

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000465.D
 Acq On : 29 Oct 2019 11:38
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:59:48 AM

Quant Time: Oct 30 06:50:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	206728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	338046	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	305477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	108792	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.72	113	98834	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.18	98	389428	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.48	95	142097	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	39546	21.756	ug/l	92
3) Chloromethane	2.12	50	55964	22.154	ug/l	99
4) Vinyl Chloride	2.25	62	51434	20.175	ug/l	99
5) Bromomethane	2.65	94	32702	17.308	ug/l	98
6) Chloroethane	2.79	64	34789	21.149	ug/l	95
7) Trichlorofluoromethane	3.13	101	74988	21.503	ug/l	99
8) Diethyl Ether	3.54	74	27063	21.967	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	44800	21.183	ug/l	97
10) Methyl Iodide	4.09	142	49046	17.081	ug/l	99
11) Tert butyl alcohol	4.97	59	23682	103.774	ug/l #	87
12) 1,1-Dichloroethene	3.87	96	43609	20.887	ug/l	86
13) Acrolein	3.74	56	18350	68.585	ug/l	100
14) Allyl chloride	4.49	41	71259	20.595	ug/l	97
15) Acrylonitrile	5.18	53	71536	103.742	ug/l	96
16) Acetone	3.96	43	68924	97.600	ug/l	91
17) Carbon Disulfide	4.19	76	124667	18.964	ug/l	99
18) Methyl Acetate	4.49	43	39728	22.642	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	125983	21.675	ug/l	99
20) Methylene Chloride	4.72	84	56114	20.361	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	49887	20.826	ug/l	91
22) Diisopropyl ether	6.13	45	162208	22.166	ug/l	95
23) Vinyl Acetate	6.07	43	502585	105.271	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84255	21.093	ug/l	99
25) 2-Butanone	7.00	43	108741	109.310	ug/l	97
26) 2,2-Dichloropropane	6.99	77	80391	21.841	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	58381	22.523	ug/l	96
28) Bromochloromethane	7.35	49	32837	19.150	ug/l	96
29) Tetrahydrofuran	7.36	42	63955	106.082	ug/l	100
30) Chloroform	7.52	83	88471	21.993	ug/l	98
31) Cyclohexane	7.79	56	85163	20.413	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	76240	21.318	ug/l	97
36) 1,1-Dichloropropene	7.93	75	68314	20.641	ug/l	100
37) Ethyl Acetate	7.08	43	40709	20.773	ug/l	99
38) Carbon Tetrachloride	7.91	117	69422	21.664	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	85491	19.736	ug/l	95
40) Benzene	8.17	78	203014	21.226	ug/l	99
41) Methacrylonitrile	7.32	41	27136m	29.090	ug/l	
42) 1,2-Dichloroethane	8.25	62	60275	22.062	ug/l	99
43) Isopropyl Acetate	8.28	43	79102	21.228	ug/l	100
44) Trichloroethene	8.95	130	53572	19.962	ug/l	91
45) 1,2-Dichloropropane	9.22	63	53134	22.637	ug/l	96
46) Dibromomethane	9.31	93	29372	22.385	ug/l	97
47) Bromodichloromethane	9.50	83	68604	22.186	ug/l	99
48) Methyl methacrylate	9.30	41	33829	20.715	ug/l	96
49) 1,4-Dioxane	9.30	88	7956	404.399	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	217733	113.290	ug/l	99
52) Toluene	10.25	92	130139	21.431	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	73464	22.168	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	81212	21.579	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	41913	21.969	ug/l	93
56) Ethyl methacrylate	10.51	69	57229	21.046	ug/l	96
57) 1,3-Dichloropropane	10.79	76	73480	22.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	133789	123.350	ug/l	100
59) 2-Hexanone	10.83	43	158224	117.289	ug/l	98
60) Dibromochloromethane	10.99	129	47063	22.257	ug/l	100
61) 1,2-Dibromoethane	11.09	107	40671	22.203	ug/l	98
64) Tetrachloroethene	10.72	164	56976	19.592	ug/l	97
65) Chlorobenzene	11.52	112	136939	21.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	50402	22.256	ug/l	96
67) Ethyl Benzene	11.60	91	249610	20.886	ug/l	97
68) m/p-Xylenes	11.70	106	196769	43.069	ug/l	97
69) o-Xylene	12.03	106	93246	21.394	ug/l	96
70) Styrene	12.04	104	155948	21.216	ug/l	98
71) Bromoform	12.20	173	28143	21.617	ug/l #	97
73) Isopropylbenzene	12.33	105	242733	20.038	ug/l	98
74) N-amyl acetate	12.14	43	70194	23.604	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	49820	21.905	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	39034m	20.433	ug/l	
77) Bromobenzene	12.61	156	55537	20.603	ug/l	97
78) n-propylbenzene	12.67	91	296937	20.416	ug/l	100
79) 2-Chlorotoluene	12.75	91	160403	19.970	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	201312	19.819	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17114	19.601	ug/l	96
82) 4-Chlorotoluene	12.85	91	171216	20.166	ug/l	96
83) tert-Butylbenzene	13.08	119	173387	20.157	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	202551	20.205	ug/l	97
85) sec-Butylbenzene	13.25	105	256463	20.610	ug/l	100
86) p-Isopropyltoluene	13.37	119	224933	20.734	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	107612	20.262	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	111750	21.052	ug/l	98
89) n-Butylbenzene	13.70	91	218830	20.412	ug/l	100
90) Hexachloroethane	13.96	117	40997	20.408	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	102605	21.348	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8802	20.406	ug/l	97

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QLast Update : Thu Oct 17 02:03:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	71007	21.219	ug/l	100
94) Hexachlorobutadiene	15.11	225	36179	19.978	ug/l	99
95) Naphthalene	15.23	128	160409	21.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	63263	20.977	ug/l	96

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

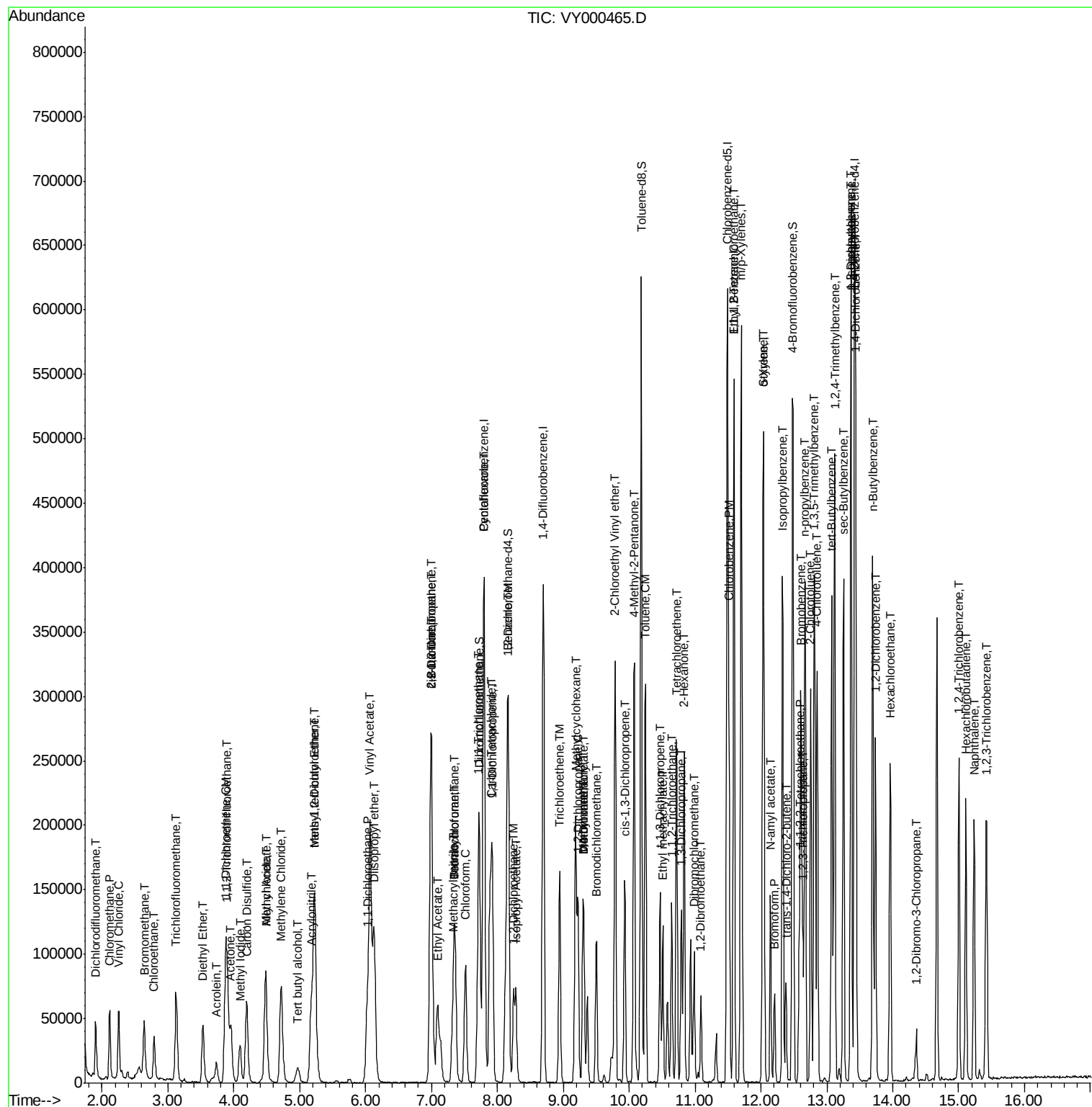
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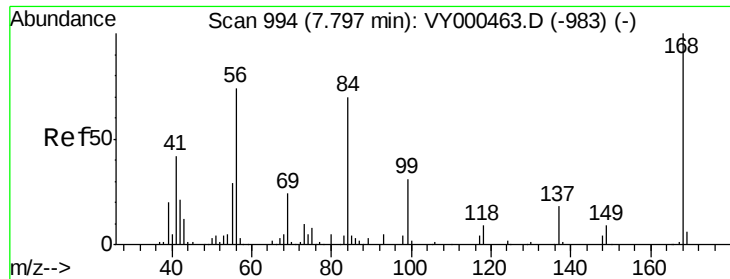
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion:168 Resp: 206728

Ion Ratio Lower Upper

168 100

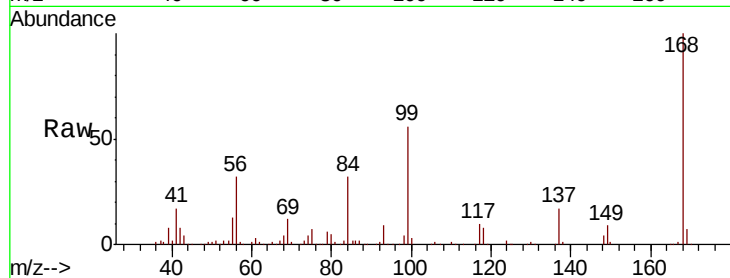
99 56.5 46.6 69.8

Manual Integrations

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10/30/2019 10:59:48 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000463.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000463.D (-983) (-)

7.80

100000

80000

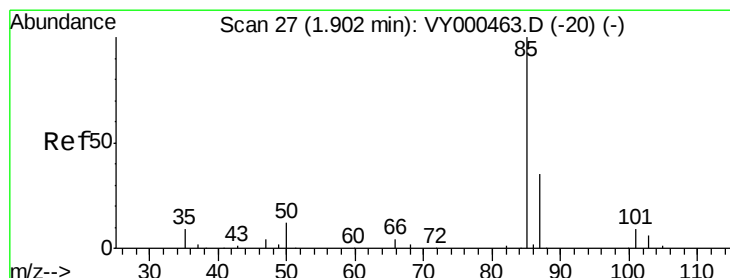
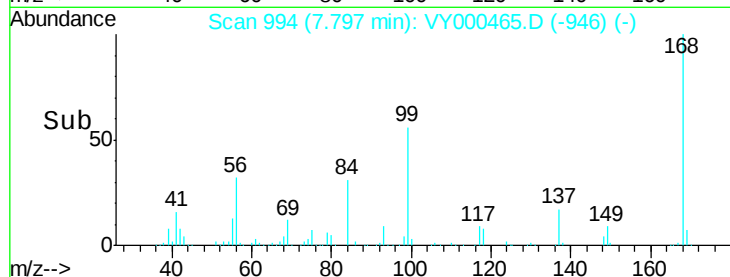
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.756 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000465.D

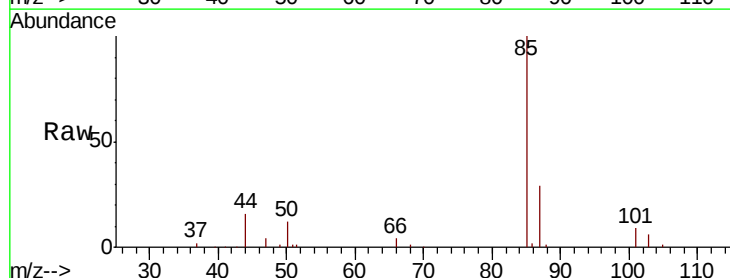
Acq: 29 Oct 2019 11:38

Tgt Ion: 85 Resp: 39546

Ion Ratio Lower Upper

85 100

87 28.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000463.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000463.D (-20) (-)

1.90

30000

25000

20000

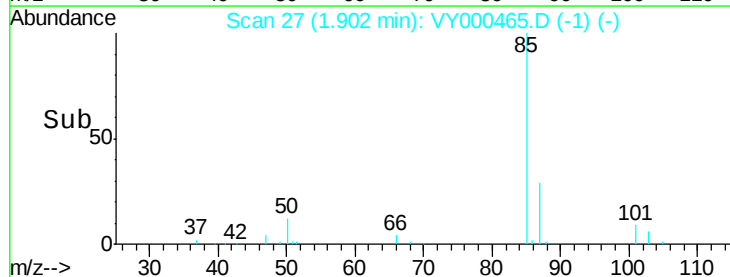
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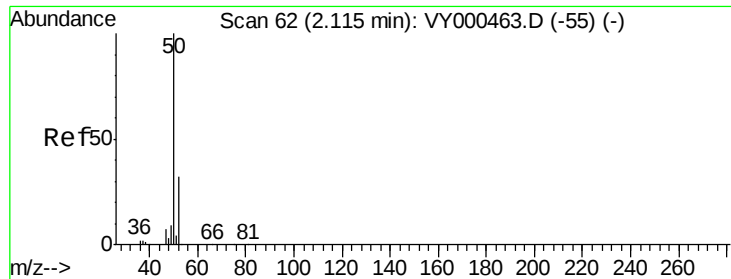
10000

5000

0

Time-->





#3

Chloromethane

Concen: 22.154 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 50 Resp: 55964

Ion Ratio Lower Upper

50 100

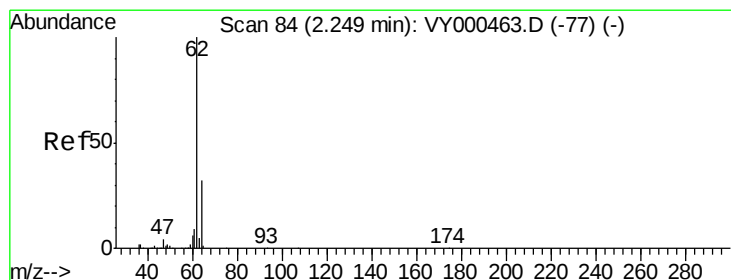
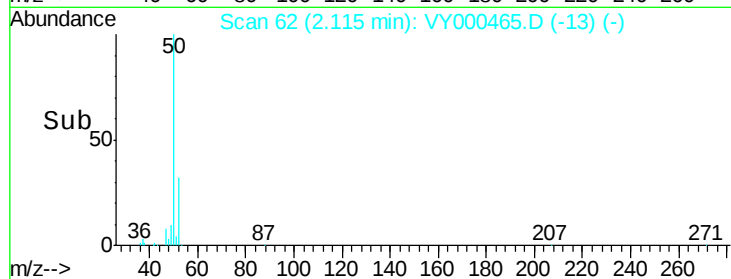
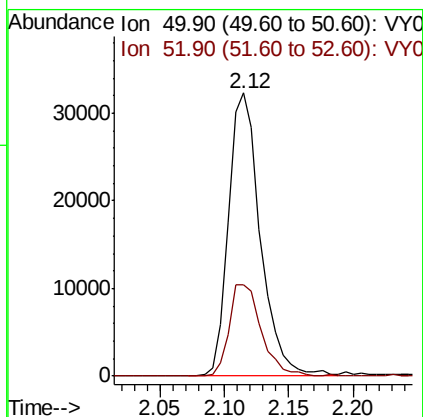
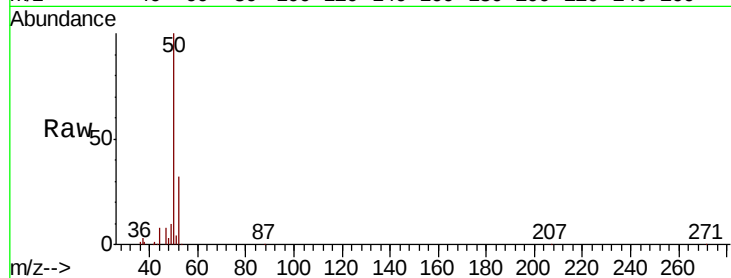
52 32.3 25.3 37.9

Manual Integrations

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10/30/2019 10:59:48 AM



#4

Vinyl Chloride

Concen: 20.175 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000465.D

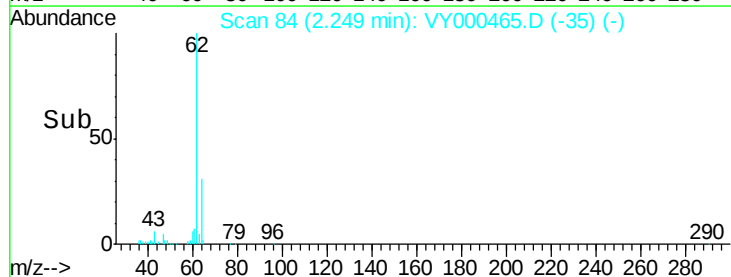
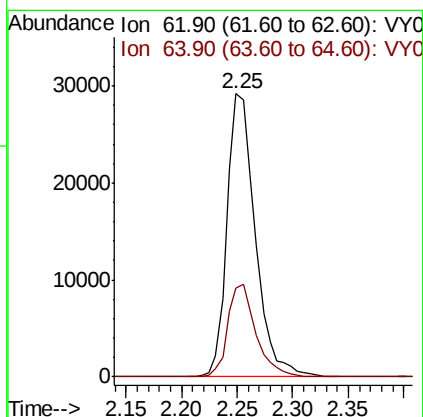
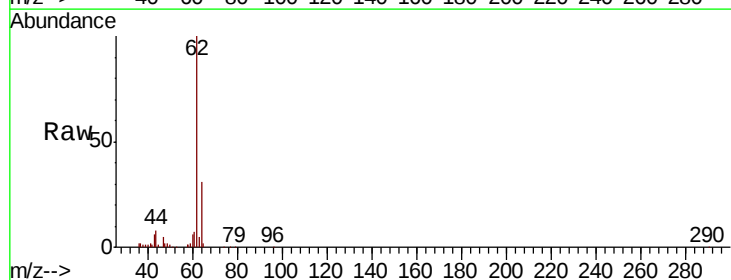
Acq: 29 Oct 2019 11:38

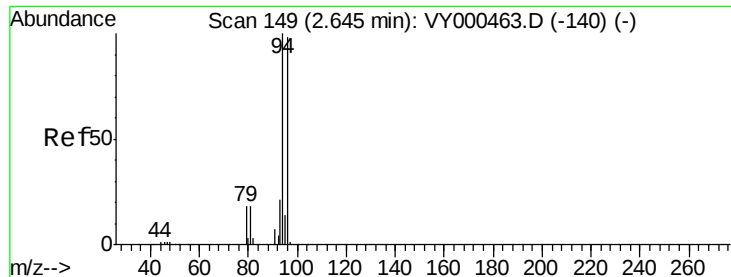
Tgt Ion: 62 Resp: 51434

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 17.308 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 94 Resp: 32702

Ion Ratio Lower Upper

94 100

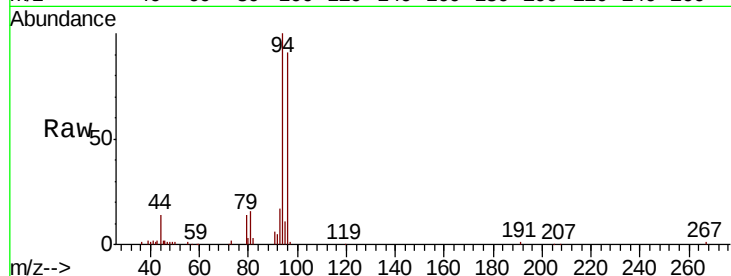
96 90.9 74.2 111.2

Manual Integrations

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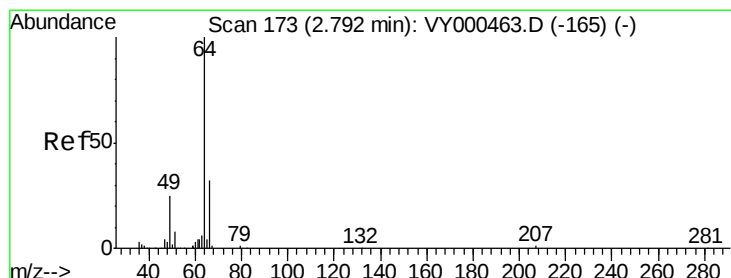
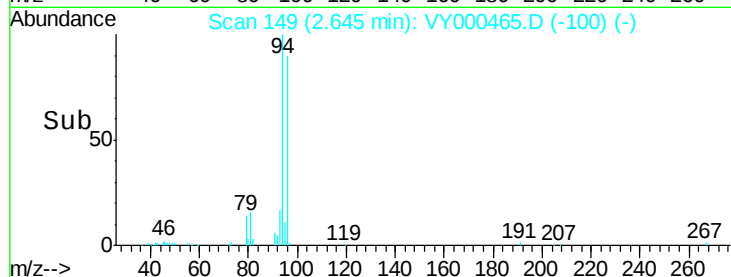
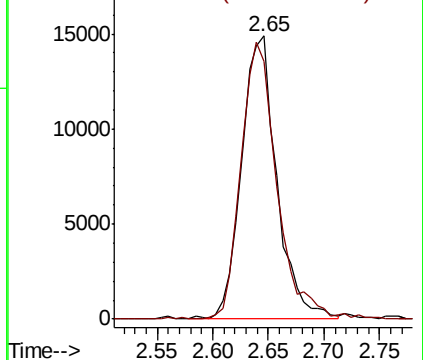
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10/30/2019 10:59:48 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.149 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000465.D

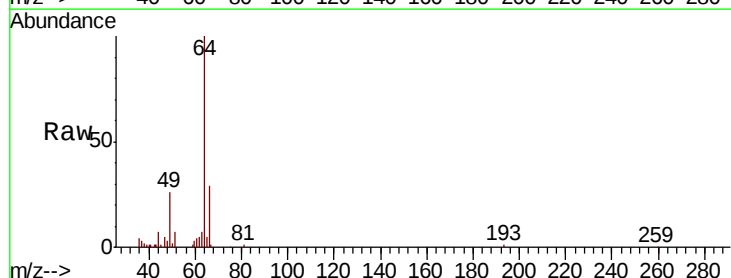
Acq: 29 Oct 2019 11:38

Tgt Ion: 64 Resp: 34789

Ion Ratio Lower Upper

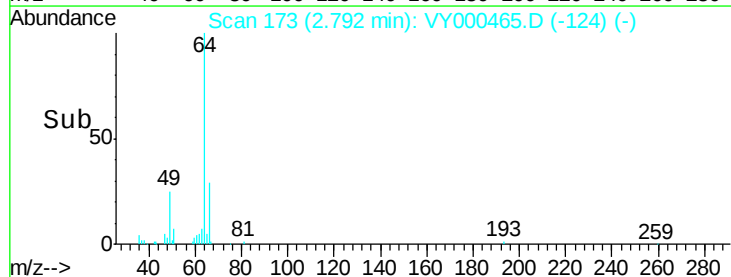
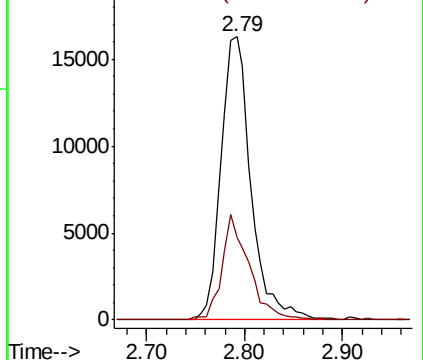
64 100

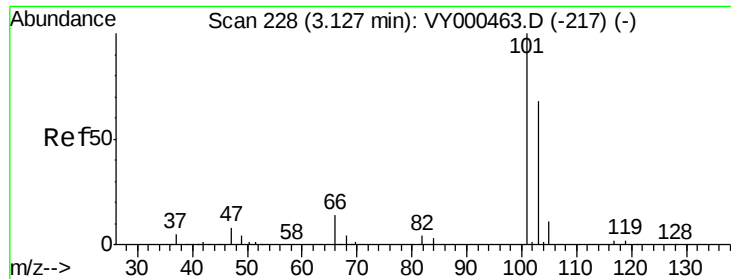
66 29.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

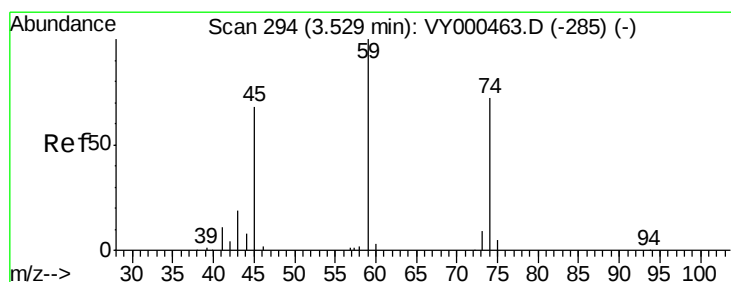
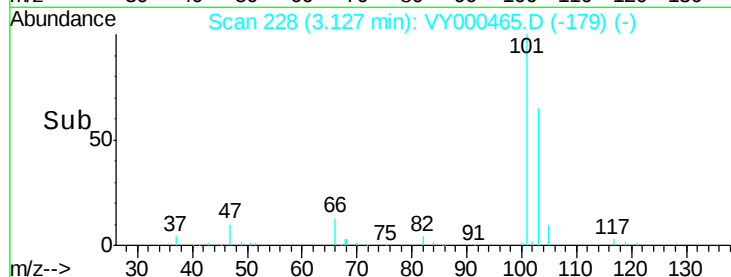
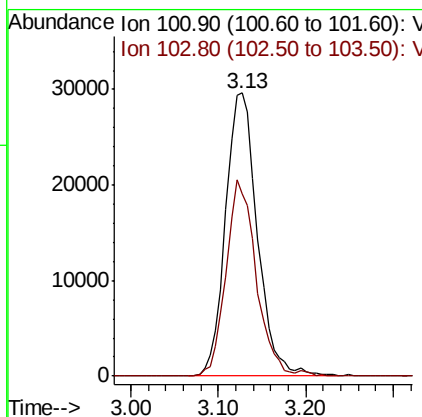
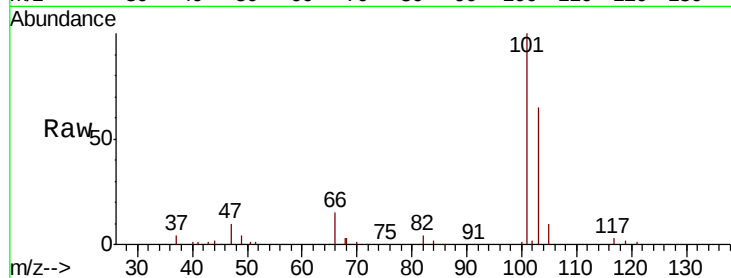
Trichlorofluoromethane
Concen: 21.503 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
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ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.4

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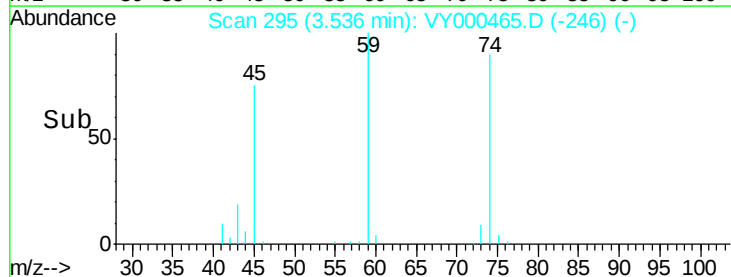
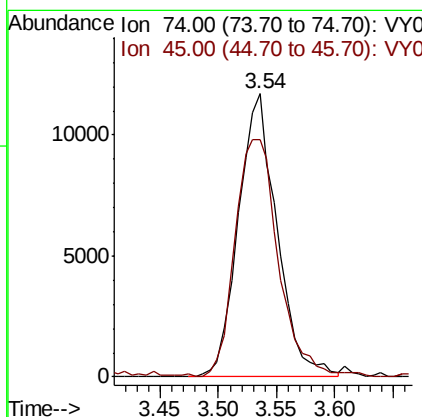
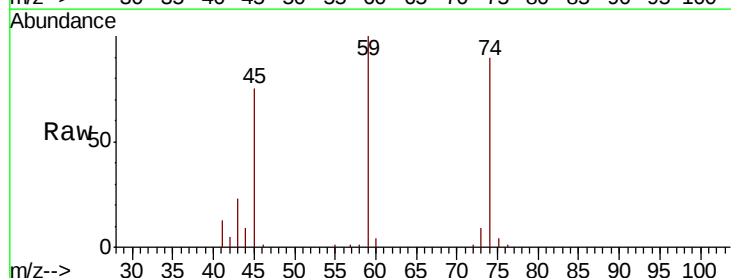
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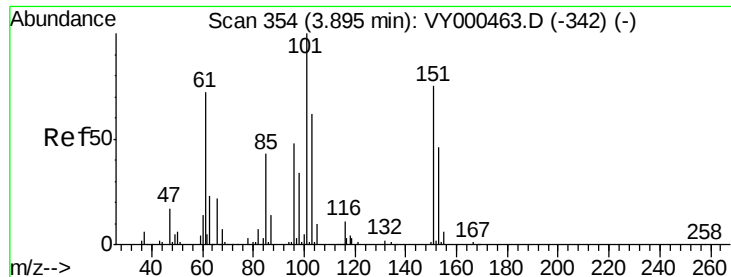


#8

Diethyl Ether
Concen: 21.967 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000465.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.183 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

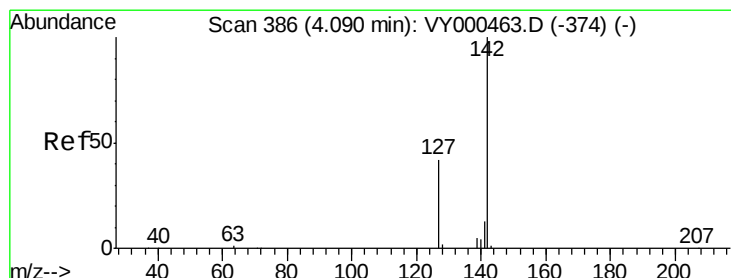
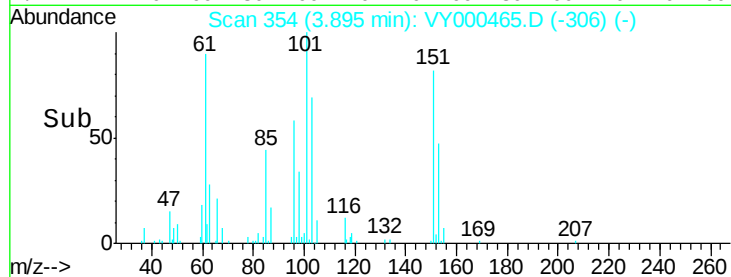
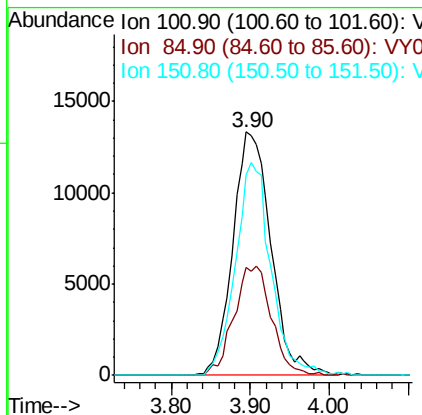
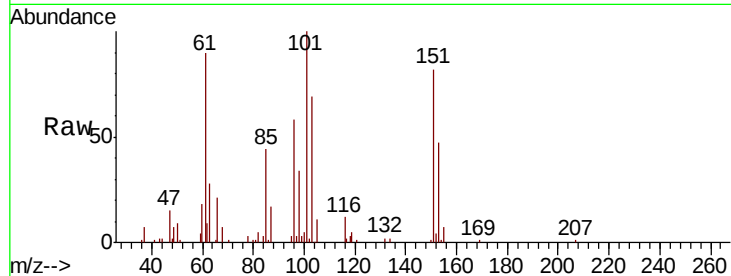
ClientSampleId :

VY1029SBS01

Tot Ion:	101	Resp:	44800
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.6	55.0
151	81.2	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 17.081 ug/l

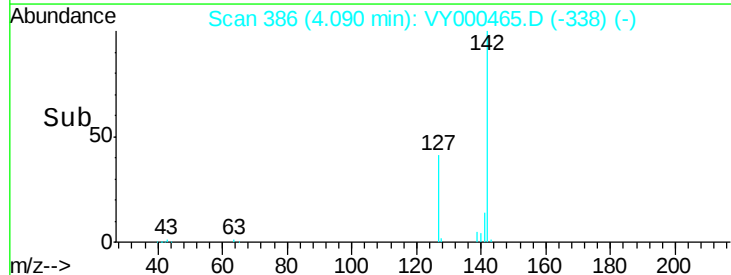
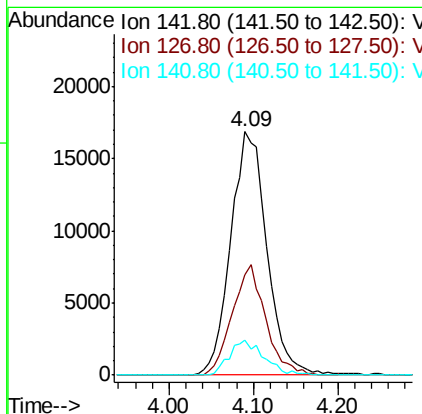
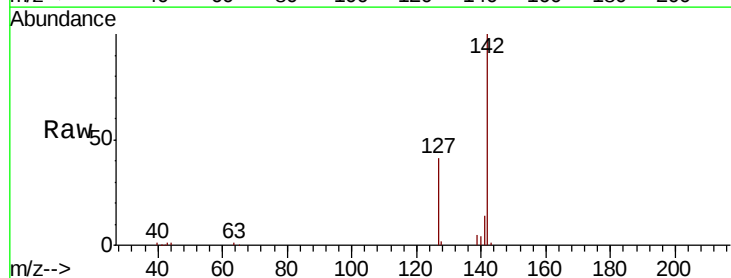
RT: 4.09 min Scan# 386

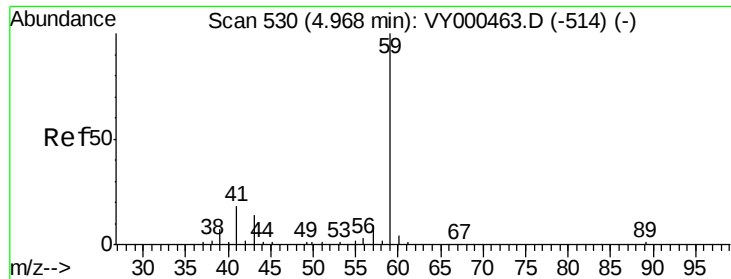
Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	142	Resp:	49046
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.9	50.9
141	13.9	11.2	16.8





#11

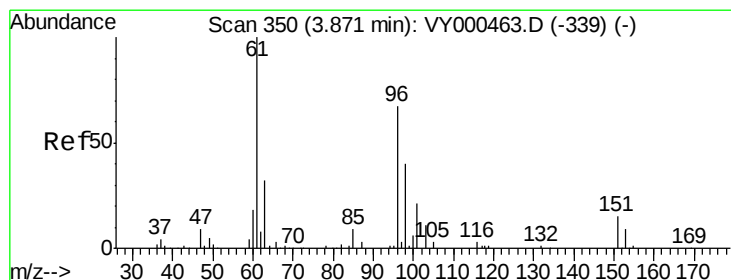
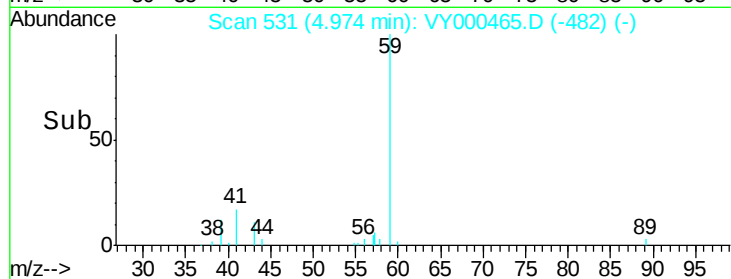
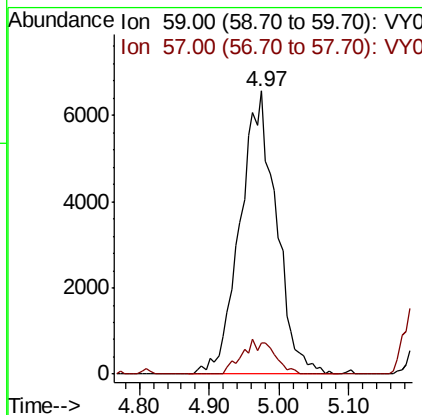
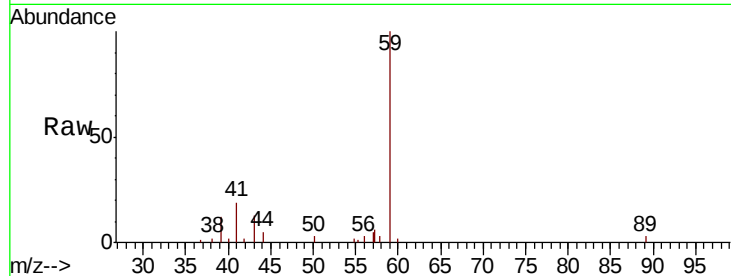
Tert butyl alcohol
 Concen: 103.774 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.2	12.2#

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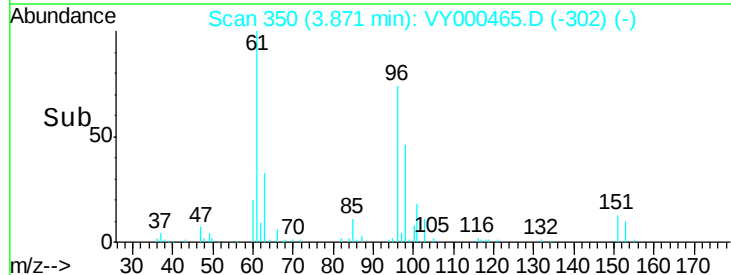
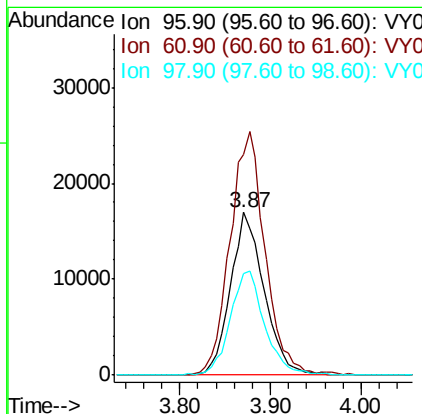
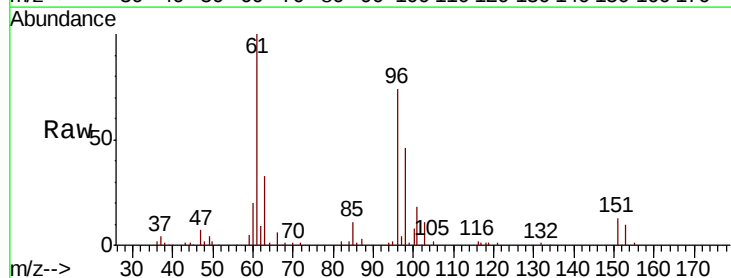
MMDadoda
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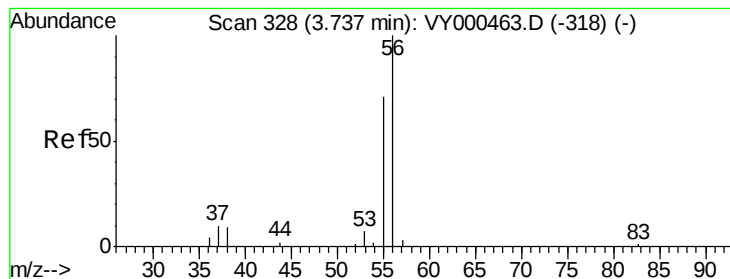


#12

1,1-Dichloroethene
 Concen: 20.887 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.7	125.8	188.6
98	62.0	46.2	69.2





#13

Acrolein

Concen: 68.585 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 56 Resp: 18350

Ion Ratio Lower Upper

56 100

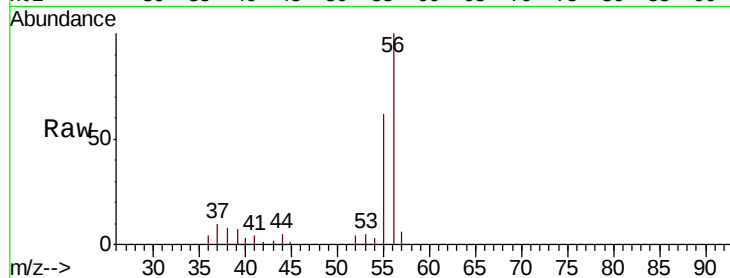
55 69.6 55.7 83.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

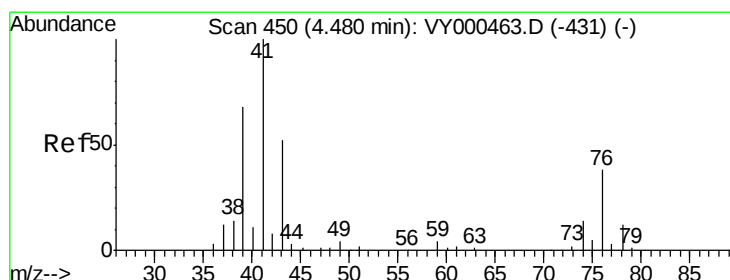
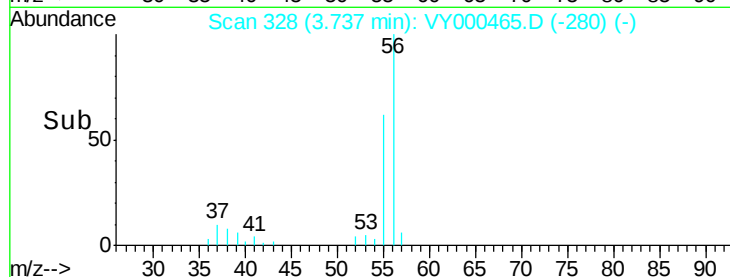
Ion 55.00 (54.70 to 55.70): VY0

3.74

3.70

3.80

Time-->



#14

Allyl chloride

Concen: 20.595 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

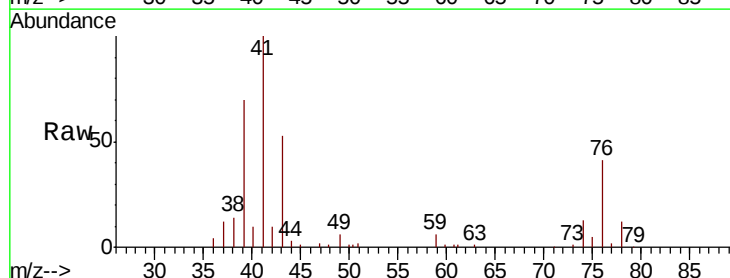
Tgt Ion: 41 Resp: 71259

Ion Ratio Lower Upper

41 100

39 71.4 54.0 81.0

76 38.9 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

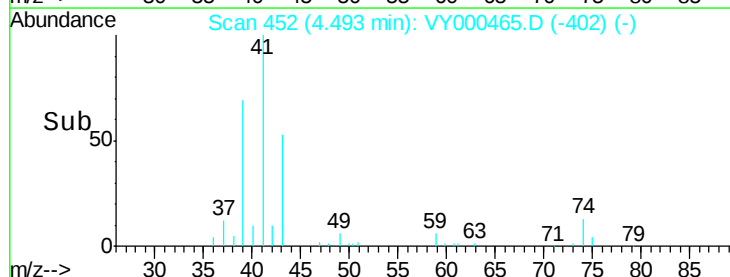
4.30

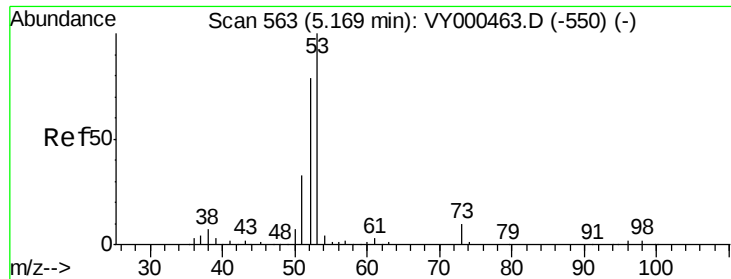
4.40

4.50

4.60

Time-->





#15

Acrylonitrile

Concen: 103.742 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

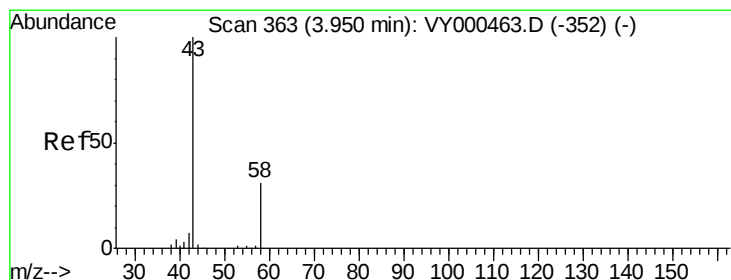
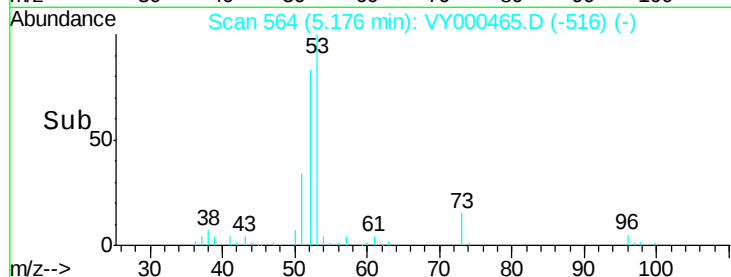
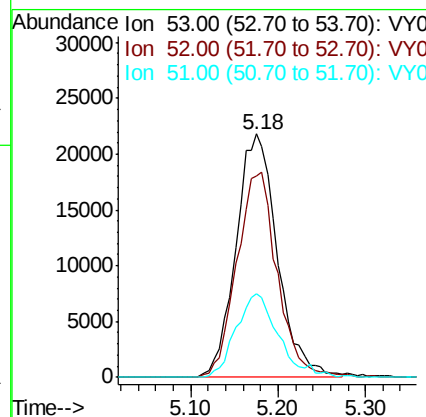
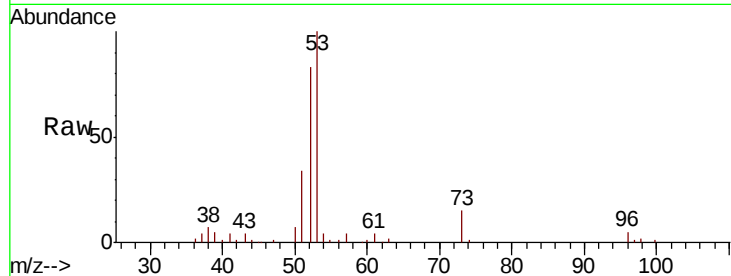
ClientSampleId :

VY1029SBS01

Tot Ion:	53	Resp:	71536
Ion	Ratio	Lower	Upper
53	100		
52	82.4	62.9	94.3
51	35.1	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 97.600 ug/l

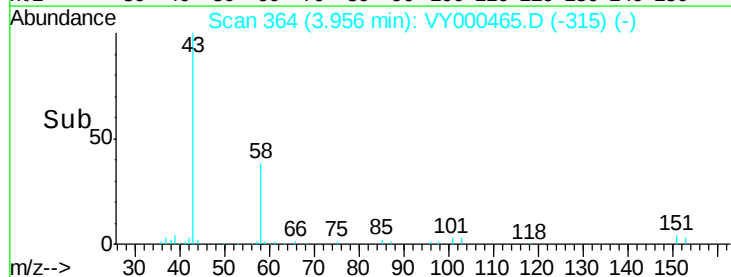
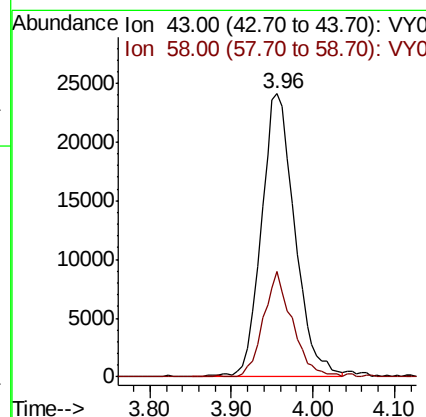
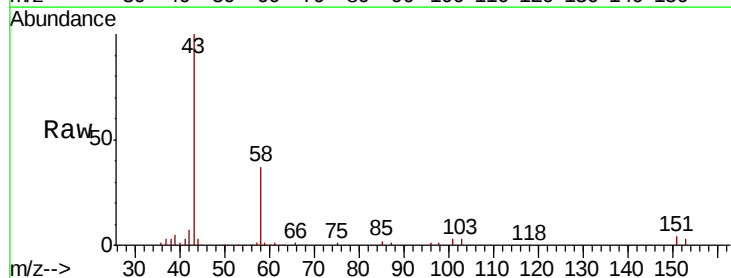
RT: 3.96 min Scan# 364

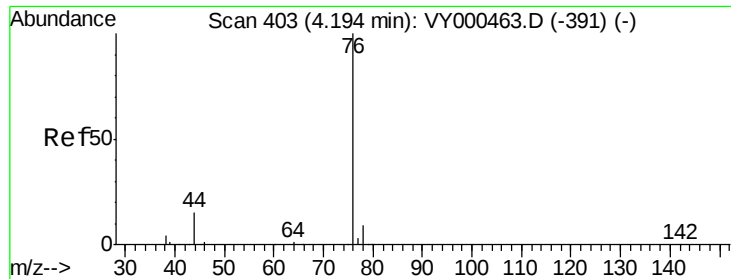
Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	43	Resp:	68924
Ion	Ratio	Lower	Upper
43	100		
58	37.2	25.8	38.6





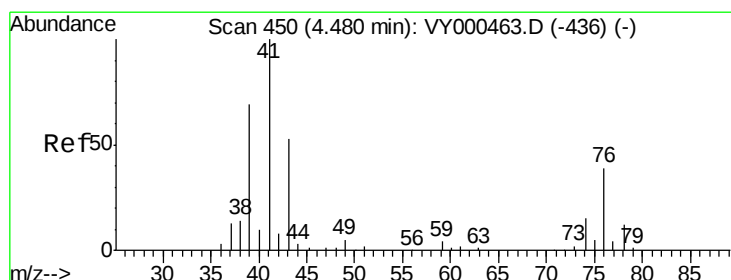
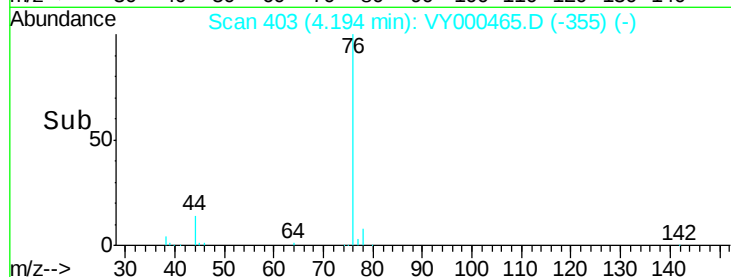
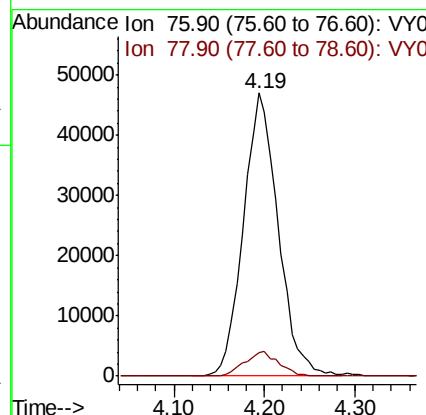
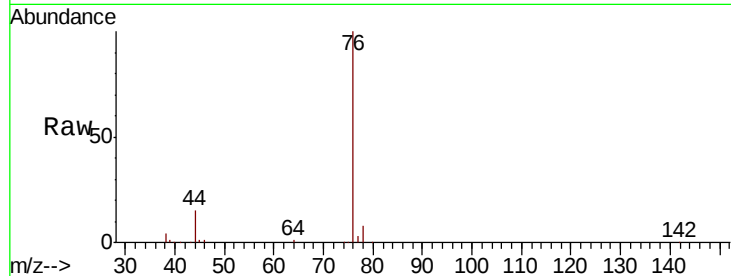
#17
Carbon Disulfide
Concen: 18.964 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.4

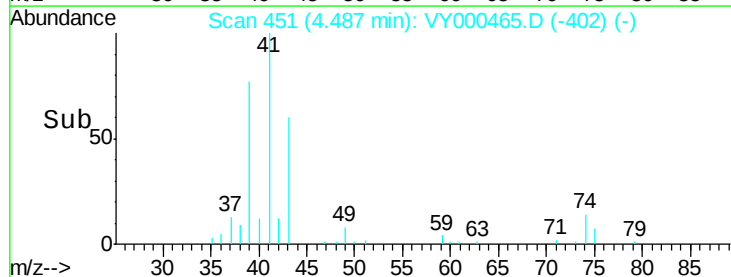
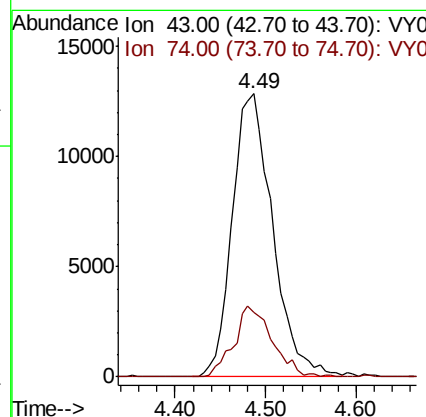
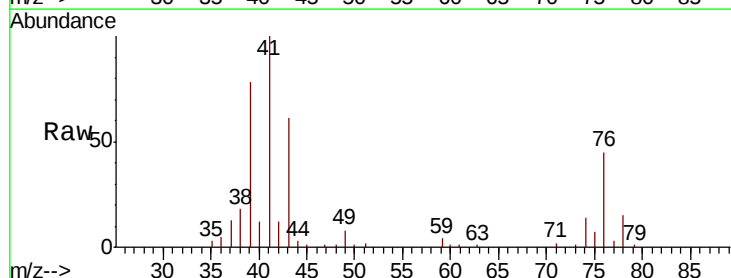
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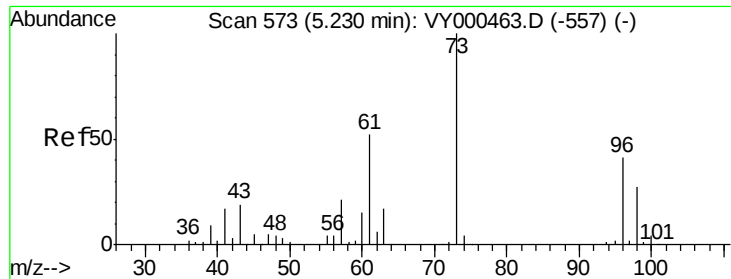
MMDadoda
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#18
Methyl Acetate
Concen: 22.642 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	20.4	30.6





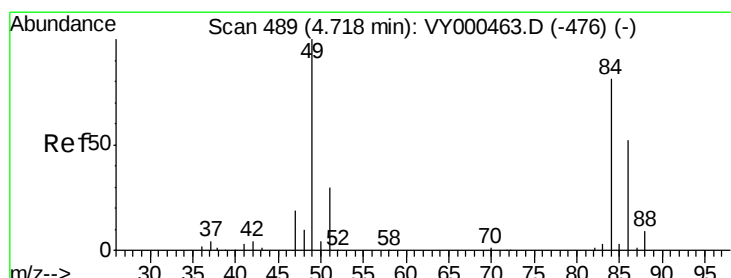
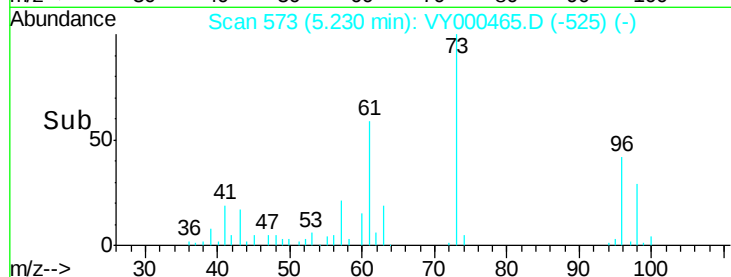
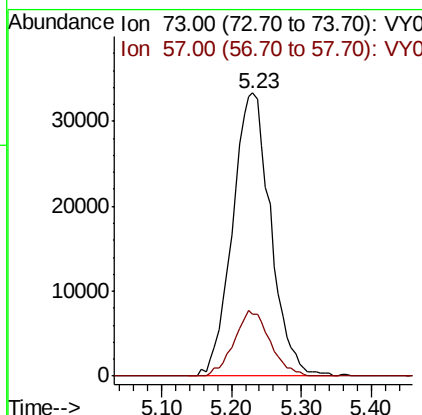
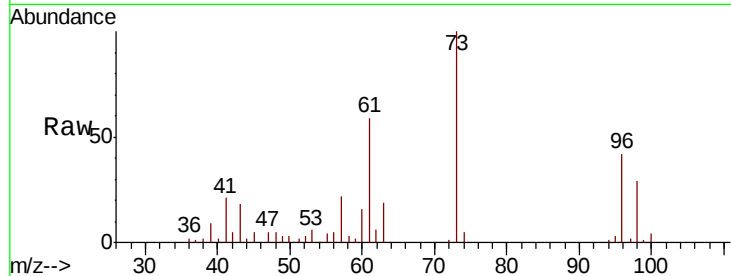
#19
Methvl tert-butvl Ether
Concen: 21.675 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion: 73 Resp: 125983
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

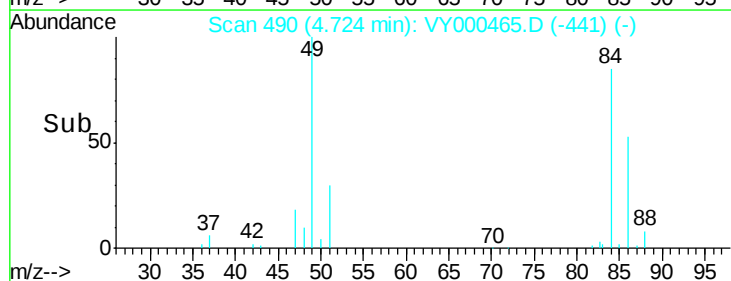
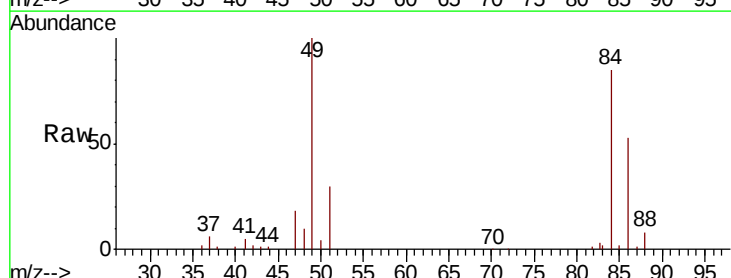
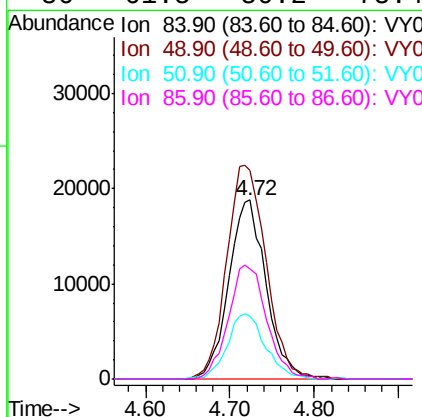
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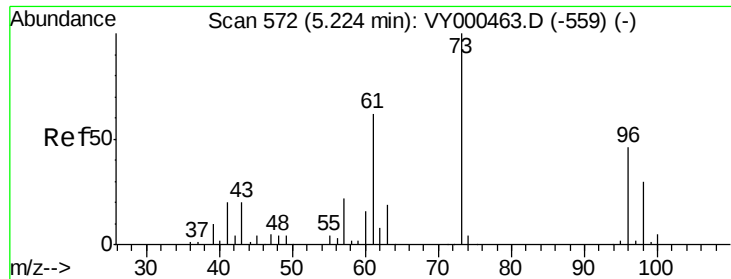
MMDadoda
10/30/2019 10:59:48 AM



#20
Methylene Chloride
Concen: 20.361 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion: 84 Resp: 56114
Ion Ratio Lower Upper
84 100
49 117.0 99.0 148.4
51 34.8 29.3 43.9
86 61.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.826 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

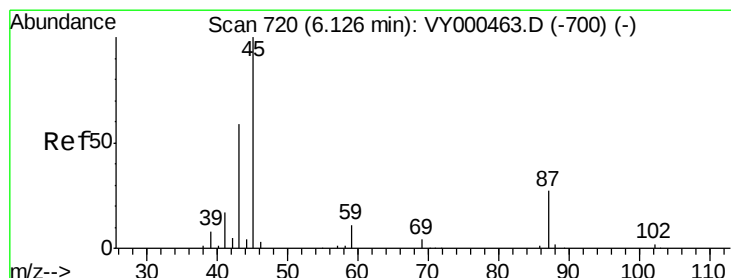
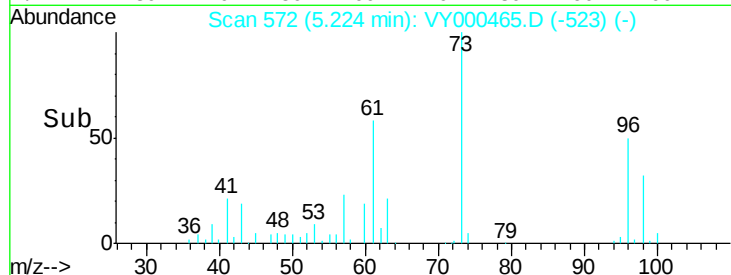
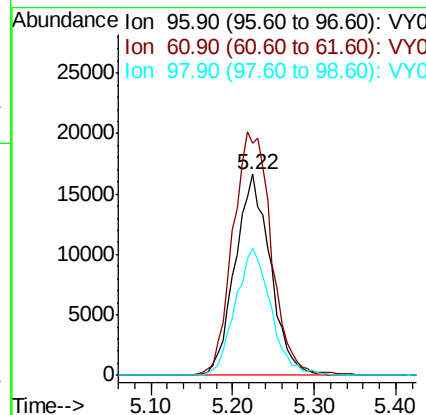
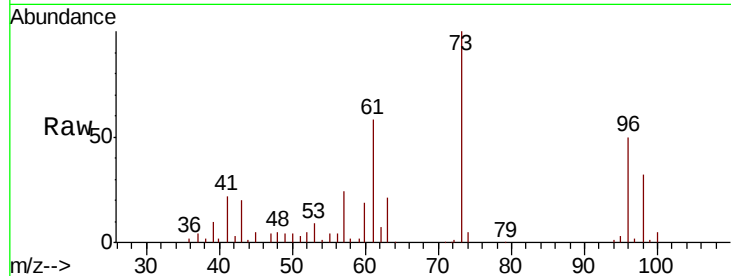
ClientSampleId :

VY1029SBS01

Tot Ion:	96	Resp:	49887
Ion	Ratio	Lower	Upper
96	100		
61	115.4	100.4	150.6
98	63.5	44.6	66.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.166 ug/l

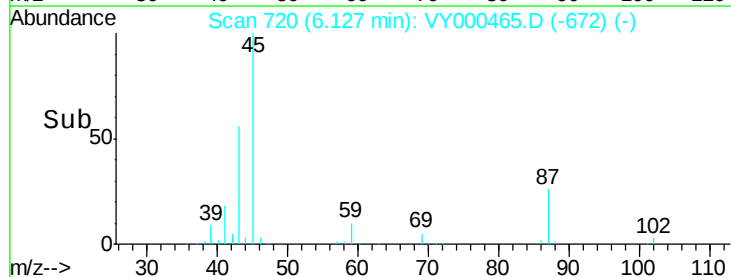
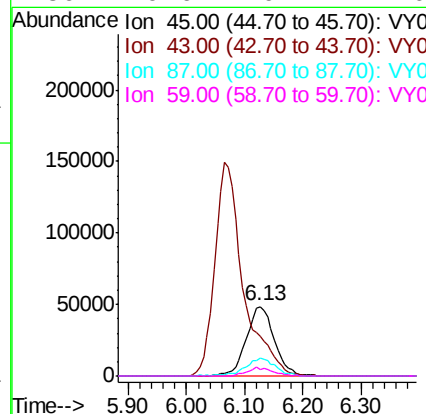
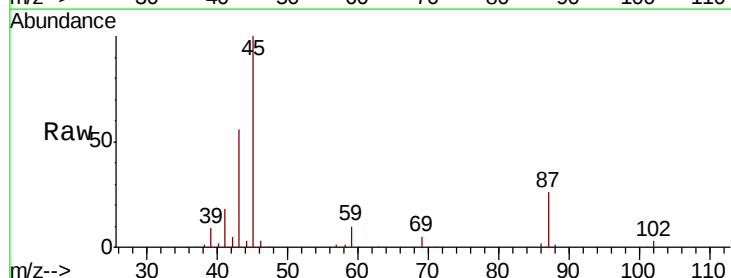
RT: 6.13 min Scan# 720

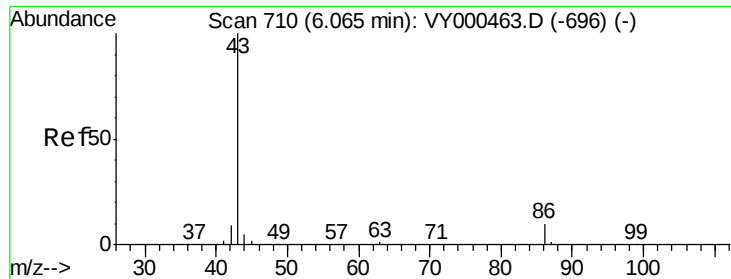
Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	45	Resp:	162208
Ion	Ratio	Lower	Upper
45	100		
43	55.9	48.5	72.7
87	26.1	21.5	32.3
59	9.6	9.4	14.0





#23

Vinyl Acetate

Concen: 105.271 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 43 Resp: 502585

Ion Ratio Lower Upper

43 100

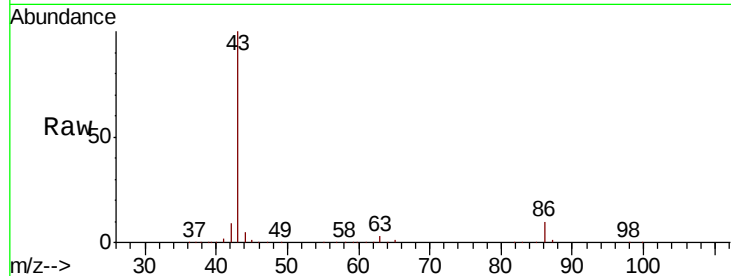
86 10.3 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

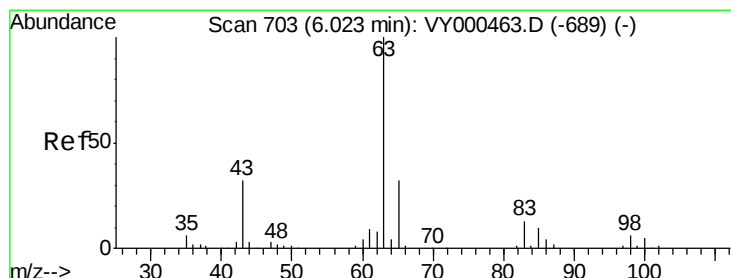
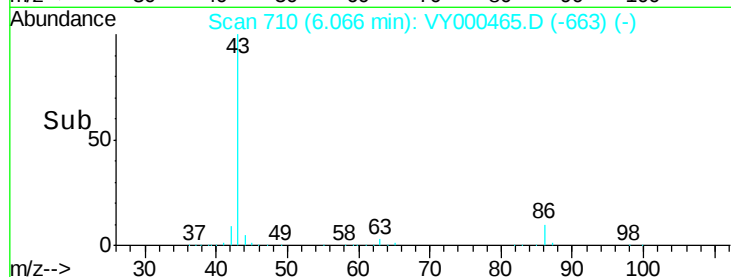
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.093 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

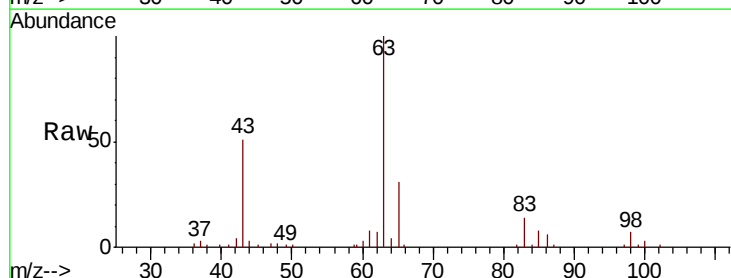
Tgt Ion: 63 Resp: 84255

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

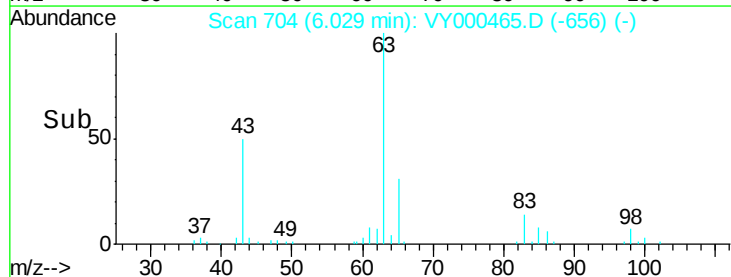
30000

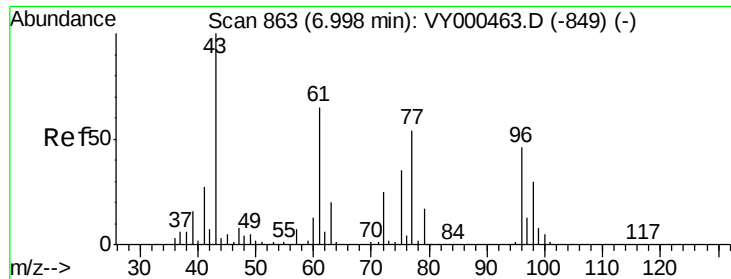
20000

10000

0

Time-->





#25

2-Butanone

Concen: 109.310 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 43 Resp: 108741

Ion Ratio Lower Upper

43 100

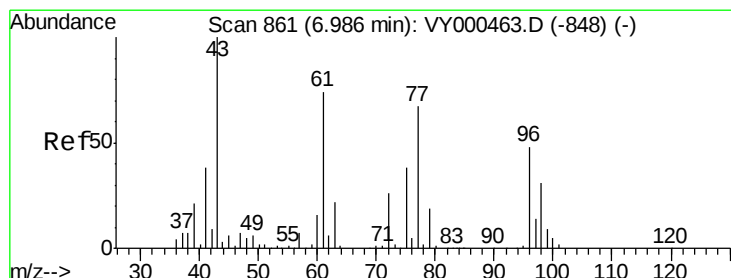
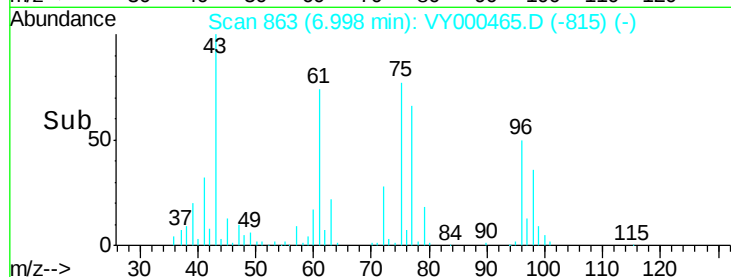
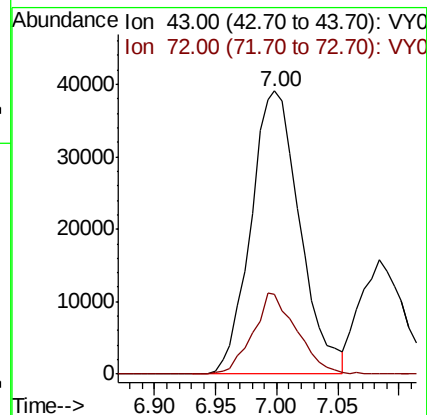
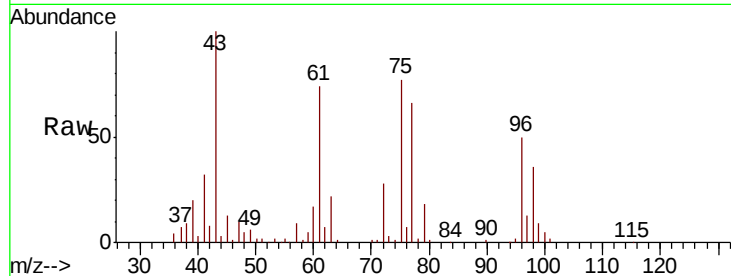
72 28.2 21.4 32.2

Manual Integrations

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MMDadoda

10/30/2019 10:59:48 AM



#26

2,2-Dichloropropane

Concen: 21.841 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000465.D

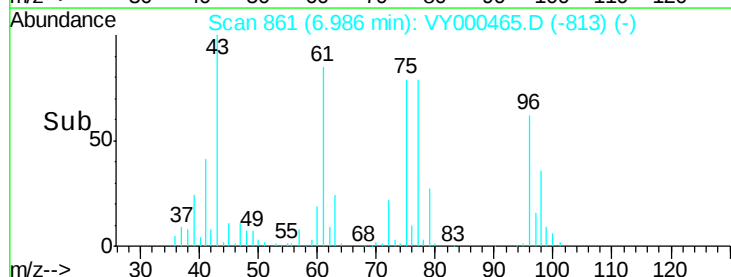
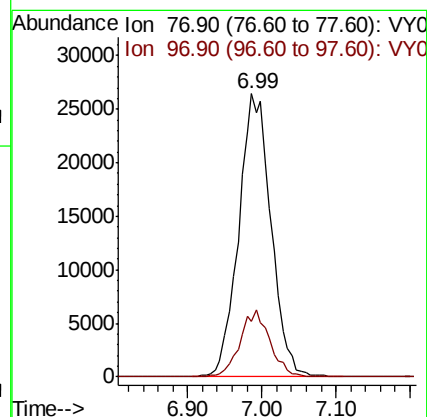
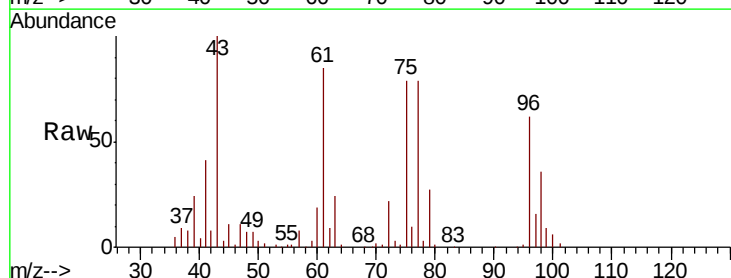
Acq: 29 Oct 2019 11:38

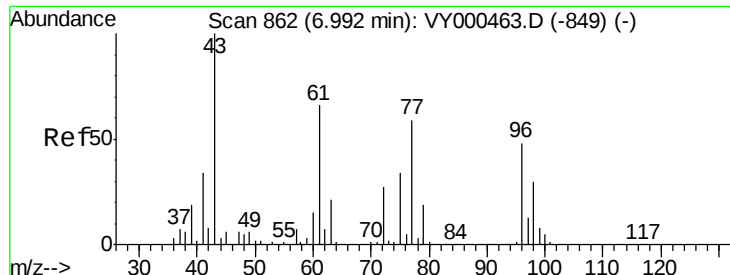
Tgt Ion: 77 Resp: 80391

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.7





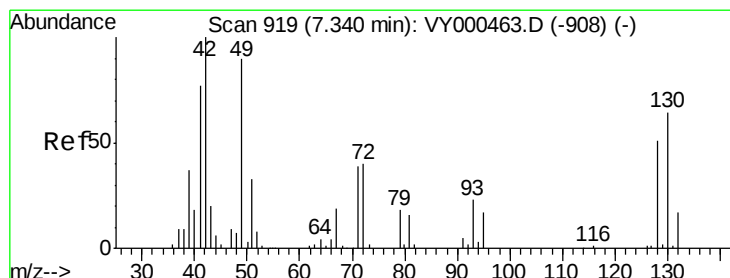
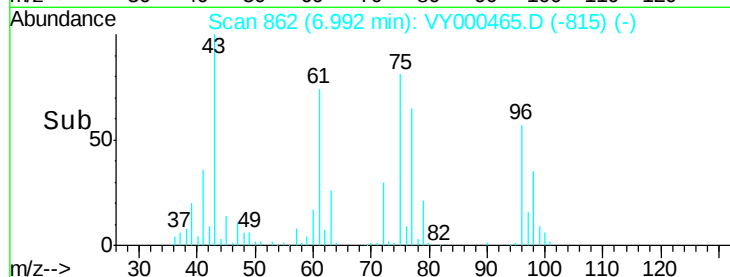
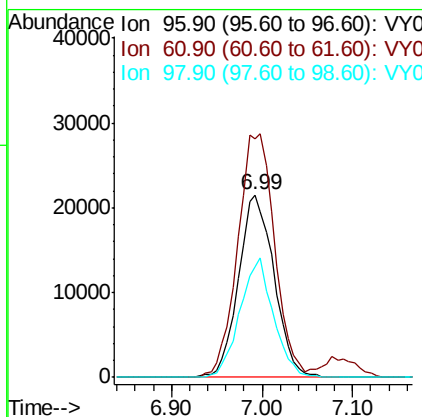
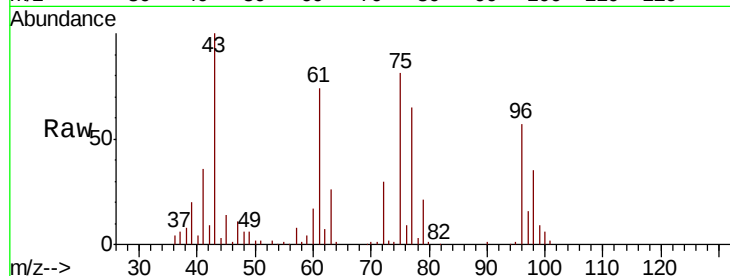
#27
 cis-1,2-Dichloroethene
 Concen: 22.523 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	289.8
98	61.9	0.0	131.8

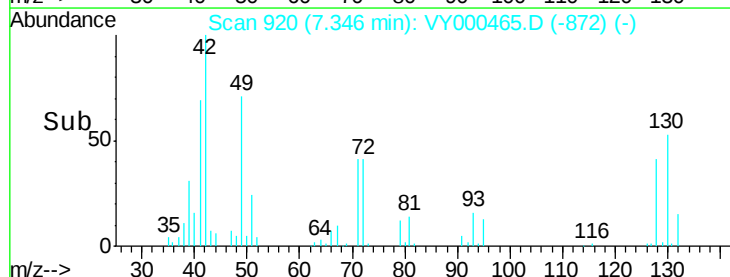
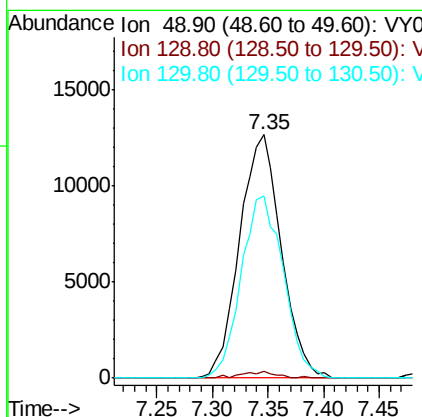
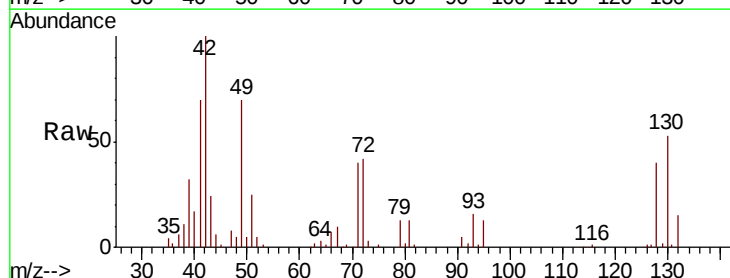
Manual Integrations
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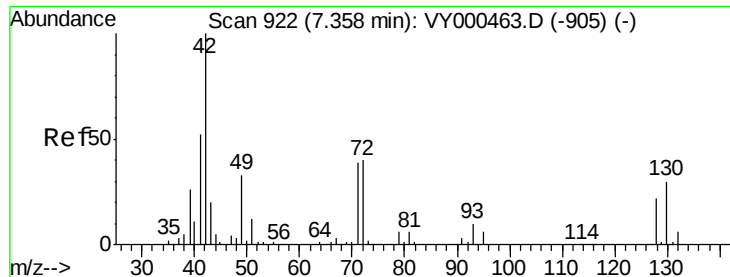
MMDadoda
 10/30/2019 10:59:48 AM



#28
 Bromochloromethane
 Concen: 19.150 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	75.8	58.2	87.2





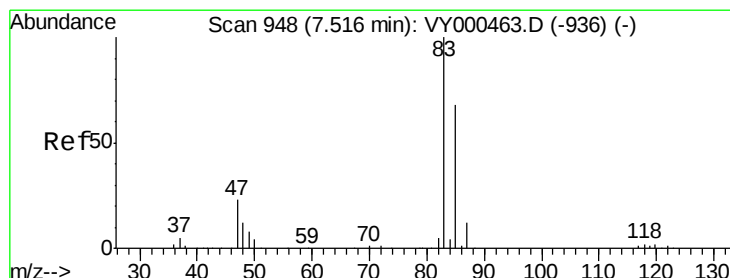
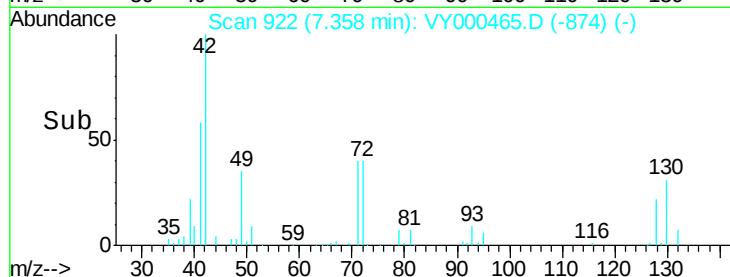
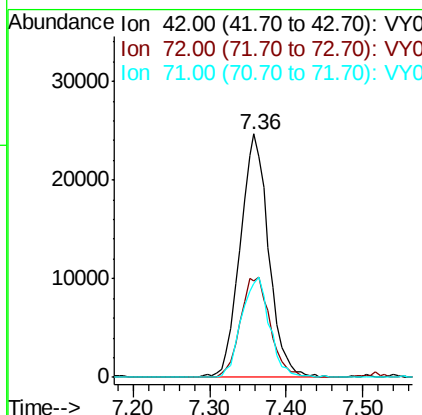
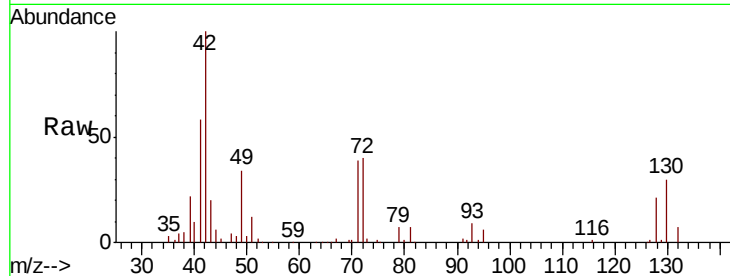
#29
Tetrahydrofuran
Concen: 106.082 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.5	51.7
71	40.4	32.7	49.1

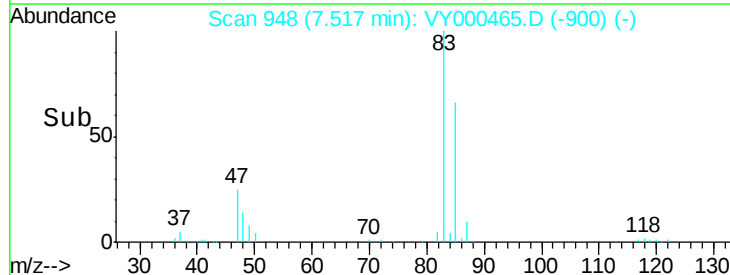
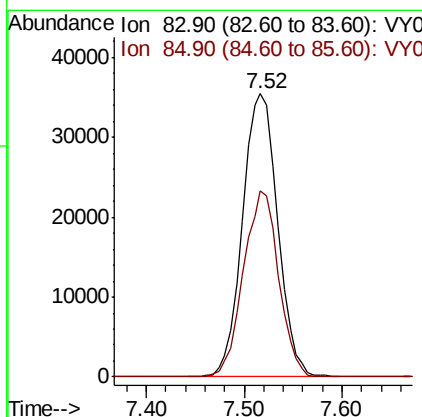
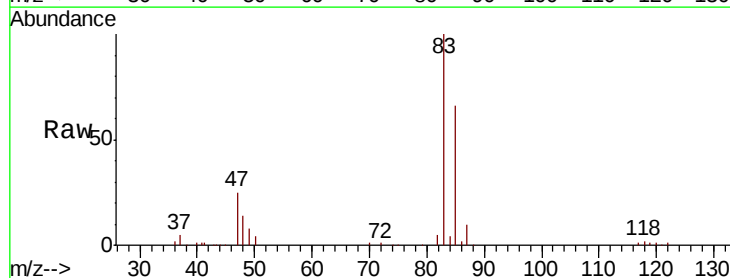
Manual Integrations
APPROVED

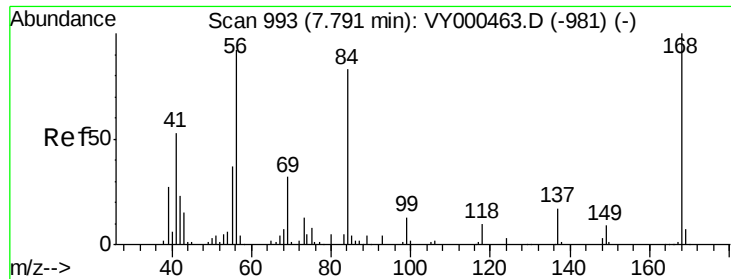
MMDadoda
10/30/2019 10:59:48 AM



#30
Chloroform
Concen: 21.993 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.2





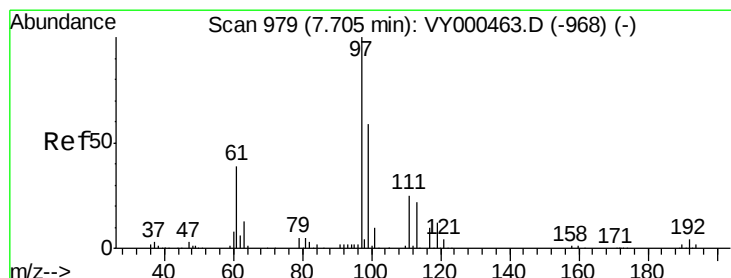
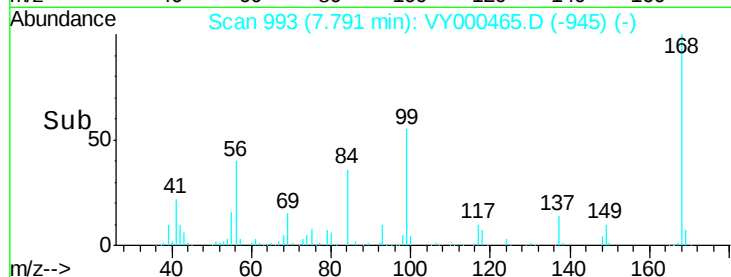
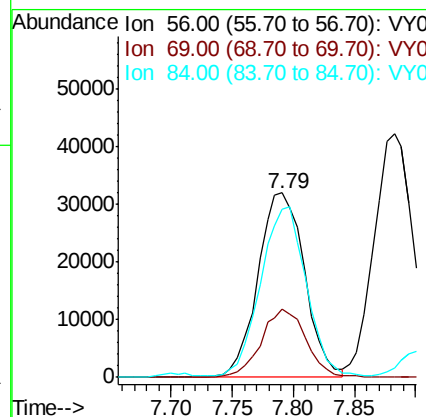
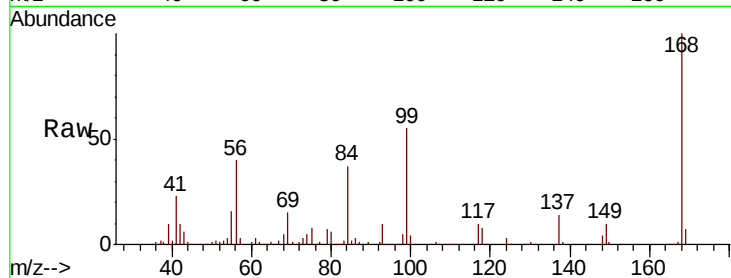
#31
Cyclohexane
Concen: 20.413 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.1	26.3	39.5
84	90.0	70.8	106.2

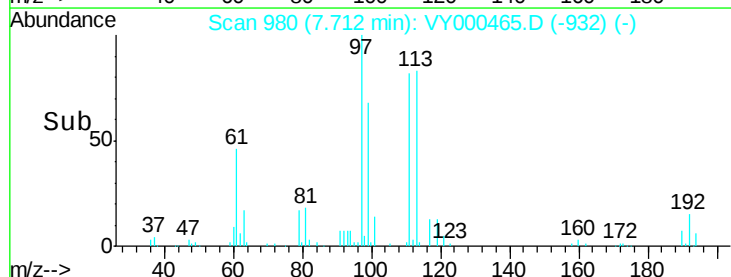
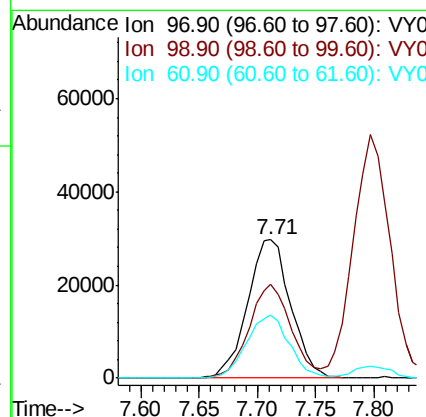
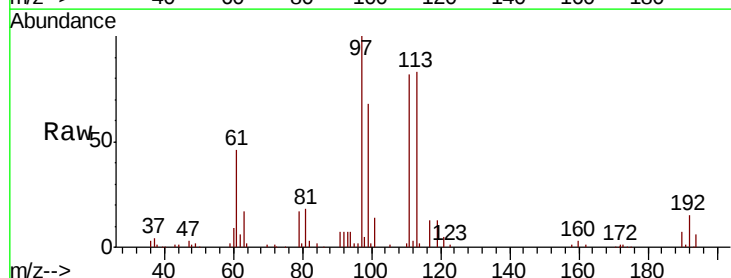
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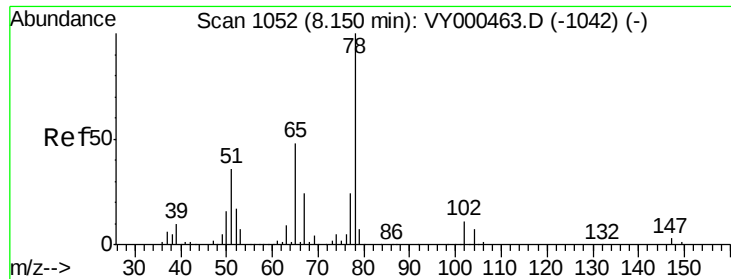
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.318 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.7	77.5
61	45.7	34.5	51.7





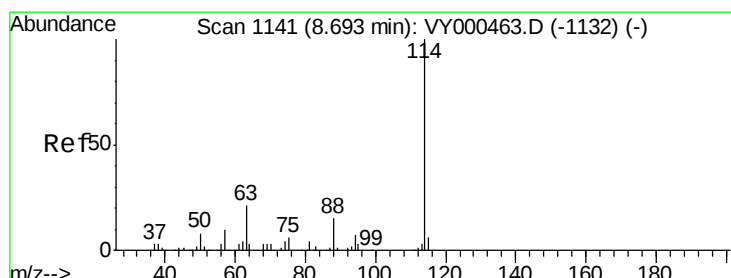
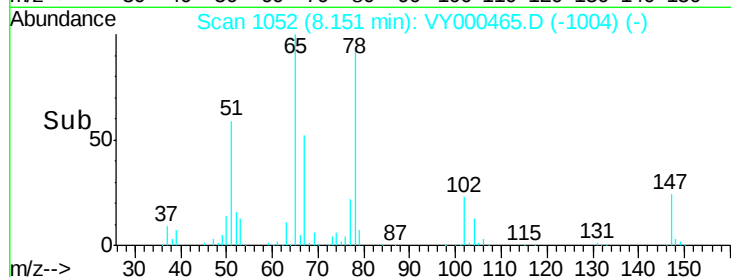
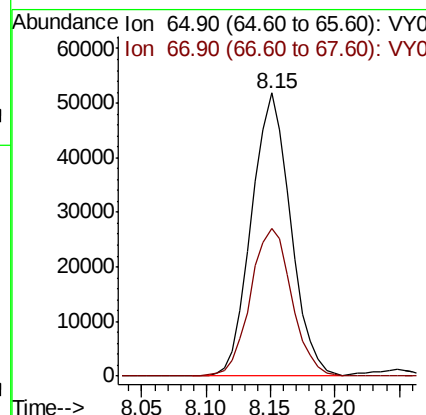
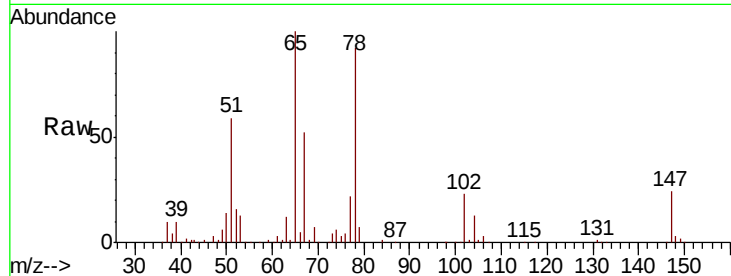
#33
 1,2-Dichloroethane-d4
 Concen: 49.890 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	109.4	

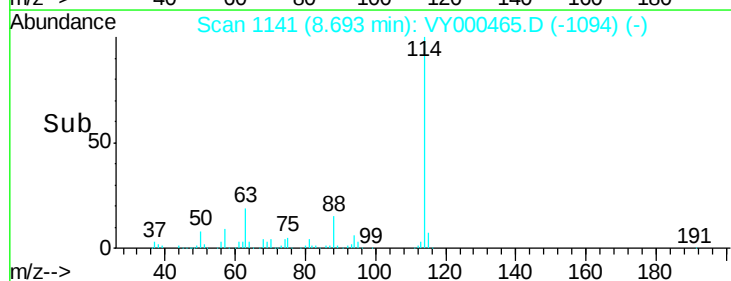
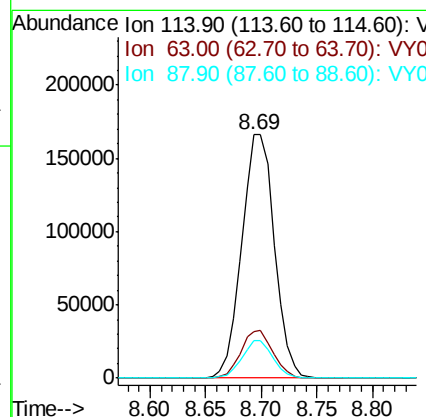
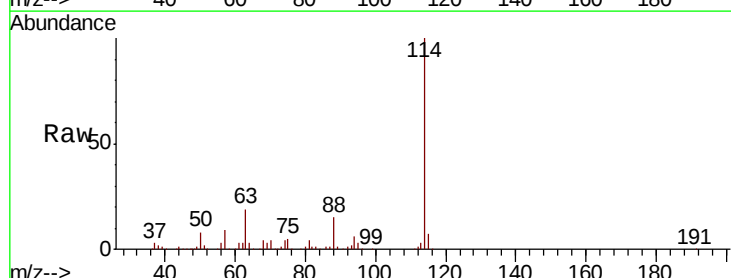
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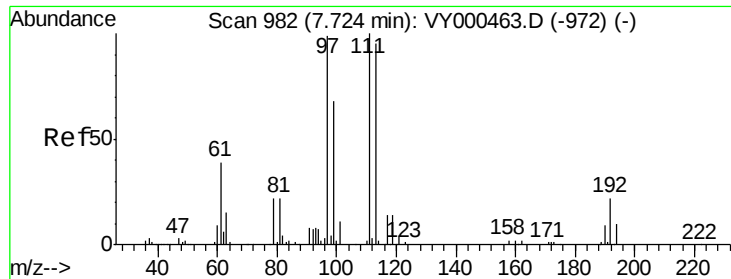
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2	0.0	37.2	
88	15.4	0.0	30.2	





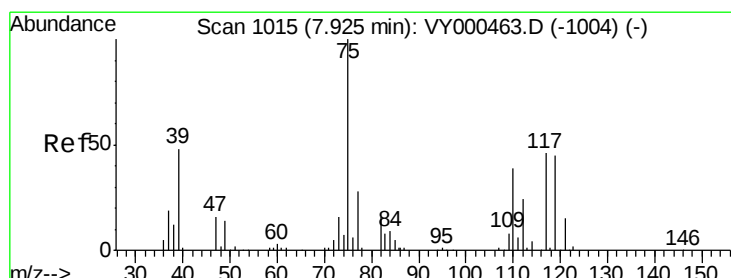
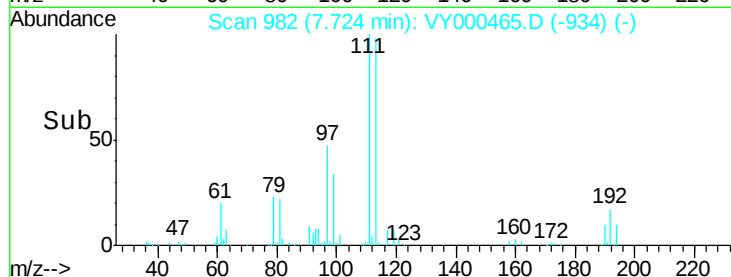
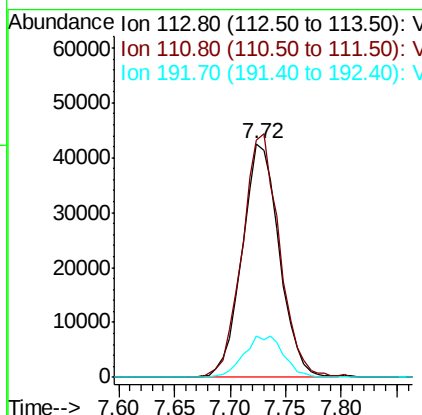
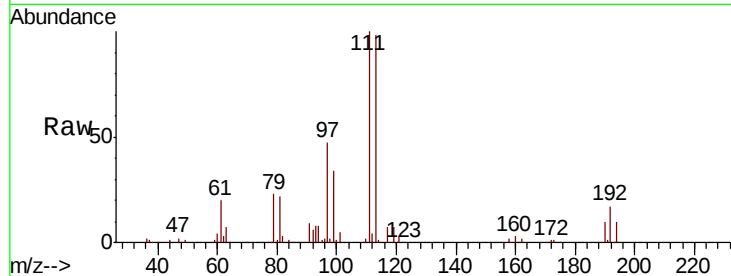
#35
 Dibromofluoromethane
 Concen: 48.469 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.6	122.4
192	18.9	15.3	22.9

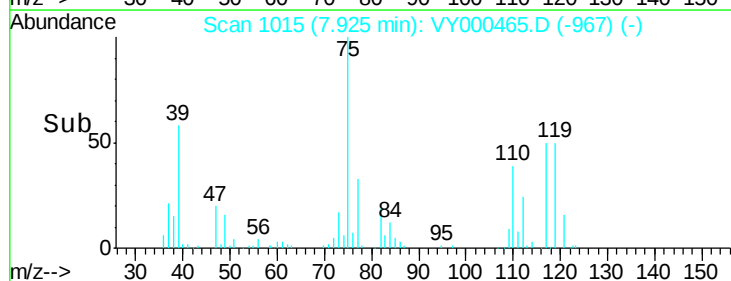
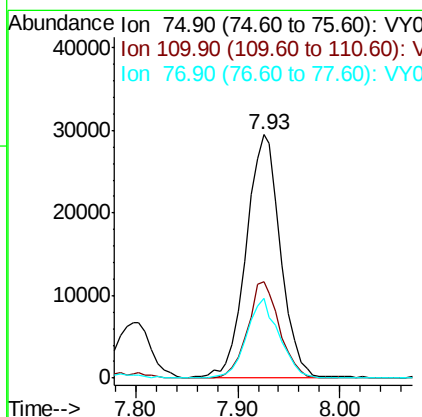
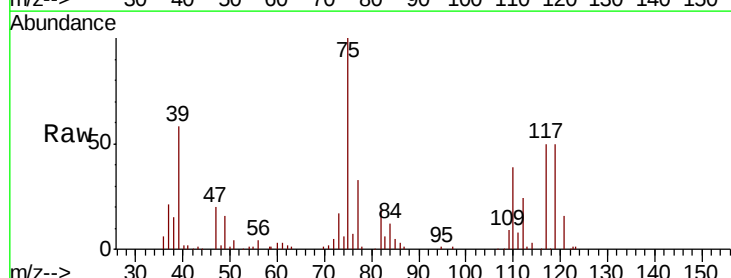
Manual Integrations
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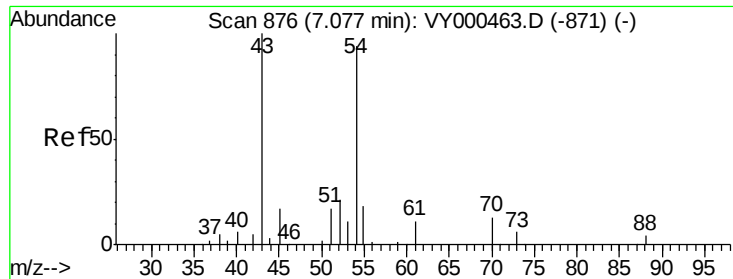
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#36
 1,1-Dichloropropene
 Concen: 20.641 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.4
77	31.4	25.0	37.6





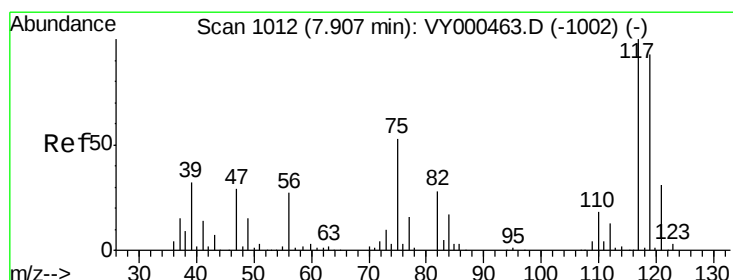
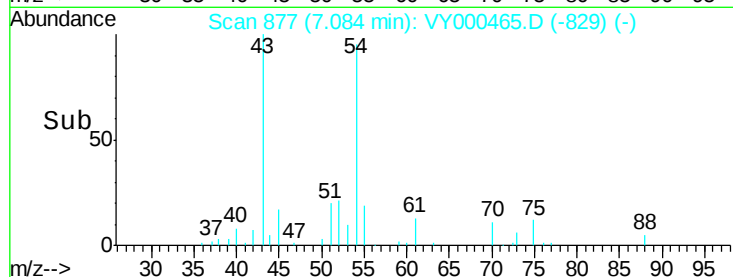
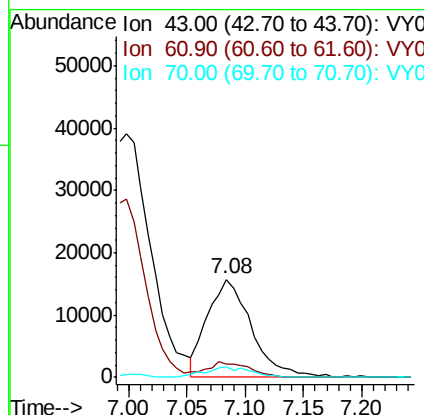
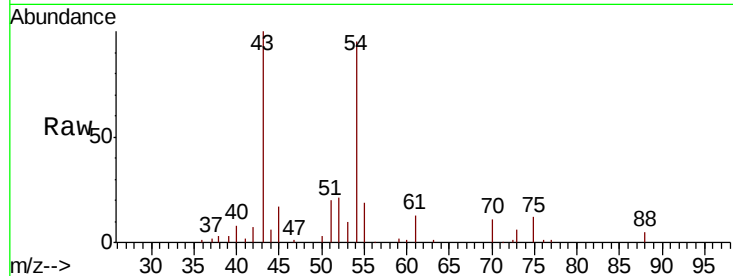
#37
Ethyl Acetate
Concen: 20.773 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.1	18.1
70	10.7	8.7	13.1

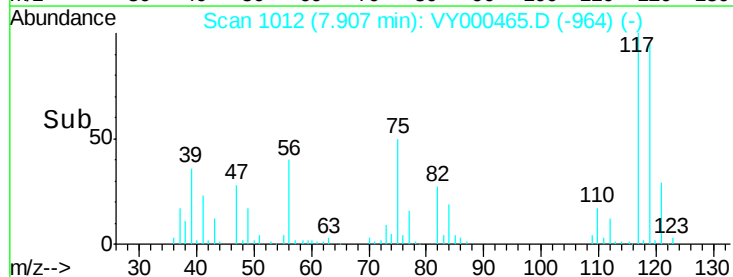
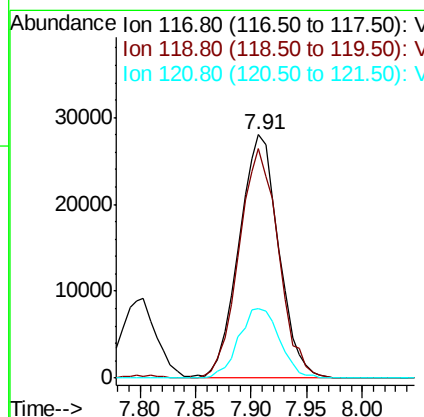
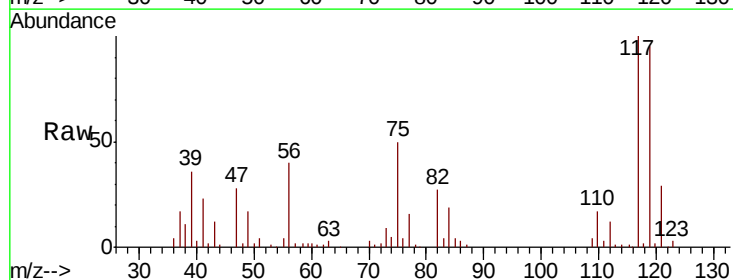
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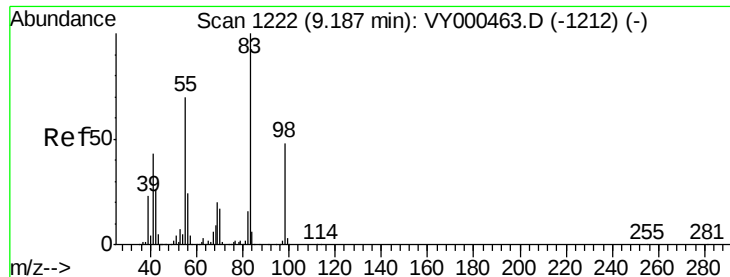
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#38
Carbon Tetrachloride
Concen: 21.664 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	72.8	109.2
121	28.8	22.2	33.2





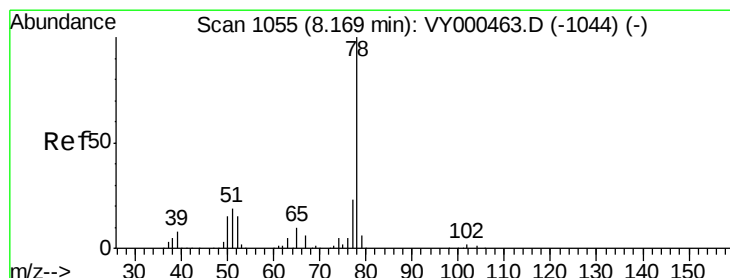
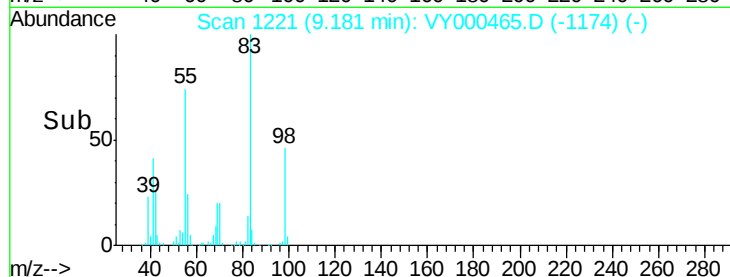
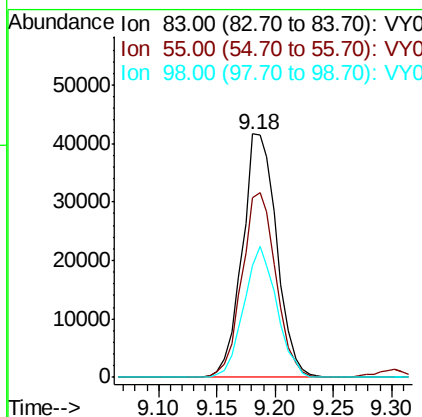
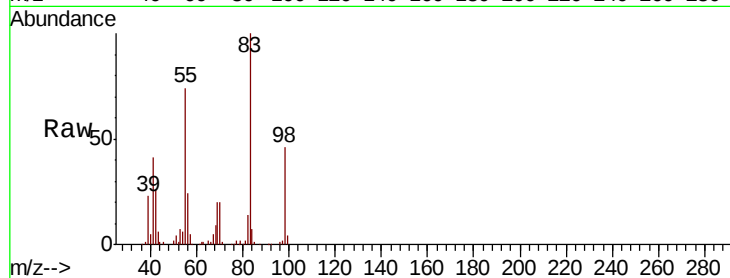
#39
Methvlcvclohexane
Concen: 19.736 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	60.9	91.3
98	45.9	41.8	62.6

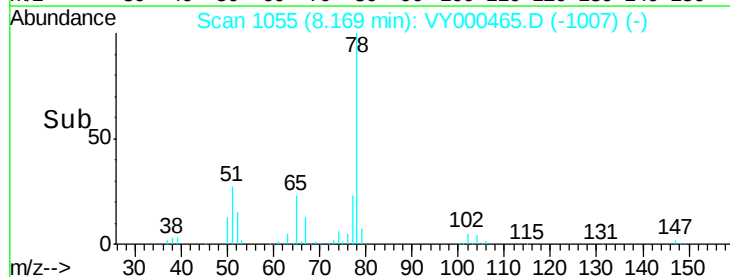
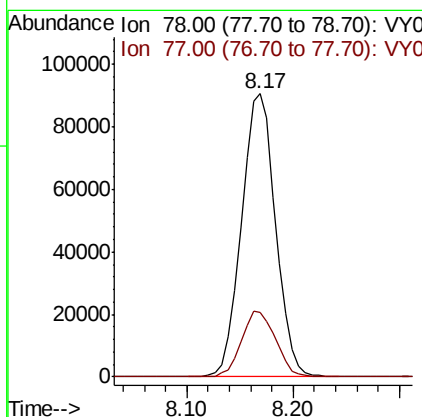
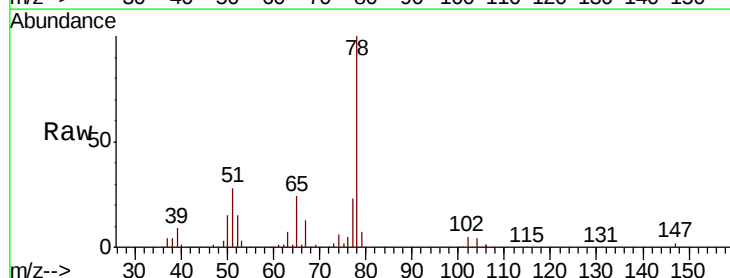
Manual Integrations
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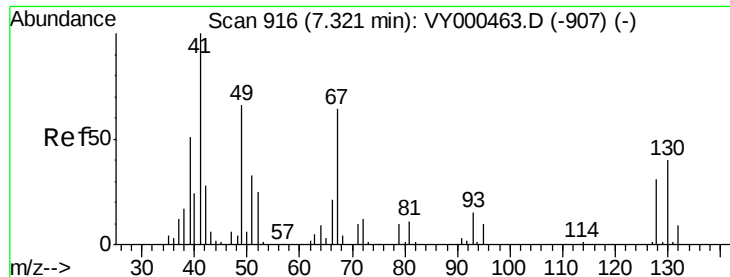
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#40
Benzene
Concen: 21.226 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





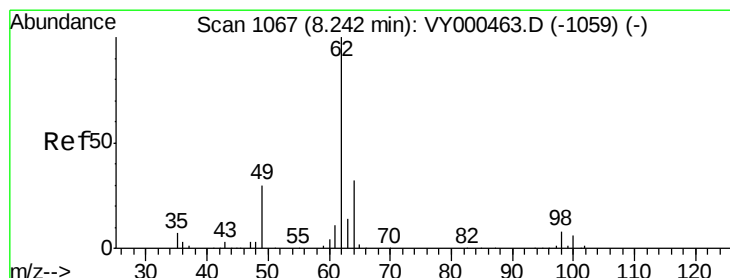
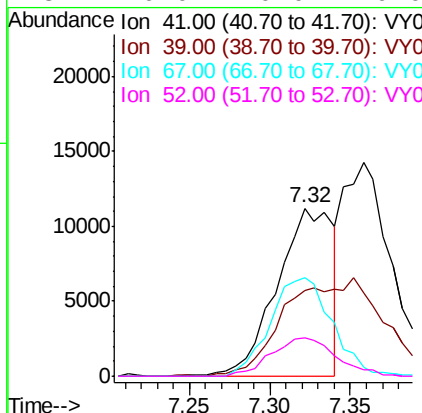
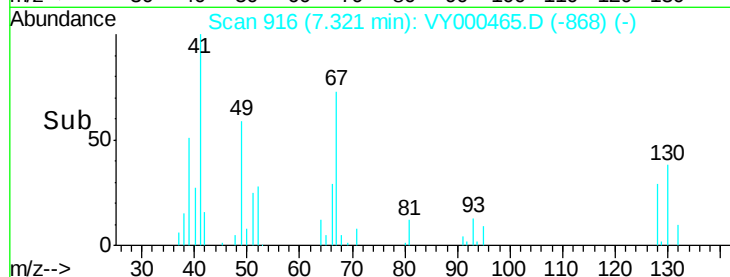
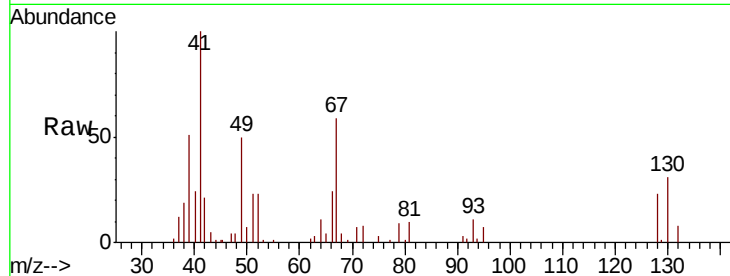
#41
Methacrylonitrile
Concen: 29.090 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

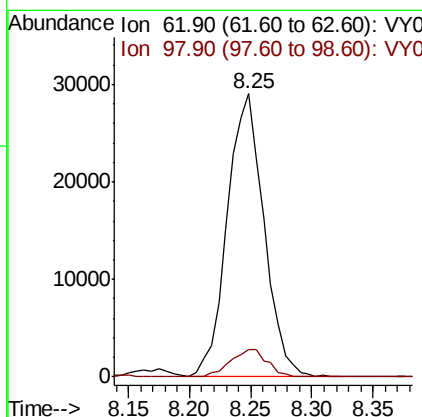
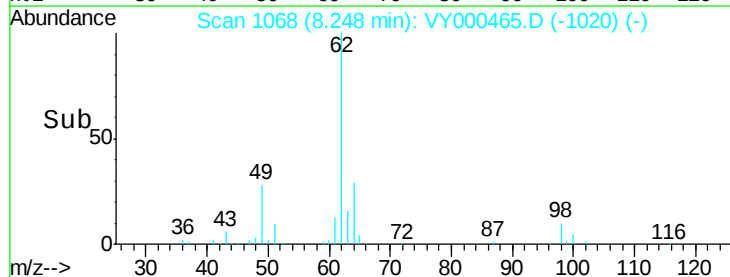
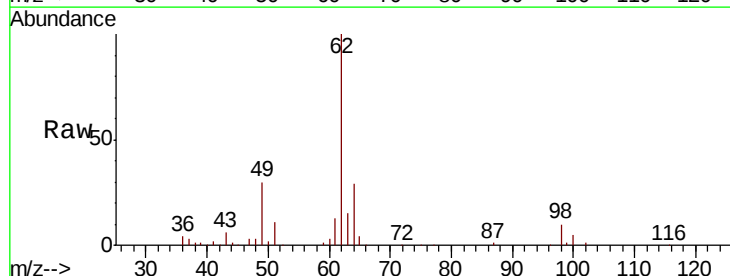
Manual Integrations
APPROVED

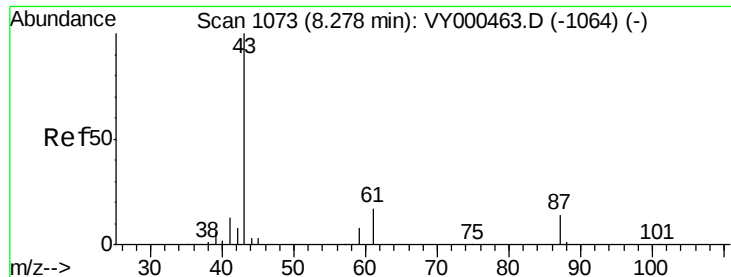
MMDadoda
10/30/2019 10:59:48 AM



#42
1,2-Dichloroethane
Concen: 22.062 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.228 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

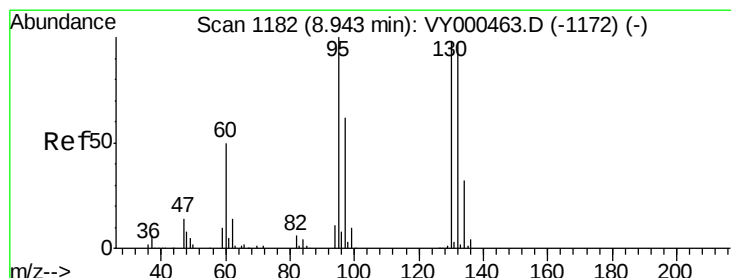
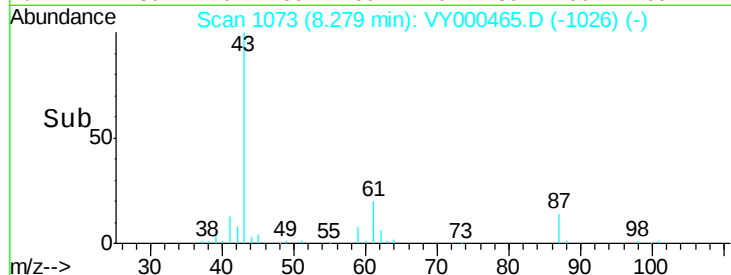
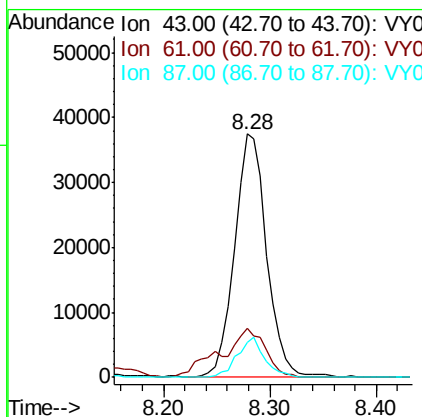
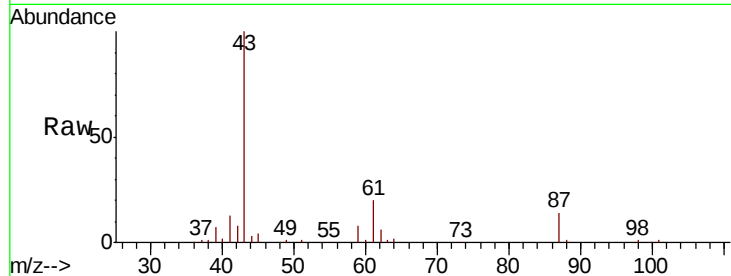
ClientSampleId :

VY1029SBS01

Tot Ion:	43	Resp:	79102
Ion	Ratio	Lower	Upper
43	100		
61	28.0	22.3	33.5
87	14.0	10.9	16.3

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#44

Trichloroethene

Concen: 19.962 ug/l

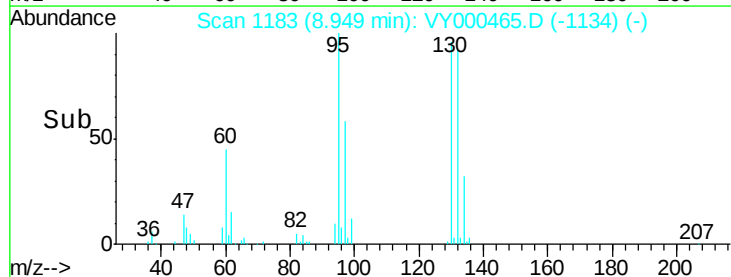
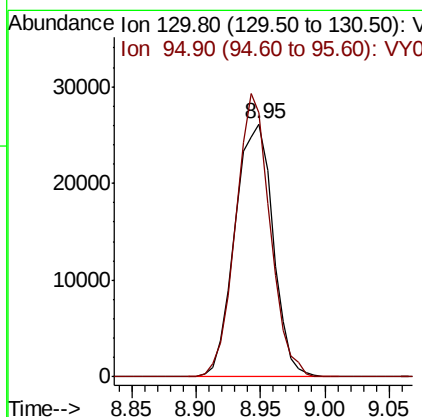
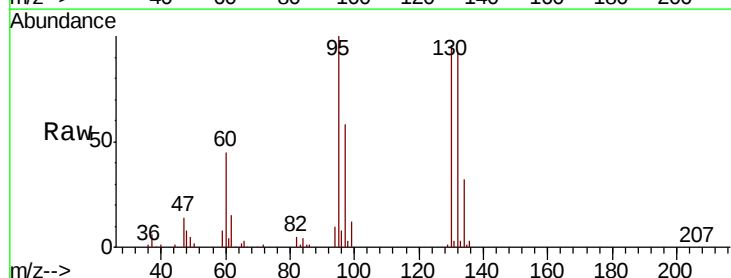
RT: 8.95 min Scan# 1183

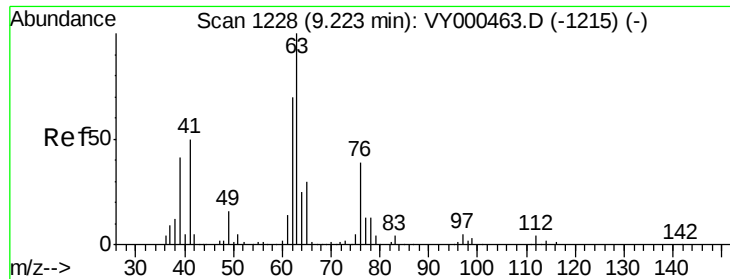
Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	130	Resp:	53572
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	191.4





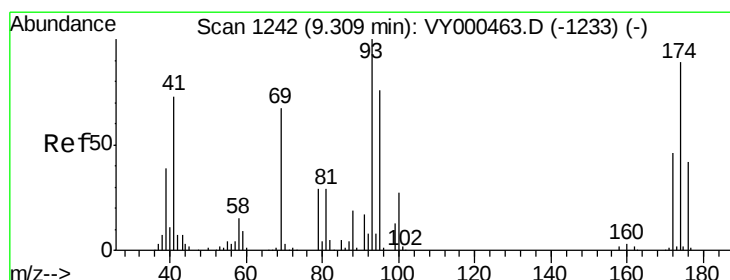
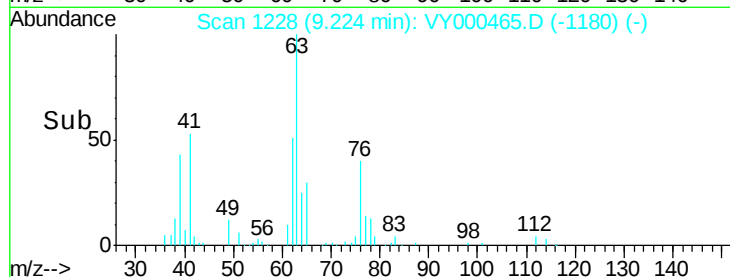
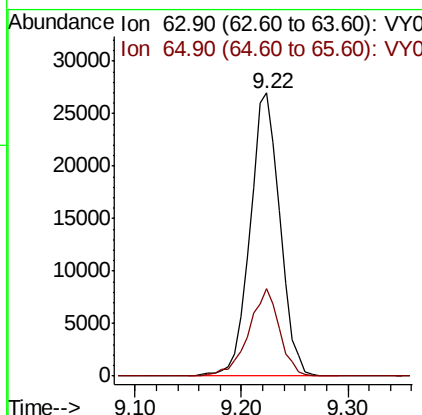
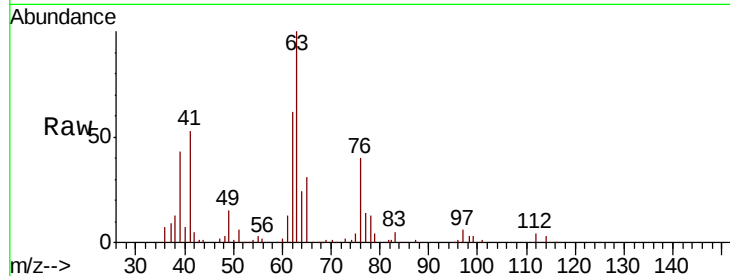
#45
 1,2-Dichloropropane
 Concen: 22.637 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion: 63 Resp: 53134
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.2 34.8

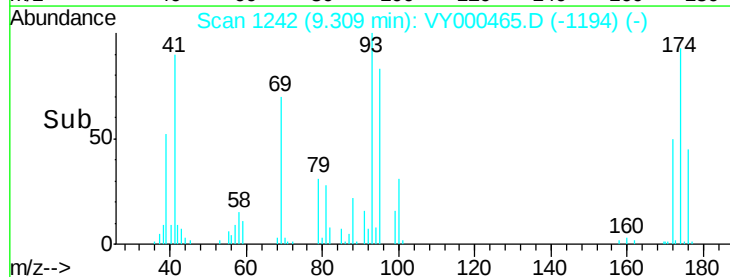
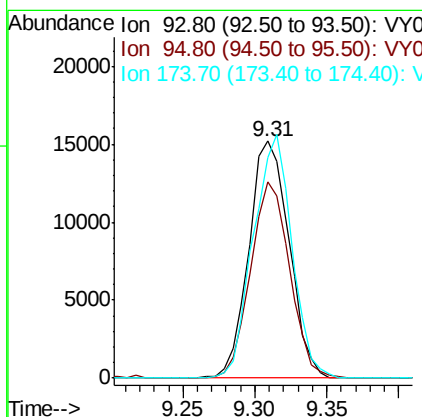
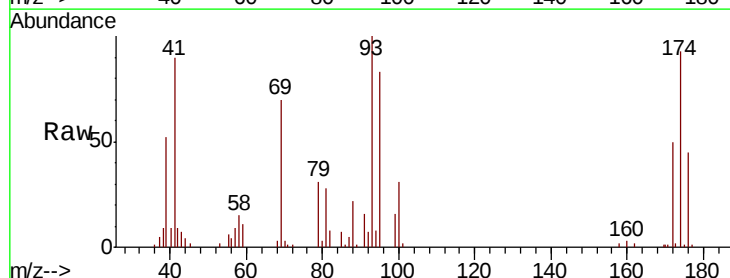
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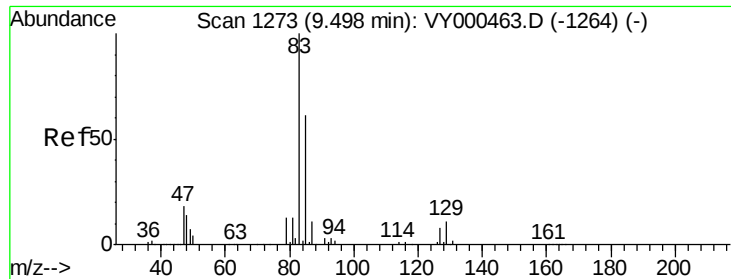
MMDadoda
 10/30/2019 10:59:48 AM



#46
 Dibromomethane
 Concen: 22.385 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion: 93 Resp: 29372
 Ion Ratio Lower Upper
 93 100
 95 80.5 68.2 102.2
 174 98.5 79.8 119.6





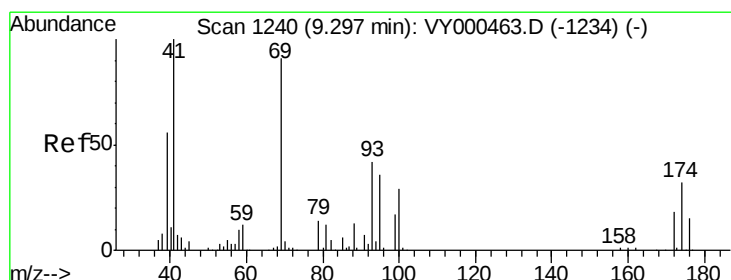
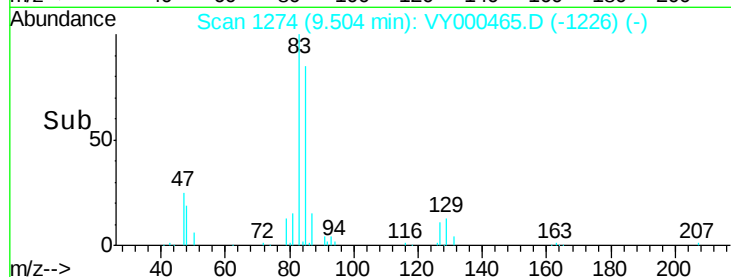
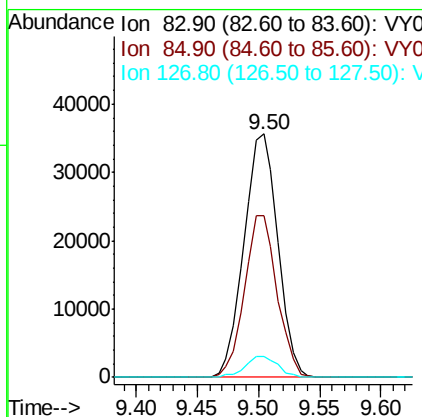
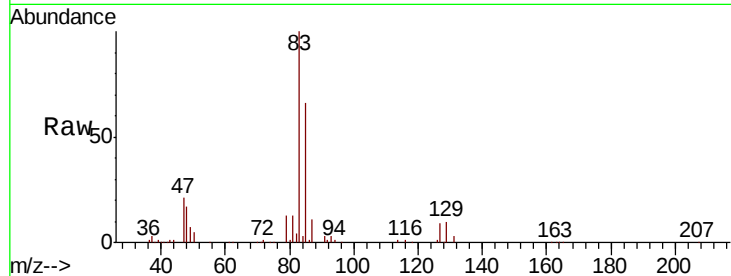
#47
Bromodichloromethane
Concen: 22.186 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	83	Resp	68604
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	52.2	78.2
127	8.6	6.3	9.5

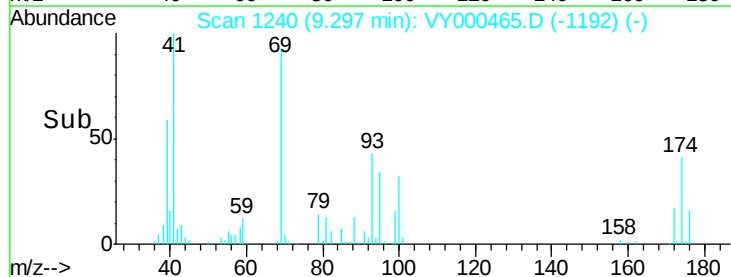
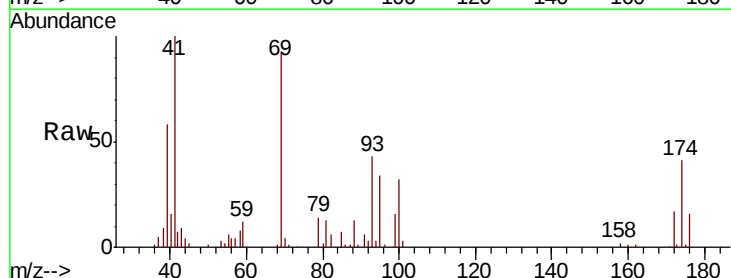
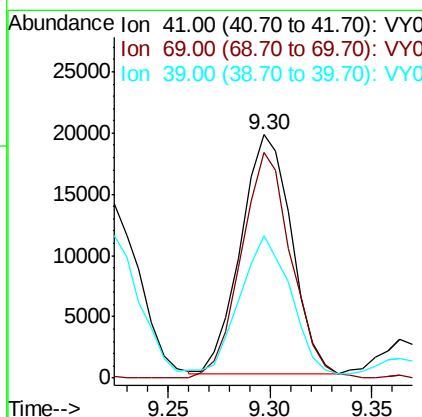
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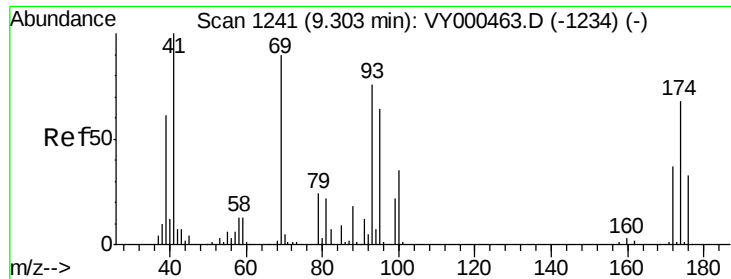
MMDadoda
10/30/2019 10:59:48 AM



#48
Methyl methacrylate
Concen: 20.715 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	41	Resp	33829
Ion Ratio	100	Lower	Upper
41	100		
69	93.0	70.0	105.0
39	57.8	47.7	71.5





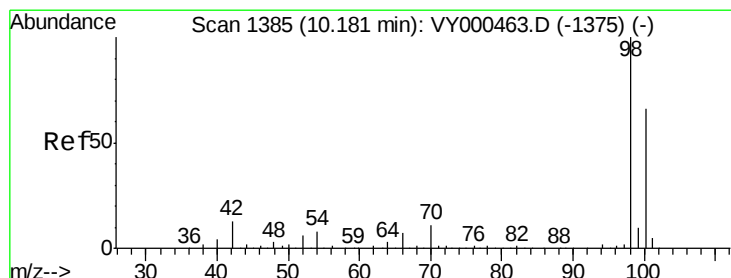
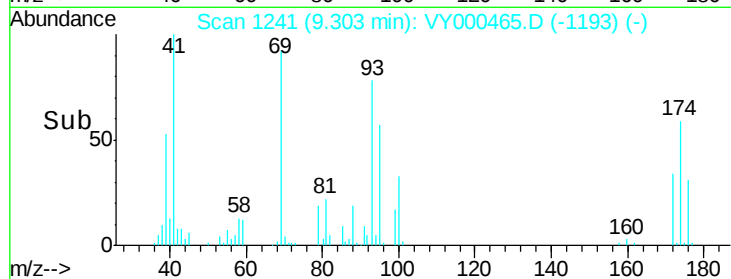
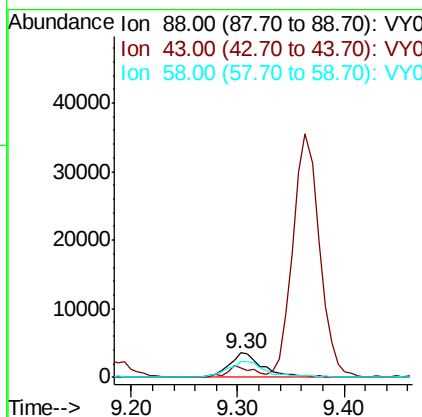
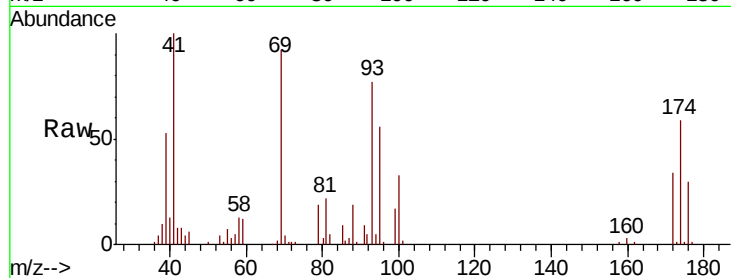
#49
 1,4-Dioxane
 Concen: 404.399 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	25.6	38.4
58	74.3	54.6	81.8

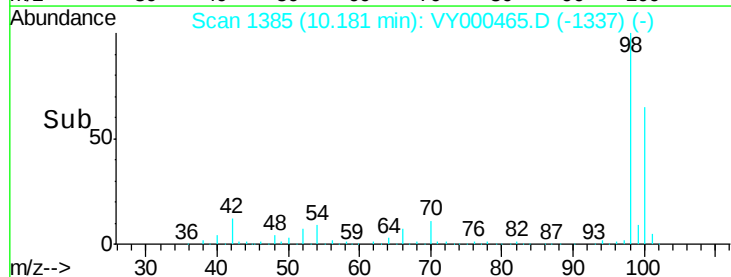
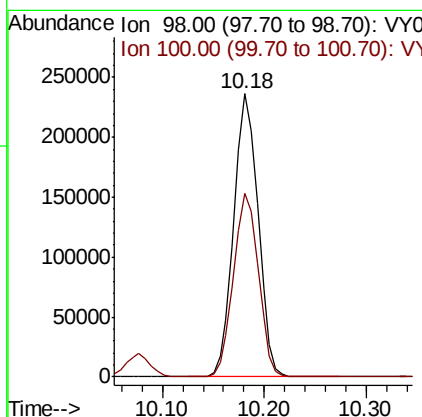
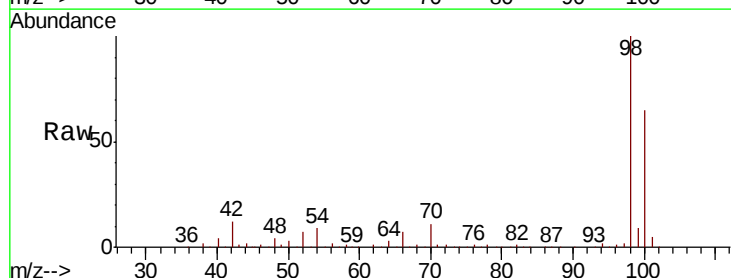
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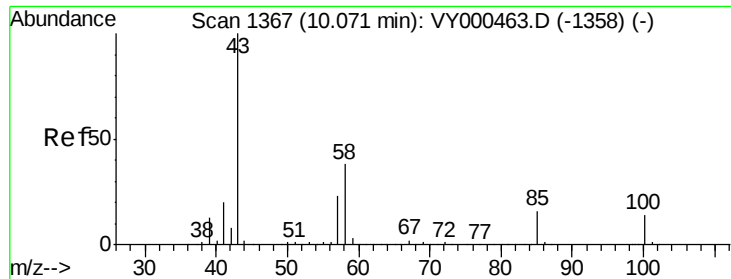
MMDadoda
 10/30/2019 10:59:48 AM



#50
 Toluene-d8
 Concen: 49.647 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 113.290 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 43 Resp: 217733

Ion Ratio Lower Upper

43 100

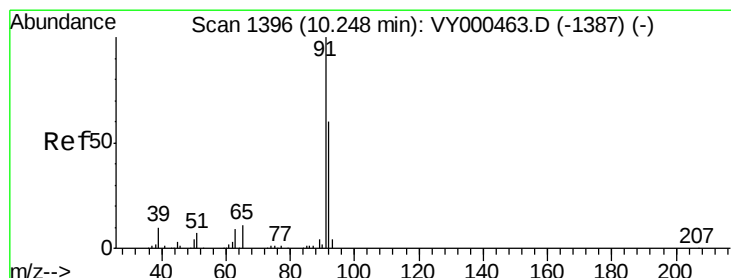
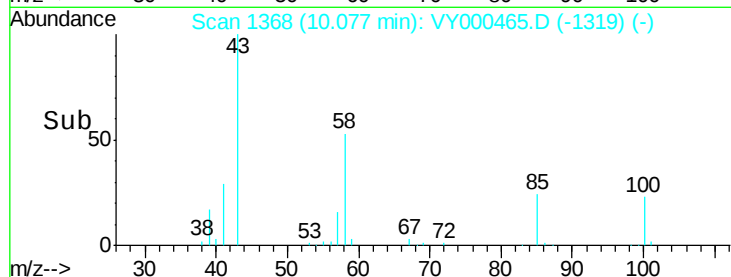
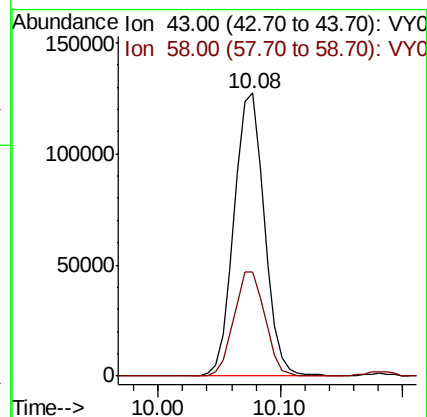
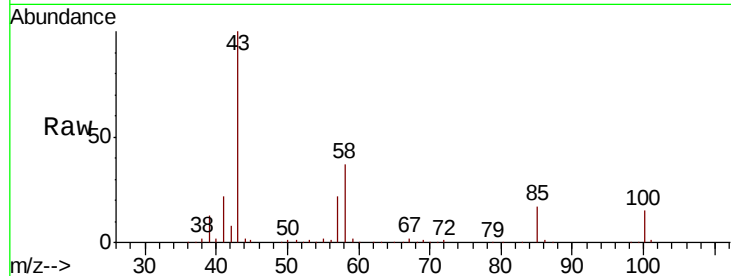
58 38.0 31.0 46.6

Manual Integrations

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#52

Toluene

Concen: 21.431 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000465.D

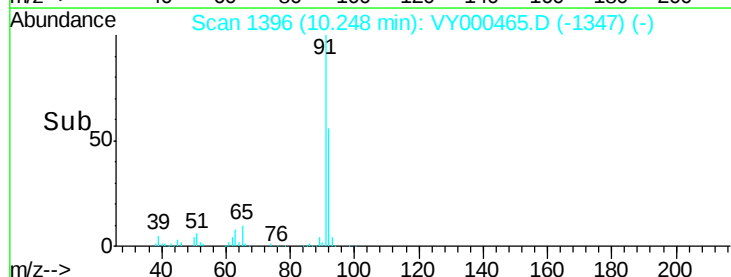
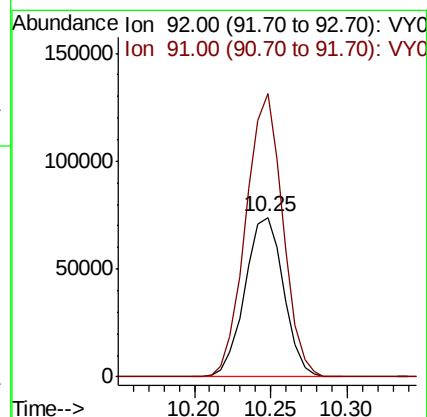
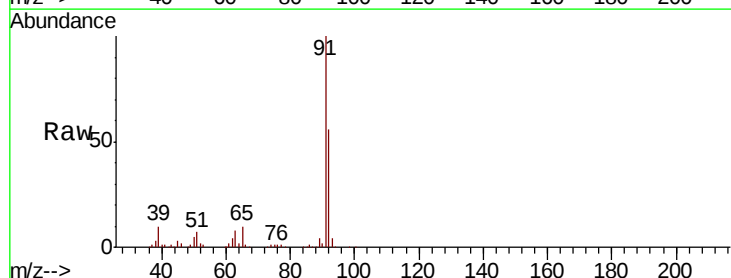
Acq: 29 Oct 2019 11:38

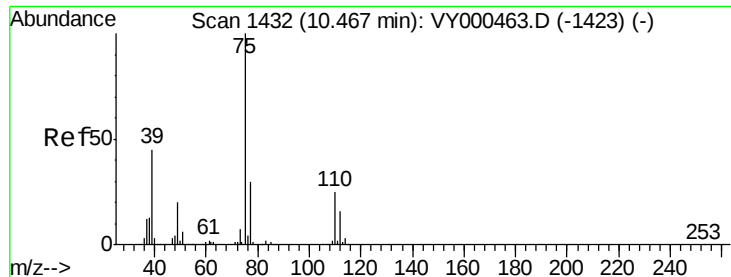
Tgt Ion: 92 Resp: 130139

Ion Ratio Lower Upper

92 100

91 169.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 22.168 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 75 Resp: 73464

Ion Ratio Lower Upper

75 100

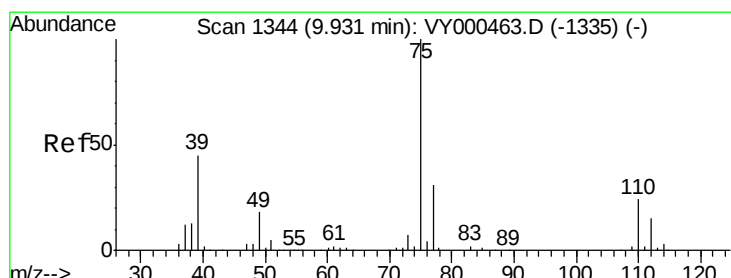
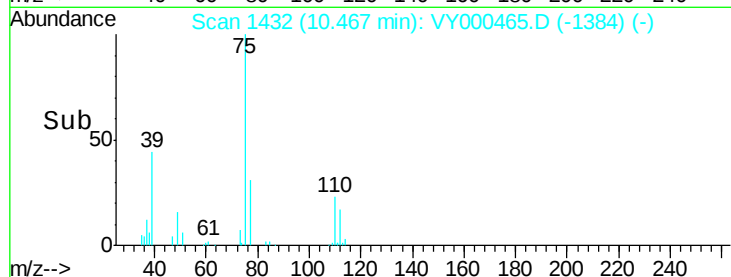
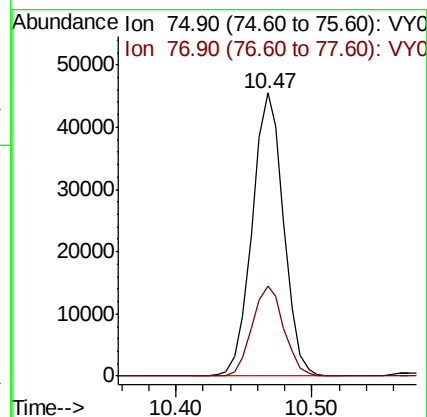
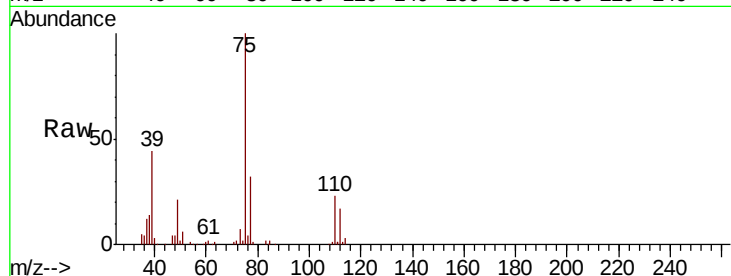
77 31.7 26.0 39.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.579 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

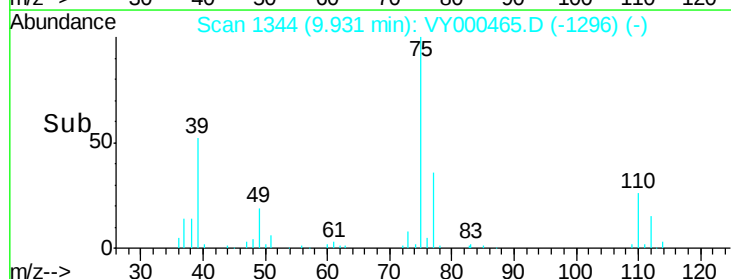
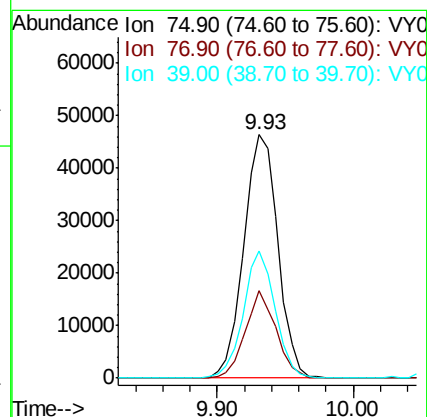
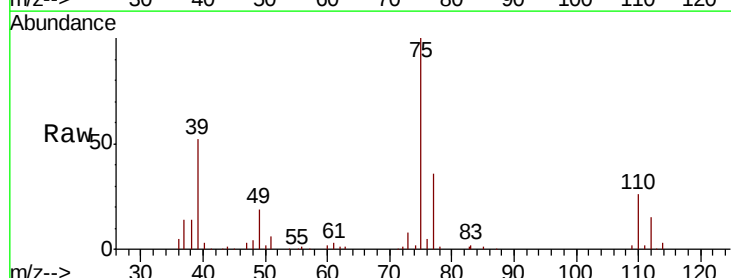
Tgt Ion: 75 Resp: 81212

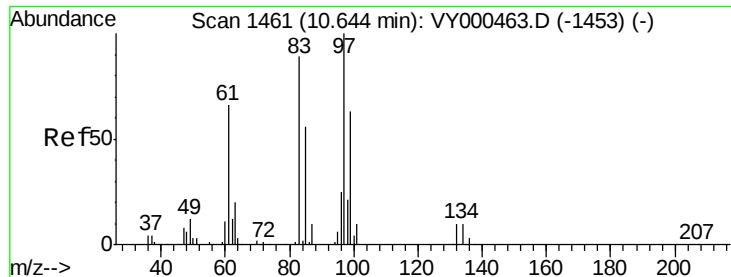
Ion Ratio Lower Upper

75 100

77 36.2 26.0 39.0

39 52.5 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.969 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

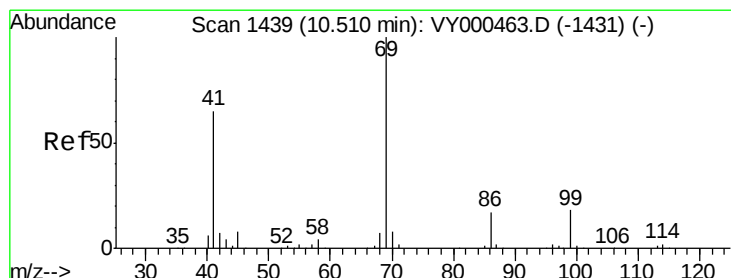
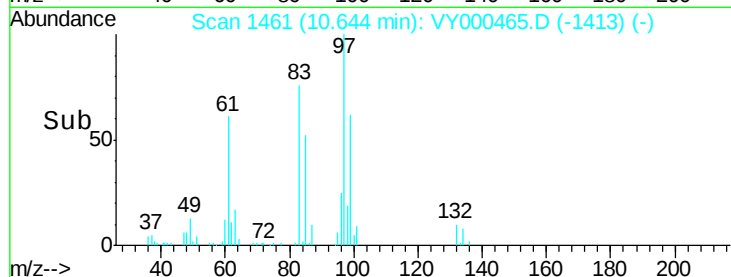
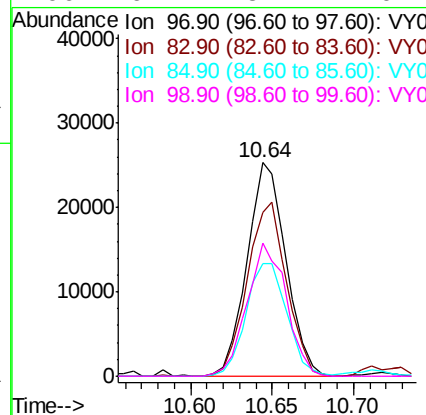
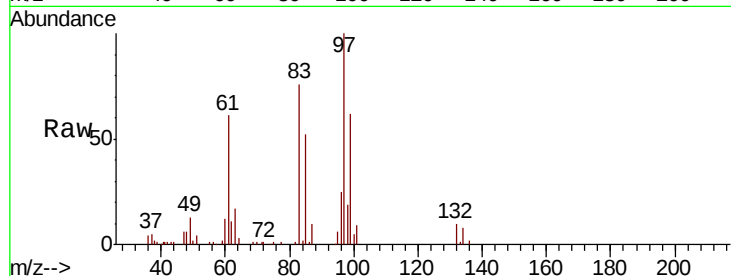
ClientSampleId :

VY1029SBS01

Tot Ion:	97	Resp:	41913
Ion	Ratio	Lower	Upper
97	100		
83	76.5	69.0	103.6
85	52.5	46.2	69.4
99	62.2	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.046 ug/l

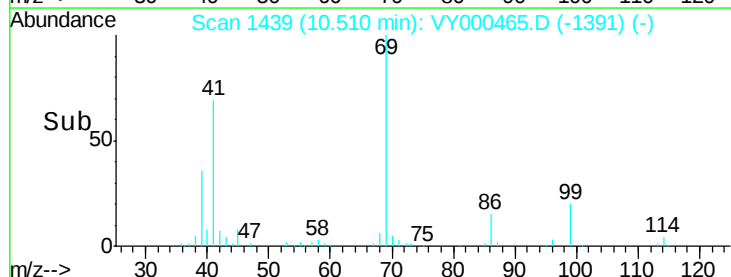
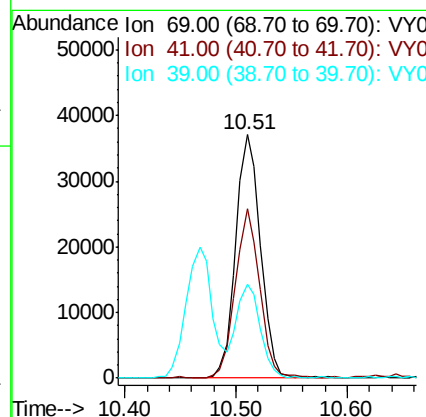
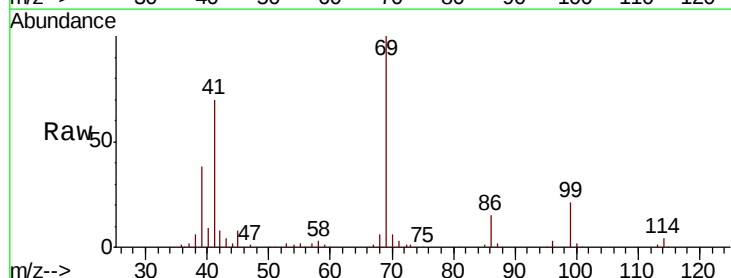
RT: 10.51 min Scan# 1439

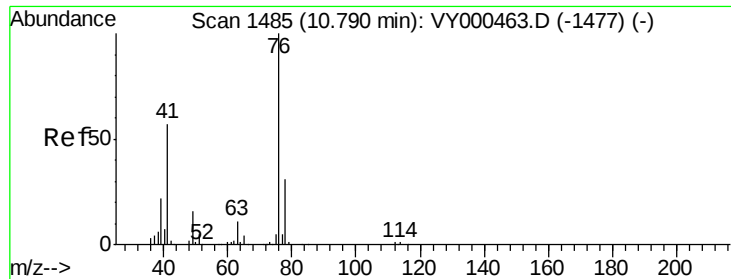
Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	69	Resp:	57229
Ion	Ratio	Lower	Upper
69	100		
41	67.6	52.5	78.7
39	37.5	26.7	40.1





#57

1,3-Dichloropropane

Concen: 22.427 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion: 76 Resp: 73480

Ion Ratio Lower Upper

76 100

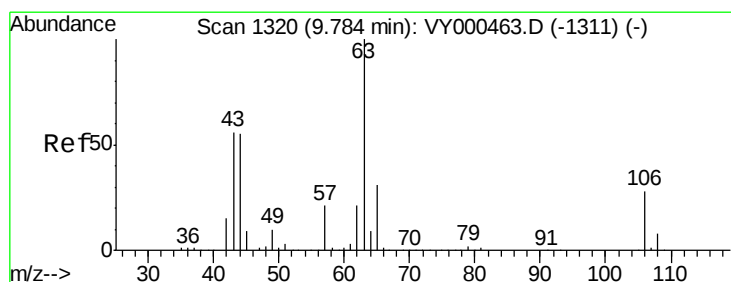
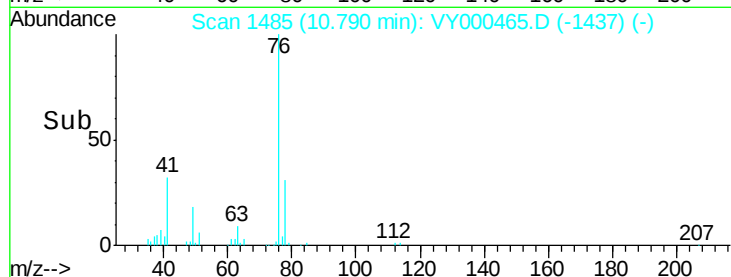
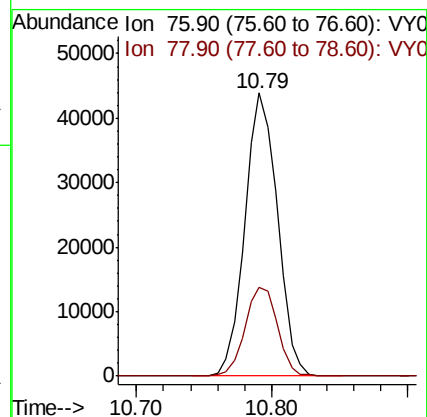
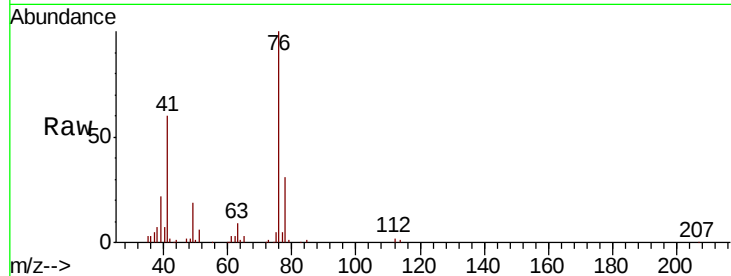
78 31.3 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 123.350 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000465.D

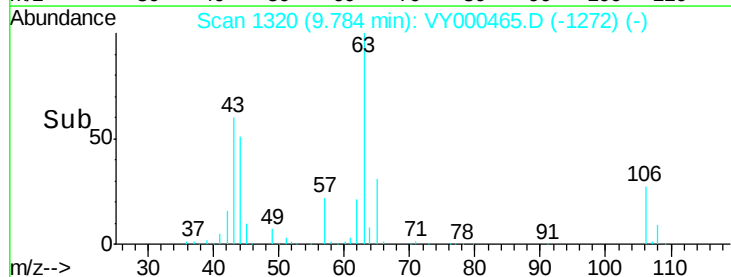
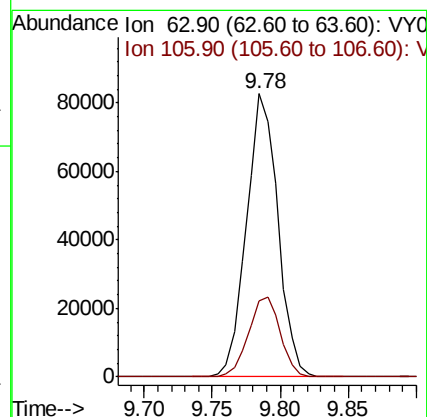
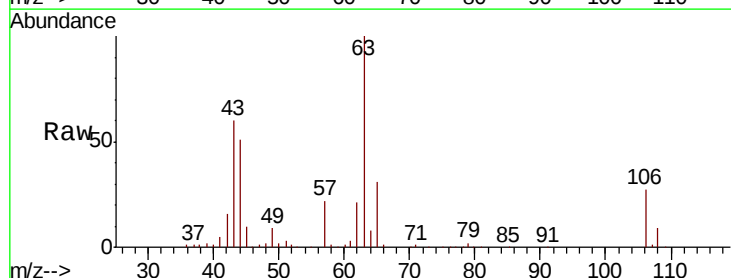
Acq: 29 Oct 2019 11:38

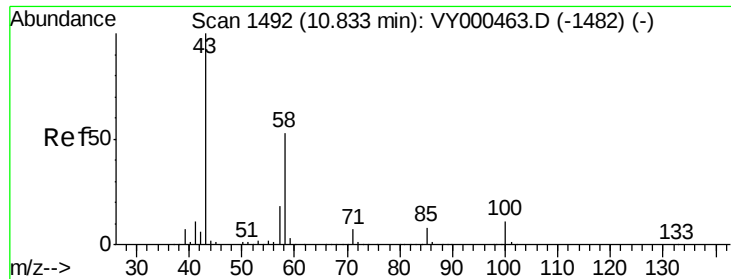
Tgt Ion: 63 Resp: 133789

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.4





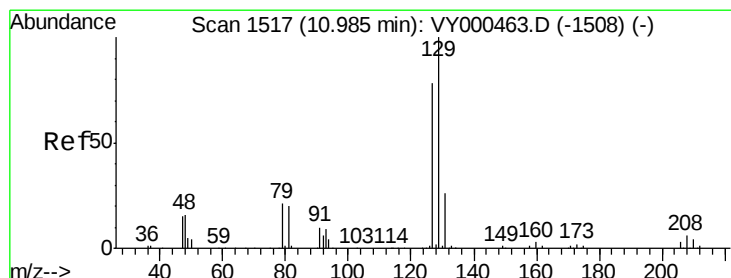
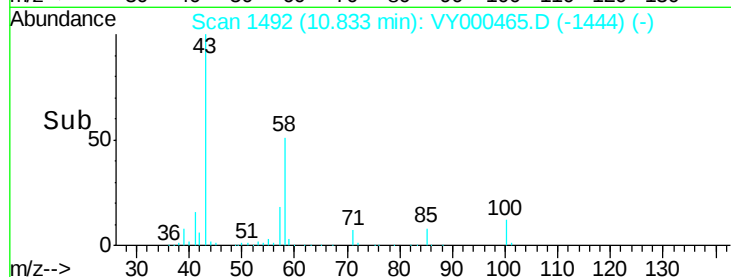
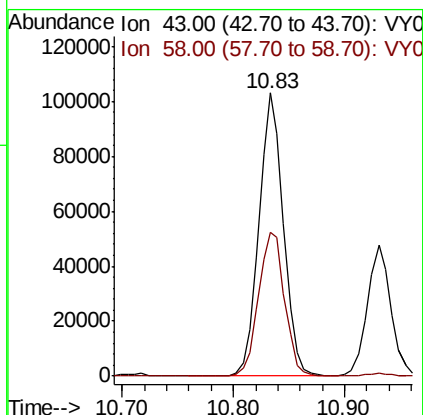
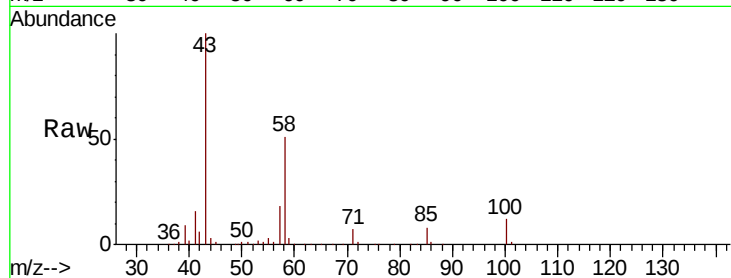
#59
2-Hexanone
Concen: 117.289 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion: 43 Resp: 158224
Ion Ratio Lower Upper
43 100
58 54.2 27.7 83.1

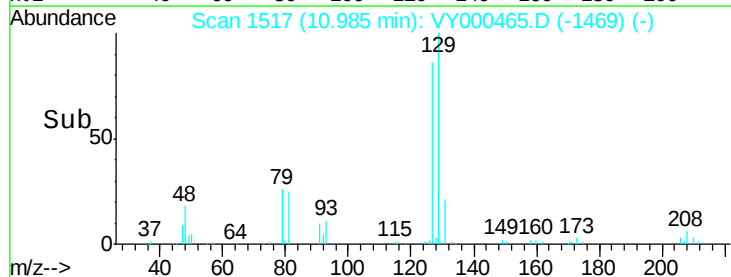
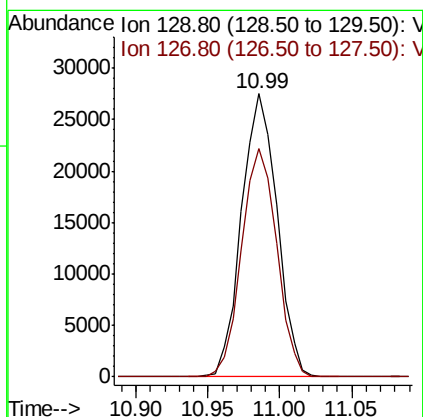
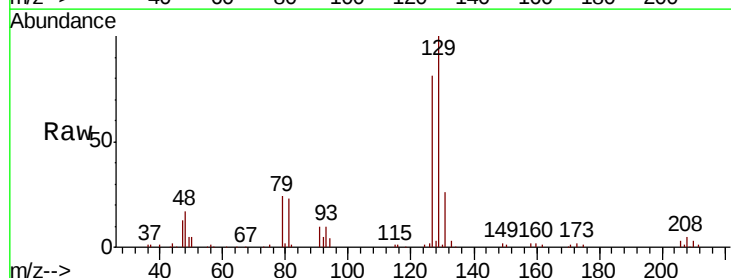
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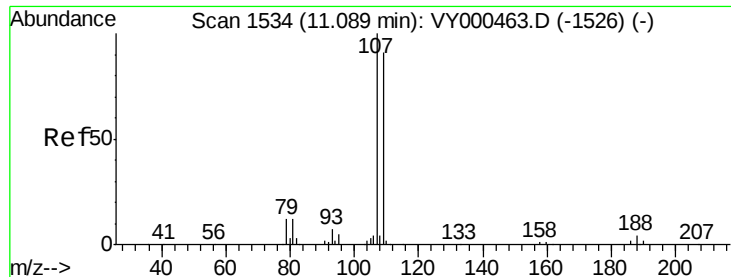
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#60
Dibromochloromethane
Concen: 22.257 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion: 129 Resp: 47063
Ion Ratio Lower Upper
129 100
127 79.5 39.9 119.7





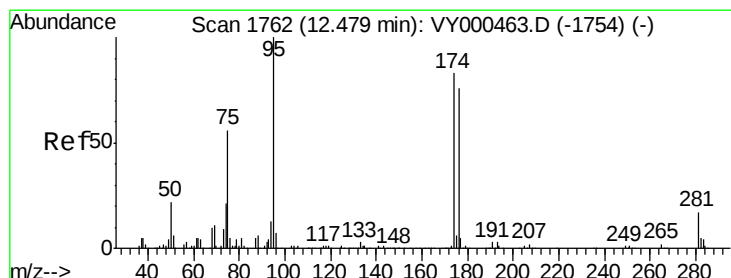
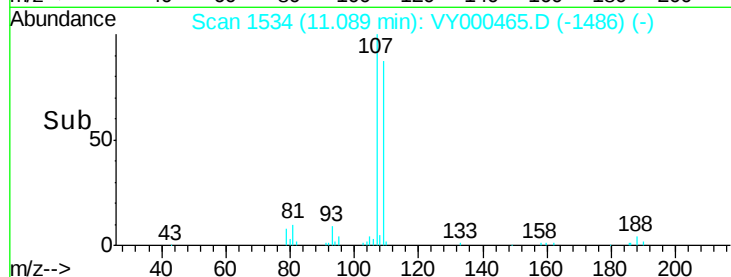
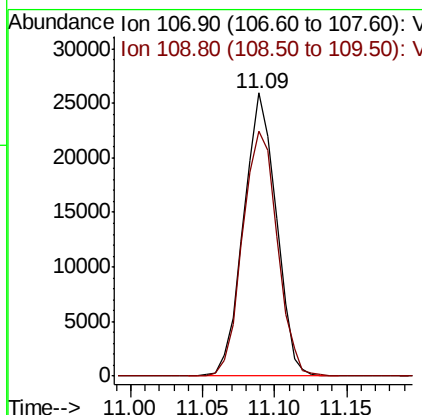
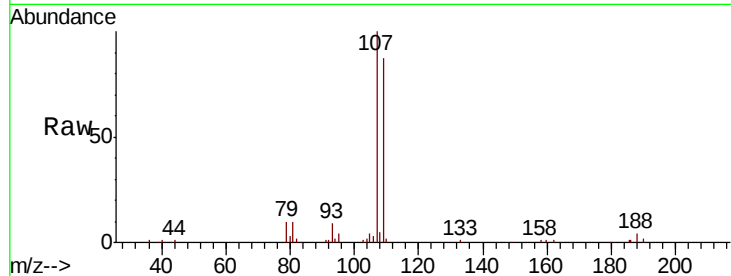
#61
 1,2-Dibromoethane
 Concen: 22.203 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	75.1	112.7

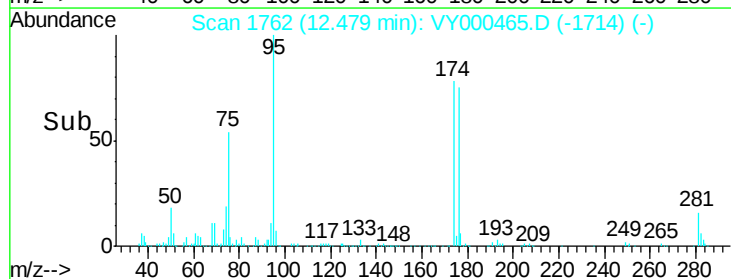
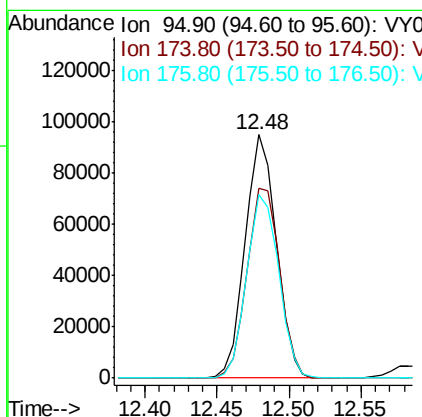
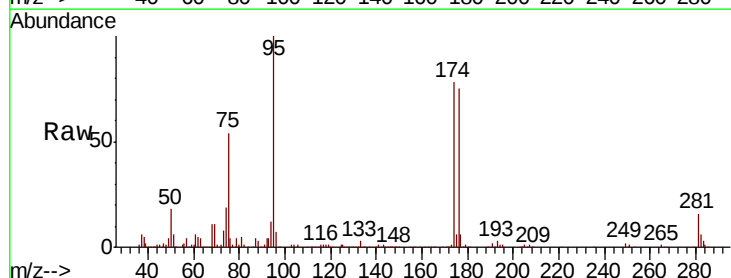
Manual Integrations
 APPROVED

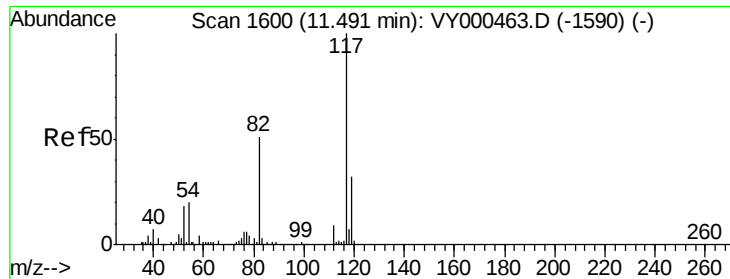
MMDadoda
 10/30/2019 10:59:48 AM



#62
 4-Bromofluorobenzene
 Concen: 47.683 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	159.6
176	77.4	0.0	153.8





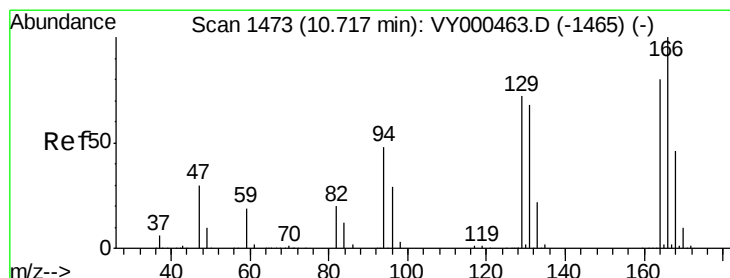
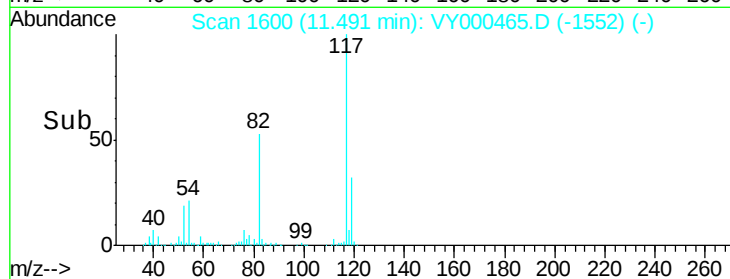
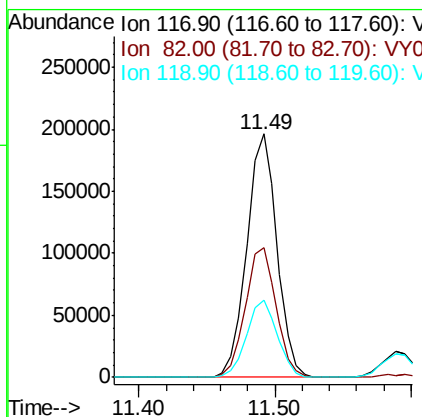
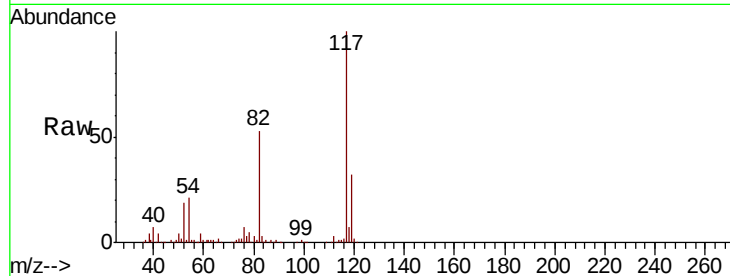
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305477		
82	53.5		43.7	65.5
119	31.9		26.6	39.8

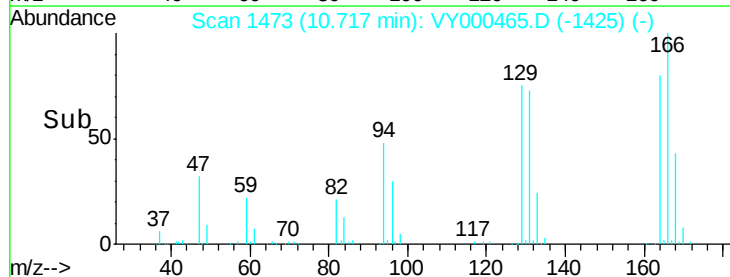
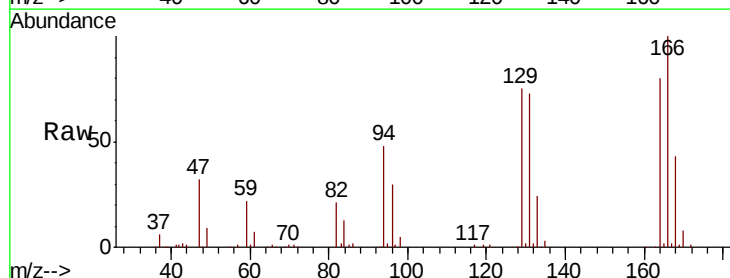
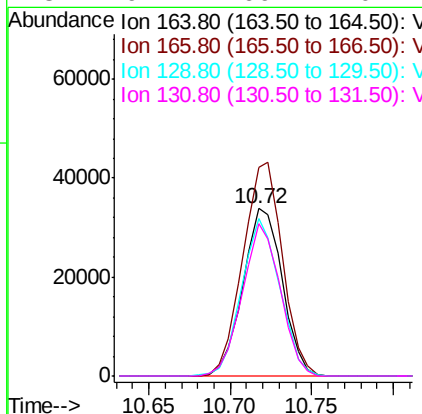
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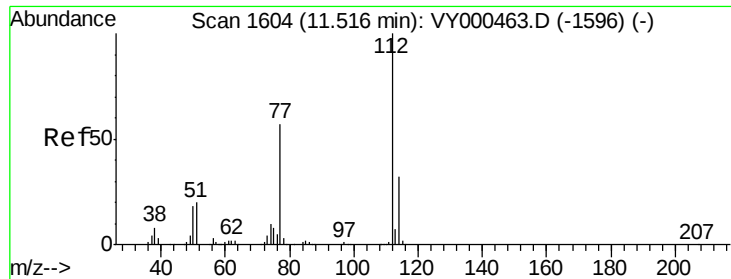
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#64
Tetrachloroethene
Concen: 19.592 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56976		
166	125.0		100.6	151.0
129	94.1		72.8	109.2
131	91.1		69.4	104.2





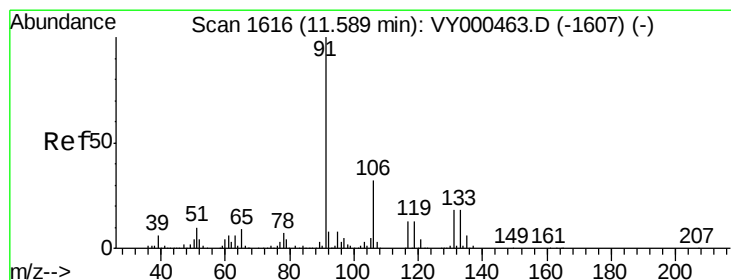
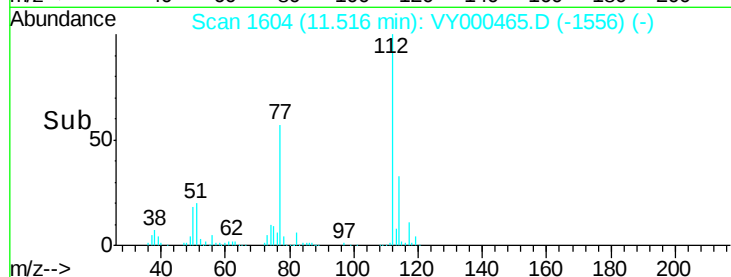
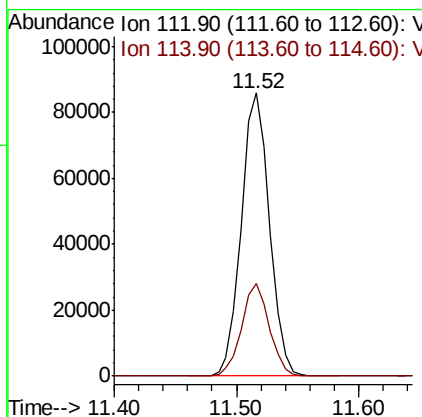
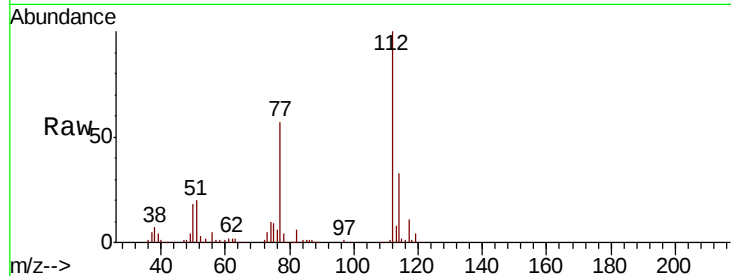
#65
Chlorobenzene
Concen: 21.241 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	136939		
114	32.6	25.7	38.5	

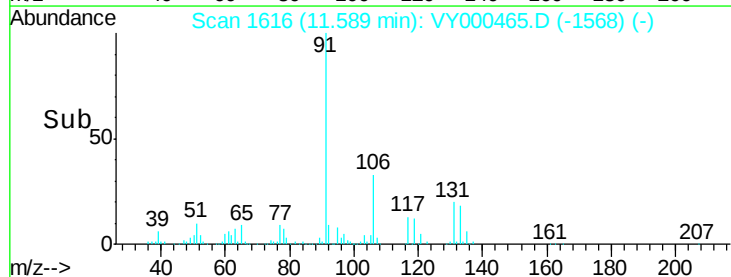
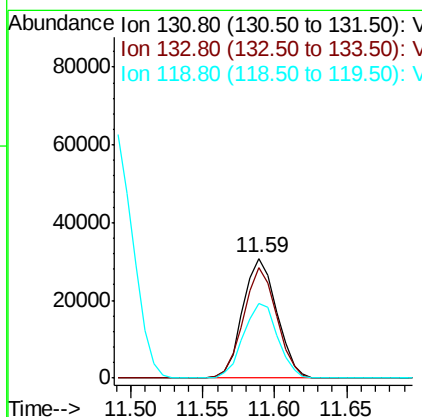
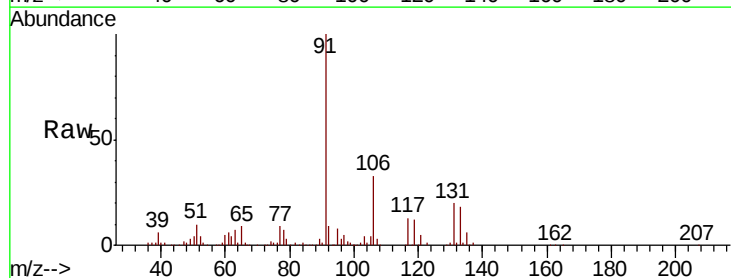
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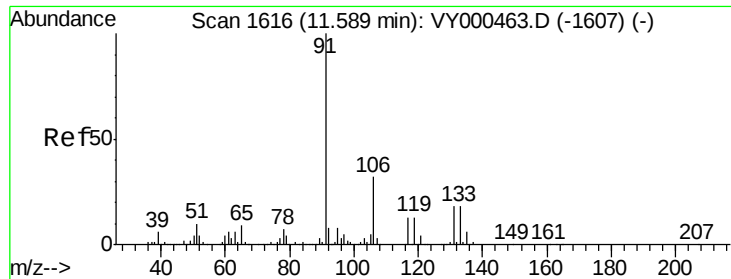
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.256 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	50402		
133	90.3	47.2	141.6	
119	63.0	32.6	98.0	





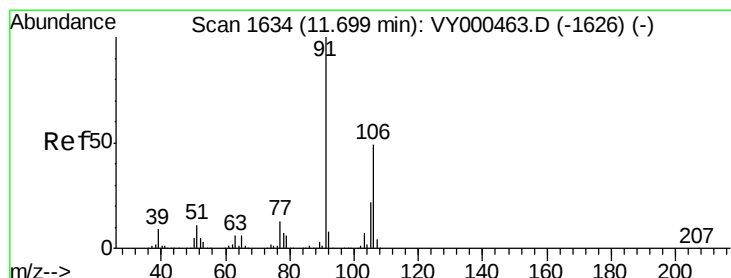
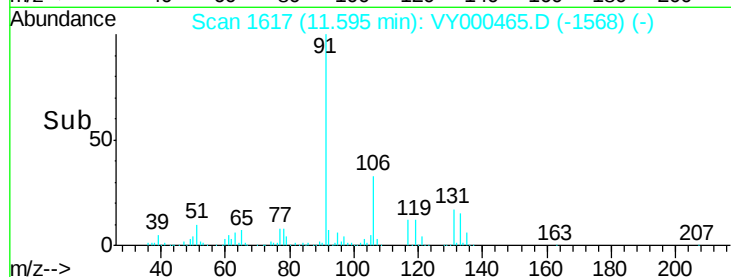
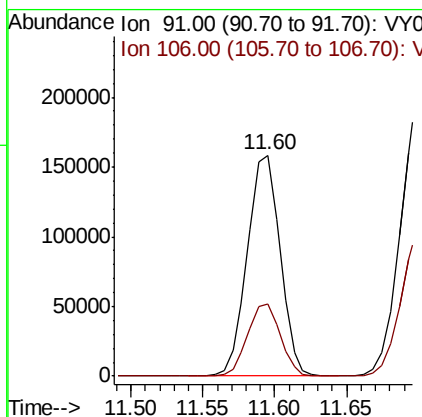
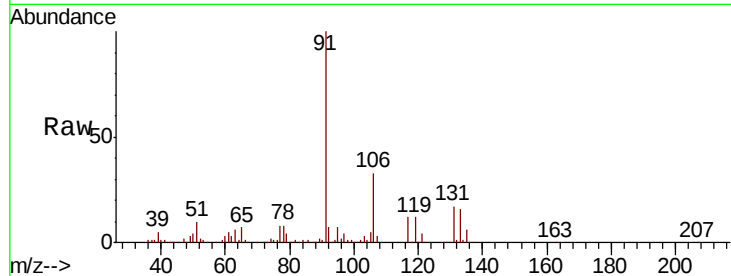
#67
Ethyl Benzene
Concen: 20.886 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.0	37.6

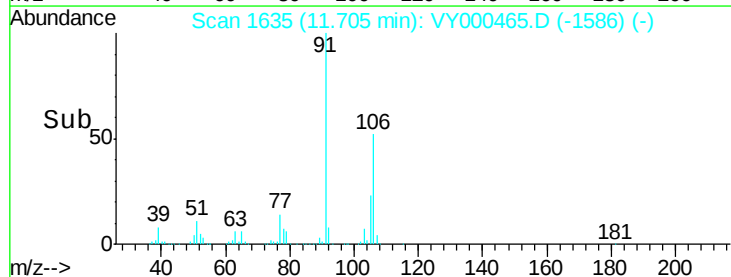
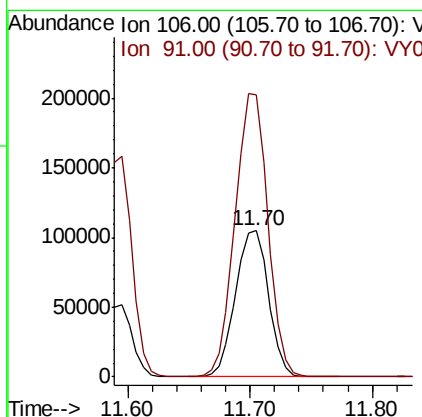
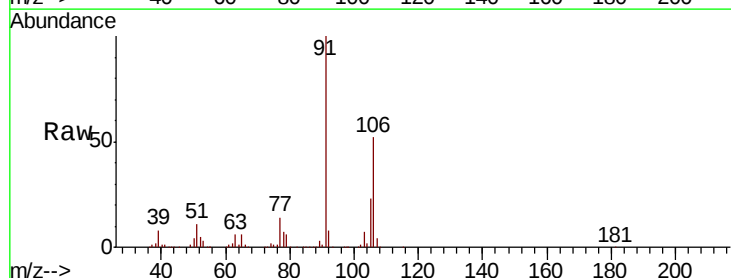
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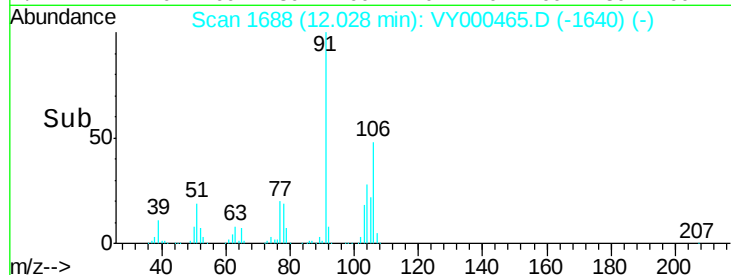
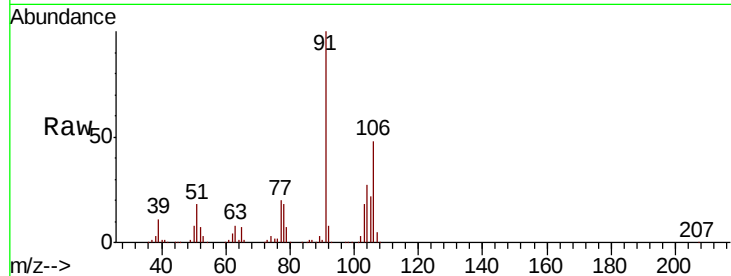
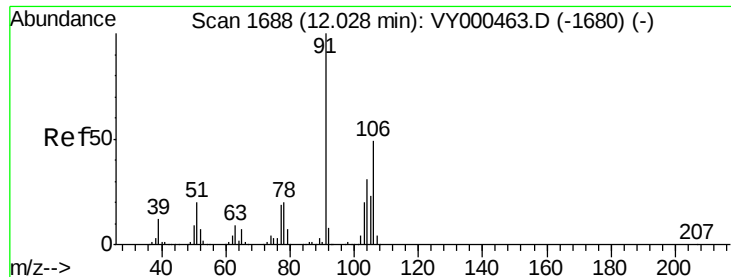
MMDadoda
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#68
m/p-Xylenes
Concen: 43.069 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	192.0	157.5	236.3





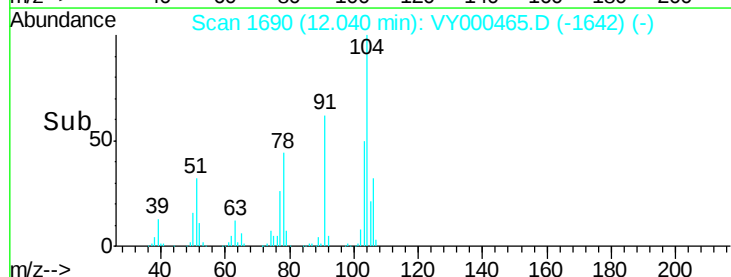
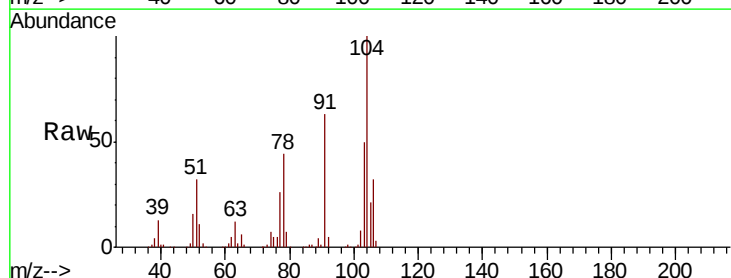
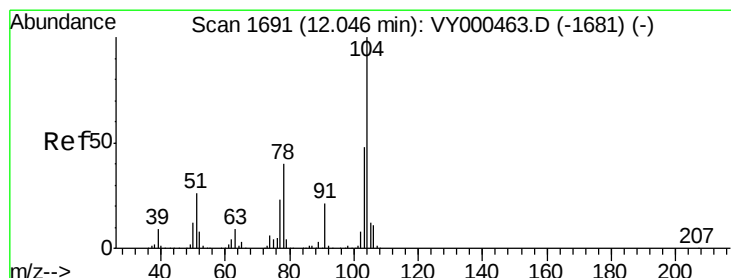
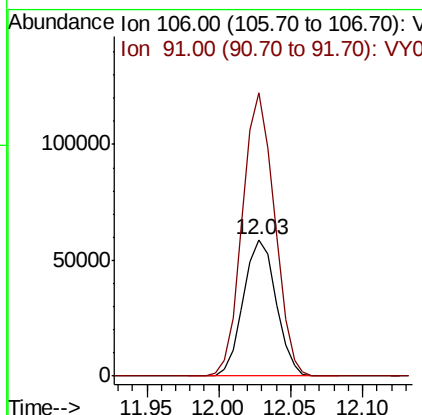
#69
o-Xylene
Concen: 21.394 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tot Ion:106 Resp: 93246
Ion Ratio Lower Upper
106 100
91 203.2 104.7 313.9

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

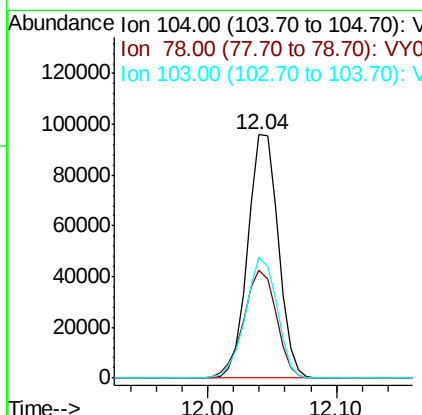
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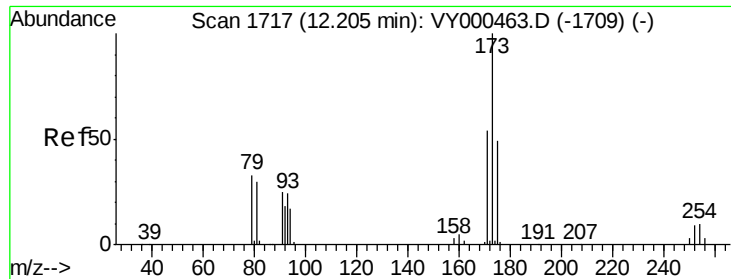
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#70
Styrene
Concen: 21.216 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion:104 Resp: 155948
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.6
103 51.8 43.1 64.7





#71

Bromoform

Concen: 21.617 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

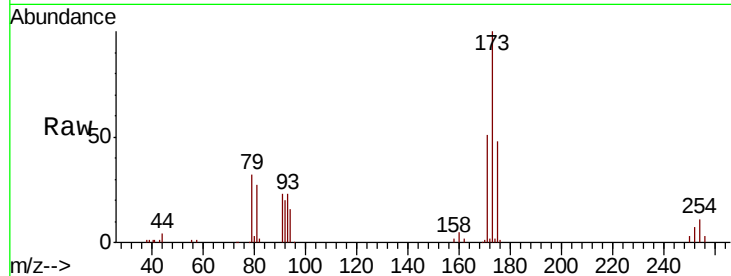
ClientSampleId :

VY1029SBS01

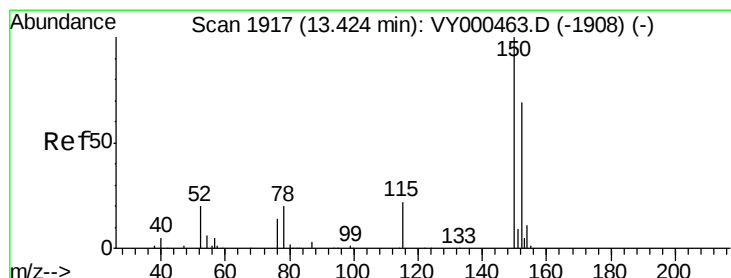
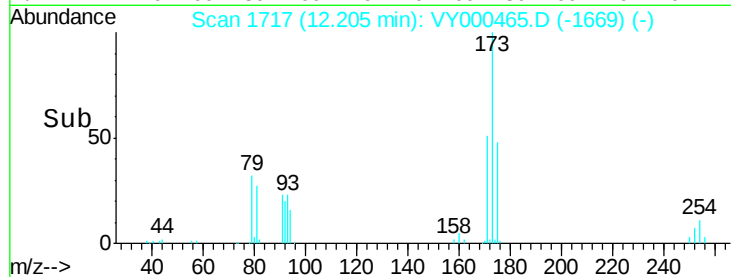
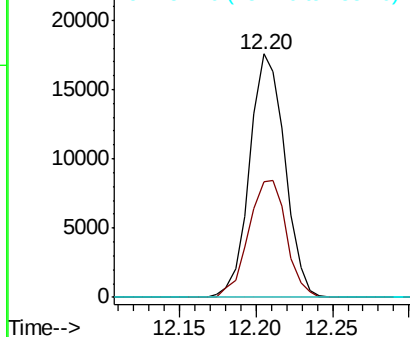
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.6	73.6
254	0.0	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

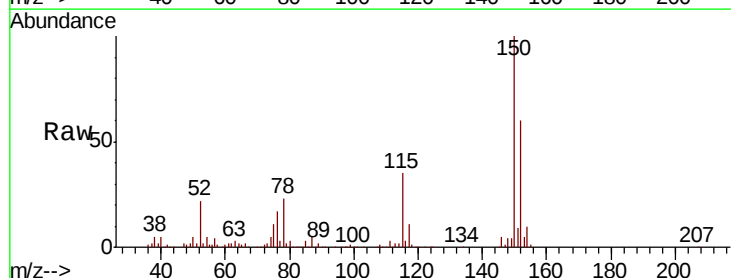
RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

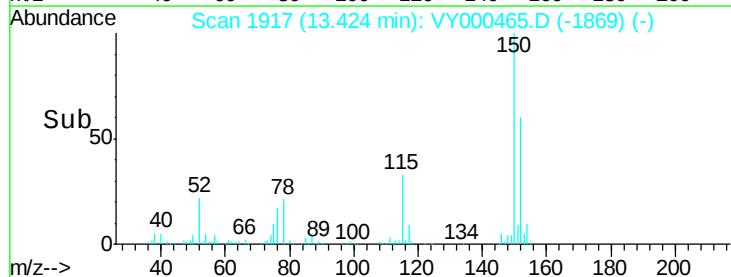
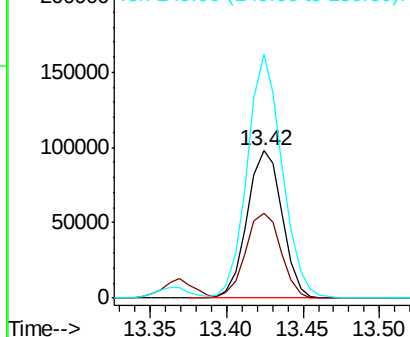
Lab File: VY000465.D

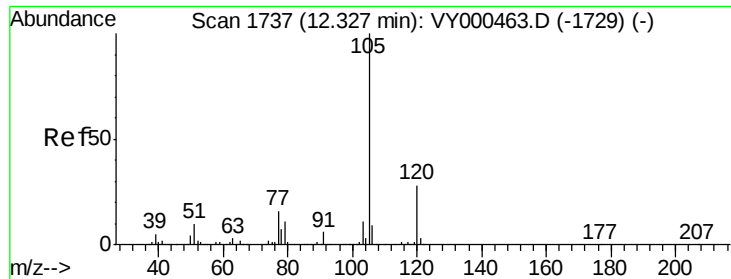
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	165.5	0.0	348.4



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





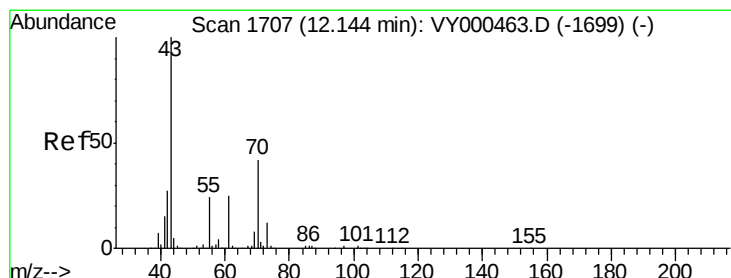
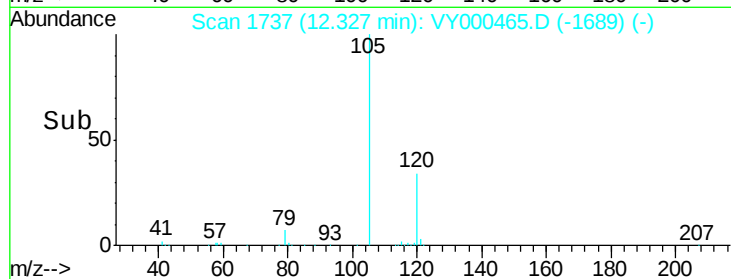
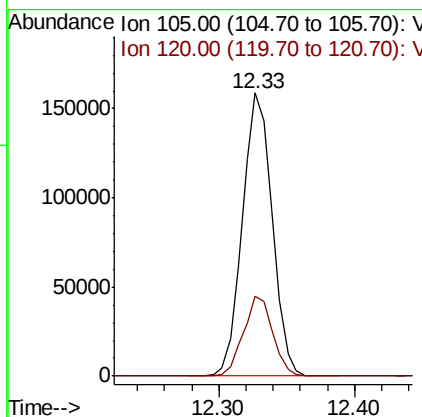
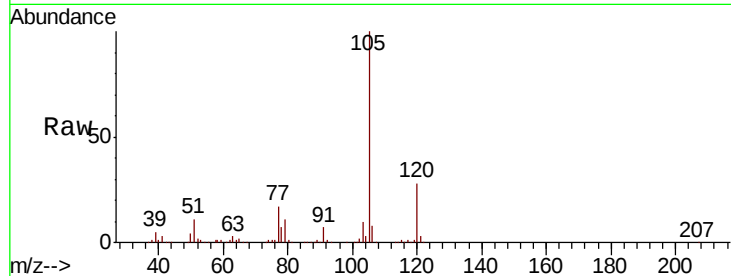
#73
Isopropylbenzene
Concen: 20.038 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.4	40.2

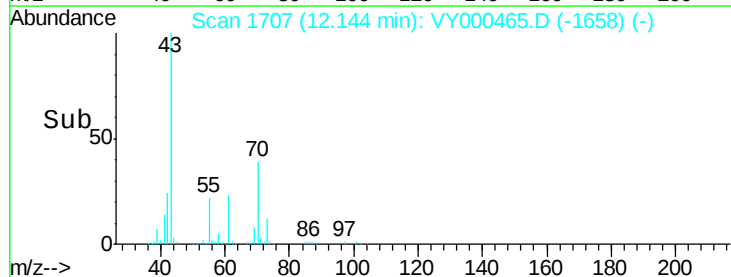
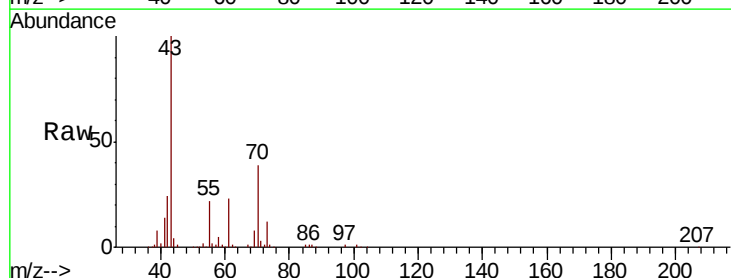
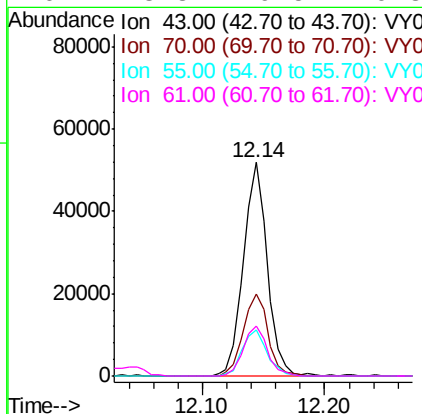
Manual Integrations
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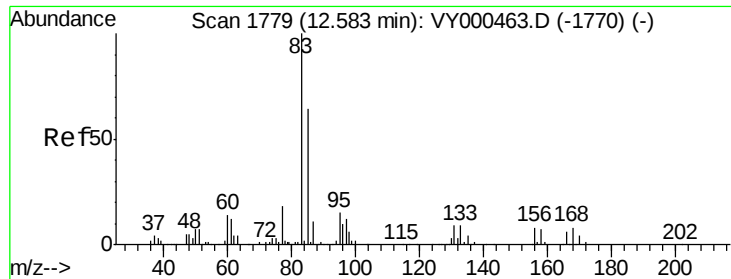
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#74
N-ethyl acetate
Concen: 23.604 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.9	49.3
55	22.6	17.8	26.6
61	23.3	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.905 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

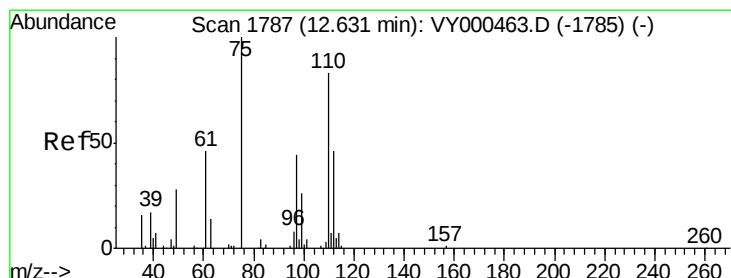
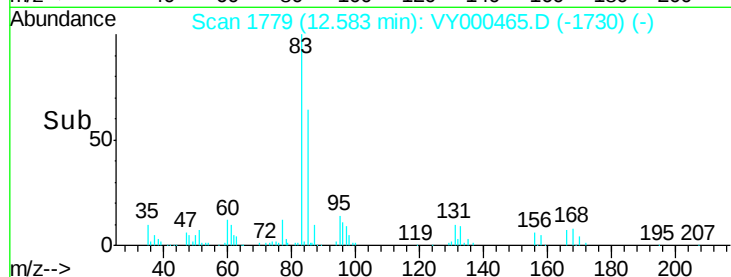
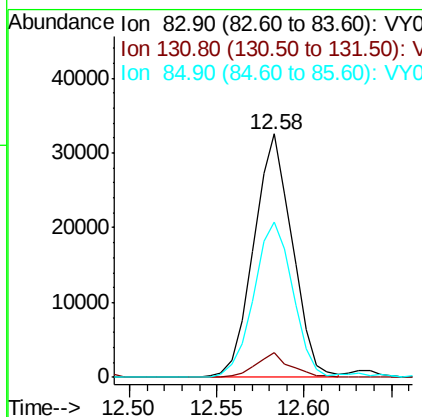
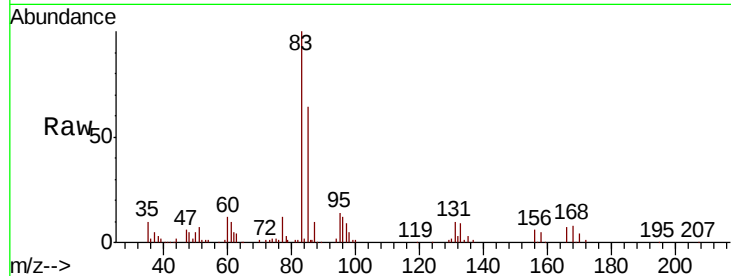
ClientSampleId :

VY1029SBS01

Tot Ion:	83	Resp:	49820
Ion Ratio	Lower	Upper	
83	100		
131	9.1	5.3	16.1
85	64.9	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.433 ug/l m

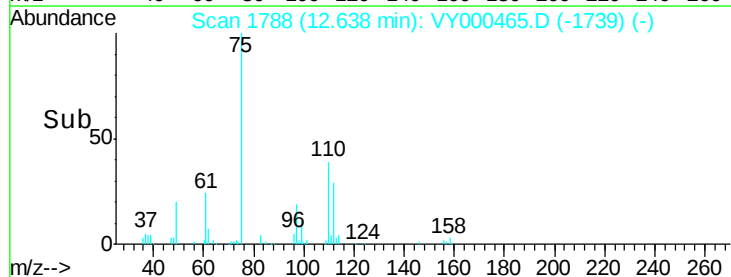
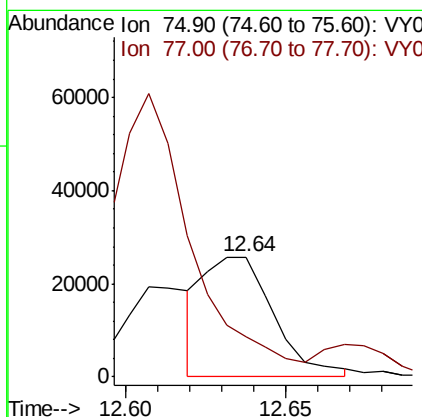
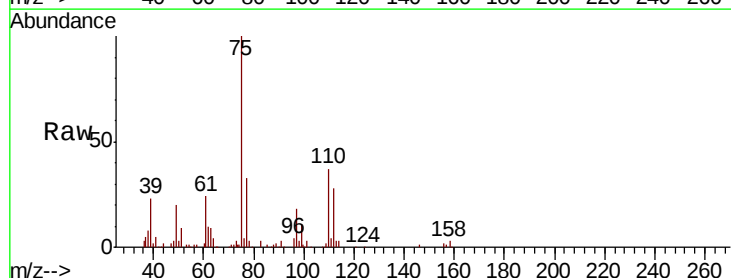
RT: 12.64 min Scan# 1788

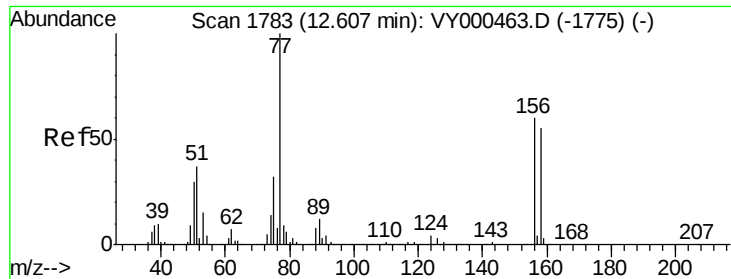
Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	75	Resp:	39034
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





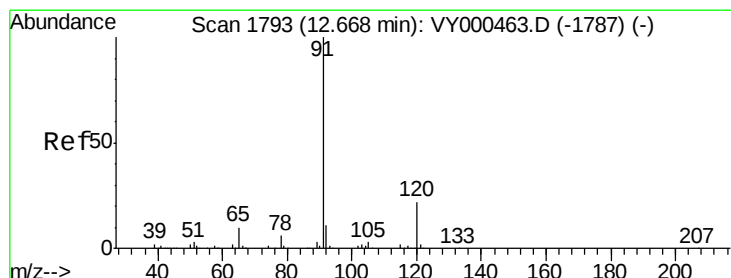
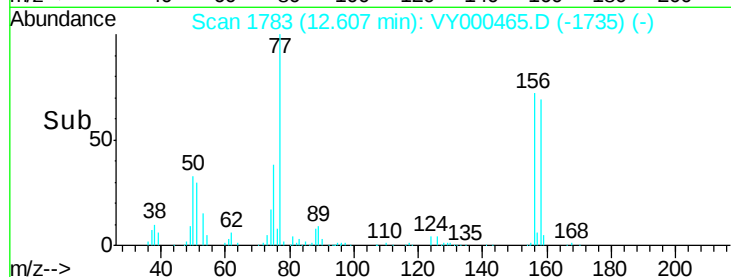
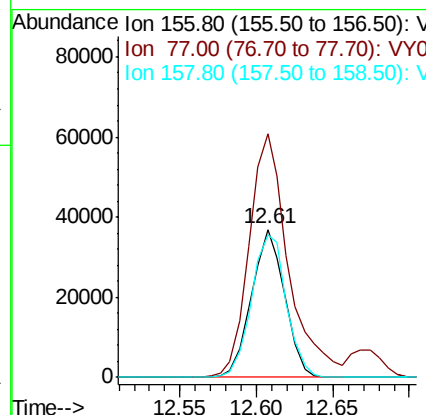
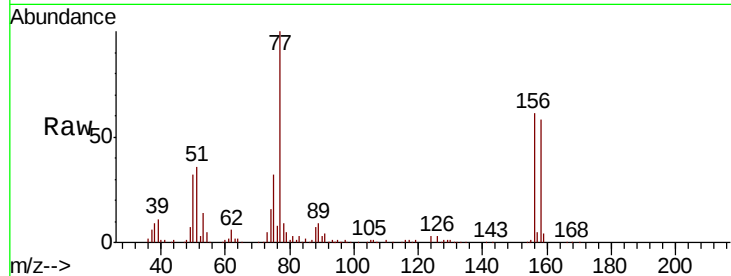
#77
Bromobenzene
Concen: 20.603 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.6	101.0	302.9	
158	101.3	49.7	149.1	

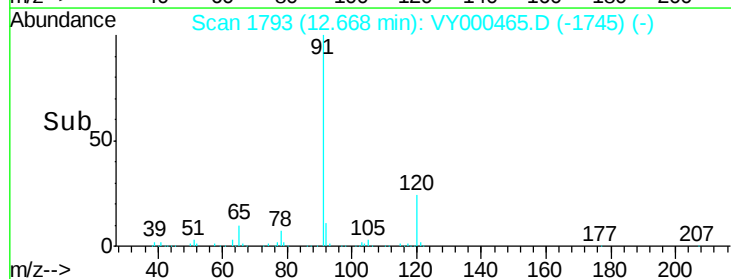
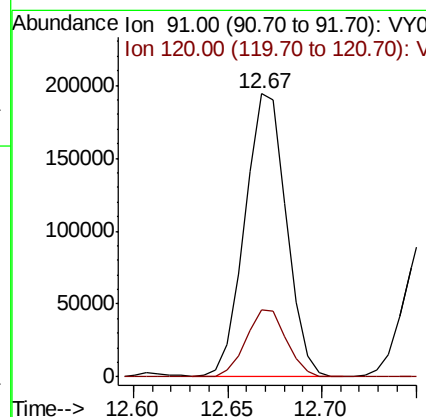
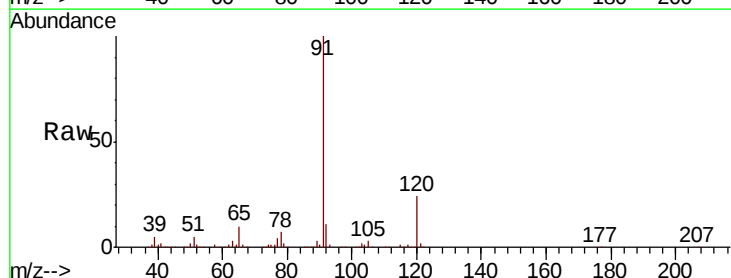
Manual Integrations
APPROVED

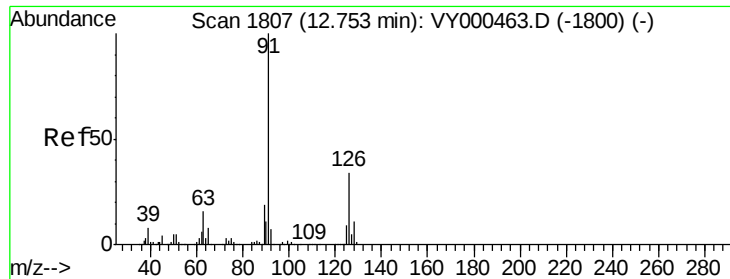
MMDadoda
10/30/2019 10:59:48 AM



#78
n-propylbenzene
Concen: 20.416 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.5	34.5	





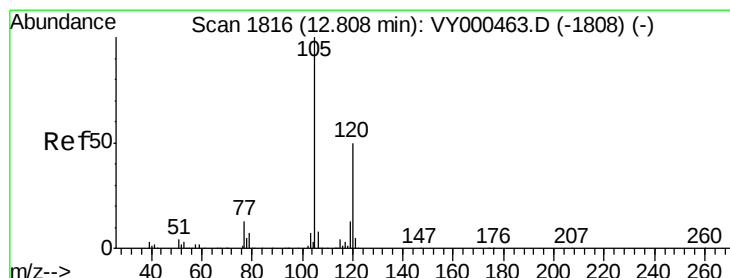
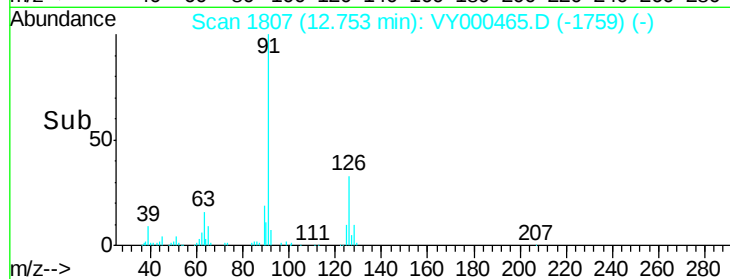
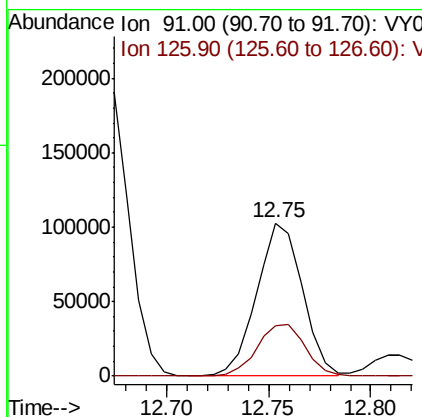
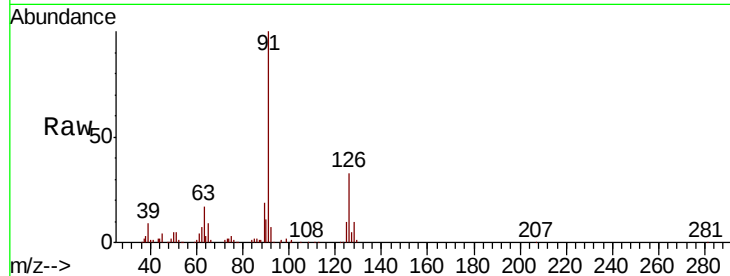
#79
2-Chlorotoluene
Concen: 19.970 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.9	17.1	51.3	

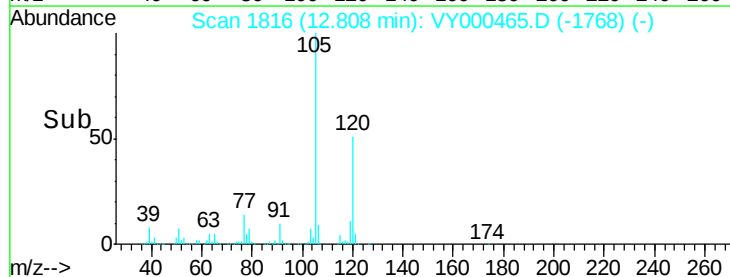
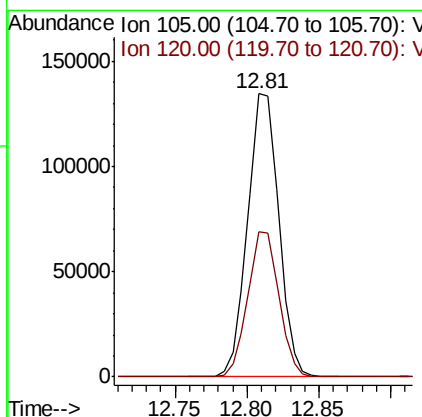
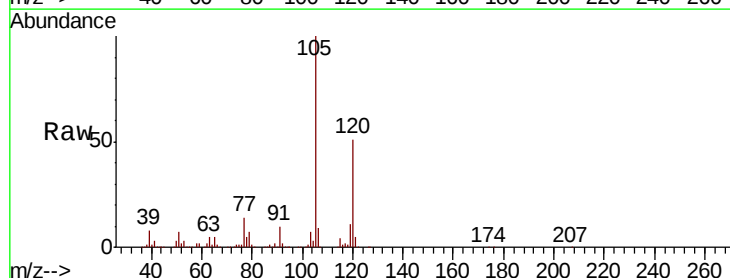
Manual Integrations
APPROVED

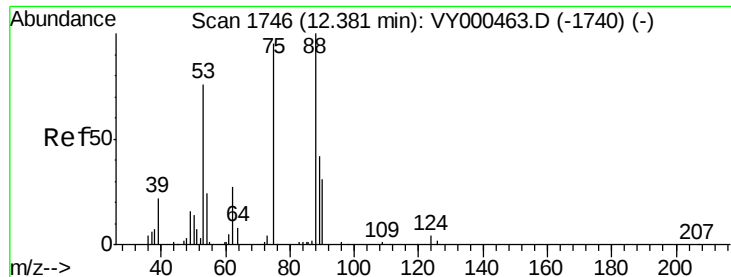
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#80
1,3,5-Trimethylbenzene
Concen: 19.819 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	51.3	24.9	74.8	





#81

trans-1,4-Dichloro-2-butene

Concen: 19.601 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

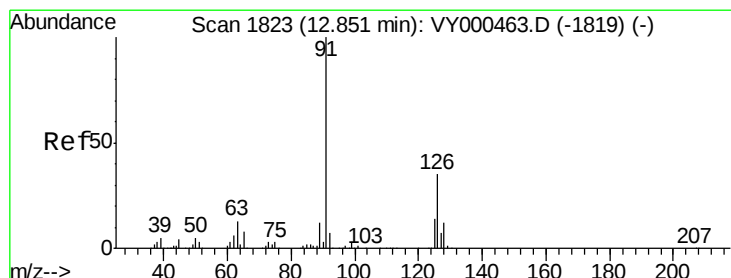
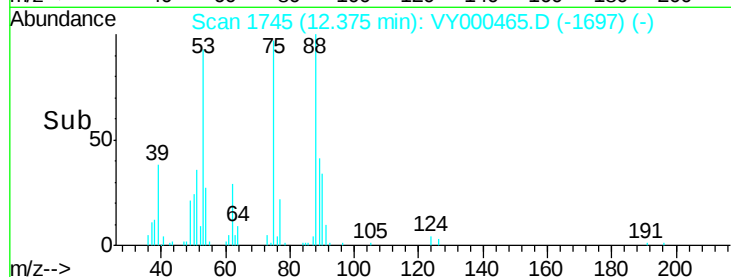
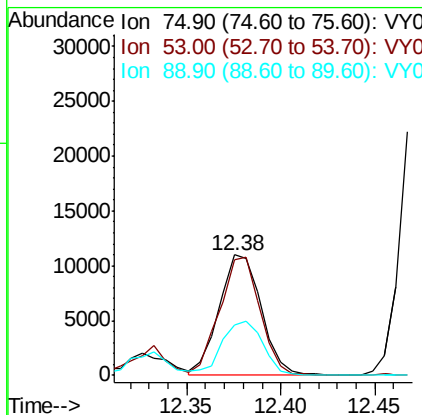
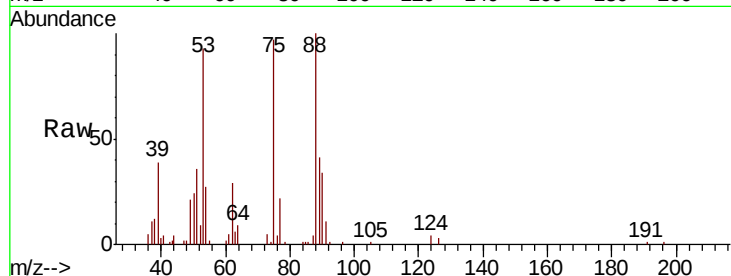
ClientSampleId :

VY1029SBS01

Tot Ion:	75	Resp:	17114
Ion	Ratio	Lower	Upper
75	100		
53	94.2	71.3	106.9
89	44.0	35.1	52.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.166 ug/l

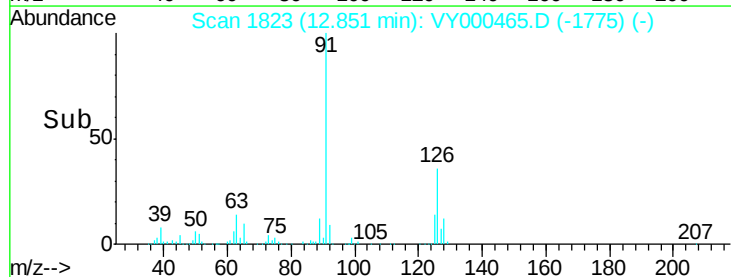
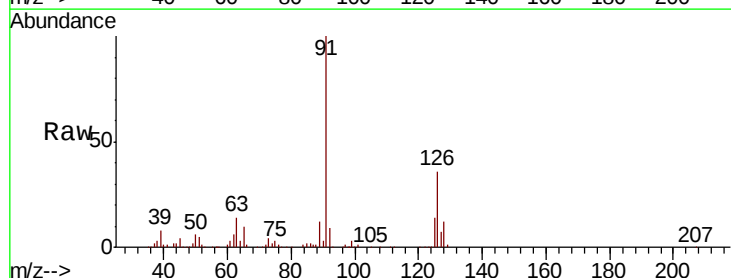
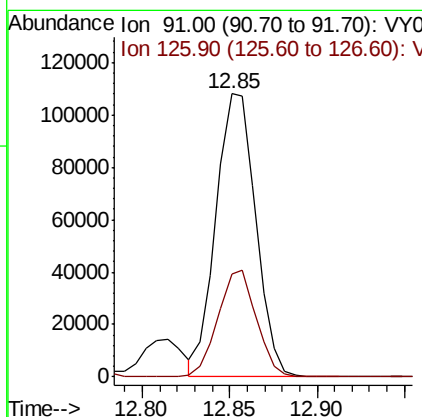
RT: 12.85 min Scan# 1823

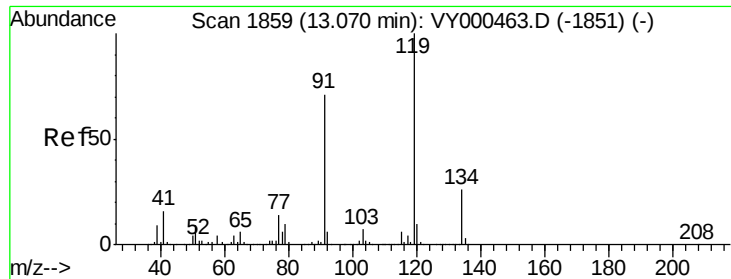
Delta R.T. -0.01 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Tgt Ion:	91	Resp:	171216
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.2	51.5





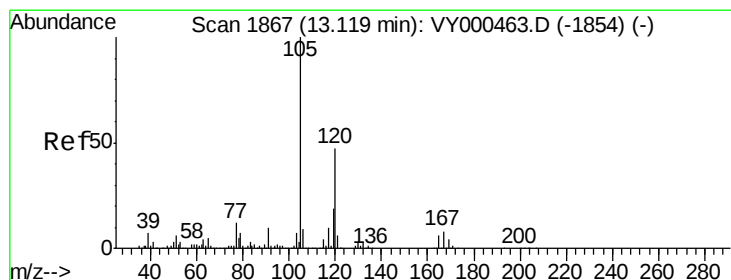
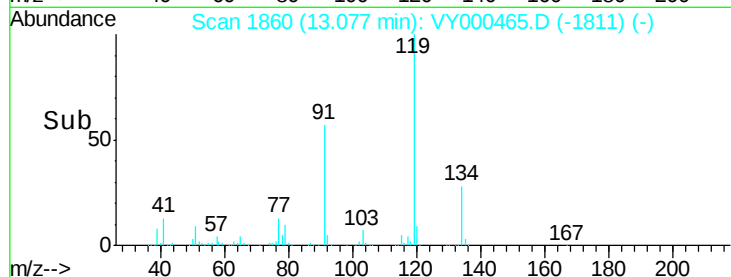
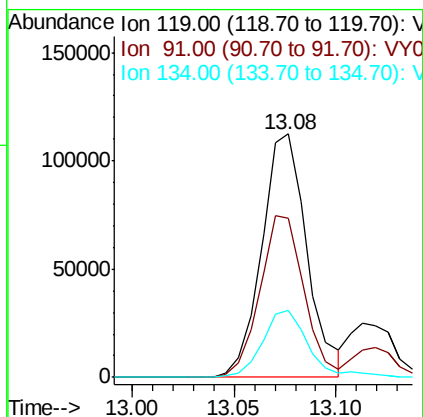
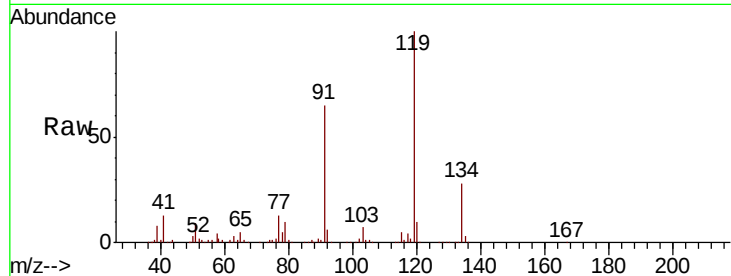
#83
tert-Butylbenzene
Concen: 20.157 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	173387		
91	64.9		32.9	98.7
134	28.0		13.3	39.8

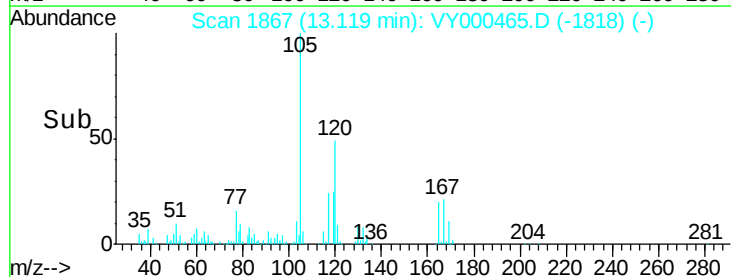
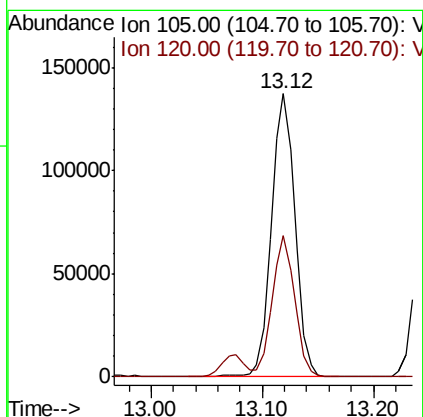
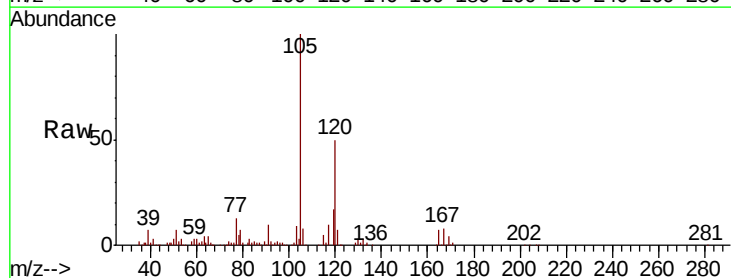
Manual Integrations
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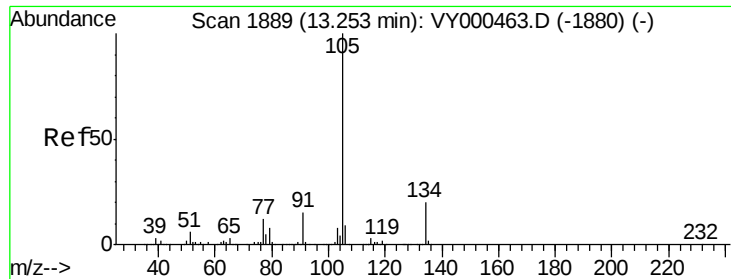
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#84
1,2,4-Trimethylbenzene
Concen: 20.205 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202551		
120	47.6		22.9	68.8





#85

sec-Butylbenzene

Concen: 20.610 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tot Ion:105 Resp: 256463

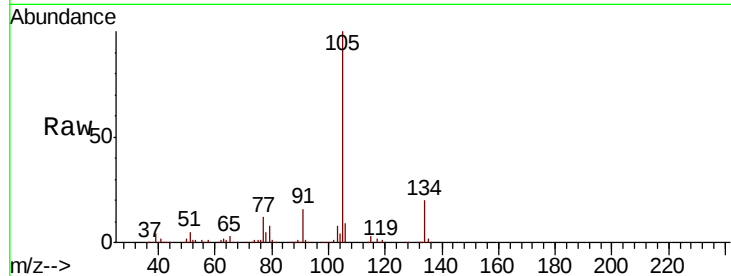
Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1

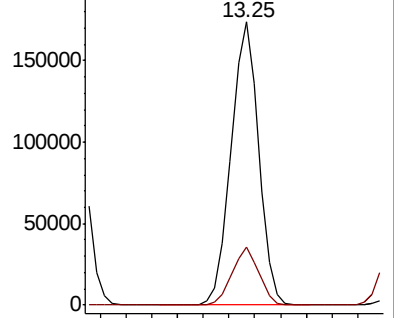
Manual Integrations
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MMDadoda
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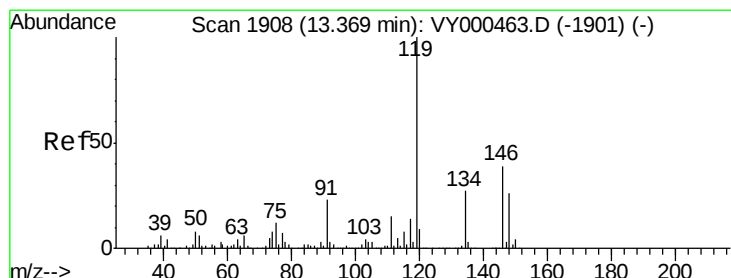
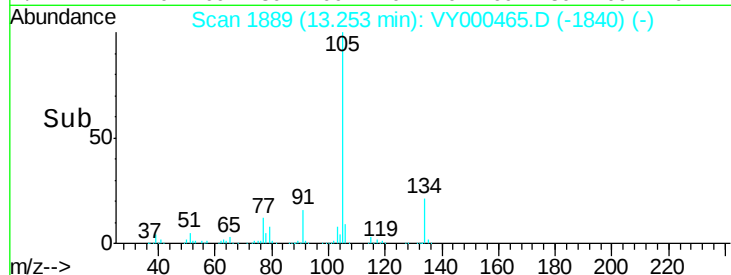


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.734 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000465.D

Acq: 29 Oct 2019 11:38

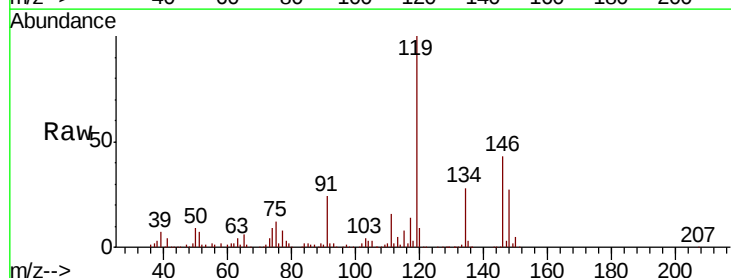
Tgt Ion:119 Resp: 224933

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

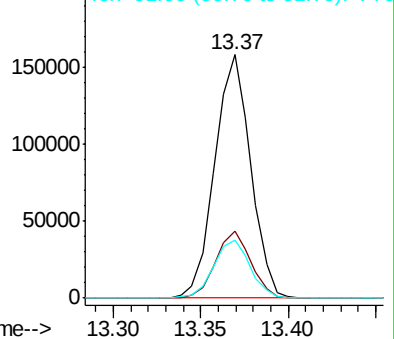
91 24.3 12.0 36.1



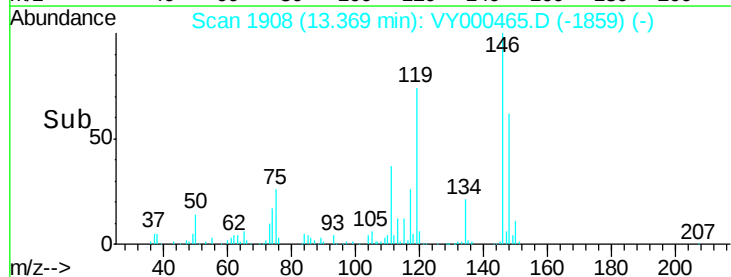
Abundance Ion 119.00 (118.70 to 119.70): V

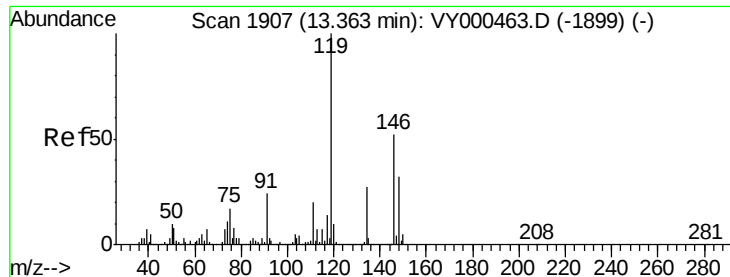
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





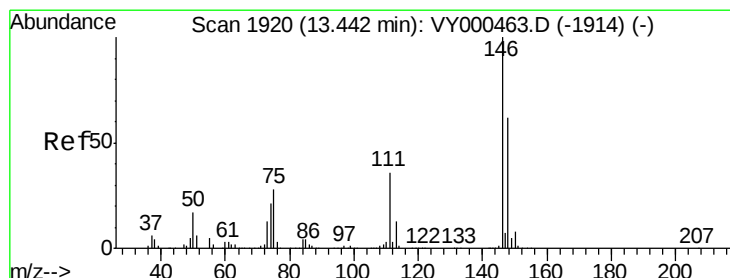
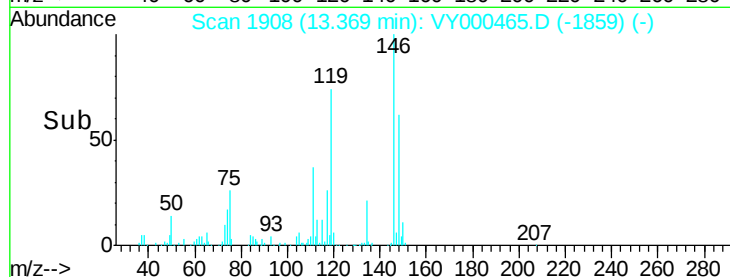
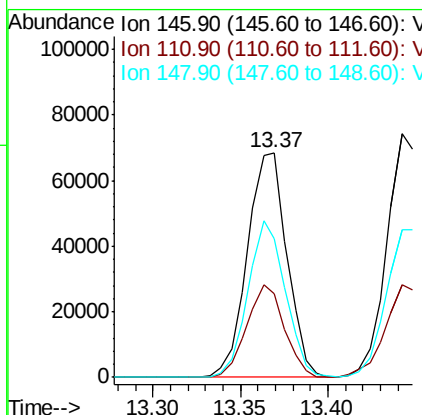
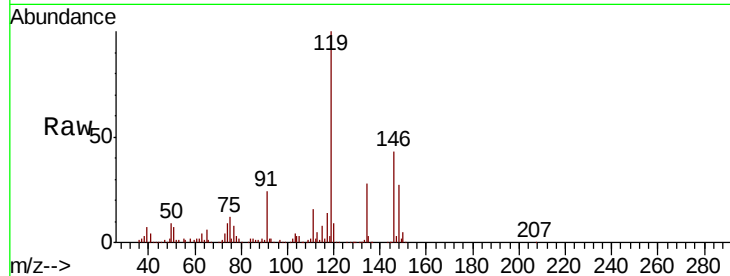
#87
 1,3-Dichlorobenzene
 Concen: 20.262 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	107612		
111	39.6	20.6	61.8	
148	66.1	31.9	95.5	

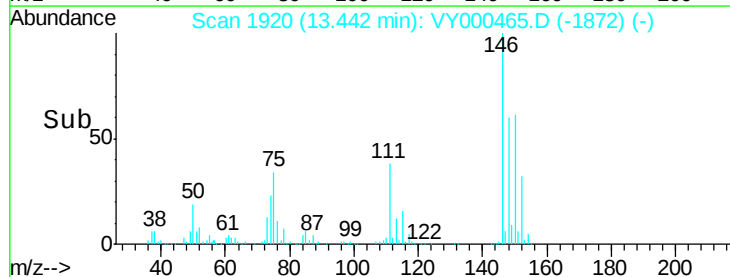
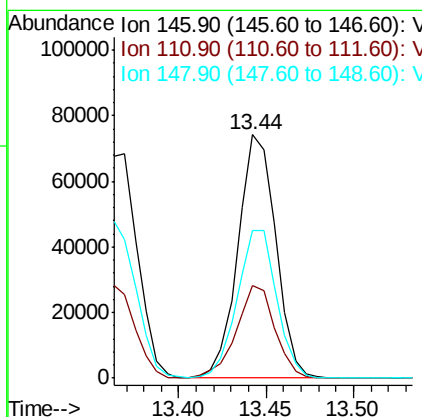
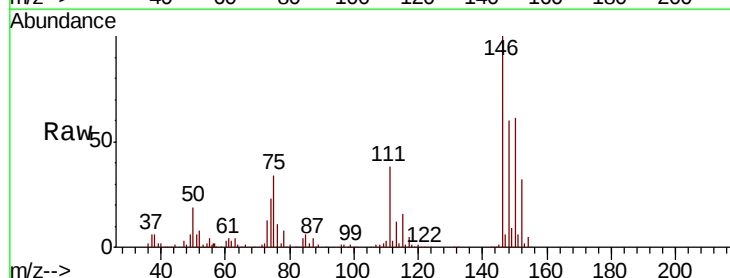
Manual Integrations
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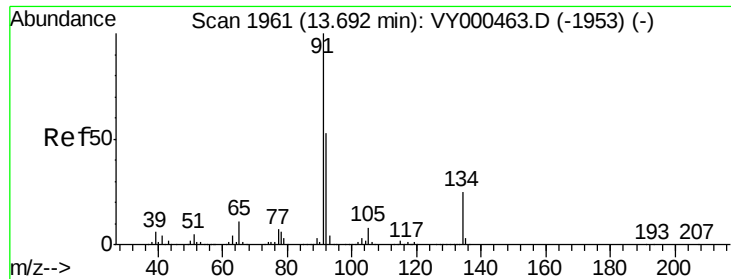
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 10/30/2019 10:59:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.052 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111750		
111	39.0	20.1	60.2	
148	63.1	32.4	97.2	





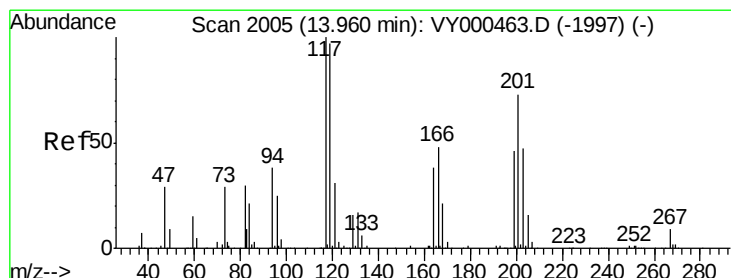
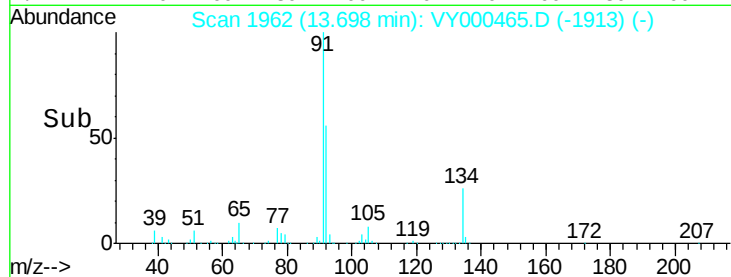
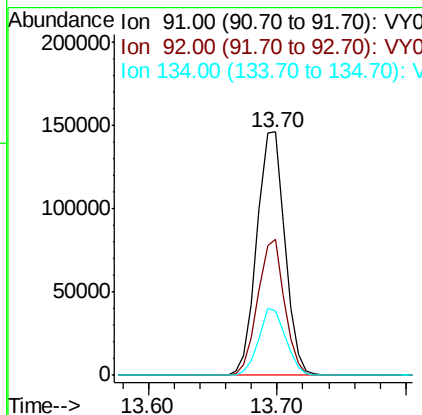
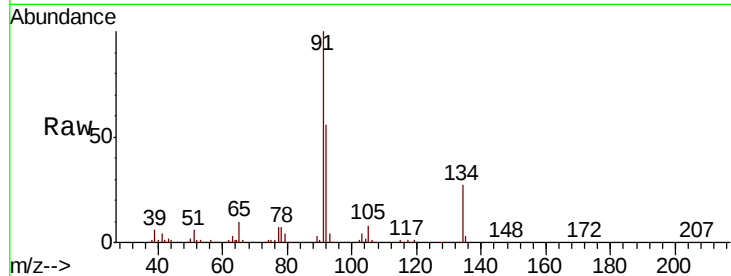
#89
n-Butylbenzene
Concen: 20.412 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	26.7	80.1	
134	26.5	13.0	38.9	

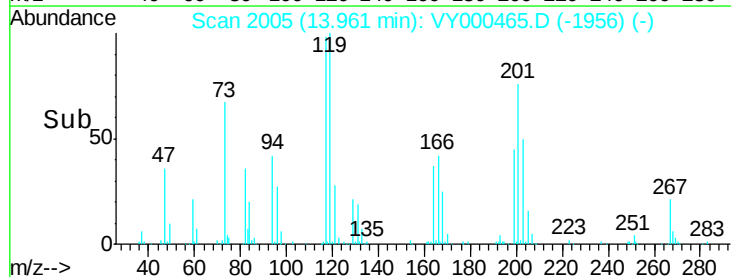
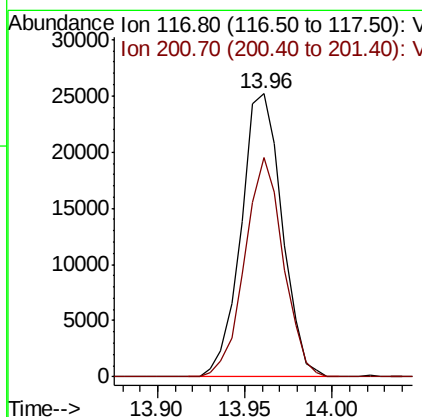
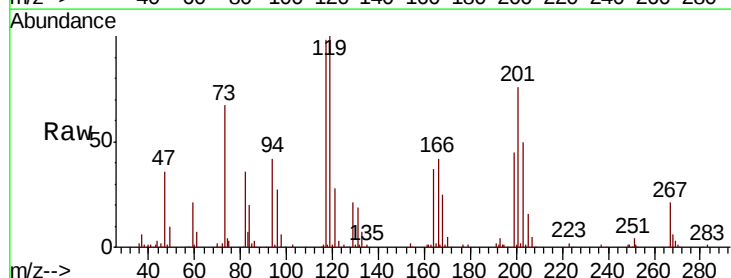
Manual Integrations
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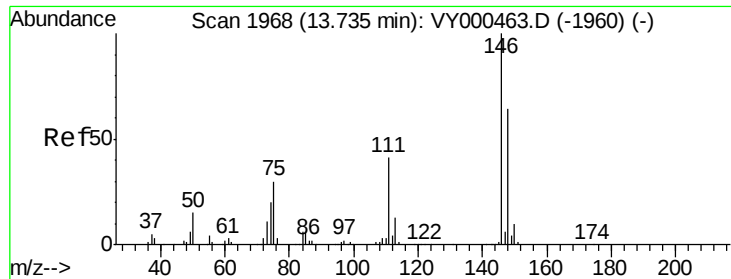
MMDadoda
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#90
Hexachloroethane
Concen: 20.408 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	73.0	36.3	108.7	





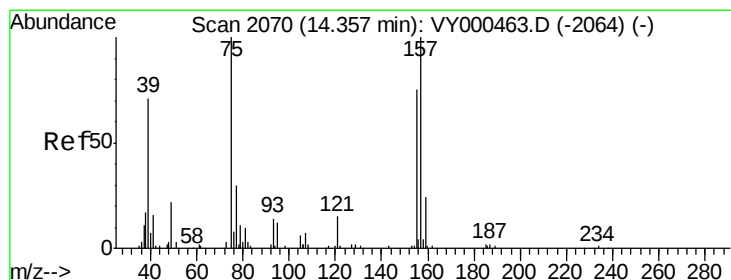
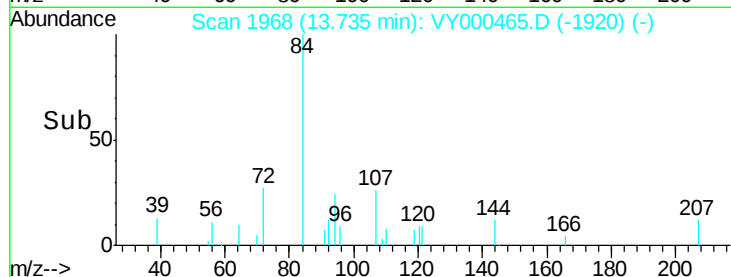
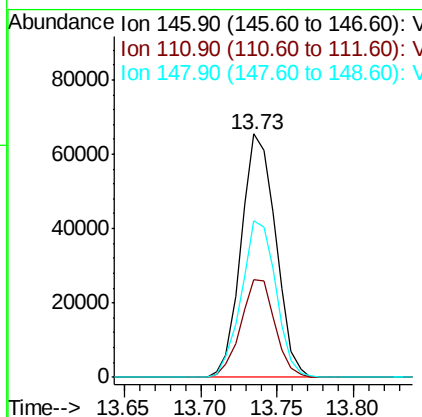
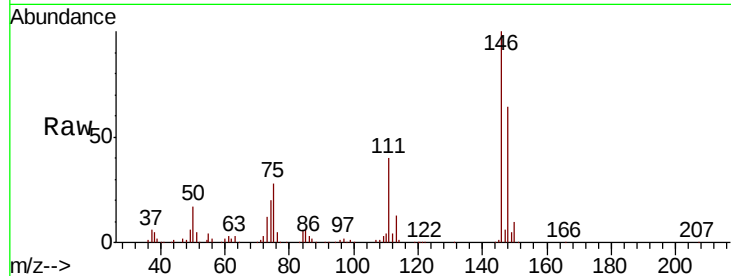
#91
 1,2-Dichlorobenzene
 Concen: 21.348 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.5	61.5
148	64.3	31.6	95.0

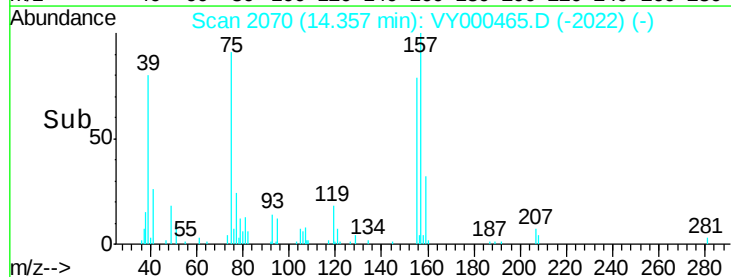
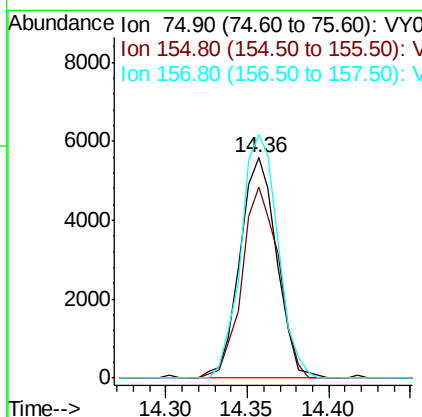
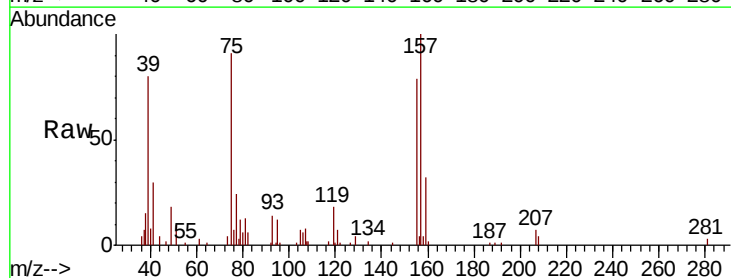
Manual Integrations
 APPROVED

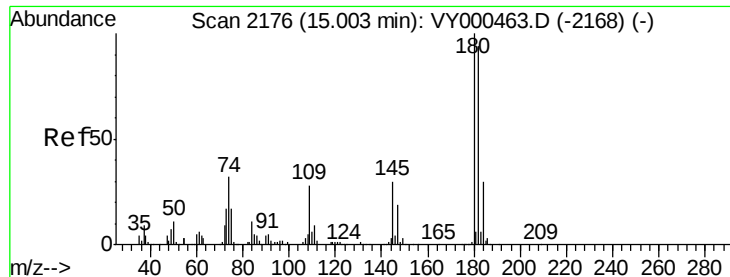
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 10/30/2019 10:59:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.406 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	45.8	137.3
157	110.8	55.6	166.9





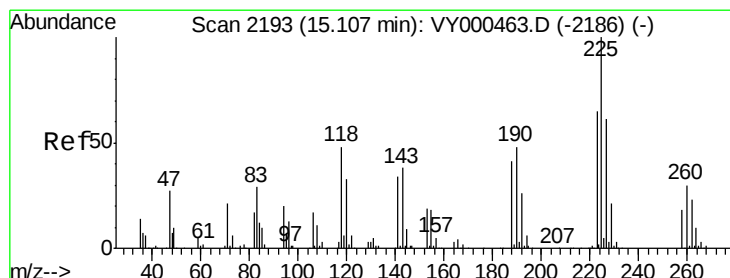
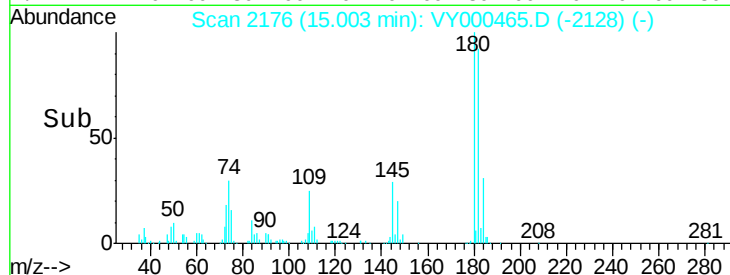
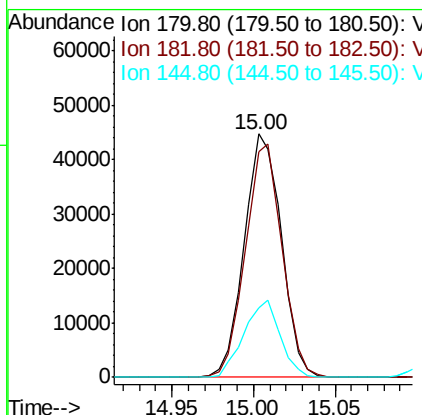
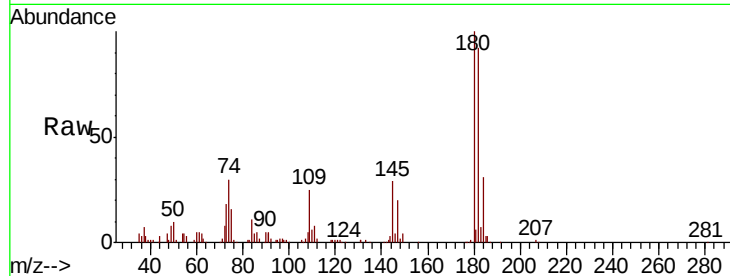
#93
 1,2,4-Trichlorobenzene
 Concen: 21.219 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	30.8	15.4	46.1

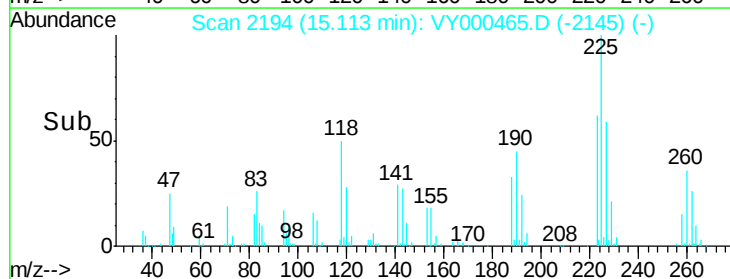
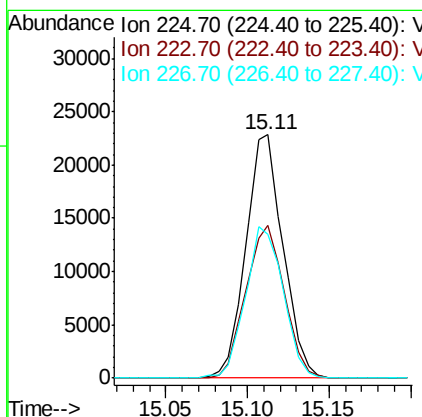
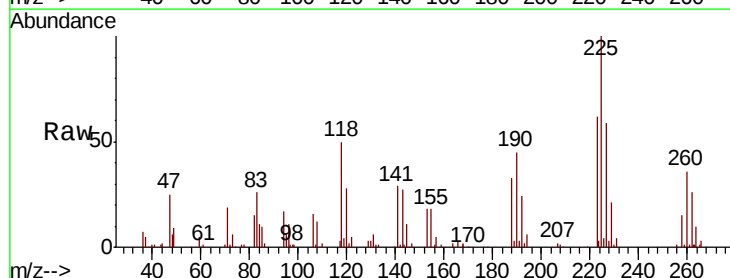
Manual Integrations
 APPROVED

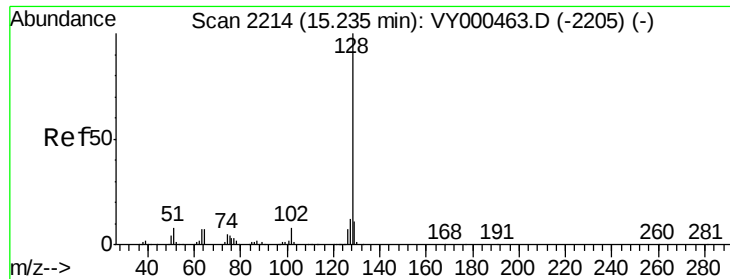
MMDadoda
 10/30/2019 10:59:48 AM



#94
 Hexachlorobutadiene
 Concen: 19.978 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000465.D
 Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.9	95.7
227	63.3	31.4	94.2





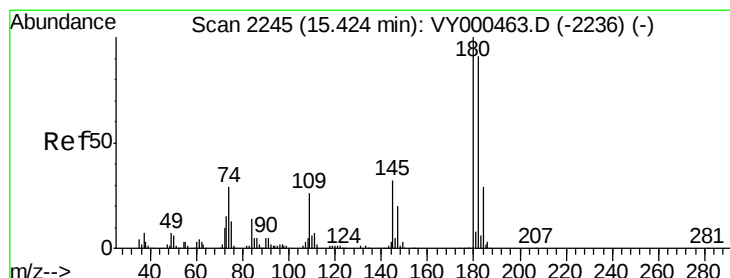
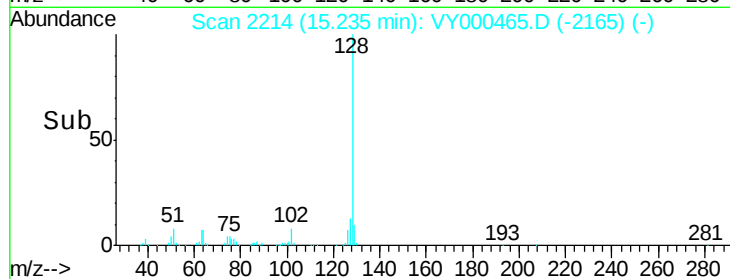
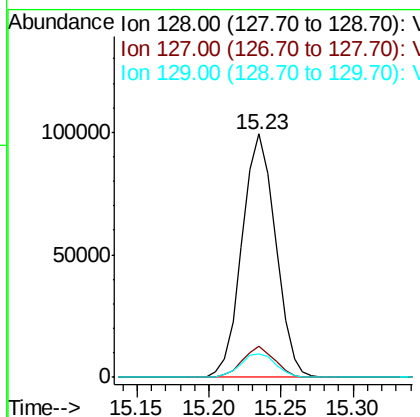
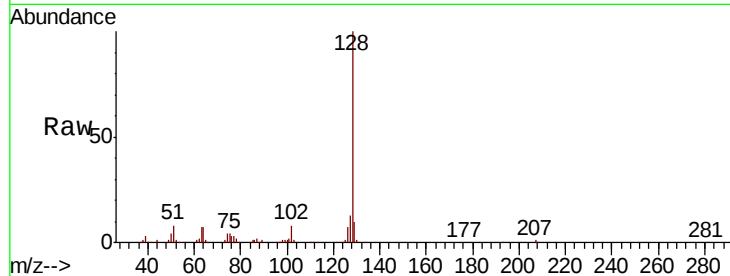
#95
Naphthalene
Concen: 21.480 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.1	9.6	14.4
129	10.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:59:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.977 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000465.D
Acq: 29 Oct 2019 11:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.5	46.5	139.5
145	32.0	16.2	48.5

