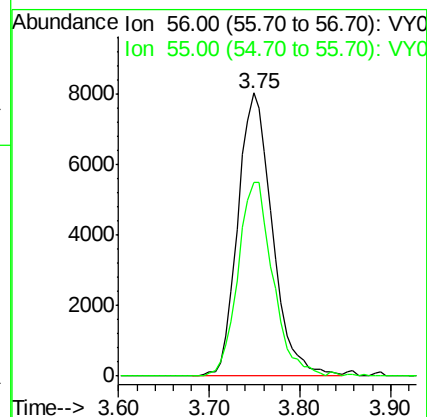
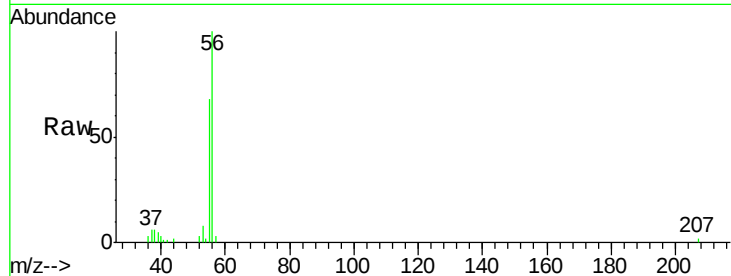
55 68.8 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 19.609 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

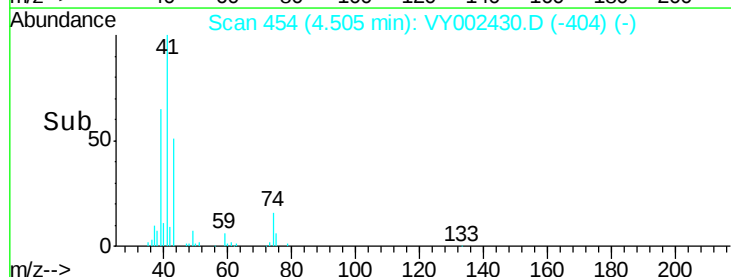
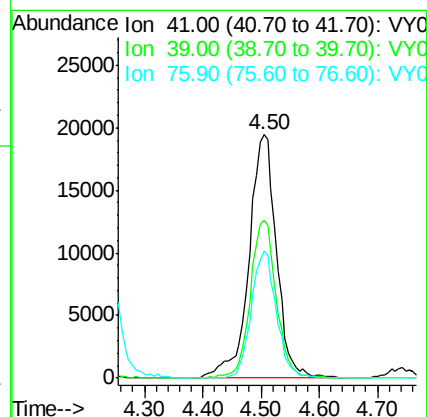
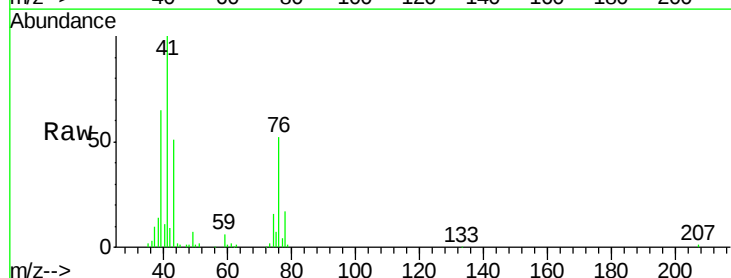
Tgt Ion: 41 Resp: 63725

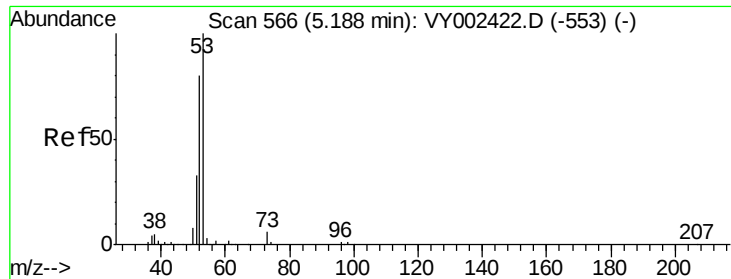
Ion Ratio Lower Upper

41 100

39 60.7 49.1 73.7

76 47.3 38.6 57.8





#15

Acrylonitrile

Concen: 104.760 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

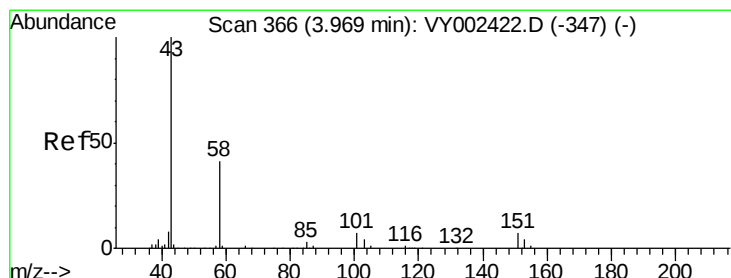
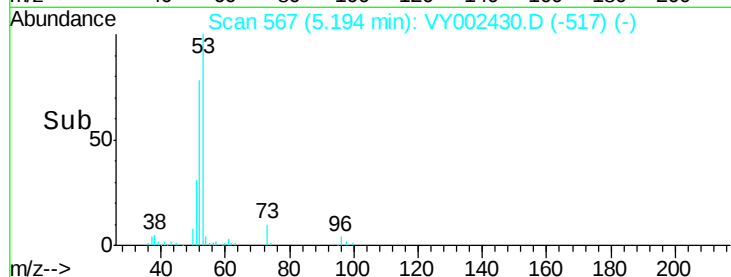
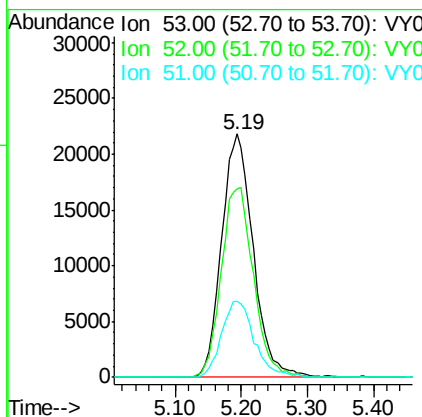
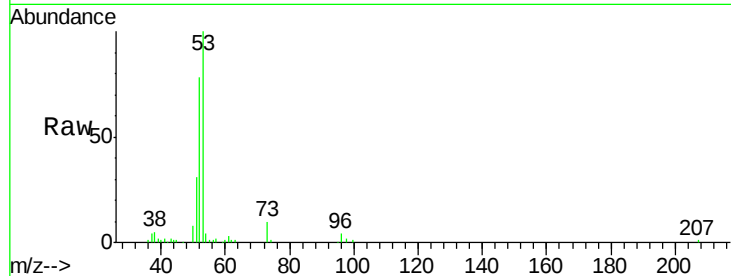
ClientSampleId :

VY0421SBS01

Tot Ion:	53	Resp:	72121
Ion Ratio	Lower	Upper	
53	100		
52	79.6	65.1	97.7
51	32.6	26.8	40.2

Manual Integrations
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#16

Acetone

Concen: 91.920 ug/l

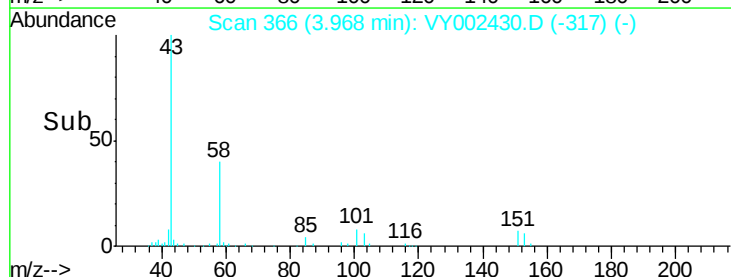
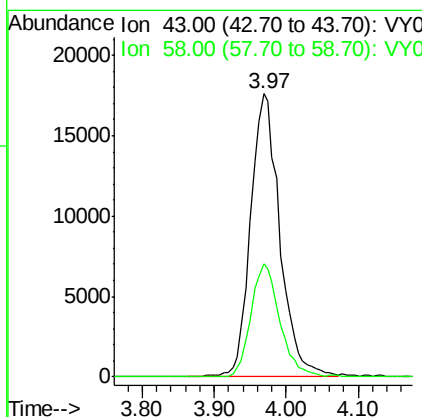
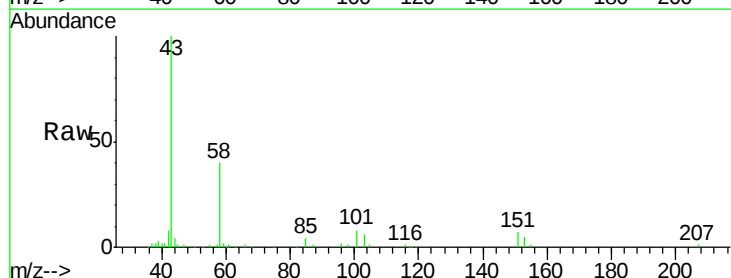
RT: 3.97 min Scan# 366

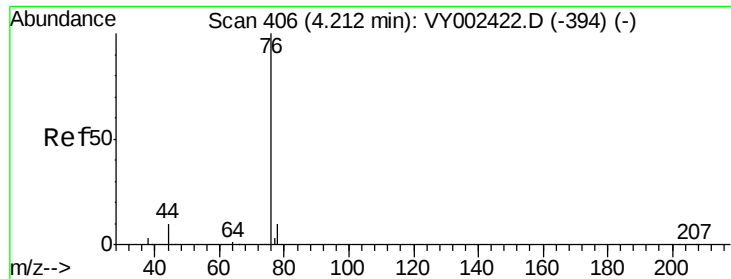
Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion:	43	Resp:	49715
Ion Ratio	Lower	Upper	
43	100		
58	39.9	32.6	48.8





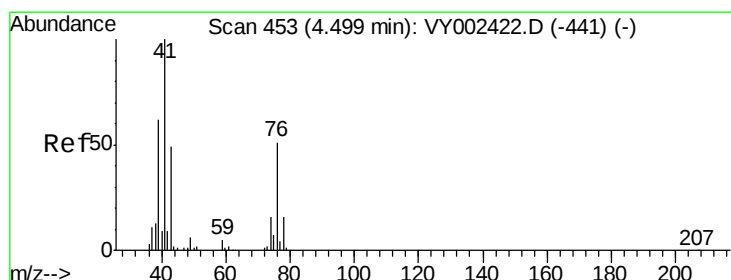
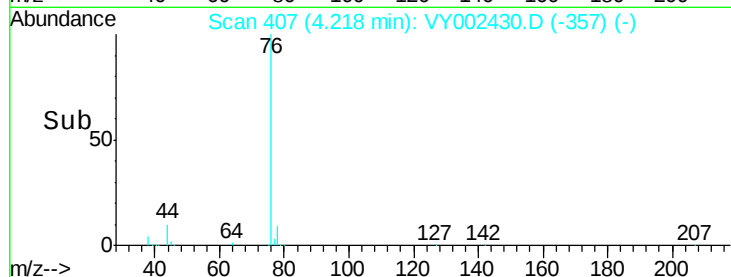
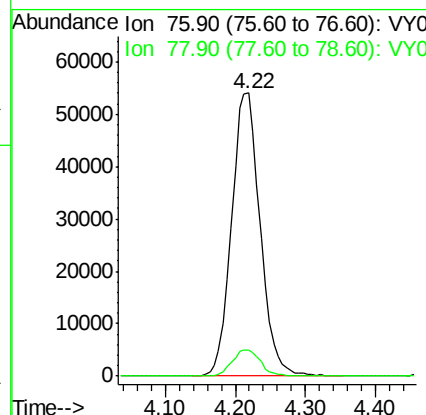
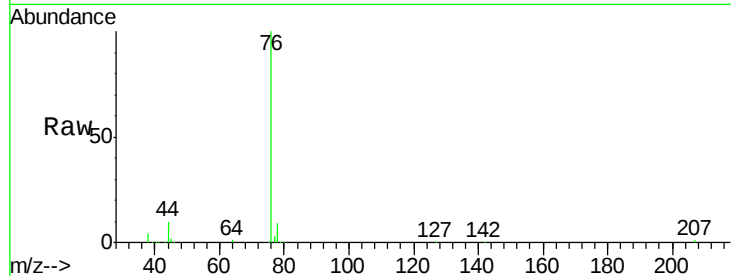
#17
Carbon Disulfide
Concen: 19.016 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.8	11.6

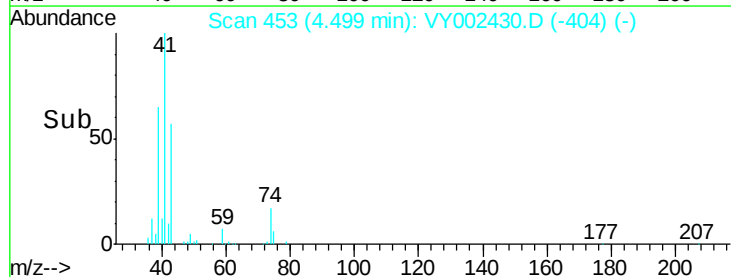
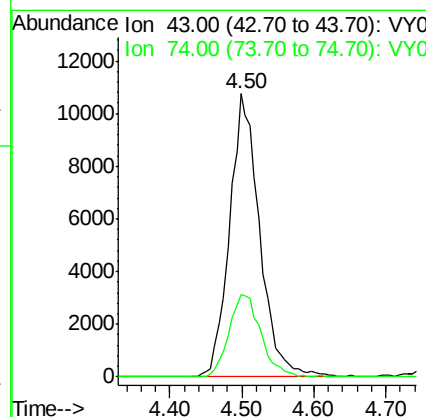
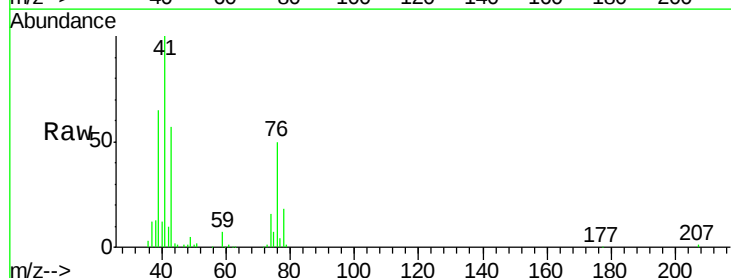
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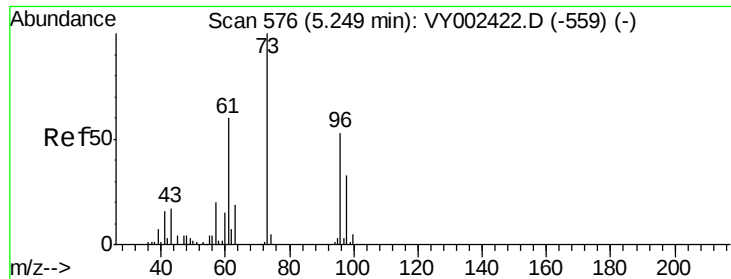
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4/22/2020 11:44:28 AM



#18
Methyl Acetate
Concen: 20.182 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.7	24.8	37.2





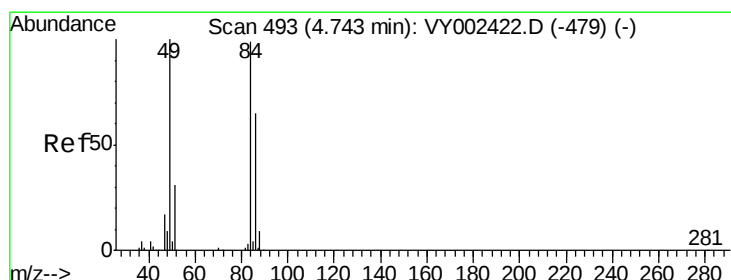
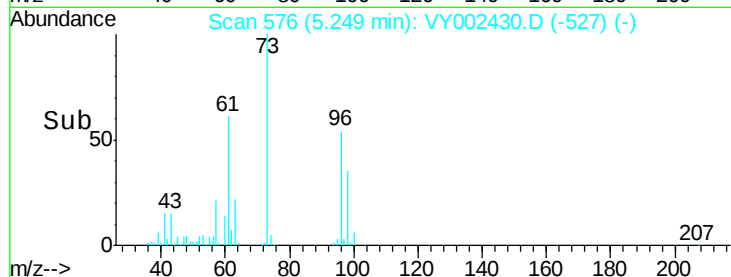
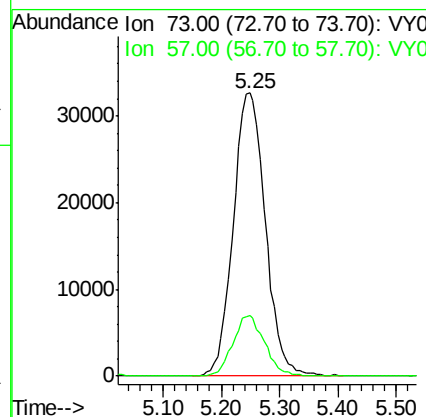
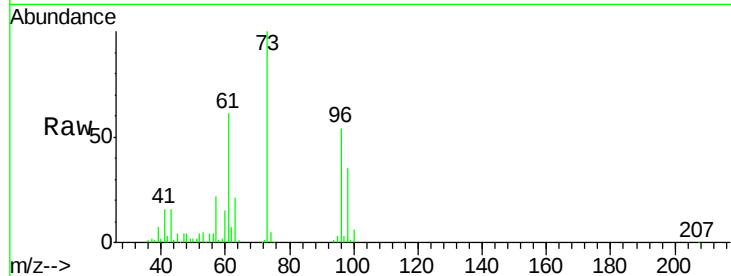
#19
Methvl tert-butvl Ether
Concen: 20.082 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.3	24.5

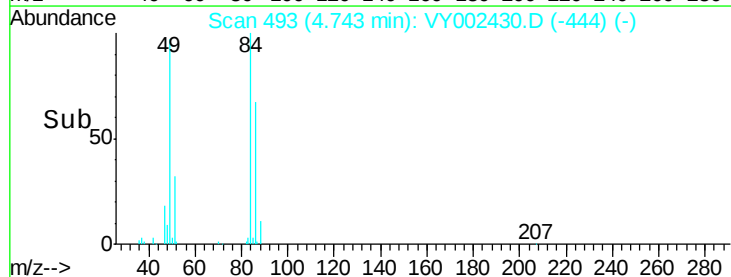
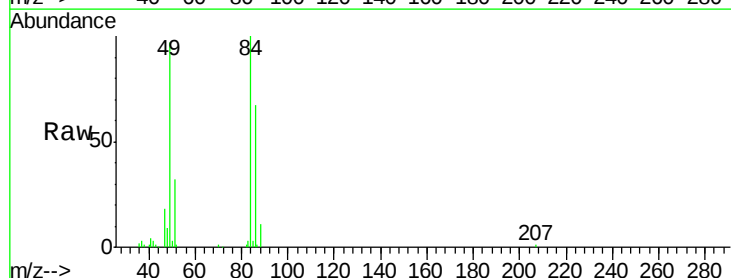
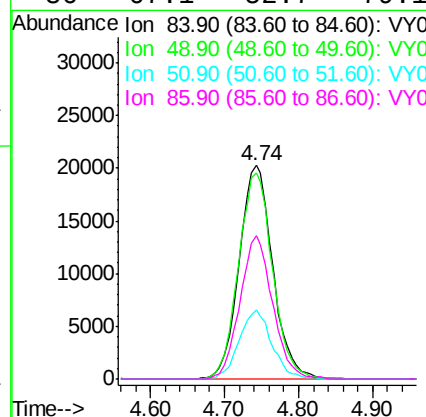
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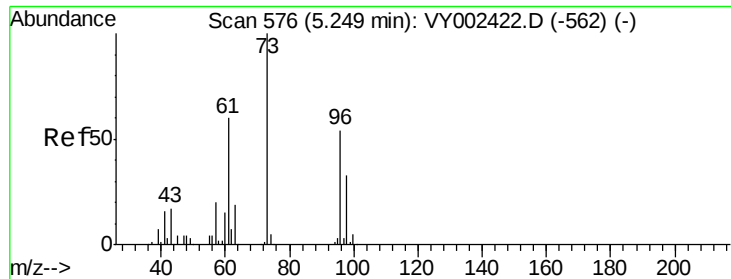
MMDadoda
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#20
Methylene Chloride
Concen: 21.149 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	96.7	81.0	121.6
51	32.3	24.9	37.3
86	67.1	52.7	79.1





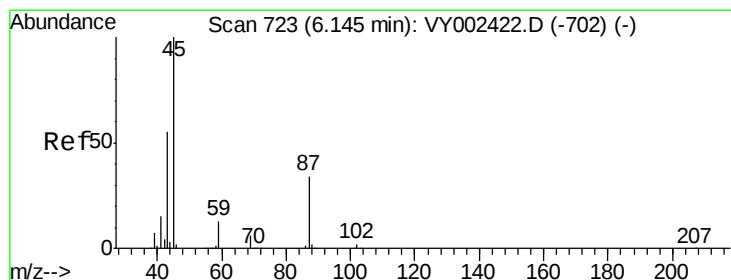
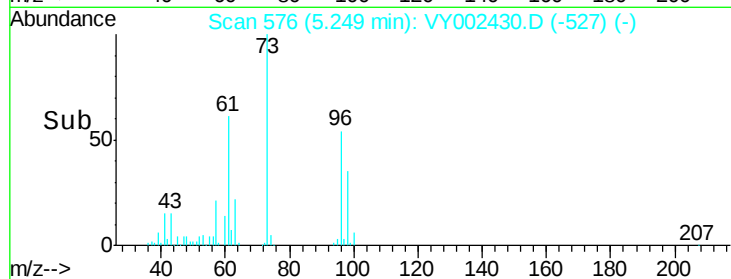
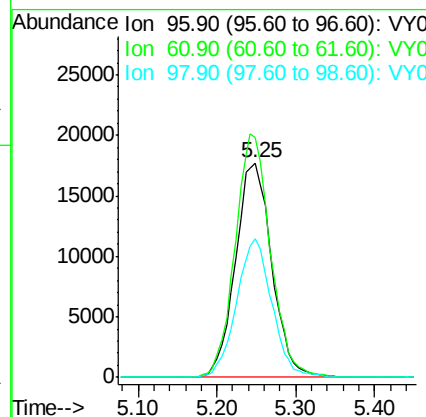
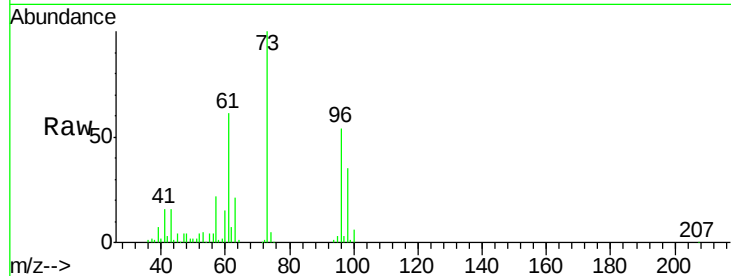
#21
trans-1,2-Dichloroethene
Concen: 19.861 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.1	89.7	134.5
98	64.8	49.7	74.5

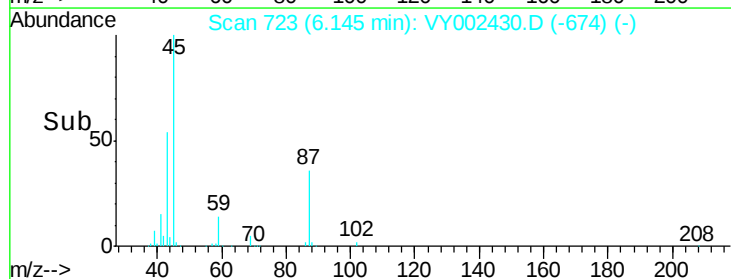
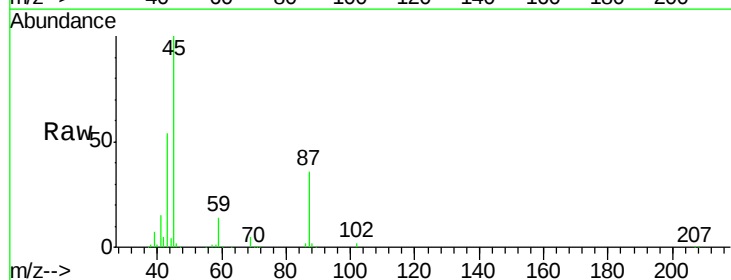
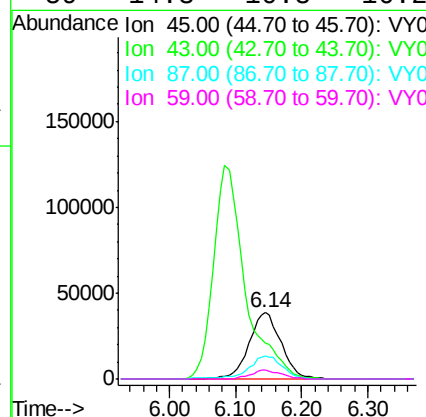
Manual Integrations
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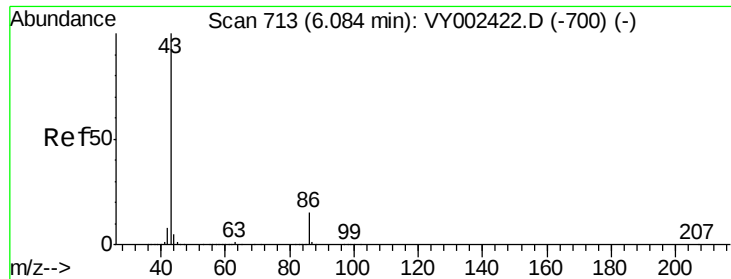
MMDadoda
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#22
Diisopropyl ether
Concen: 19.919 ug/l
RT: 6.14 min Scan# 723
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.4	43.8	65.6
87	35.6	27.4	41.2
59	14.3	10.8	16.2





#23

Vinyl Acetate

Concen: 100.901 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tot Ion: 43 Resp: 414105

Ion Ratio Lower Upper

43 100

86 14.2 11.7 17.5

Instrument :

MSVOA_Y

ClientSampleId :

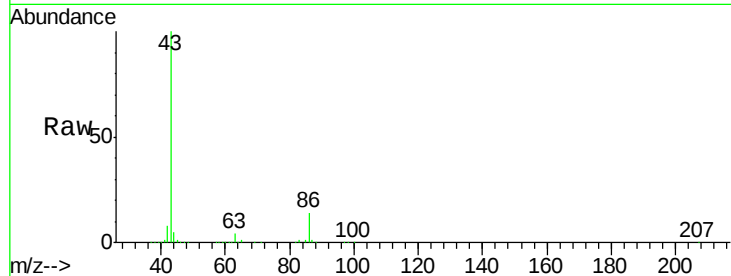
VY0421SBS01

Manual Integrations

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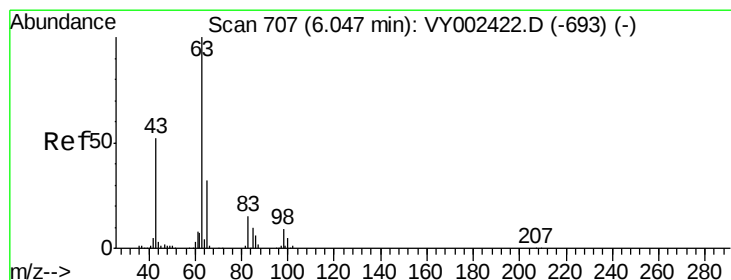
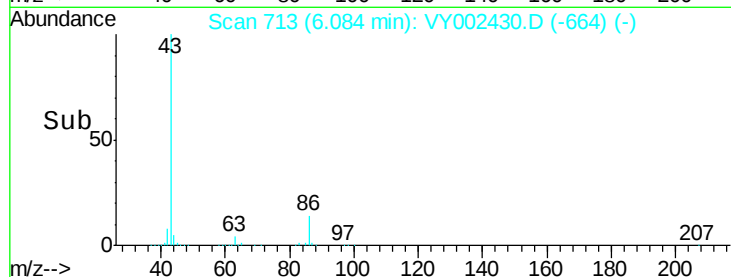
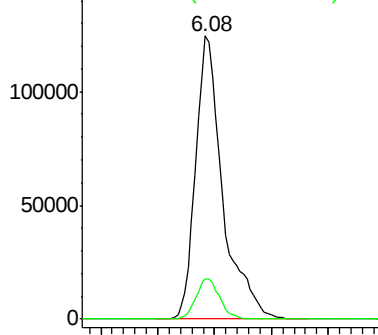
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.772 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

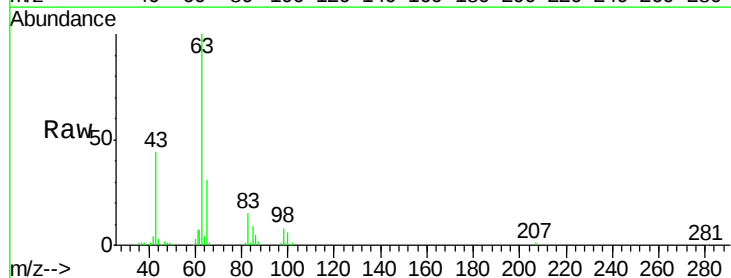
Tgt Ion: 63 Resp: 81699

Ion Ratio Lower Upper

63 100

98 8.5 4.5 13.4

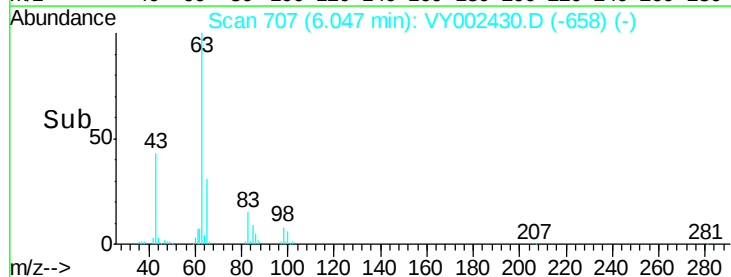
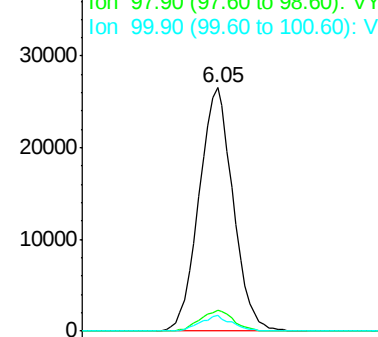
100 6.3 2.6 8.0

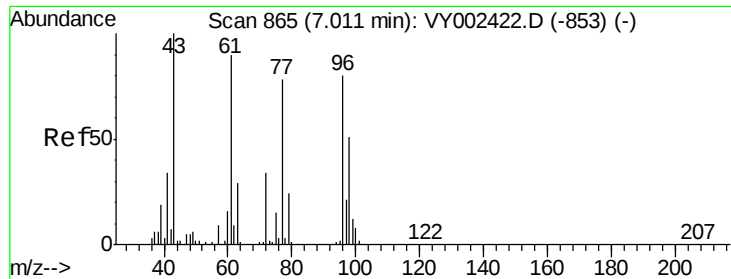


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 97.524 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 43 Resp: 75186

Ion Ratio Lower Upper

43 100

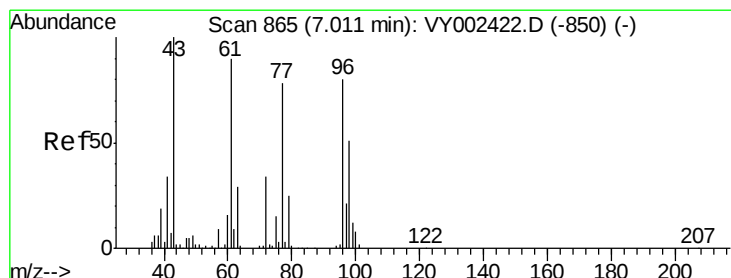
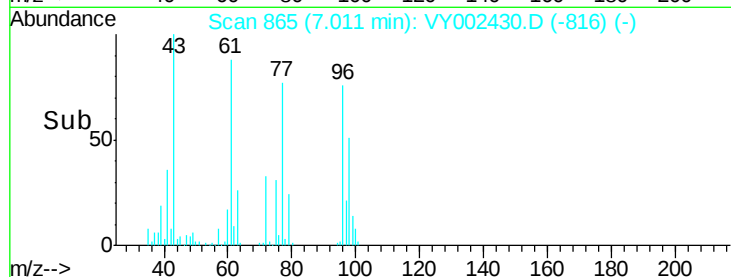
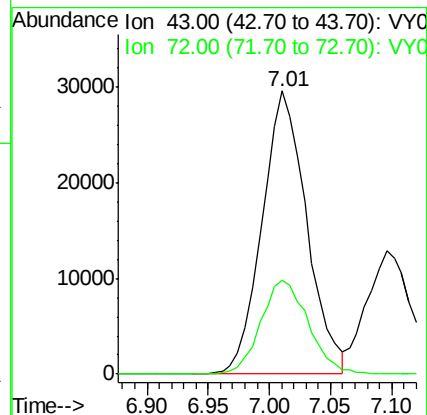
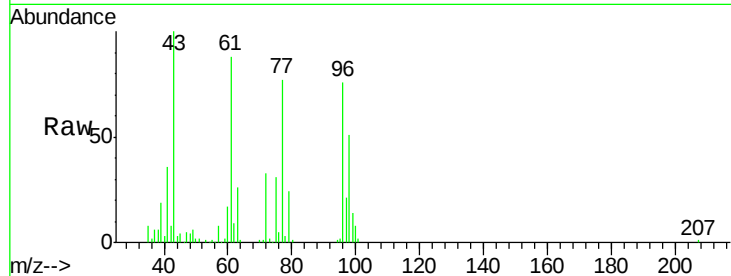
72 33.2 27.0 40.6

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#26

2,2-Dichloropropane

Concen: 19.118 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002430.D

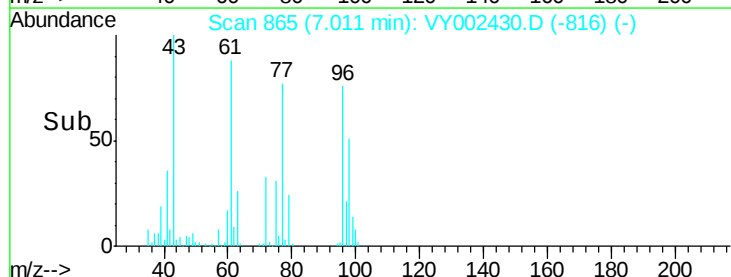
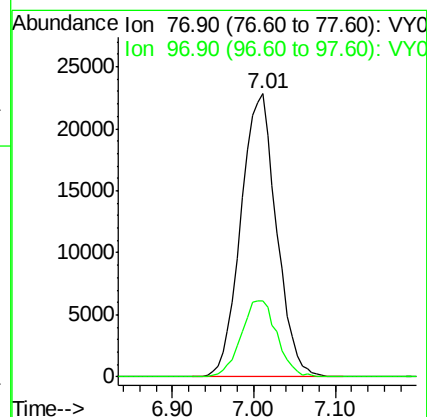
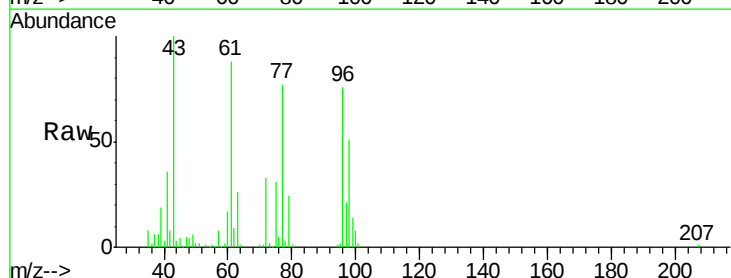
Acq: 21 Apr 2020 14:12

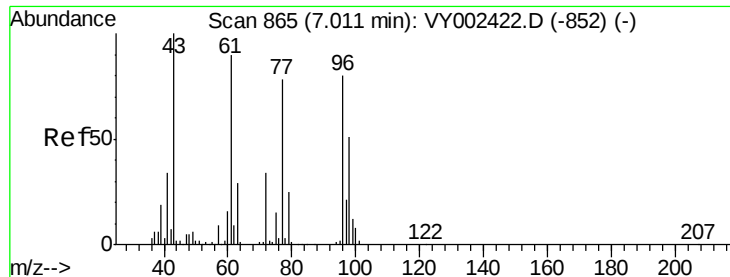
Tgt Ion: 77 Resp: 69152

Ion Ratio Lower Upper

77 100

97 27.3 13.5 40.5





#27

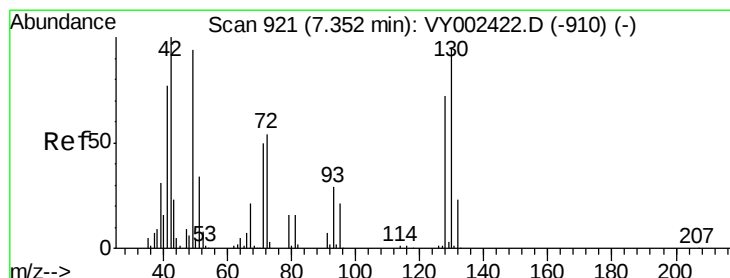
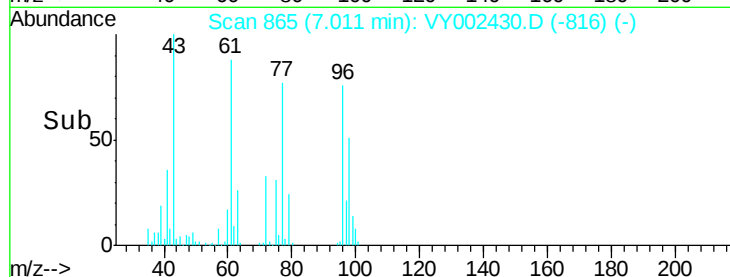
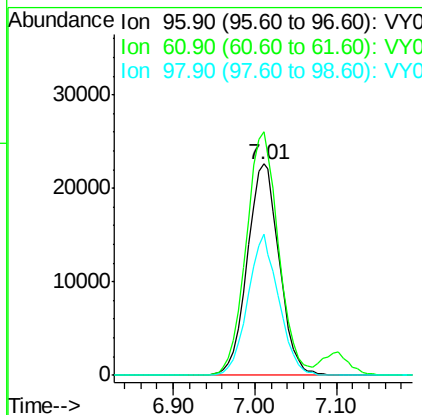
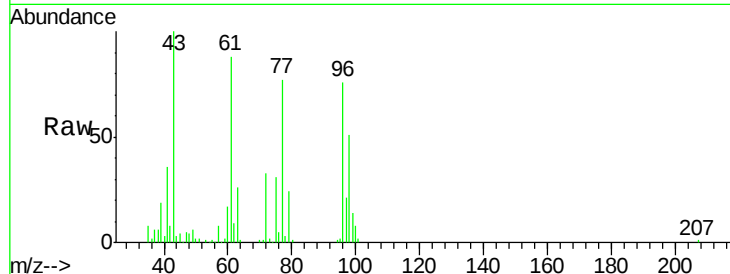
cis-1,2-Dichloroethene
 Concen: 19.937 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.5	0.0	236.2
98	64.1	0.0	130.2

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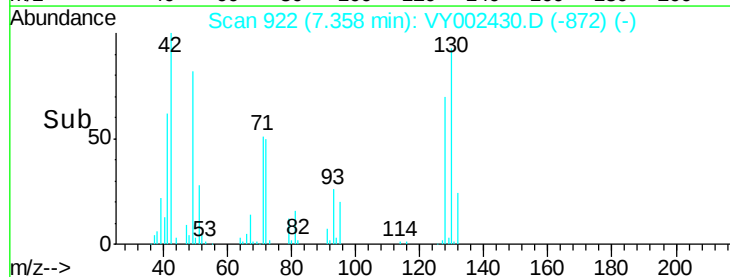
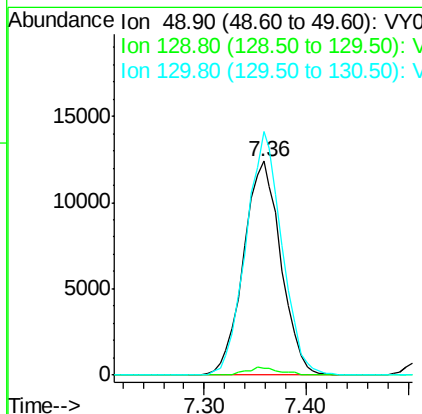
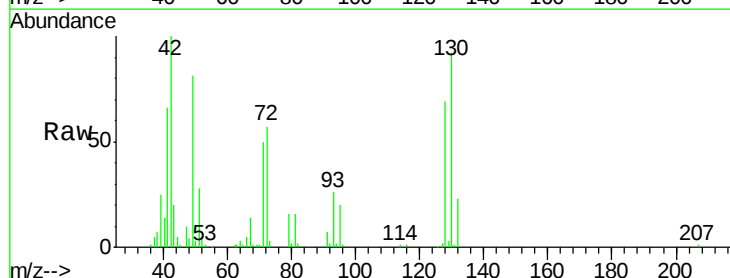
MMDadoda
 4/22/2020 11:44:28 AM

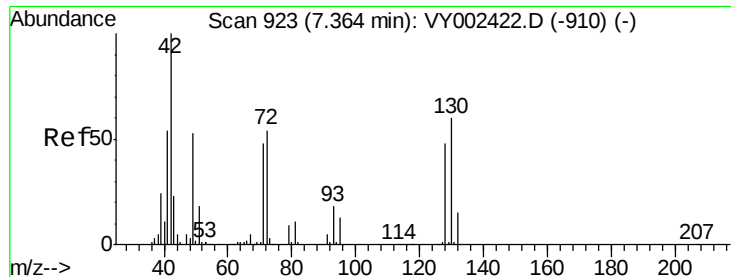


#28

Bromochloromethane
 Concen: 20.075 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	6.0
130	109.3	84.1	126.1





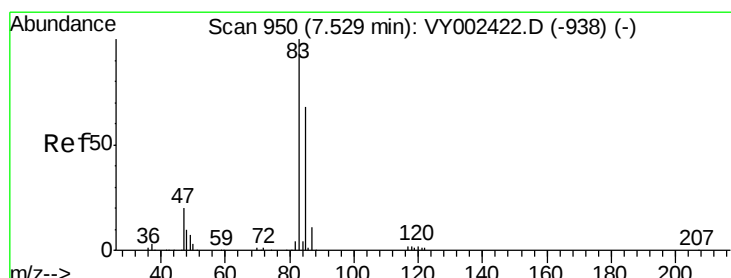
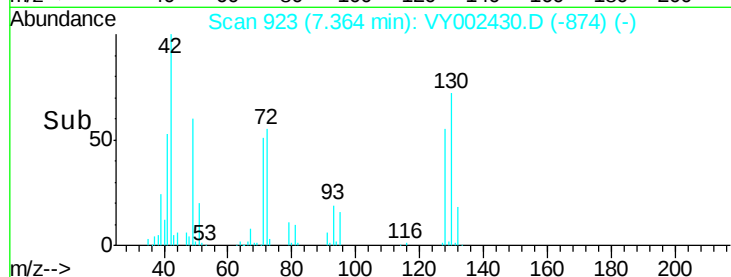
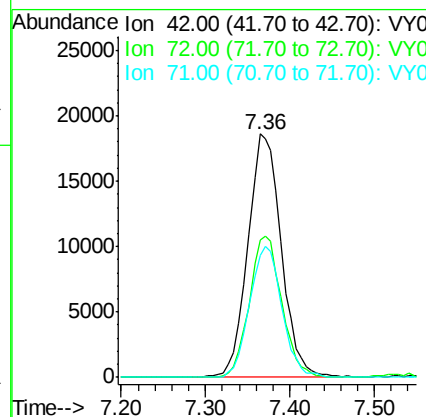
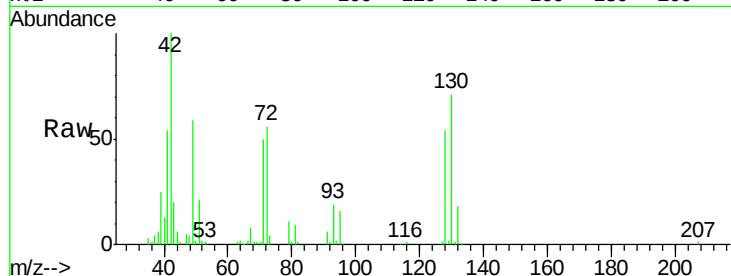
#29
Tetrahydrofuran
Concen: 101.471 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.3	44.6	67.0
71	52.1	40.6	60.8

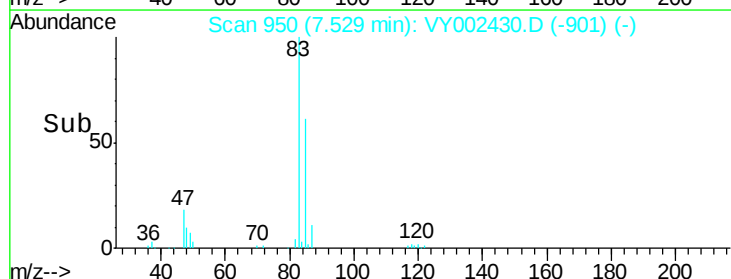
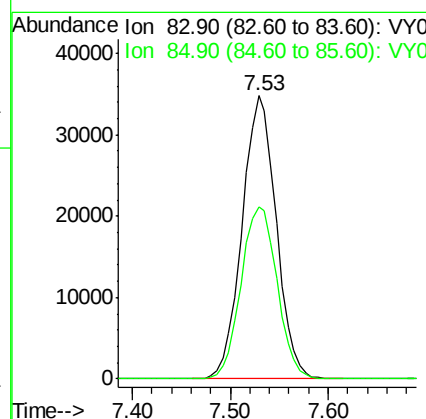
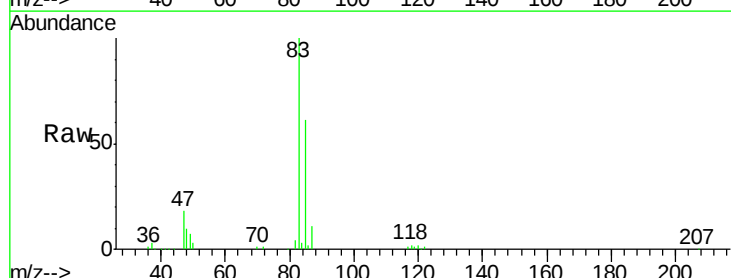
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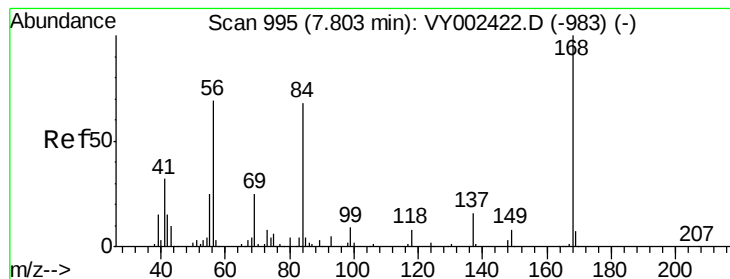
MMDadoda
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#30
Chloroform
Concen: 19.782 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	54.3	81.5





#31

Cyclohexane

Concen: 18.617 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

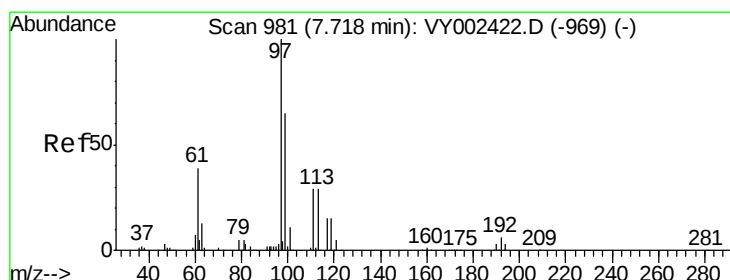
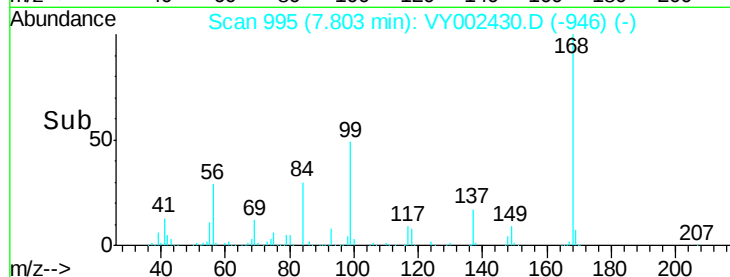
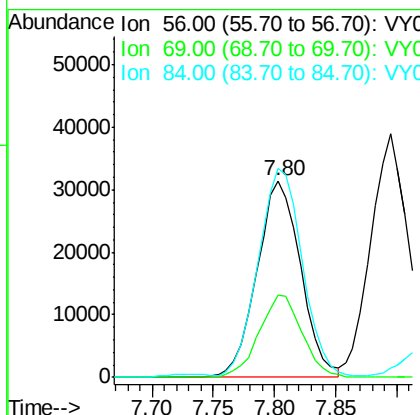
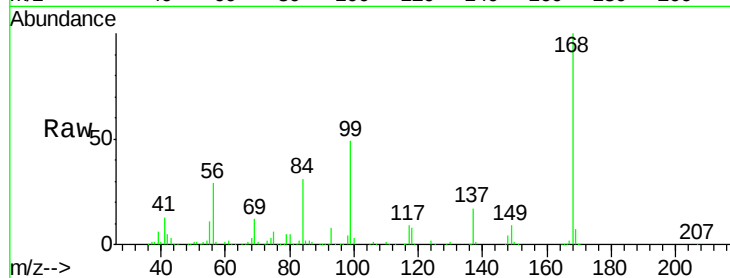
ClientSampleId :

VY0421SBS01

Tot Ion:	56	Resp:	77972
Ion Ratio	Lower	Upper	
56	100		
69	41.7	29.1	43.7
84	104.7	79.4	119.2

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#32

1,1,1-Trichloroethane

Concen: 19.458 ug/l

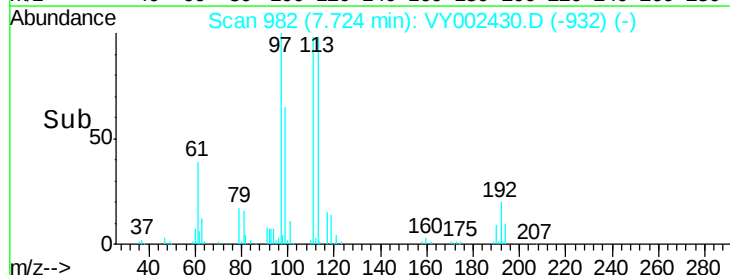
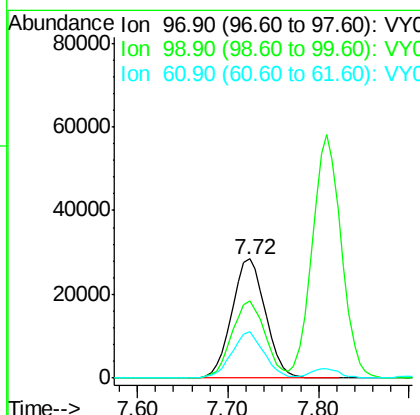
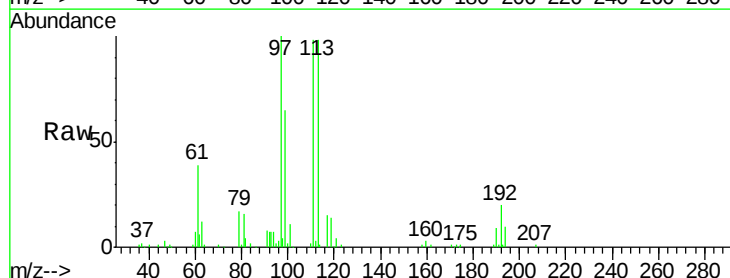
RT: 7.72 min Scan# 982

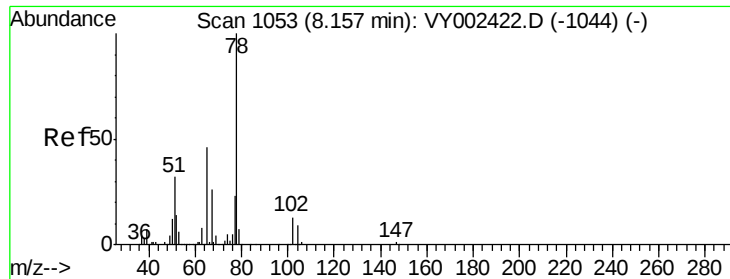
Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion:	97	Resp:	73281
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.9	77.9
61	37.4	30.8	46.2





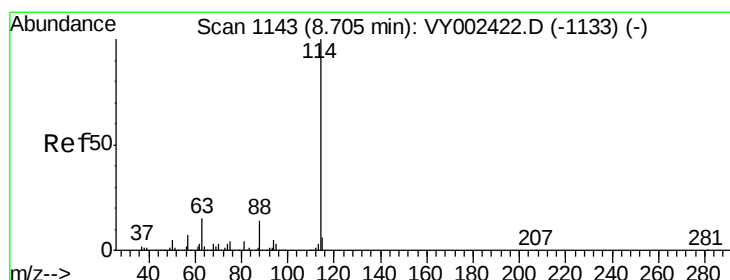
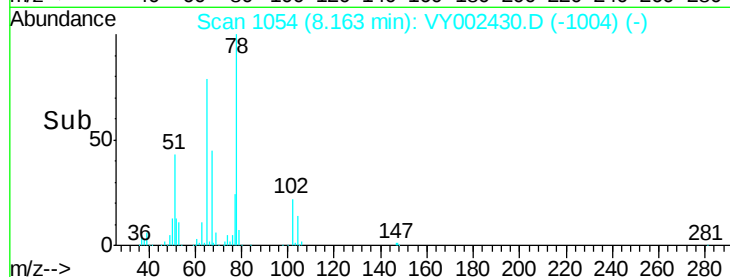
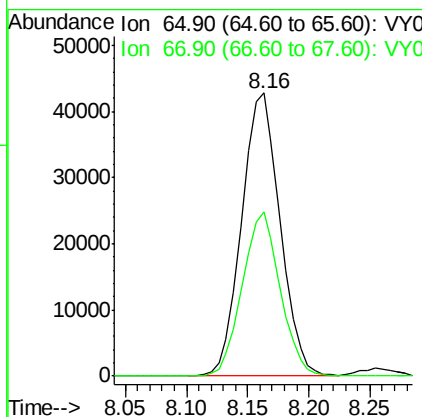
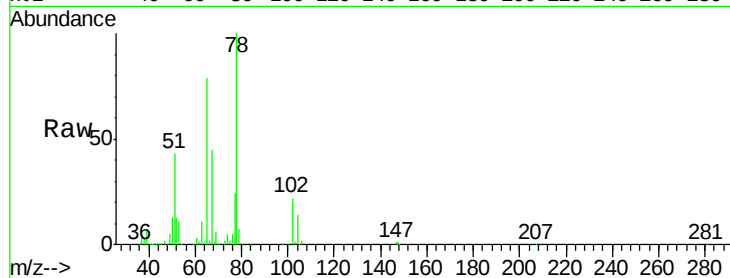
#33
 1,2-Dichloroethane-d4
 Concen: 46.302 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.9	0.0	111.0	

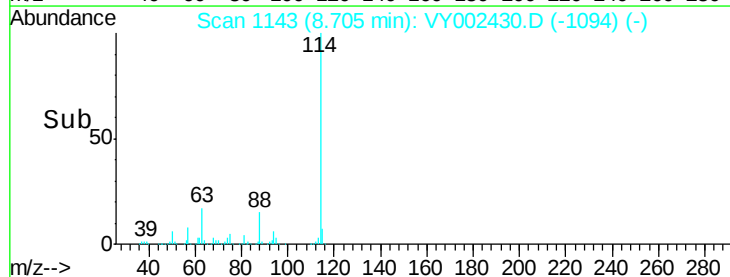
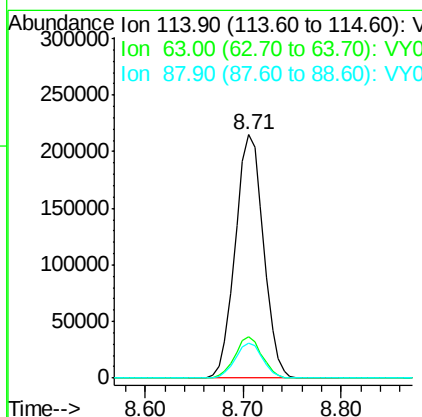
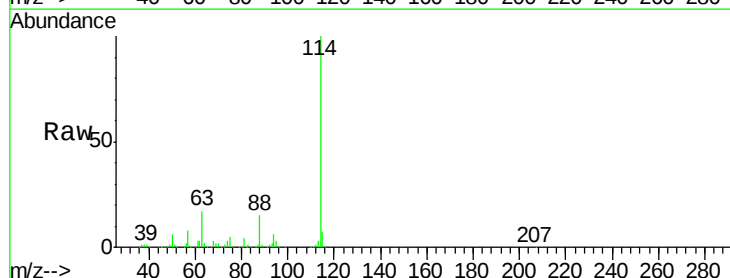
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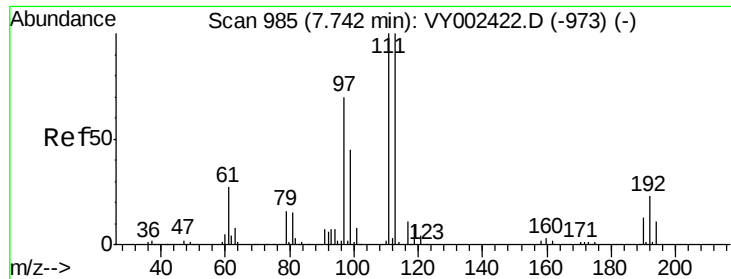
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.1	0.0	31.0	
88	14.6	0.0	28.2	





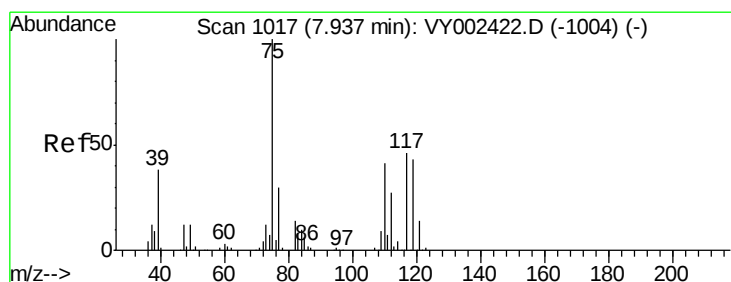
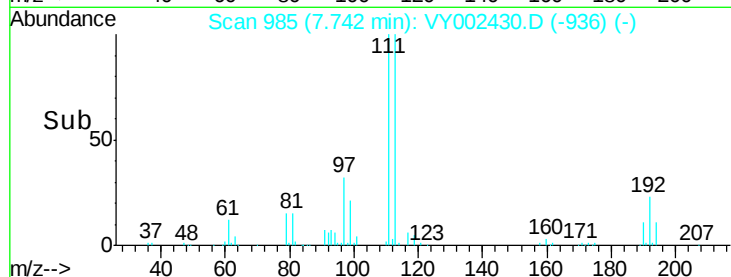
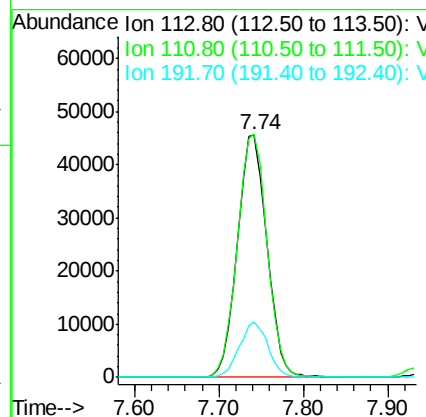
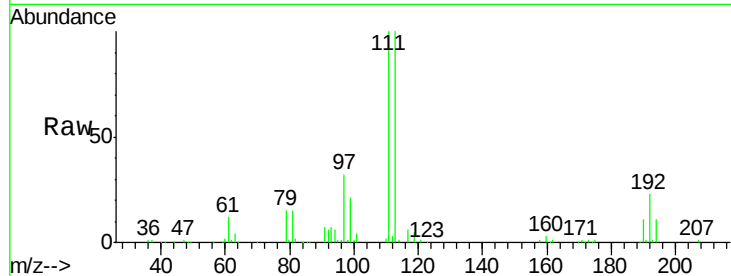
#35
 Dibromofluoromethane
 Concen: 47.626 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107875		
111	100.9	81.7	122.5	
192	22.2	17.8	26.6	

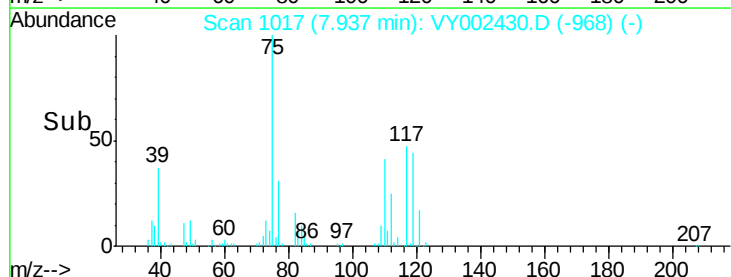
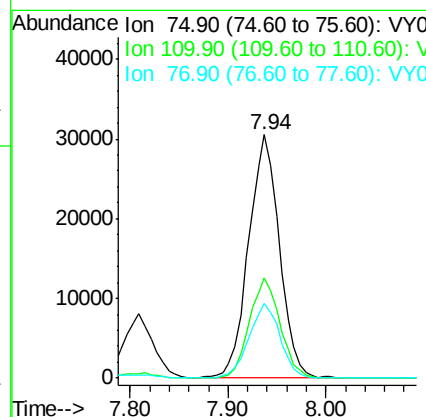
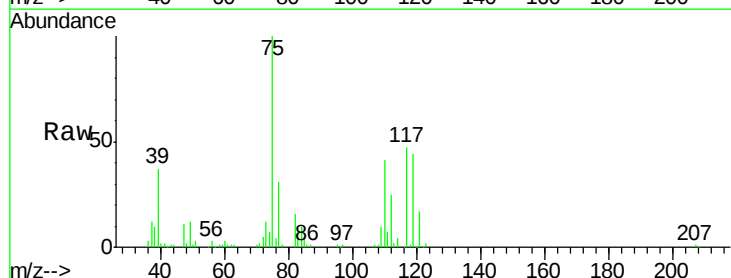
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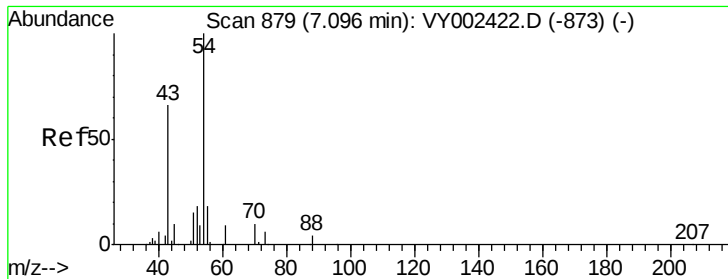
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#36
 1,1-Dichloropropene
 Concen: 19.335 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66996		
110	40.8	20.4	61.2	
77	30.9	25.5	38.3	





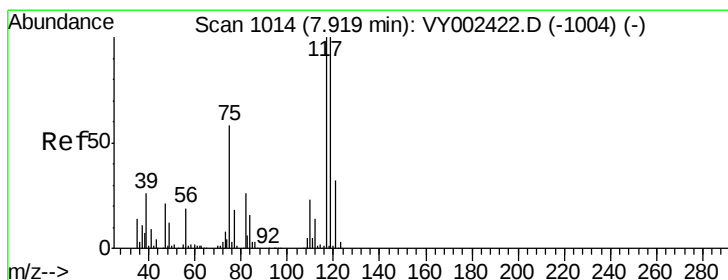
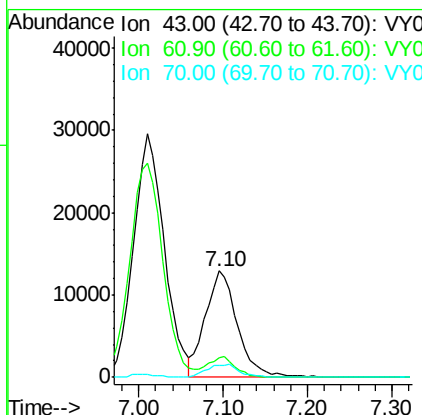
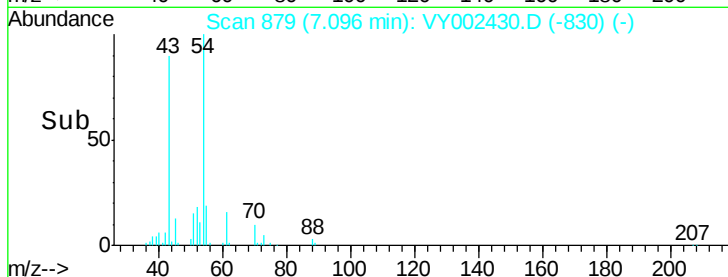
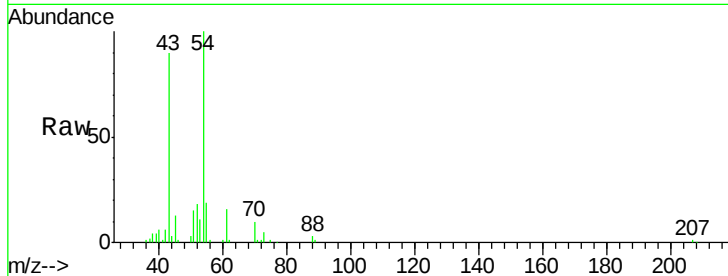
#37
Ethyl Acetate
Concen: 21.043 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	13.5	20.3
70	12.3	10.6	16.0

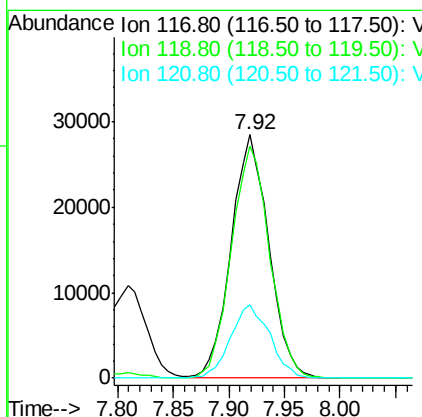
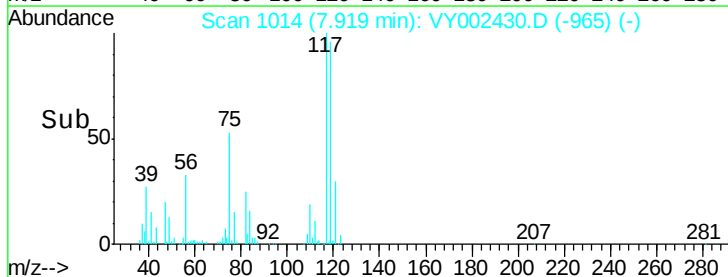
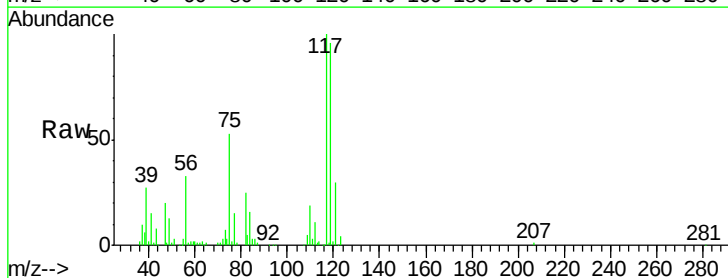
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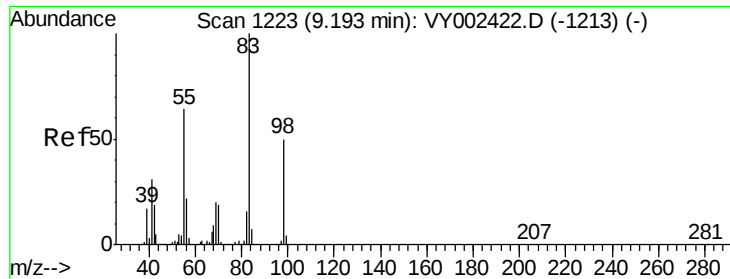
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#38
Carbon Tetrachloride
Concen: 19.158 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.6	119.4
121	30.3	25.4	38.2





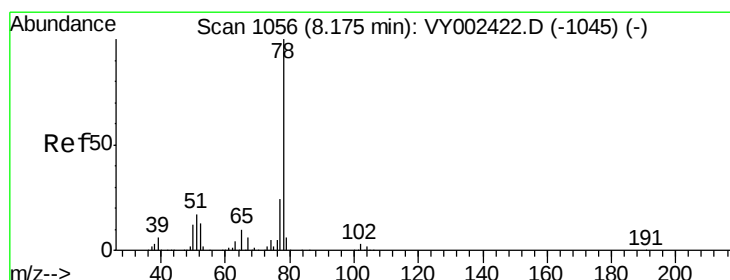
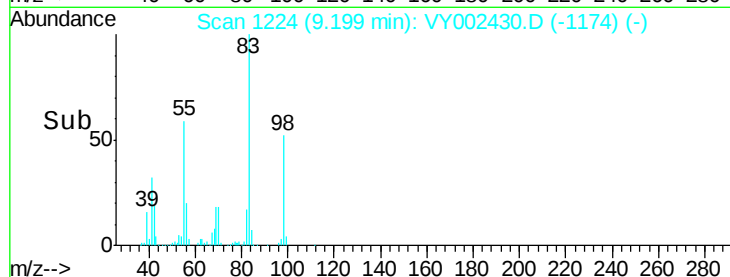
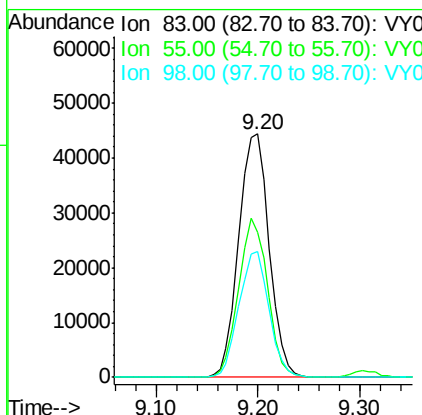
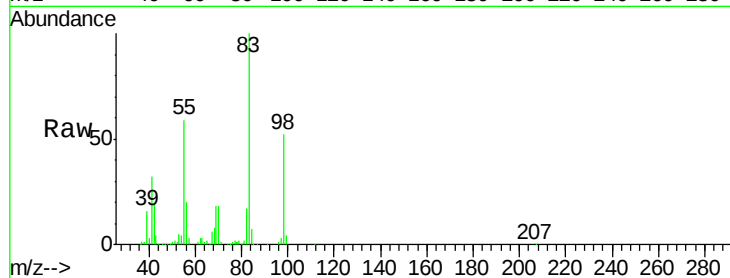
#39
Methvlcvclohexane
Concen: 19.272 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	59.4	51.2	76.8
98	51.5	39.8	59.6

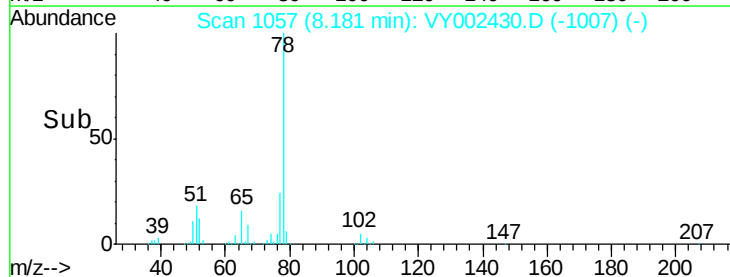
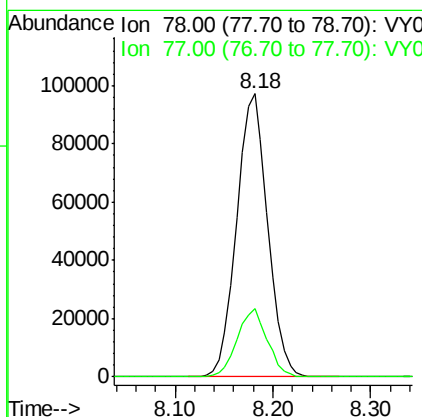
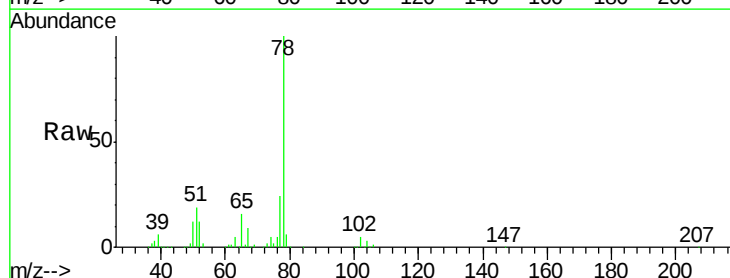
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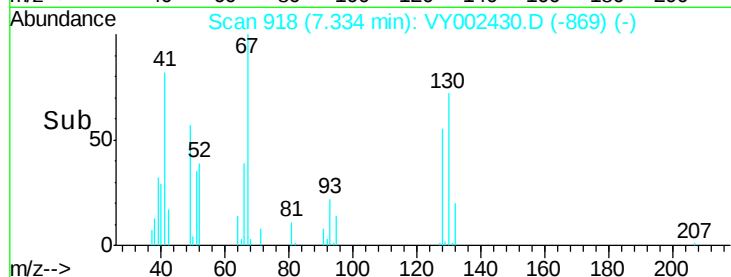
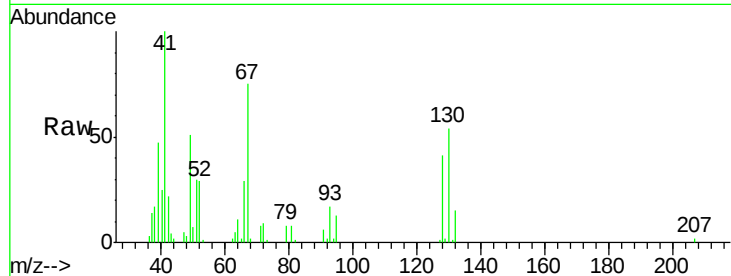
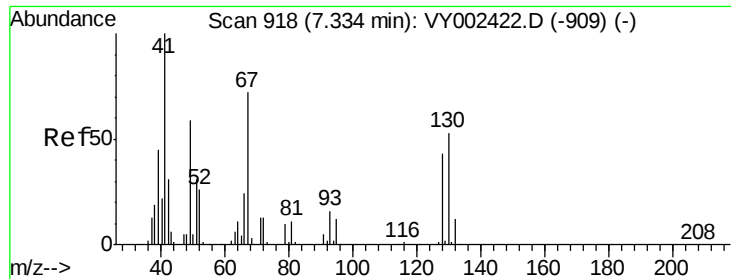
MMDadoda
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#40
Benzene
Concen: 19.961 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





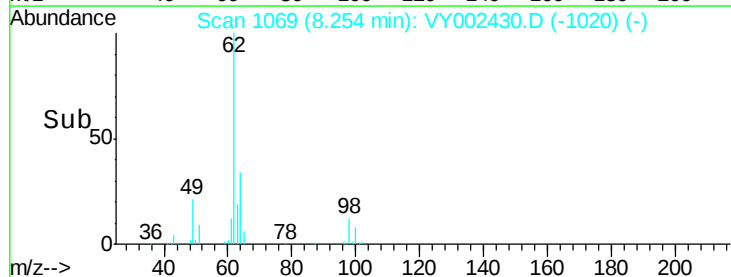
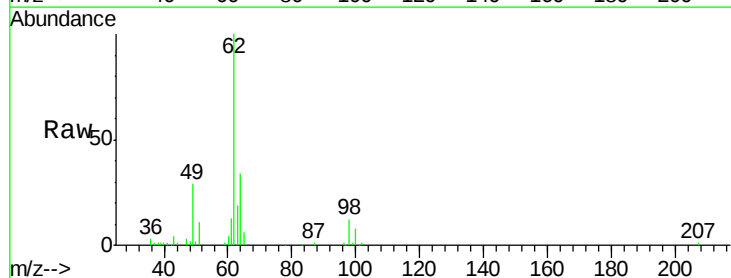
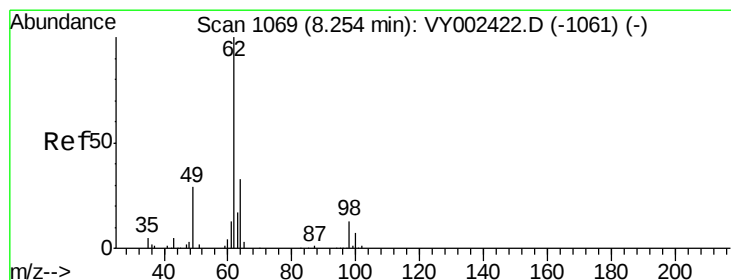
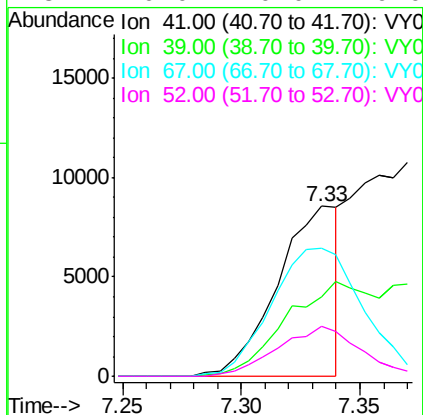
#41
Methacrylonitrile
Concen: 17.909 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tot Ion	41	Resp	15455
Ion Ratio	Lower	Upper	
41	100		
39	0.0	99.0	148.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

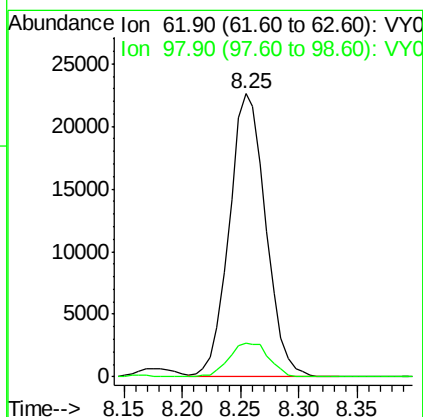
Manual Integrations
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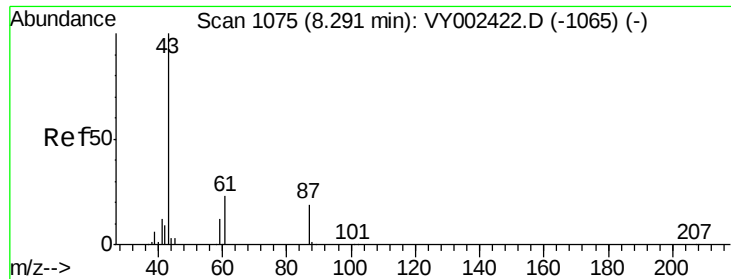
MMDadoda
4/22/2020 11:44:28 AM



#42
1,2-Dichloroethane
Concen: 19.674 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	62	Resp	49433
Ion Ratio	Lower	Upper	
62	100		
98	13.1	0.0	25.4





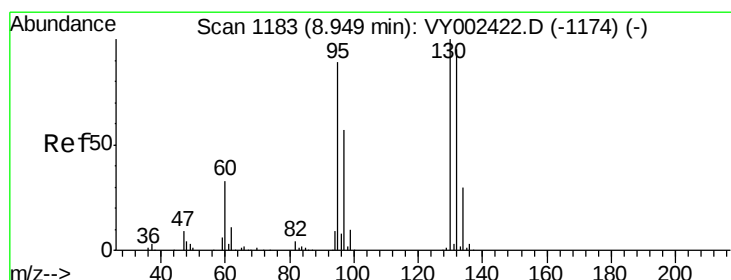
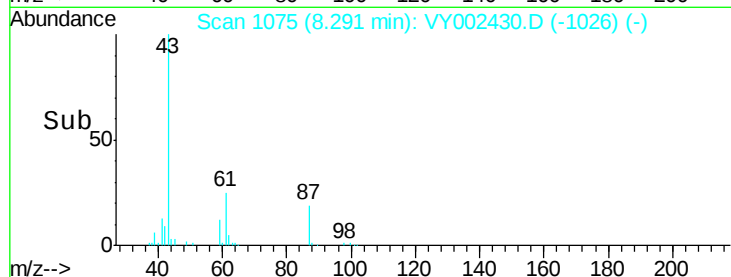
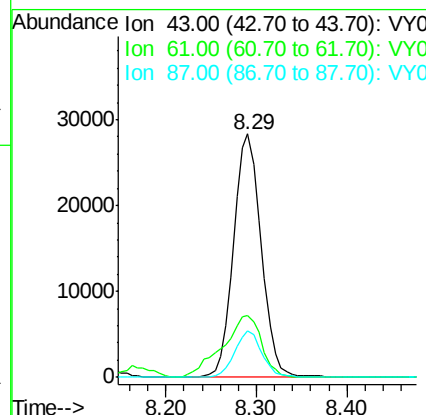
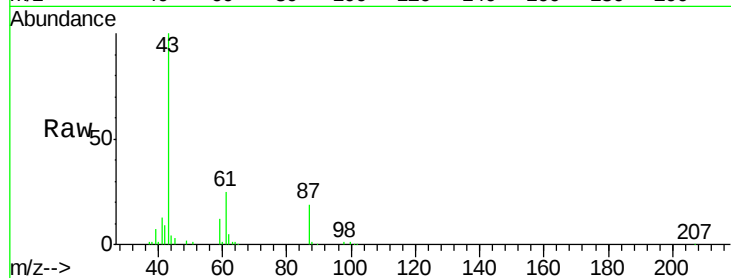
#43
Isopropyl Acetate
Concen: 19.756 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.7	27.7	41.5
87	18.7	14.5	21.7

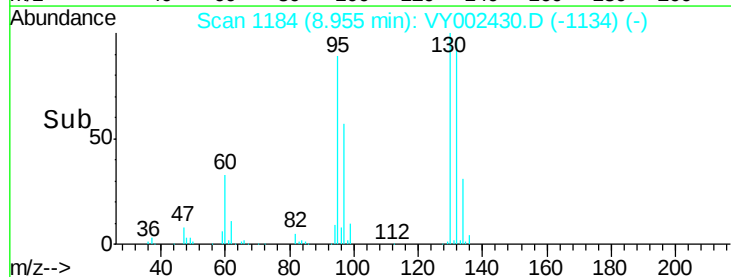
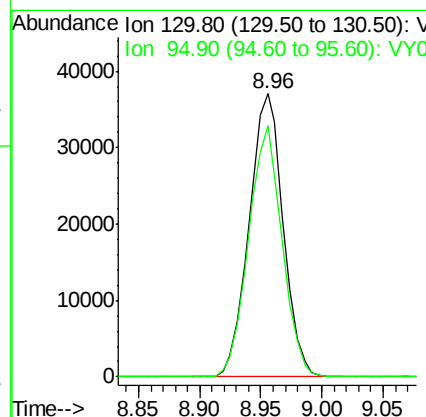
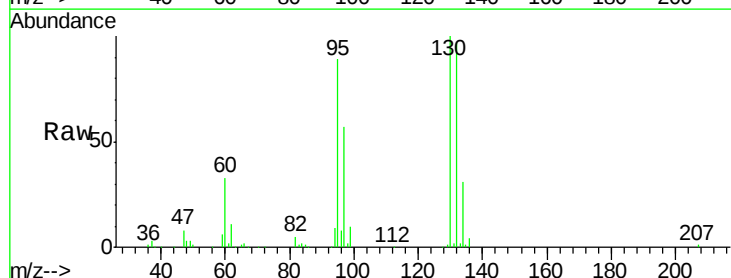
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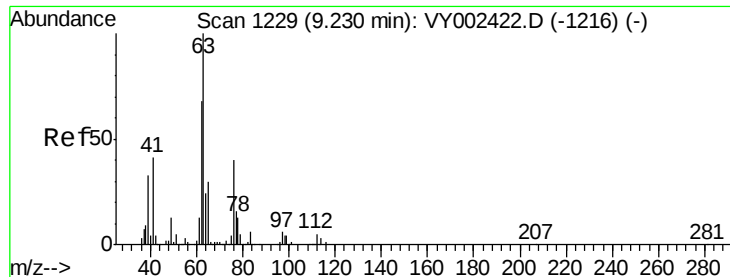
MMDadoda
4/22/2020 11:44:28 AM



#44
Trichloroethene
Concen: 20.068 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	178.4





#45

1,2-Dichloropropane

Concen: 19.750 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 63 Resp: 48110

Ion Ratio Lower Upper

63 100

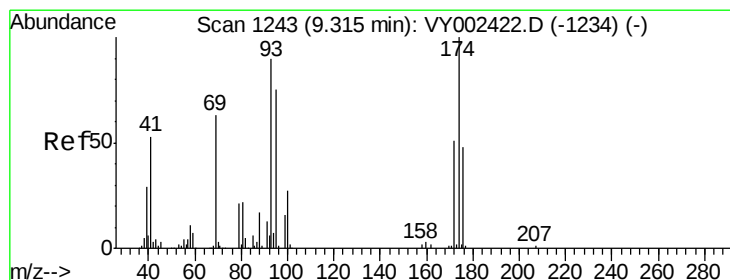
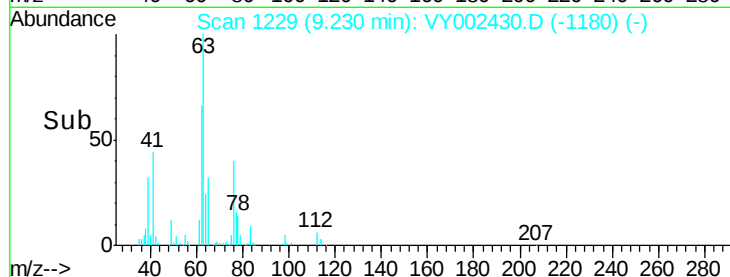
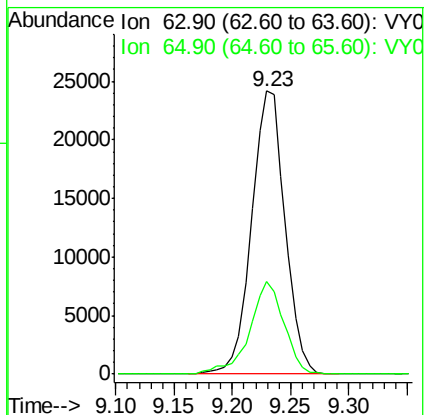
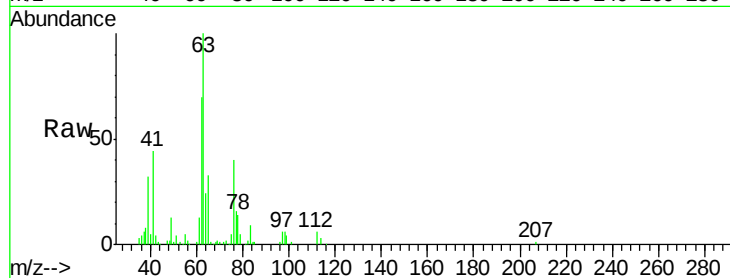
65 32.9 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 20.055 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

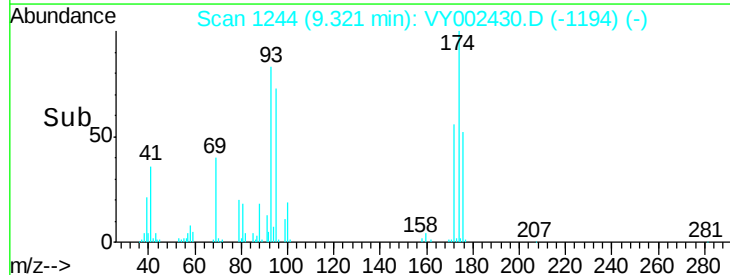
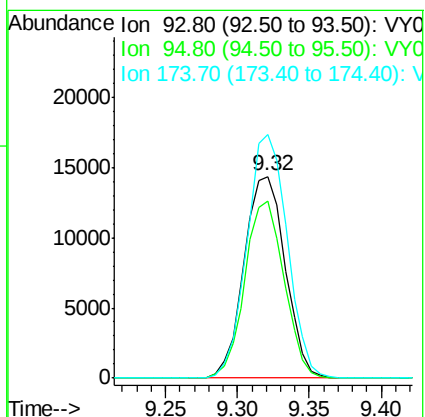
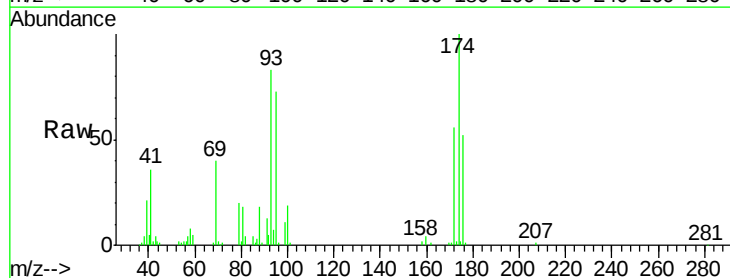
Tgt Ion: 93 Resp: 28513

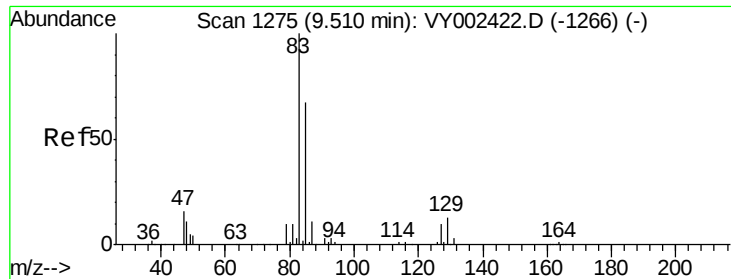
Ion Ratio Lower Upper

93 100

95 83.4 67.5 101.3

174 118.4 94.5 141.7





#47

Bromodichloromethane

Concen: 19.740 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

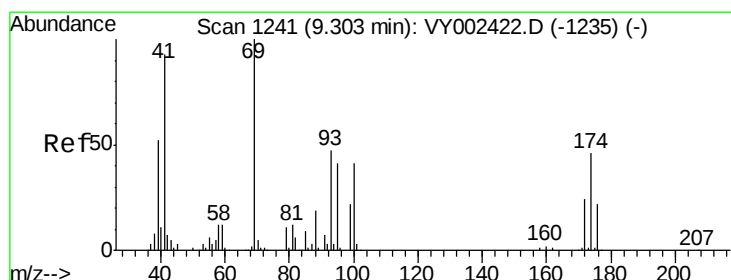
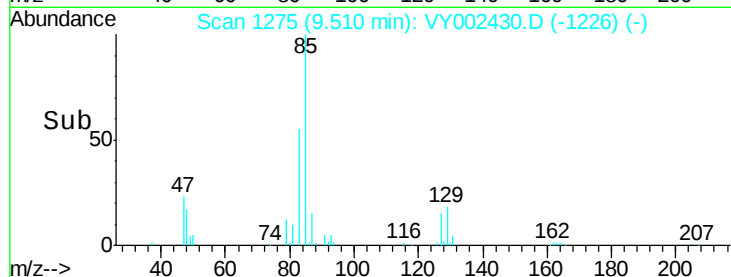
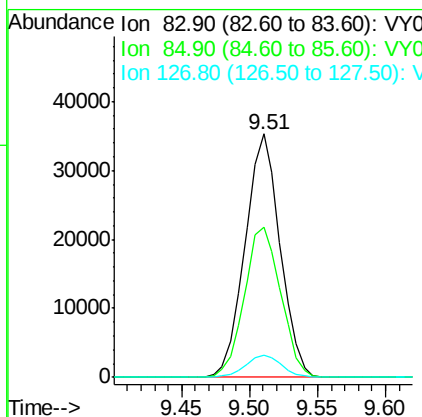
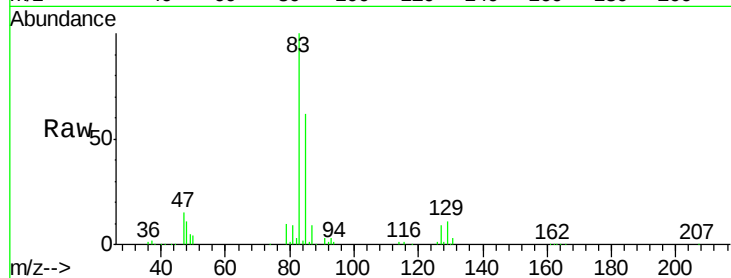
ClientSampleId :

VY0421SBS01

Tot Ion:	83	Resp:	63671
Ion	Ratio	Lower	Upper
83	100		
85	61.9	53.4	80.2
127	9.3	7.8	11.6

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#48

Methyl methacrylate

Concen: 19.537 ug/l

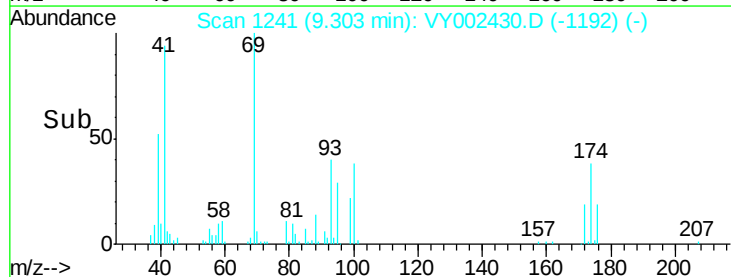
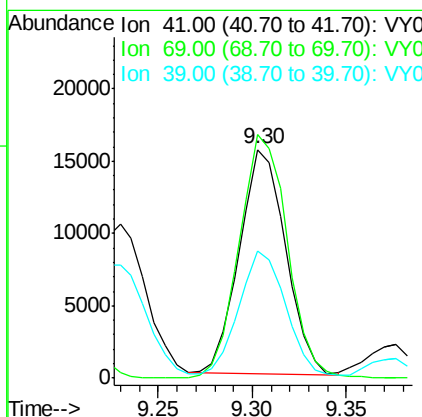
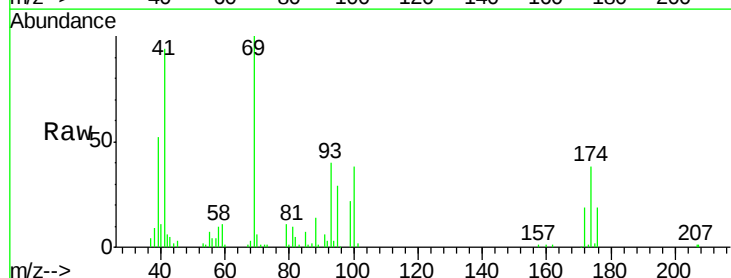
RT: 9.30 min Scan# 1241

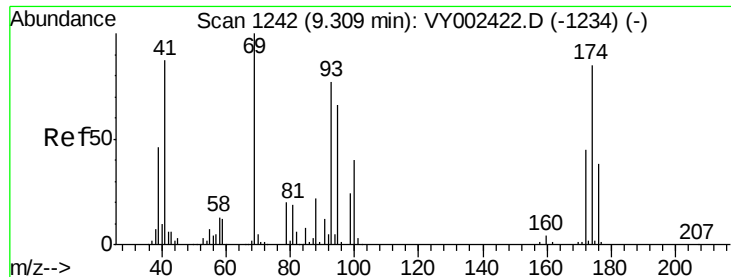
Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion:	41	Resp:	26506
Ion	Ratio	Lower	Upper
41	100		
69	112.9	87.9	131.9
39	55.9	43.5	65.3





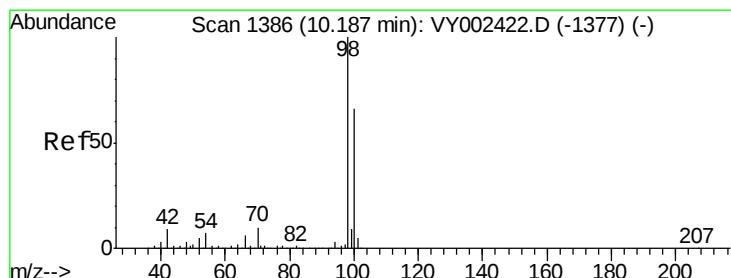
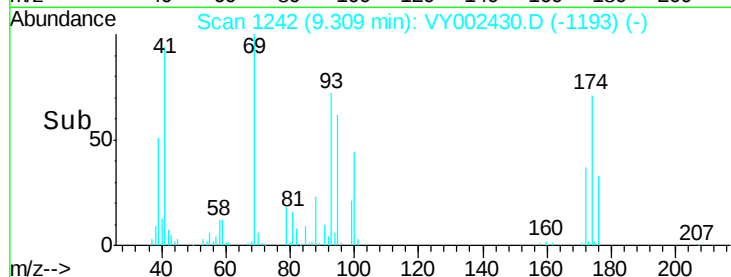
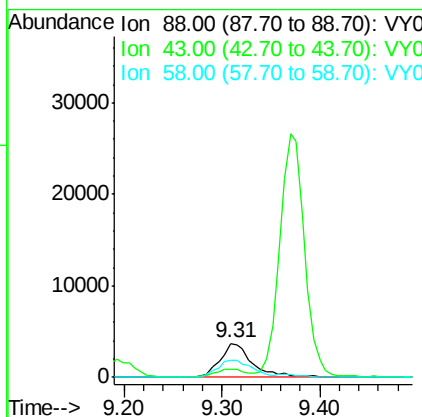
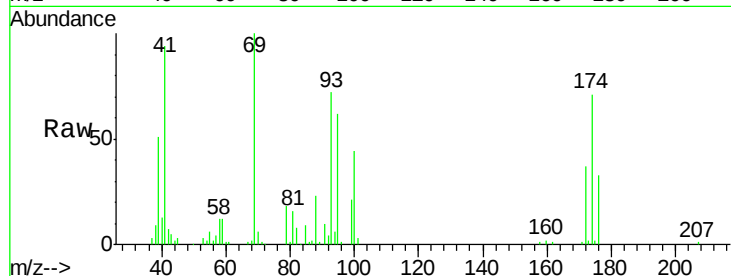
#49
1,4-Dioxane
Concen: 412.260 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	88	Resp	8641
Ion Ratio	Lower	Upper	
88	100		
43	21.9	19.0	28.6
58	52.5	44.8	67.2

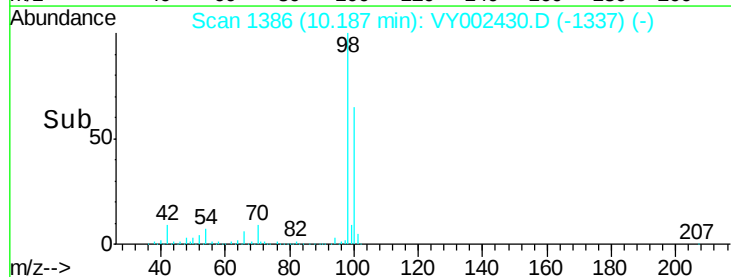
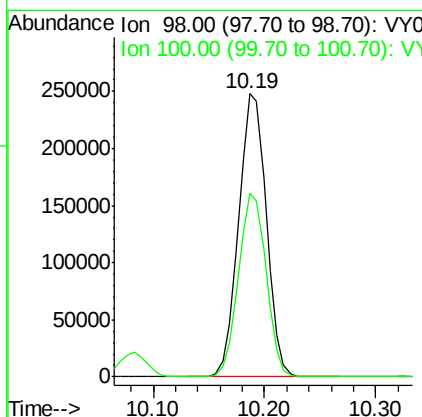
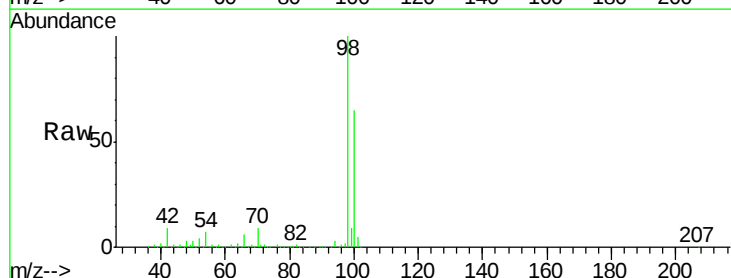
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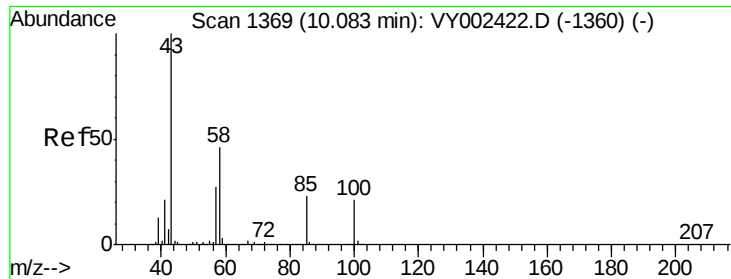
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#50
Toluene-d8
Concen: 46.661 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	98	Resp	427471
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 105.042 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 43 Resp: 165770

Ion Ratio Lower Upper

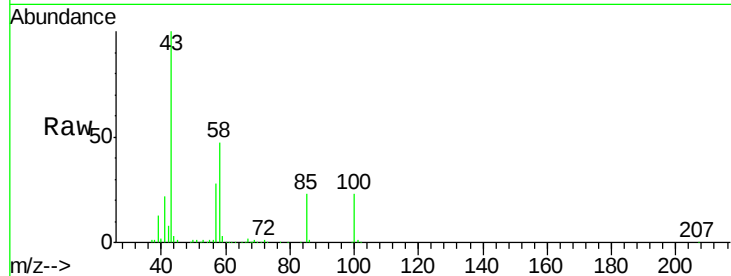
43 100

58 45.5 36.8 55.2

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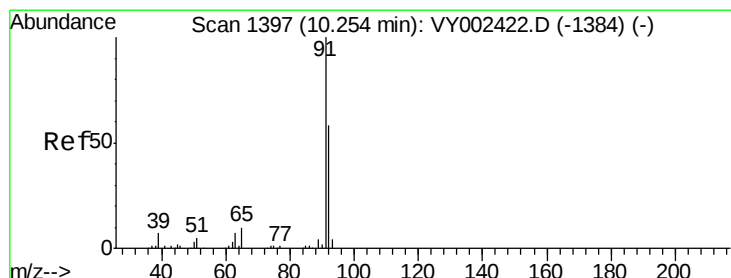
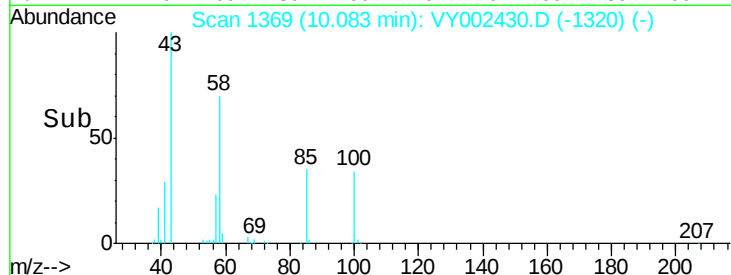
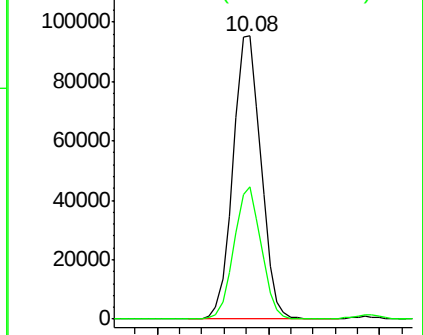
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.815 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002430.D

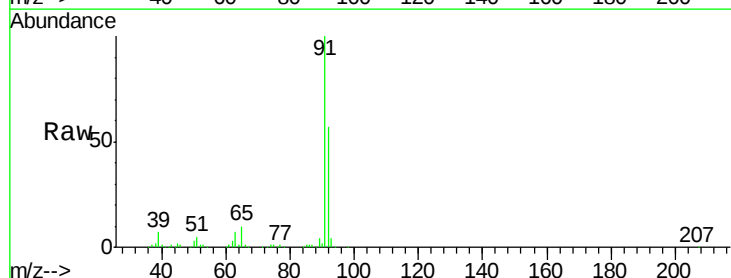
Acq: 21 Apr 2020 14:12

Tgt Ion: 92 Resp: 133742

Ion Ratio Lower Upper

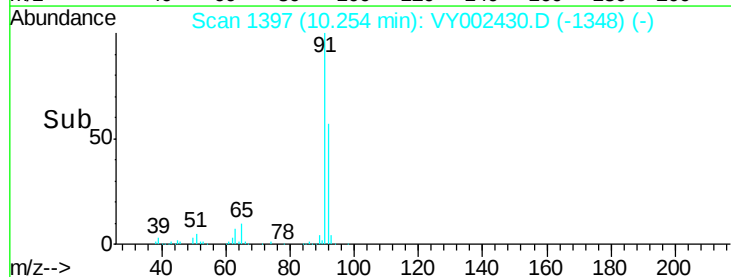
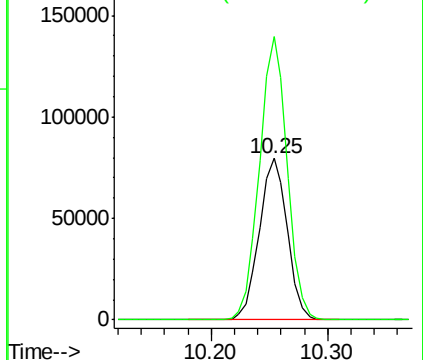
92 100

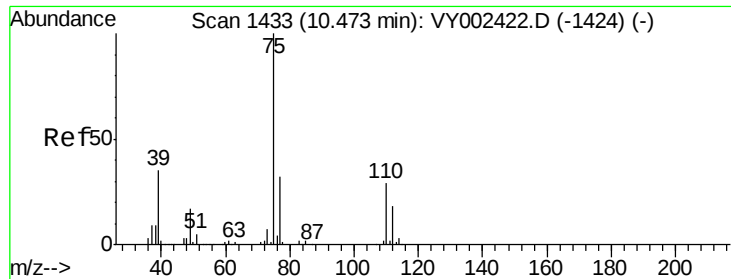
91 173.0 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.495 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 75 Resp: 67254

Ion Ratio Lower Upper

75 100

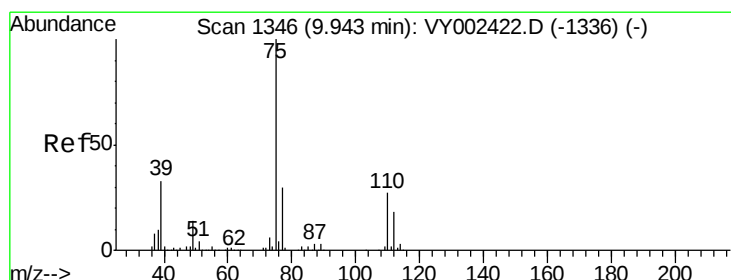
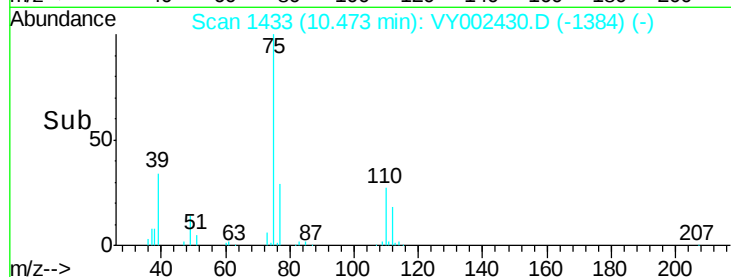
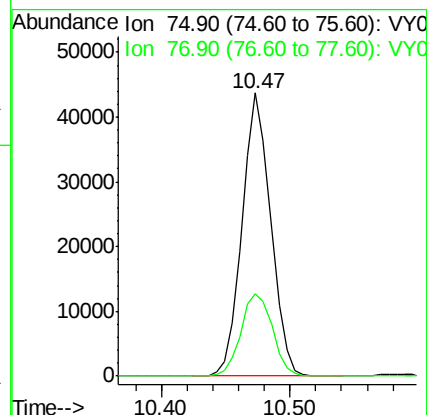
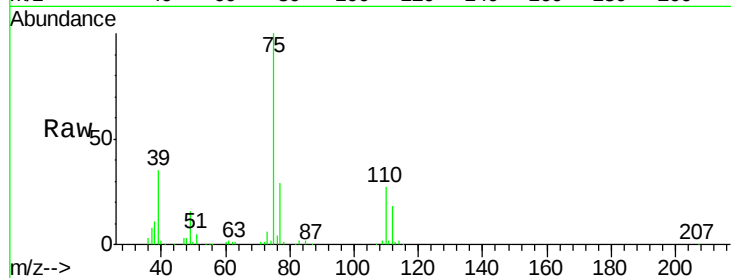
77 29.2 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 19.850 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

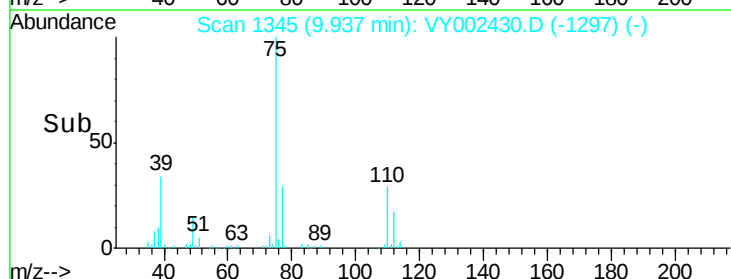
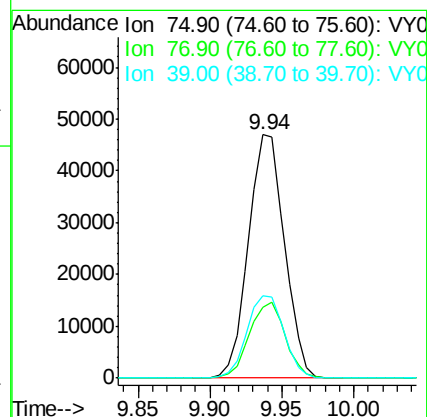
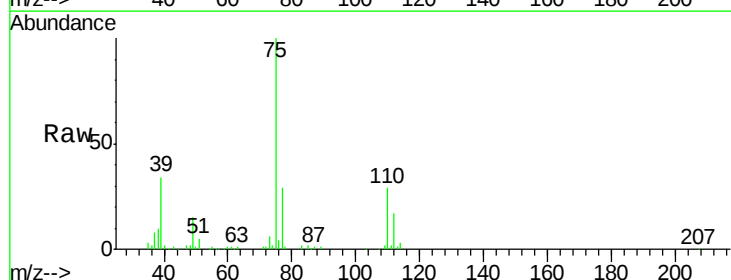
Tgt Ion: 75 Resp: 81448

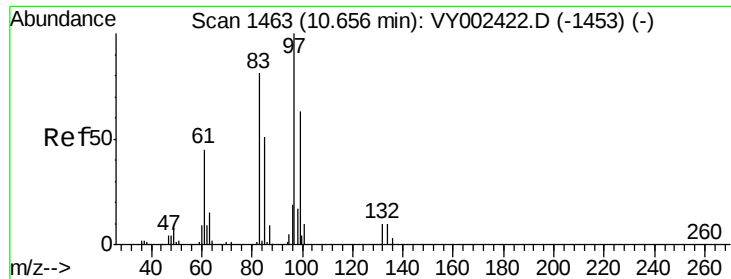
Ion Ratio Lower Upper

75 100

77 28.9 24.2 36.4

39 33.9 26.6 40.0





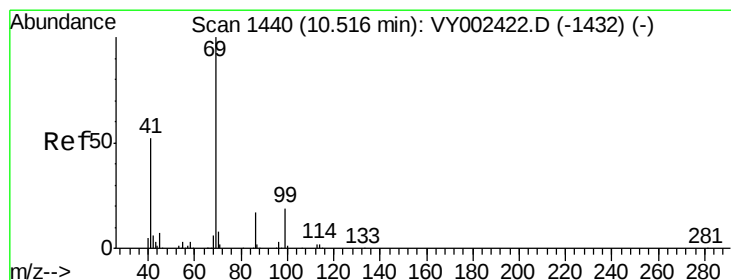
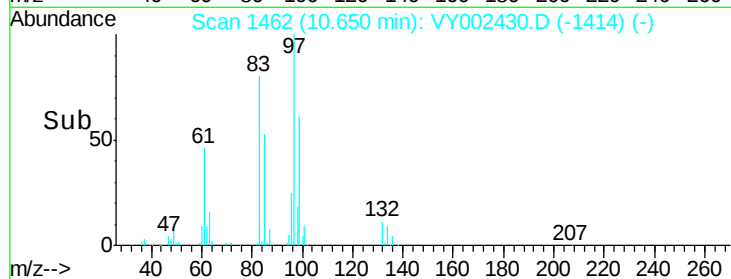
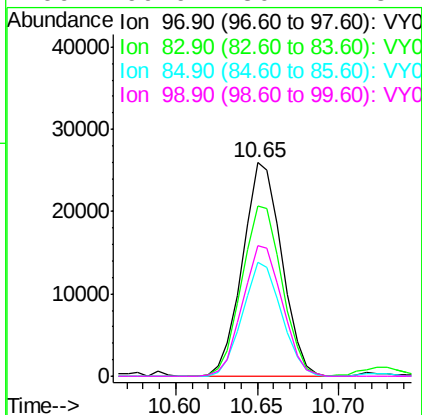
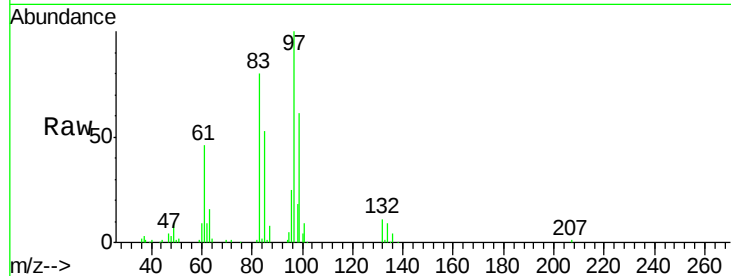
#55
 1,1,2-Trichloroethane
 Concen: 20.475 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion:	97	Resp:	43661
Ion	Ratio	Lower	Upper
97	100		
83	79.8	64.6	96.8
85	53.1	41.1	61.7
99	60.9	50.2	75.2

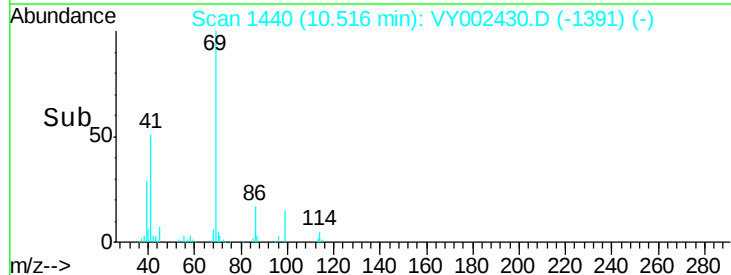
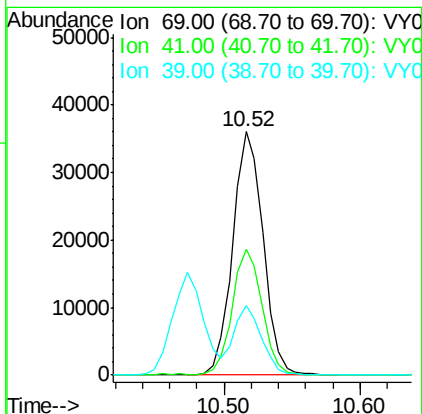
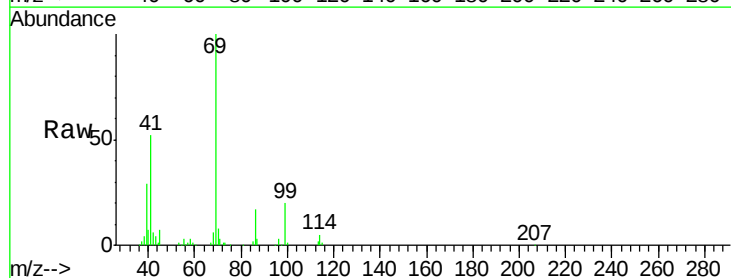
Manual Integrations
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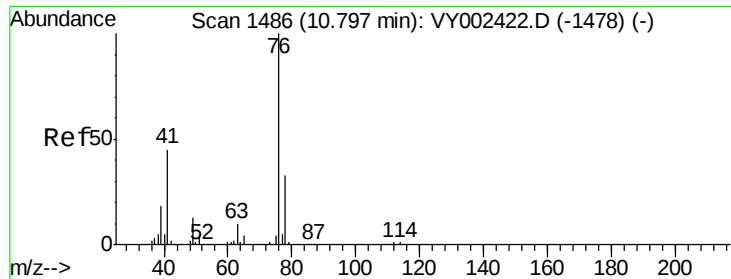
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#56
 Ethyl methacrylate
 Concen: 20.376 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion:	69	Resp:	55964
Ion	Ratio	Lower	Upper
69	100		
41	50.7	42.0	63.0
39	26.1	21.2	31.8





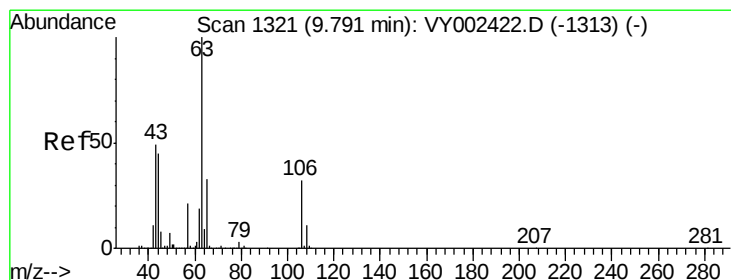
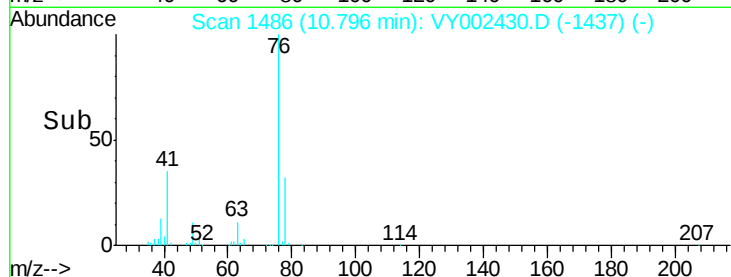
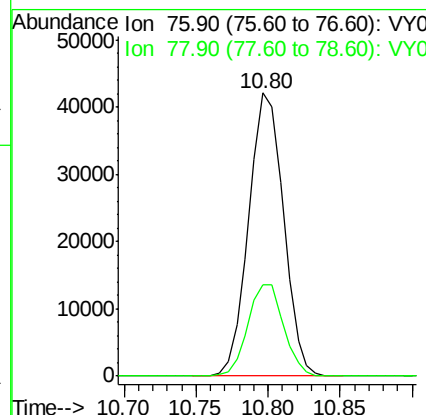
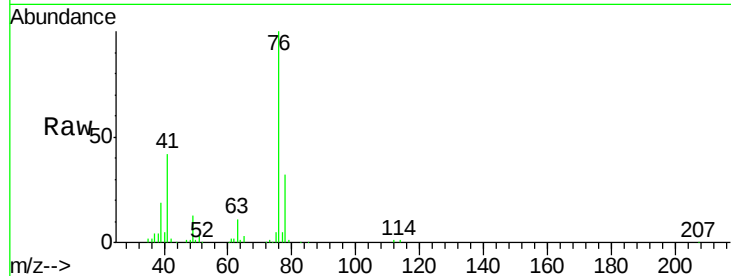
#57
 1,3-Dichloropropane
 Concen: 20.174 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	33.1	26.2	39.2	

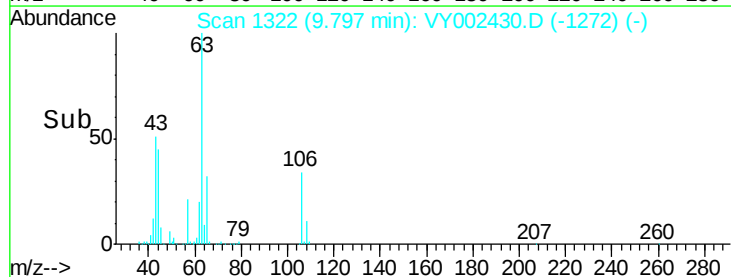
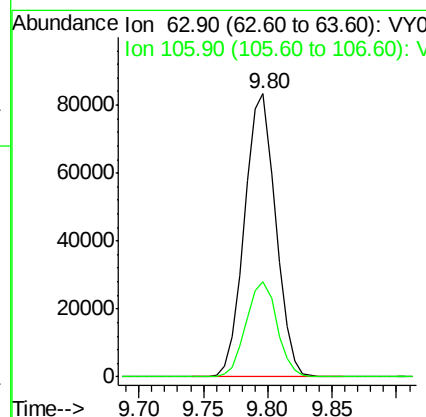
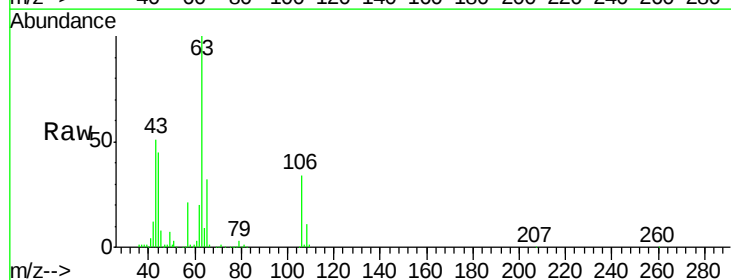
Manual Integrations
 APPROVED

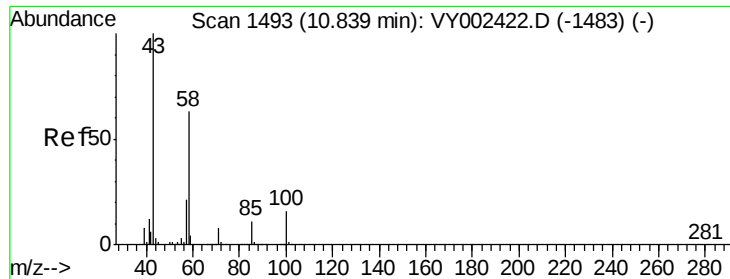
MMDadoda
 4/22/2020 11:44:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.204 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
106	33.5	26.2	39.4	





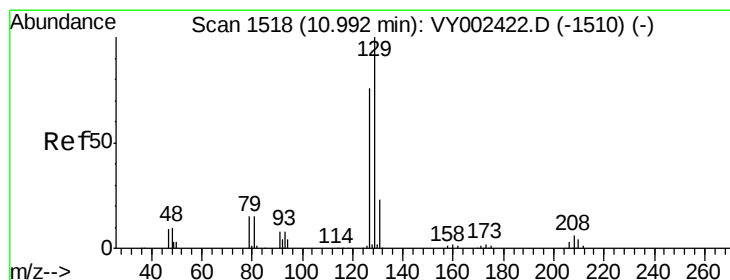
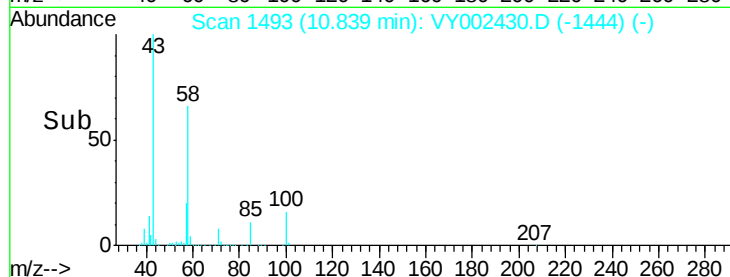
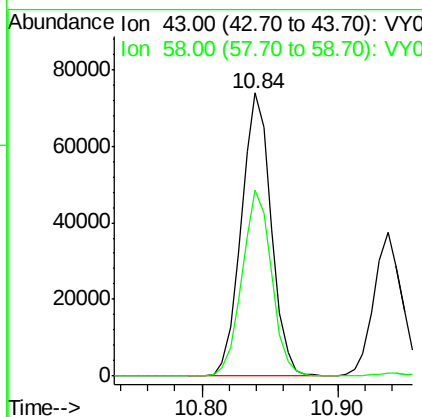
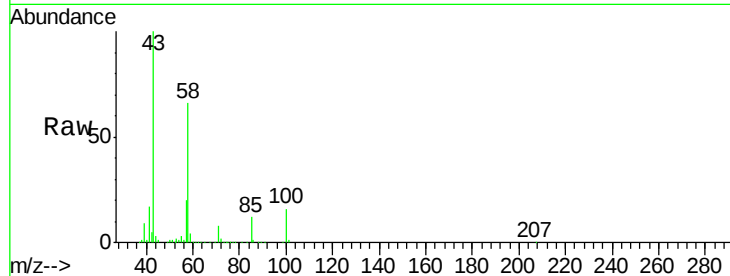
#59
2-Hexanone
Concen: 101.156 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion: 43 Resp: 113299
Ion Ratio Lower Upper
43 100
58 64.9 32.5 97.4

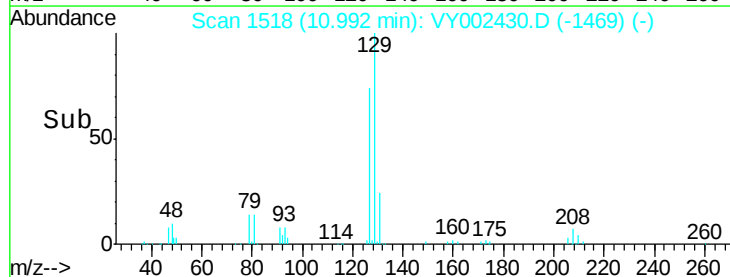
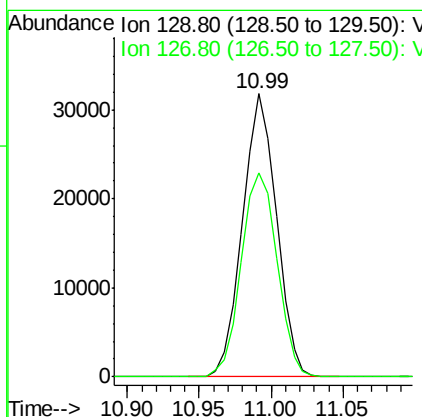
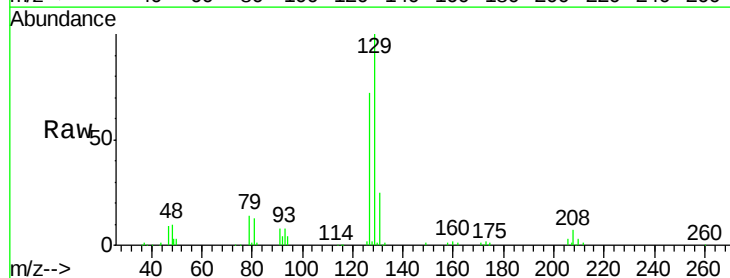
Manual Integrations
APPROVED

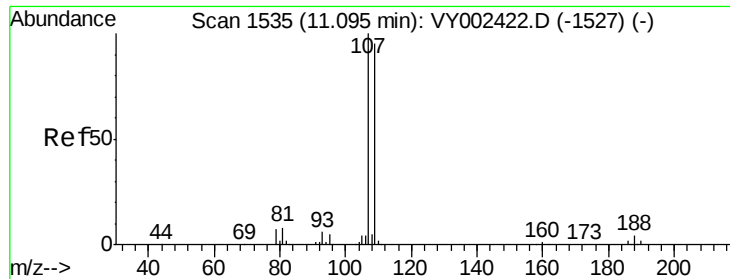
MMDadoda
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#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 129 Resp: 52056
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7





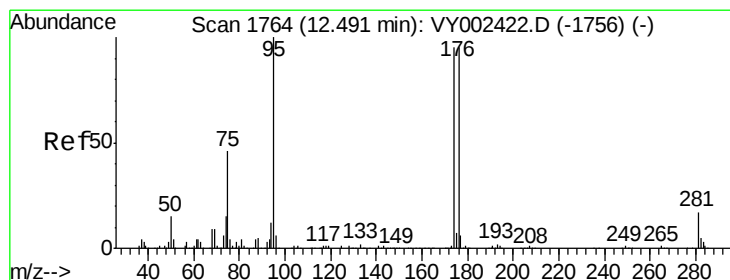
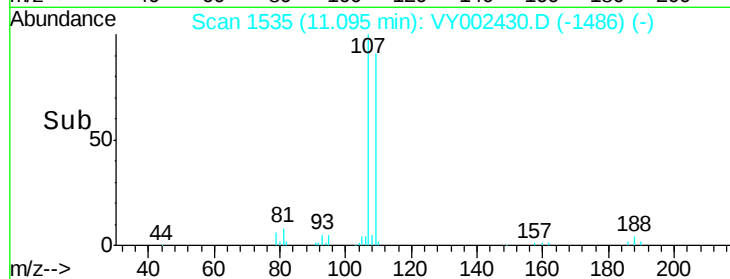
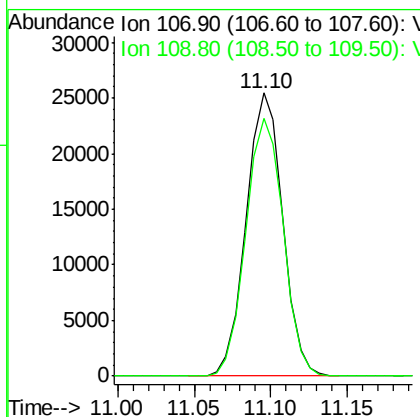
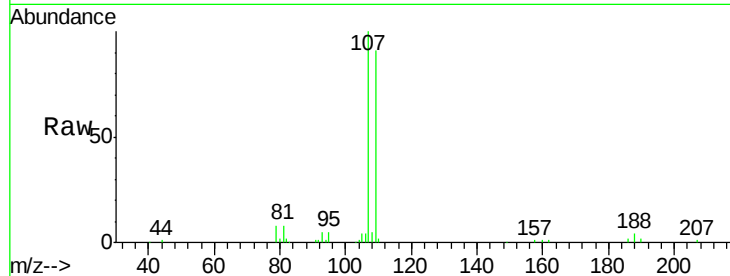
#61
 1,2-Dibromoethane
 Concen: 20.299 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.4	114.6

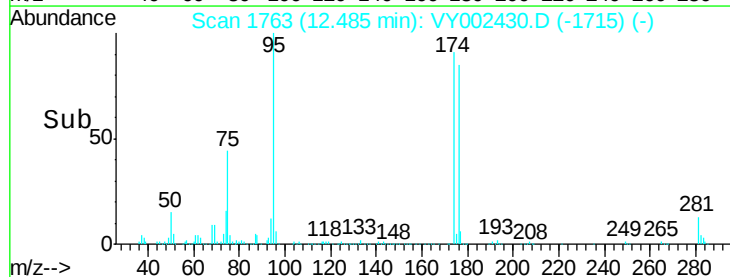
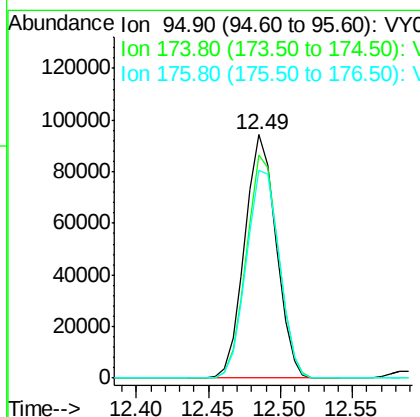
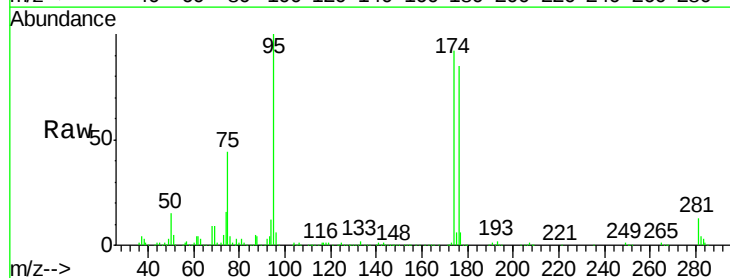
Manual Integrations
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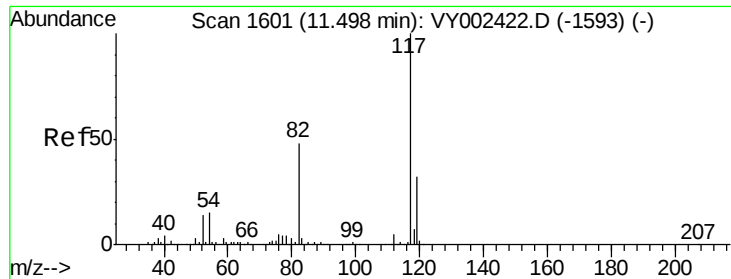
MMDadoda
 4/22/2020 11:44:28 AM



#62
 4-Bromofluorobenzene
 Concen: 47.162 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	185.8
176	89.2	0.0	181.2





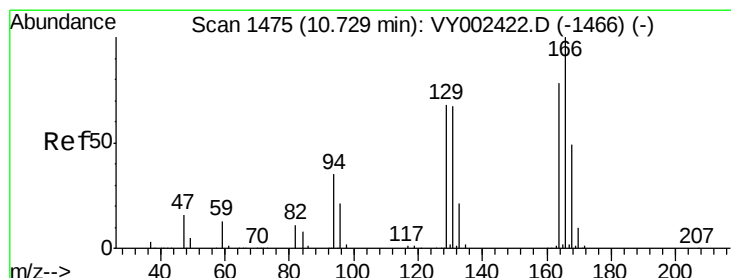
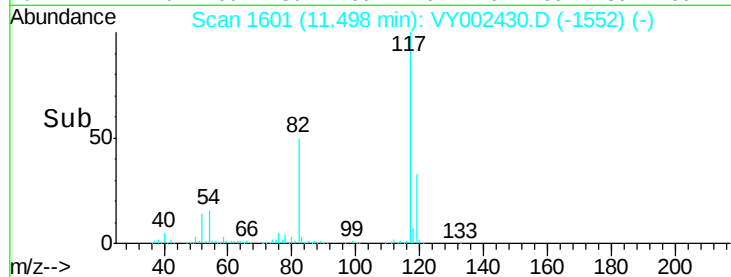
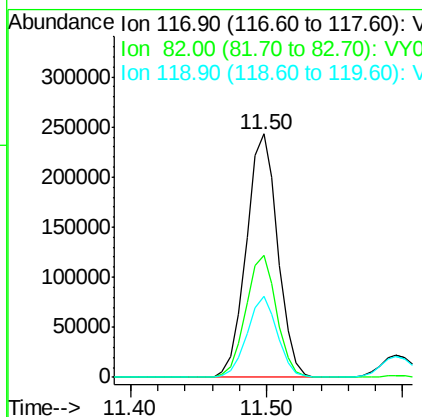
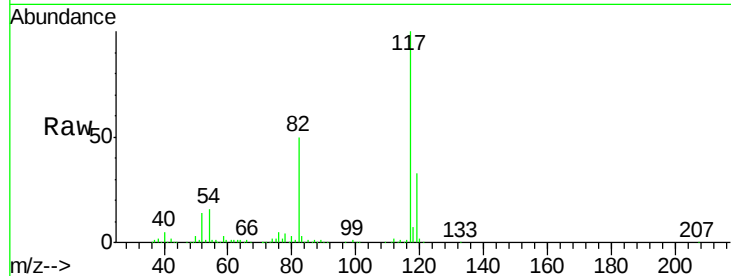
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	391296		
82	49.9		38.4	57.6
119	33.1		25.3	37.9

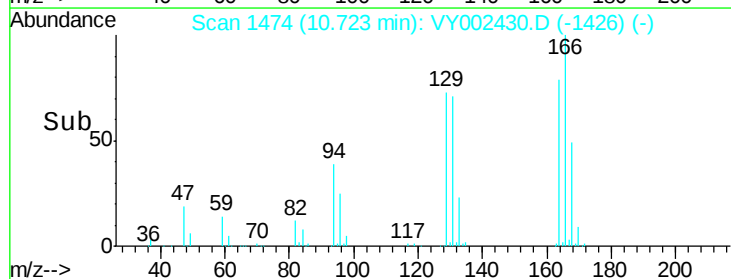
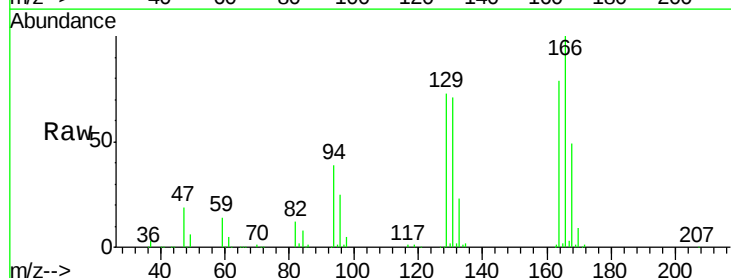
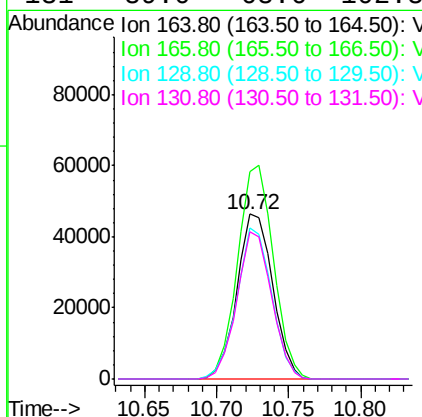
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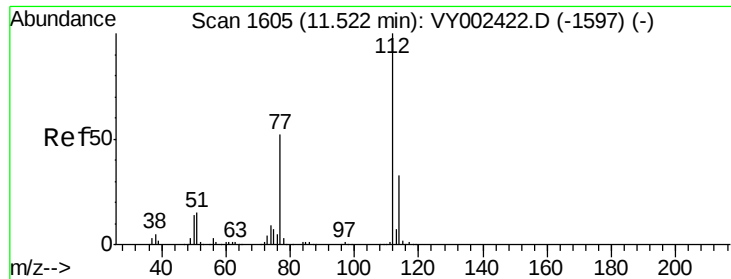
MMDadoda
4/22/2020 11:44:28 AM



#64
Tetrachloroethene
Concen: 19.203 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80164		
166	126.1		102.4	153.6
129	91.5		70.1	105.1
131	89.0		68.6	102.8





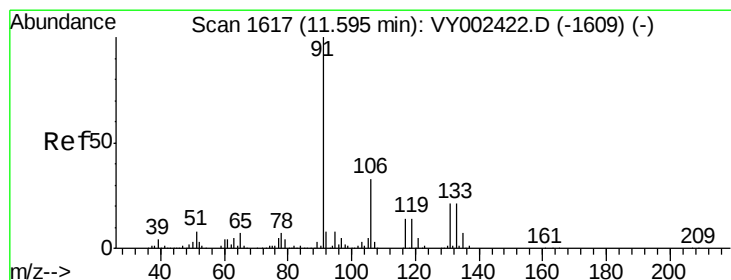
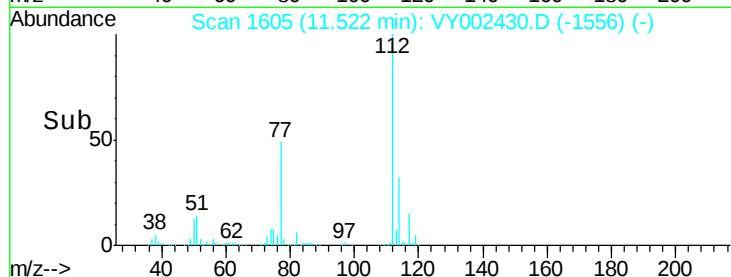
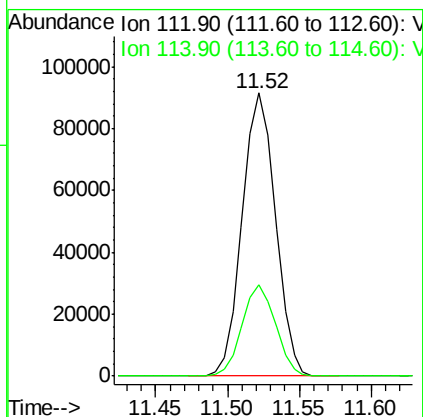
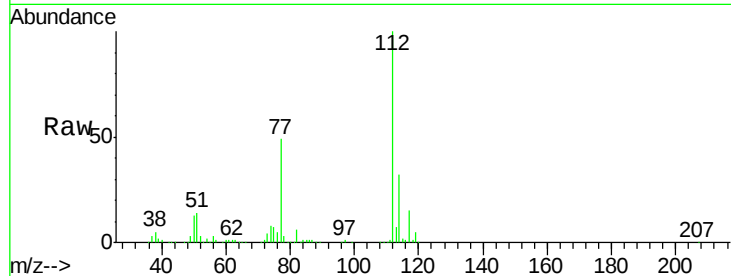
#65
Chlorobenzene
Concen: 19.577 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.5	39.7

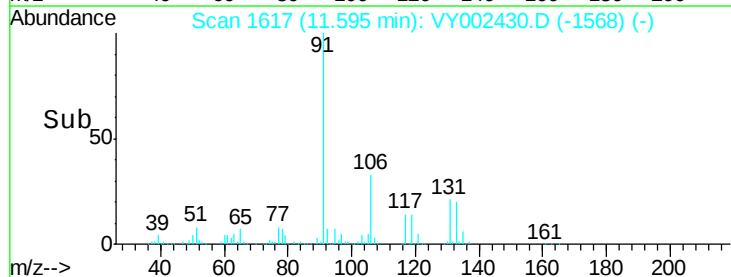
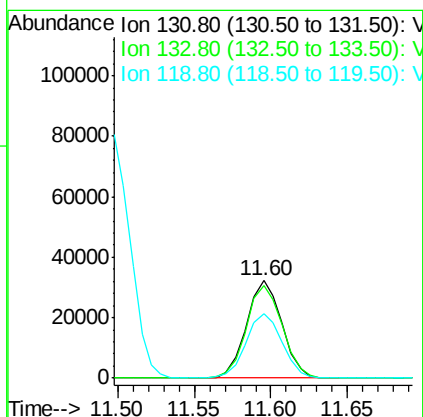
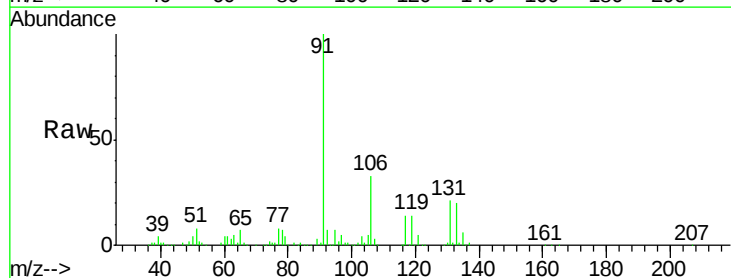
Manual Integrations
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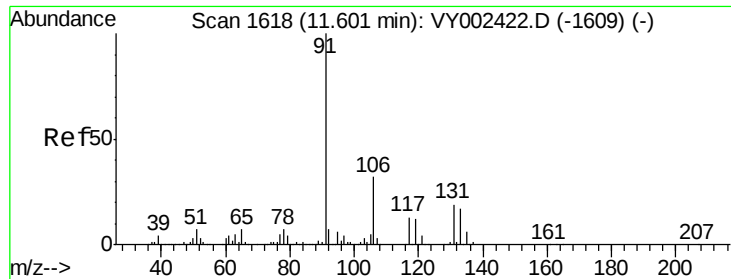
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.552 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.9	143.8
119	67.5	33.5	100.4





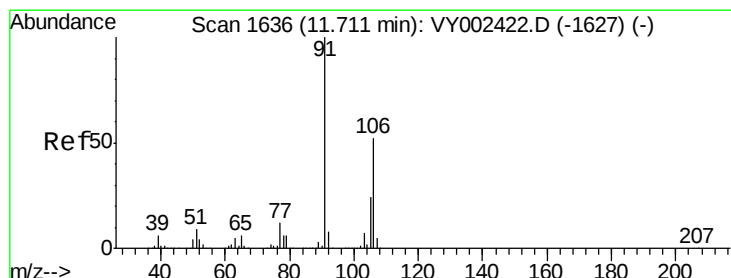
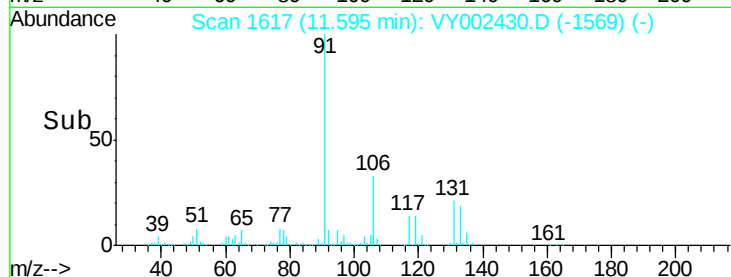
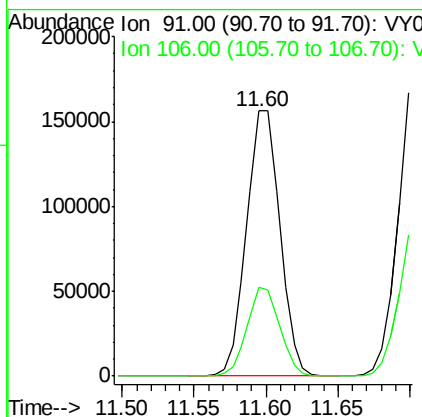
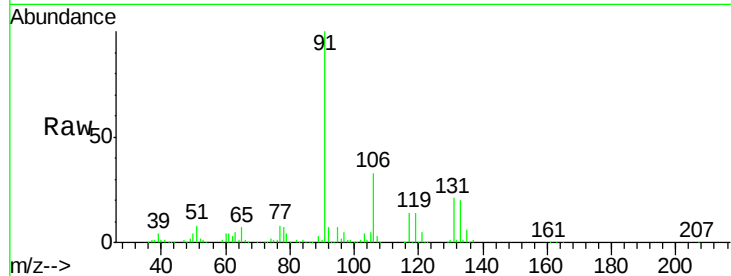
#67
Ethyl Benzene
Concen: 19.315 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleID :
VY0421SBS01

Tot Ion: 91 Resp: 250769
Ion Ratio Lower Upper
91 100
106 33.4 25.8 38.8

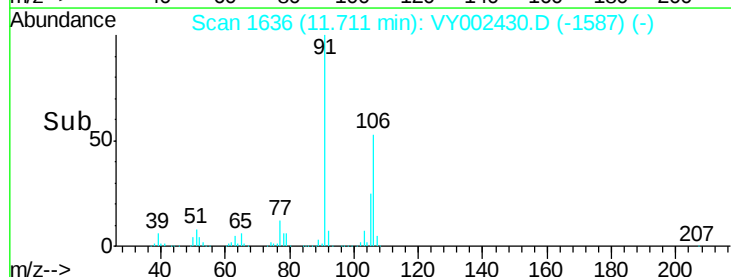
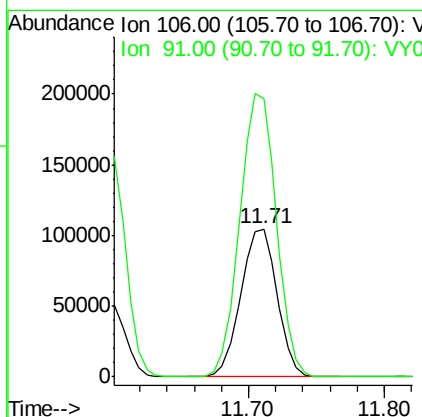
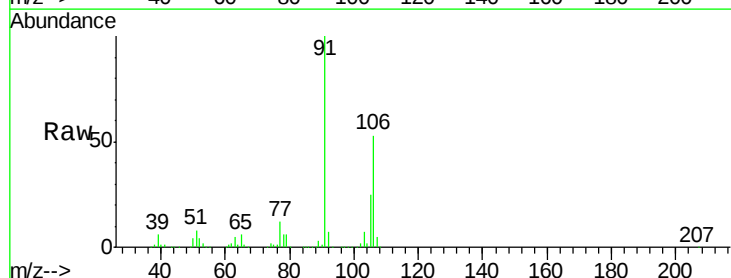
Manual Integrations
APPROVED

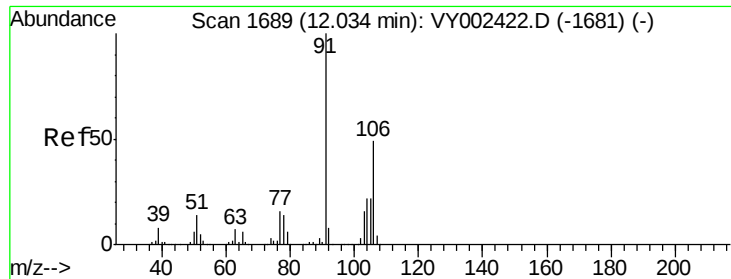
MMDadoda
4/22/2020 11:44:28 AM



#68
m/p-Xylenes
Concen: 38.846 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion: 106 Resp: 194900
Ion Ratio Lower Upper
106 100
91 192.8 153.6 230.4





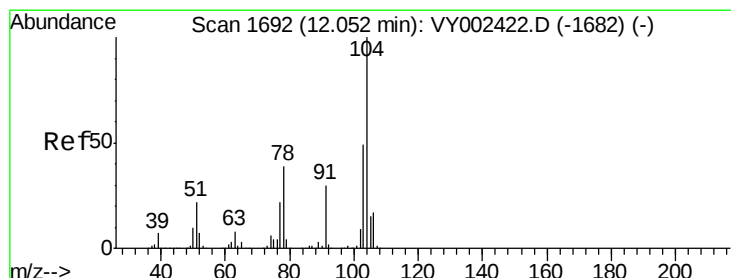
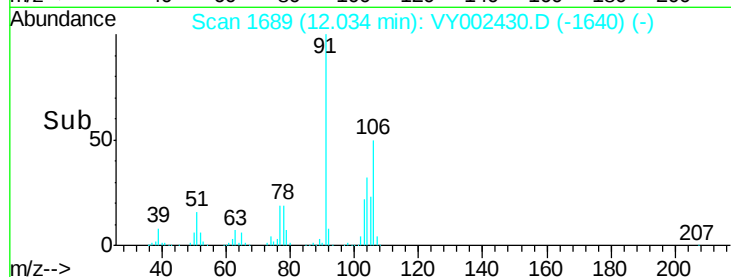
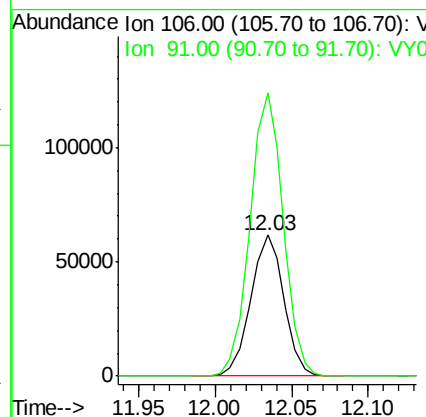
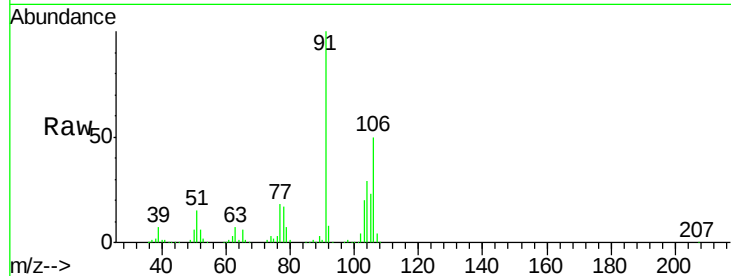
#69
o-Xylene
Concen: 19.641 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion:106 Resp: 92840
Ion Ratio Lower Upper
106 100
91 201.0 100.4 301.2

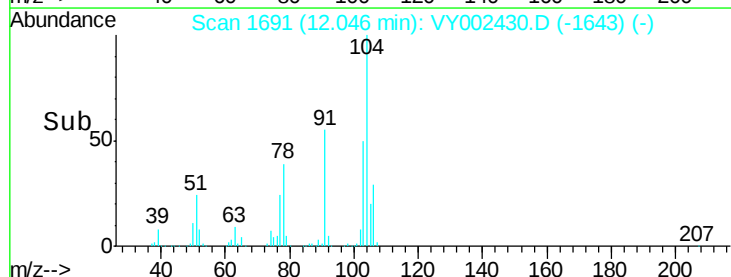
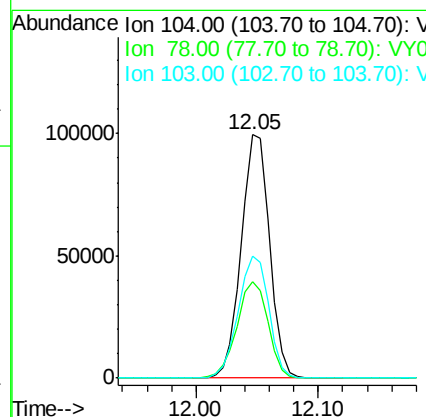
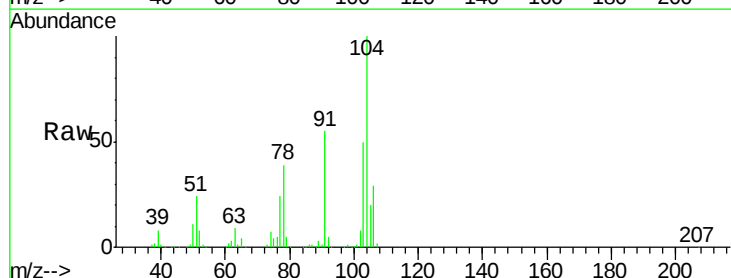
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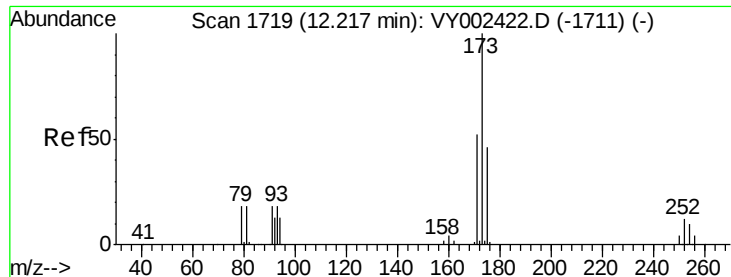
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#70
Styrene
Concen: 19.726 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion:104 Resp: 159623
Ion Ratio Lower Upper
104 100
78 43.3 34.5 51.7
103 54.0 43.4 65.2





#71

Bromoform

Concen: 19.976 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion:173 Resp: 32373

Ion Ratio Lower Upper

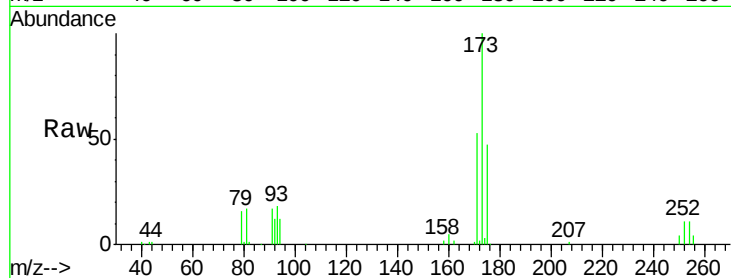
173 100

175 48.9 23.9 71.7

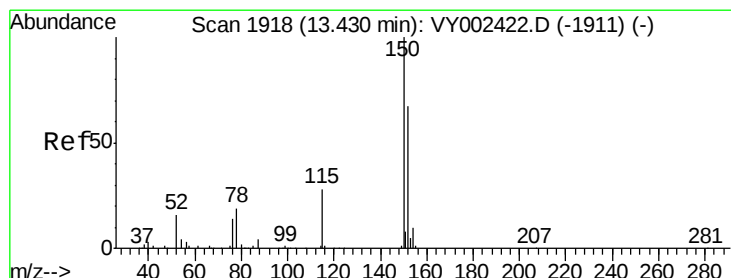
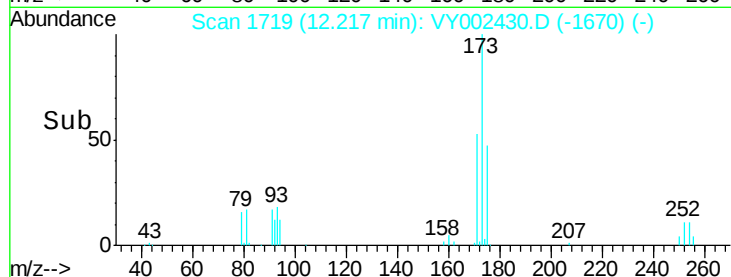
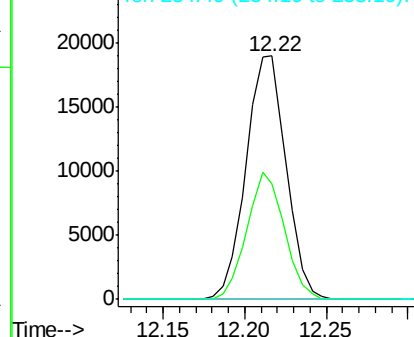
254 0.0 0.1 0.1#

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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: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

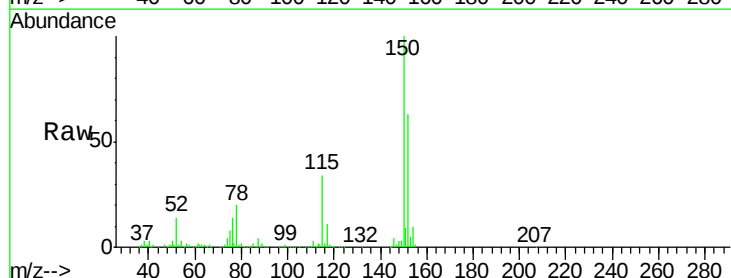
Tgt Ion:152 Resp: 188244

Ion Ratio Lower Upper

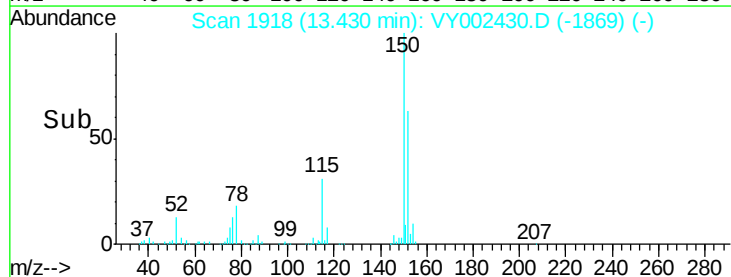
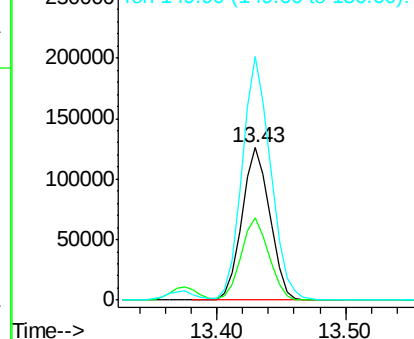
152 100

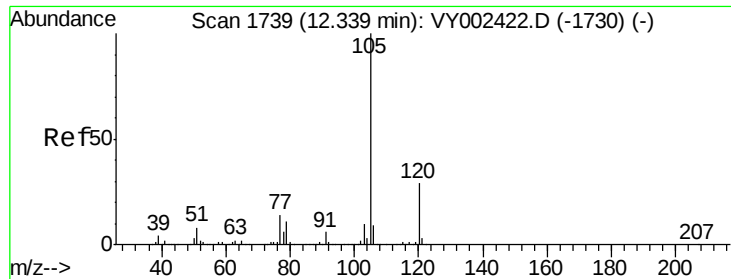
115 53.7 27.3 81.8

150 163.2 0.0 344.0



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: 20.109 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion: 105 Resp: 248437

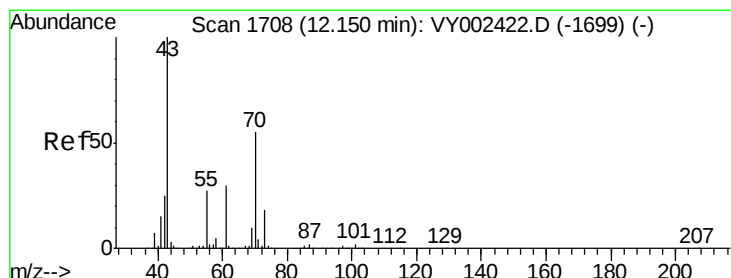
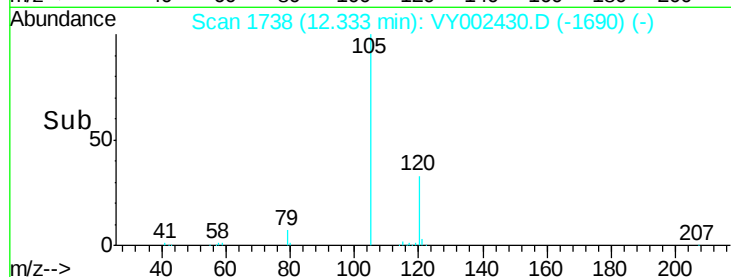
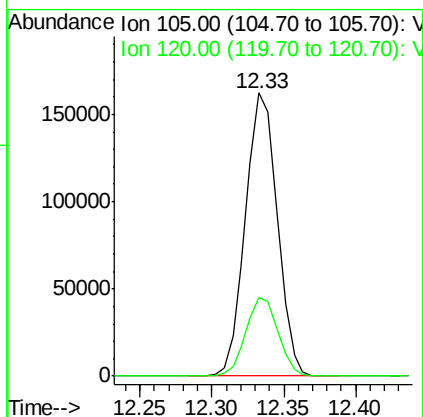
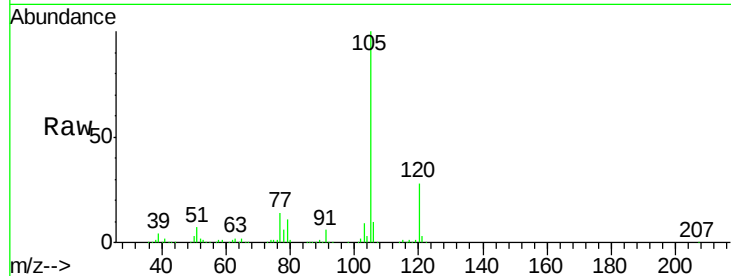
Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.101 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion: 43 Resp: 54282

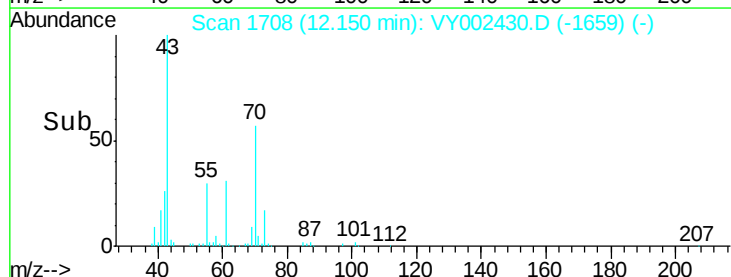
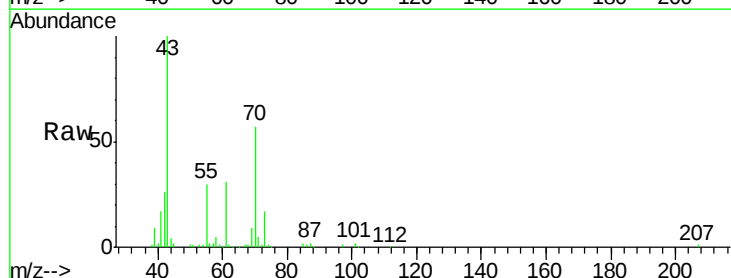
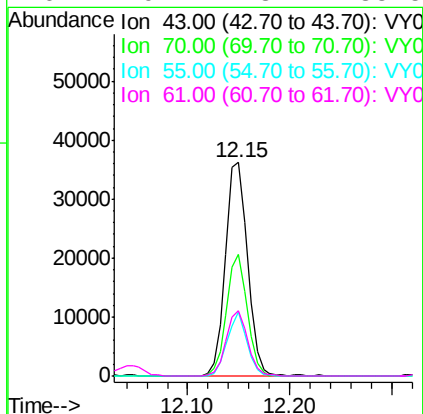
Ion Ratio Lower Upper

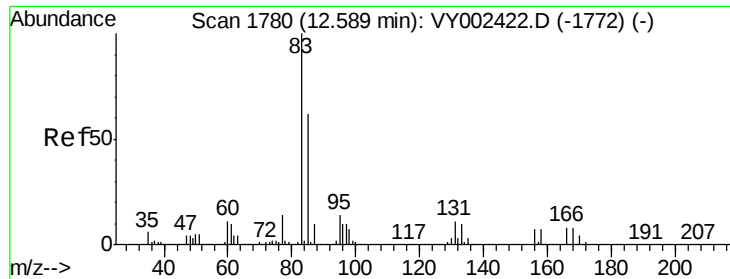
43 100

70 53.4 42.6 63.8

55 26.8 21.0 31.4

61 29.7 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.854 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

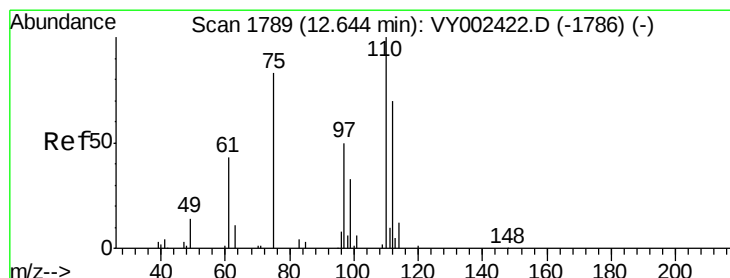
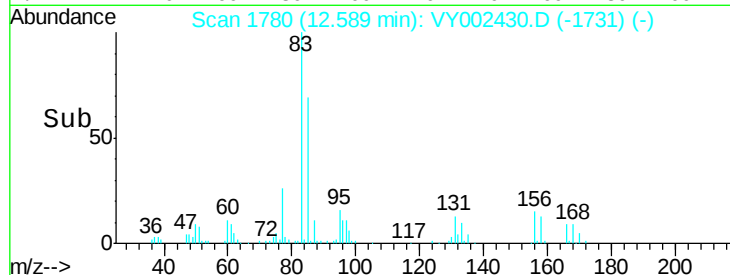
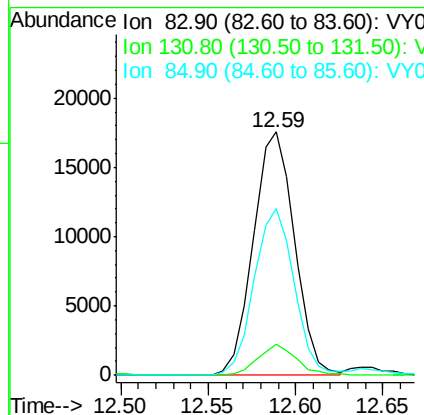
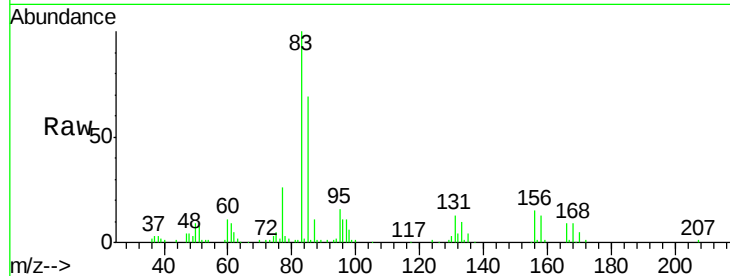
ClientSampleId :

VY0421SBS01

Tot Ion:	83	Resp:	28677
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.6
85	66.5	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 17.972 ug/l m

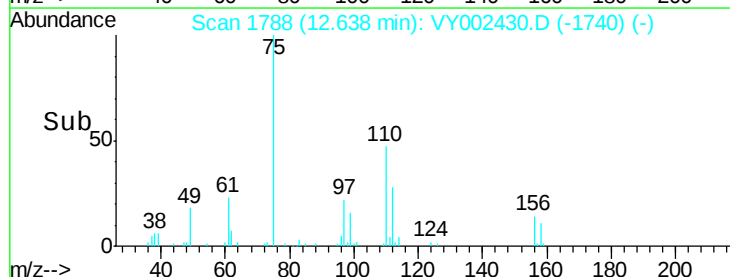
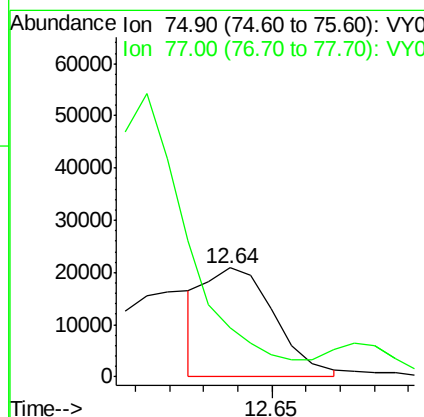
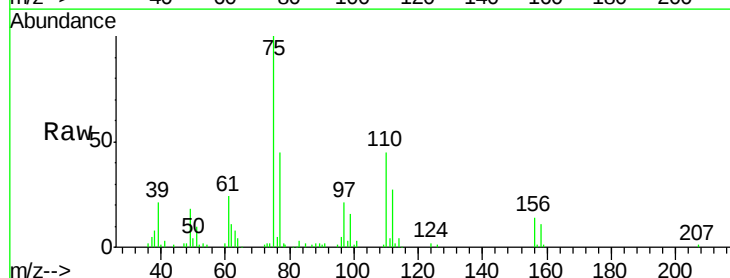
RT: 12.64 min Scan# 1788

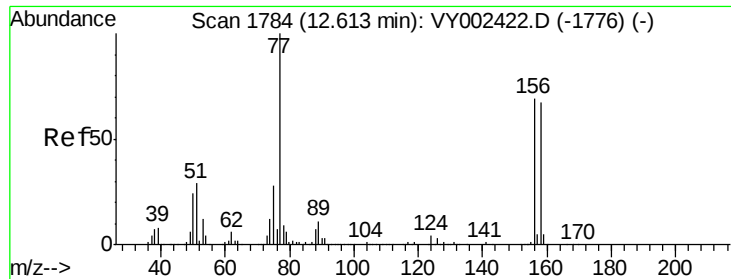
Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion:	75	Resp:	29804
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.386 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion:156 Resp: 60337

Ion Ratio Lower Upper

156 100

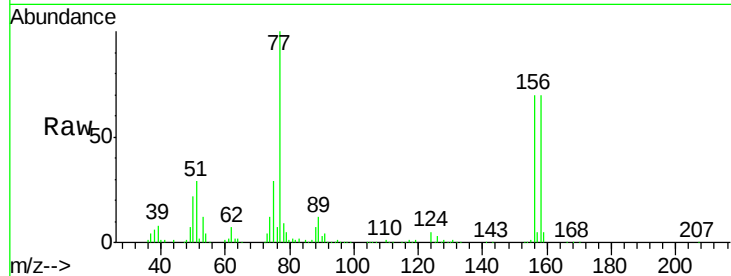
77 158.0 80.2 240.6

158 97.3 48.4 145.0

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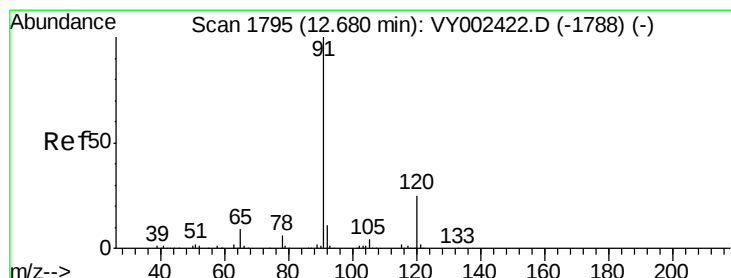
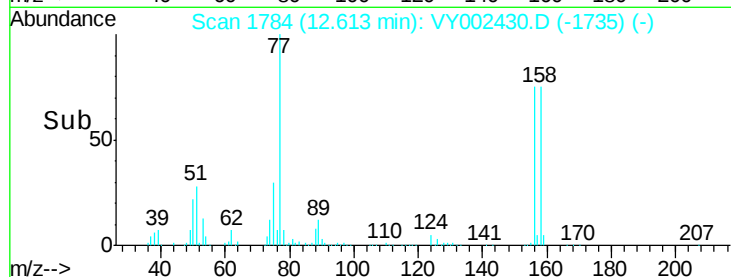
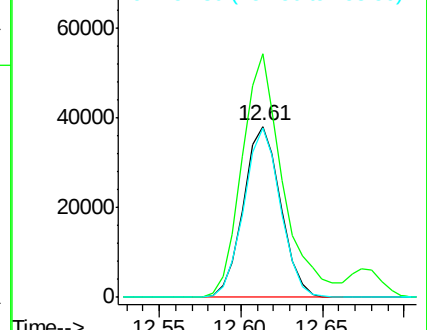
4/22/2020 11:44:28 AM



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: 18.746 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002430.D

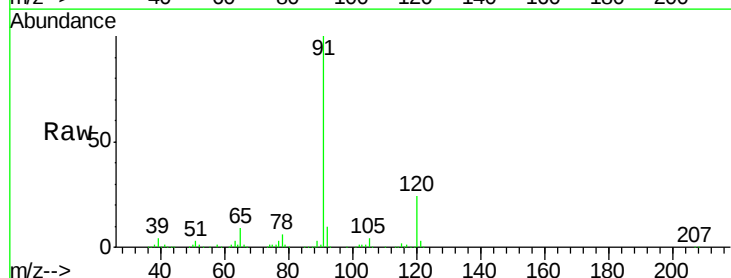
Acq: 21 Apr 2020 14:12

Tgt Ion: 91 Resp: 273563

Ion Ratio Lower Upper

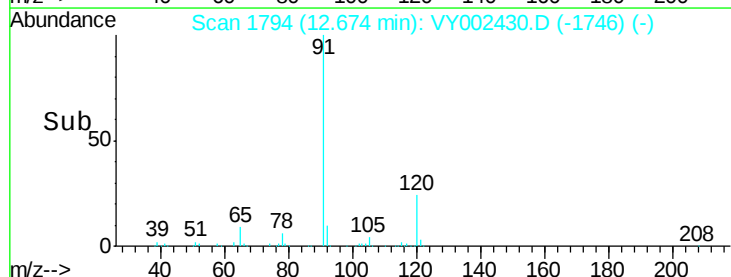
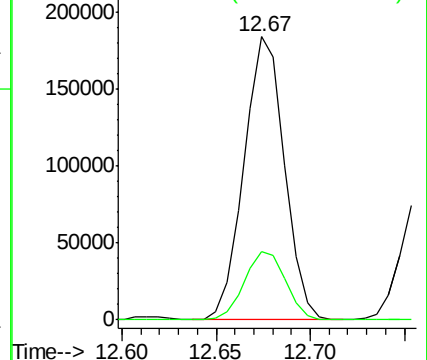
91 100

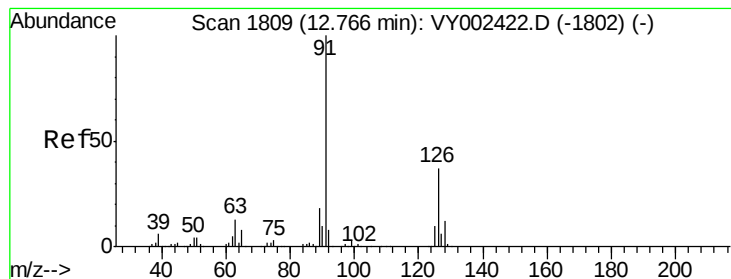
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.545 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampled :

VY0421SBS01

Tot Ion: 91 Resp: 147759

Ion Ratio Lower Upper

91 100

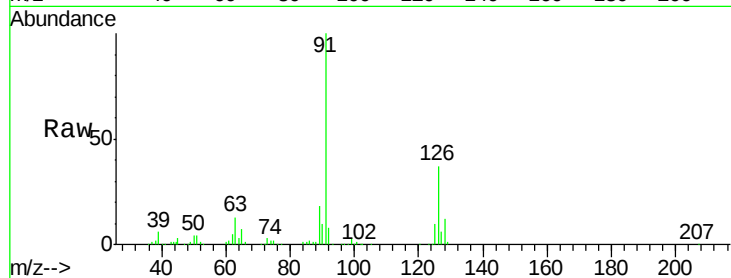
126 37.8 18.8 56.4

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Abundance Ion 91.00 (90.70 to 91.70): VY002422.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002422.D (-1802) (-)

200000

150000

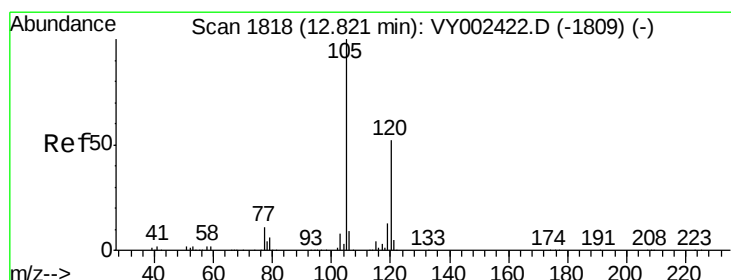
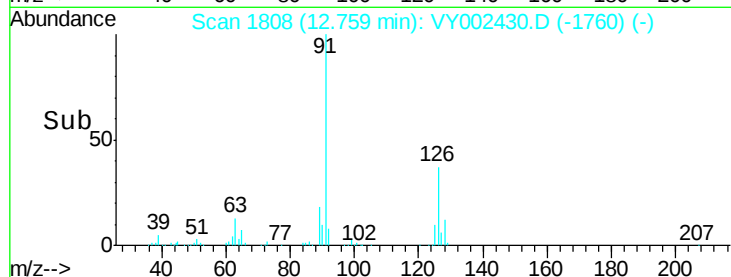
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.651 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002430.D

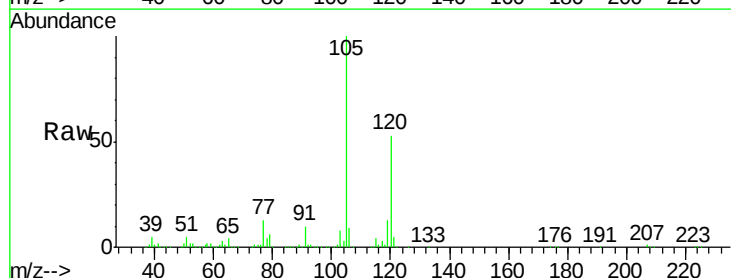
Acq: 21 Apr 2020 14:12

Tgt Ion: 105 Resp: 189994

Ion Ratio Lower Upper

105 100

120 51.5 25.9 77.6



Abundance Ion 105.00 (104.70 to 105.70): VY002422.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002422.D (-1809) (-)

150000

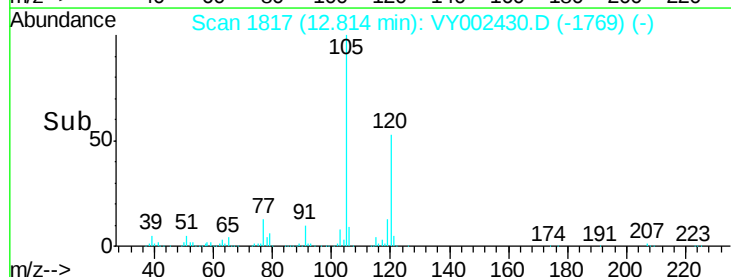
100000

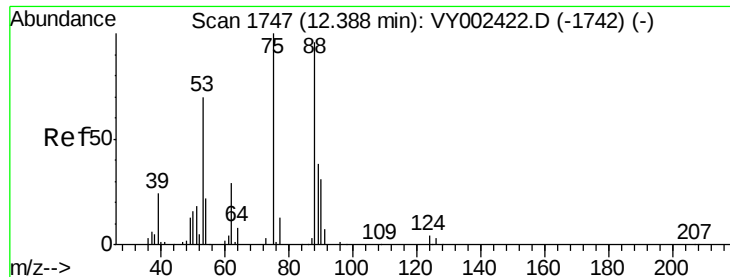
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.582 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

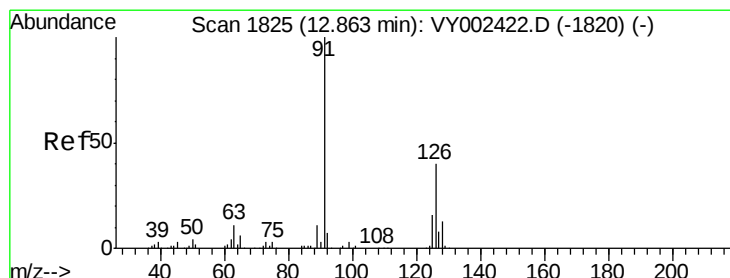
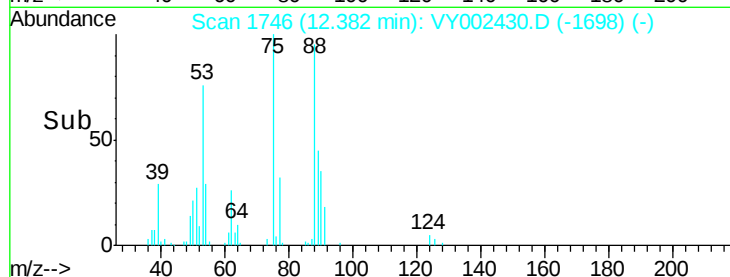
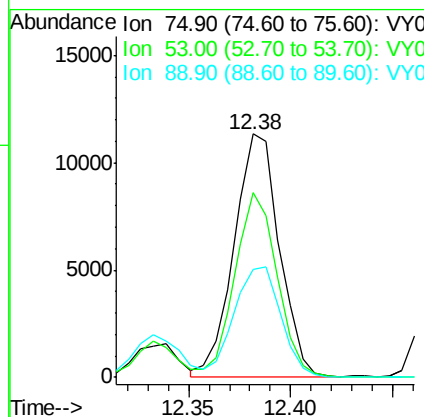
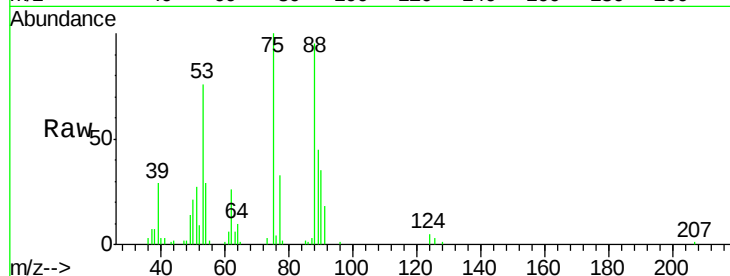
ClientSampleId :

VY0421SBS01

Tot Ion:	75	Resp:	17514
Ion	Ratio	Lower	Upper
75	100		
53	71.1	58.7	88.1
89	46.9	37.9	56.9

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#82

4-Chlorotoluene

Concen: 18.298 ug/l

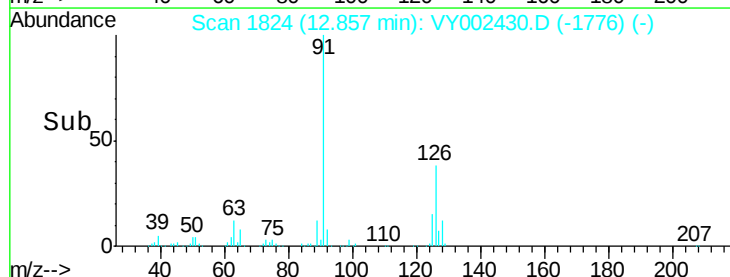
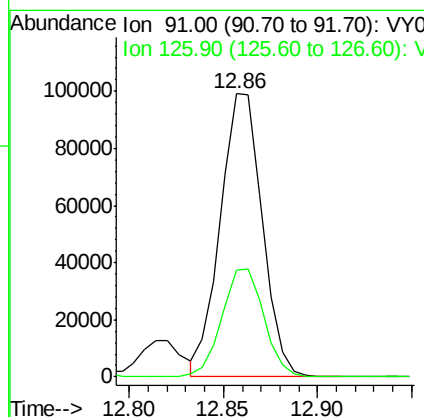
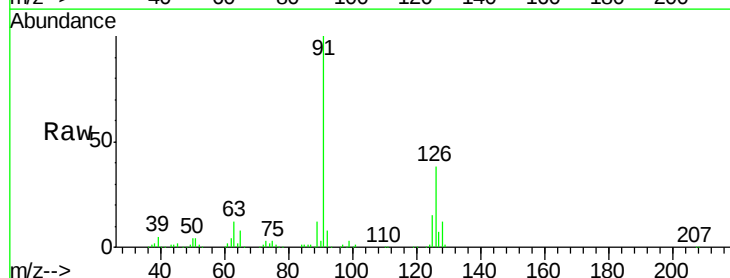
RT: 12.86 min Scan# 1824

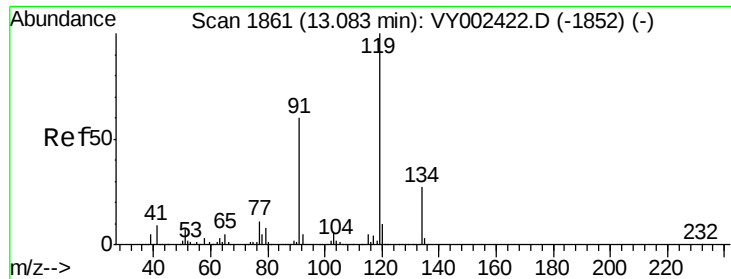
Delta R.T. -0.01 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Tgt Ion:	91	Resp:	153236
Ion	Ratio	Lower	Upper
91	100		
126	38.2	0.0	0.0#





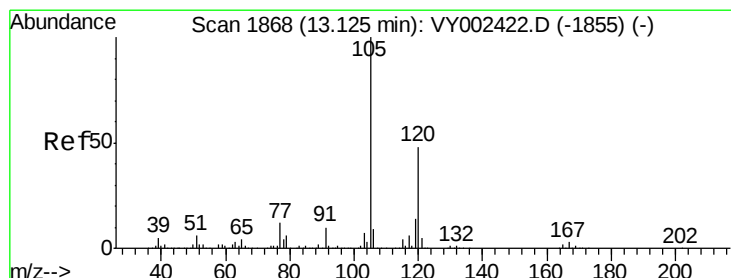
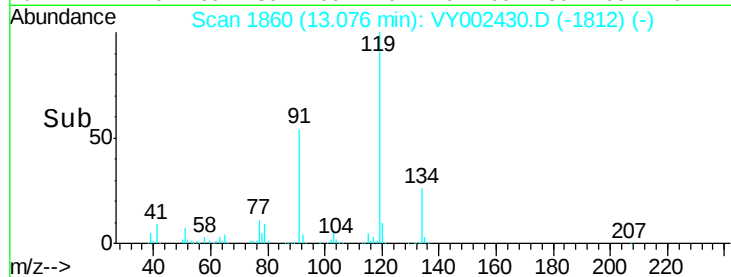
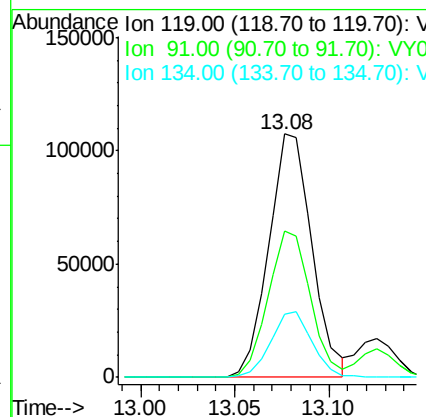
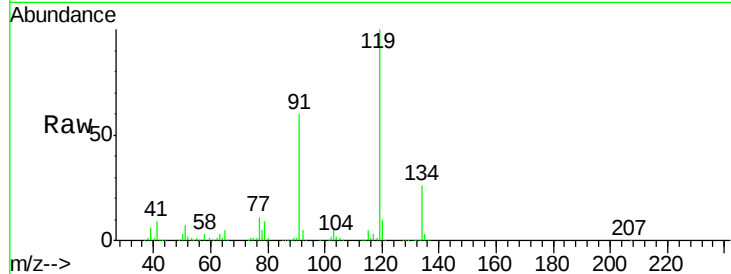
#83
tert-Butylbenzene
Concen: 19.263 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.2	90.6
134	26.2	13.3	39.9

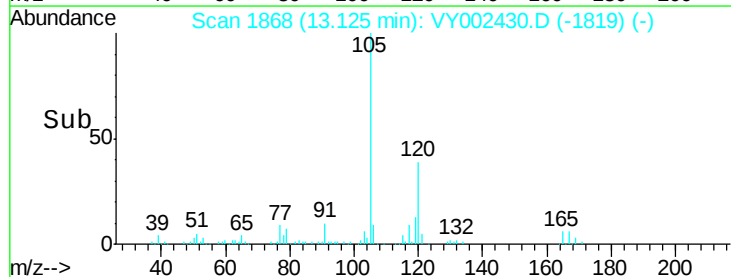
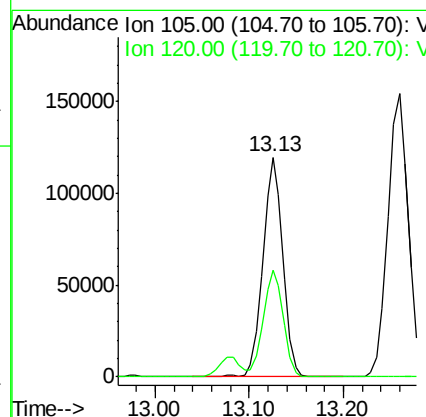
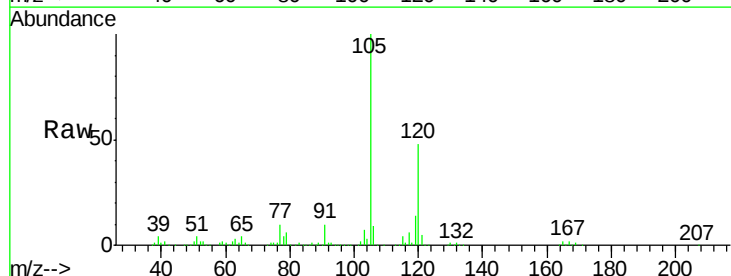
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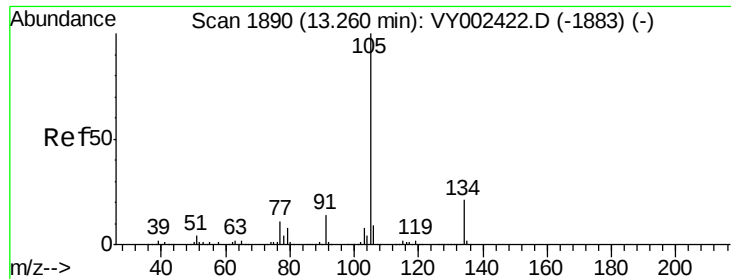
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.516 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.9	71.7





#85

sec-Butylbenzene

Concen: 18.449 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

Tot Ion:105 Resp: 232143

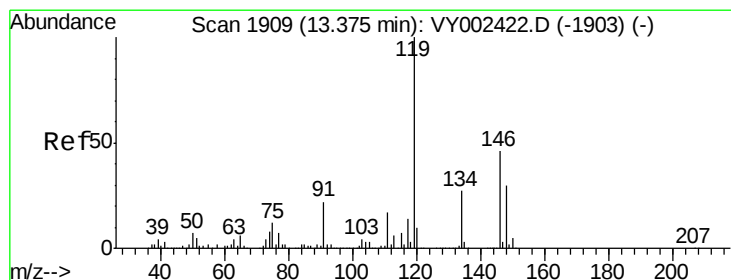
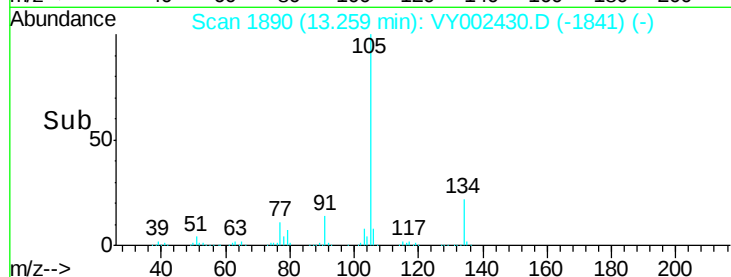
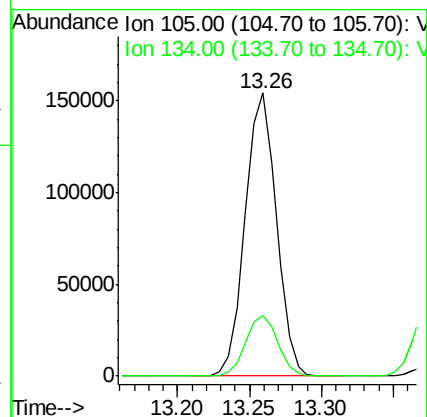
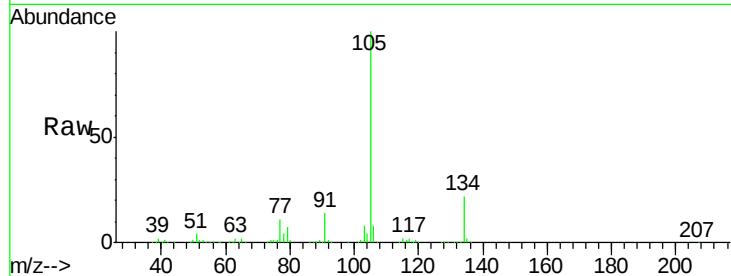
Ion Ratio Lower Upper

105 100

134 21.9 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 19.159 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002430.D

Acq: 21 Apr 2020 14:12

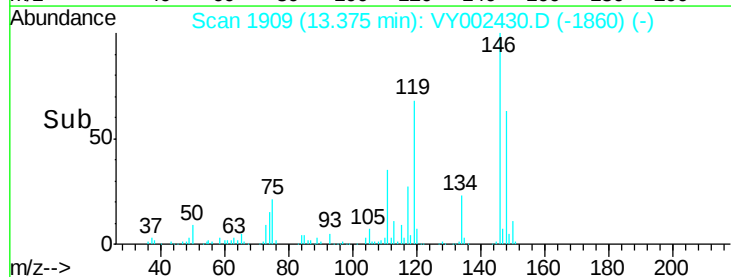
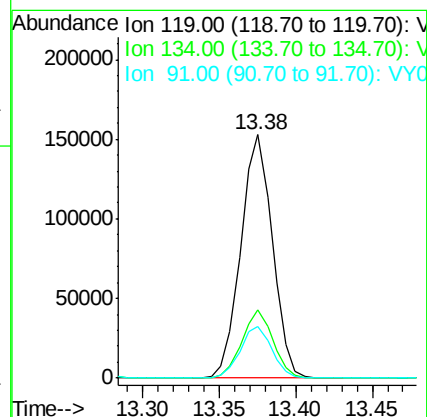
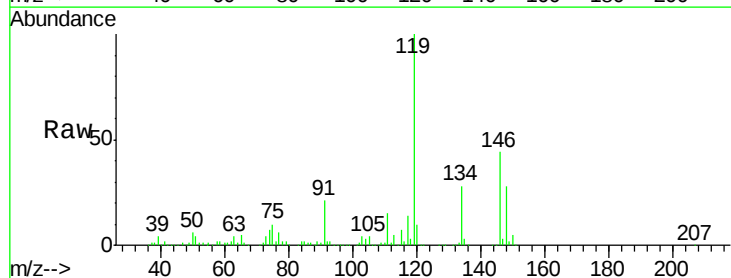
Tgt Ion:119 Resp: 218650

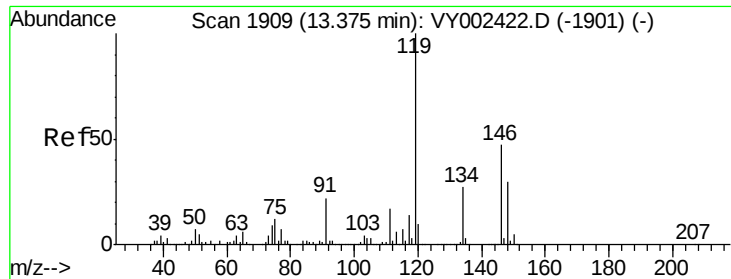
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 21.4 10.7 32.1





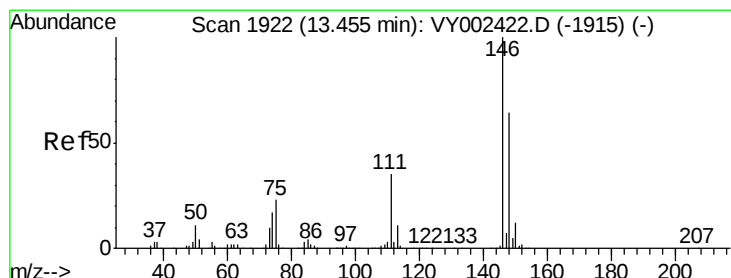
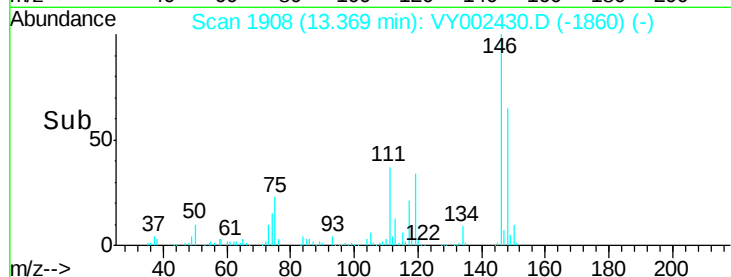
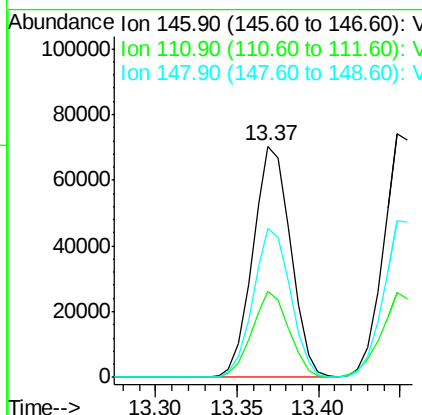
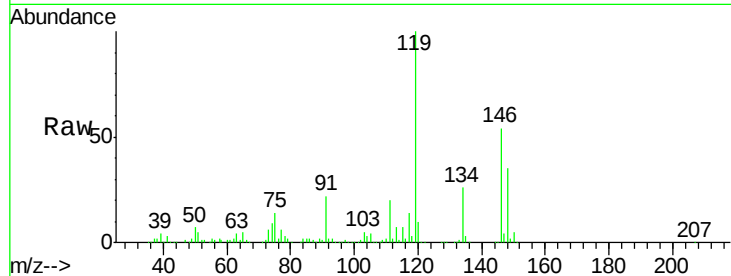
#87
 1,3-Dichlorobenzene
 Concen: 19.484 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.5	18.6	55.8	
148	63.7	31.8	95.3	

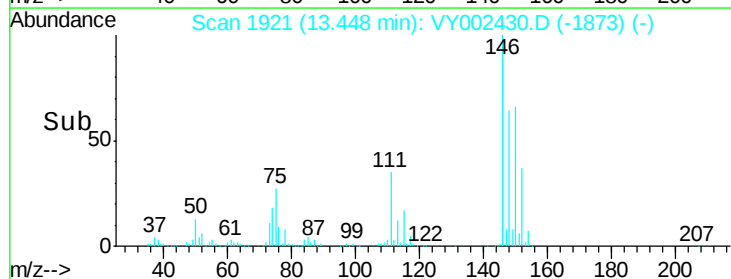
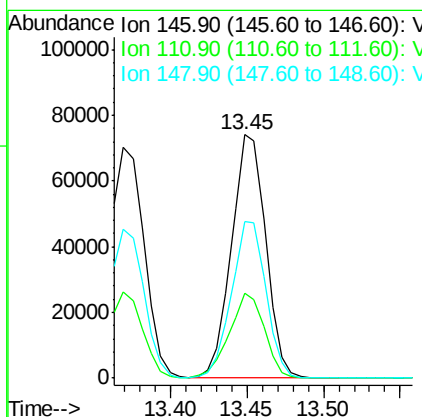
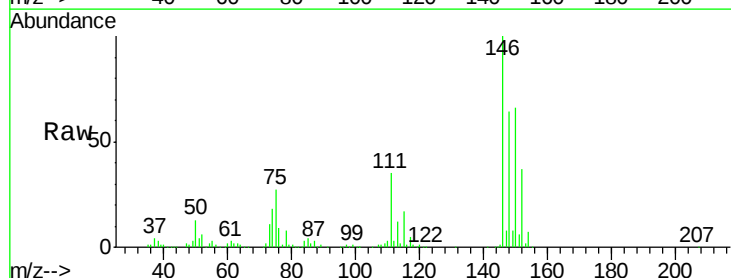
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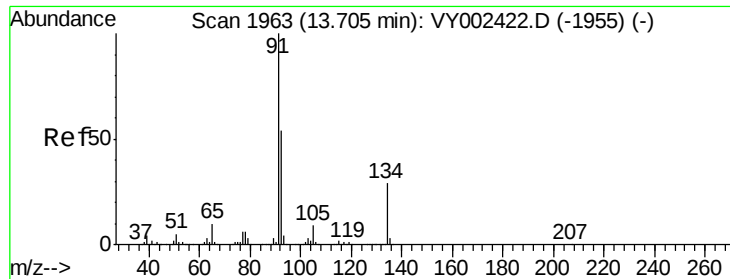
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#88
 1,4-Dichlorobenzene
 Concen: 19.613 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.1	17.9	53.8	
148	64.6	32.1	96.3	





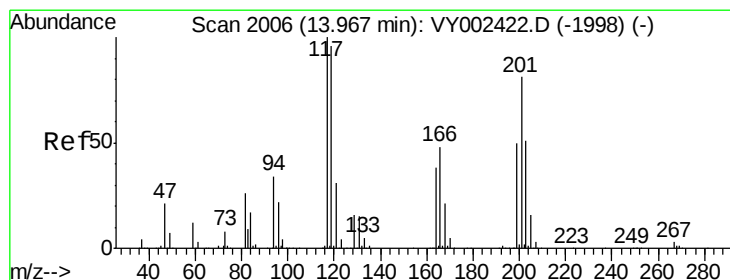
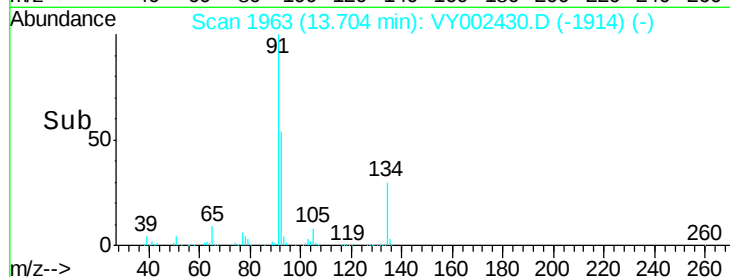
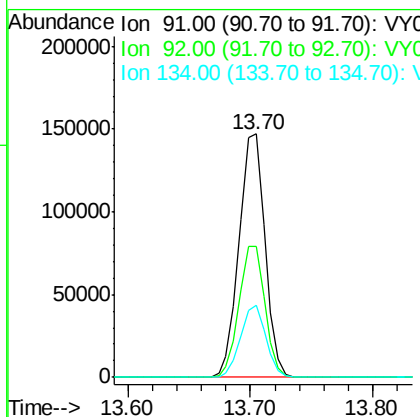
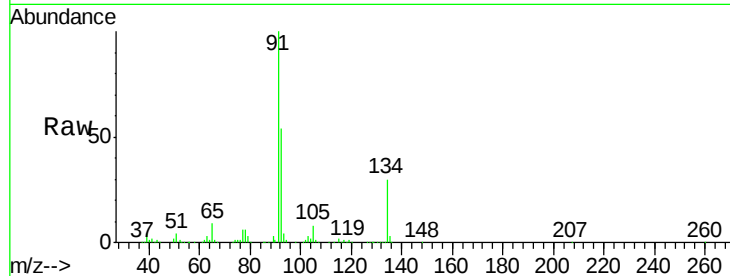
#89
n-Butylbenzene
Concen: 20.310 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.4
134	28.9	14.4	43.2

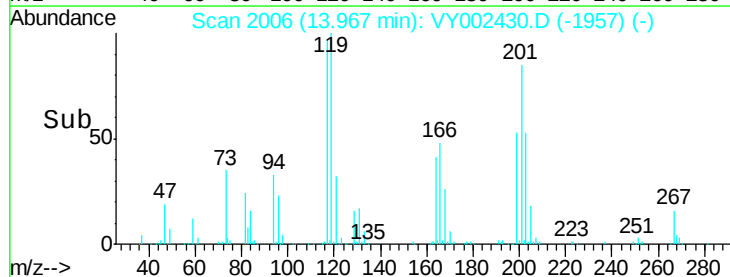
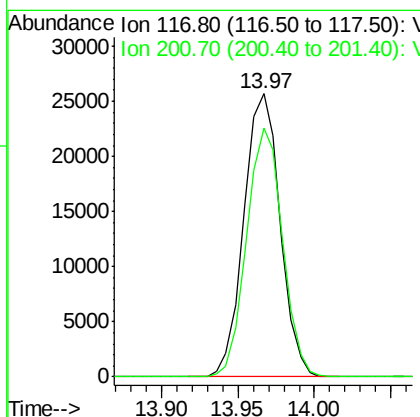
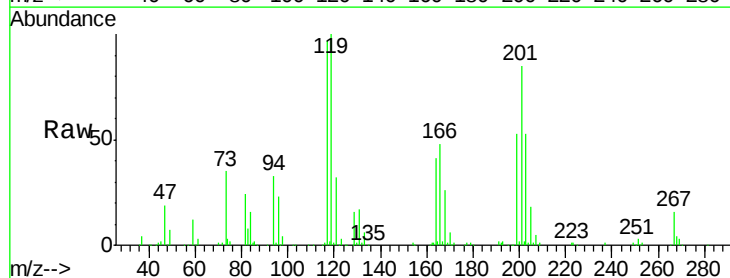
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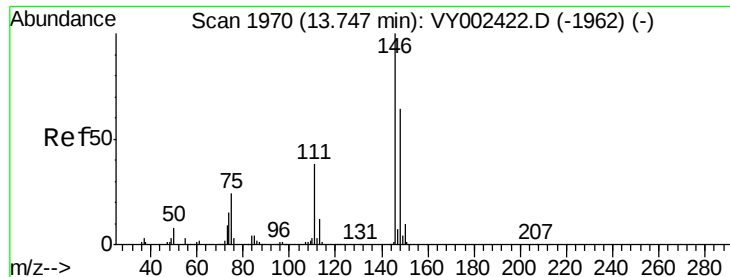
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#90
Hexachloroethane
Concen: 19.750 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	42.5	127.5





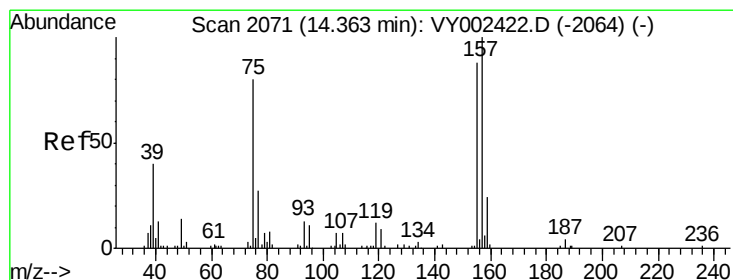
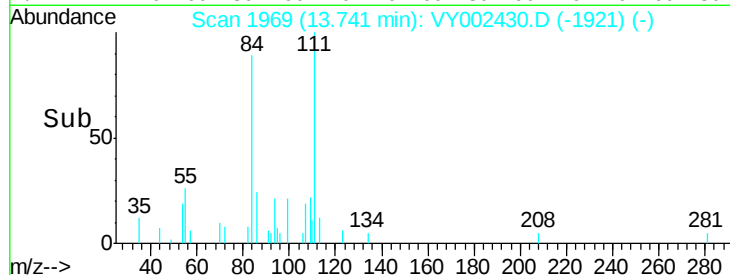
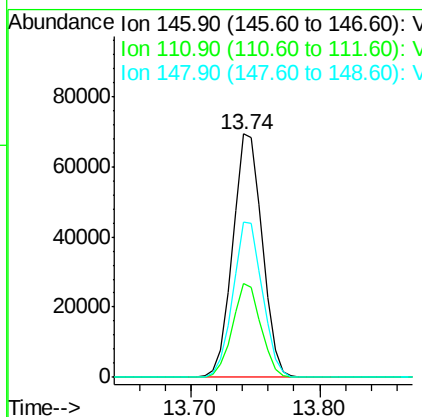
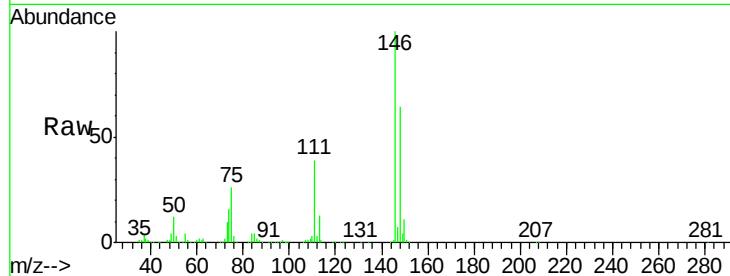
#91
 1,2-Dichlorobenzene
 Concen: 20.807 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.5
148	63.5	31.9	95.5

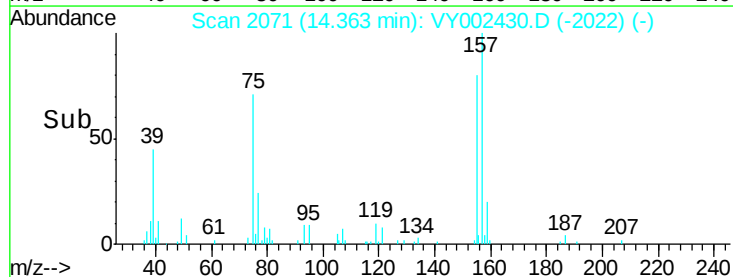
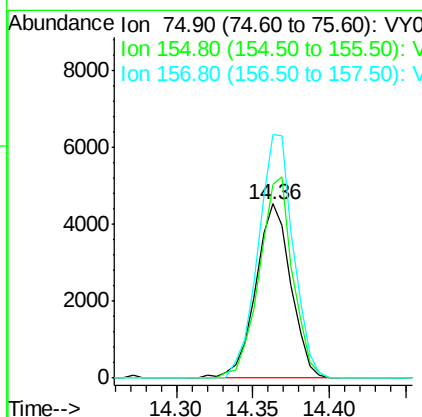
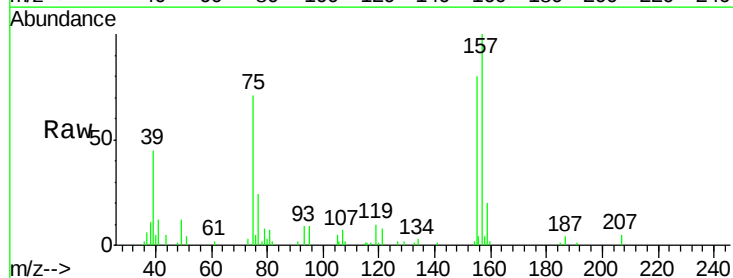
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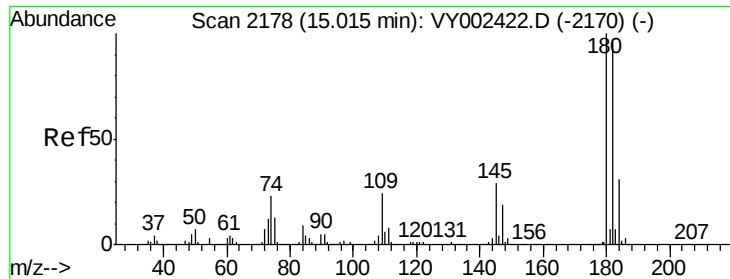
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.851 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	110.1	56.1	168.3
157	140.0	71.5	214.5





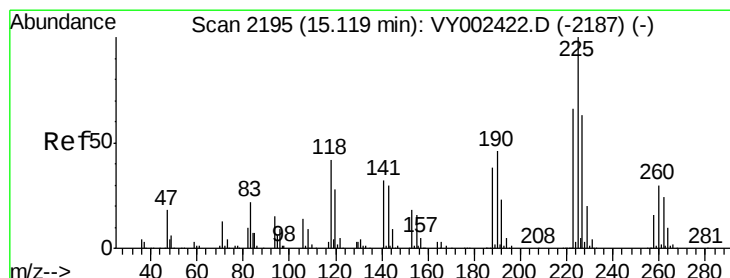
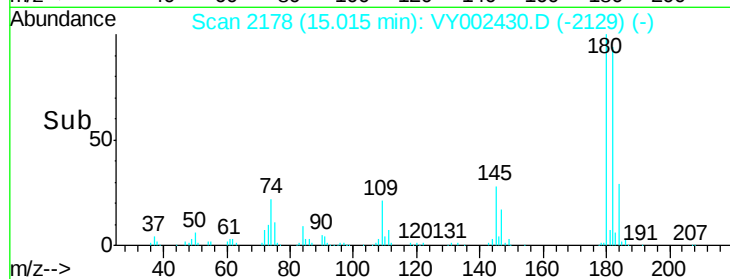
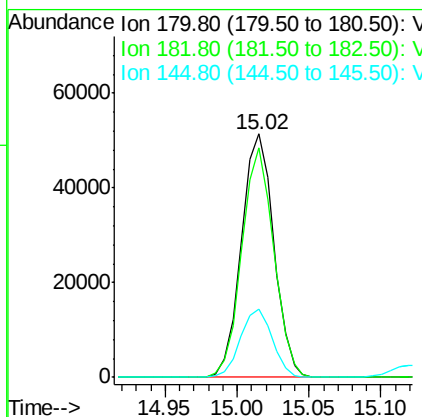
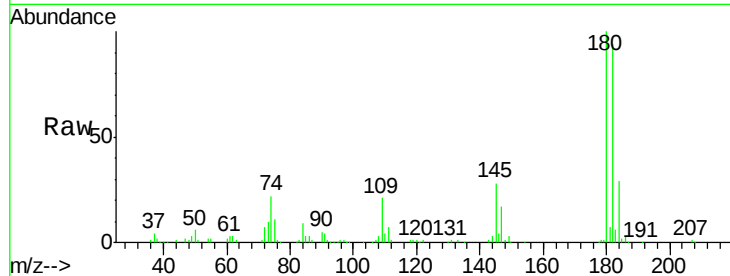
#93
 1,2,4-Trichlorobenzene
 Concen: 21.073 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.3
145	27.8	14.5	43.6

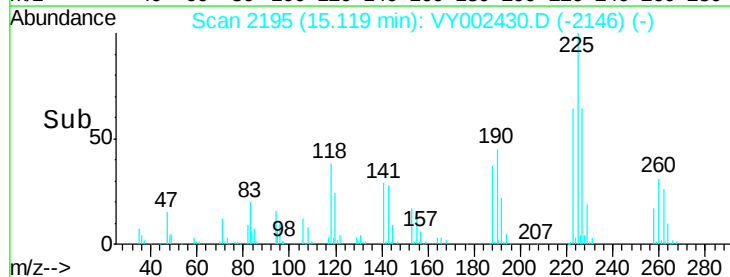
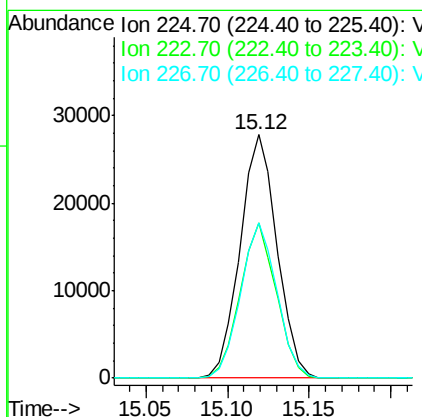
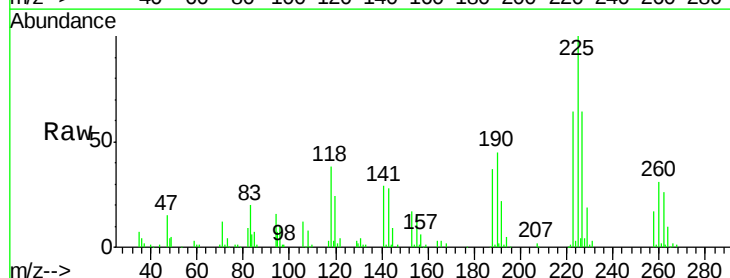
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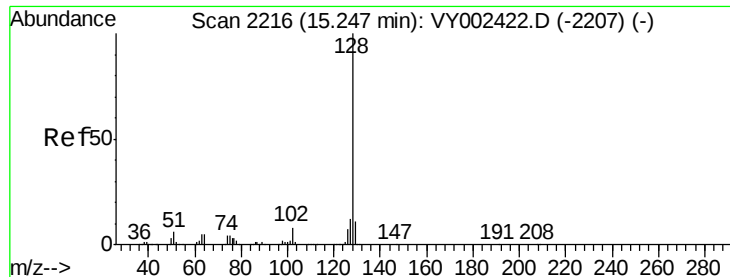
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#94
 Hexachlorobutadiene
 Concen: 21.004 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002430.D
 Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.0	96.0
227	62.8	31.6	95.0





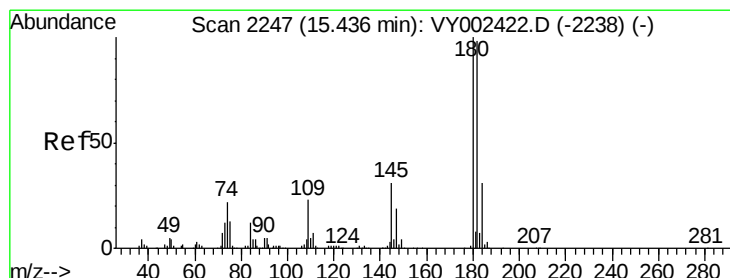
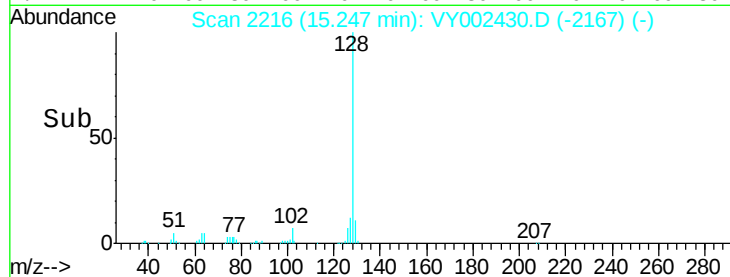
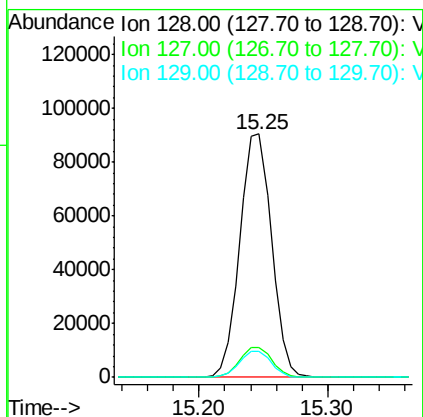
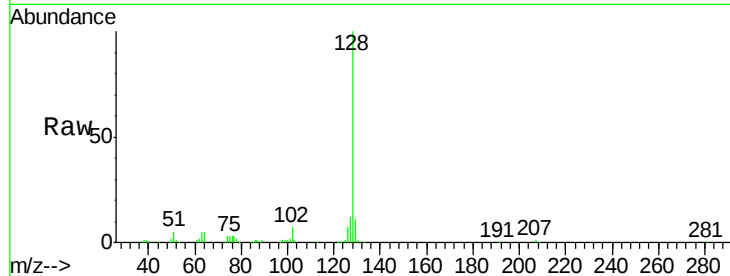
#95
Naphthalene
Concen: 20.950 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	154172		
127	12.5	10.2	15.2	
129	10.9	9.0	13.6	

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#96
1,2,3-Trichlorobenzene
Concen: 20.345 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002430.D
Acq: 21 Apr 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67044		
182	95.5	47.2	141.6	
145	30.6	14.8	44.4	

