

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000764.D
 Acq On : 21 Nov 2019 13:52
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:08 AM

Quant Time: Nov 22 03:49:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	335702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	587278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	523945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	170716	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.72	113	162310	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.18	98	675587	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.48	95	239000	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	60151	18.202	ug/l	99
3) Chloromethane	2.11	50	80788	17.747	ug/l	98
4) Vinyl Chloride	2.25	62	80550	19.054	ug/l	97
5) Bromomethane	2.65	94	51146	20.176	ug/l	97
6) Chloroethane	2.79	64	52717	19.925	ug/l	95
7) Trichlorofluoromethane	3.13	101	118547	20.765	ug/l	91
8) Diethyl Ether	3.54	74	46626	22.985	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	75792	21.959	ug/l	94
10) Methyl Iodide	4.09	142	86404	21.001	ug/l	98
11) Tert butyl alcohol	4.97	59	32803	96.999	ug/l	97
12) 1,1-Dichloroethene	3.88	96	75922	22.641	ug/l	92
13) Acrolein	3.73	56	23724	80.537	ug/l	97
14) Allyl chloride	4.48	41	125765	23.065	ug/l	95
15) Acrylonitrile	5.17	53	119364	114.866	ug/l	100
16) Acetone	3.96	43	86879	90.736	ug/l	96
17) Carbon Disulfide	4.19	76	218414	20.651	ug/l	98
18) Methyl Acetate	4.48	43	63490	21.326	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	204294	21.912	ug/l	97
20) Methylene Chloride	4.72	84	91054	22.193	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	81860	21.593	ug/l	94
22) Diisopropyl ether	6.12	45	270525	22.826	ug/l	92
23) Vinyl Acetate	6.07	43	834447	111.537	ug/l	95
24) 1,1-Dichloroethane	6.02	63	149088	23.221	ug/l	99
25) 2-Butanone	6.99	43	150722	98.634	ug/l	97
26) 2,2-Dichloropropane	6.99	77	126688	21.592	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	96135	23.191	ug/l	97
28) Bromochloromethane	7.34	49	36179	15.437	ug/l	98
29) Tetrahydrofuran	7.35	42	101528	108.605	ug/l	98
30) Chloroform	7.51	83	150044	23.101	ug/l	90
31) Cyclohexane	7.78	56	147447	21.926	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	121458	20.982	ug/l	98
36) 1,1-Dichloropropene	7.92	75	116584	20.999	ug/l	100
37) Ethyl Acetate	7.08	43	67099	20.357	ug/l #	94
38) Carbon Tetrachloride	7.91	117	107495	20.122	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149401	20.830	ug/l	99
40) Benzene	8.16	78	342753	21.058	ug/l	96
41) Methacrylonitrile	7.33	41	34281m	18.643	ug/l	
42) 1,2-Dichloroethane	8.24	62	90634	19.633	ug/l	99
43) Isopropyl Acetate	8.28	43	127970	20.668	ug/l	99
44) Trichloroethene	8.94	130	89148	20.773	ug/l	99
45) 1,2-Dichloropropane	9.22	63	89603	22.367	ug/l	92
46) Dibromomethane	9.30	93	43749	19.857	ug/l	97
47) Bromodichloromethane	9.50	83	108577	20.770	ug/l	99
48) Methyl methacrylate	9.29	41	54537	20.159	ug/l	96
49) 1,4-Dioxane	9.30	88	11697	394.488	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	334009	101.460	ug/l	96
52) Toluene	10.24	92	215120	20.904	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	116348	20.830	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	134094	20.956	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	67101	21.057	ug/l	97
56) Ethyl methacrylate	10.51	69	98045	21.708	ug/l	90
57) 1,3-Dichloropropane	10.79	76	119830	21.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	228065	111.696	ug/l	98
59) 2-Hexanone	10.83	43	227999	95.056	ug/l	95
60) Dibromochloromethane	10.98	129	71662	19.633	ug/l	97
61) 1,2-Dibromoethane	11.09	107	64569	21.074	ug/l	97
64) Tetrachloroethene	10.72	164	93128	21.496	ug/l	94
65) Chlorobenzene	11.52	112	225572	21.235	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	75022	20.363	ug/l	98
67) Ethyl Benzene	11.59	91	420593	21.513	ug/l	98
68) m/p-Xylenes	11.70	106	313649	41.450	ug/l	96
69) o-Xylene	12.03	106	148868	20.933	ug/l	95
70) Styrene	12.04	104	248711	20.424	ug/l	98
71) Bromoform	12.20	173	41952	19.798	ug/l #	99
73) Isopropylbenzene	12.33	105	401233	22.294	ug/l	99
74) N-amyl acetate	12.14	43	105814	20.529	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	79304	22.254	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	54594m	19.690	ug/l	
77) Bromobenzene	12.60	156	85363	20.916	ug/l	93
78) n-propylbenzene	12.67	91	497525	22.911	ug/l	98
79) 2-Chlorotoluene	12.75	91	266960	22.144	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	338113	22.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27950	22.602	ug/l	93
82) 4-Chlorotoluene	12.85	91	282498	22.606	ug/l	99
83) tert-Butylbenzene	13.07	119	285525	22.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	351452	23.549	ug/l	99
85) sec-Butylbenzene	13.25	105	416537	22.844	ug/l	99
86) p-Isopropyltoluene	13.37	119	357297	21.986	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	171757	21.486	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	171862	21.515	ug/l	99
89) n-Butylbenzene	13.69	91	367150	22.906	ug/l	100
90) Hexachloroethane	13.95	117	65870	21.925	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	158647	21.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12417	19.689	ug/l	95

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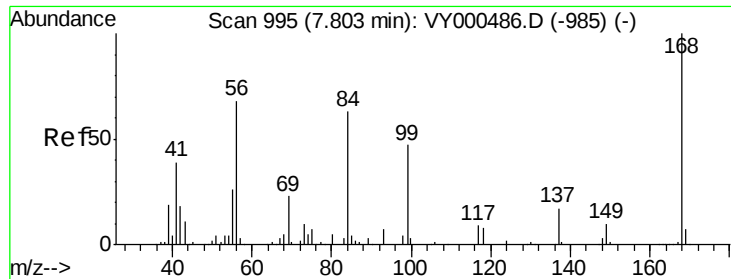
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	108178	21.905	ug/l	97
94) Hexachlorobutadiene	15.11	225	54201	21.291	ug/l	96
95) Naphthalene	15.23	128	247022	22.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	95842	21.632	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion:168 Resp: 335702

Ion Ratio Lower Upper

168 100

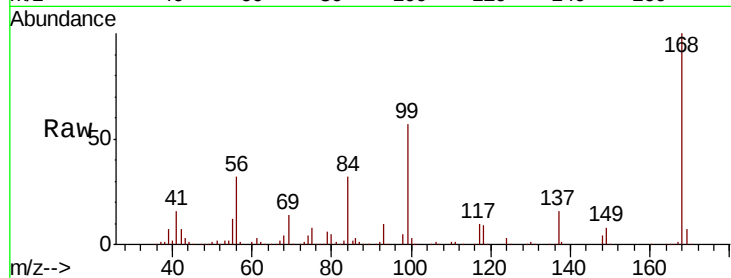
99 57.1 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

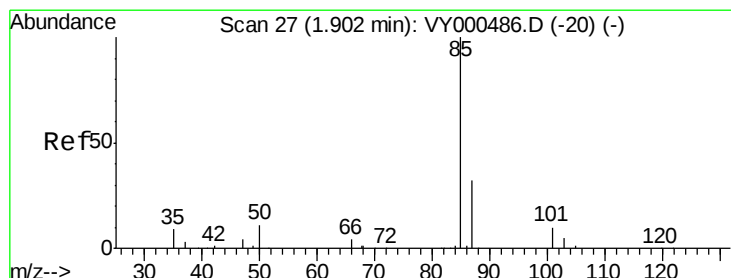
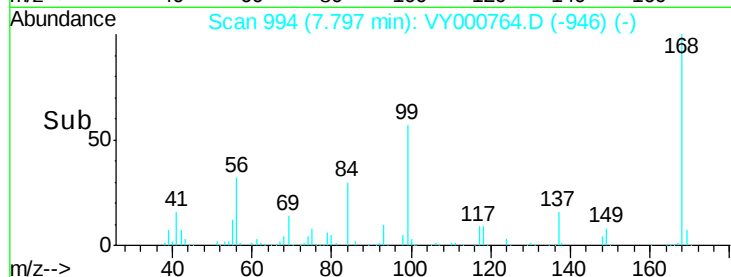
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.202 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000764.D

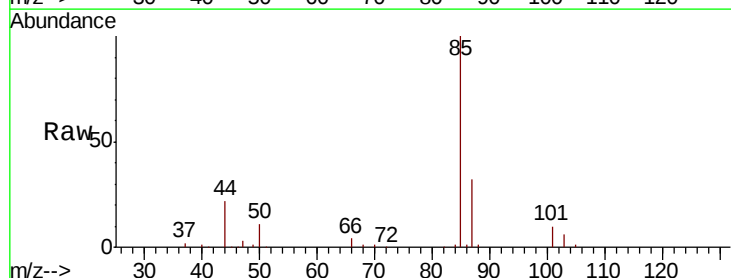
Acq: 21 Nov 2019 13:52

Tgt Ion: 85 Resp: 60151

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

40000

30000

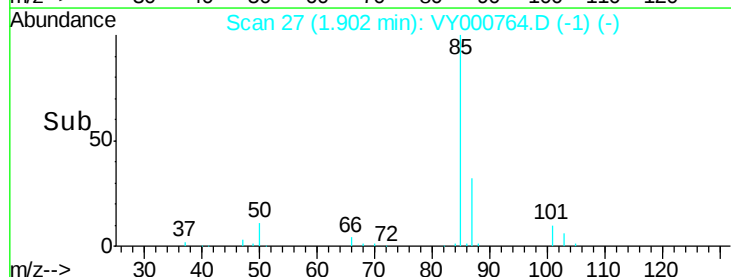
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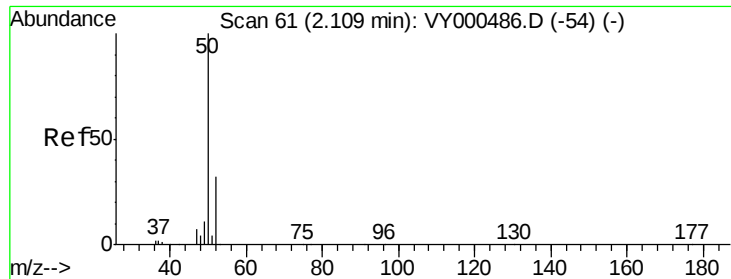
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.747 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 50 Resp: 80788

Ion Ratio Lower Upper

50 100

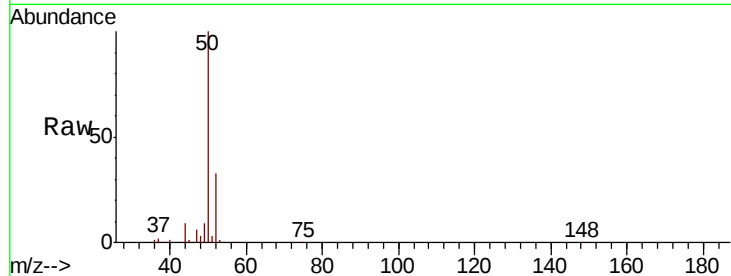
52 32.6 25.2 37.8

Manual Integrations

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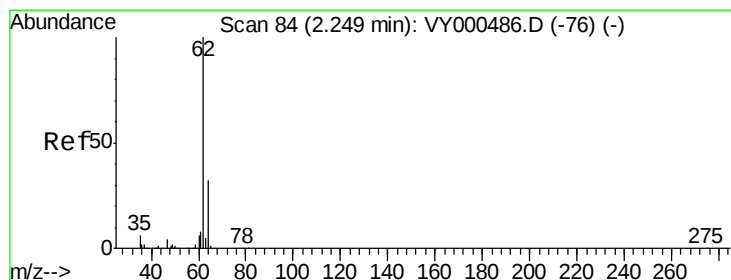
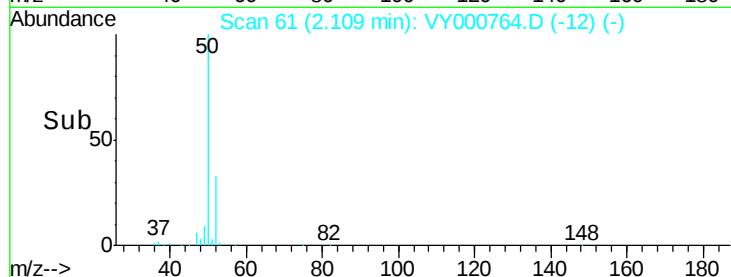
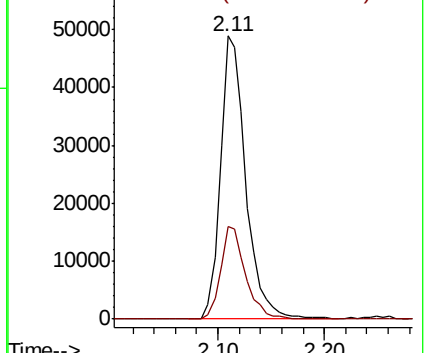
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.054 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000764.D

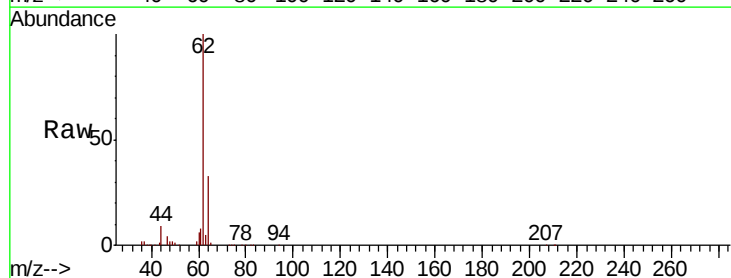
Acq: 21 Nov 2019 13:52

Tgt Ion: 62 Resp: 80550

Ion Ratio Lower Upper

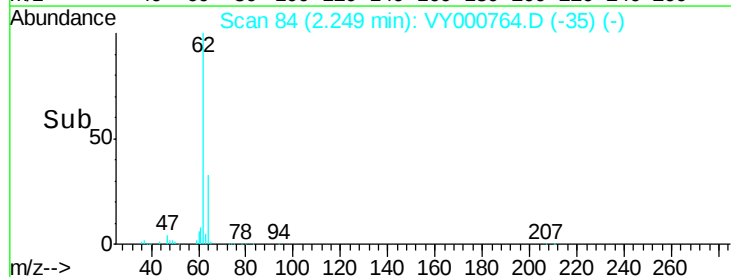
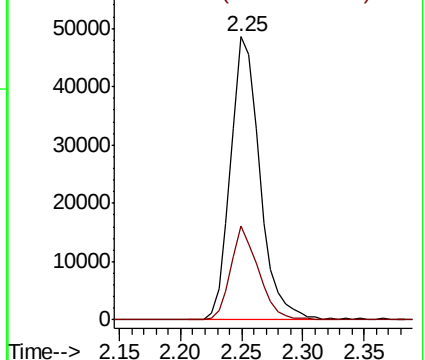
62 100

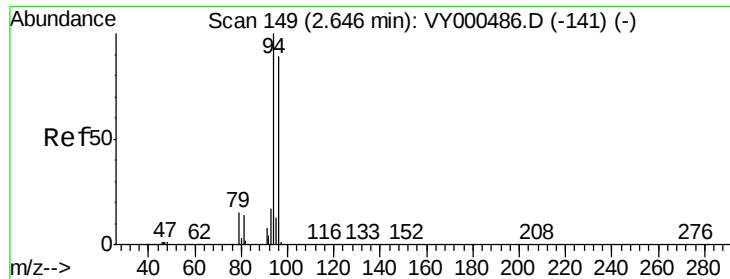
64 33.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.176 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 94 Resp: 51146

Ion Ratio Lower Upper

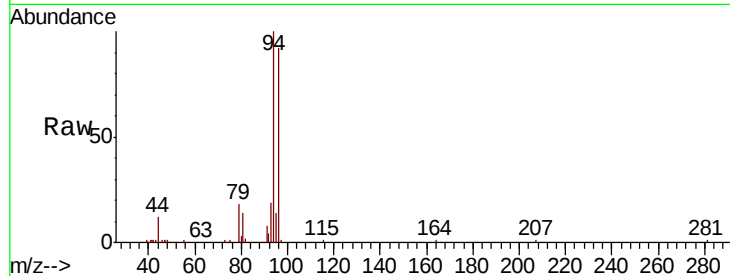
94 100

96 91.6 71.2 106.8

Manual Integrations
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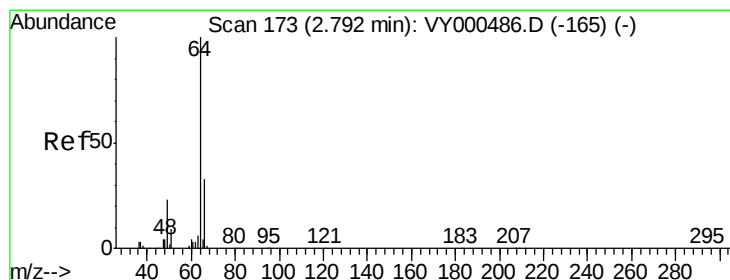
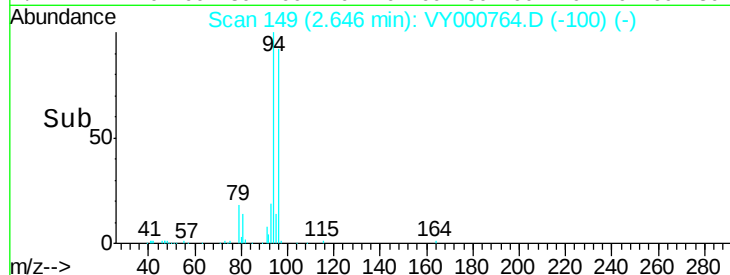
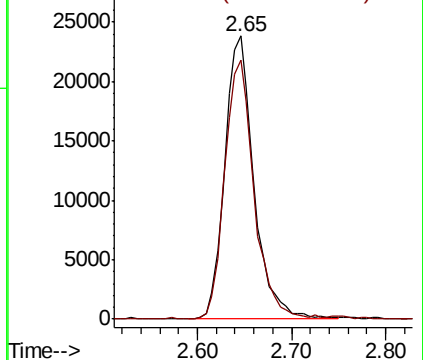
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.925 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000764.D

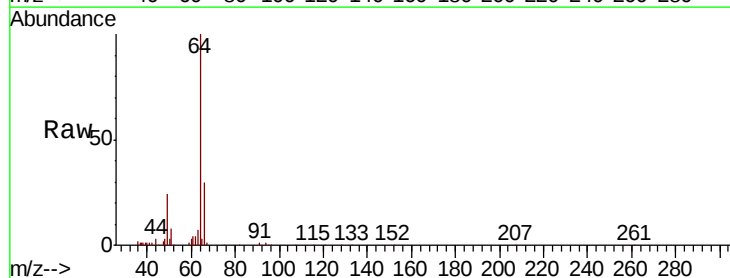
Acq: 21 Nov 2019 13:52

Tgt Ion: 64 Resp: 52717

Ion Ratio Lower Upper

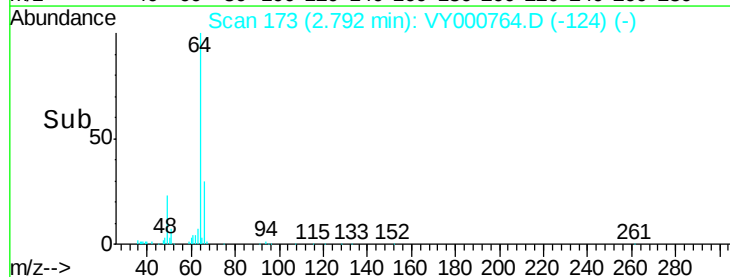
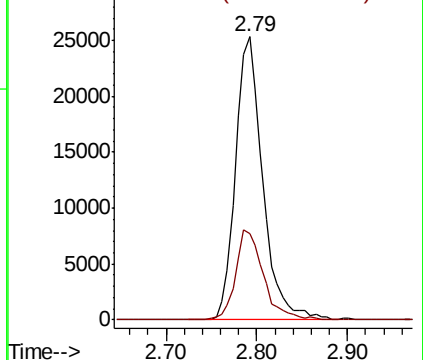
64 100

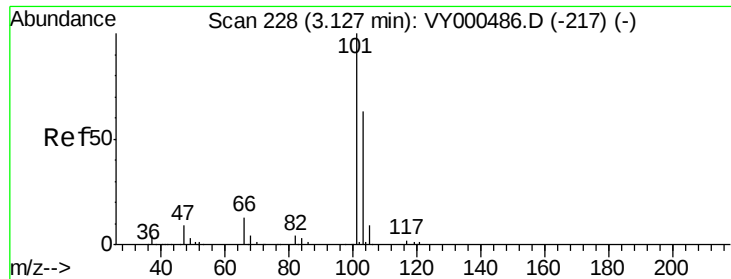
66 30.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

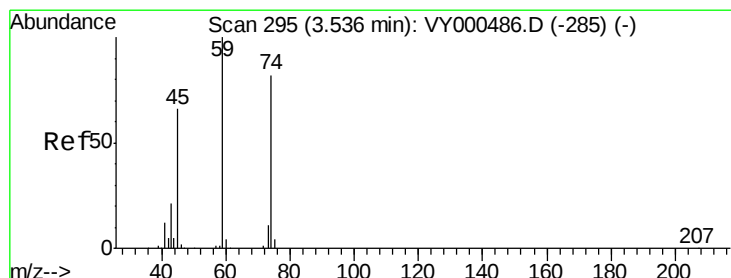
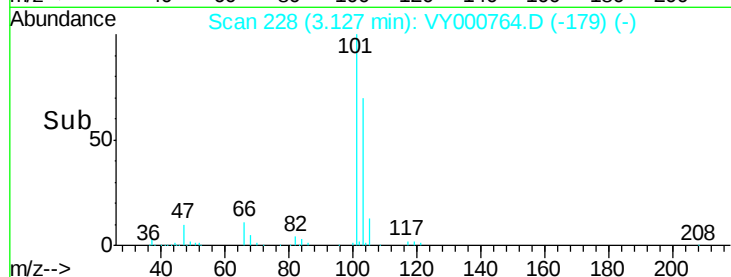
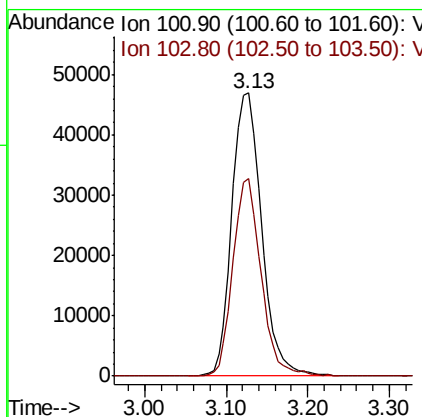
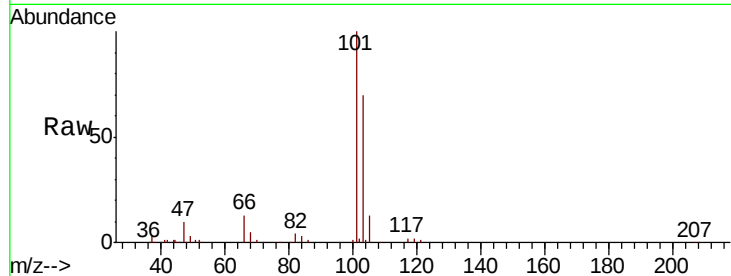
Trichlorofluoromethane
 Concen: 20.765 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.7	50.5	75.7

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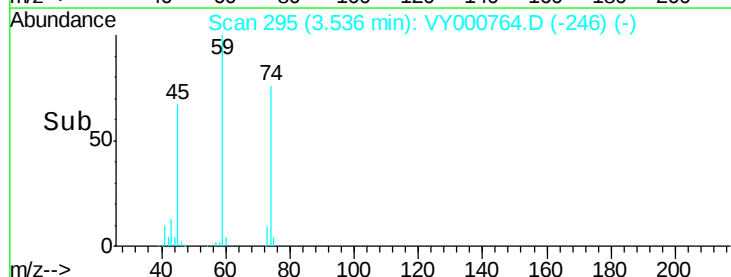
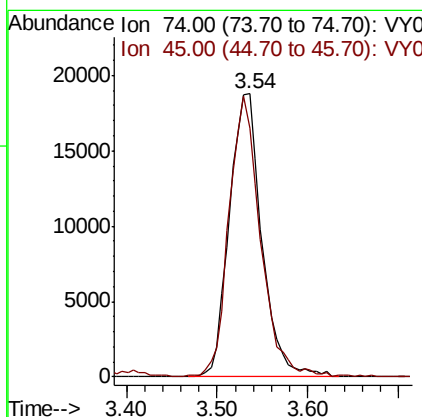
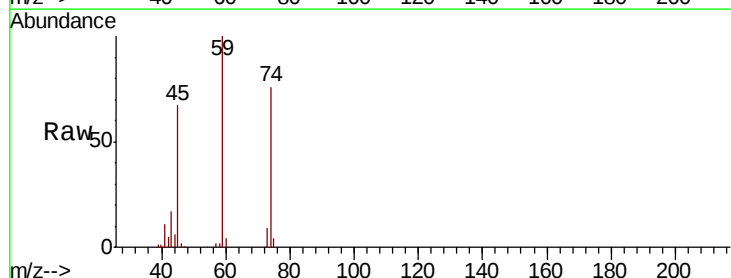
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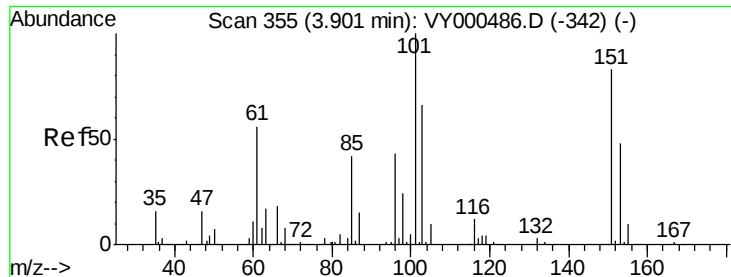


#8

Diethyl Ether
 Concen: 22.985 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	45.5	136.4





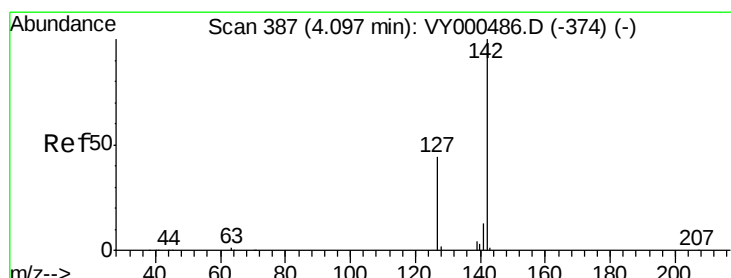
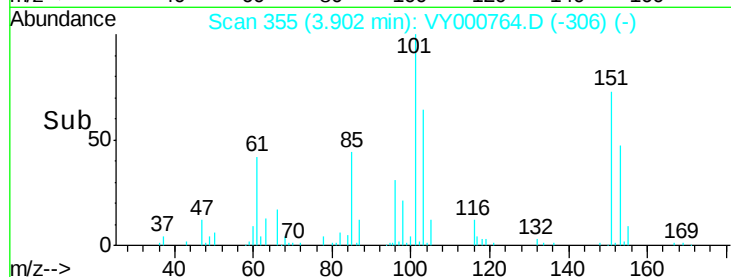
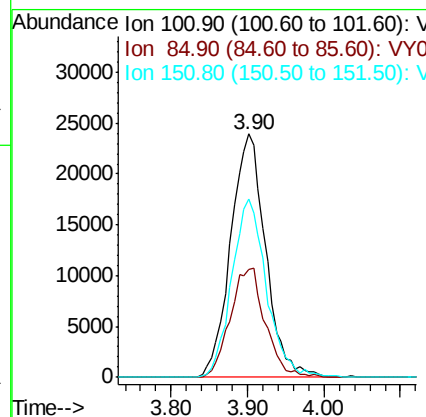
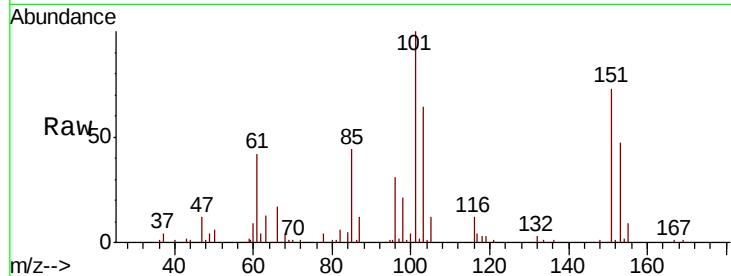
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.959 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.1	36.7	55.1
151	72.8	64.3	96.5

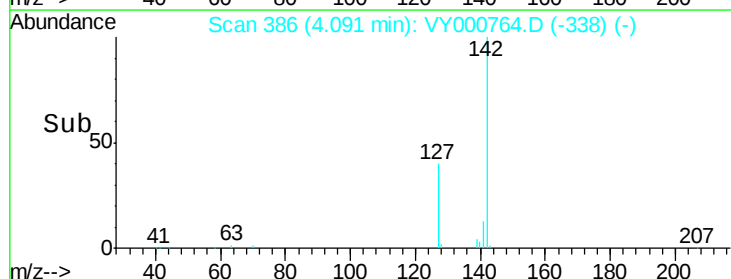
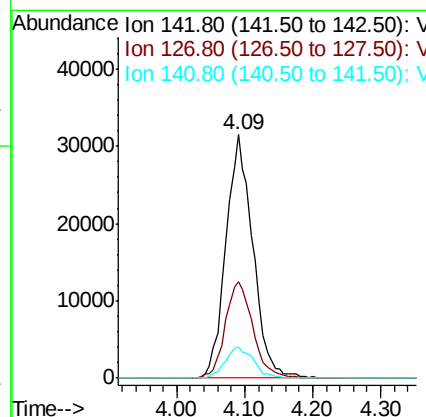
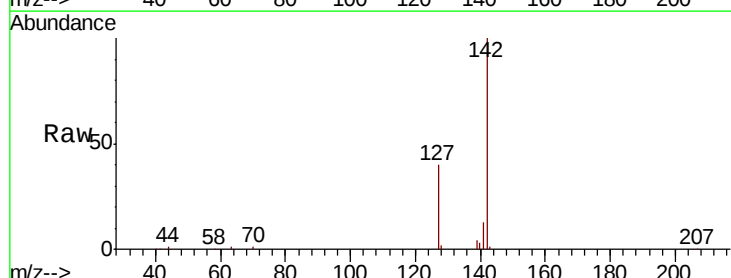
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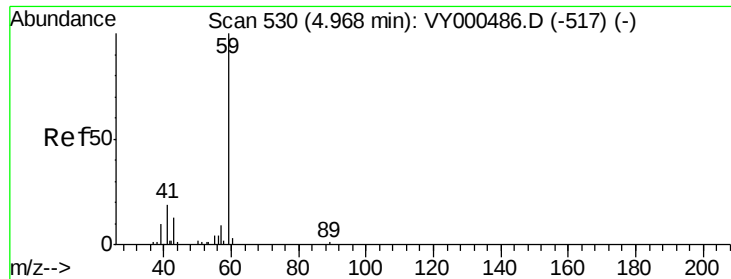
MMDadoda
 11/23/2019 6:11:08 AM



#10
 Methyl Iodide
 Concen: 21.001 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.3	33.7	50.5
141	13.2	10.9	16.3





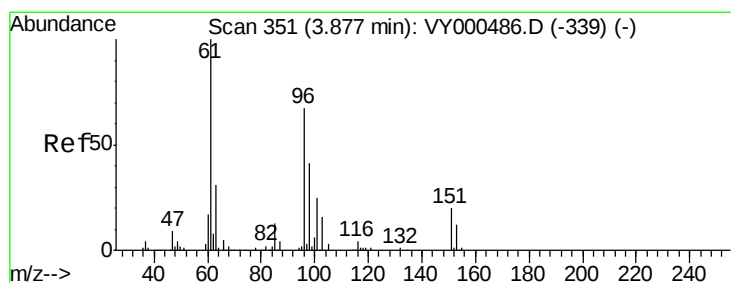
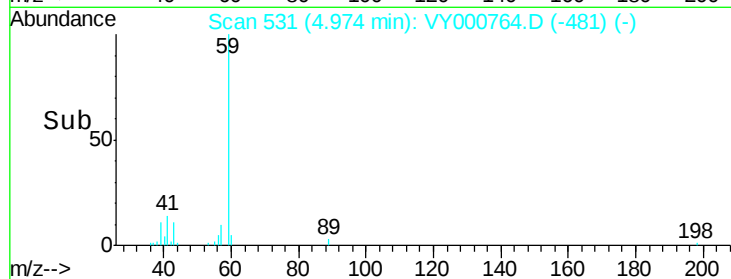
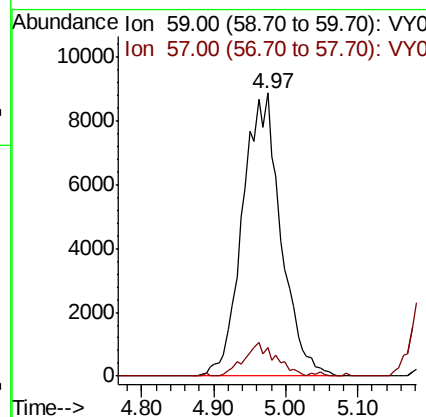
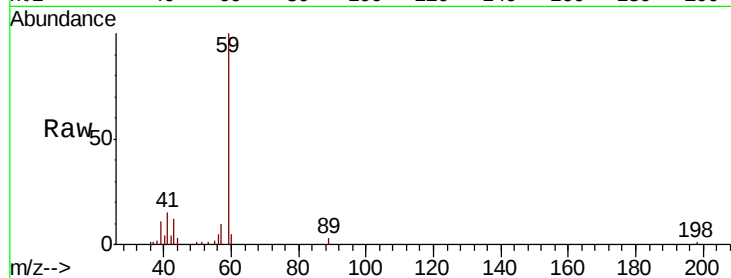
#11
Tert butyl alcohol
Concen: 96.999 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	59	Resp	32803
Ion Ratio	100	Lower	Upper
57	9.7	8.6	12.8

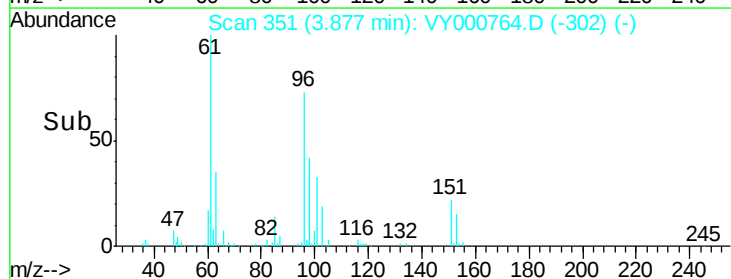
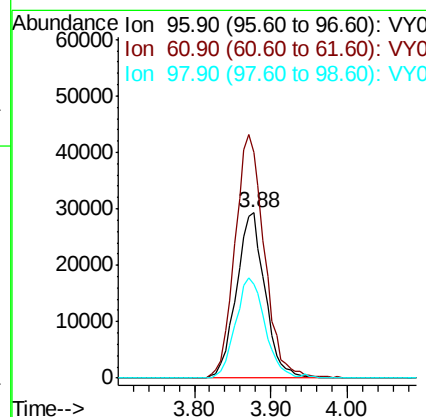
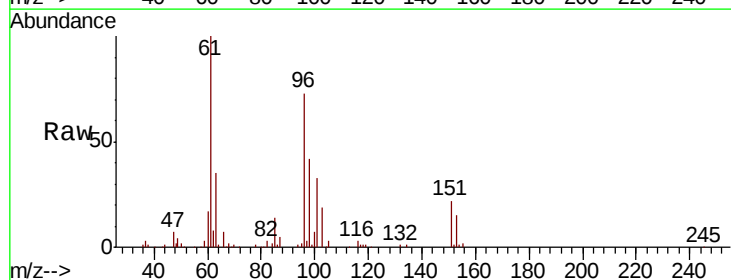
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MMDadoda
11/23/2019 6:11:08 AM



#12
1,1-Dichloroethene
Concen: 22.641 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	96	Resp	75922
Ion Ratio	100	Lower	Upper
61	136.9	119.2	178.8
98	57.1	48.6	73.0





#13

Acrolein

Concen: 80.537 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 56 Resp: 23724

Ion Ratio Lower Upper

56 100

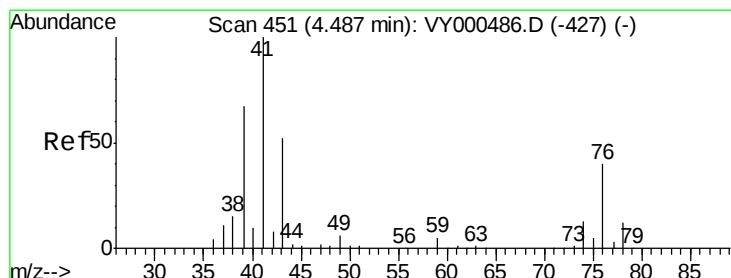
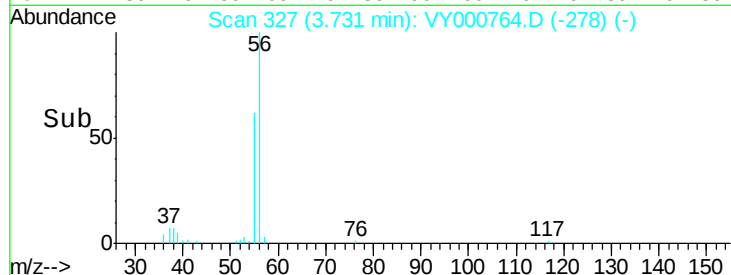
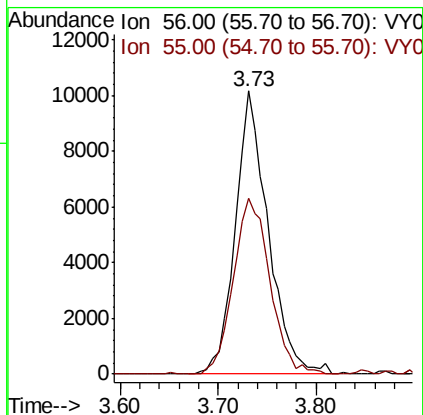
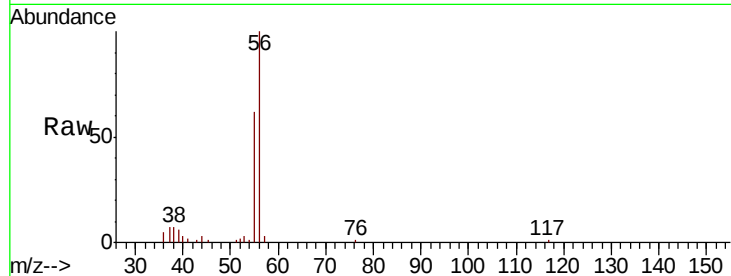
55 68.8 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 23.065 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

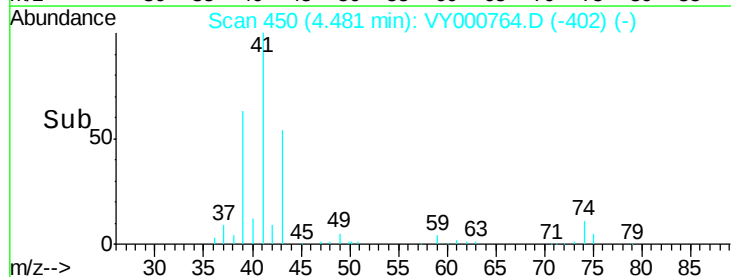
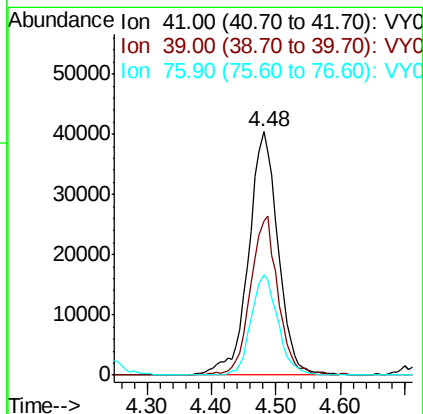
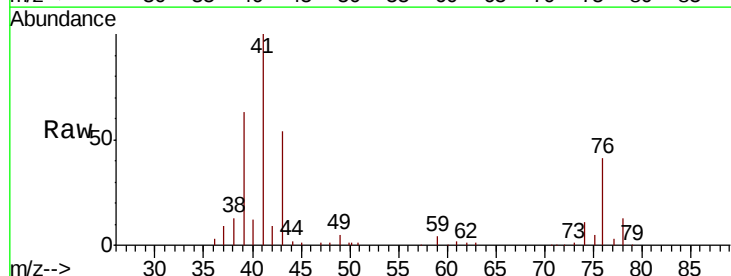
Tgt Ion: 41 Resp: 125765

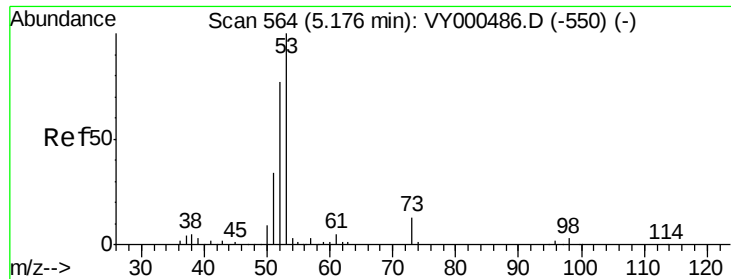
Ion Ratio Lower Upper

41 100

39 61.4 53.6 80.4

76 37.8 29.8 44.6





#15

Acrylonitrile

Concen: 114.866 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

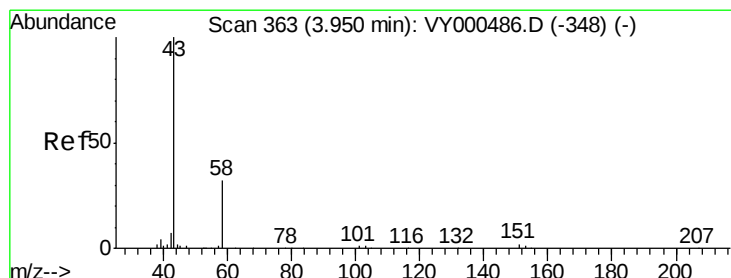
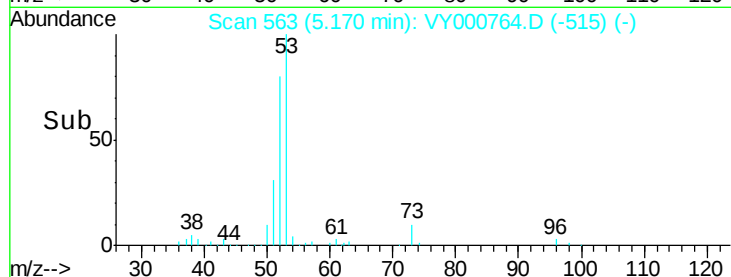
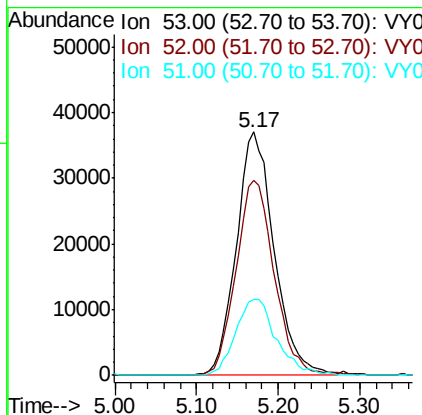
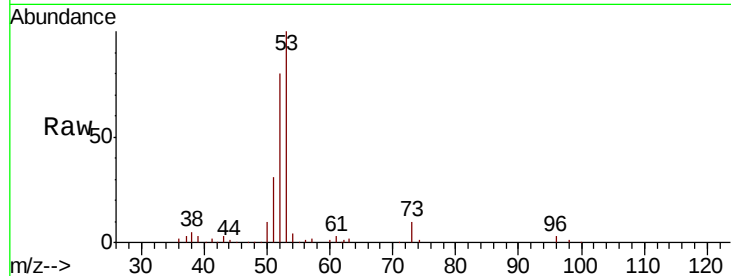
ClientSampleId :

VY1121SBS01

Tot Ion:	53	Resp:	119364
Ion Ratio	Lower	Upper	
53	100		
52	81.3	64.9	97.3
51	34.0	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 90.736 ug/l

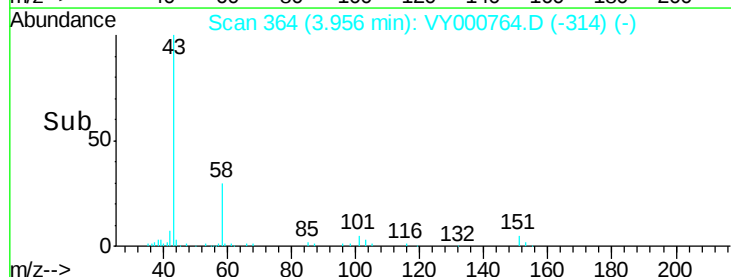
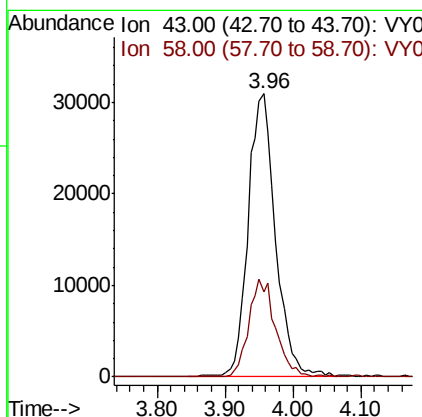
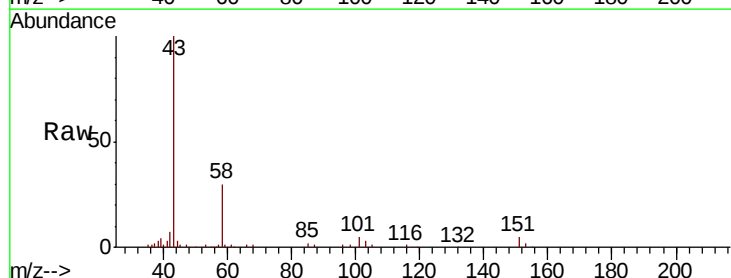
RT: 3.96 min Scan# 364

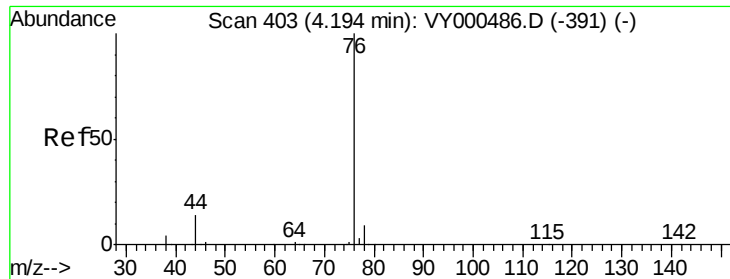
Delta R.T. 0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion:	43	Resp:	86879
Ion Ratio	Lower	Upper	
43	100		
58	30.2	25.8	38.6





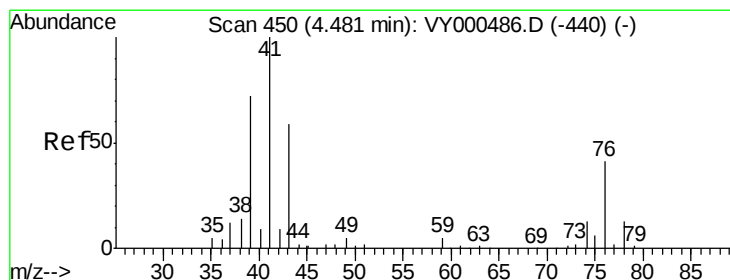
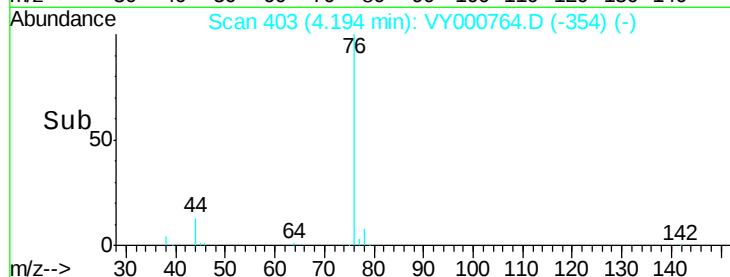
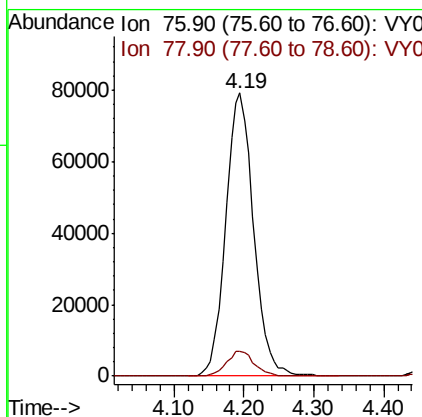
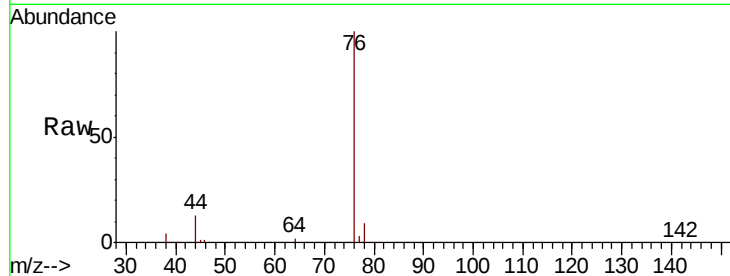
#17
Carbon Disulfide
Concen: 20.651 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

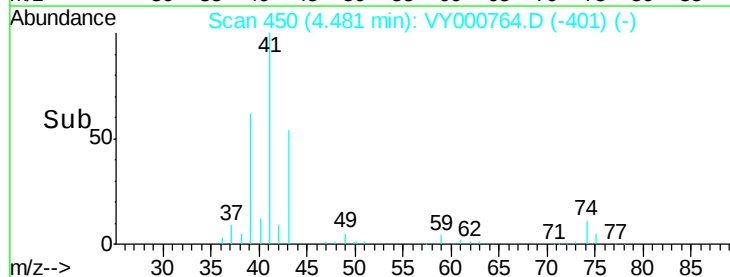
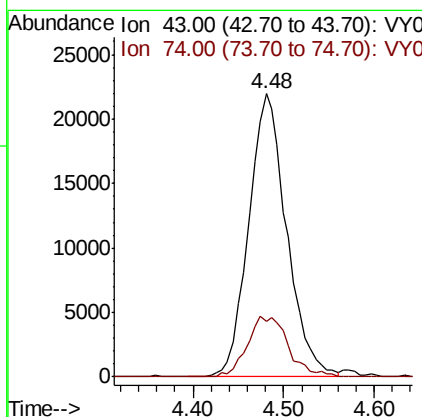
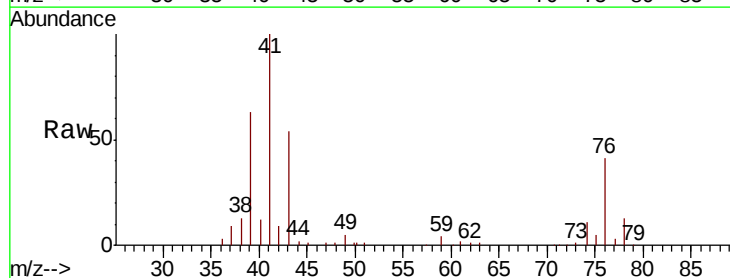
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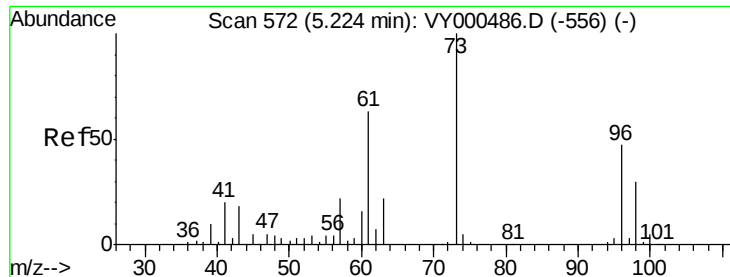
MMDadoda
11/23/2019 6:11:08 AM



#18
Methyl Acetate
Concen: 21.326 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.2	28.8





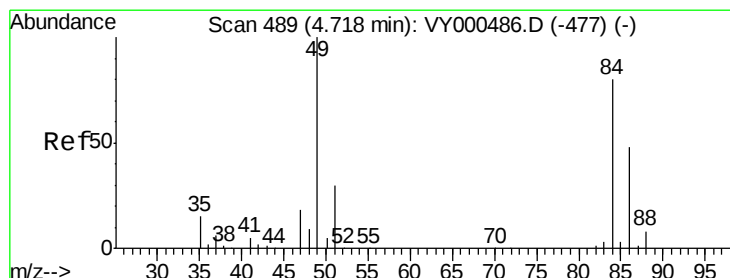
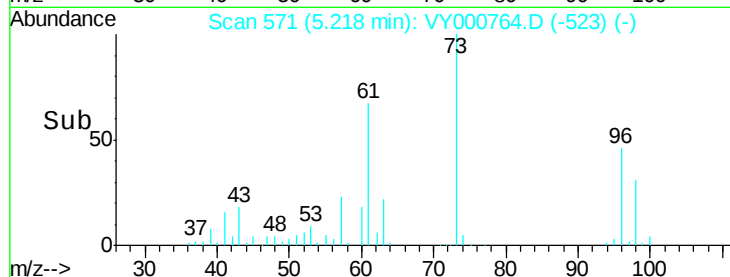
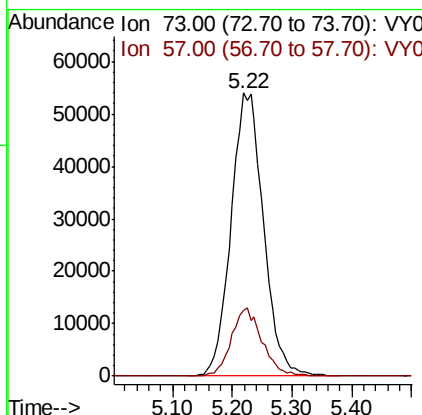
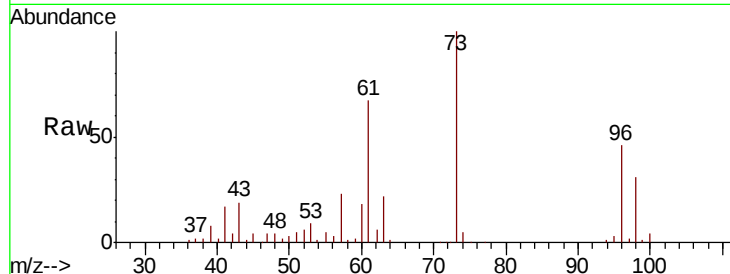
#19
Methvl tert-butvl Ether
Concen: 21.912 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 73 Resp: 204294
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0

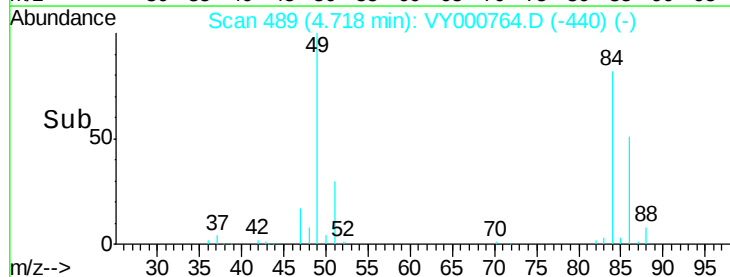
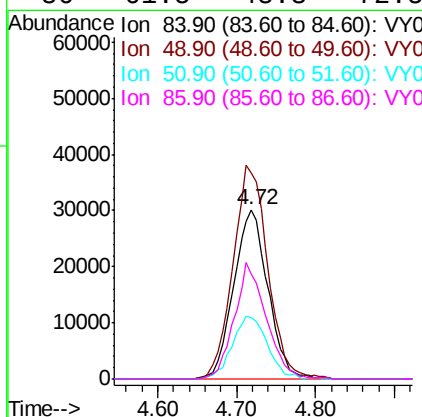
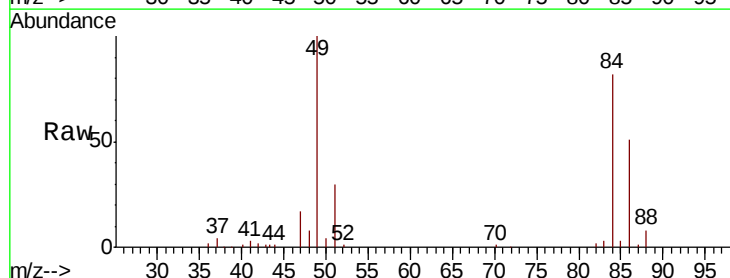
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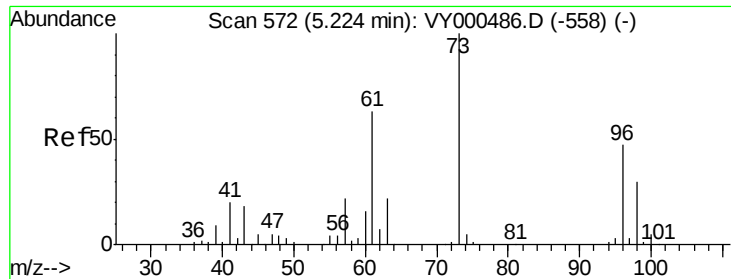
MMDadoda
11/23/2019 6:11:08 AM



#20
Methylene Chloride
Concen: 22.193 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion: 84 Resp: 91054
Ion Ratio Lower Upper
84 100
49 121.5 100.2 150.4
51 36.6 29.6 44.4
86 61.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.593 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

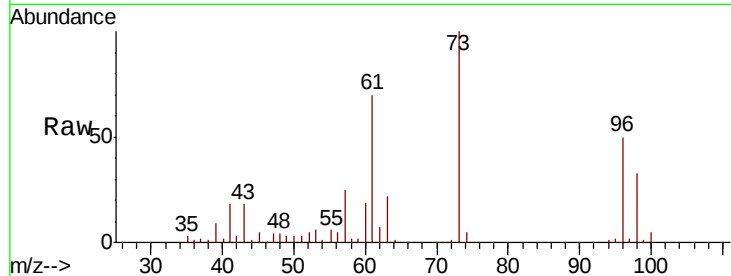
ClientSampleId :

VY1121SBS01

Tot Ion:	96	Resp:	81860
Ion	Ratio	Lower	Upper
96	100		
61	140.8	106.6	160.0
98	66.8	50.6	76.0

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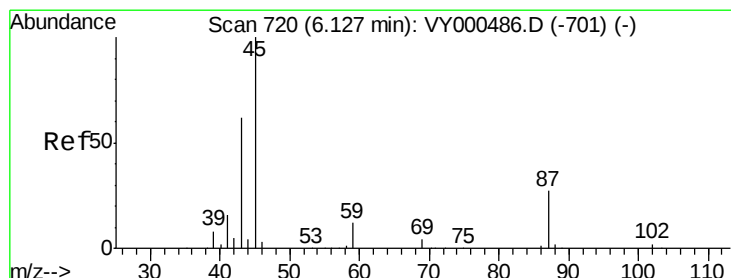
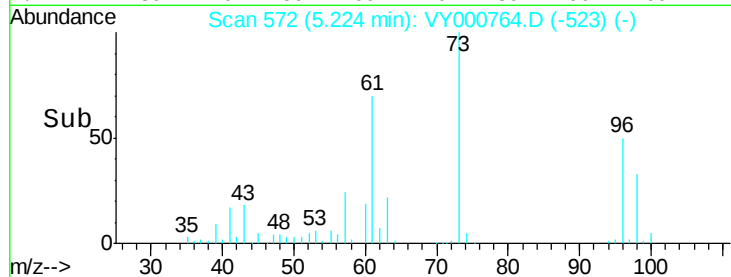
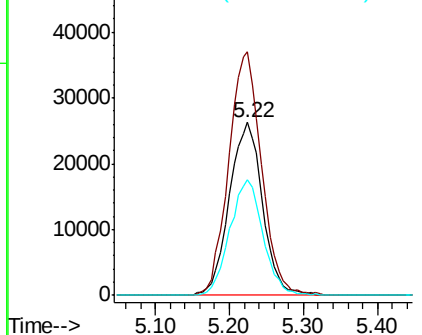


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.826 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion:	45	Resp:	270525
Ion	Ratio	Lower	Upper
45	100		
43	54.5	50.0	75.0
87	23.8	21.6	32.4
59	10.8	9.5	14.3

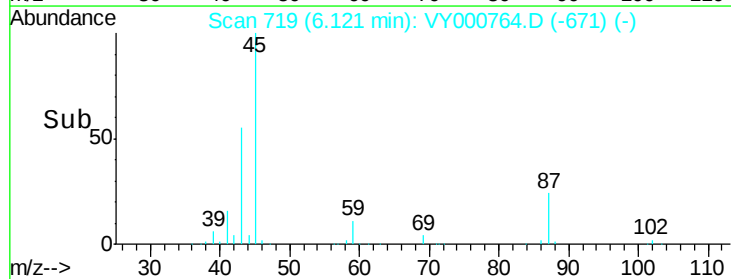
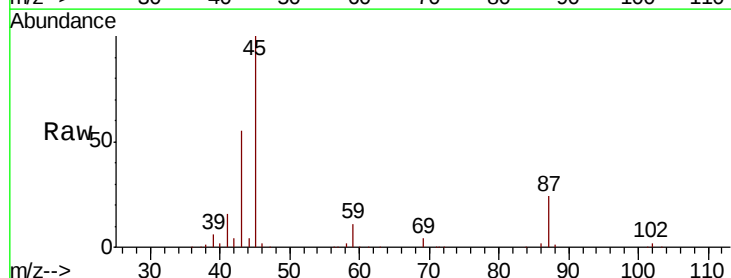
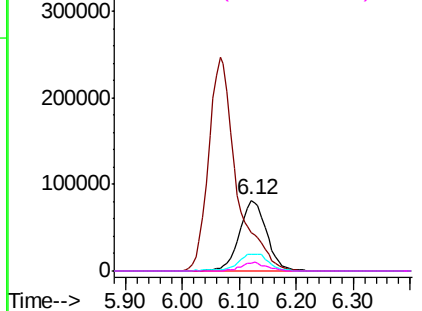
Abundance

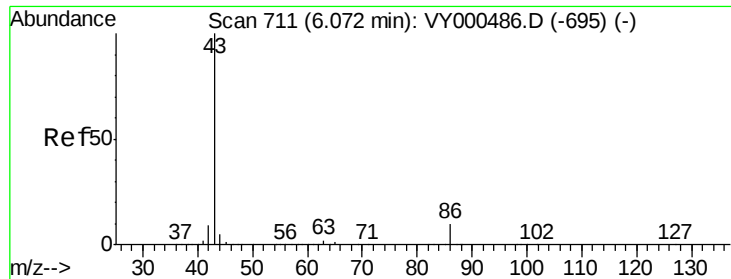
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 111.537 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 43 Resp: 834447

Ion Ratio Lower Upper

43 100

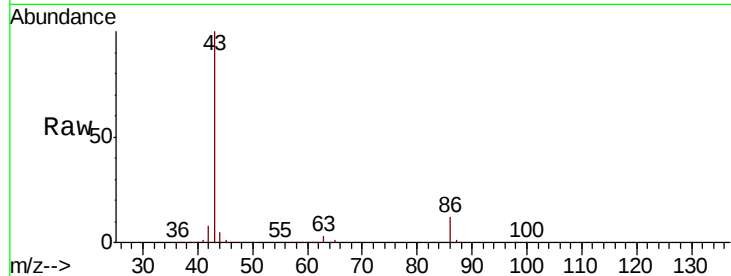
86 11.5 7.8 11.6

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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

250000

200000

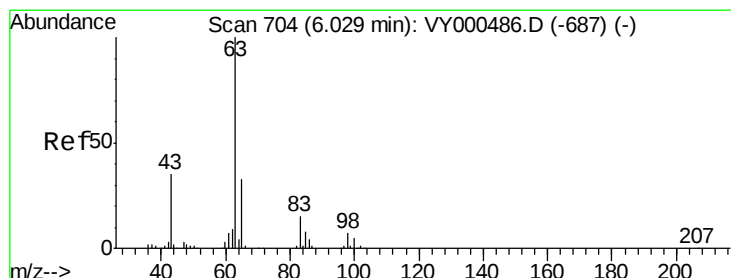
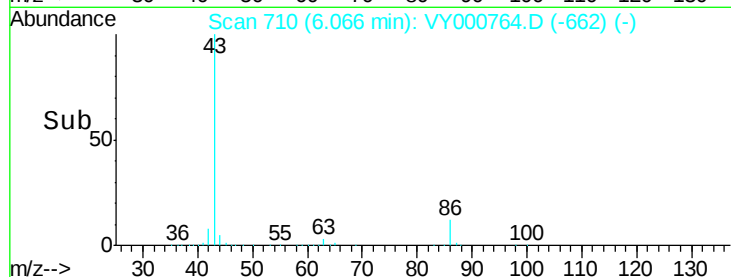
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.221 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

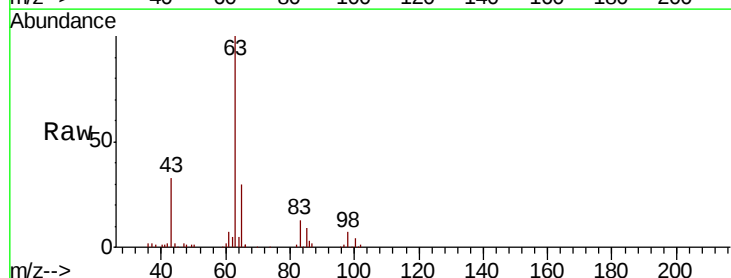
Tgt Ion: 63 Resp: 149088

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.4 2.4 7.1



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

6.02

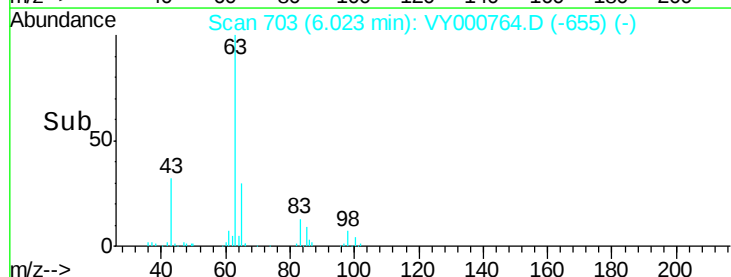
60000

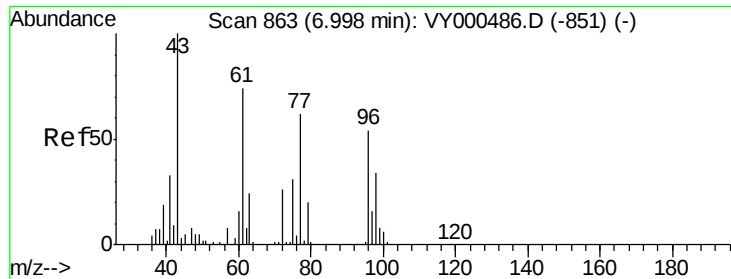
40000

20000

0

Time-->





#25

2-Butanone

Concen: 98.634 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 43 Resp: 150722

Ion Ratio Lower Upper

43 100

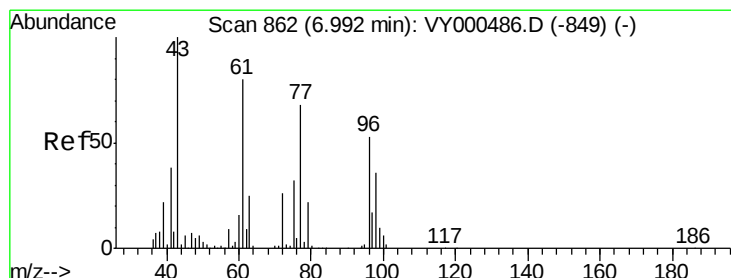
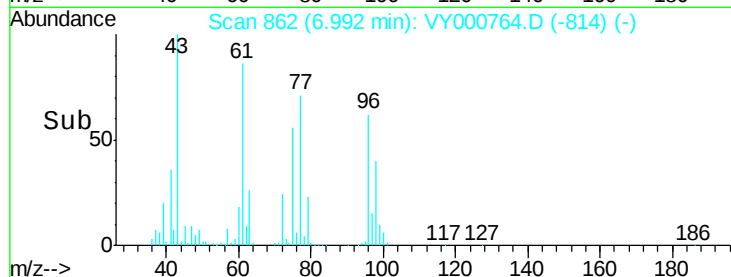
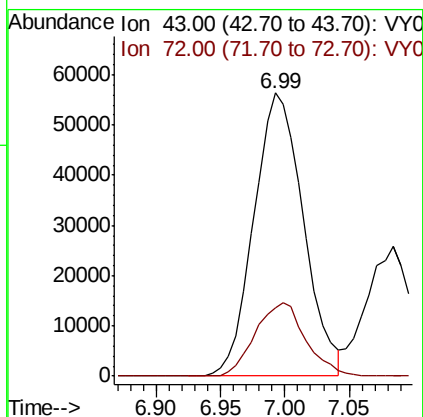
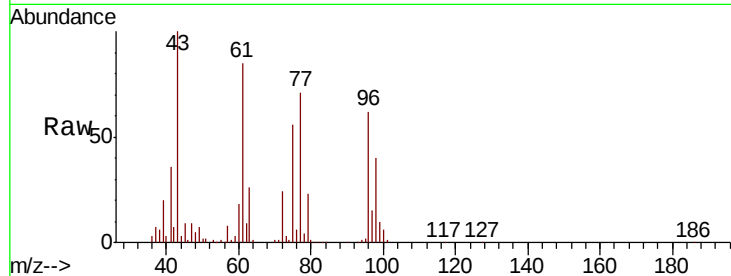
72 24.4 20.9 31.3

Manual Integrations

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11/23/2019 6:11:08 AM



#26

2,2-Dichloropropane

Concen: 21.592 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000764.D

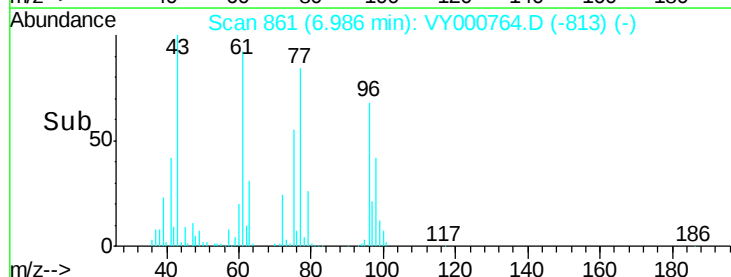
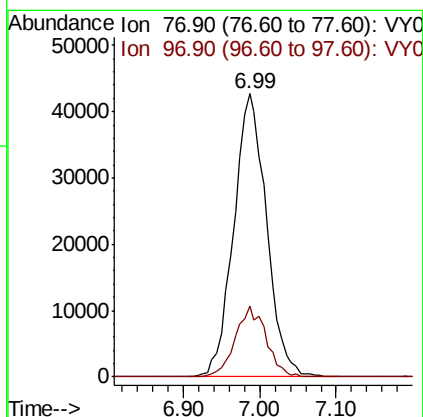
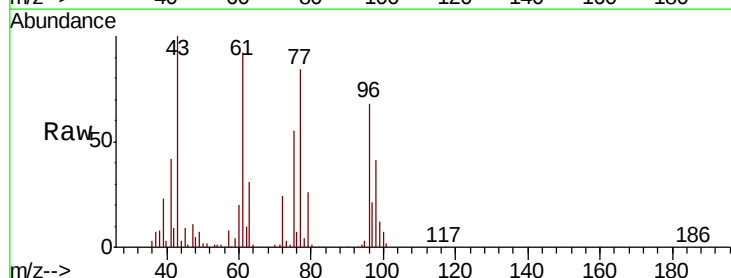
Acq: 21 Nov 2019 13:52

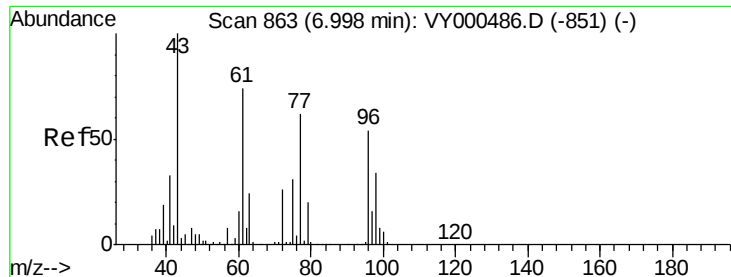
Tgt Ion: 77 Resp: 126688

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4





#27

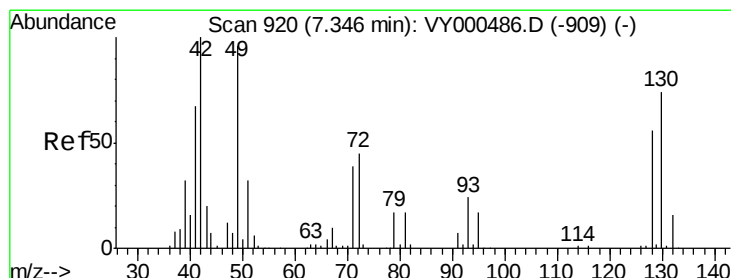
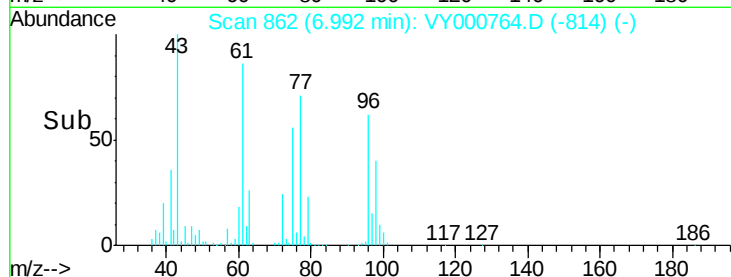
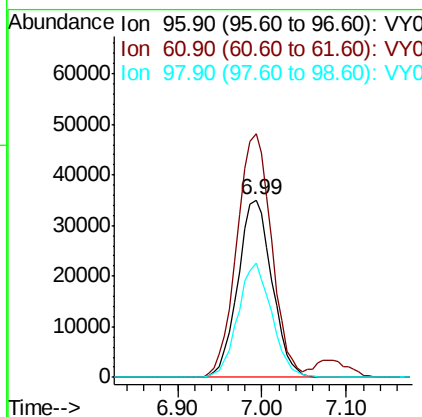
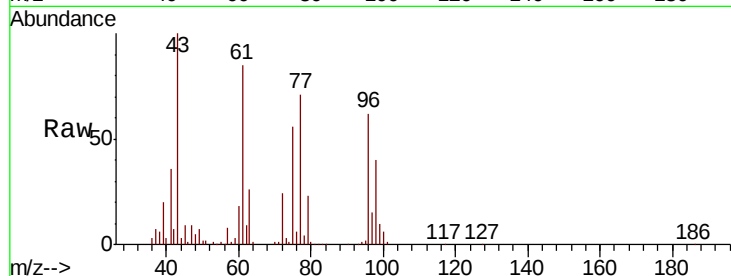
cis-1,2-Dichloroethene
Concen: 23.191 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.6	0.0	287.0	
98	63.7	0.0	129.4	

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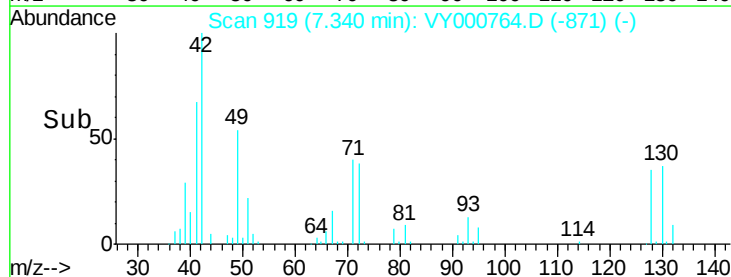
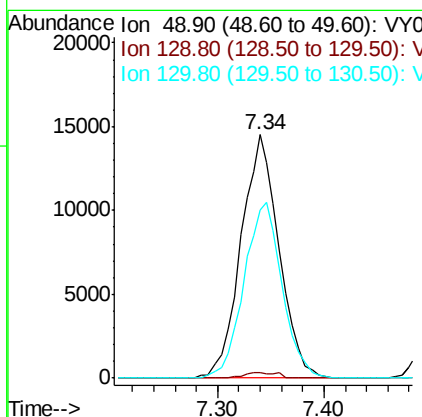
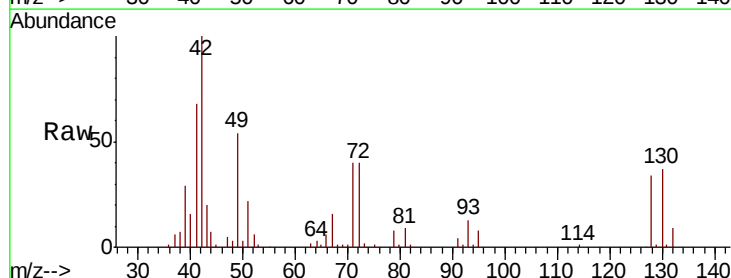
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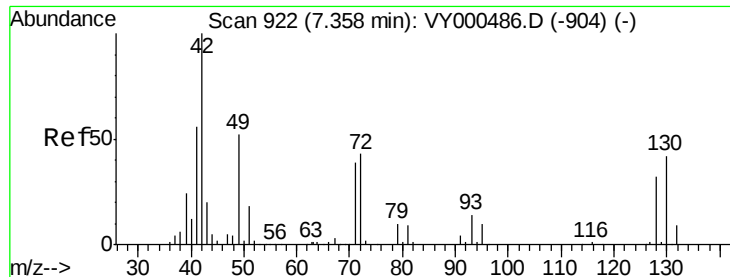


#28

Bromochloromethane
Concen: 15.437 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.6	
130	72.3	59.4	89.0	





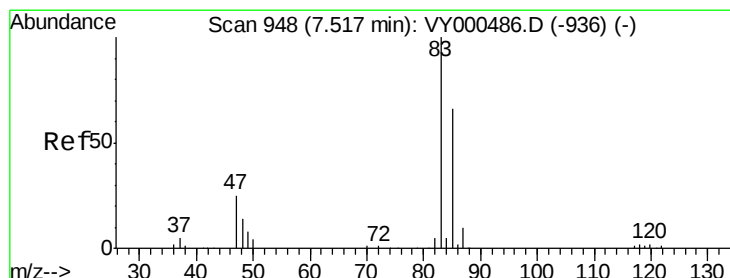
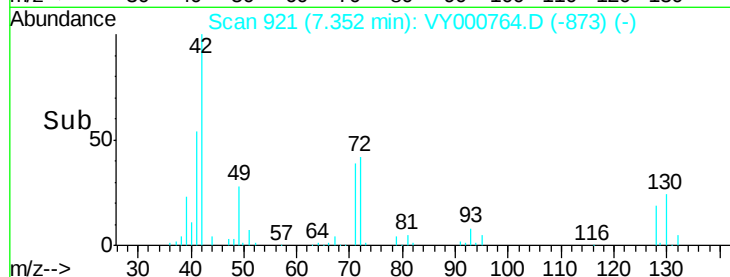
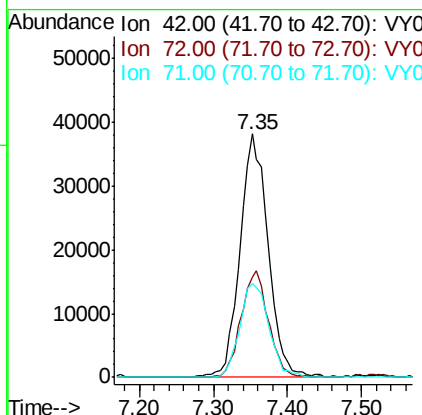
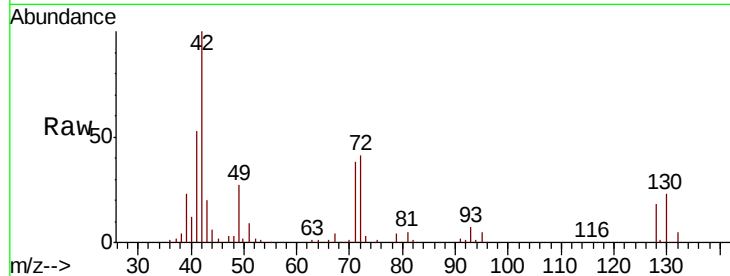
#29
Tetrahydrofuran
Concen: 108.605 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.0	51.0
71	40.2	30.8	46.2

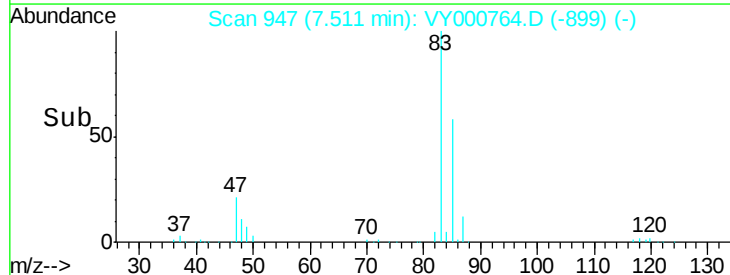
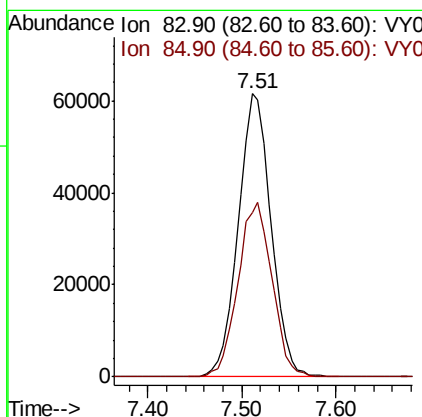
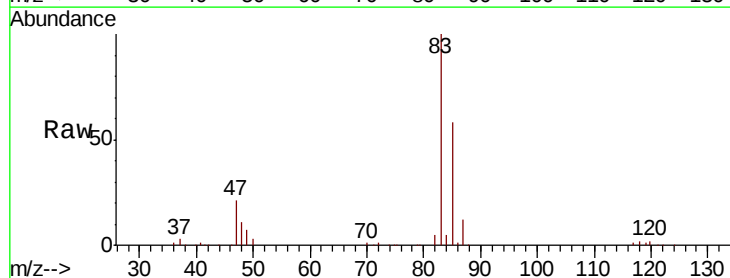
Manual Integrations
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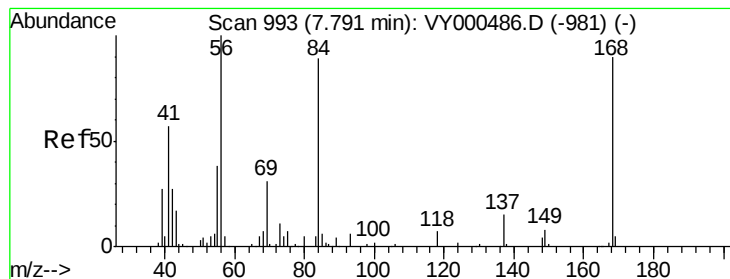
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#30
Chloroform
Concen: 23.101 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.0	53.0	79.4





#31

Cyclohexane

Concen: 21.926 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 56 Resp: 147447

Ion Ratio Lower Upper

56 100

69 35.0 25.0 37.6

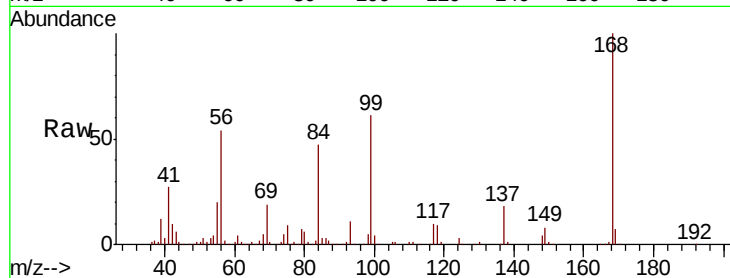
84 85.8 71.4 107.2

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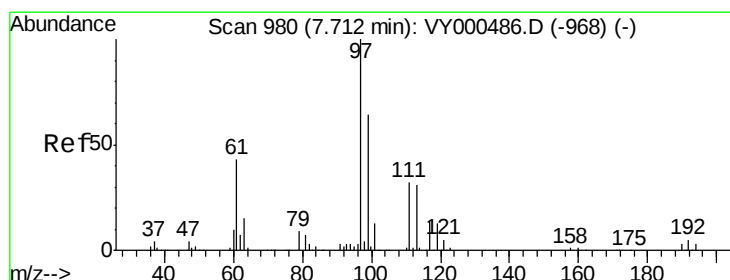
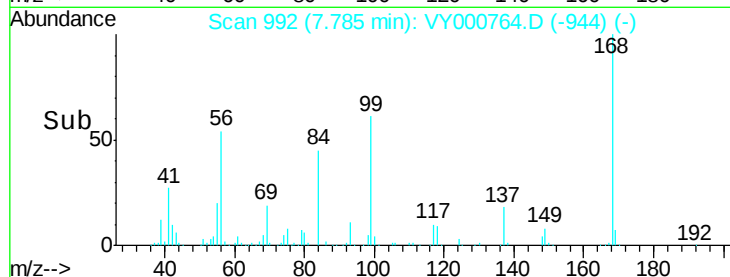
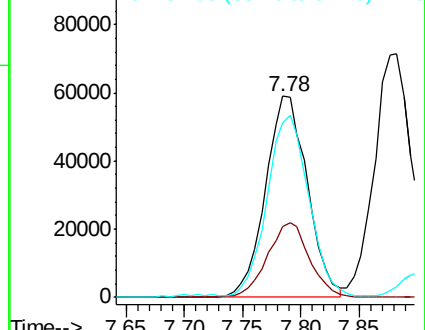
11/23/2019 6:11:08 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.982 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

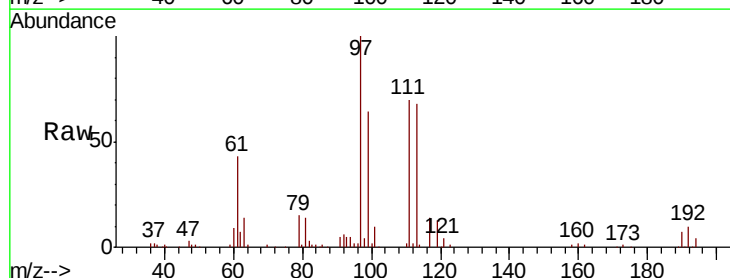
Tgt Ion: 97 Resp: 121458

Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

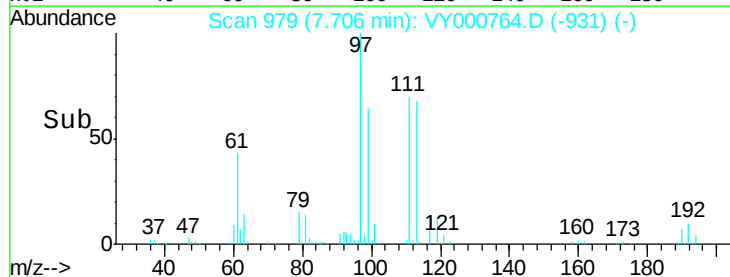
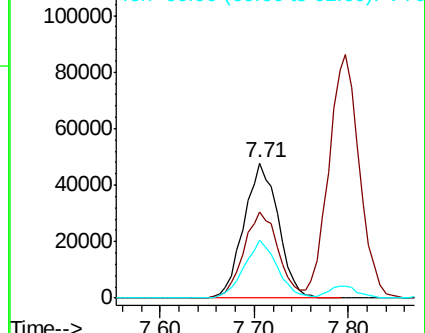
61 41.4 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 49.140 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 65 Resp: 170716

Ion Ratio Lower Upper

65 100

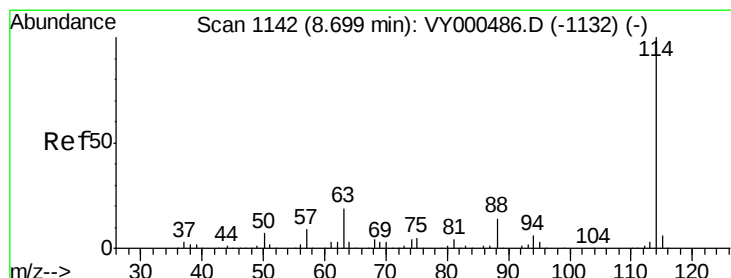
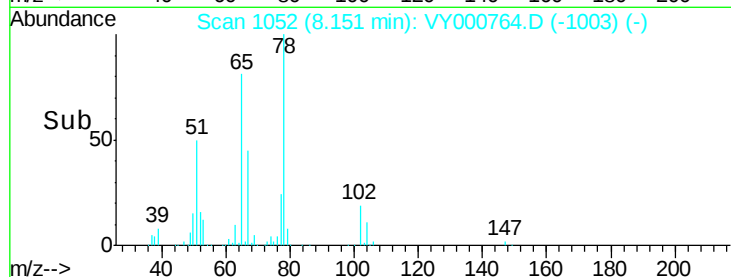
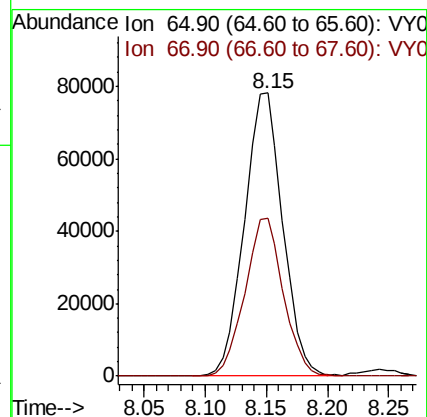
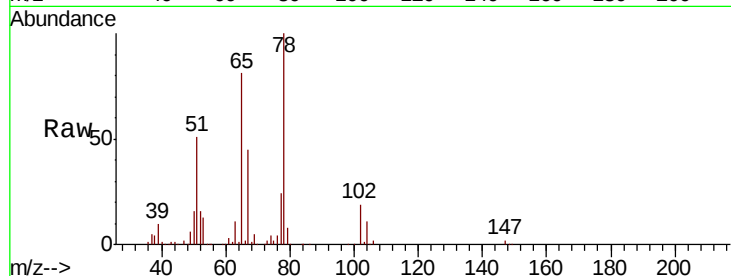
67 55.6 0.0 107.2

Manual Integrations

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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: VY000764.D

Acq: 21 Nov 2019 13:52

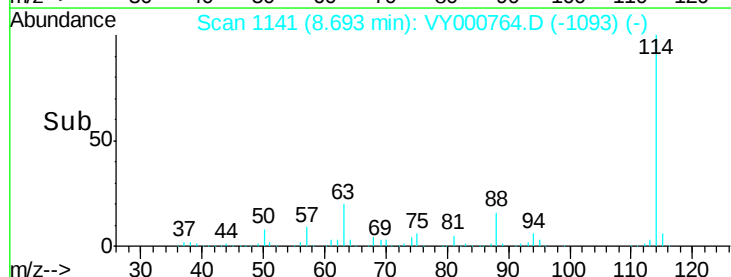
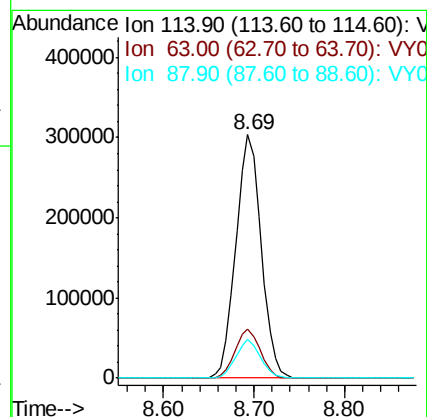
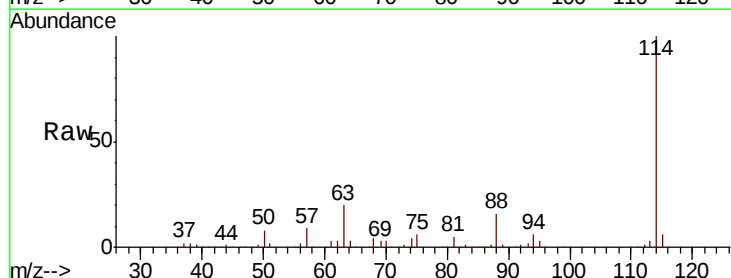
Tgt Ion: 114 Resp: 587278

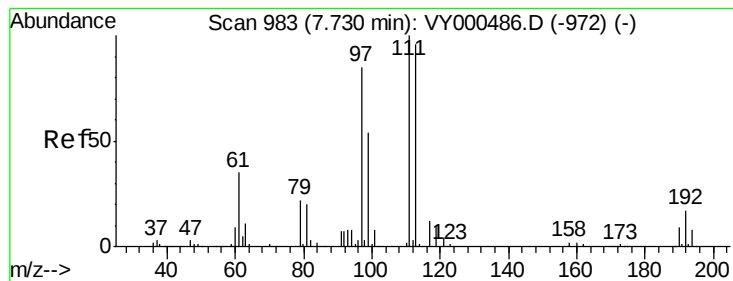
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

88 16.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.078 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

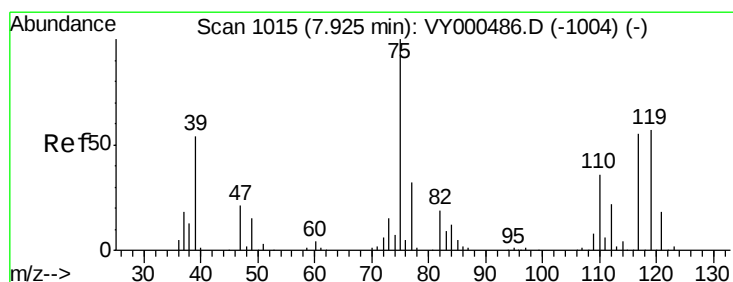
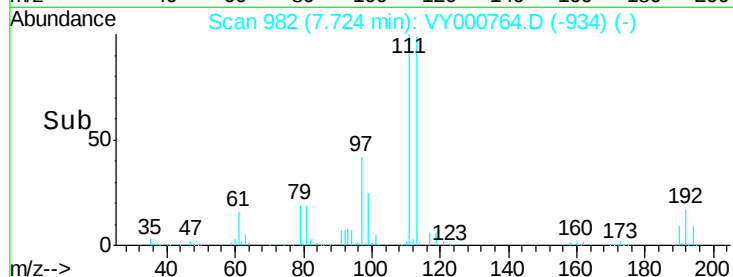
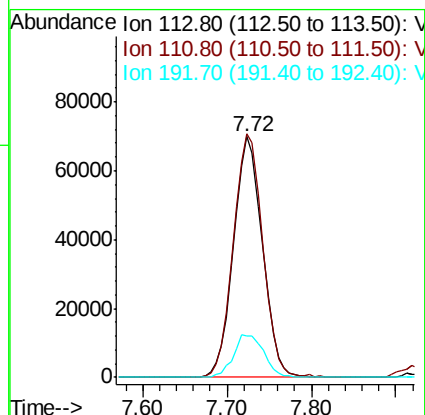
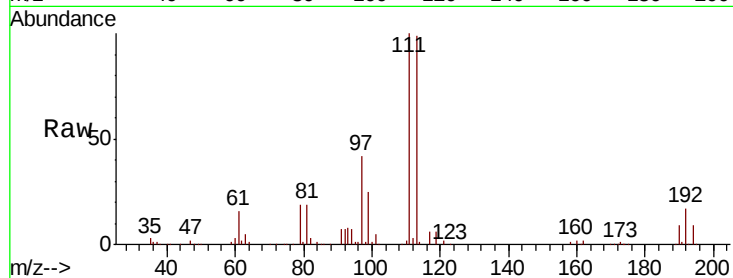
ClientSampleId :

VY1121SBS01

Tot Ion:	113	Resp:	162310
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.7	122.5
192	18.6	15.0	22.4

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#36

1,1-Dichloropropene

Concen: 20.999 ug/l

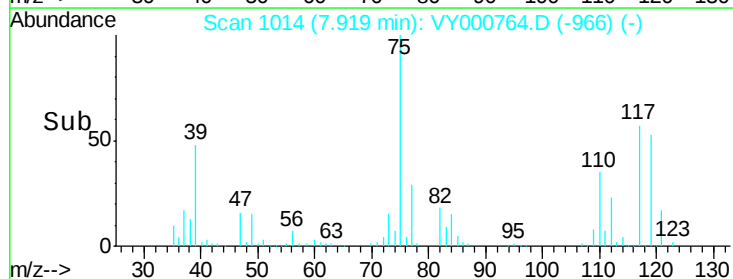
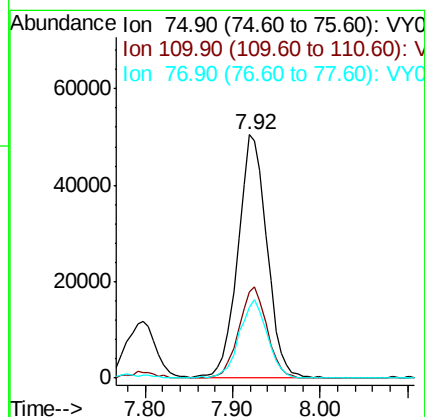
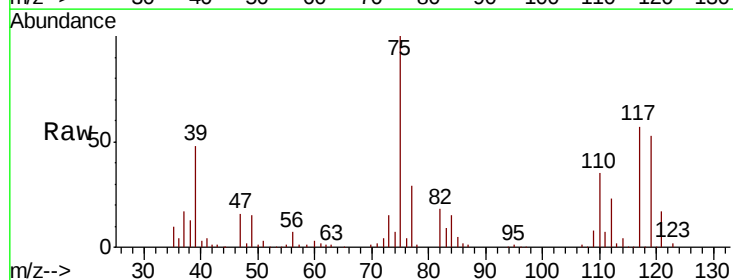
RT: 7.92 min Scan# 1014

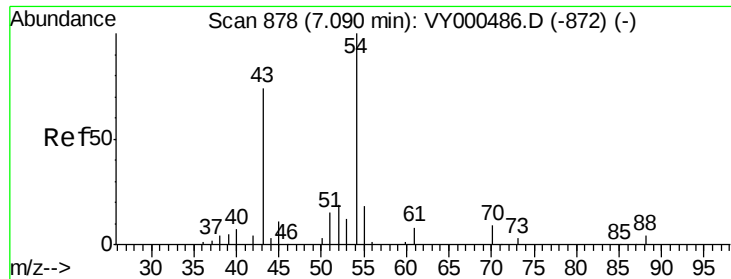
Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion:	75	Resp:	116584
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.1
77	31.3	25.0	37.6





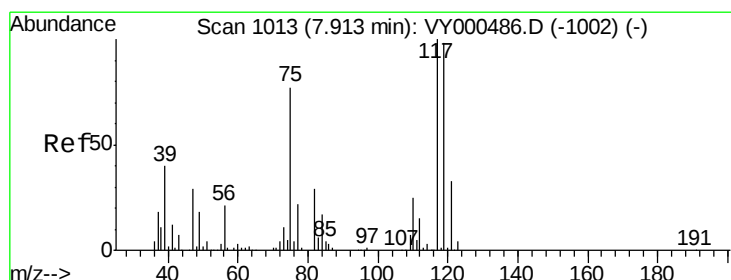
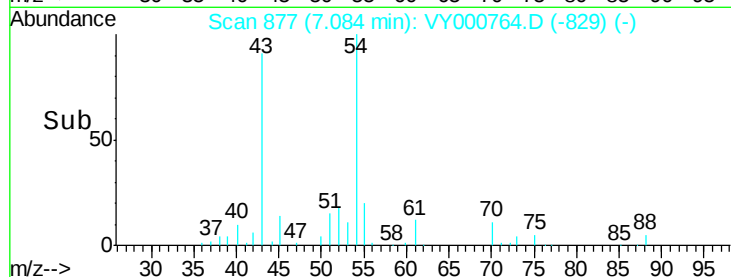
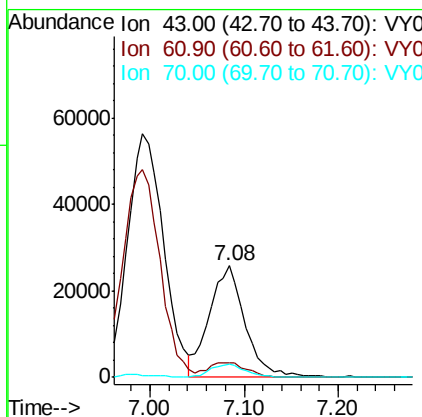
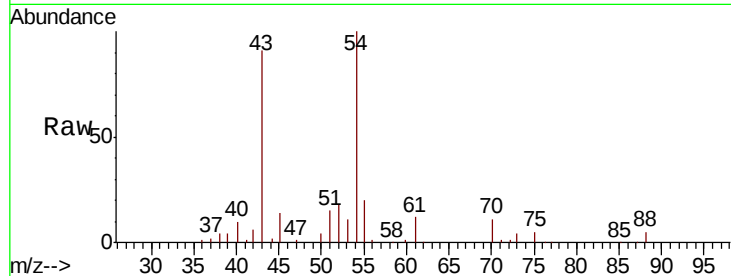
#37
Ethyl Acetate
Concen: 20.357 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 43 Resp: 67099
Ion Ratio Lower Upper
43 100
61 15.1 10.2 15.2
70 11.8 7.8 11.8#

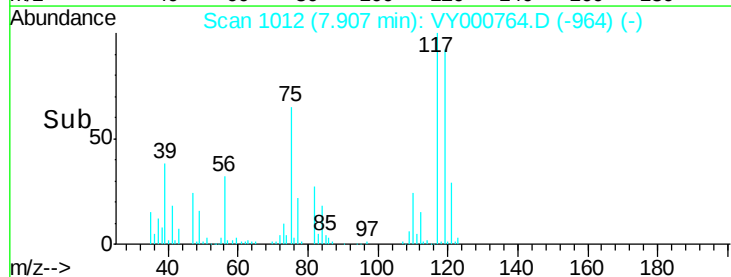
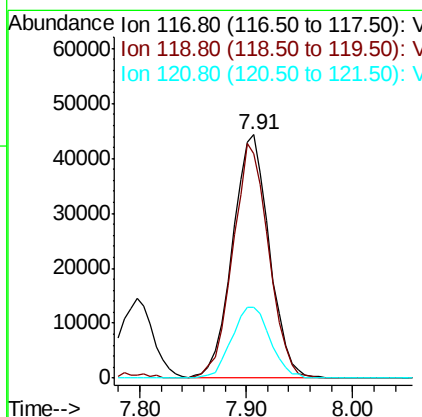
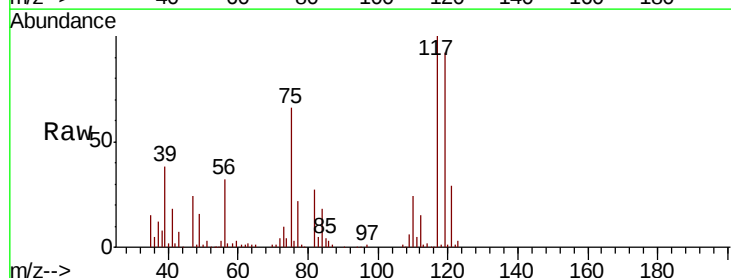
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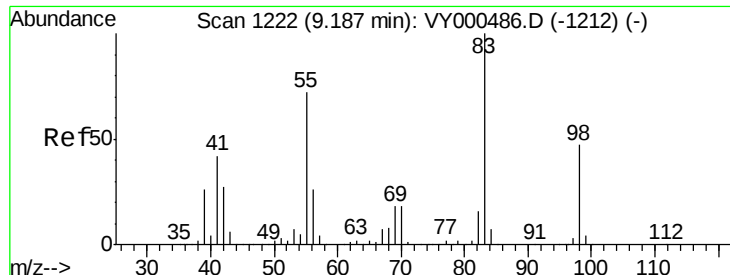
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#38
Carbon Tetrachloride
Concen: 20.122 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion: 117 Resp: 107495
Ion Ratio Lower Upper
117 100
119 92.3 78.0 117.0
121 29.0 26.6 40.0





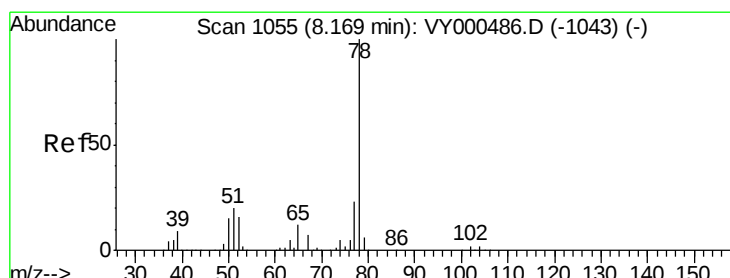
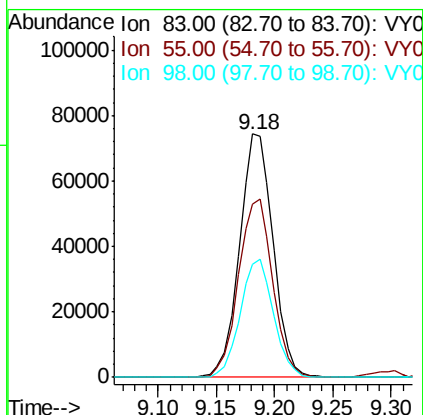
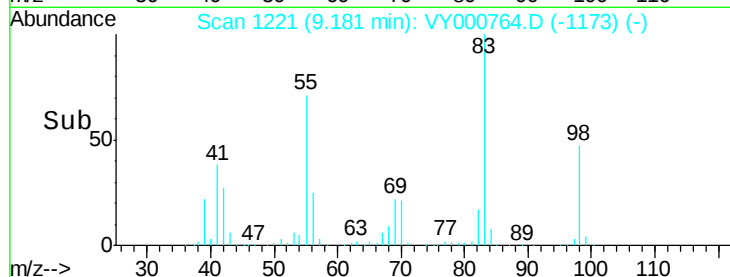
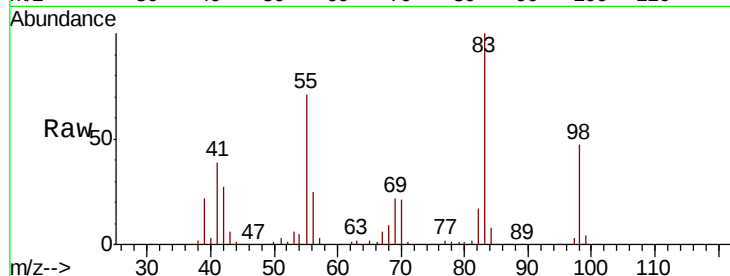
#39
Methvlcvclohexane
Concen: 20.830 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.5	86.3
98	46.7	38.0	57.0

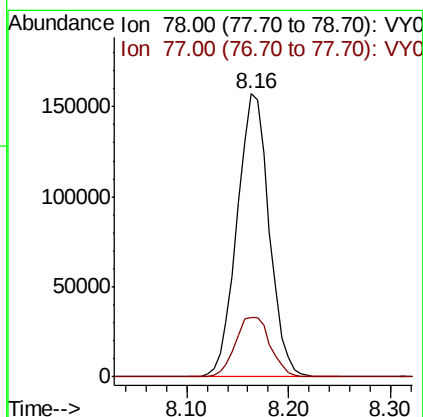
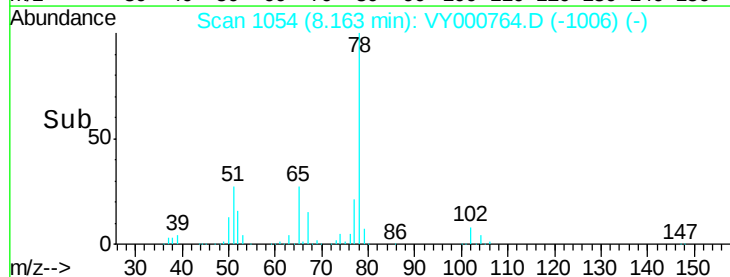
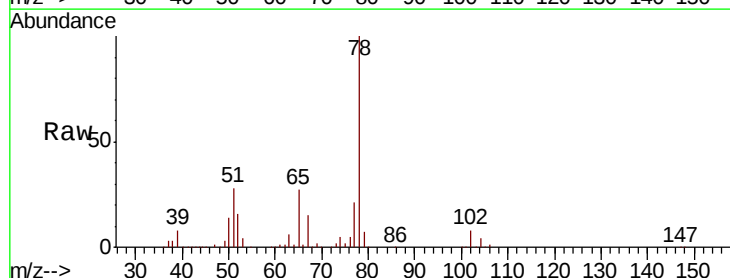
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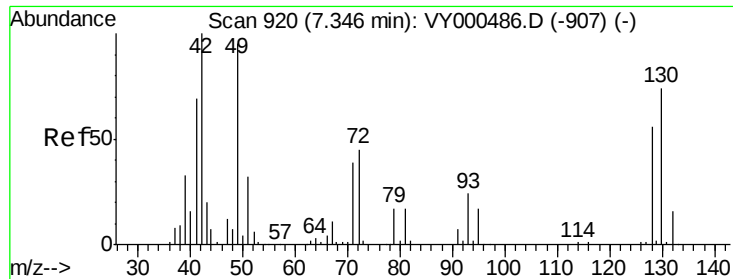
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#40
Benzene
Concen: 21.058 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.6	28.0





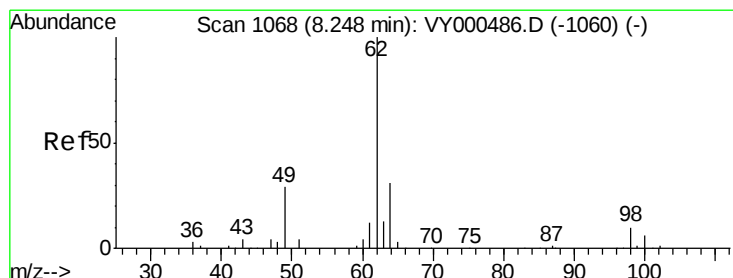
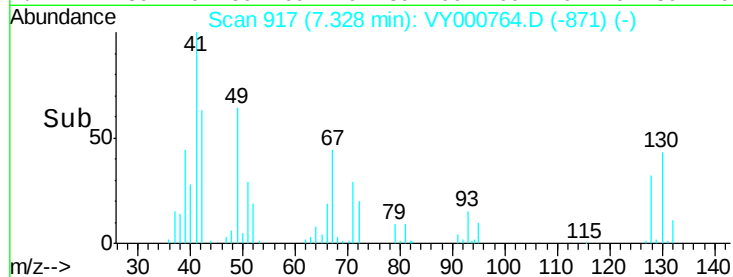
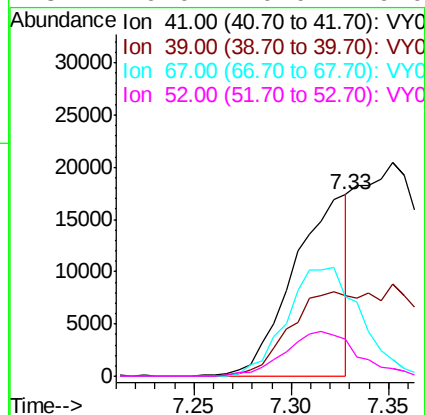
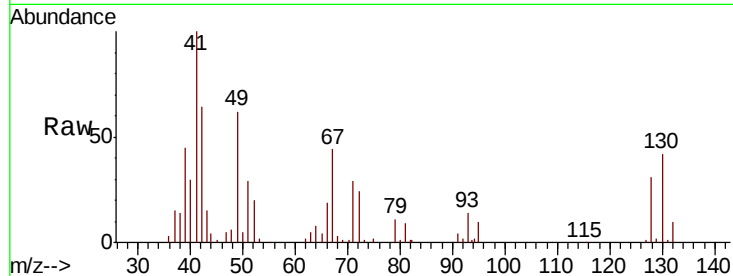
#41
Methacrylonitrile
Concen: 18.643 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion:	41	Resp:	34281
Ion Ratio	Lower	Upper	
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

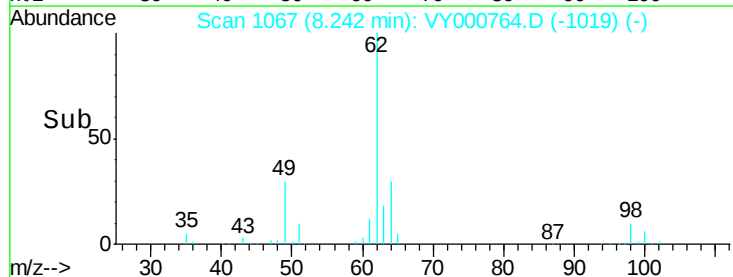
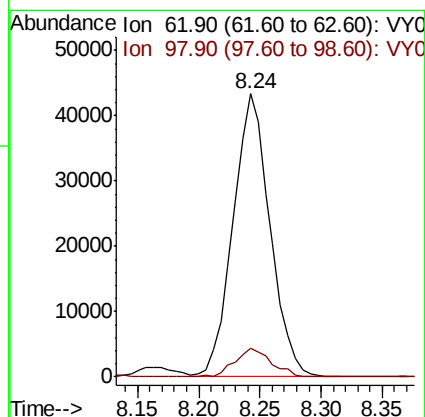
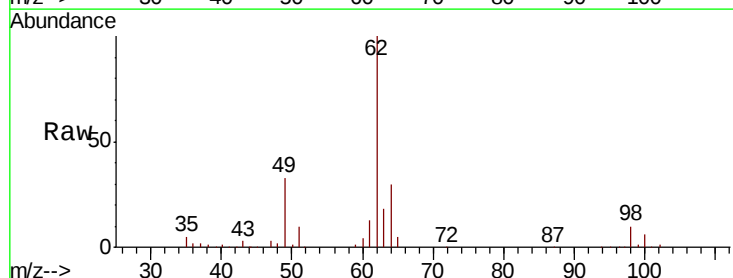
Manual Integrations
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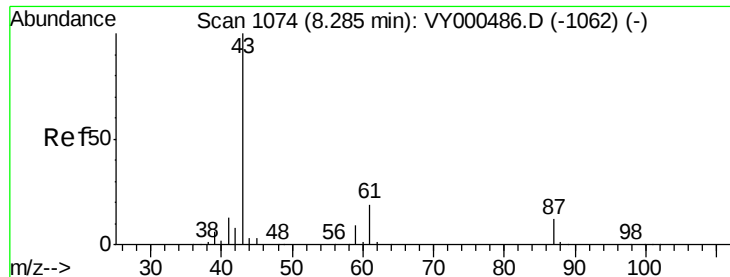
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#42
1,2-Dichloroethane
Concen: 19.633 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion:	62	Resp:	90634
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.2





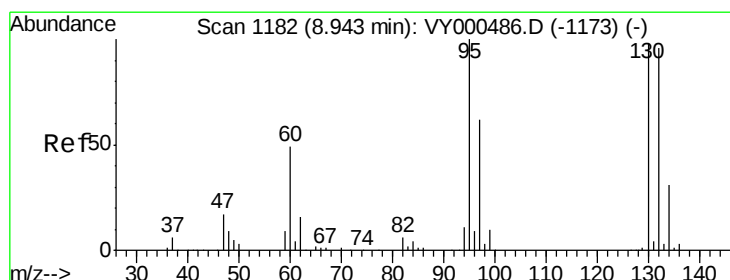
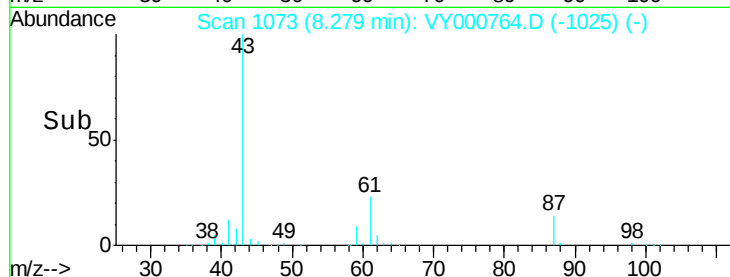
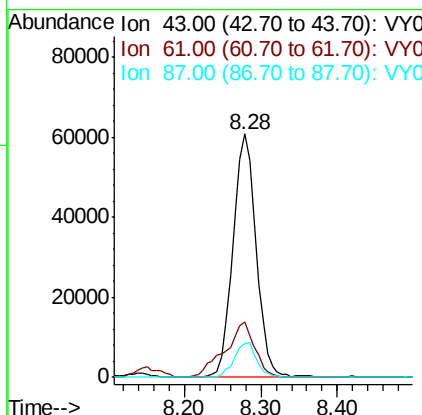
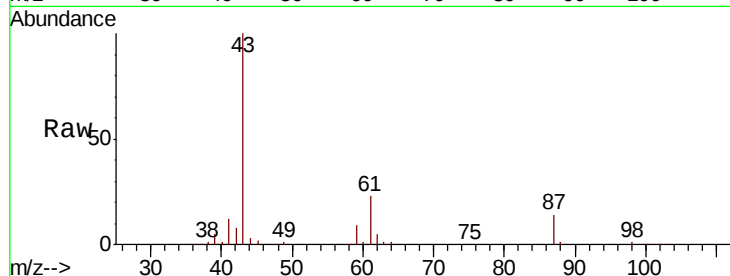
#43
Isopropyl Acetate
Concen: 20.668 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.0	34.4
87	13.8	10.5	15.7

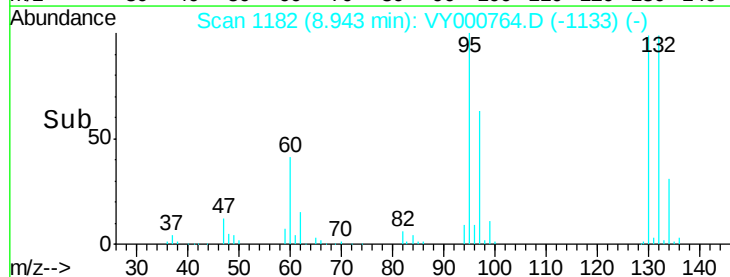
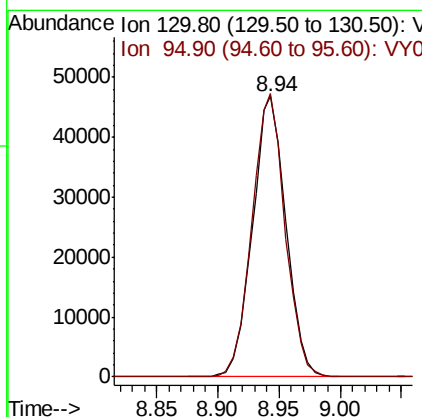
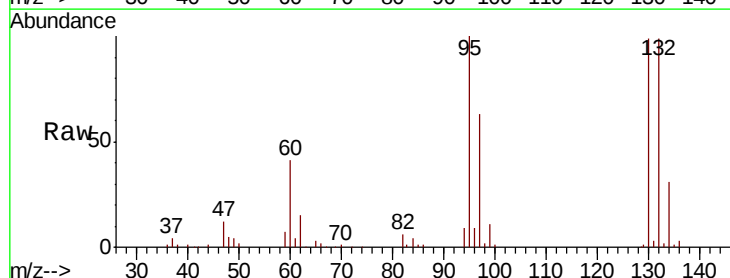
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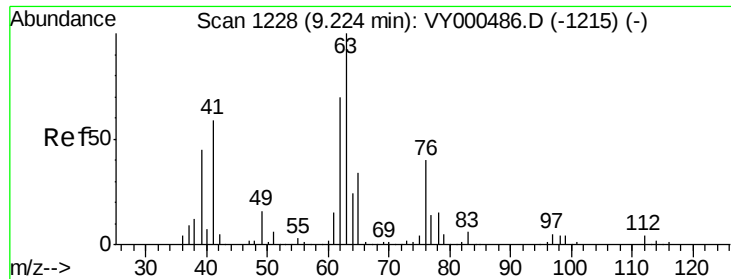
MMDadoda
11/23/2019 6:11:08 AM



#44
Trichloroethene
Concen: 20.773 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	203.2





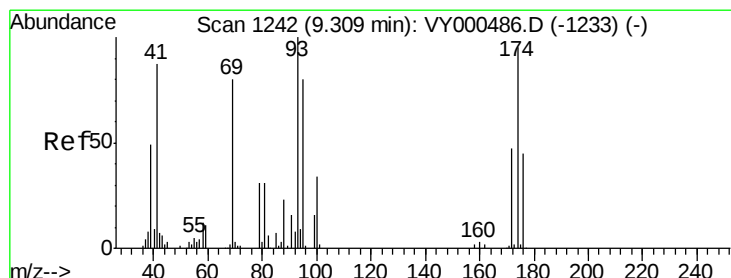
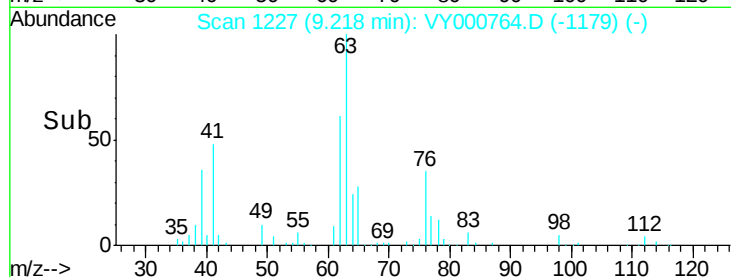
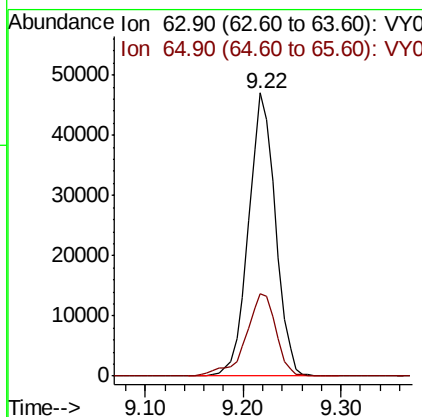
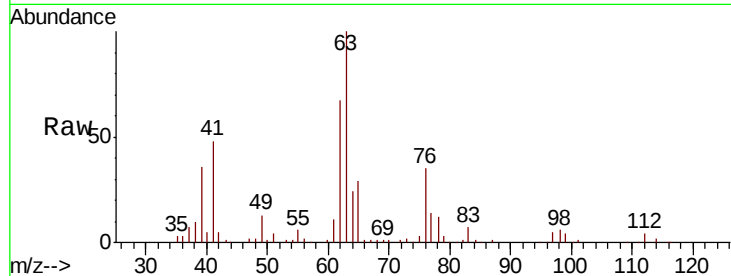
#45
 1,2-Dichloropropane
 Concen: 22.367 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion: 63 Resp: 89603
 Ion Ratio Lower Upper
 63 100
 65 29.1 27.0 40.4

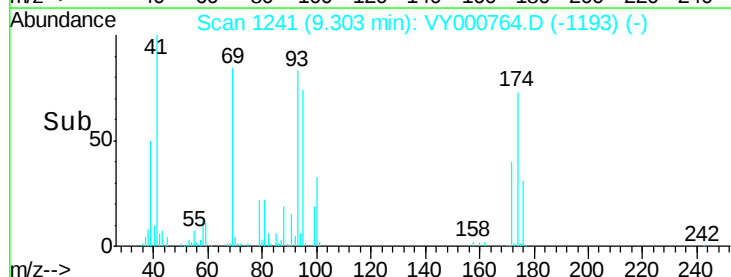
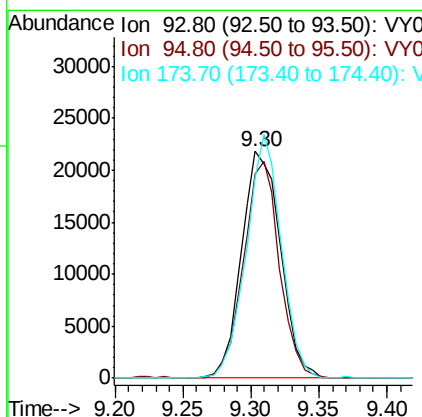
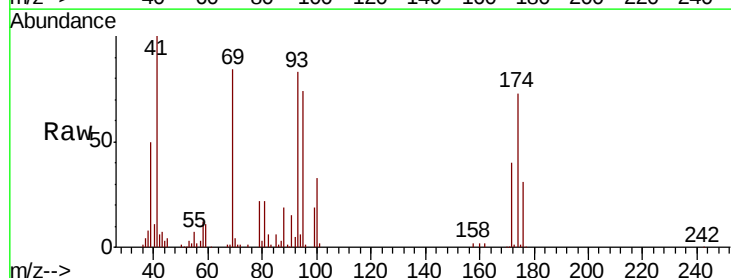
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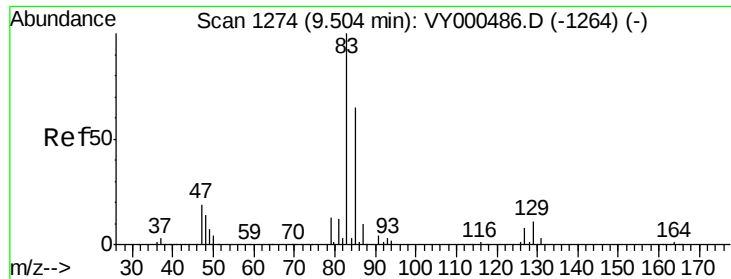
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 11/23/2019 6:11:08 AM



#46
 Dibromomethane
 Concen: 19.857 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion: 93 Resp: 43749
 Ion Ratio Lower Upper
 93 100
 95 88.4 66.4 99.6
 174 96.5 77.1 115.7





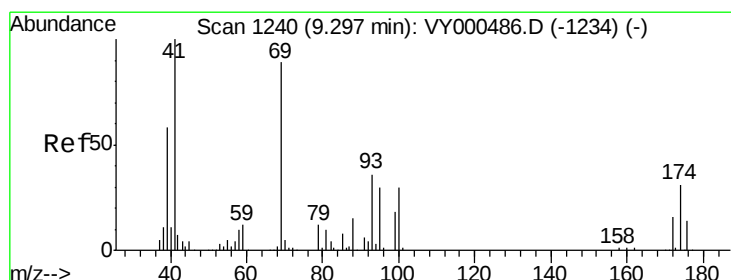
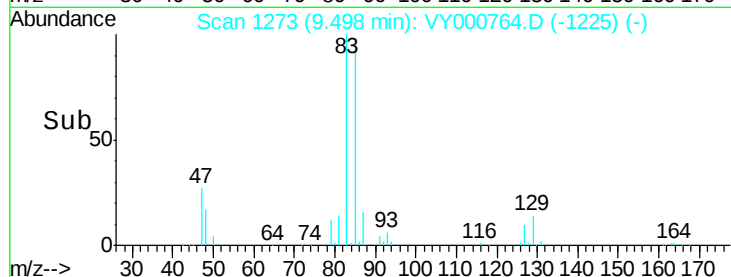
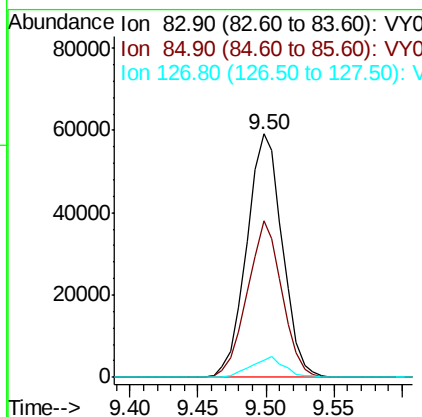
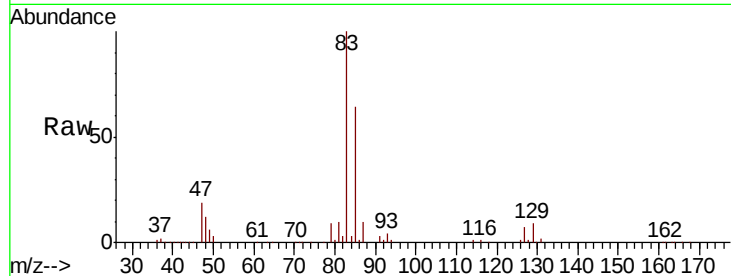
#47
Bromodichloromethane
Concen: 20.770 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	83	Resp	108577
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	51.8	77.8
127	6.8	6.7	10.1

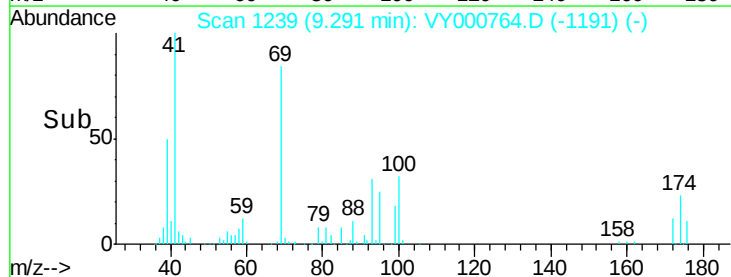
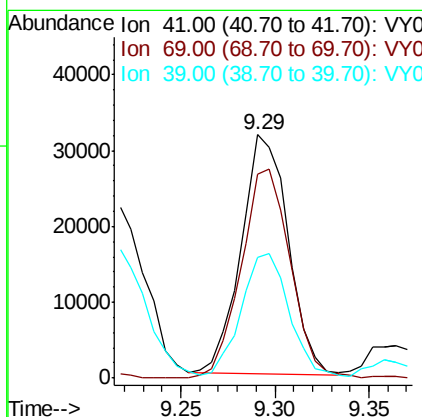
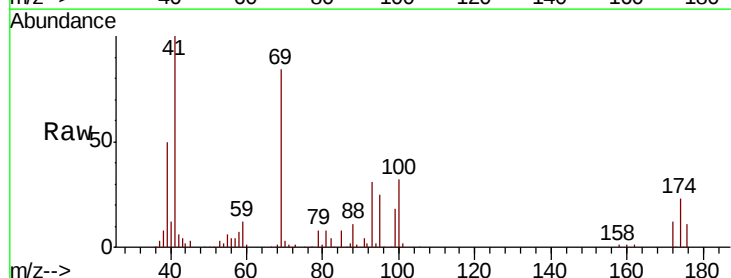
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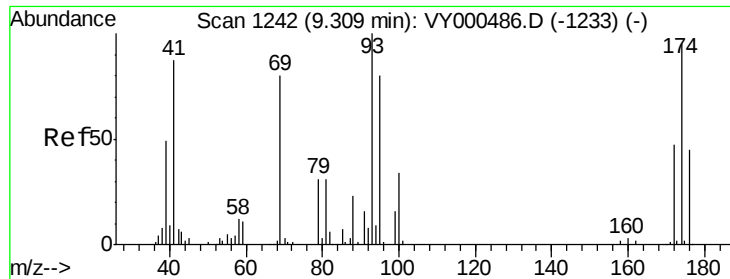
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#48
Methyl methacrylate
Concen: 20.159 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	41	Resp	54537
Ion Ratio	100	Lower	Upper
41	100		
69	91.9	72.5	108.7
39	54.1	47.8	71.8





#49

1,4-Dioxane

Concen: 394.488 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 88 Resp: 11697

Ion Ratio Lower Upper

88 100

43 32.3 25.1 37.7

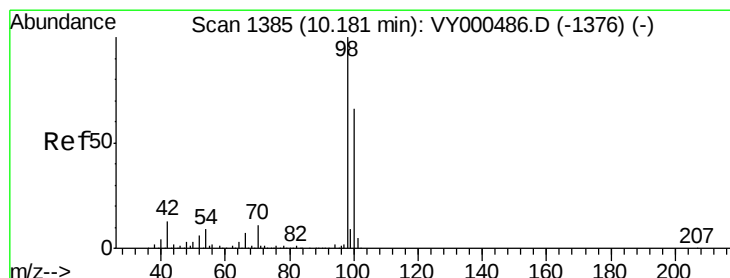
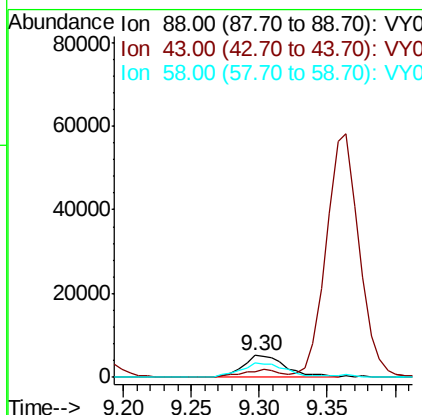
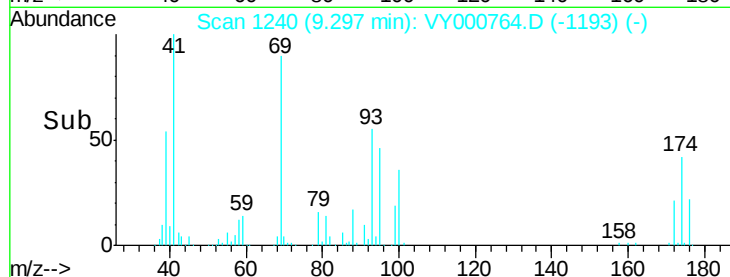
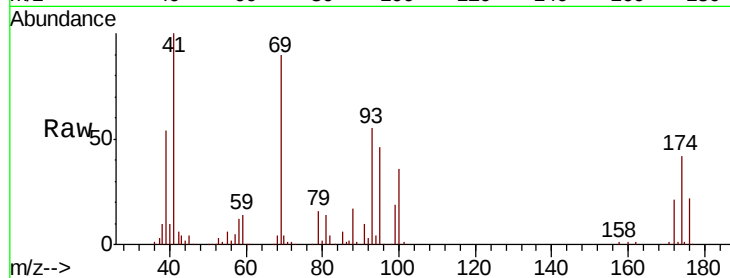
58 71.7 50.6 75.8

Manual Integrations

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#50

Toluene-d8

Concen: 51.642 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000764.D

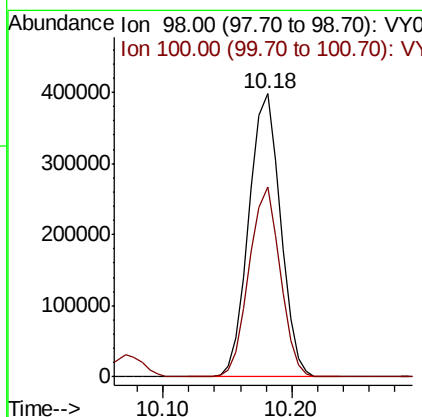
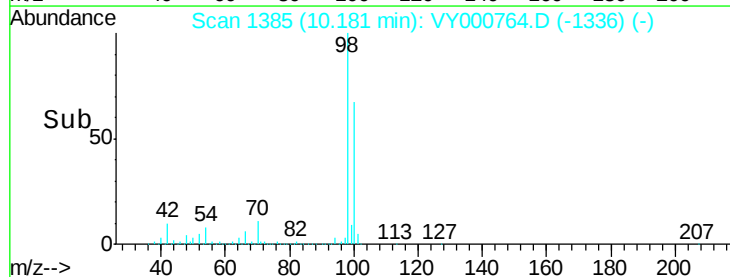
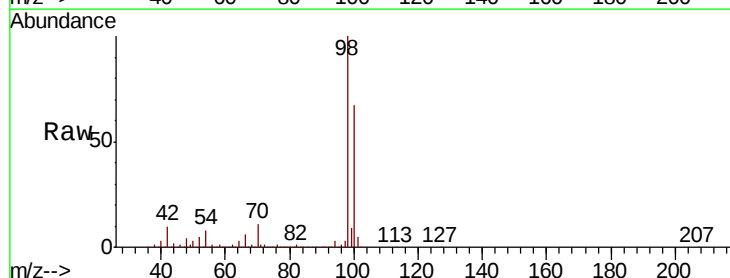
Acq: 21 Nov 2019 13:52

Tgt Ion: 98 Resp: 675587

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 101.460 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 43 Resp: 334009

Ion Ratio Lower Upper

43 100

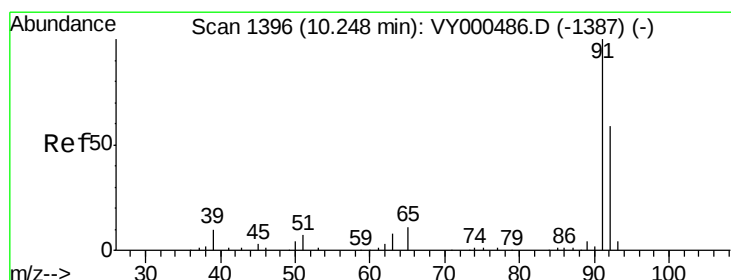
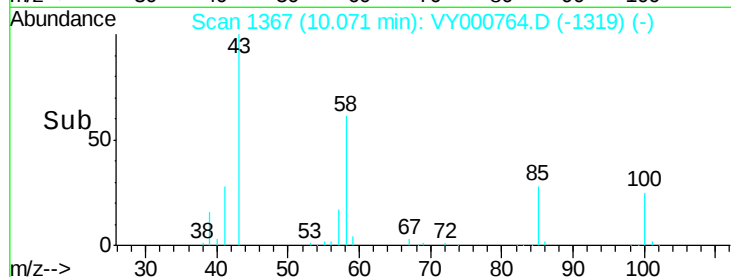
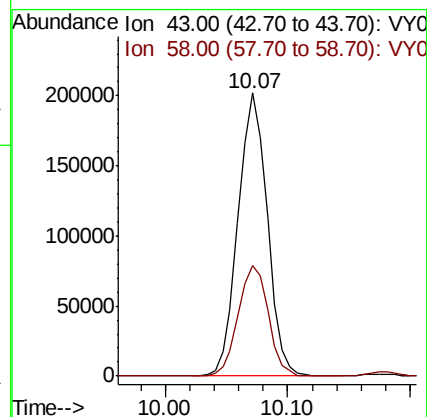
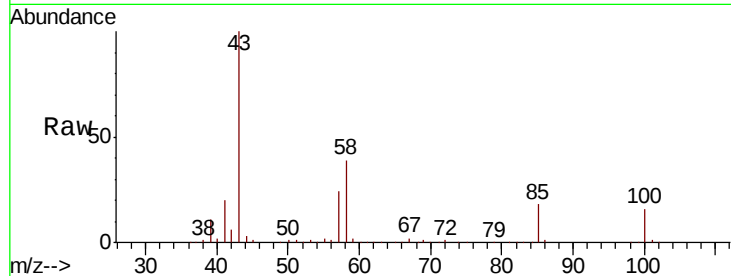
58 40.1 30.2 45.4

Manual Integrations

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#52

Toluene

Concen: 20.904 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000764.D

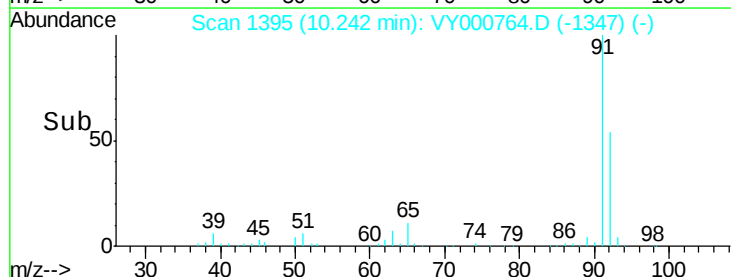
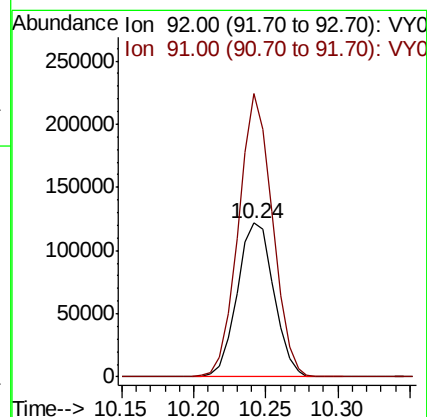
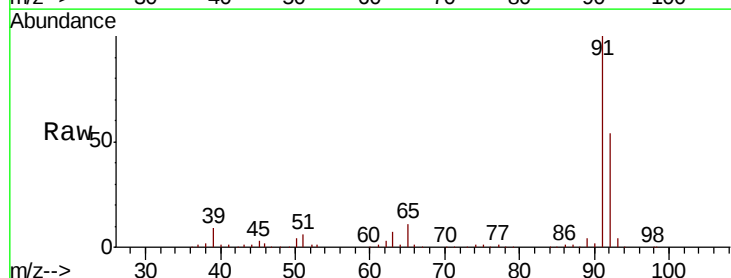
Acq: 21 Nov 2019 13:52

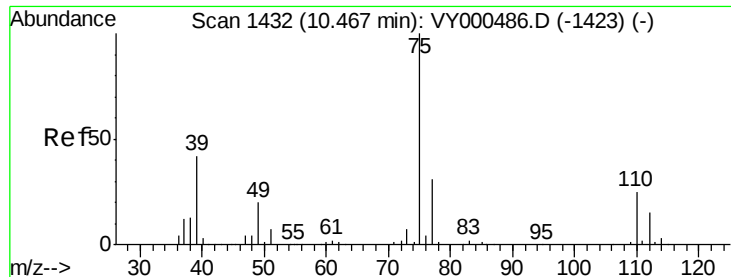
Tgt Ion: 92 Resp: 215120

Ion Ratio Lower Upper

92 100

91 171.1 136.3 204.5





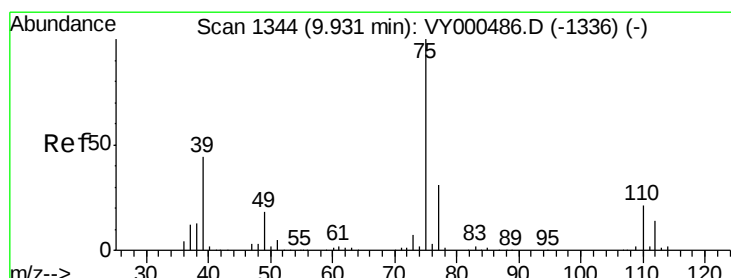
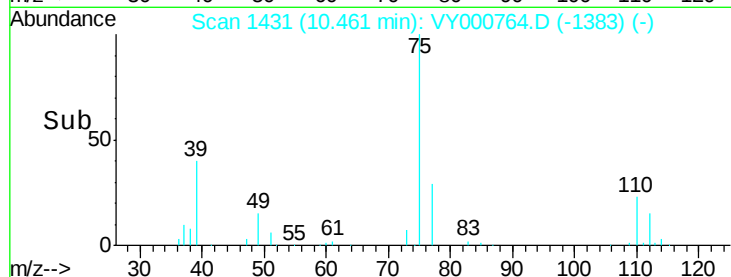
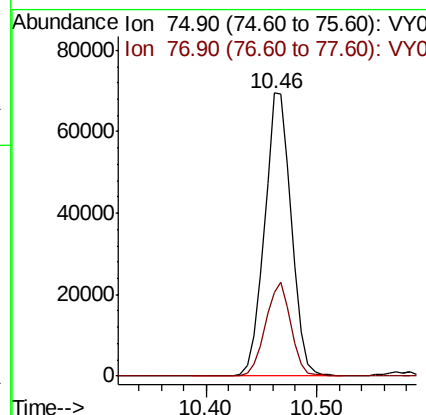
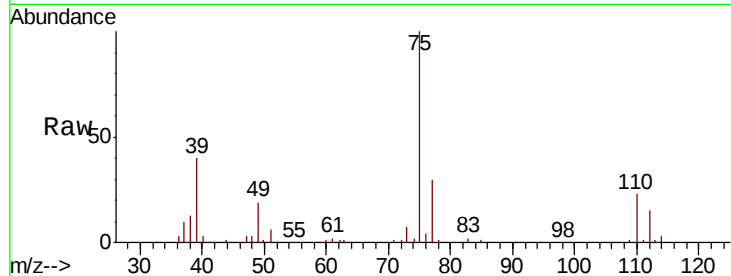
#53
t-1,3-Dichloropropene
Concen: 20.830 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 75 Resp: 116348
Ion Ratio Lower Upper
75 100
77 29.5 24.6 37.0

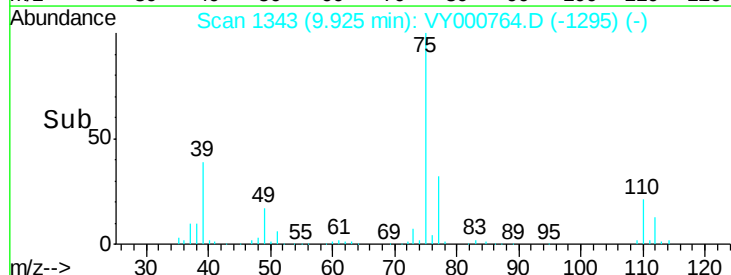
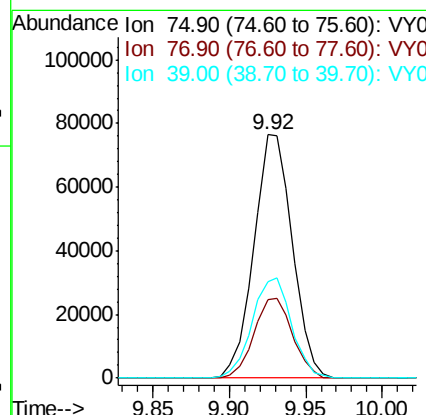
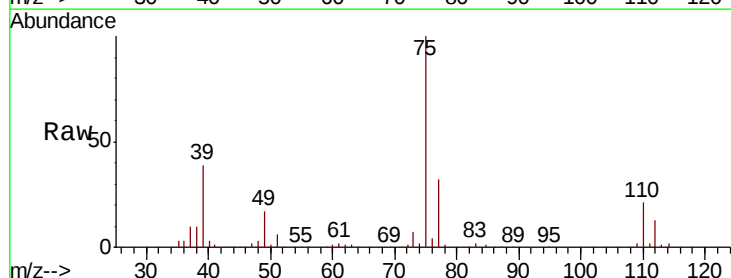
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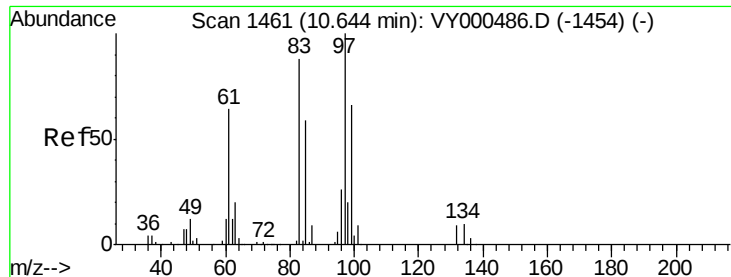
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#54
cis-1,3-Dichloropropene
Concen: 20.956 ug/l
RT: 9.92 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion: 75 Resp: 134094
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7
39 39.5 35.4 53.2





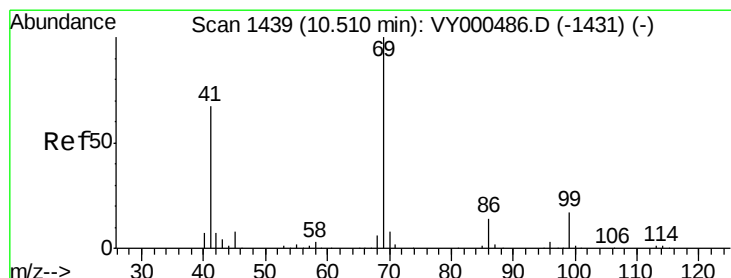
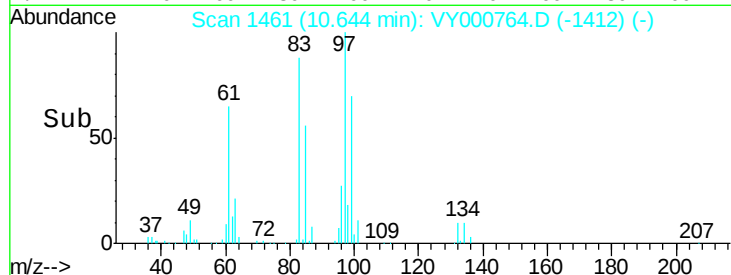
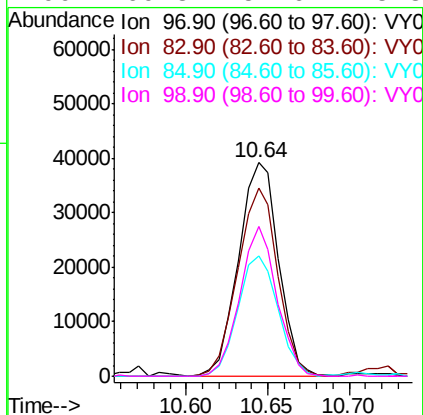
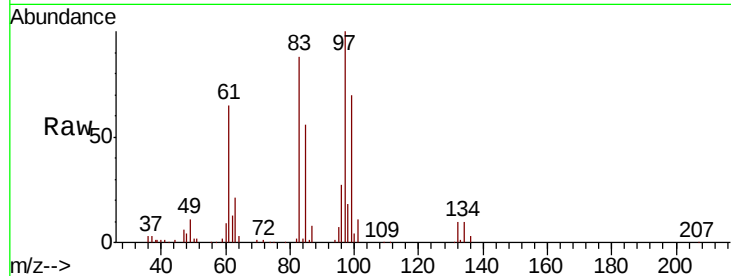
#55
 1,1,2-Trichloroethane
 Concen: 21.057 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion:	97	Resp:	67101
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.4
85	56.3	46.9	70.3
99	69.8	52.6	78.8

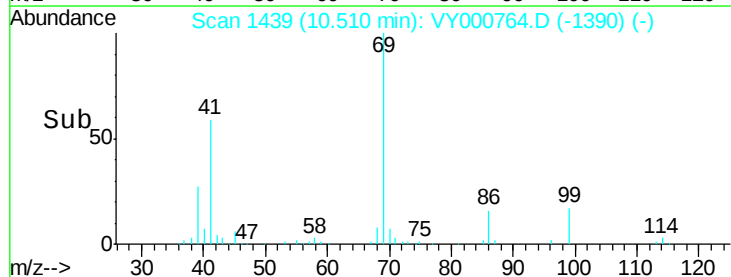
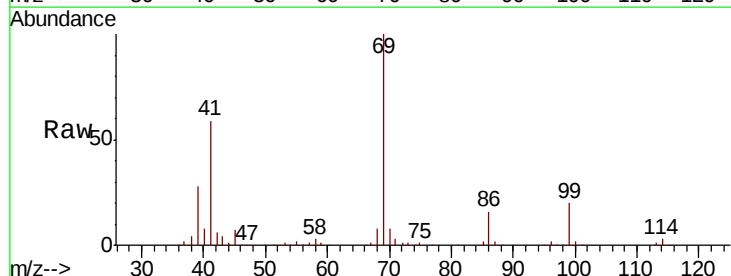
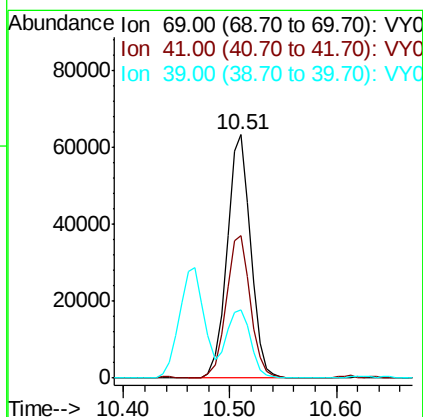
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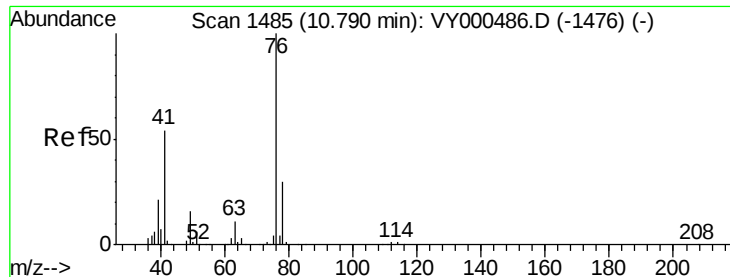
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#56
 Ethyl methacrylate
 Concen: 21.708 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion:	69	Resp:	98045
Ion	Ratio	Lower	Upper
69	100		
41	59.3	53.3	79.9
39	29.0	28.0	42.0





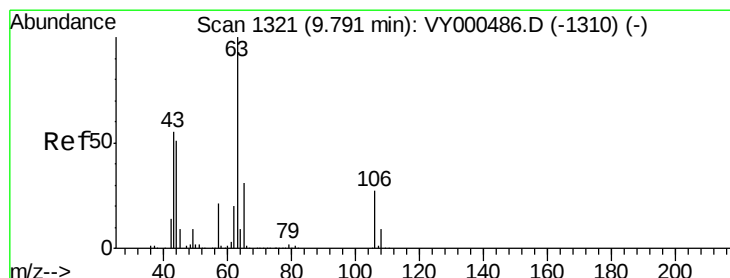
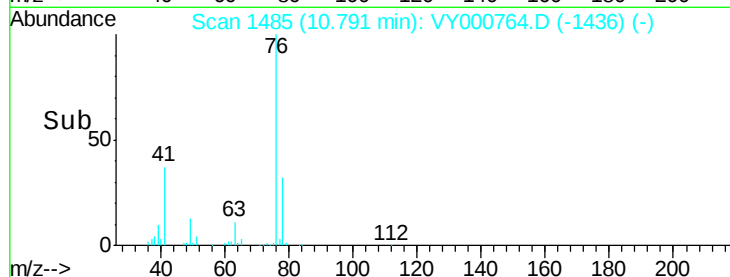
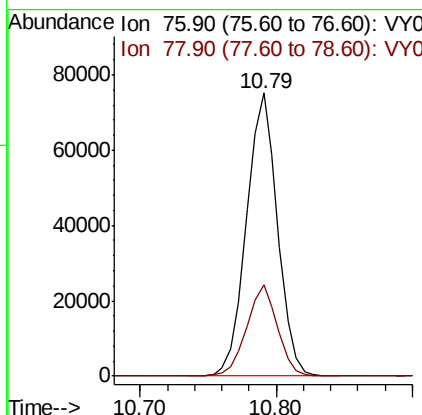
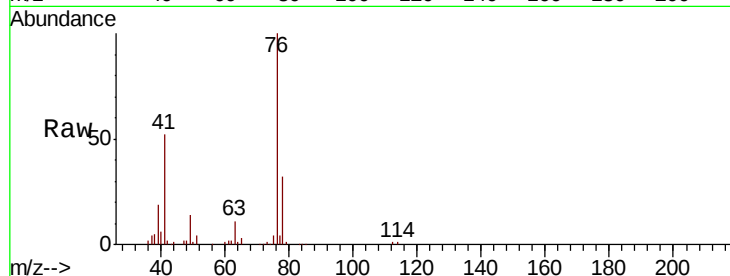
#57
 1,3-Dichloropropane
 Concen: 21.486 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.2	37.8

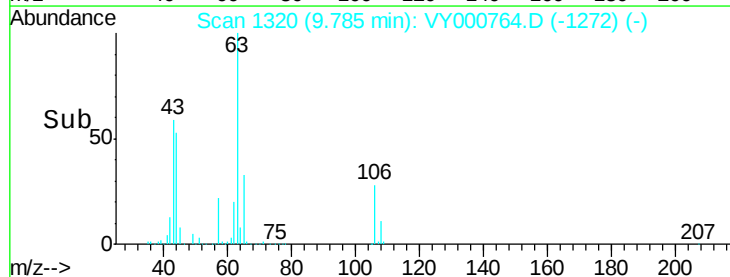
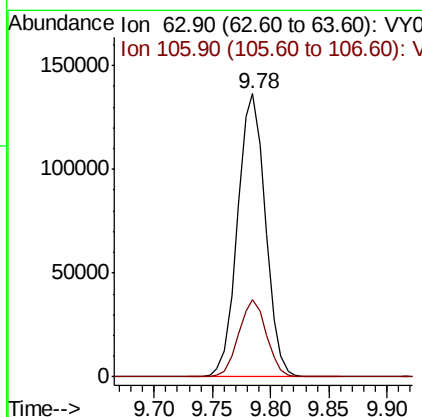
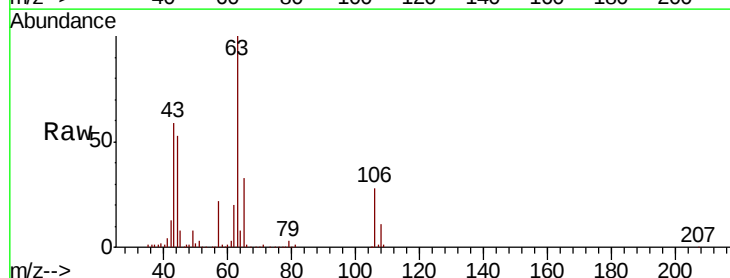
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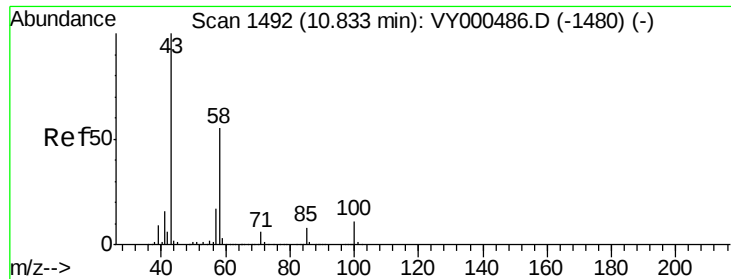
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 11/23/2019 6:11:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.696 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	22.6	33.8





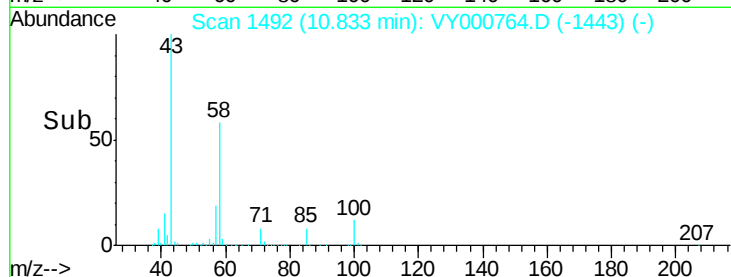
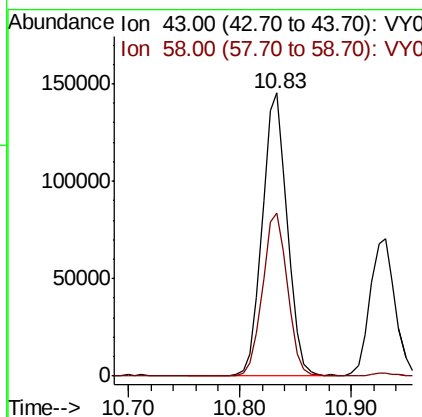
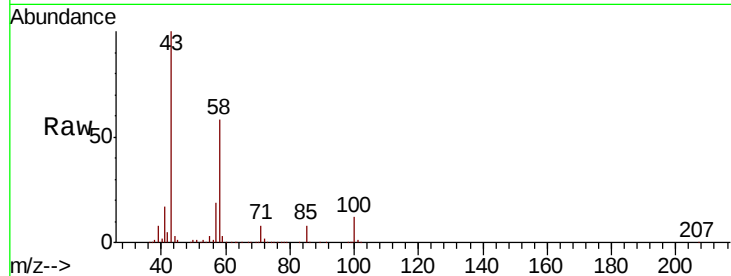
#59
2-Hexanone
Concen: 95.056 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 43 Resp: 227999
Ion Ratio Lower Upper
43 100
58 57.7 27.1 81.3

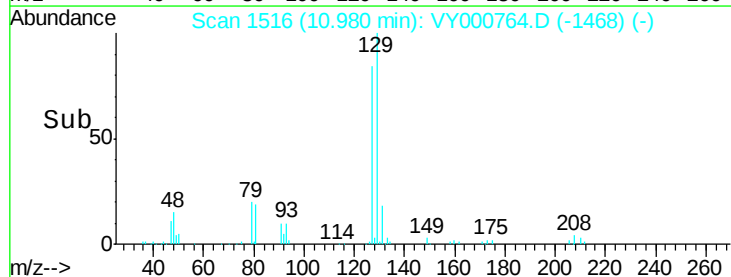
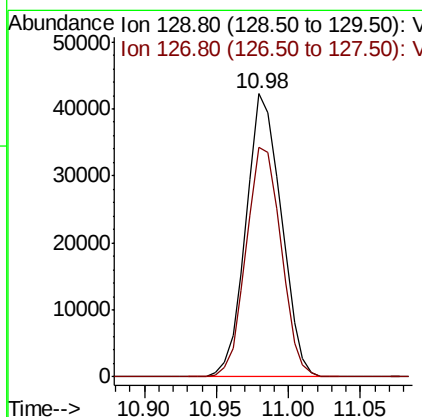
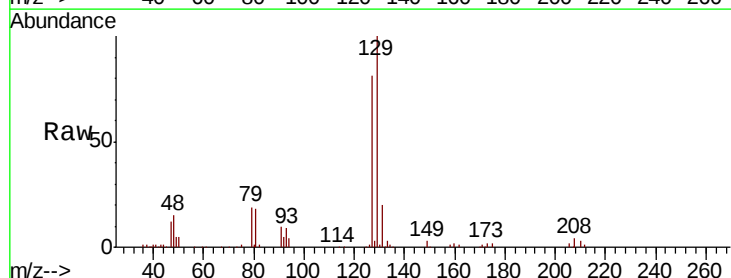
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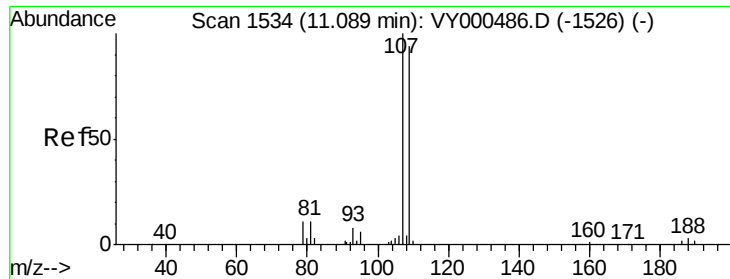
MMDadoda
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#60
Dibromochloromethane
Concen: 19.633 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion: 129 Resp: 71662
Ion Ratio Lower Upper
129 100
127 80.4 39.1 117.2





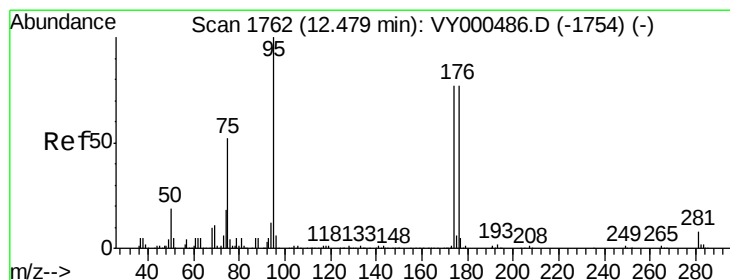
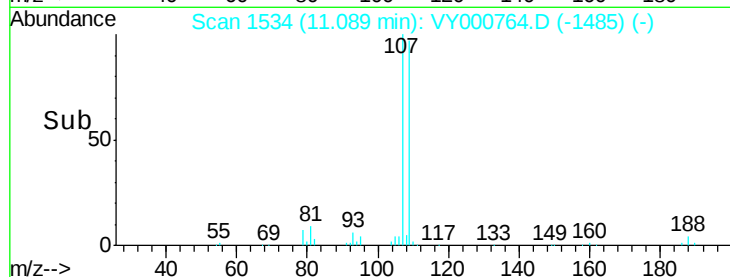
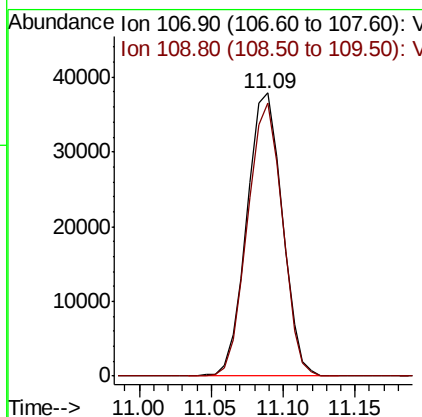
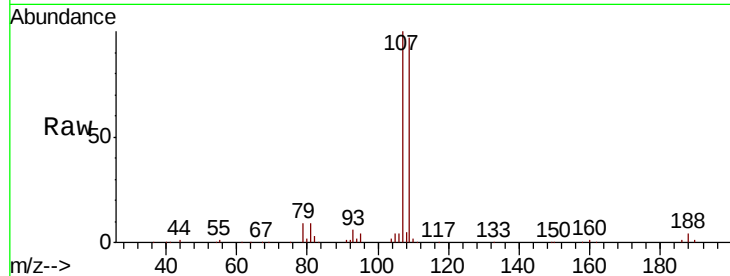
#61
 1,2-Dibromoethane
 Concen: 21.074 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	73.6	110.4

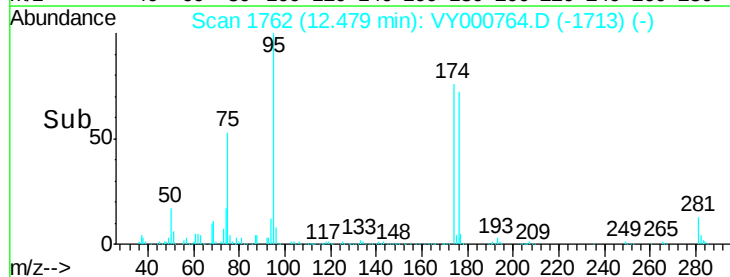
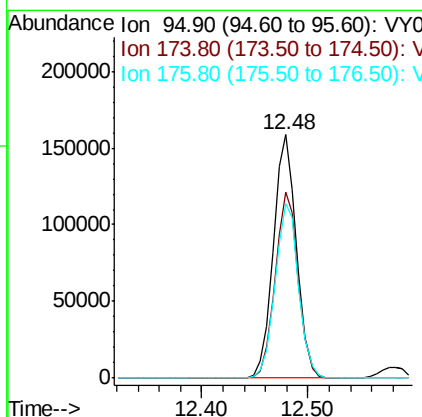
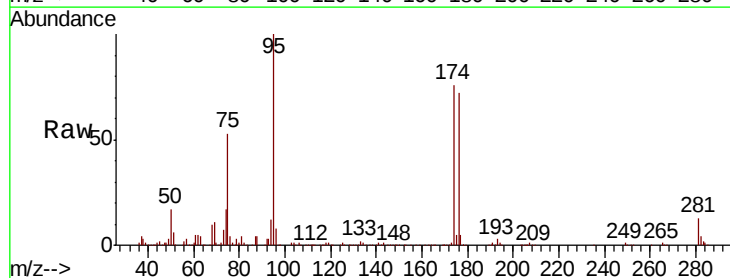
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 47.989 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	161.6
176	72.5	0.0	157.8





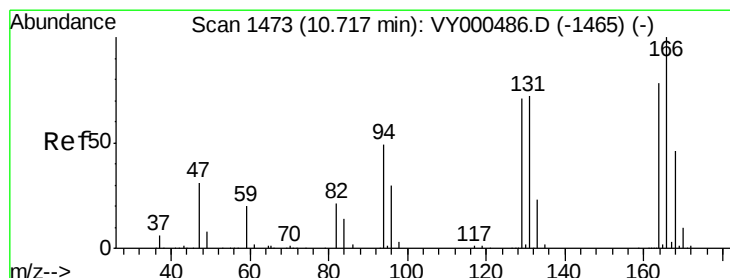
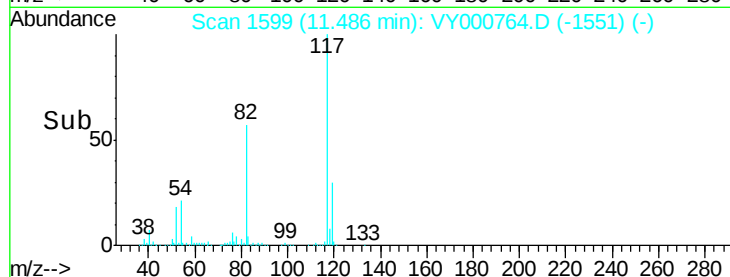
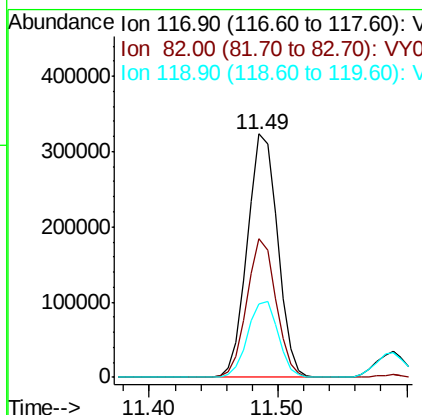
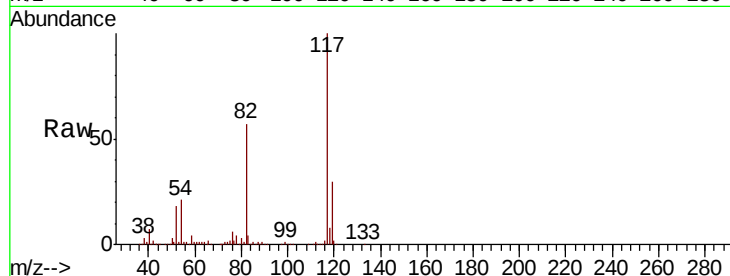
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	40.8	61.2
119	30.3	26.2	39.2

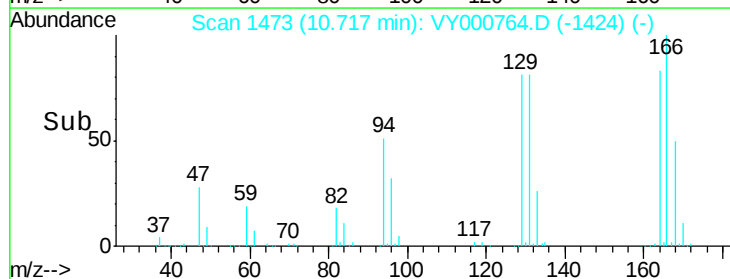
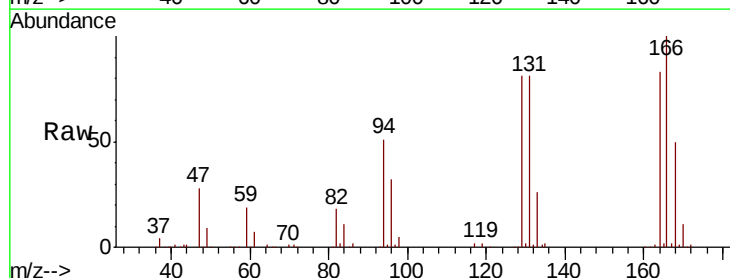
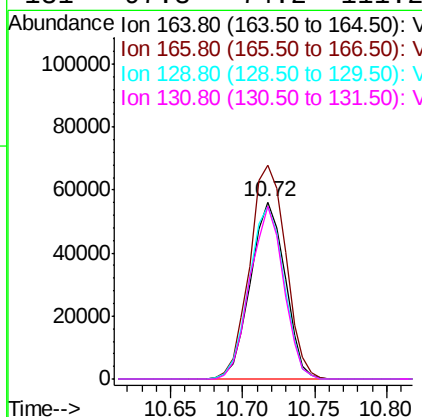
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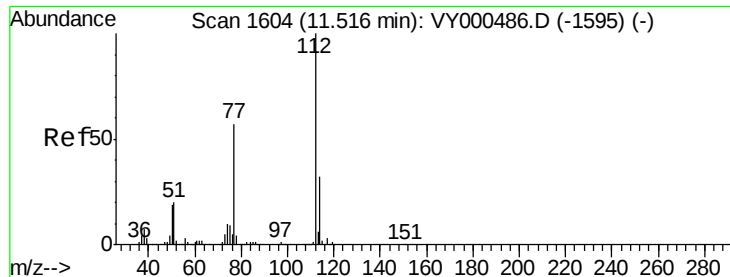
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#64
Tetrachloroethene
Concen: 21.496 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.7	102.7	154.1
129	97.4	73.2	109.8
131	97.3	74.2	111.2





#65

Chlorobenzene

Concen: 21.235 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion:112 Resp: 225572

Ion Ratio Lower Upper

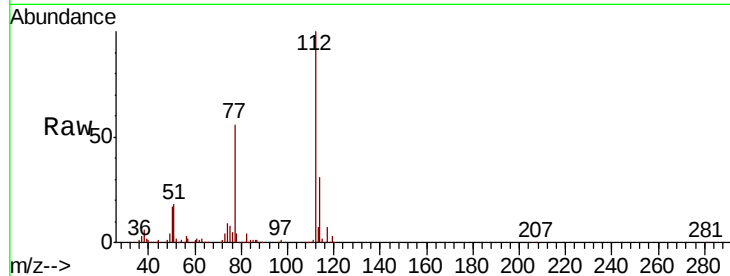
112 100

114 31.5 25.3 37.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

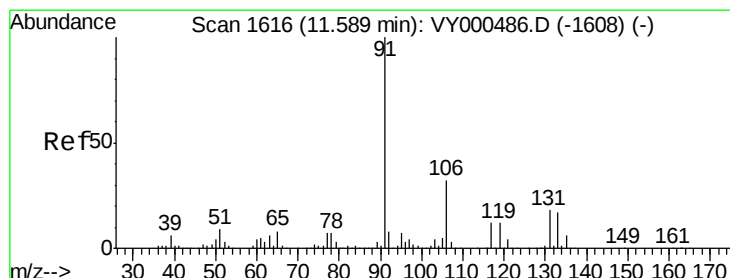
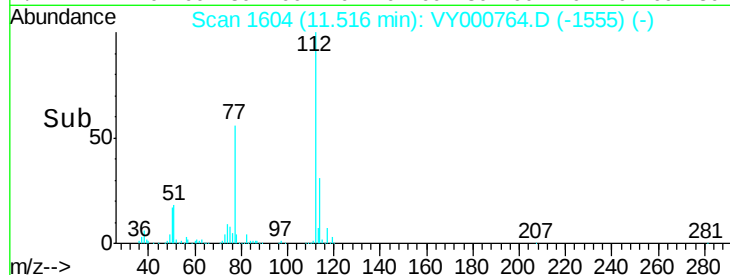
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.363 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

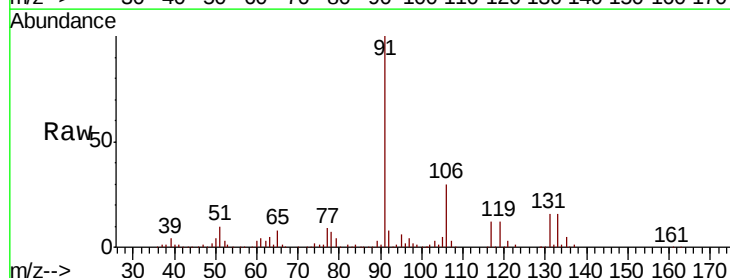
Tgt Ion:131 Resp: 75022

Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.8

119 70.4 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

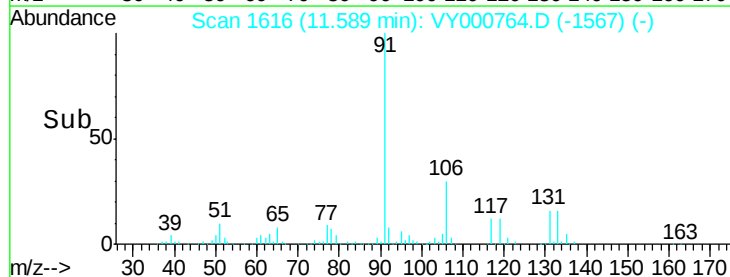
Ion 118.80 (118.50 to 119.50): V

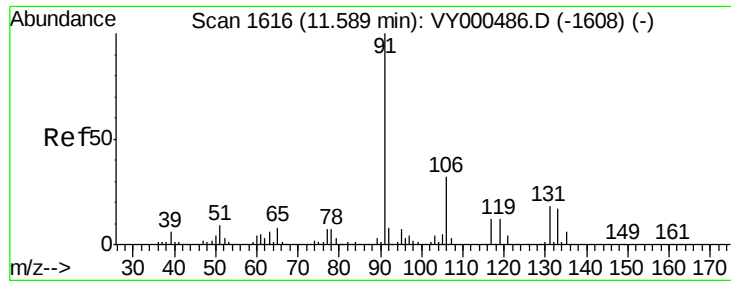
100000

50000

0

Time-->





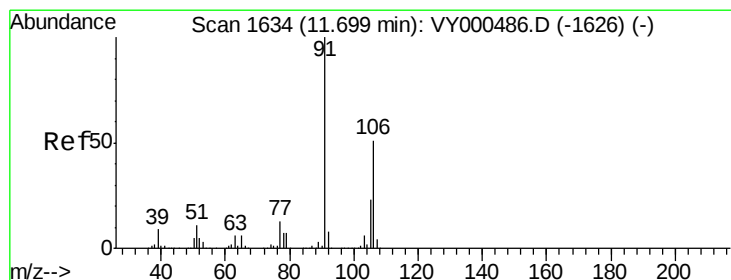
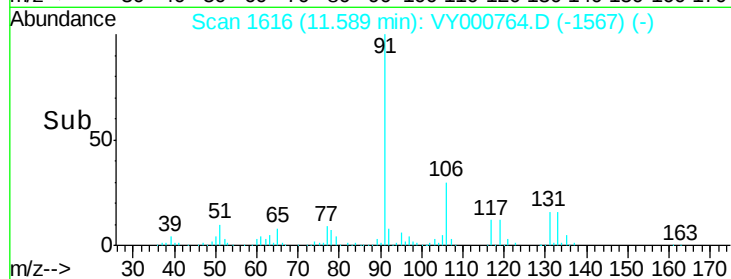
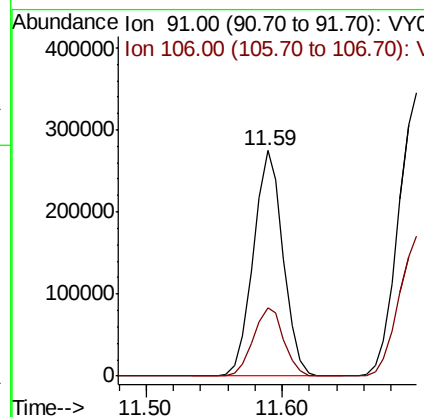
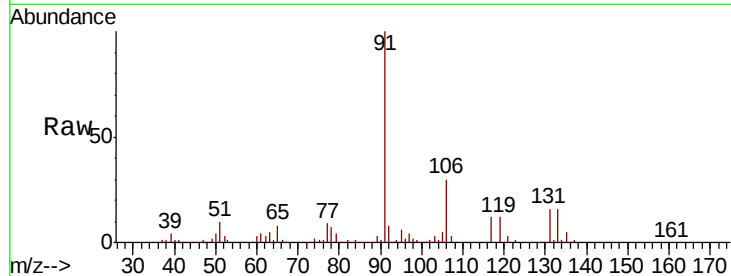
#67
Ethyl Benzene
Concen: 21.513 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 91 Resp: 420593
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0

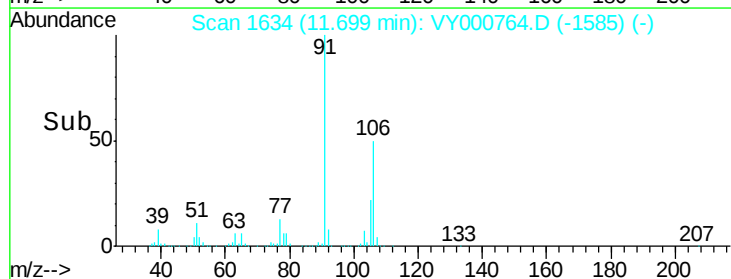
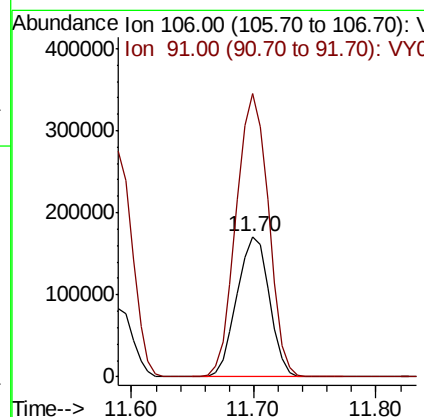
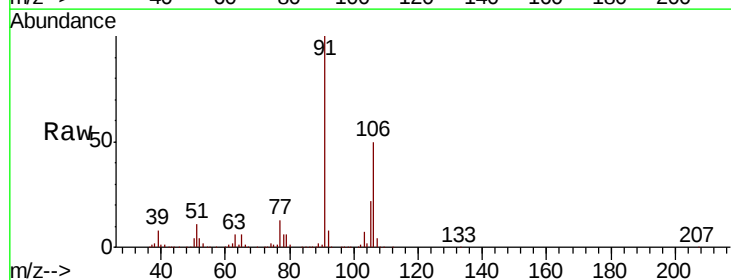
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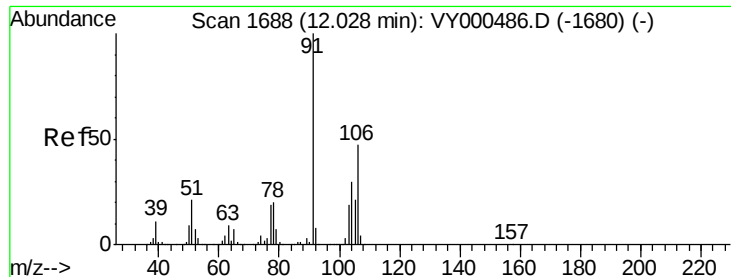
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#68
m/p-Xylenes
Concen: 41.450 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion: 106 Resp: 313649
Ion Ratio Lower Upper
106 100
91 201.2 155.9 233.9





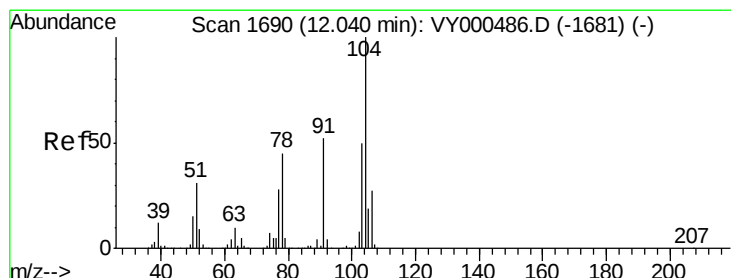
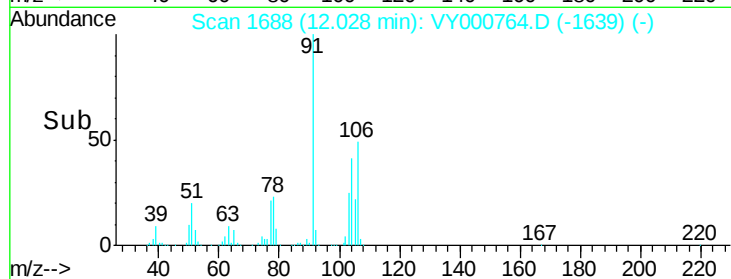
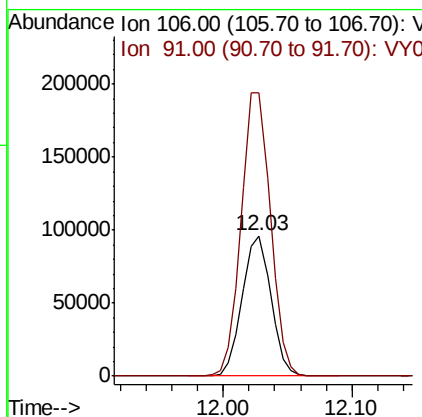
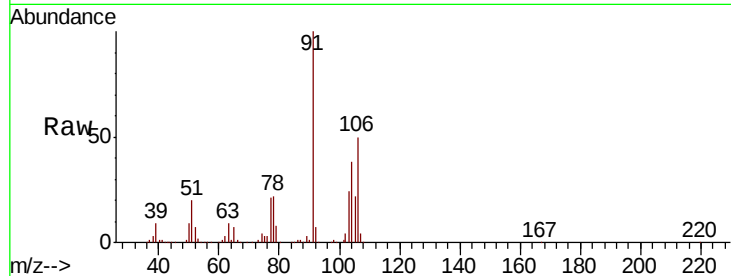
#69
o-Xylene
Concen: 20.933 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion:106 Resp: 148868
Ion Ratio Lower Upper
106 100
91 204.8 106.5 319.6

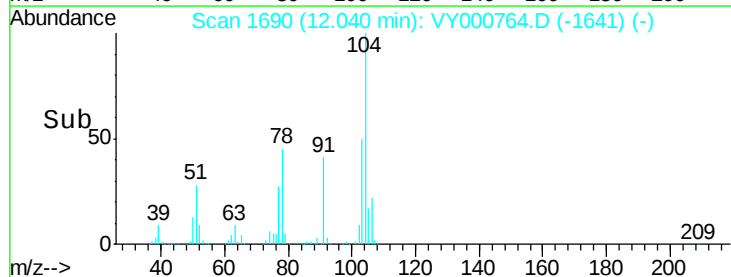
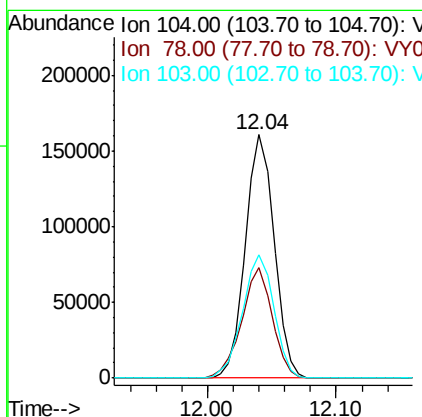
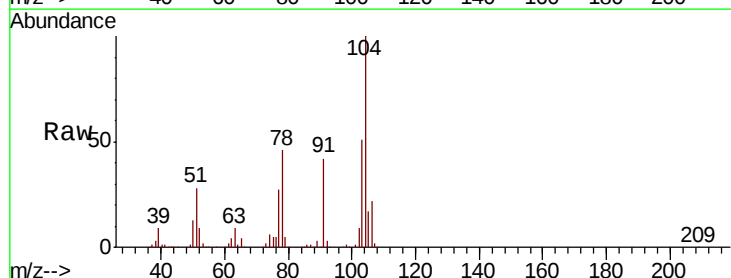
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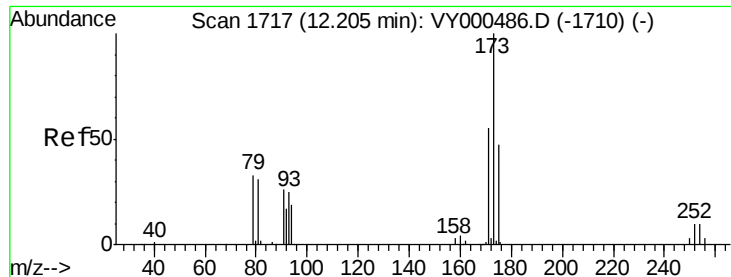
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#70
Styrene
Concen: 20.424 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion:104 Resp: 248711
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 55.0 42.5 63.7





#71

Bromoform

Concen: 19.798 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion:173 Resp: 41952

Ion Ratio Lower Upper

173 100

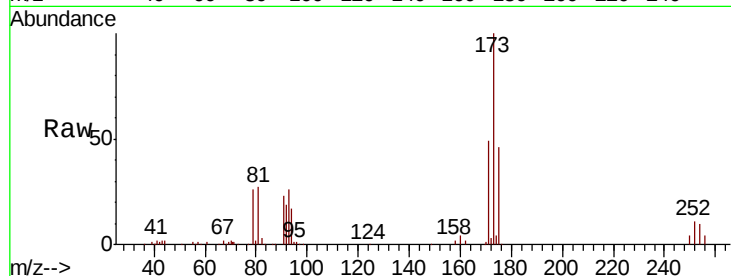
175 48.1 24.4 73.2

254 0.0 0.1 0.1#

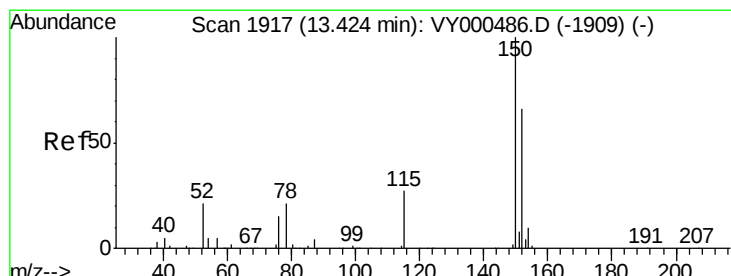
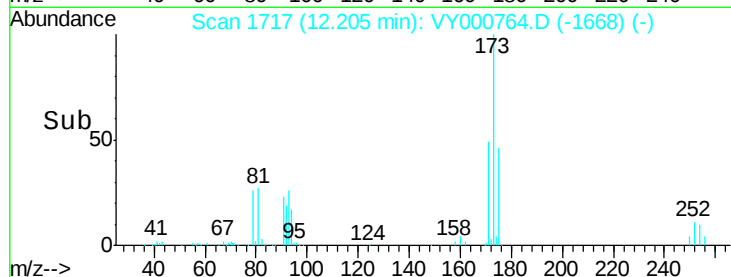
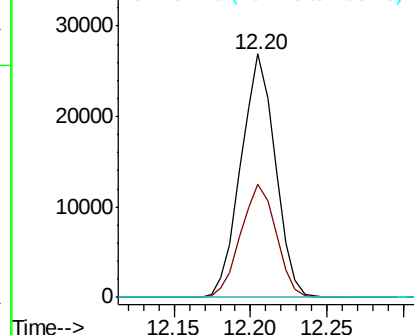
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

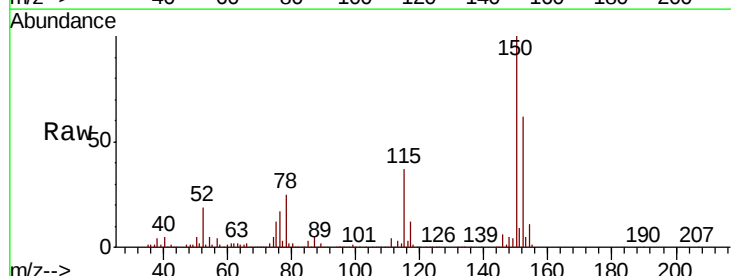
Tgt Ion:152 Resp: 243512

Ion Ratio Lower Upper

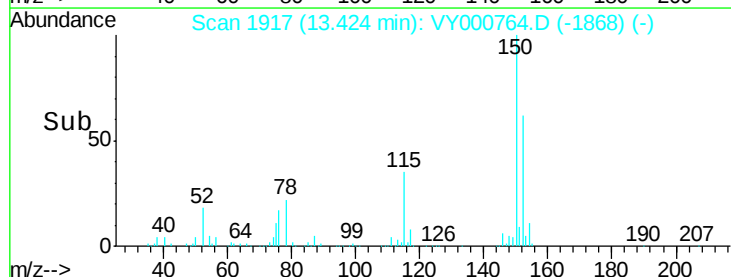
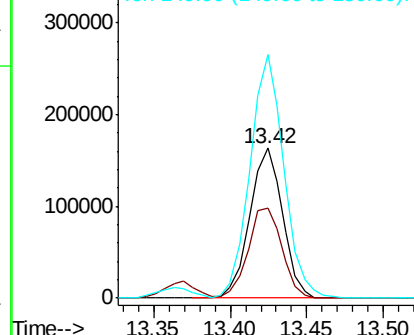
152 100

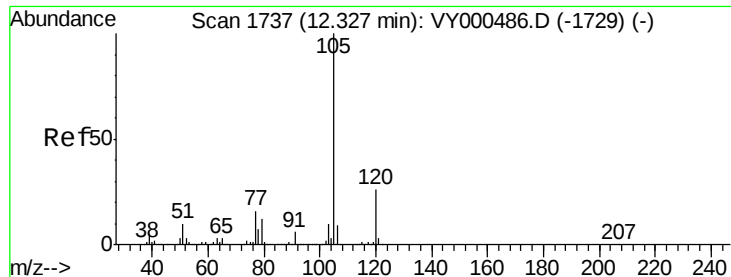
115 62.1 29.1 87.4

150 167.5 0.0 348.8



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





#73

Isopropylbenzene

Concen: 22.294 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 105 Resp: 401233

Ion Ratio Lower Upper

105 100

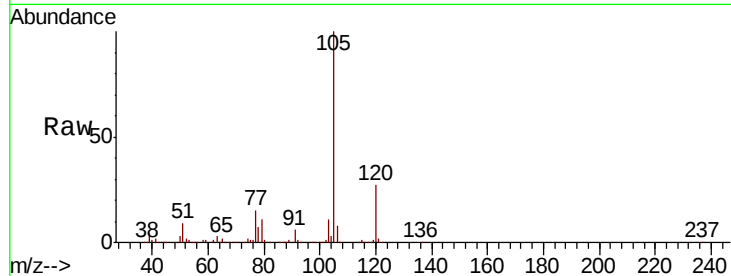
120 26.6 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

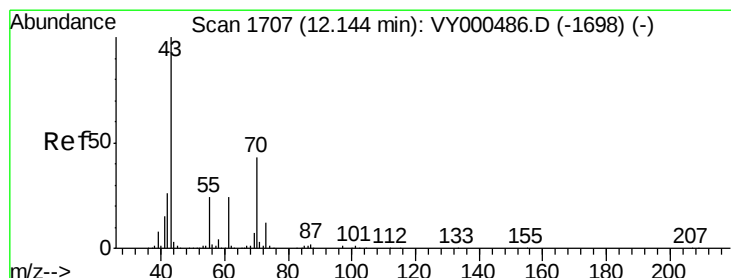
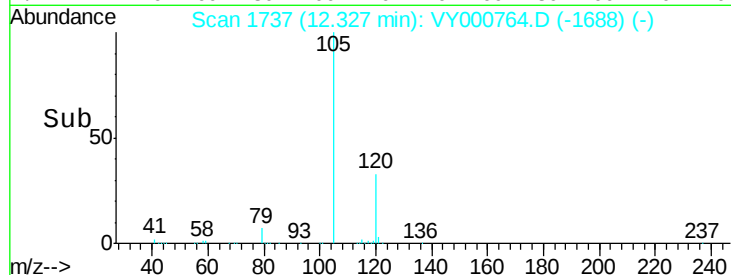
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.529 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion: 43 Resp: 105814

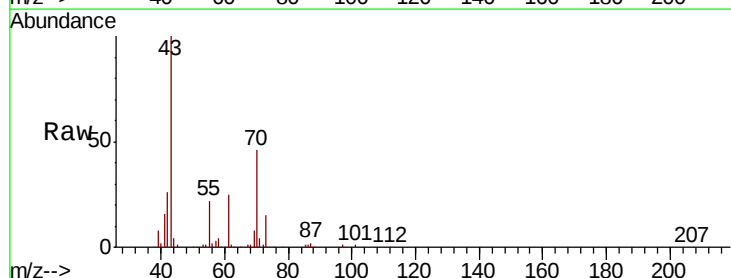
Ion Ratio Lower Upper

43 100

70 44.4 33.1 49.7

55 22.8 18.0 27.0

61 26.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

100000

80000

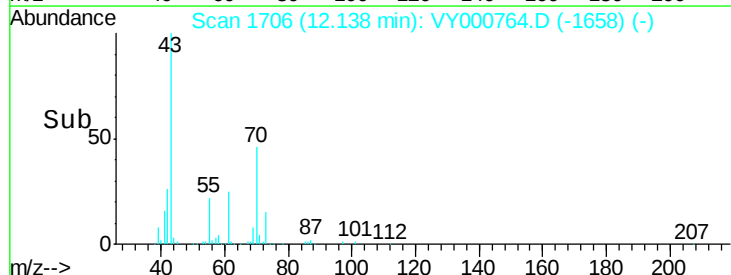
60000

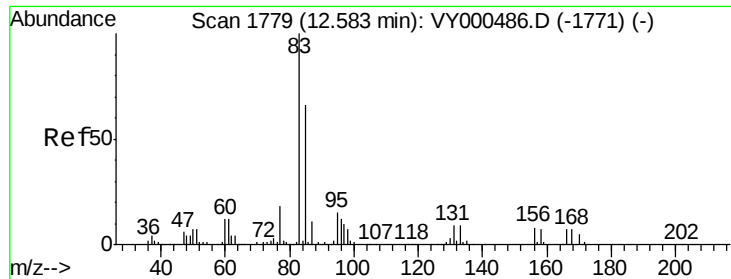
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.254 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

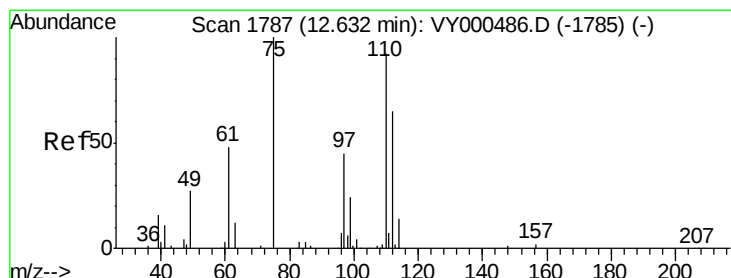
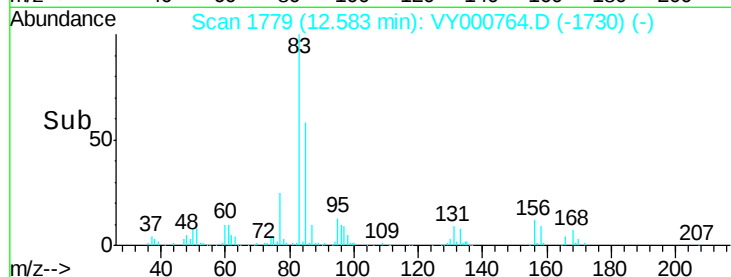
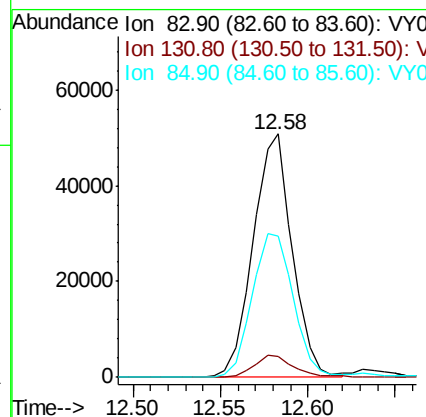
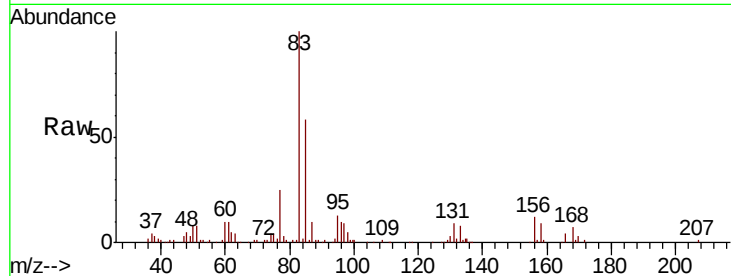
ClientSampleId :

VY1121SBS01

Tot Ion:	83	Resp:	79304
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.0	14.9
85	62.7	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.690 ug/l m

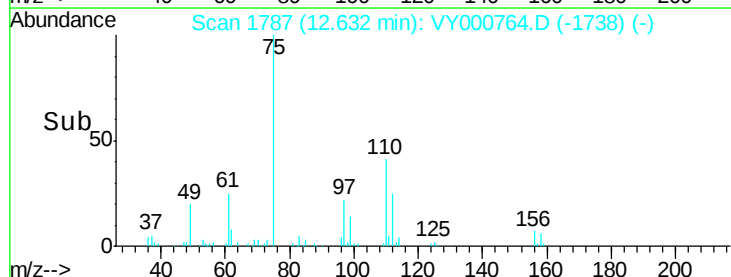
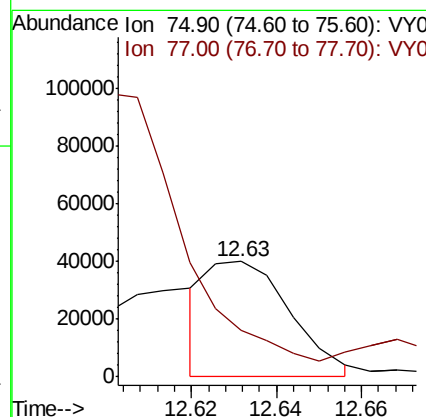
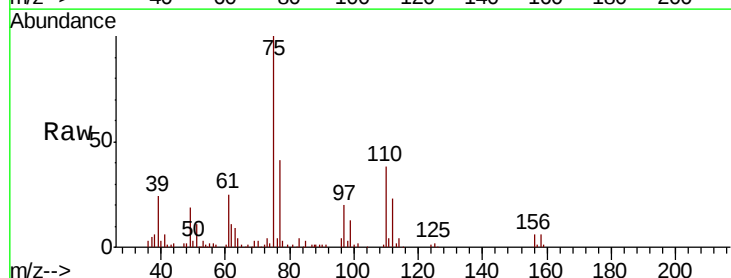
RT: 12.63 min Scan# 1787

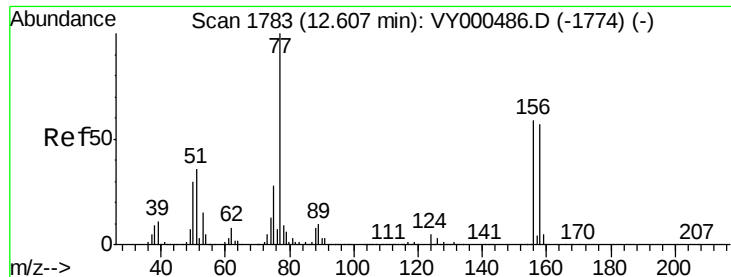
Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion:	75	Resp:	54594
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.916 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

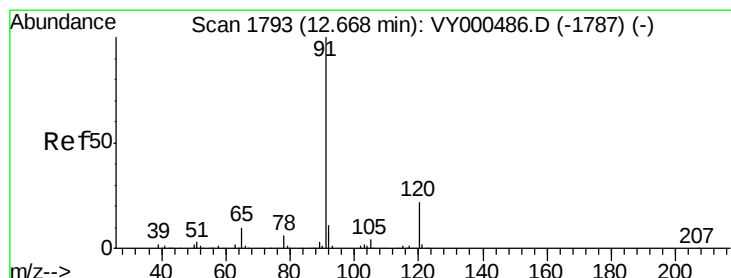
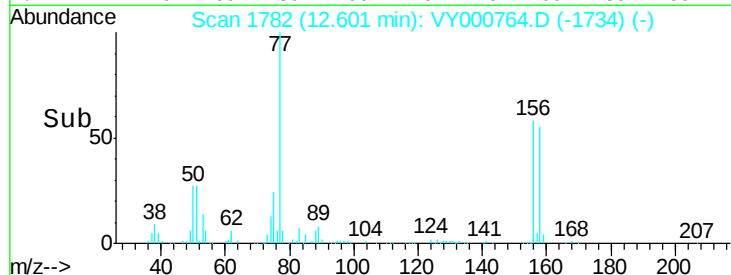
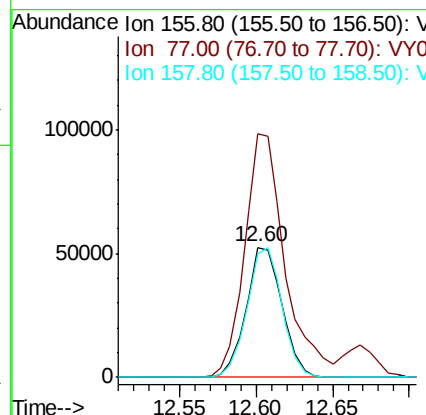
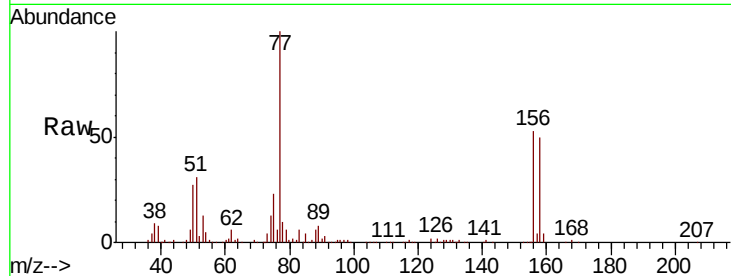
ClientSampleId :

VY1121SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		85363		
77	210.3		98.2	294.4	
158	97.0		49.6	149.0	

Manual Integrations
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#78

n-propylbenzene

Concen: 22.911 ug/l

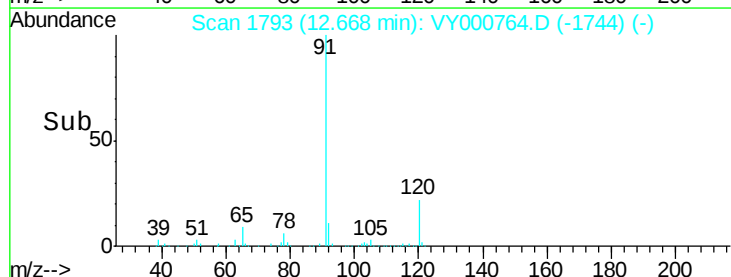
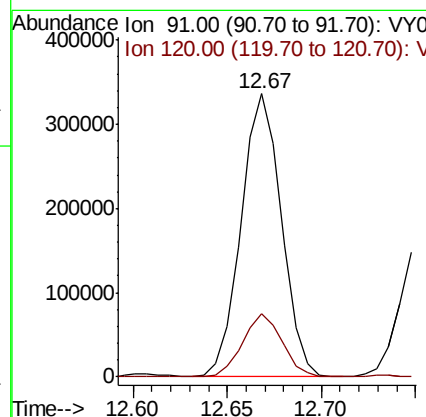
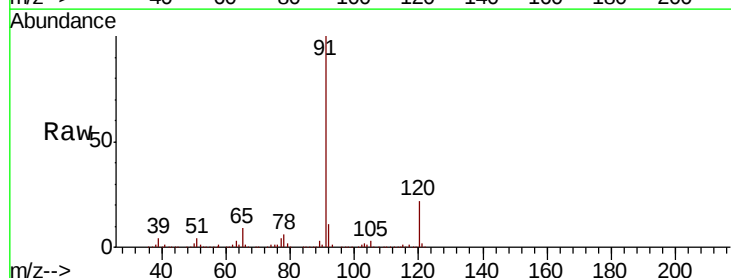
RT: 12.67 min Scan# 1793

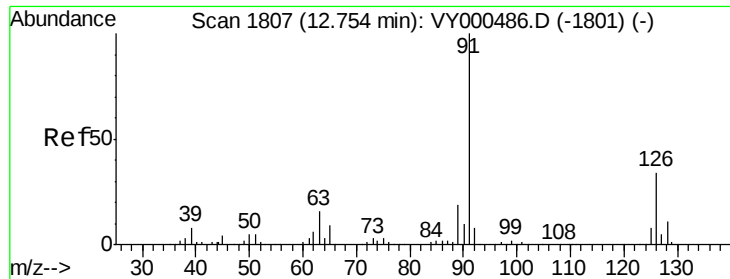
Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		497525		
120	21.9		11.4	34.1	





#79

2-Chlorotoluene

Concen: 22.144 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 91 Resp: 266960

Ion Ratio Lower Upper

91 100

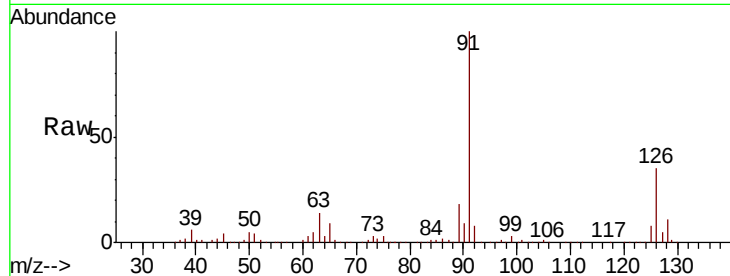
126 34.9 17.7 53.1

Manual Integrations

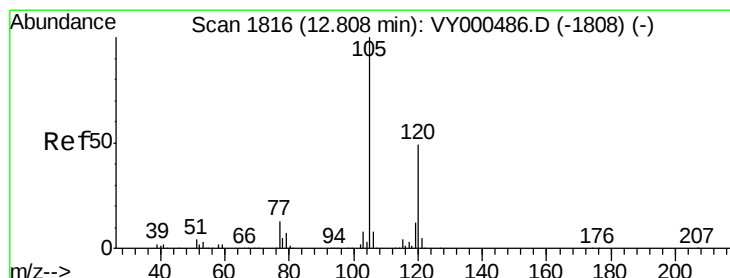
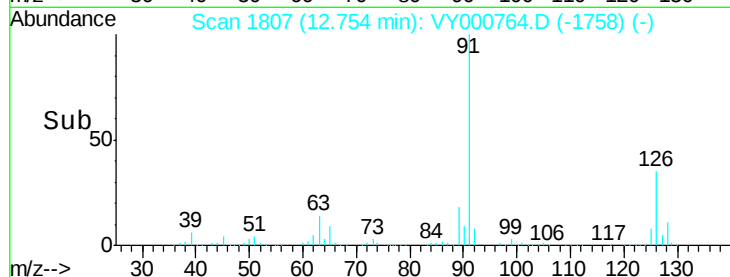
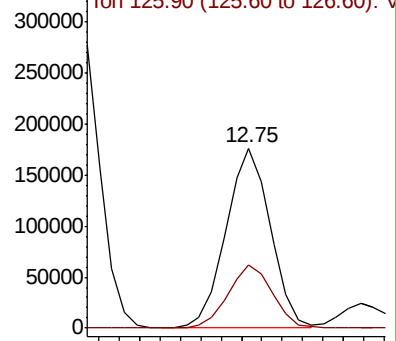
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Abundance Ion 91.00 (90.70 to 91.70): VY000764.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.557 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000764.D

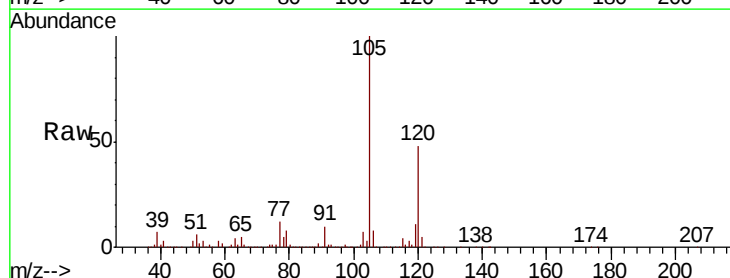
Acq: 21 Nov 2019 13:52

Tgt Ion: 105 Resp: 338113

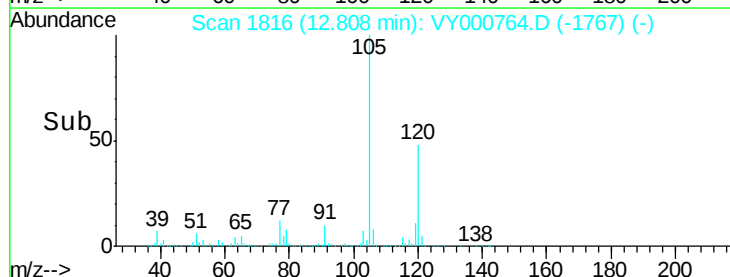
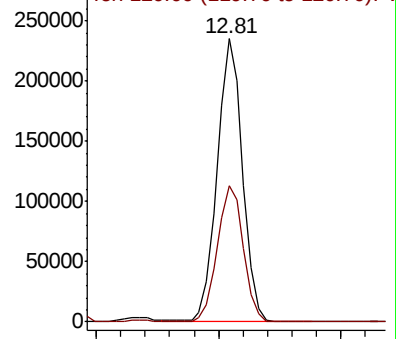
Ion Ratio Lower Upper

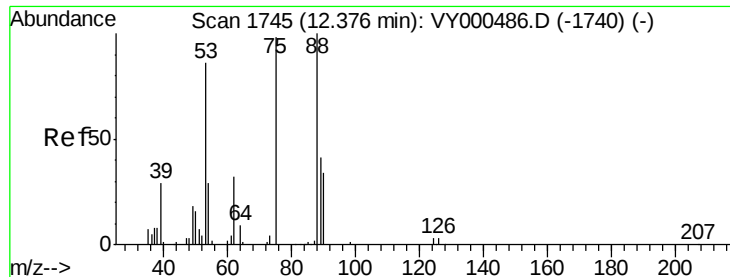
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000764.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.602 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

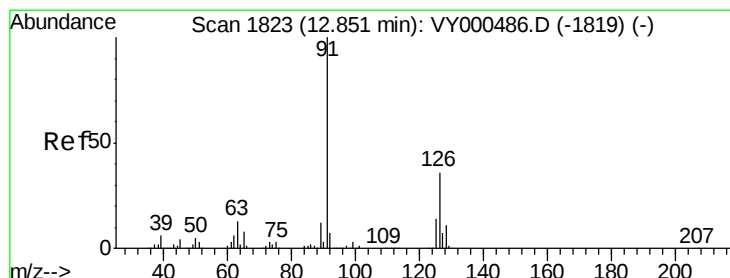
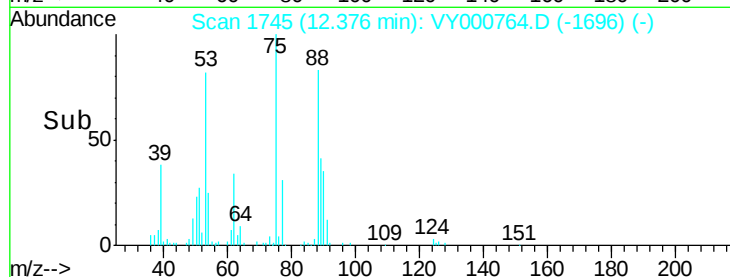
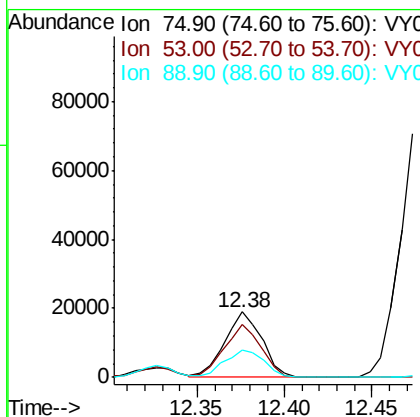
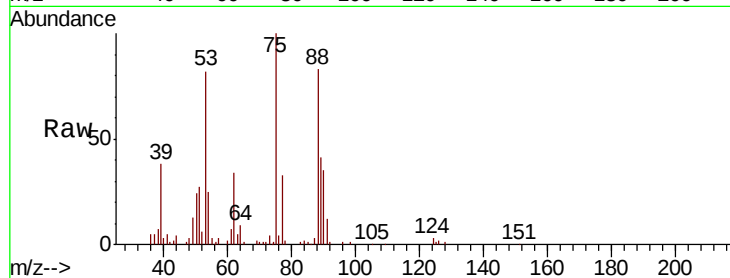
ClientSampleId :

VY1121SBS01

Tot Ion:	75	Resp:	27950
Ion	Ratio	Lower	Upper
75	100		
53	81.5	73.2	109.8
89	44.5	35.9	53.9

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#82

4-Chlorotoluene

Concen: 22.606 ug/l

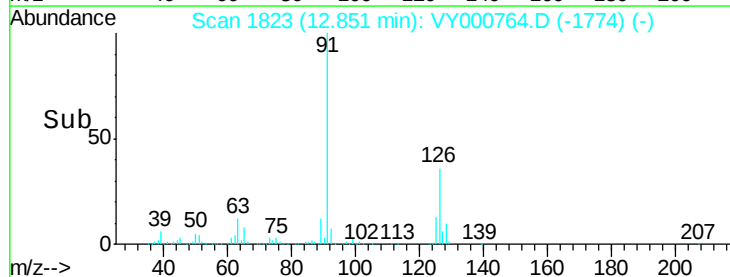
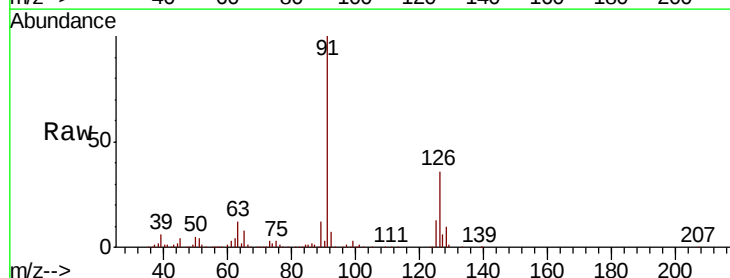
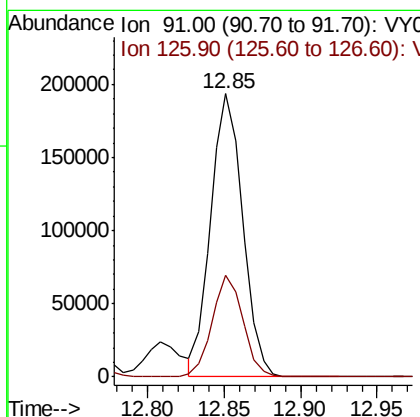
RT: 12.85 min Scan# 1823

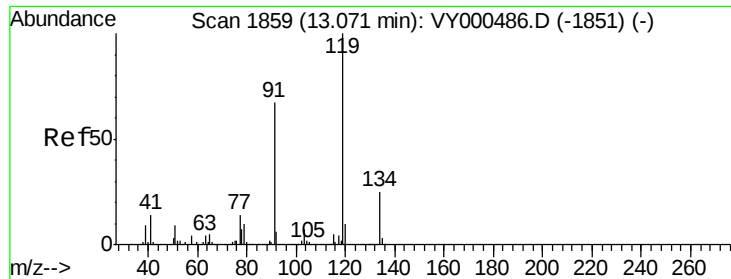
Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion:	91	Resp:	282498
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.6	52.9





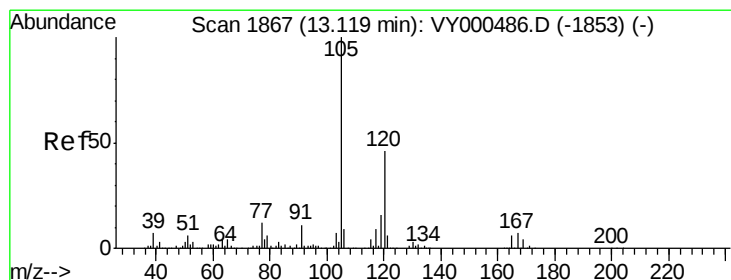
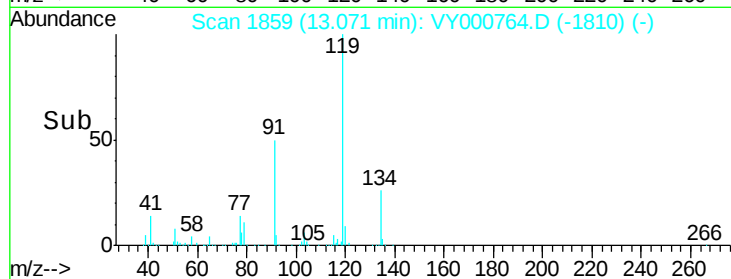
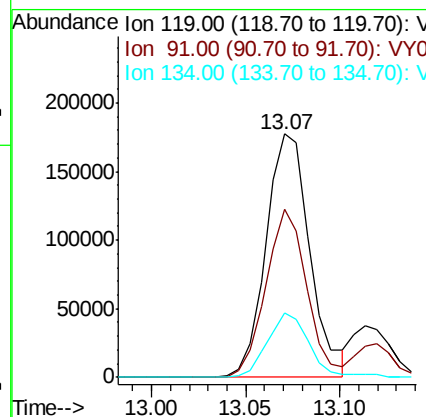
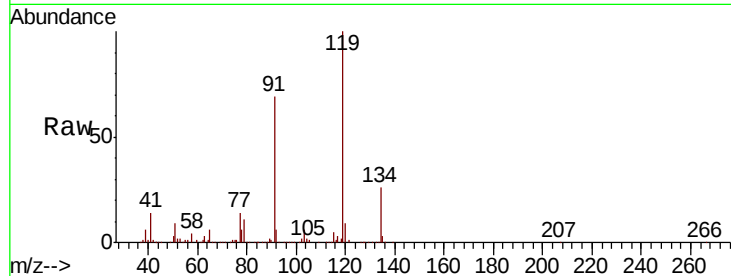
#83
tert-Butylbenzene
Concen: 22.310 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	285525		
91	64.7	32.1	96.3	
134	25.5	13.2	39.5	

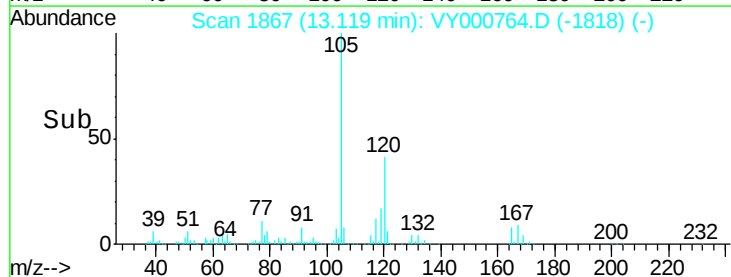
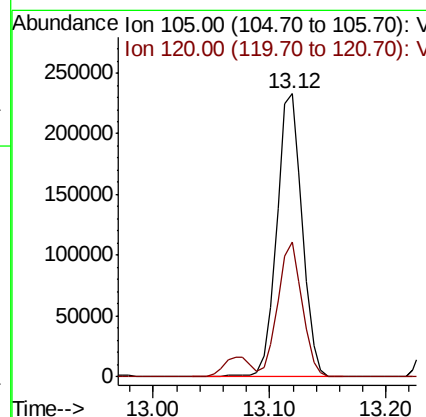
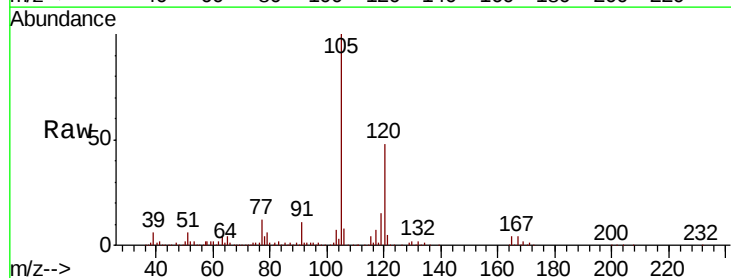
Manual Integrations
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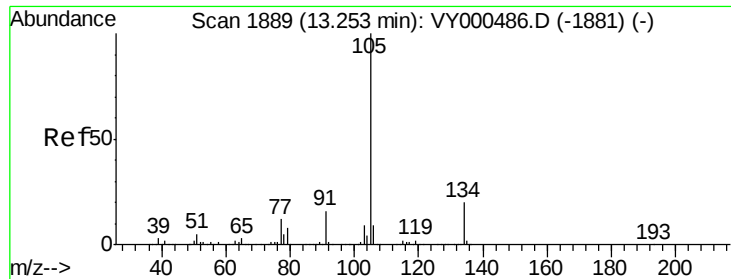
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#84
1,2,4-Trimethylbenzene
Concen: 23.549 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	351452		
120	45.8	23.3	69.9	





#85

sec-Butylbenzene

Concen: 22.844 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion:105 Resp: 416537

Ion Ratio Lower Upper

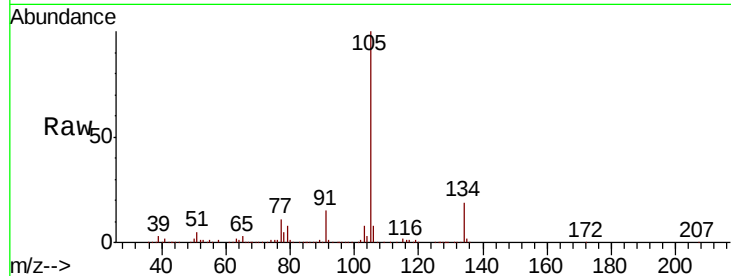
105 100

134 19.5 10.1 30.1

Manual Integrations
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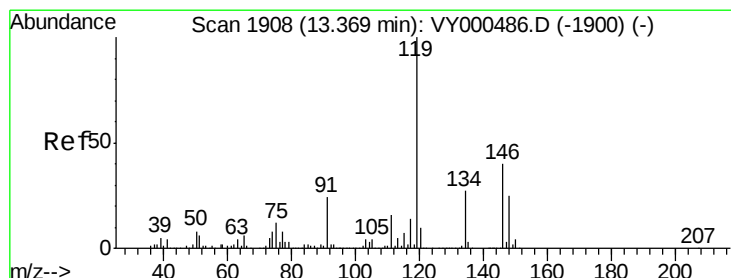
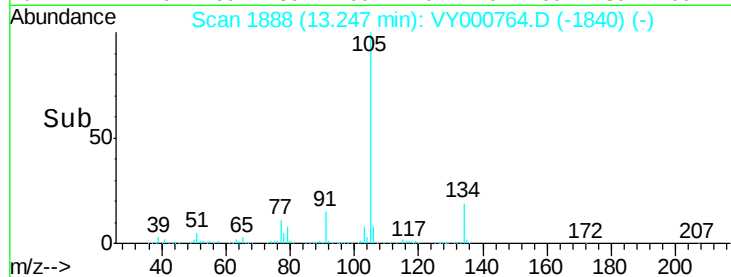
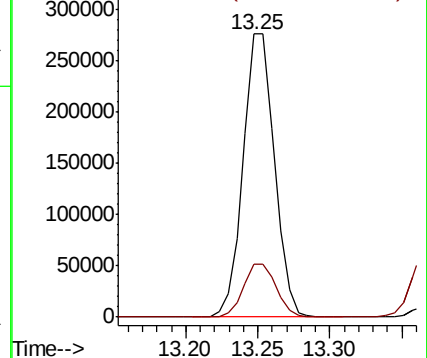
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.986 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

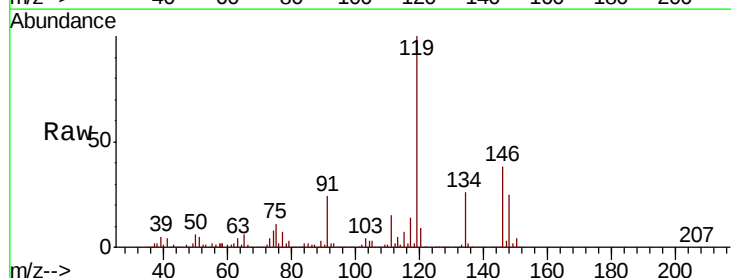
Tgt Ion:119 Resp: 357297

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

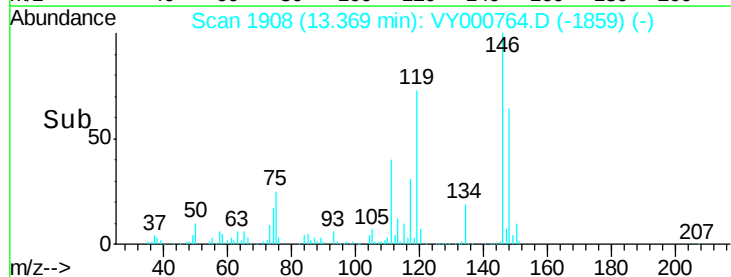
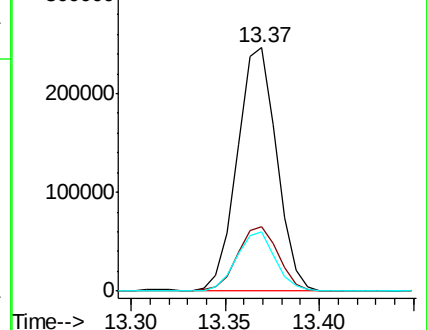
91 23.8 12.0 36.1

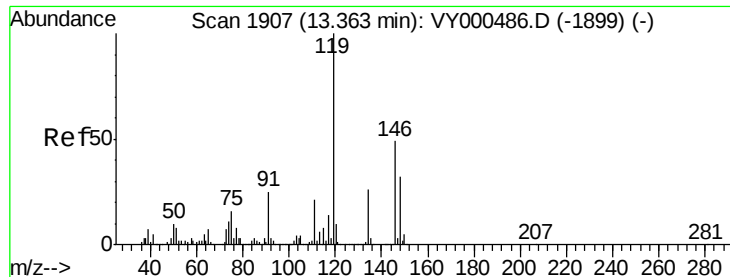


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





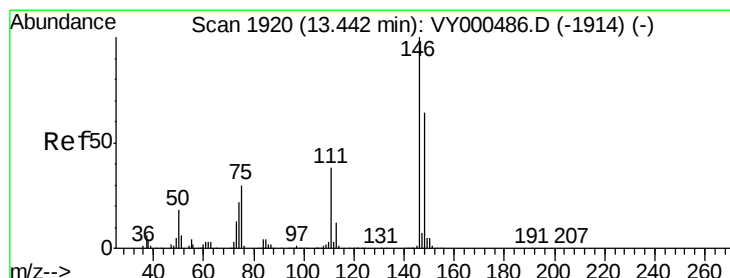
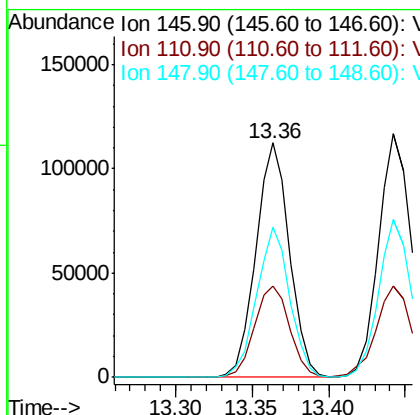
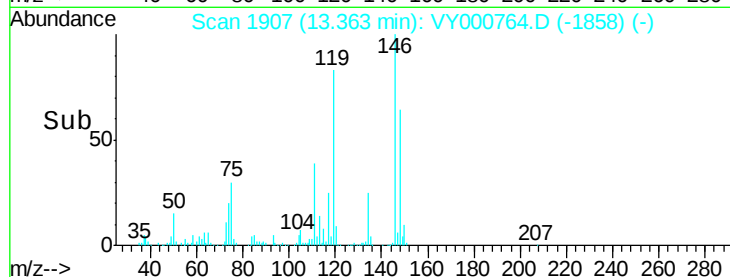
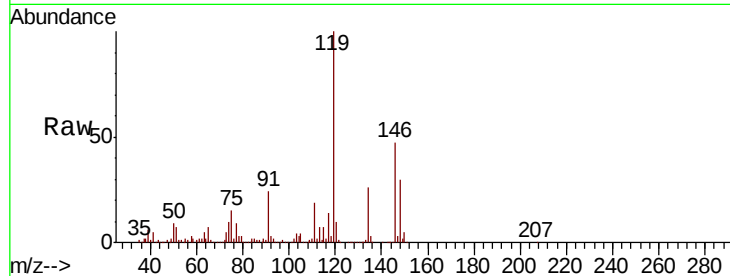
#87
 1,3-Dichlorobenzene
 Concen: 21.486 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	63.0	31.5	94.5

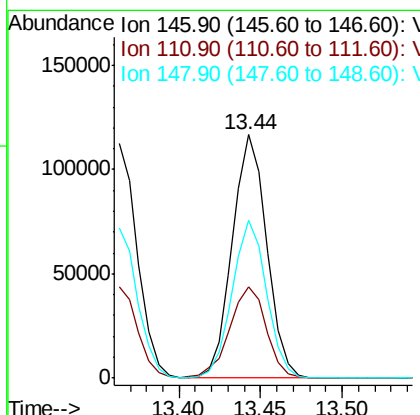
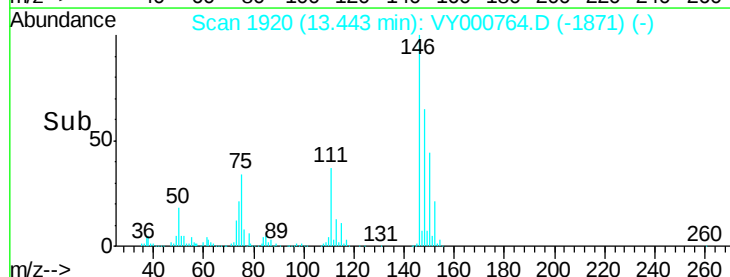
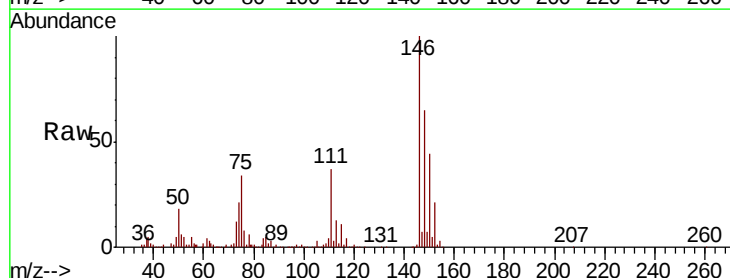
Manual Integrations
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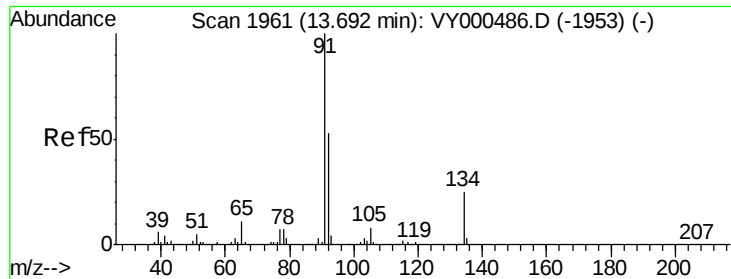
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#88
 1,4-Dichlorobenzene
 Concen: 21.515 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	64.6	31.9	95.7





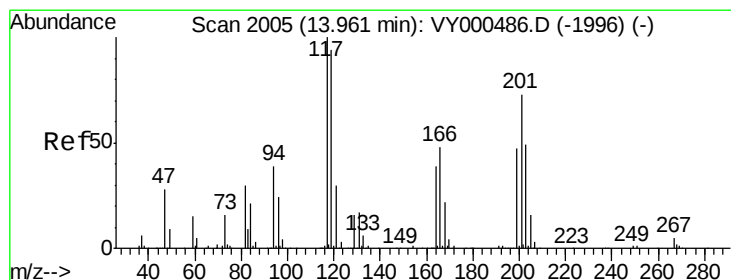
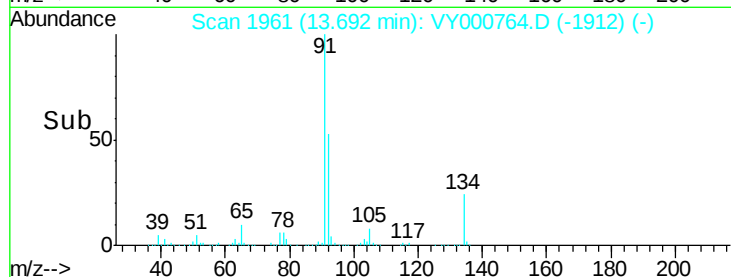
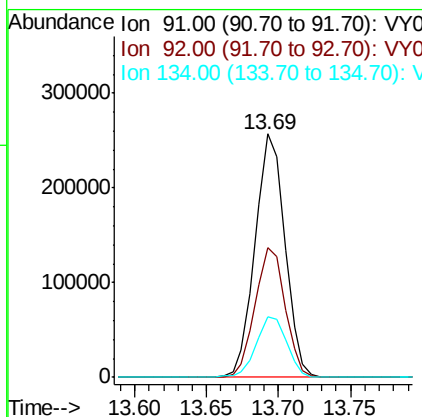
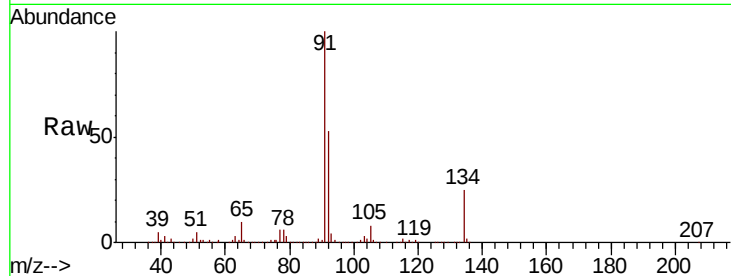
#89
n-Butylbenzene
Concen: 22.906 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	367150		
92	53.6	26.8	80.3	
134	25.5	12.9	38.7	

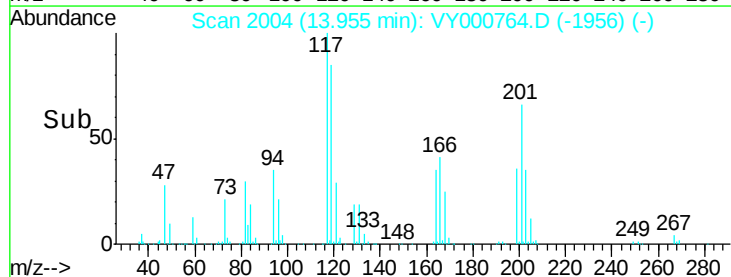
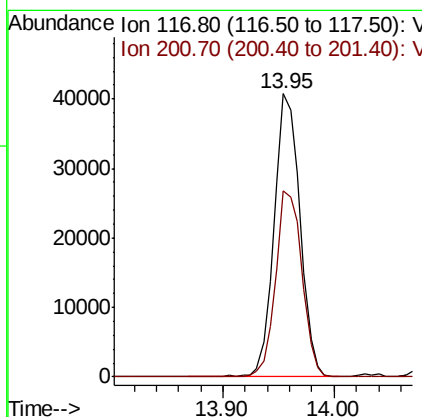
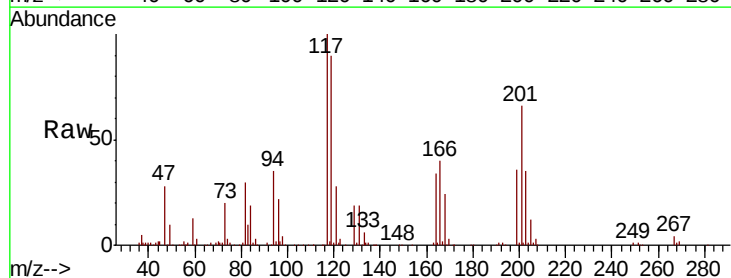
Manual Integrations
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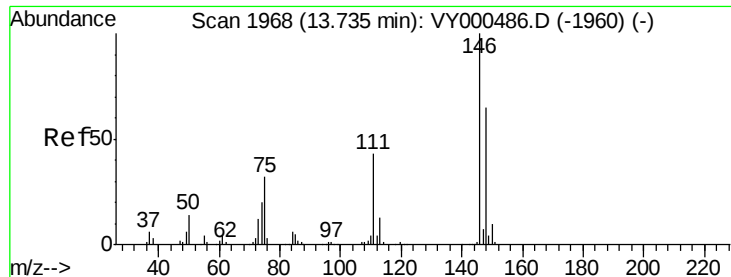
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#90
Hexachloroethane
Concen: 21.925 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000764.D
Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65870		
201	66.5	35.8	107.3	





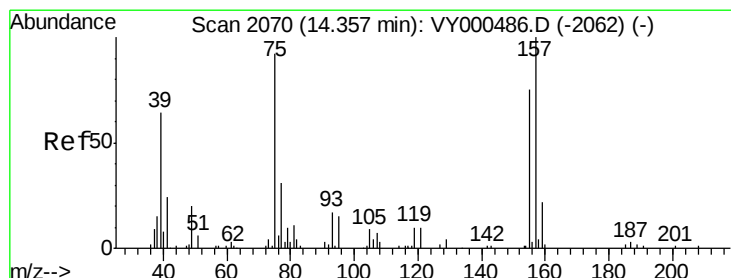
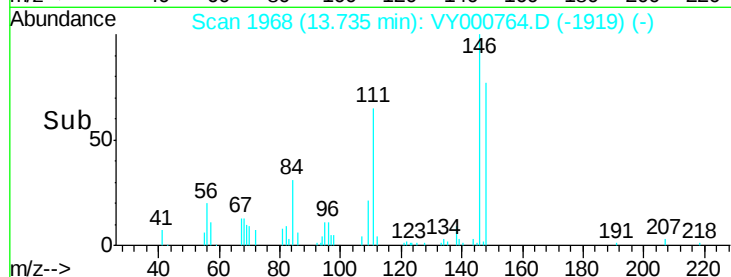
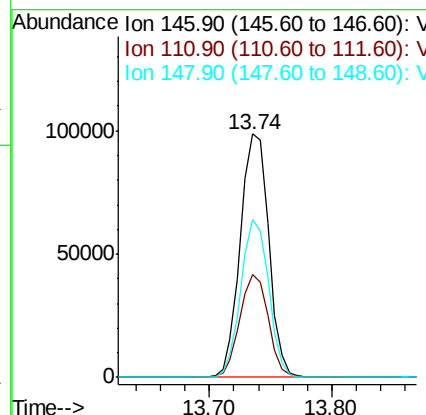
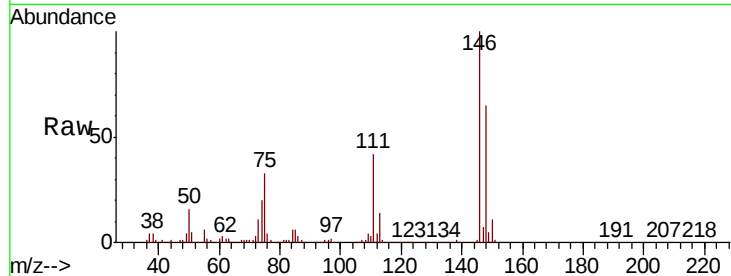
#91
 1,2-Dichlorobenzene
 Concen: 21.873 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.5	61.5
148	63.5	31.7	95.1

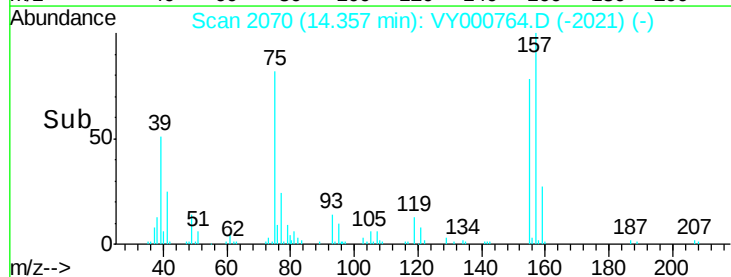
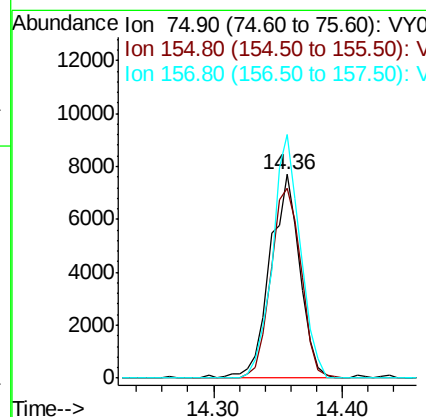
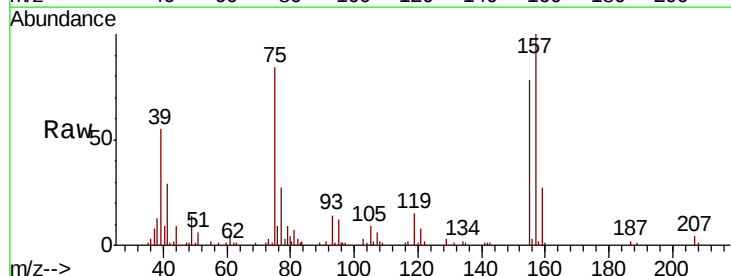
Manual Integrations
 APPROVED

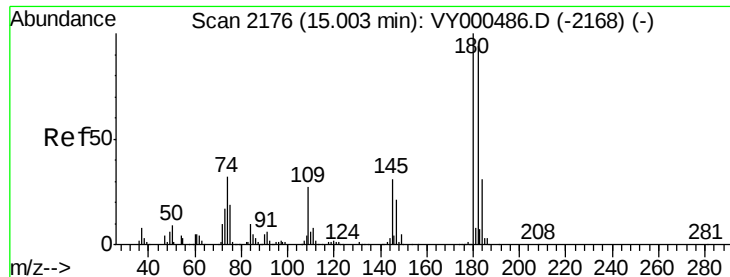
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 11/23/2019 6:11:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.689 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	42.4	127.1
157	111.1	55.1	165.3





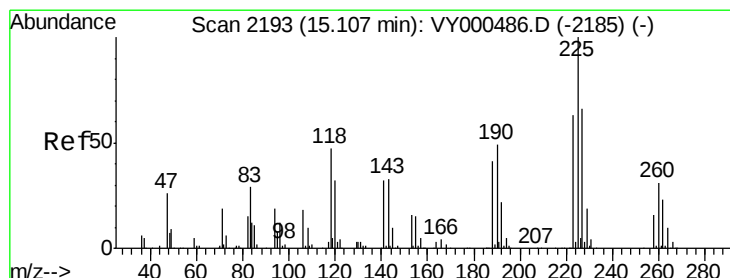
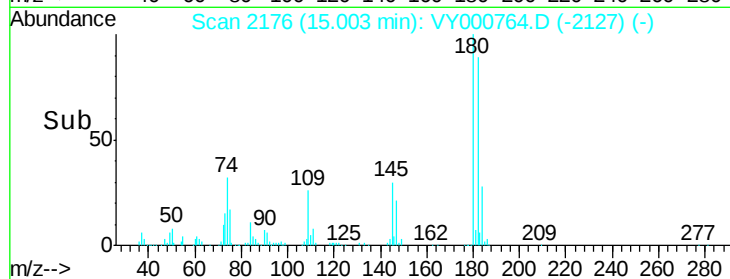
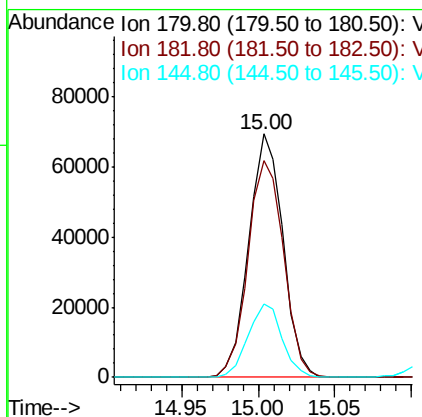
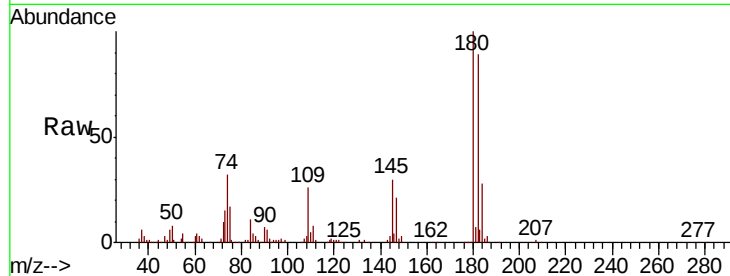
#93
 1,2,4-Trichlorobenzene
 Concen: 21.905 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.4	47.8	143.4	
145	30.0	16.0	47.9	

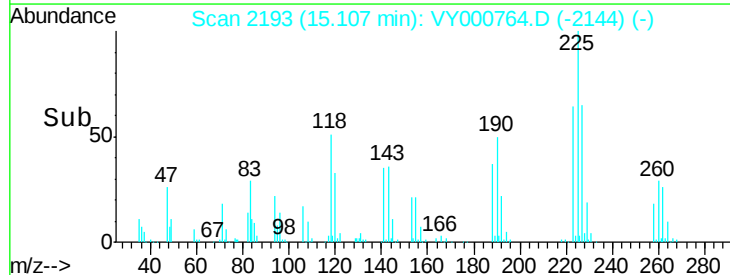
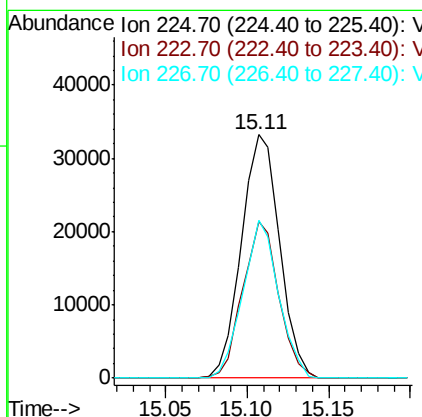
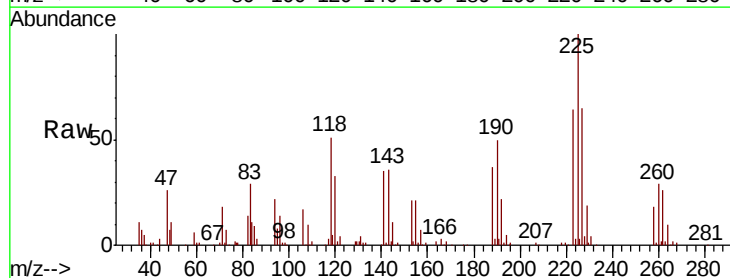
Manual Integrations
 APPROVED

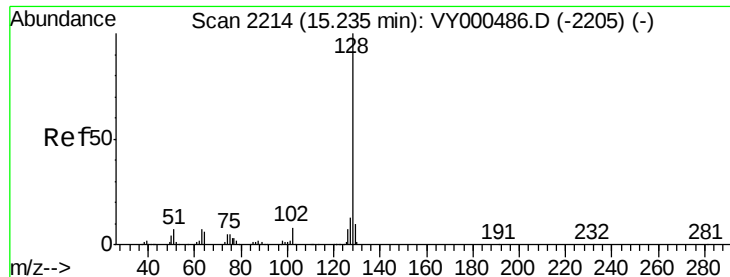
MMDadoda
 11/23/2019 6:11:08 AM



#94
 Hexachlorobutadiene
 Concen: 21.291 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000764.D
 Acq: 21 Nov 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	31.3	93.8	
227	60.8	32.4	97.0	





#95

Naphthalene

Concen: 22.532 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_Y

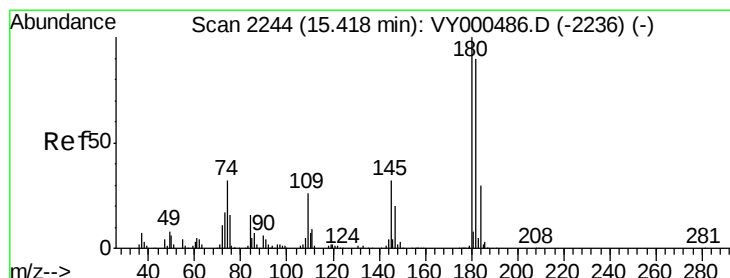
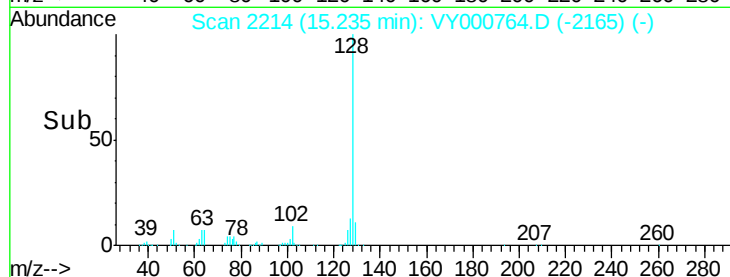
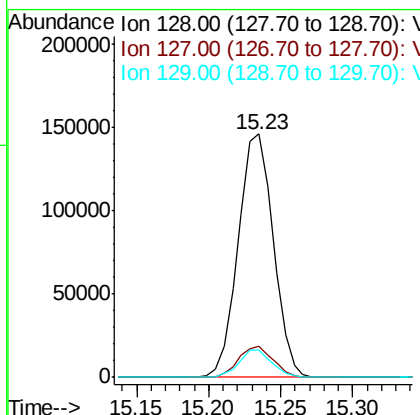
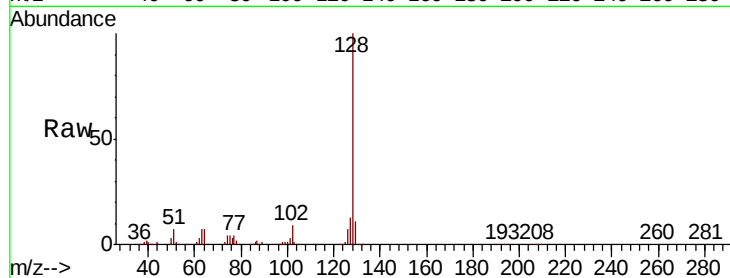
ClientSampleId :

VY1121SBS01

Tot Ion:	128	Resp:	247022
Ion Ratio	Lower	Upper	
128	100		
127	12.5	9.8	14.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2019 6:11:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.632 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000764.D

Acq: 21 Nov 2019 13:52

Tgt Ion:	180	Resp:	95842
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.4	142.3
145	32.0	15.7	47.0

