

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000007.D
 Acq On : 11 Sep 2019 18:27
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:34 PM

Quant Time: Sep 19 11:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	158489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	289371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	248383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	235602	134.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.30%	
35) Dibromofluoromethane	7.72	113	228045	133.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	267.28%	
50) Toluene-d8	10.18	98	987024	145.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.48%	
62) 4-Bromofluorobenzene	12.48	95	328040	134.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	149833	167.891	ug/l	99
4) Vinyl Chloride	2.25	62	237753	175.883	ug/l	100
5) Bromomethane	2.61	94	135560	183.199	ug/l	95
6) Chloroethane	2.77	64	160785	195.957	ug/l	97
7) Trichlorofluoromethane	3.11	101	300074	276.899	ug/l	96
8) Diethyl Ether	3.53	74	121479	160.262	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	208809	150.396	ug/l	99
10) Methyl Iodide	4.08	142	259230	149.334	ug/l	98
11) Tert butyl alcohol	4.98	59	110772	774.228	ug/l	99
12) 1,1-Dichloroethene	3.86	96	196282	148.942	ug/l	92
13) Acrolein	3.73	56	99719	702.143	ug/l	99
14) Allyl chloride	4.47	41	303040	116.590	ug/l	98
15) Acrylonitrile	5.17	53	378050	842.645	ug/l	98
16) Acetone	3.95	43	276607	592.768	ug/l	95
17) Carbon Disulfide	4.18	76	392397	141.816	ug/l	100
18) Methyl Acetate	4.48	43	162014	141.674	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	563377	201.215	ug/l	96
20) Methylene Chloride	4.71	84	228309	148.712	ug/l	93
21) trans-1,2-Dichloroethene	5.21	96	214301	158.666	ug/l	91
22) Diisopropyl ether	6.12	45	664933	128.313	ug/l	94
23) Vinyl Acetate	6.06	43	2262747	683.094	ug/l	100
24) 1,1-Dichloroethane	6.02	63	399934	141.144	ug/l	99
25) 2-Butanone	6.99	43	446527	699.791	ug/l	98
26) 2,2-Dichloropropane	6.98	77	334467	176.754	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	272371	170.834	ug/l	99
28) Bromochloromethane	7.34	49	192065	145.478	ug/l	99
29) Tetrahydrofuran	7.35	42	279191	712.162	ug/l	99
30) Chloroform	7.51	83	401082	141.089	ug/l	95
31) Cyclohexane	7.78	56	307177	120.659	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	337595	146.555	ug/l	99
36) 1,1-Dichloropropene	7.92	75	289217	118.022	ug/l	99
37) Ethyl Acetate	7.08	43	182190	115.484	ug/l	100
38) Carbon Tetrachloride	7.90	117	280624	116.598	ug/l	93
39) Methylcyclohexane	9.18	83	360069	128.468	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.16	78	952039	136.492	ug/l	99
41) Methacrylonitrile	7.33	41	116451m	125.972	ug/l	
42) 1,2-Dichloroethane	8.24	62	242517	103.232	ug/l	98
43) Isopropyl Acetate	8.28	43	353178	118.385	ug/l	98
44) Trichloroethene	8.94	130	239364	132.875	ug/l	99
45) 1,2-Dichloropropane	9.21	63	241348	125.699	ug/l	99
46) Dibromomethane	9.31	93	126997	137.439	ug/l	99
47) Bromodichloromethane	9.49	83	315693	126.701	ug/l #	96
48) Methyl methacrylate	9.29	41	159859	112.354	ug/l	98
49) 1,4-Dioxane	9.30	88	47633	2543.569	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	957131	605.656	ug/l	99
52) Toluene	10.24	92	603258	138.298	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	337166	130.842	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	381330	130.488	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	202096	144.916	ug/l	98
56) Ethyl methacrylate	10.51	69	285925	140.565	ug/l	99
57) 1,3-Dichloropropane	10.79	76	327970	129.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	695174	638.620	ug/l	99
59) 2-Hexanone	10.84	43	663023	574.346	ug/l	100
60) Dibromochloromethane	10.98	129	218537	135.440	ug/l	99
61) 1,2-Dibromoethane	11.09	107	181488	141.500	ug/l	97
64) Tetrachloroethene	10.71	164	199324	134.615	ug/l	97
65) Chlorobenzene	11.51	112	637966	137.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	216981	128.336	ug/l	99
67) Ethyl Benzene	11.59	91	1175654	136.529	ug/l	100
68) m/p-Xylenes	11.70	106	889432	281.855	ug/l	98
69) o-Xylene	12.02	106	426940	143.604	ug/l	95
70) Stvrene	12.04	104	768370	146.961	ug/l	99
71) Bromoform	12.20	173	132053	138.483	ug/l #	99
73) Isopropylbenzene	12.32	105	1164849	154.457	ug/l	99
74) N-amyl acetate	12.14	43	321067	136.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	246387	157.453	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	173233m	154.922	ug/l	
77) Bromobenzene	12.60	156	243555	143.427	ug/l	98
78) n-propylbenzene	12.66	91	1413735	155.794	ug/l	99
79) 2-Chlorotoluene	12.75	91	779207	150.448	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	946035	149.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	98394	182.564	ug/l	99
82) 4-Chlorotoluene	12.85	91	818811	149.460	ug/l	100
83) tert-Butylbenzene	13.07	119	834486	149.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	926399	144.408	ug/l	98
85) sec-Butylbenzene	13.25	105	1197941	153.028	ug/l	100
86) p-Isopropyltoluene	13.37	119	1013629	143.645	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	465456	138.672	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	470584	141.178	ug/l	100
89) n-Butylbenzene	13.69	91	1041155	150.554	ug/l	99
90) Hexachloroethane	13.96	117	199115	157.940	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	434588	143.423	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	44158	153.074	ug/l	97
93) 1,2,4-Trichlorobenzene	15.00	180	270395	132.245	ug/l	97

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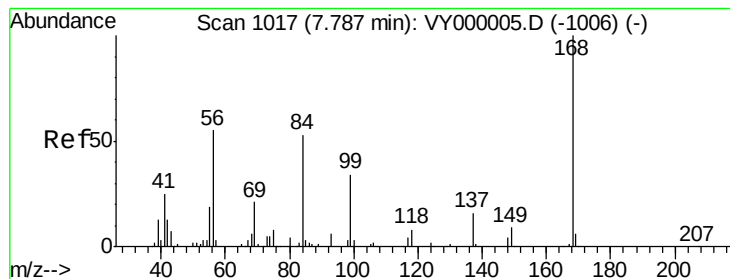
Manual Integrations
APPROVED

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QLast Update : Thu Sep 12 08:42:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.10	225	128533	94.739	ug/l	98
95) Naphthalene	15.23	128	718566	176.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	245440	134.922	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 158489

Ion Ratio Lower Upper

168 100

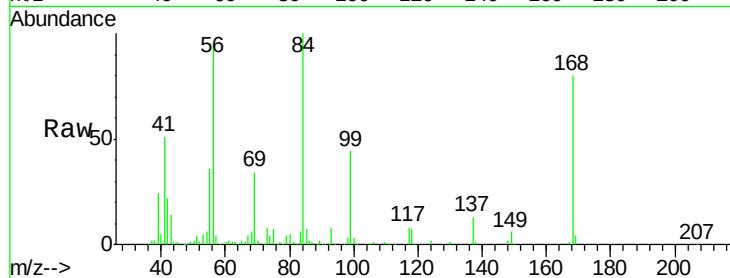
99 54.8 44.2 66.2

Manual Integrations

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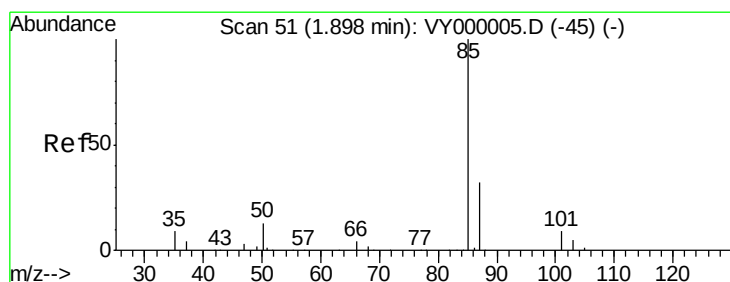
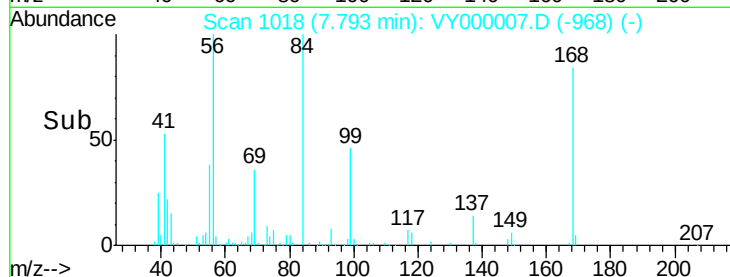
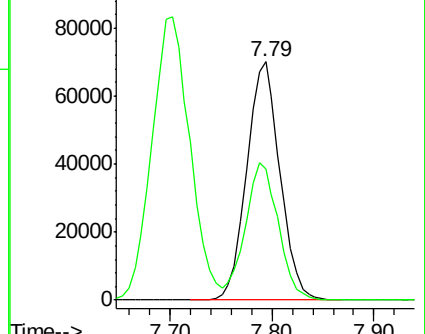
MMDadoda

9/13/2019 11:51:34 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000005.D (-1006) (-)

Ion 98.90 (98.60 to 99.60): VY000005.D (-1006) (-)



#2

Dichlorodifluoromethane

Concen: 167.891 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000007.D

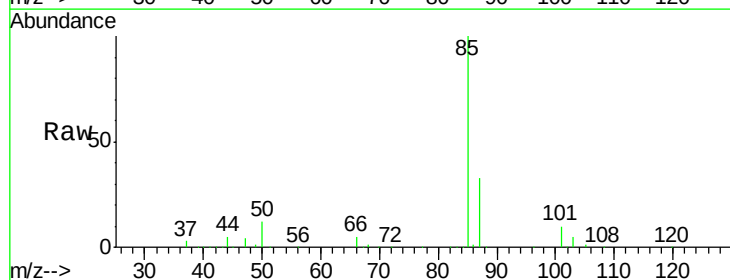
Acq: 11 Sep 2019 18:27

Tgt Ion: 85 Resp: 149833

Ion Ratio Lower Upper

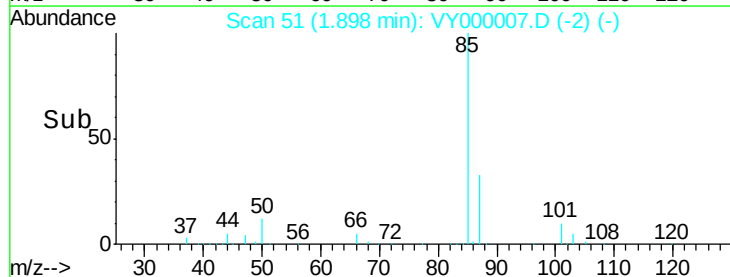
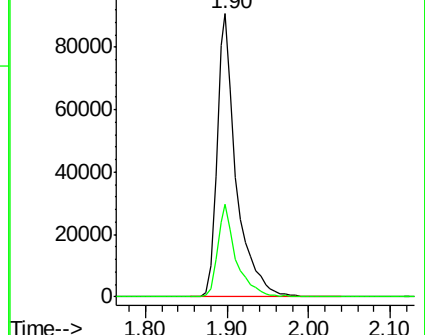
85 100

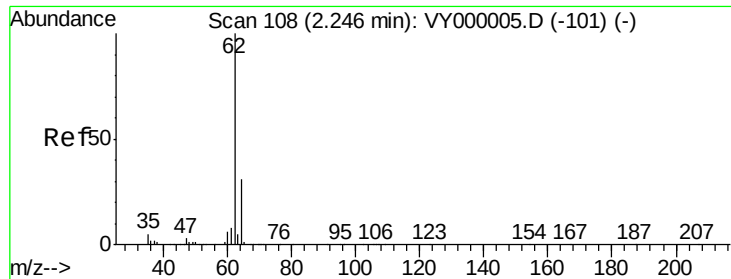
87 32.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY000005.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000005.D (-45) (-)





#4

Vinyl Chloride

Concen: 175.883 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 237753

Ion Ratio Lower Upper

62 100

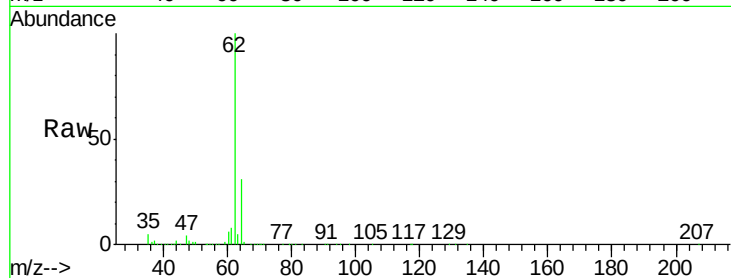
64 30.7 24.6 37.0

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

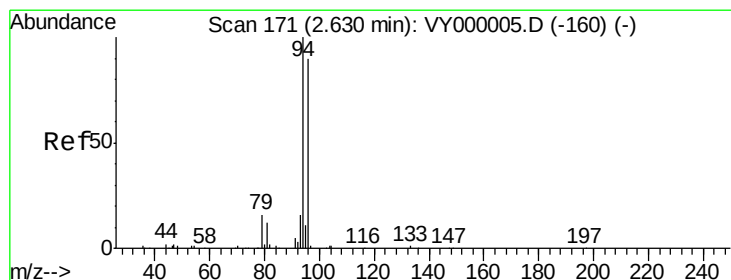
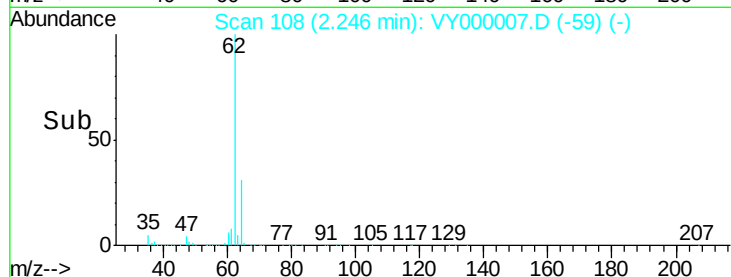
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 183.199 ug/l

RT: 2.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VY000007.D

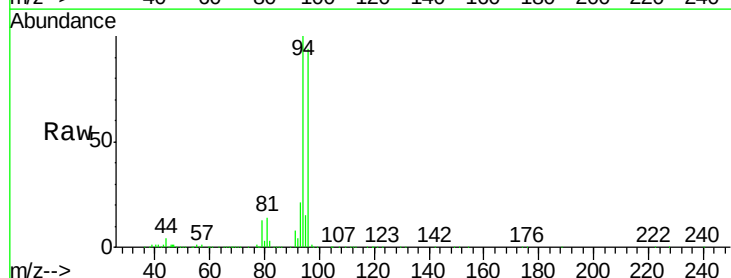
Acq: 11 Sep 2019 18:27

Tgt Ion: 94 Resp: 135560

Ion Ratio Lower Upper

94 100

96 93.8 71.6 107.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.61

80000

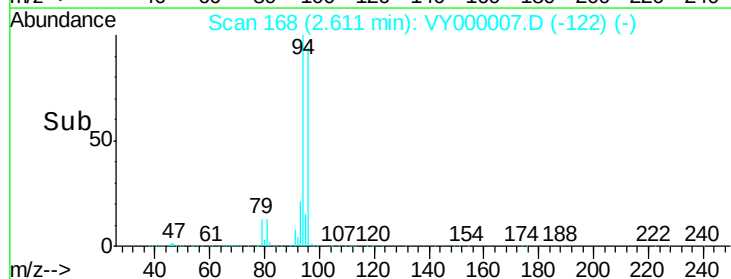
60000

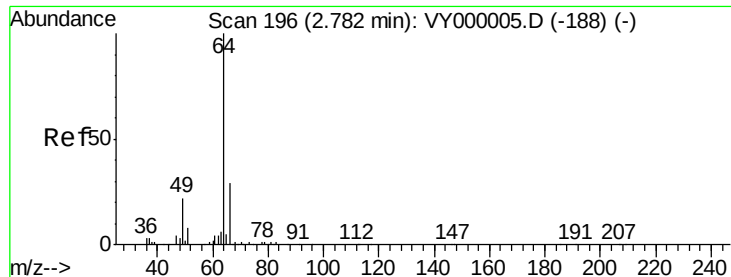
40000

20000

0

Time-->





#6

Chloroethane

Concen: 195.957 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 64 Resp: 160785

Ion Ratio Lower Upper

64 100

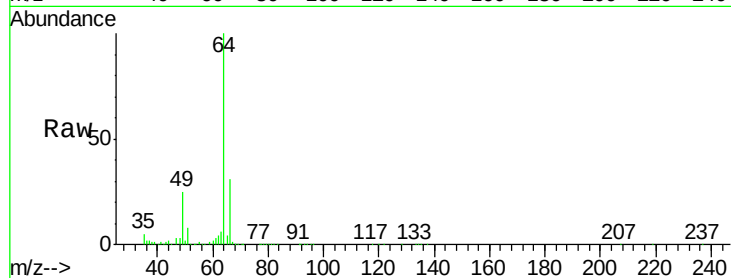
66 31.0 23.5 35.3

Manual Integrations

APPROVED

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9/13/2019 11:51:34 PM



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

80000

60000

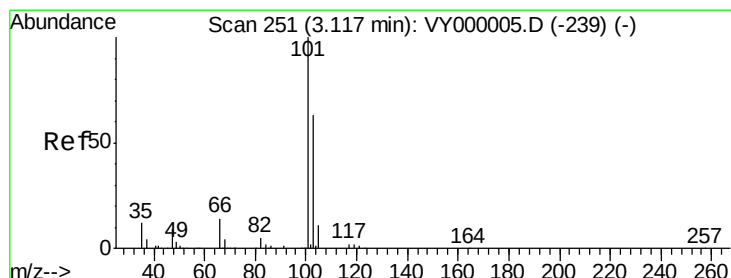
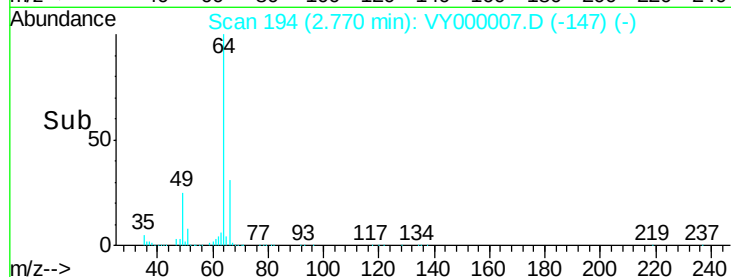
40000

20000

0

2.70 2.80 2.90

Time-->



#7

Trichlorofluoromethane

Concen: 276.899 ug/l

RT: 3.11 min Scan# 250

Delta R.T. -0.01 min

Lab File: VY000007.D

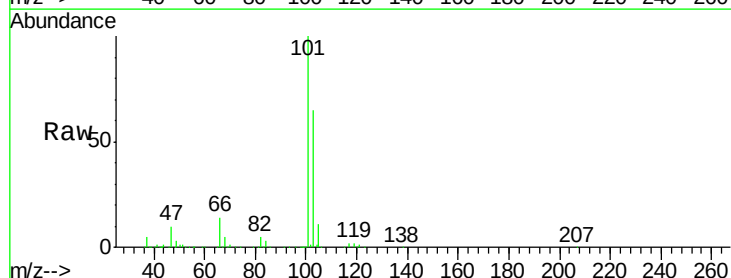
Acq: 11 Sep 2019 18:27

Tgt Ion:101 Resp: 300074

Ion Ratio Lower Upper

101 100

103 65.3 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

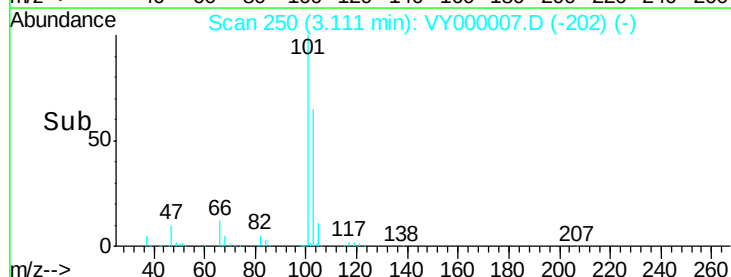
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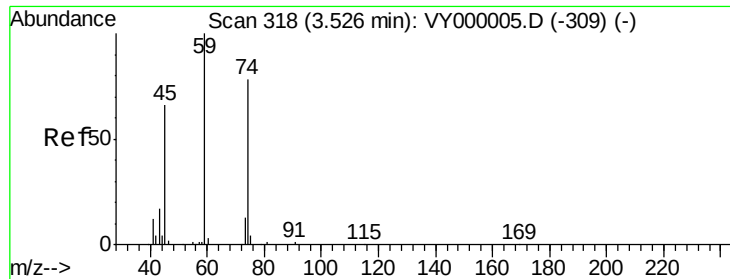
50000

0

3.00 3.10 3.20 3.30

Time-->





#8

Diethyl Ether

Concen: 160.262 ug/l

RT: 3.53 min Scan# 318

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 121479

Ion Ratio Lower Upper

74 100

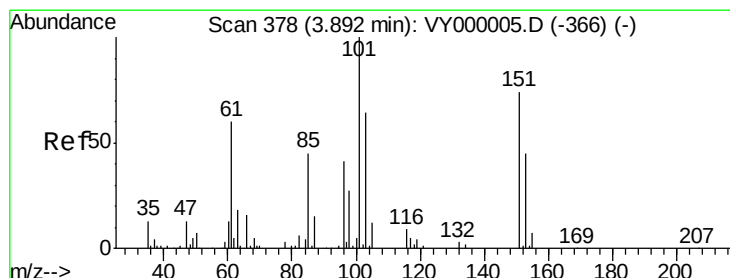
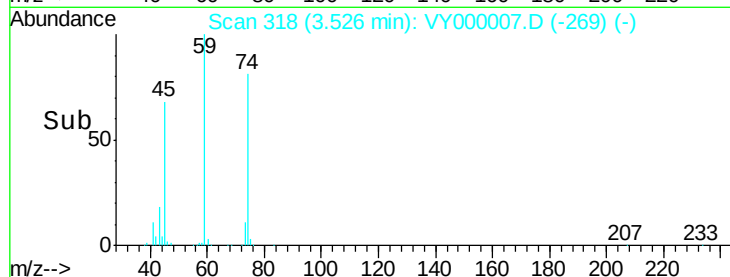
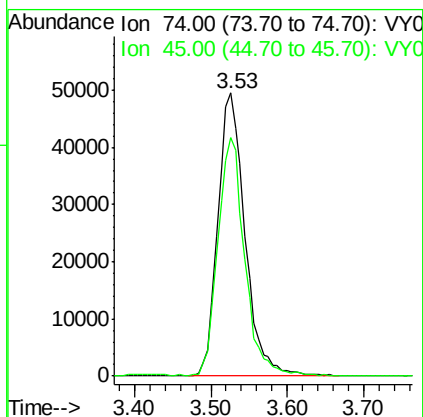
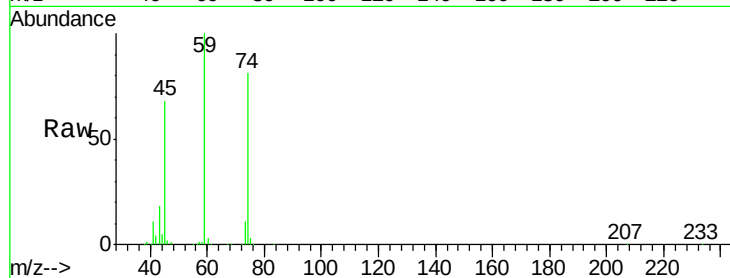
45 83.5 40.5 121.4

Manual Integrations

APPROVED

MMDadoda

9/13/2019 11:51:34 PM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.396 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

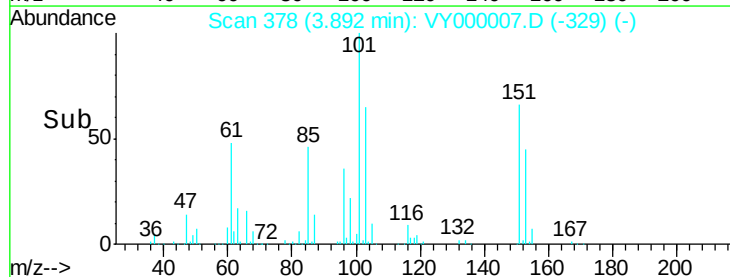
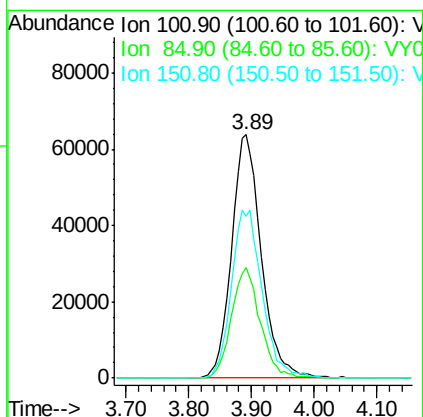
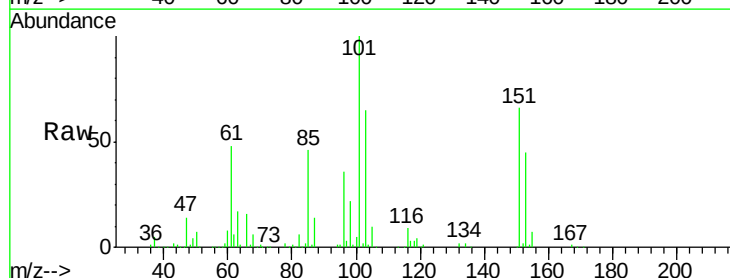
Tgt Ion: 101 Resp: 208809

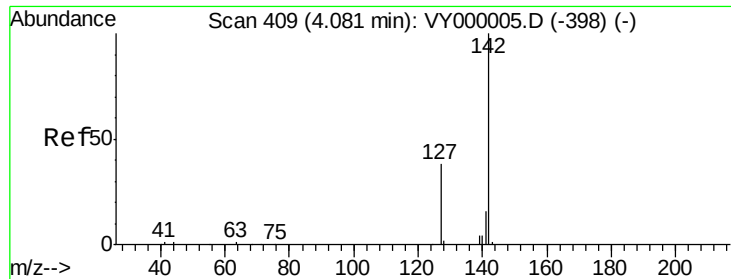
Ion Ratio Lower Upper

101 100

85 44.1 34.0 51.0

151 71.4 57.3 85.9





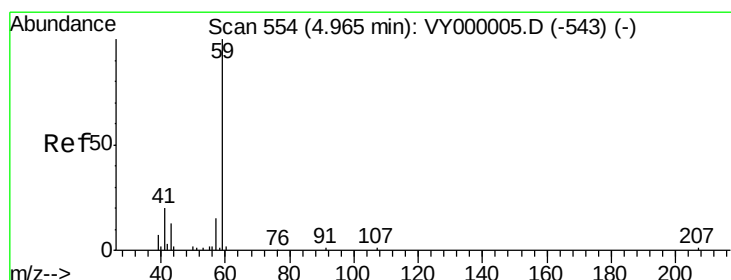
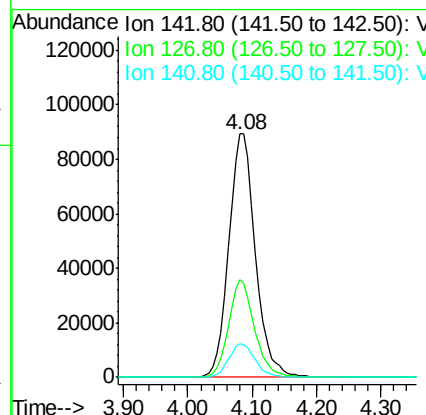
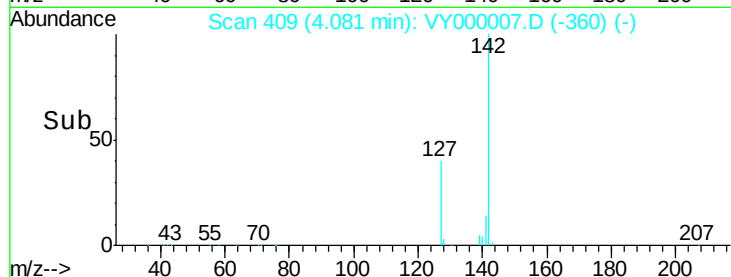
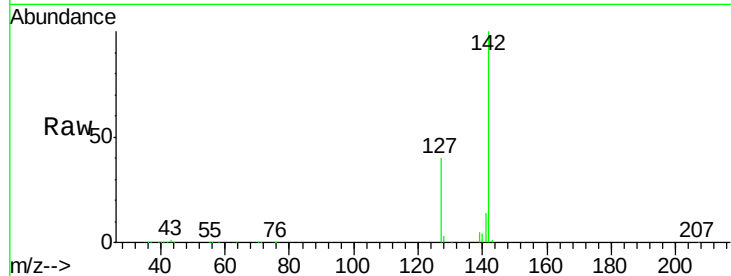
#10
Methvl Iodide
Concen: 149.334 ug/l
RT: 4.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

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Tot Ion	Ratio	Resp	Lower	Upper
142	100	259230		
127	39.0		30.0	45.0
141	13.9		11.0	16.4

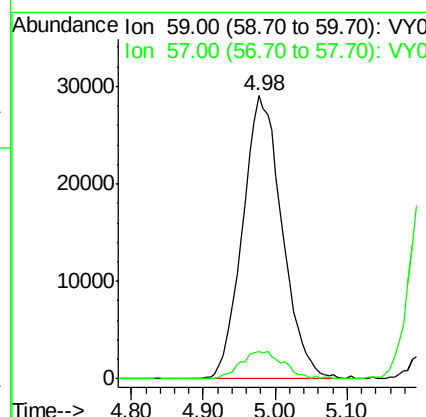
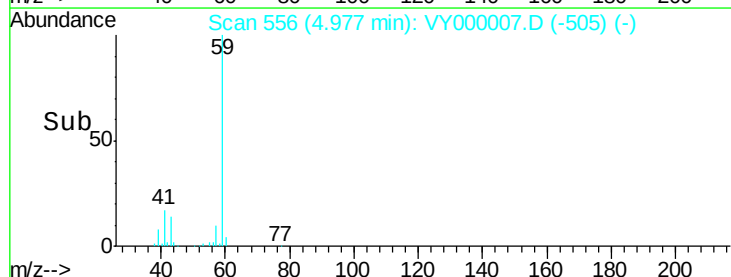
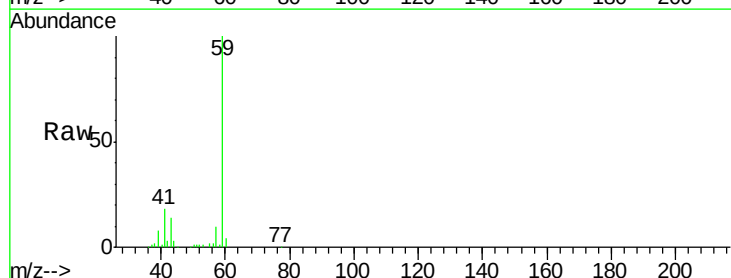
Manual Integrations
APPROVED

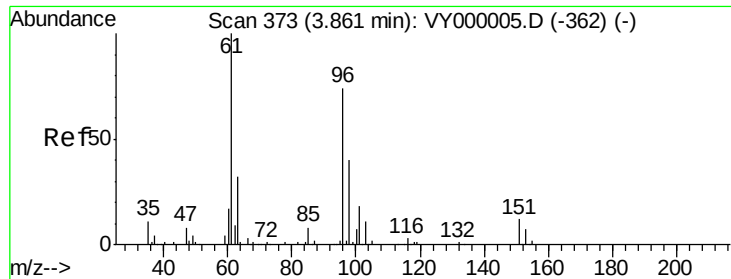
MMDadoda
9/13/2019 11:51:34 PM



#11
Tert butyl alcohol
Concen: 774.228 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	110772		
57	10.7		8.9	13.3





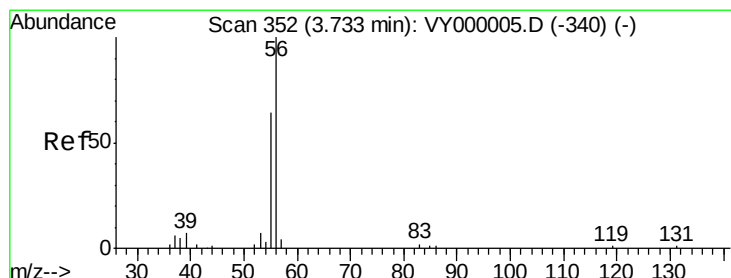
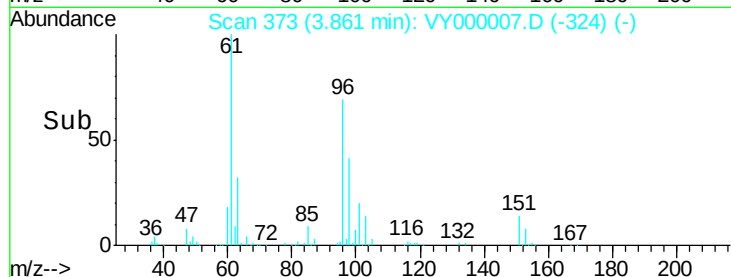
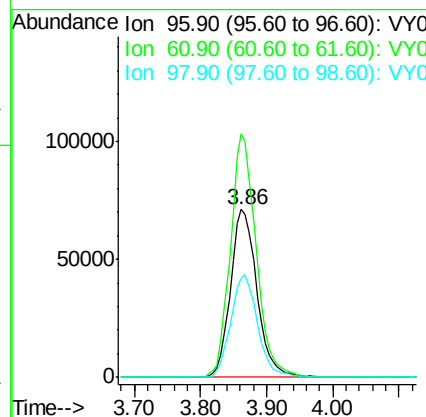
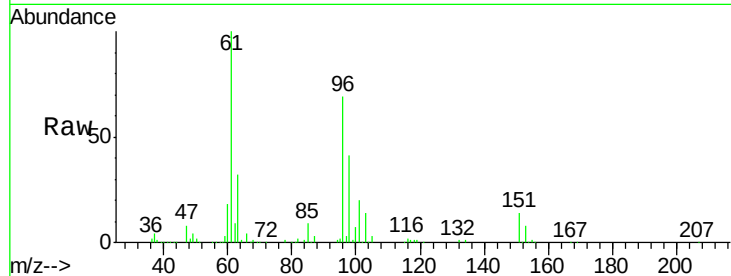
#12
 1,1-Dichloroethene
 Concen: 148.942 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	196282		
61	145.0		108.1	162.1
98	59.0		42.8	64.2

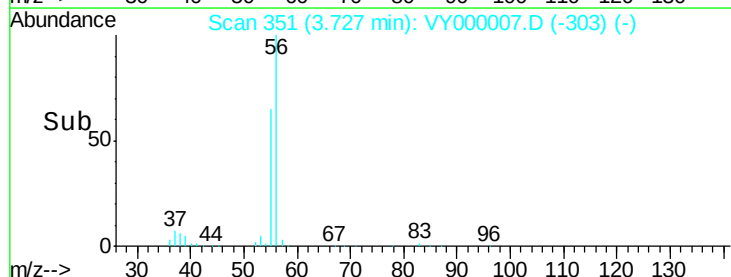
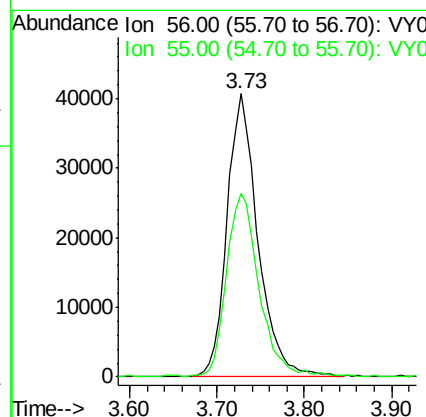
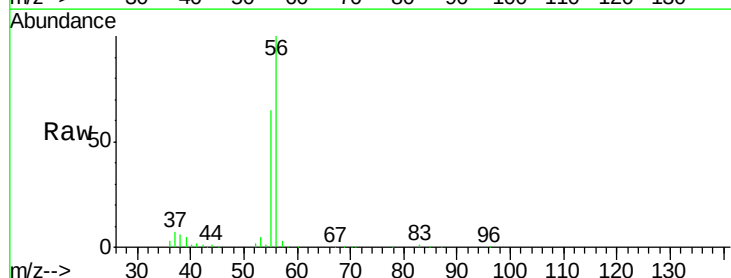
Manual Integrations
 APPROVED

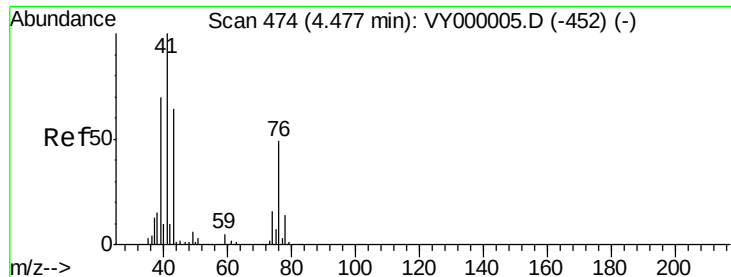
MMDadoda
 9/13/2019 11:51:34 PM



#13
 Acrolein
 Concen: 702.143 ug/l
 RT: 3.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	99719		
55	67.3		53.3	79.9





#14

Allvl chloride

Concen: 116.590 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

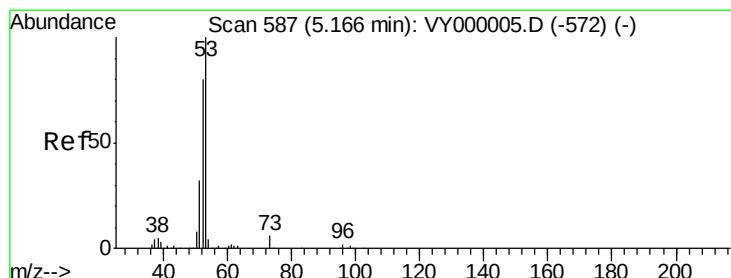
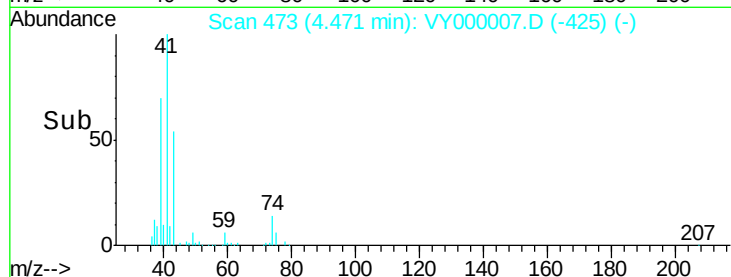
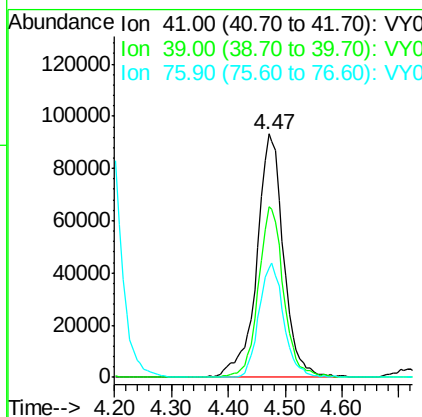
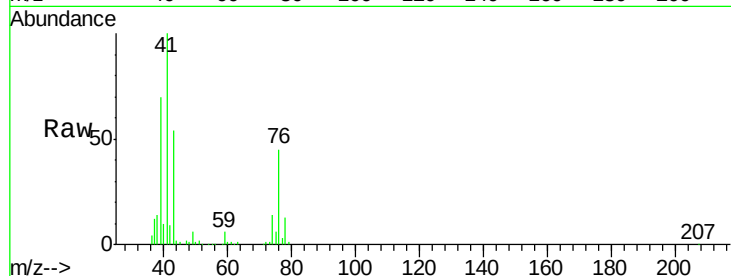
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	303040
Ion	Ratio	Lower	Upper
41	100		
39	66.3	52.4	78.6
76	43.4	33.3	49.9

Manual Integrations
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#15

Acrylonitrile

Concen: 842.645 ug/l

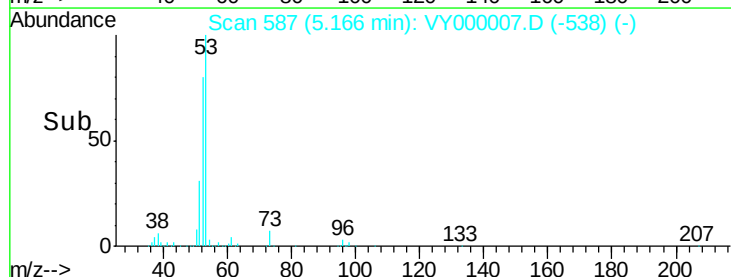
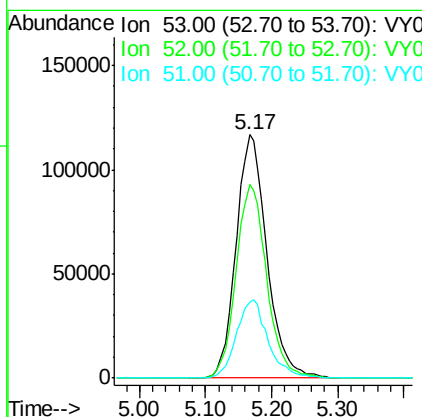
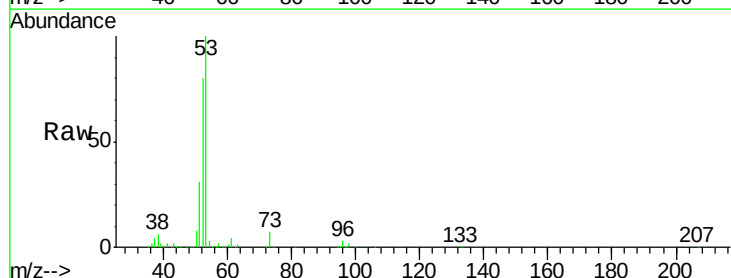
RT: 5.17 min Scan# 587

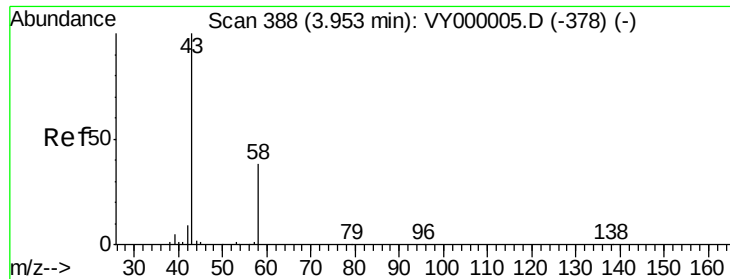
Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion:	53	Resp:	378050
Ion	Ratio	Lower	Upper
53	100		
52	79.0	64.4	96.6
51	33.0	27.1	40.7





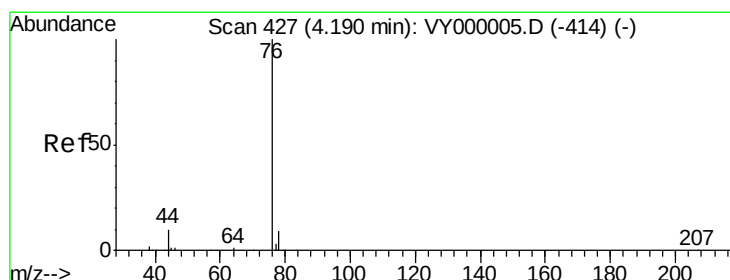
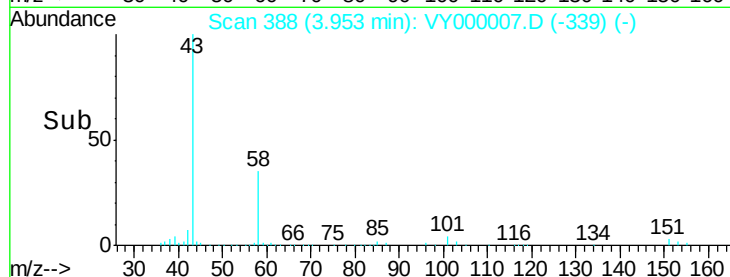
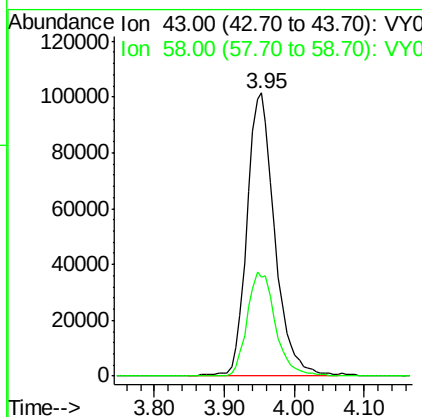
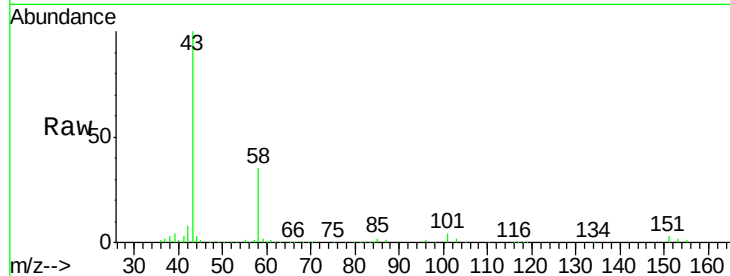
#16
Acetone
Concen: 592.768 ug/l
RT: 3.95 min Scan# 388
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.1	30.5	45.7

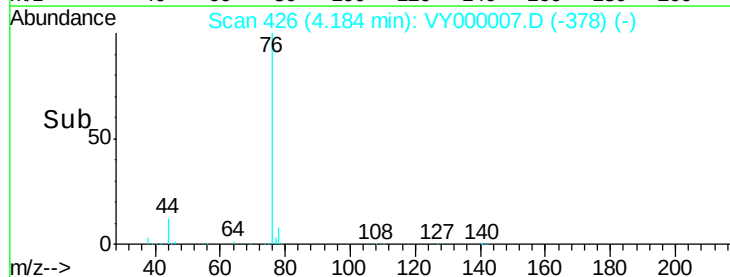
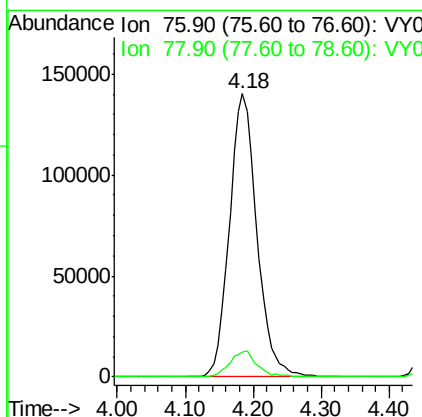
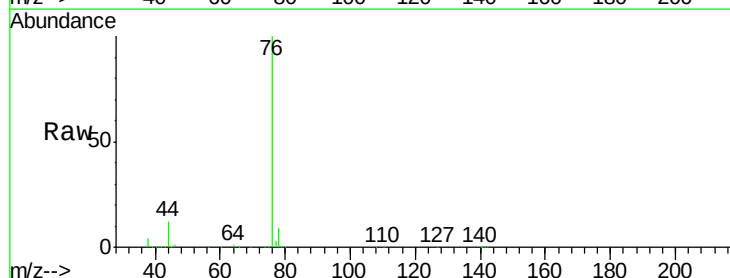
Manual Integrations
APPROVED

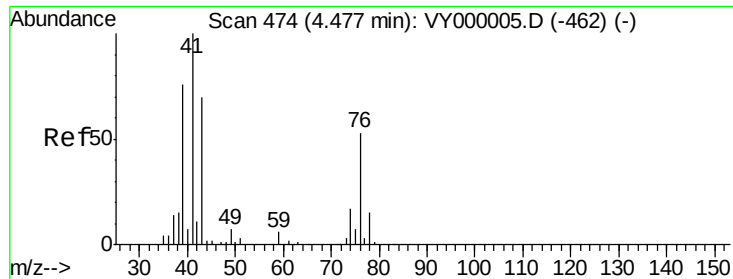
MMDadoda
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#17
Carbon Disulfide
Concen: 141.816 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8





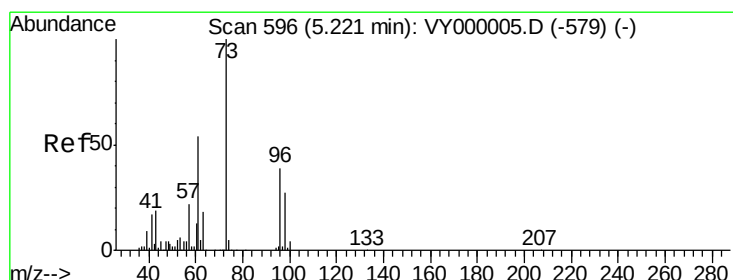
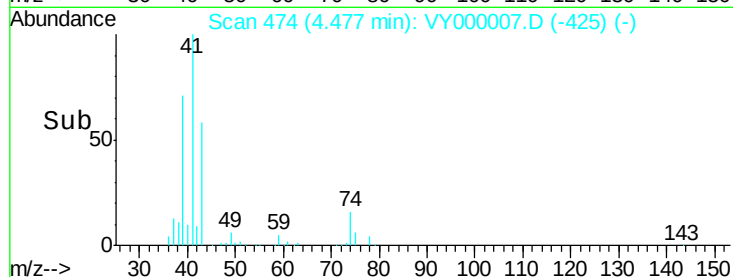
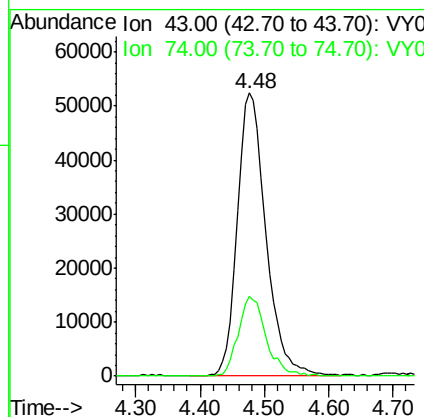
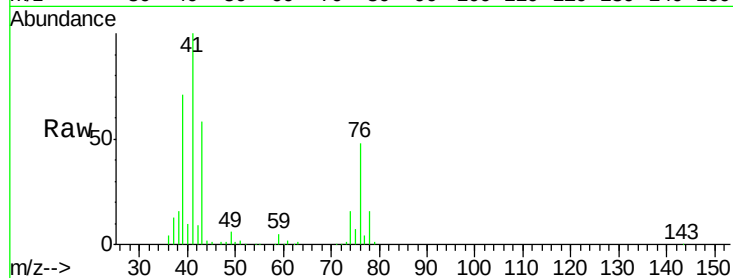
#18
Methyl Acetate
Concen: 141.674 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 162014
Ion Ratio Lower Upper
43 100
74 27.1 21.4 32.2

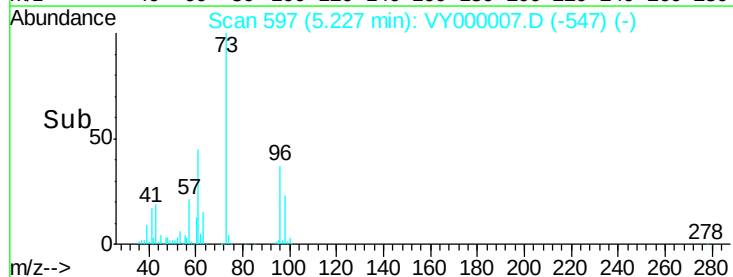
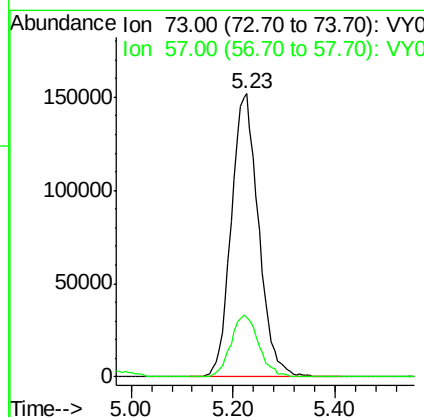
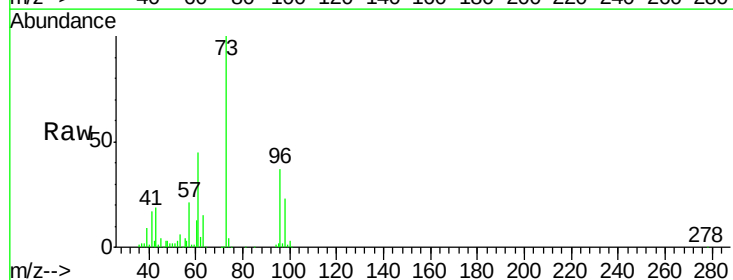
Manual Integrations
APPROVED

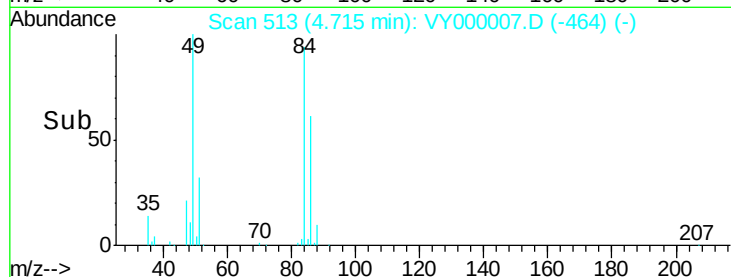
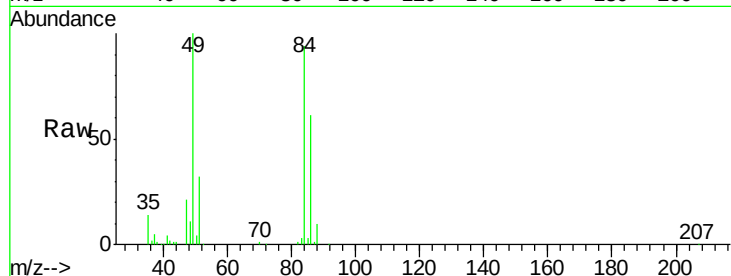
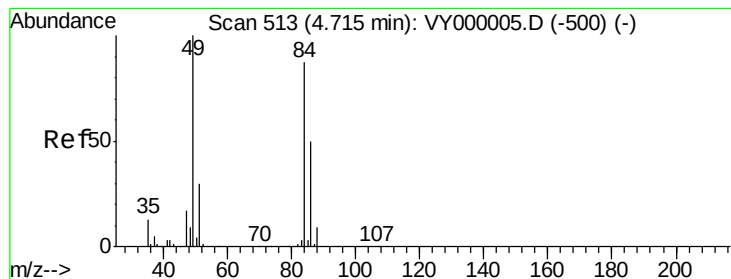
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#19
Methyl tert-butyl Ether
Concen: 201.215 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion: 73 Resp: 563377
Ion Ratio Lower Upper
73 100
57 21.1 18.2 27.4





#20

Methylene Chloride

Concen: 148.712 ug/l

RT: 4.71 min Scan# 513

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100				
49	106.8	91.7	137.5		
51	34.1	28.0	42.0		
86	64.7	46.1	69.1		

Instrument :

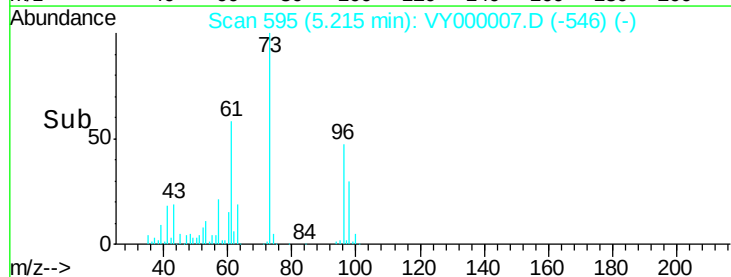
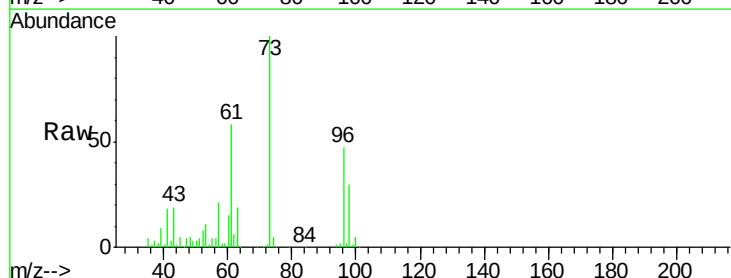
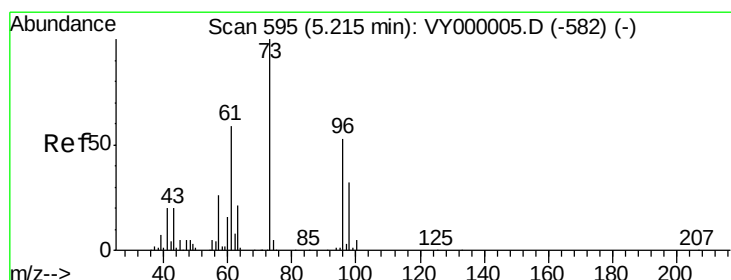
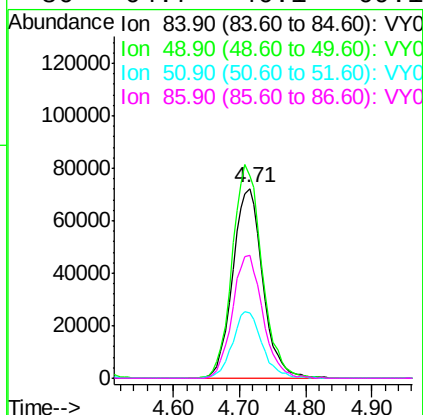
MSVOA_Y

ClientSampleId :

VSTDIC150

Manual Integrations
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9/13/2019 11:51:34 PM



#21

trans-1,2-Dichloroethene

Concen: 158.666 ug/l

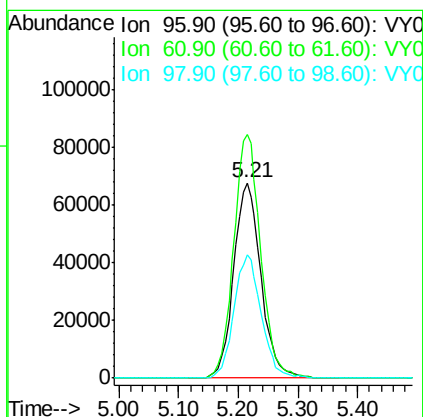
RT: 5.21 min Scan# 595

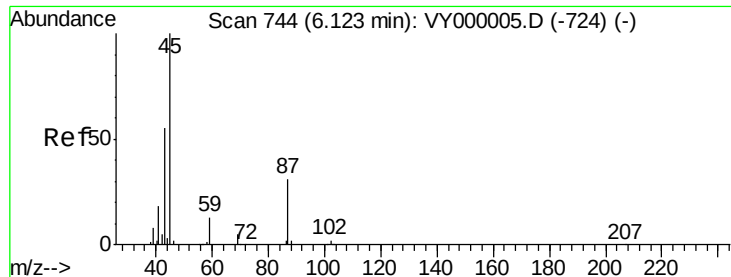
Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	124.6	89.4	134.2		
98	63.4	48.6	73.0		





#22

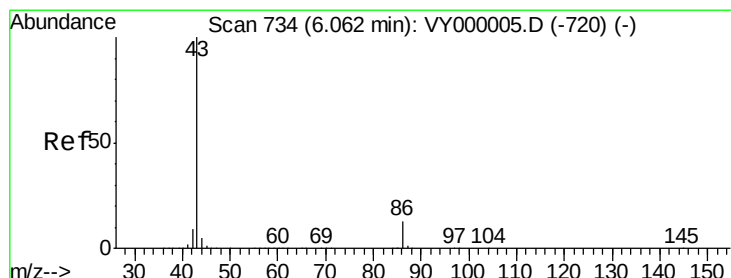
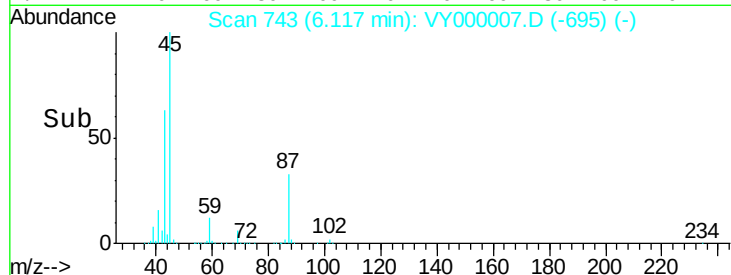
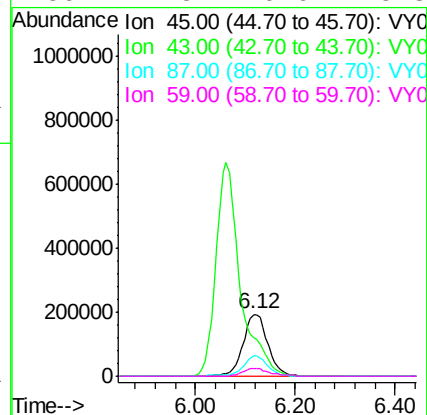
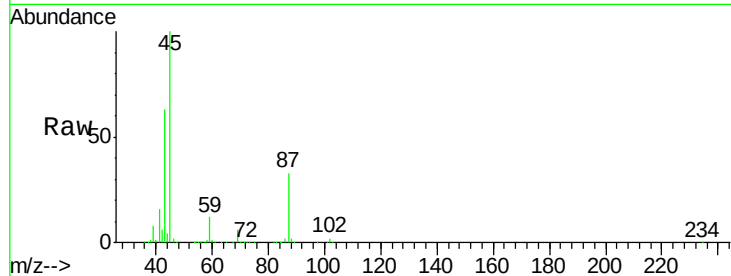
Diisopropyl ether
 Concen: 128.313 ug/l
 RT: 6.12 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	62.7	45.2	67.8	
87	33.2	25.3	37.9	
59	12.3	10.6	15.8	

Manual Integrations
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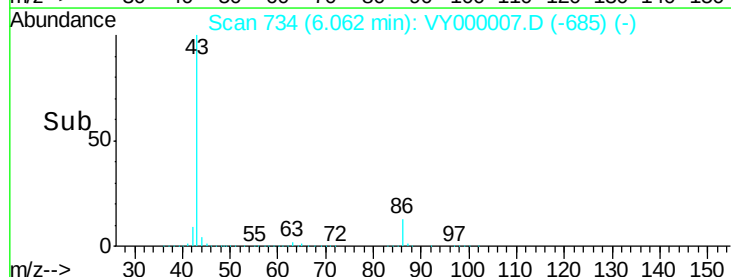
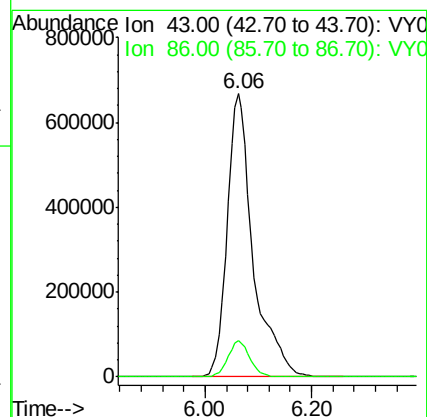
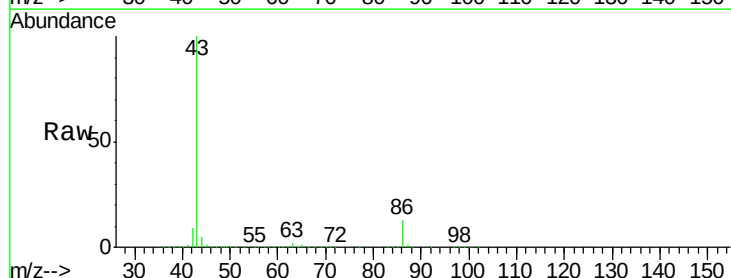
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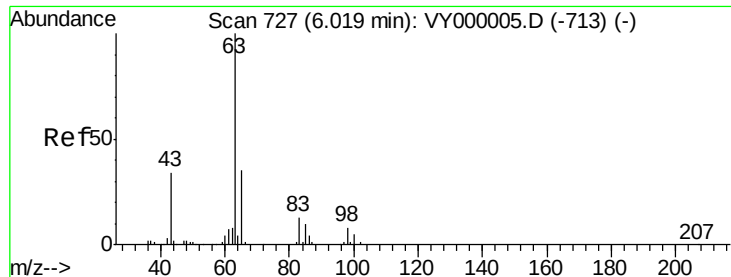


#23

Vinyl Acetate
 Concen: 683.094 ug/l
 RT: 6.06 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	12.9	10.3	15.5	





#24

1,1-Dichloroethane

Concen: 141.144 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

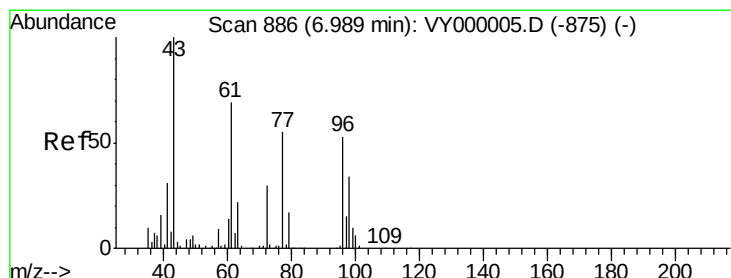
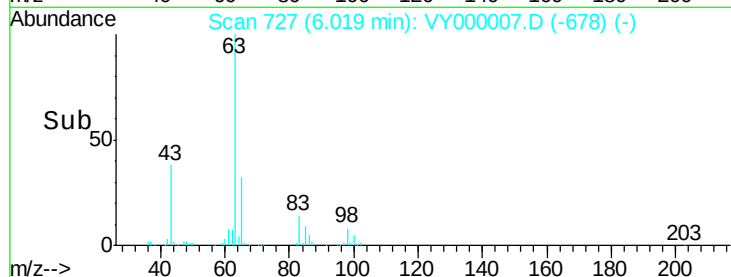
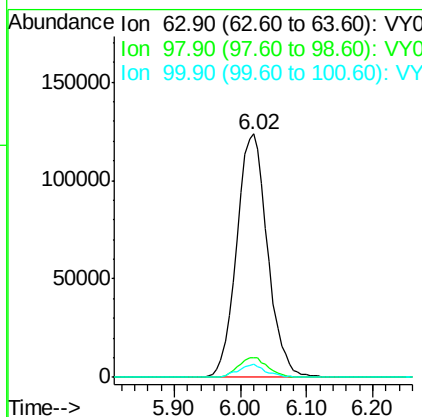
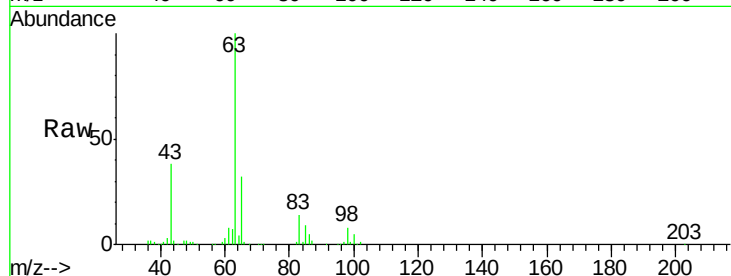
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	399934
Ion Ratio	Lower	Upper	
63	100		
98	7.9	4.0	12.0
100	5.5	2.5	7.5

Manual Integrations
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#25

2-Butanone

Concen: 699.791 ug/l

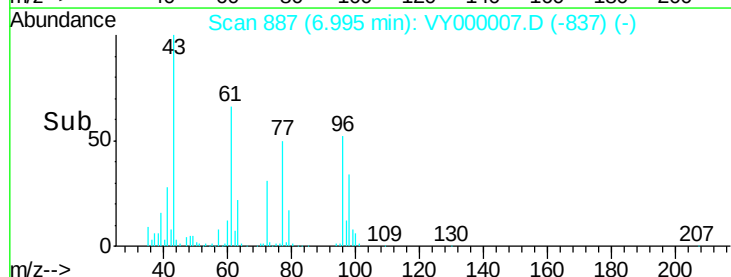
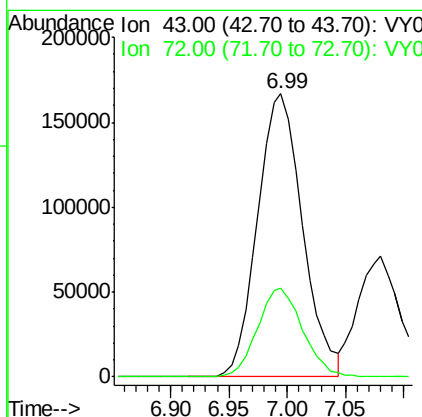
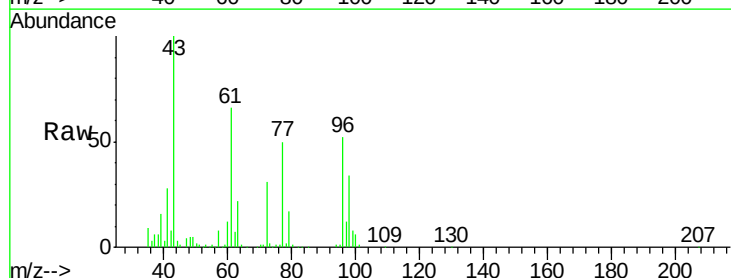
RT: 6.99 min Scan# 887

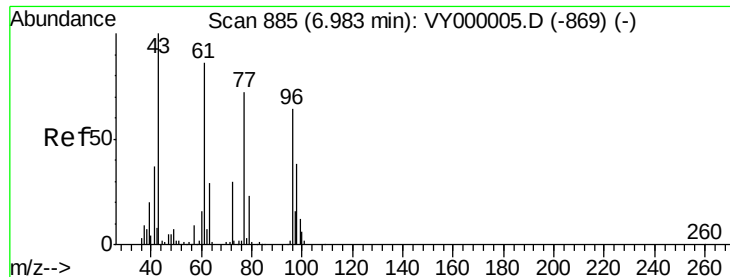
Delta R.T. 0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion:	43	Resp:	446527
Ion Ratio	Lower	Upper	
43	100		
72	31.2	24.2	36.2





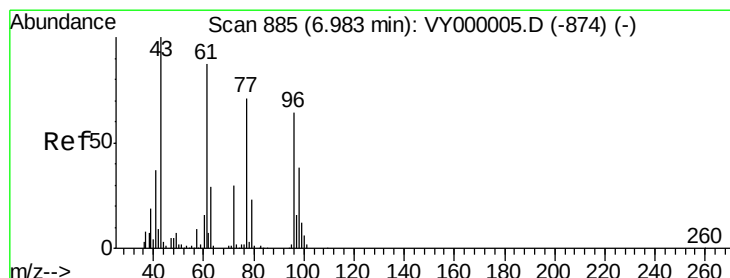
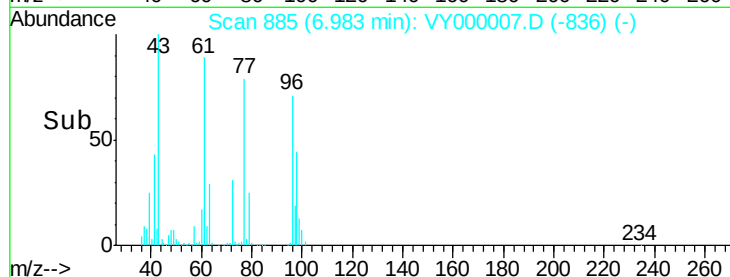
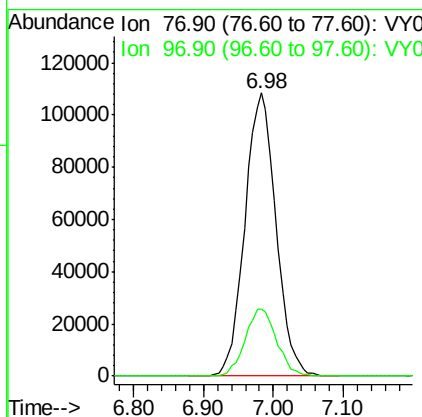
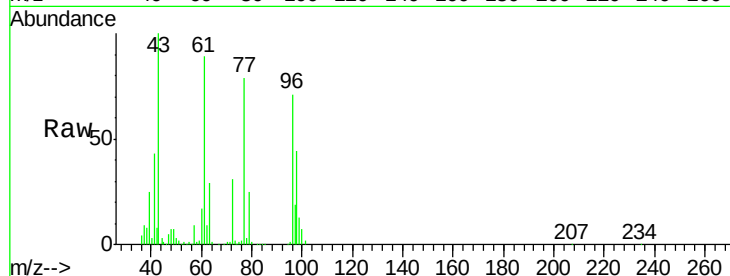
#26
 2,2-Dichloropropane
 Concen: 176.754 ug/l
 RT: 6.98 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.0	12.6	37.6

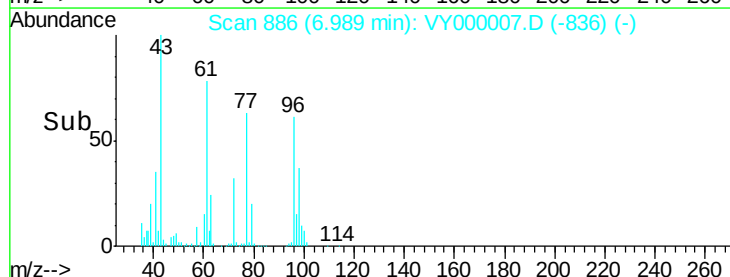
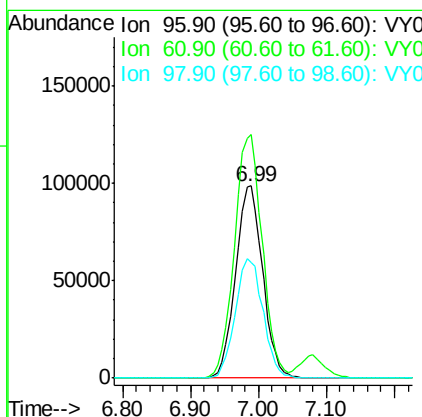
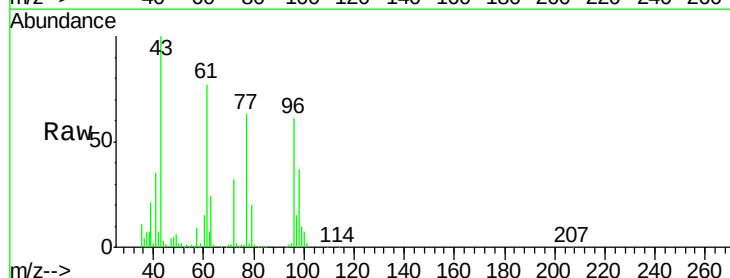
Manual Integrations
 APPROVED

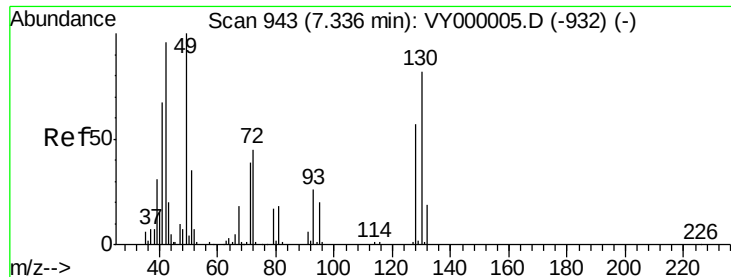
MMDadoda
 9/13/2019 11:51:34 PM



#27
 cis-1,2-Dichloroethene
 Concen: 170.834 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	259.0
98	64.1	0.0	129.8





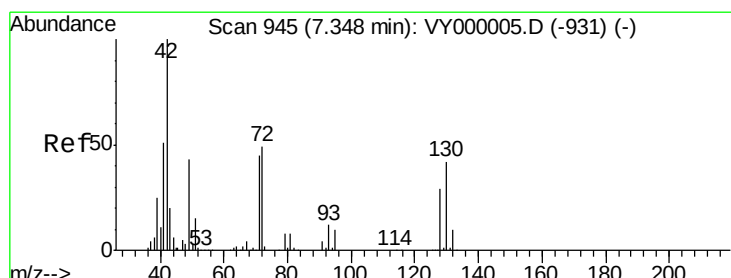
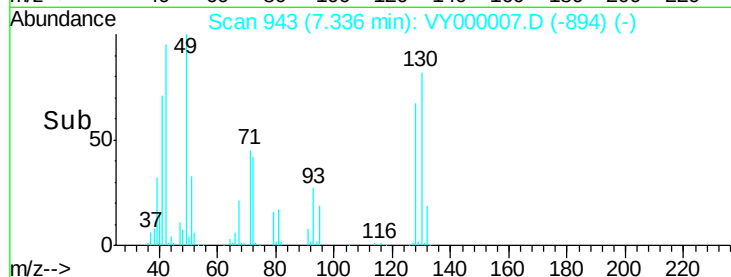
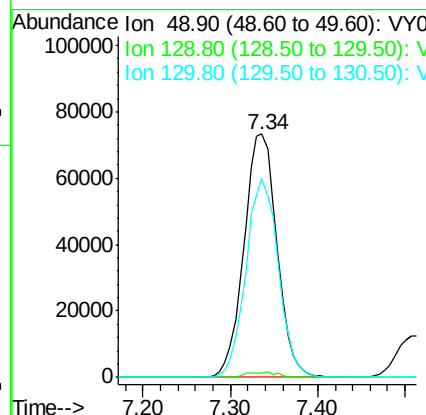
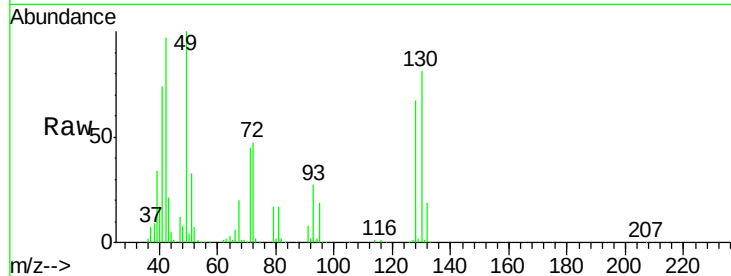
#28
 Bromochloromethane
 Concen: 145.478 ug/l
 RT: 7.34 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	80.3	65.3	97.9

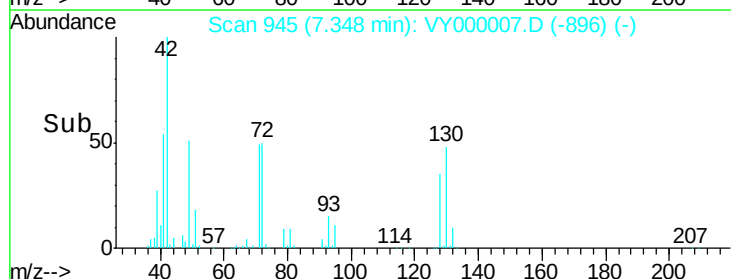
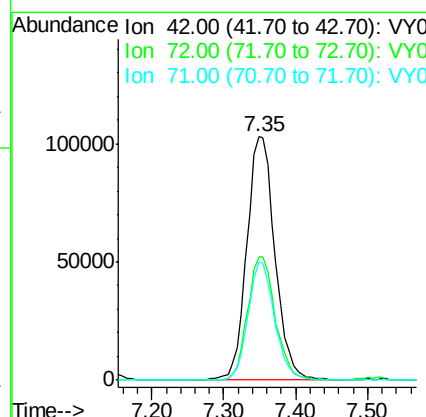
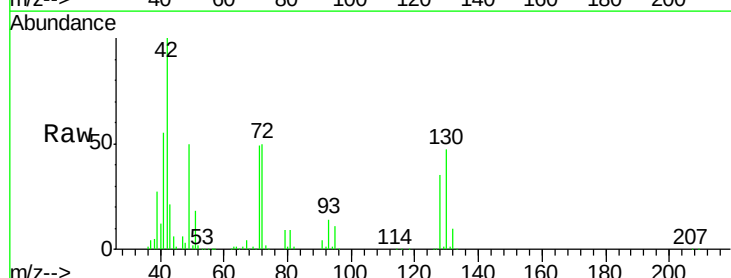
Manual Integrations
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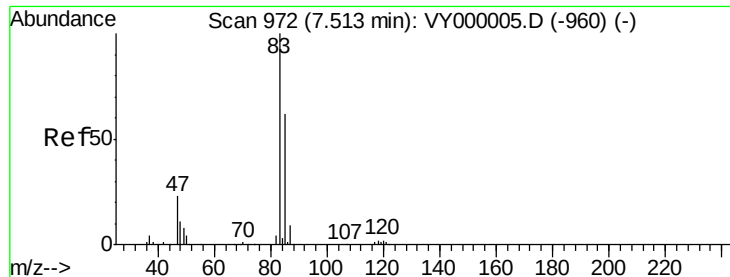
MMDadoda
 9/13/2019 11:51:34 PM



#29
 Tetrahydrofuran
 Concen: 712.162 ug/l
 RT: 7.35 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.2	58.8
71	46.1	36.4	54.6





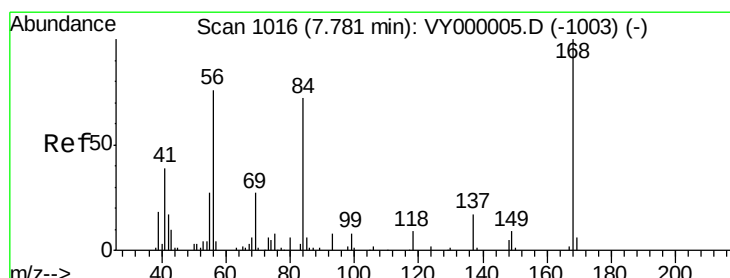
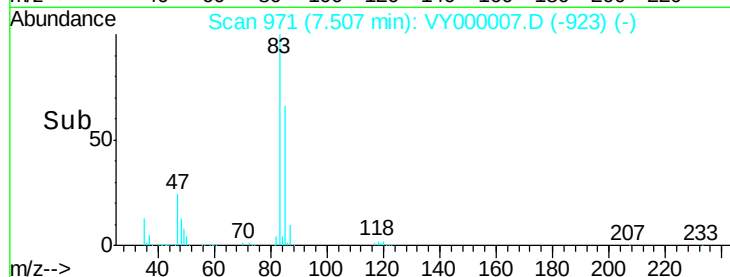
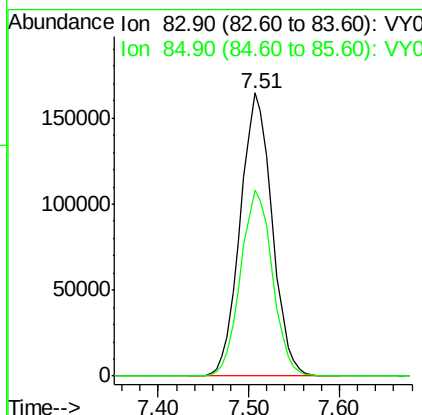
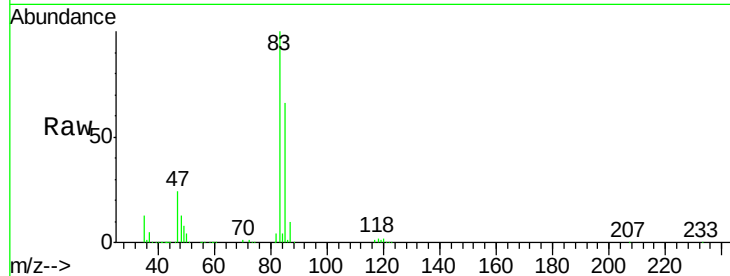
#30
Chloroform
Concen: 141.089 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 401082
Ion Ratio Lower Upper
83 100
85 65.8 49.4 74.0

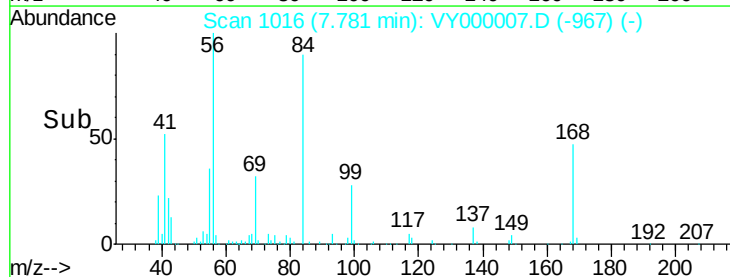
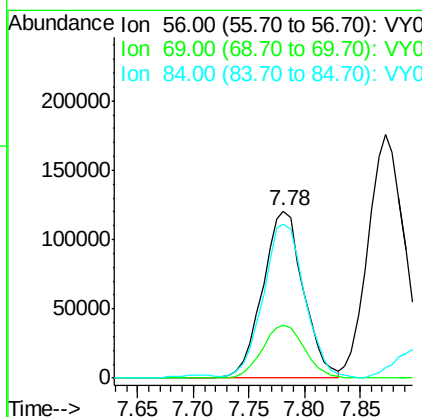
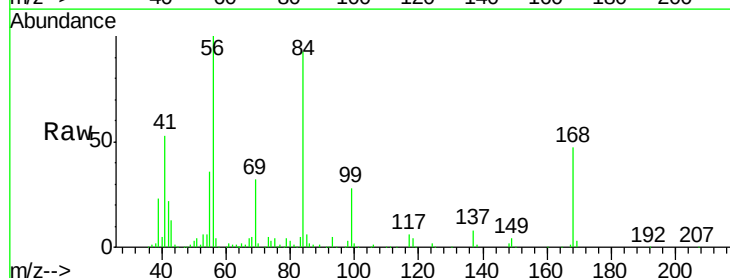
Manual Integrations
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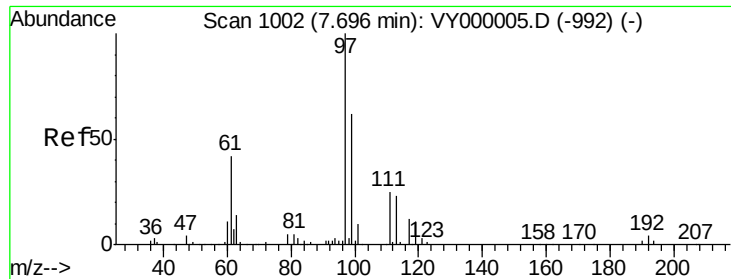
MMDadoda
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#31
Cyclohexane
Concen: 120.659 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion: 56 Resp: 307177
Ion Ratio Lower Upper
56 100
69 31.8 28.5 42.7
84 90.9 76.4 114.6





#32

1,1,1-Trichloroethane

Concen: 146.555 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

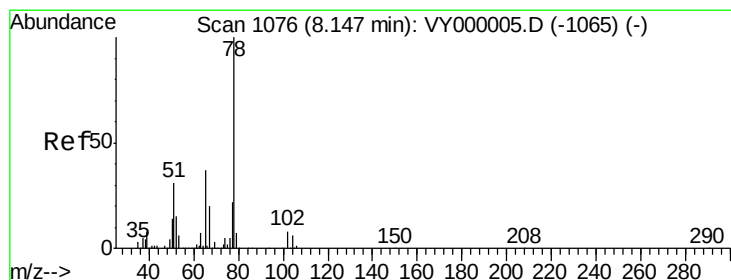
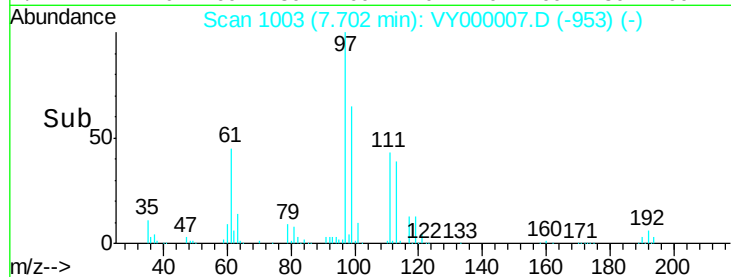
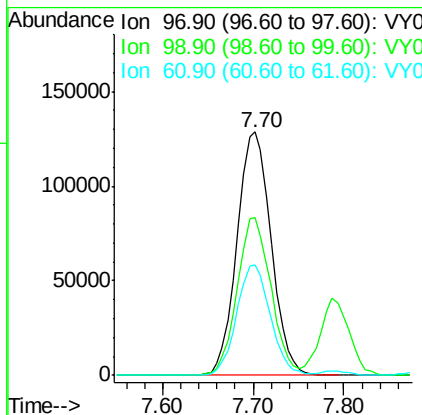
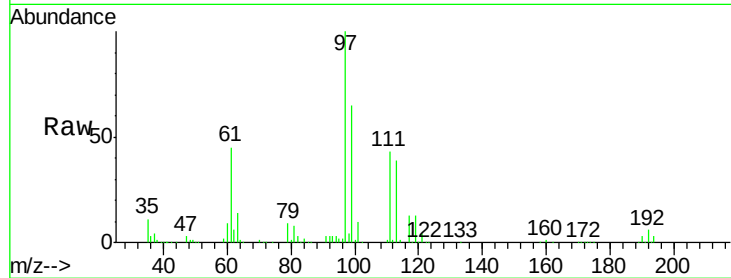
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	337595
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.3	75.5
61	44.6	35.0	52.4

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 134.645 ug/l

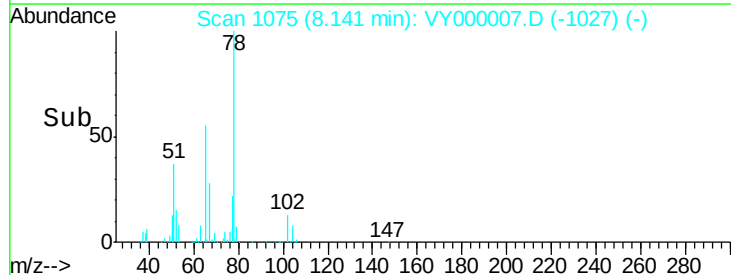
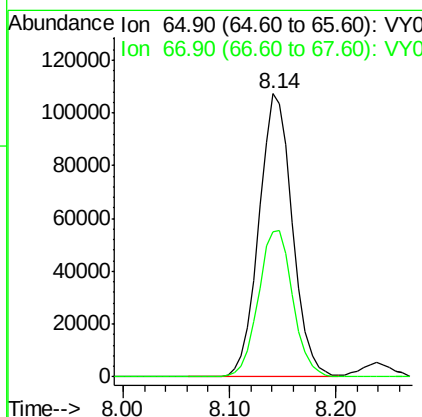
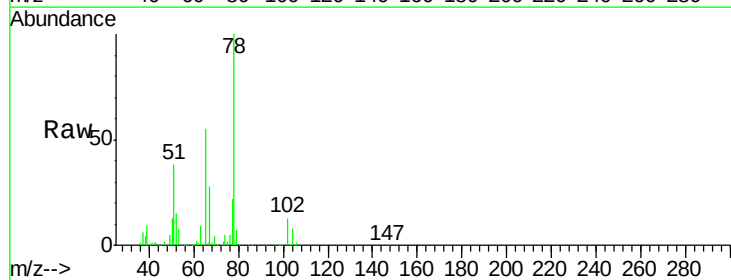
RT: 8.14 min Scan# 1075

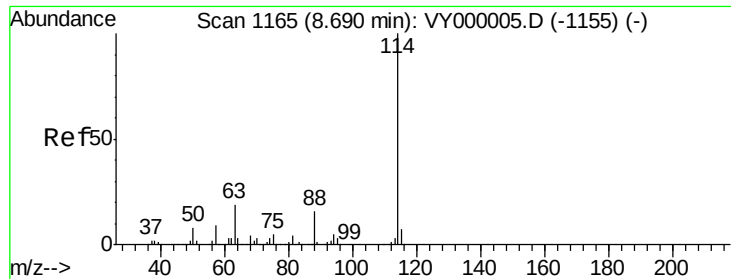
Delta R.T. -0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion:	65	Resp:	235602
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	111.4





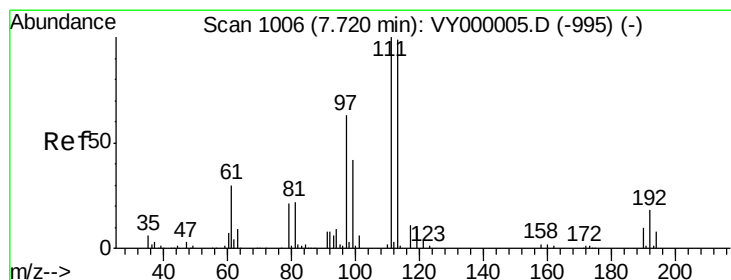
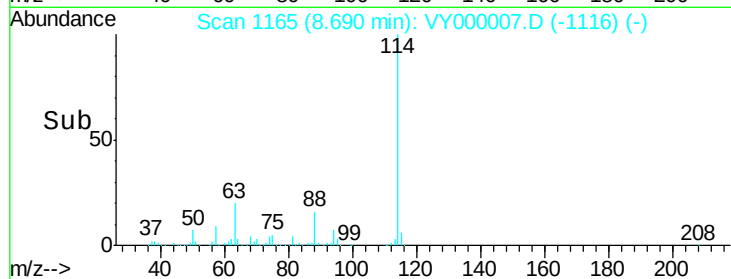
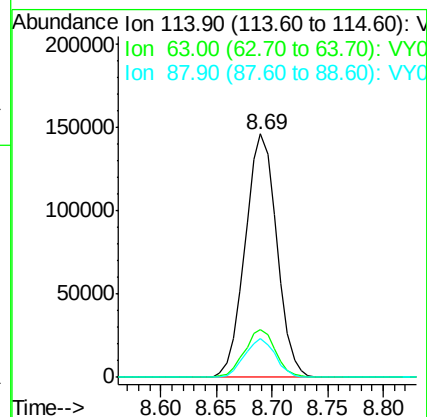
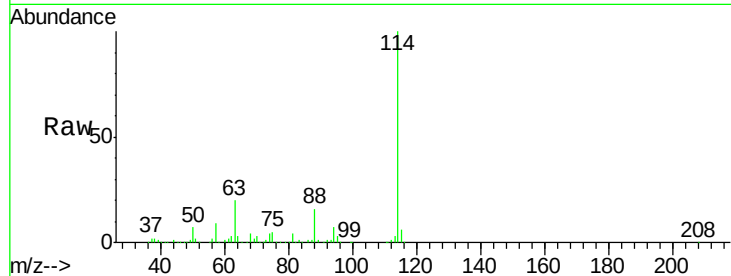
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
114	100	289371		
63	19.7	0.0	37.4	
88	16.1	0.0	32.6	

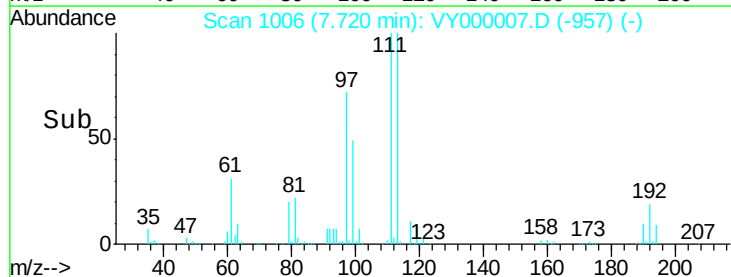
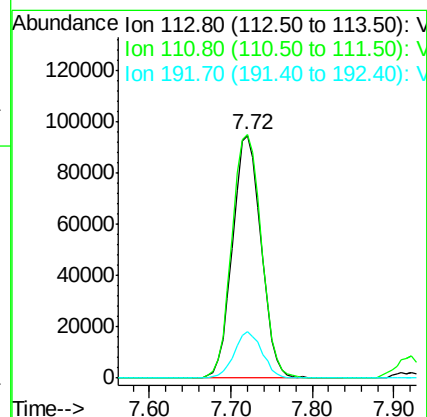
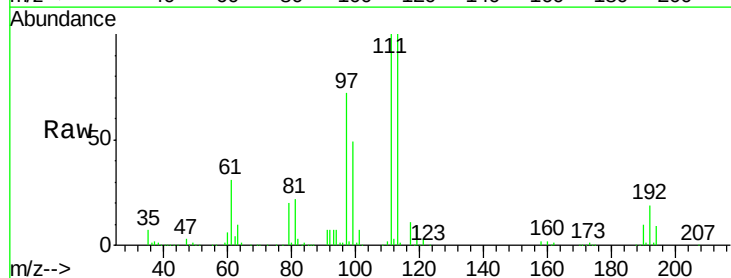
Manual Integrations
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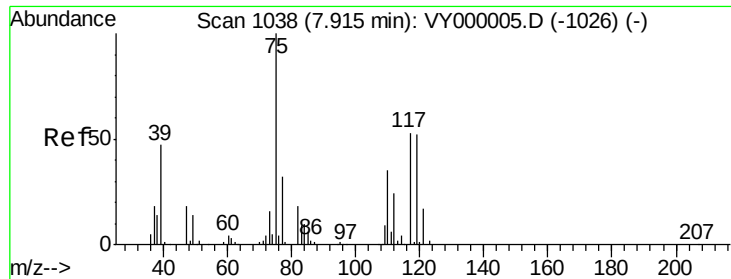
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#35
 Dibromofluoromethane
 Concen: 133.642 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	228045		
111	103.9	81.6	122.4	
192	18.7	15.2	22.8	





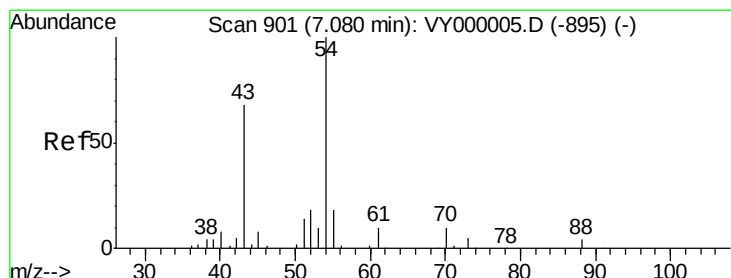
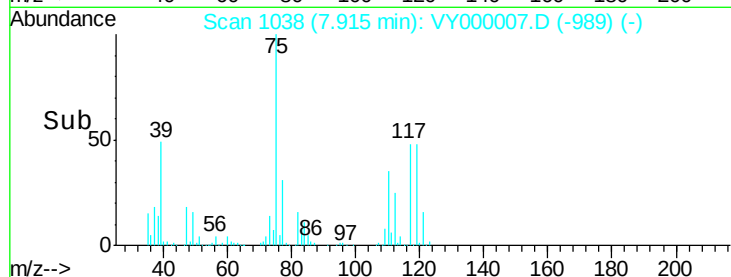
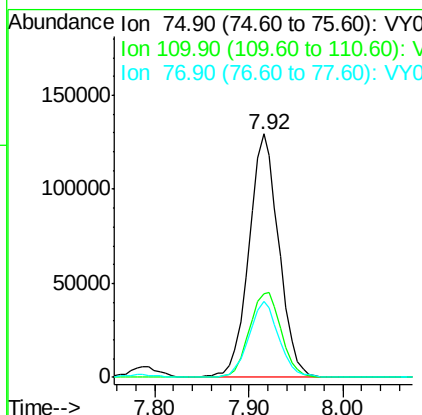
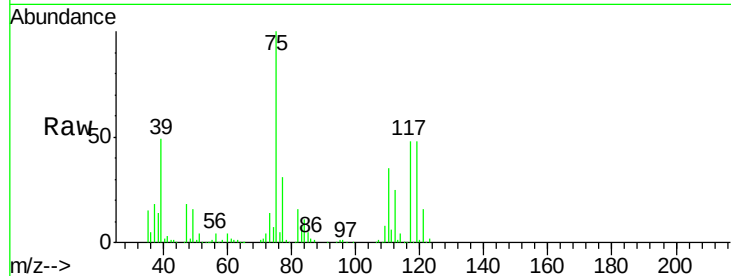
#36
 1,1-Dichloropropene
 Concen: 118.022 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100	289217		
110	37.1	18.7	56.1	
77	31.5	25.6	38.4	

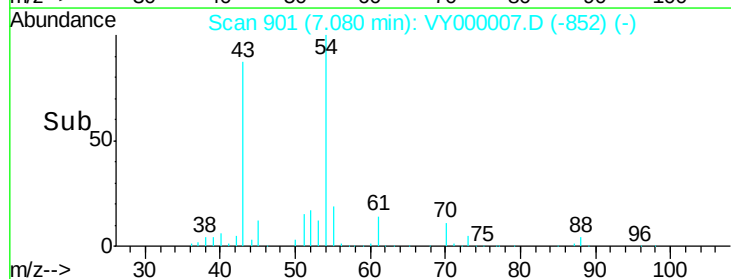
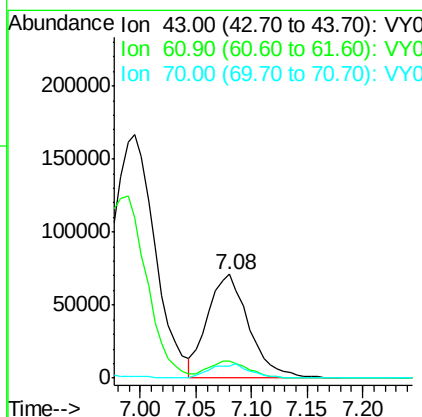
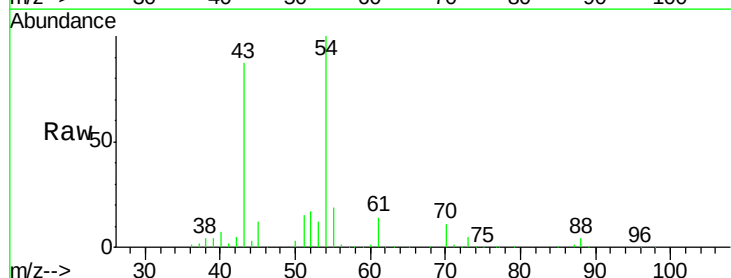
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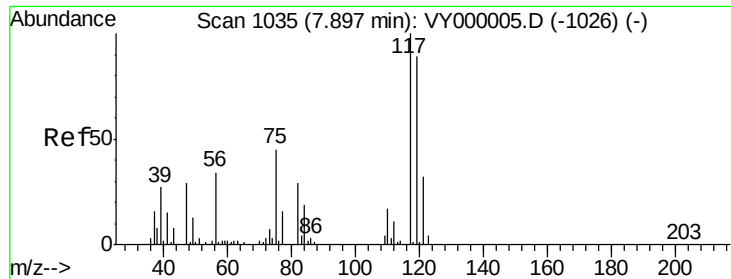
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#37
 Ethyl Acetate
 Concen: 115.484 ug/l
 RT: 7.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	182190		
61	16.3	13.0	19.4	
70	13.5	11.0	16.4	





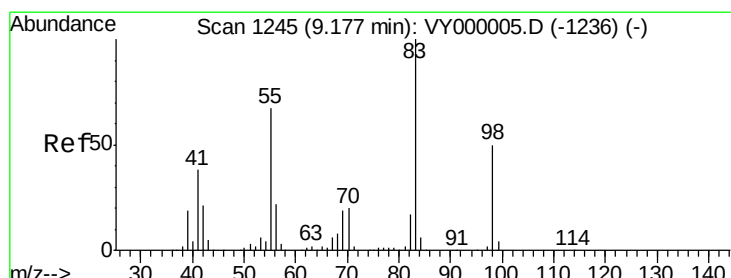
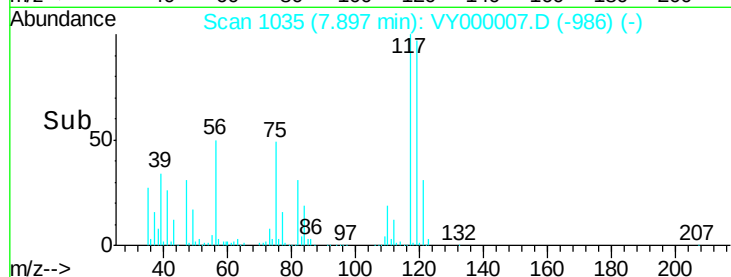
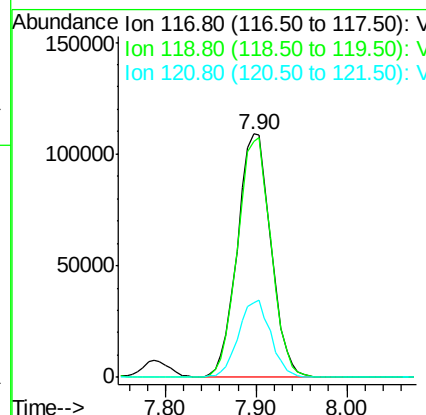
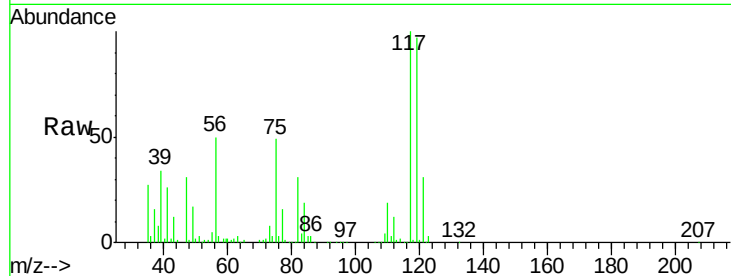
#38
Carbon Tetrachloride
Concen: 116.598 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.1	71.5	107.3
121	30.5	25.3	37.9

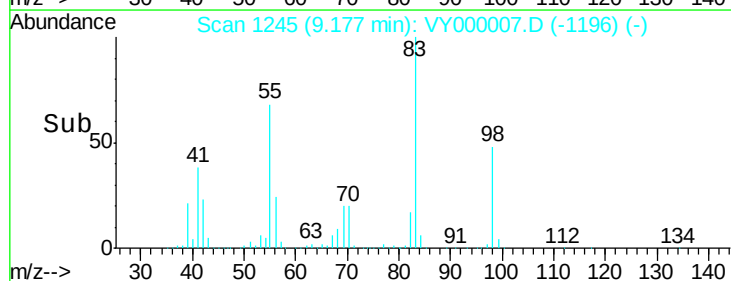
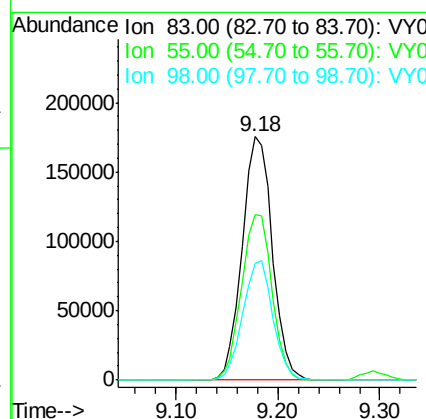
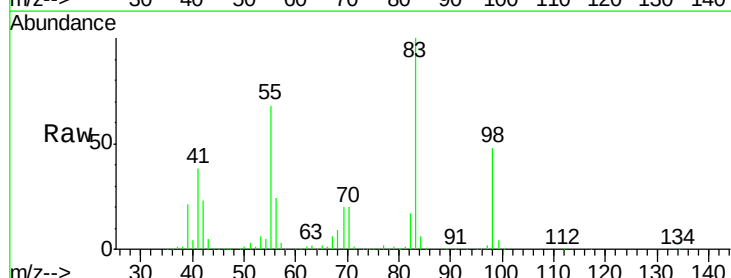
Manual Integrations
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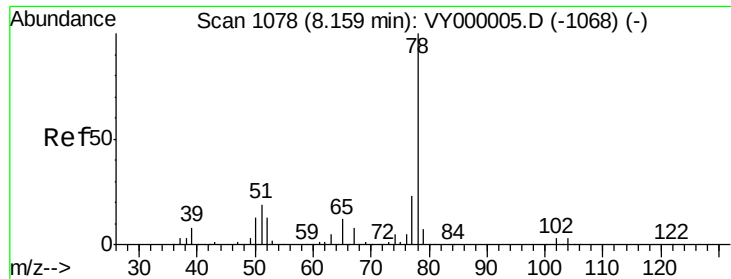
MMDadoda
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#39
Methylcyclohexane
Concen: 128.468 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.8	53.8	80.6
98	47.8	40.0	60.0





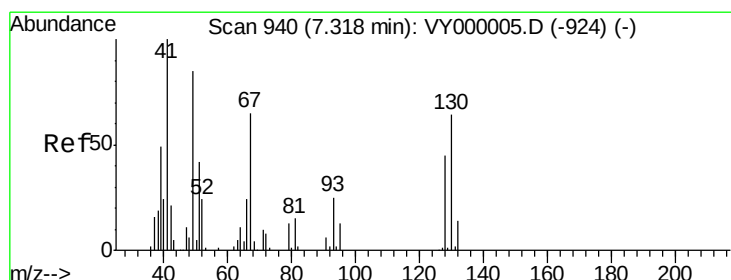
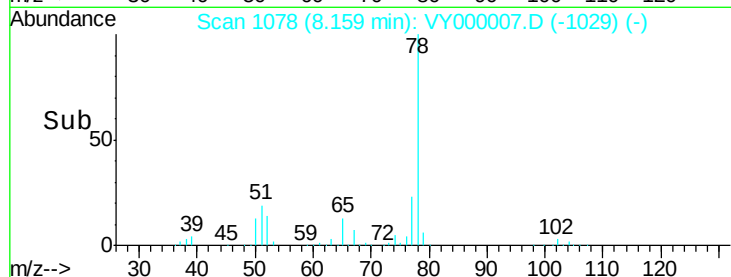
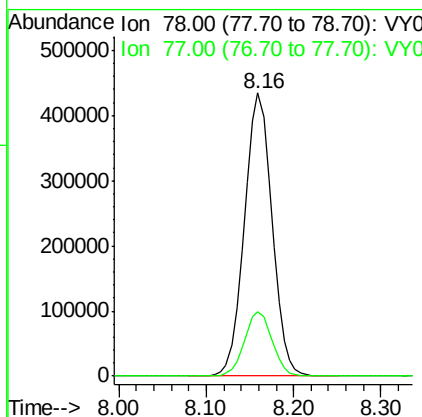
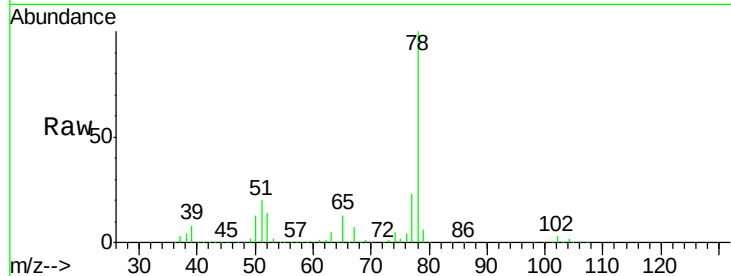
#40
Benzene
Concen: 136.492 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 78 Resp: 952039
Ion Ratio Lower Upper
78 100
77 23.0 18.0 27.0

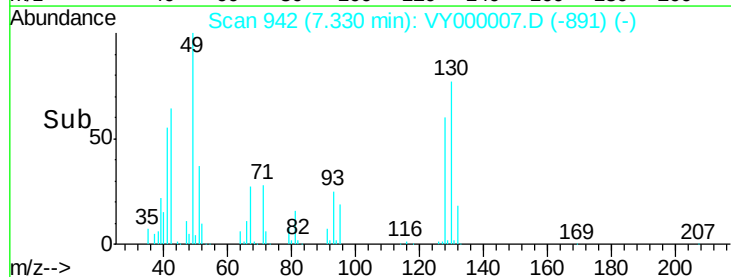
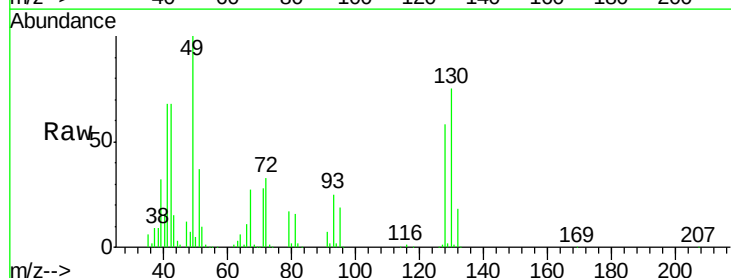
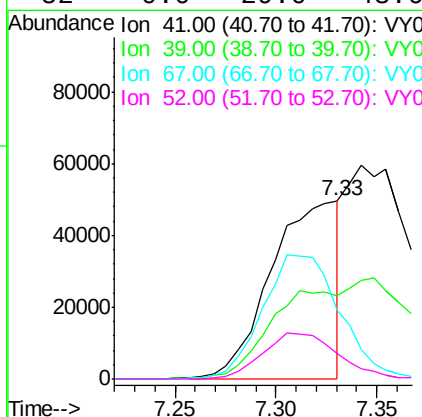
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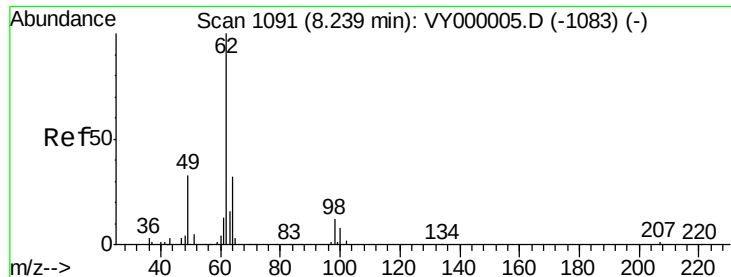
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#41
Methacrylonitrile
Concen: 125.972 ug/l m
RT: 7.33 min Scan# 942
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion: 41 Resp: 116451
Ion Ratio Lower Upper
41 100
39 0.0 48.4 72.6#
67 0.0 76.3 114.5#
52 0.0 29.0 43.6#





#42

1,2-Dichloroethane

Concen: 103.232 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 242517

Ion Ratio Lower Upper

62 100

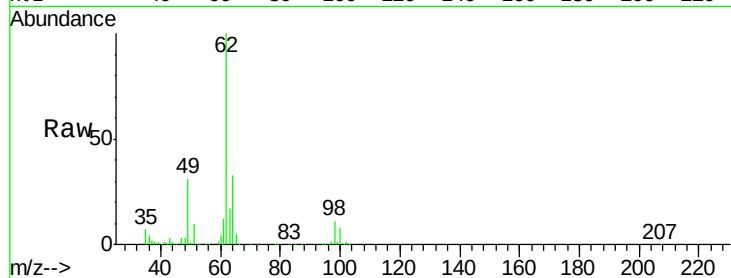
98 11.2 0.0 24.2

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

8.24

120000

100000

80000

60000

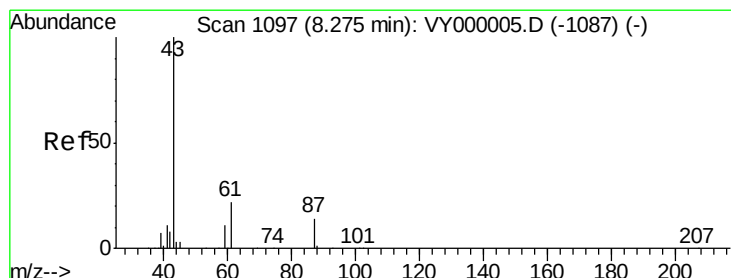
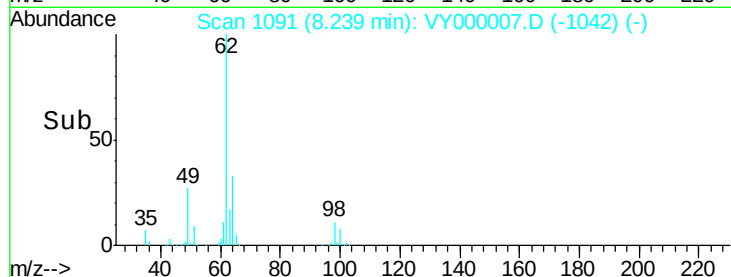
40000

20000

0

8.15 8.20 8.25 8.30 8.35

Time-->



#43

Isopropyl Acetate

Concen: 118.385 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

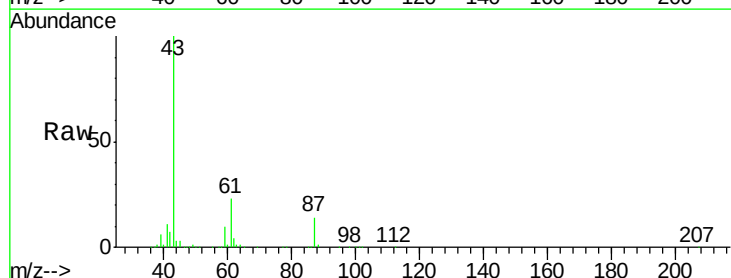
Tgt Ion: 43 Resp: 353178

Ion Ratio Lower Upper

43 100

61 30.4 25.2 37.8

87 14.8 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

8.28

200000

150000

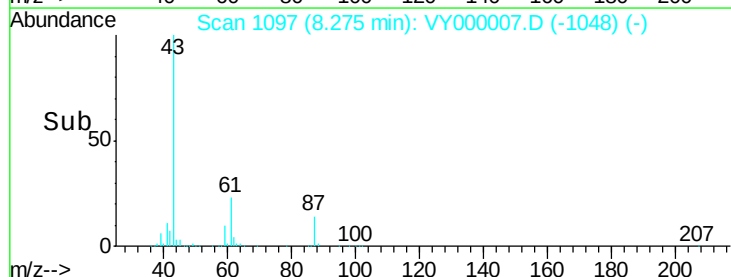
100000

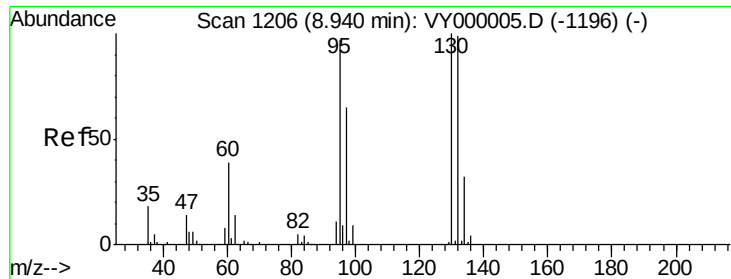
50000

0

8.20 8.30 8.40

Time-->





#44

Trichloroethene

Concen: 132.875 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 239364

Ion Ratio Lower Upper

130 100

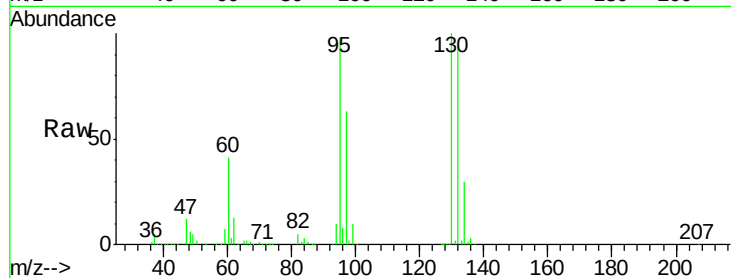
95 98.3 0.0 194.2

Manual Integrations

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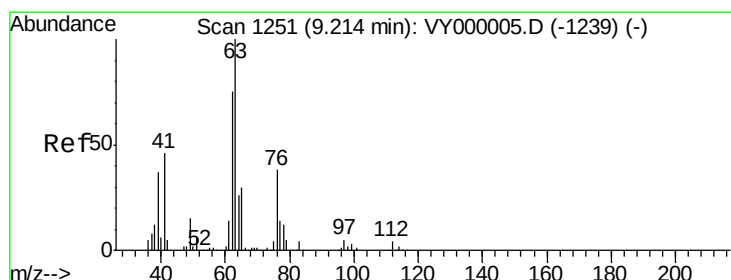
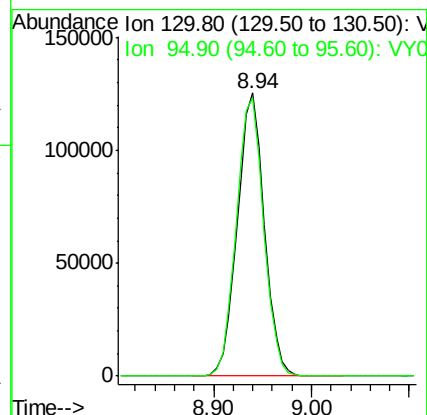
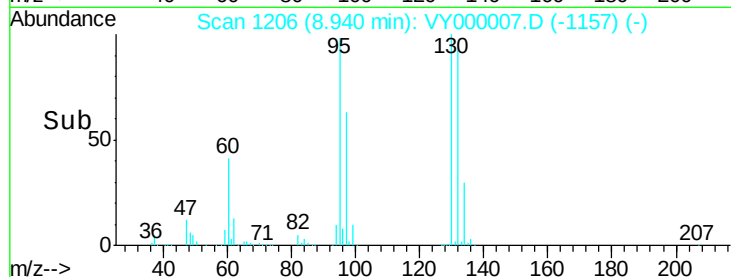
9/13/2019 11:51:34 PM



Abundance Ion 129.80 (129.50 to 130.50): VY000007.D (-1196) (-)

Ion 94.90 (94.60 to 95.60): VY000007.D (-1196) (-)

8.94



#45

1,2-Dichloropropane

Concen: 125.699 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VY000007.D

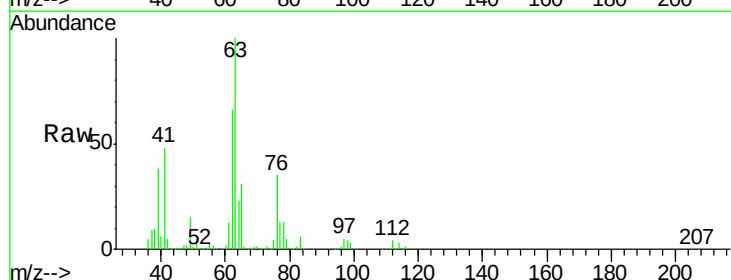
Acq: 11 Sep 2019 18:27

Tgt Ion: 63 Resp: 241348

Ion Ratio Lower Upper

63 100

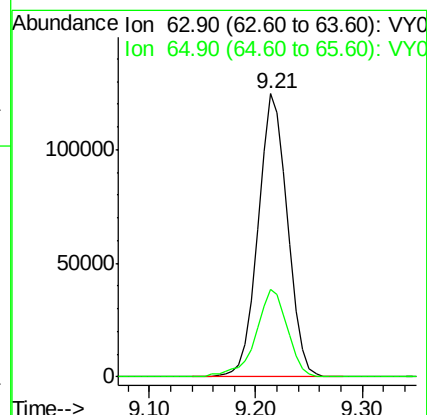
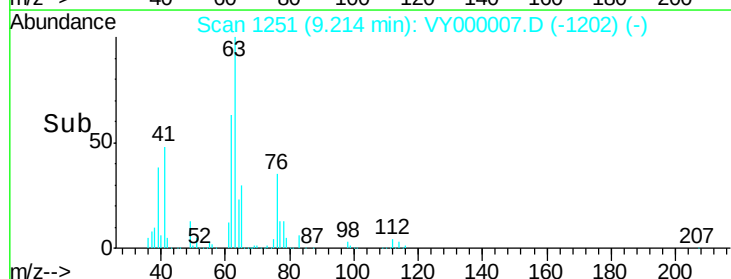
65 30.8 24.3 36.5

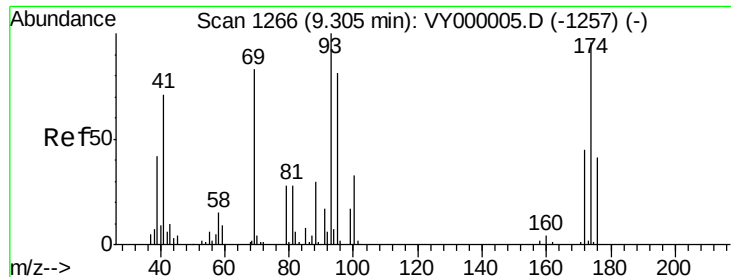


Abundance Ion 62.90 (62.60 to 63.60): VY000007.D (-1202) (-)

Ion 64.90 (64.60 to 65.60): VY000007.D (-1202) (-)

9.21





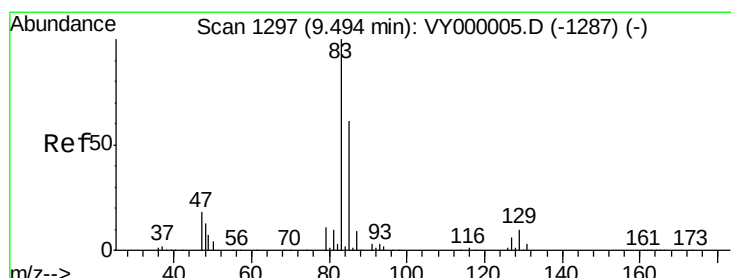
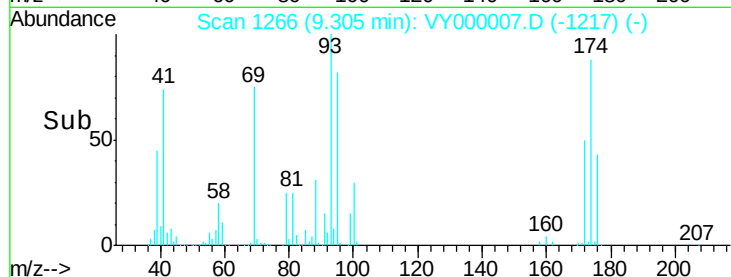
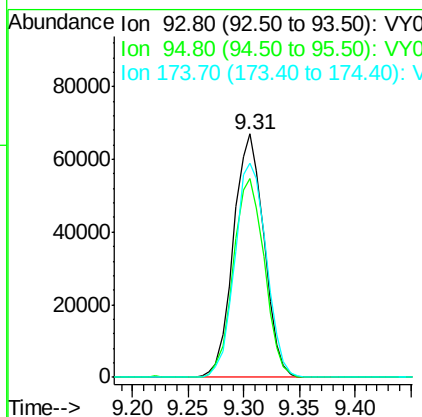
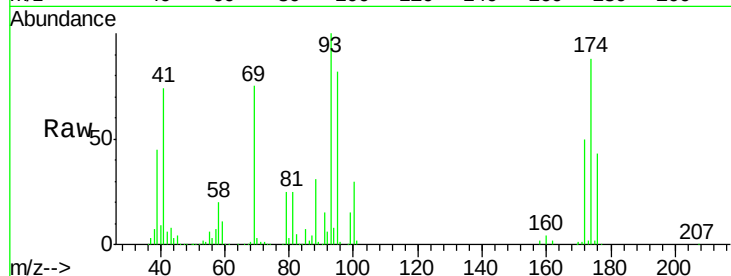
#46
Dibromomethane
Concen: 137.439 ug/l
RT: 9.31 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
93	100	126997		
95	83.2		68.1	102.1
174	90.9		72.8	109.2

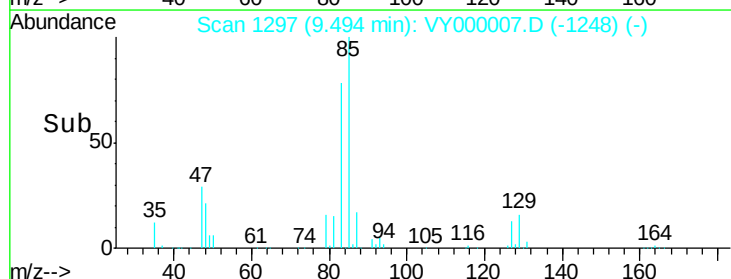
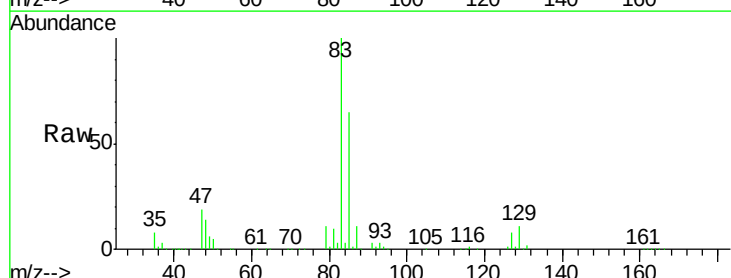
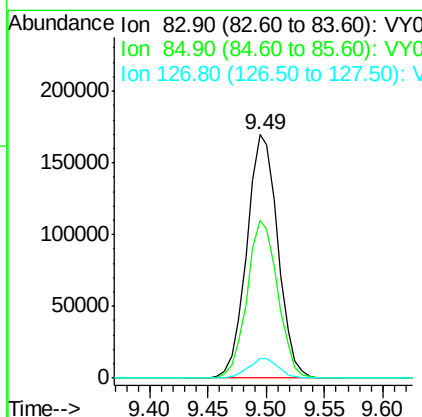
Manual Integrations
APPROVED

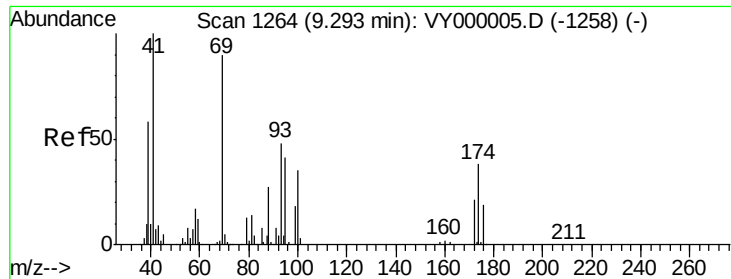
MMDadoda
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#47
Bromodichloromethane
Concen: 126.701 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	315693		
85	64.8		49.2	73.8
127	8.1		5.0	7.6#





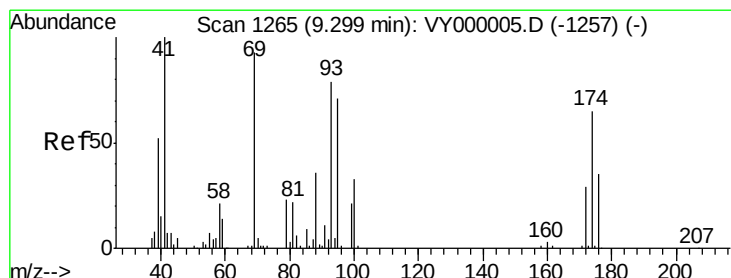
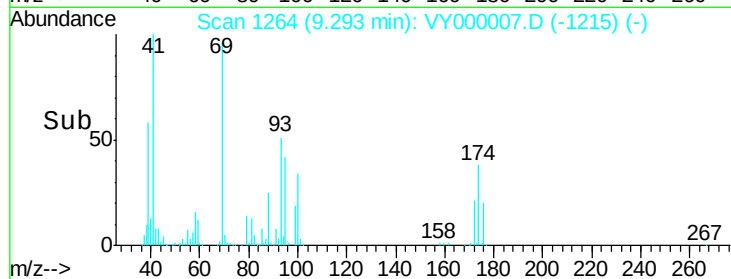
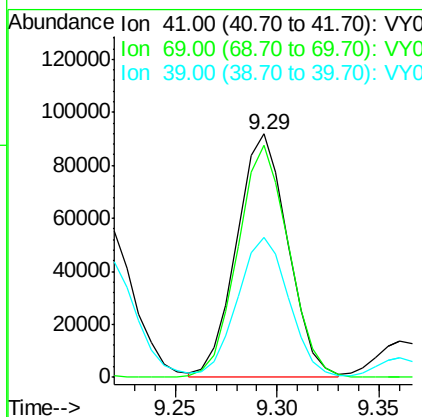
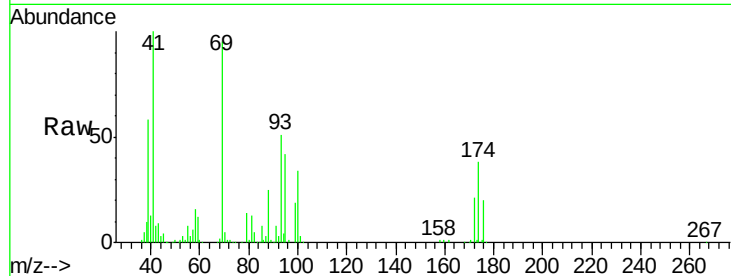
#48
Methvl methacrylate
Concen: 112.354 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
69	95.3	77.4	116.2
39	58.1	47.4	71.2

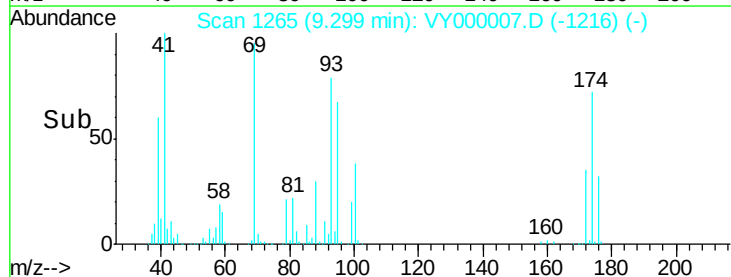
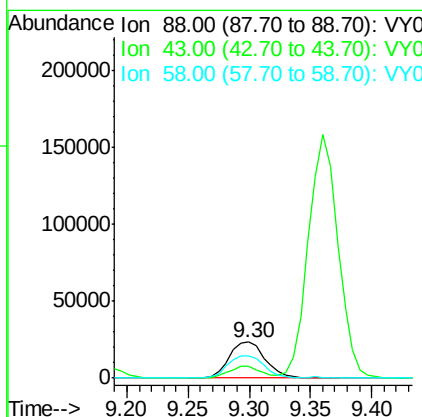
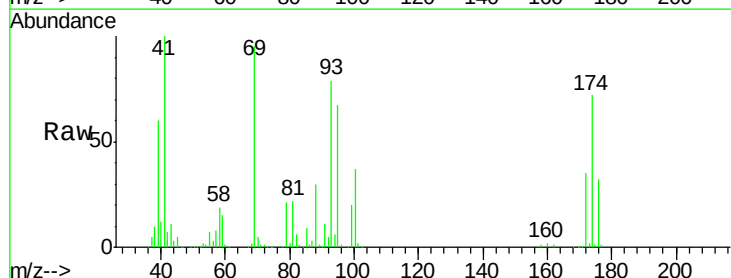
Manual Integrations
APPROVED

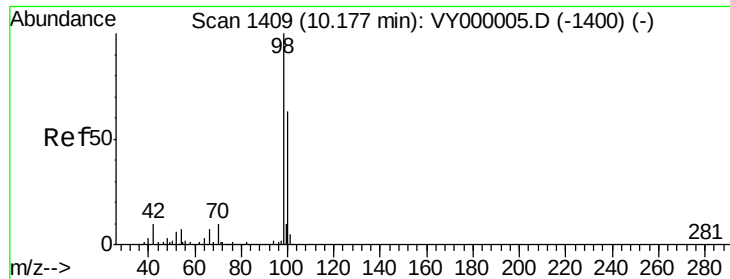
MMDadoda
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#49
1,4-Dioxane
Concen: 2543.569 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.3	23.4	35.2
58	63.8	46.1	69.1





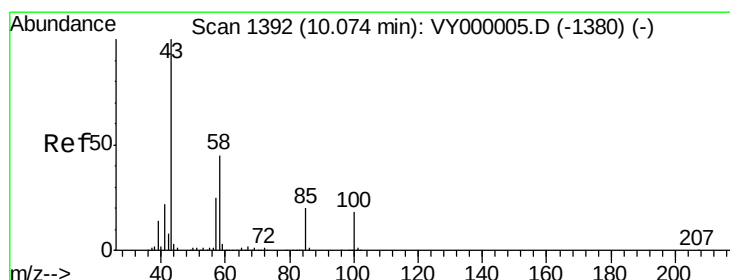
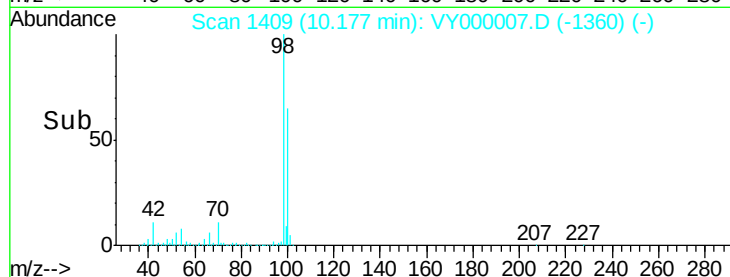
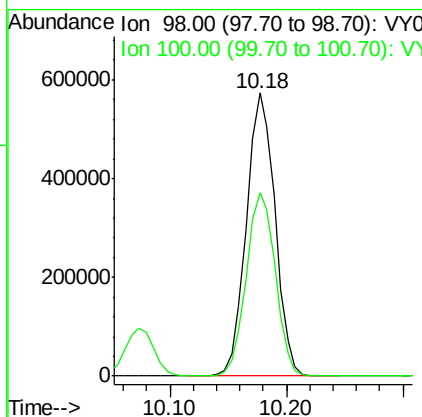
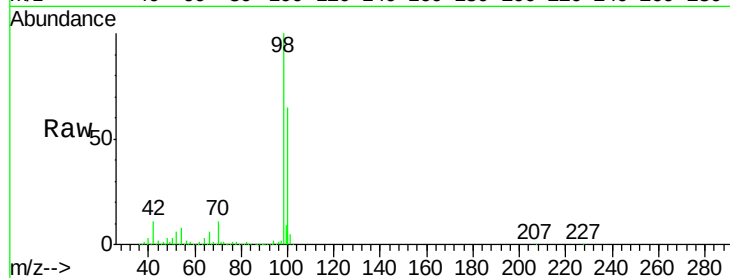
#50
Toluene-d8
Concen: 145.738 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion: 98 Resp: 987024
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

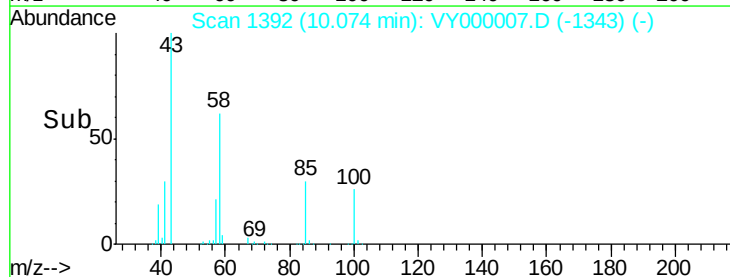
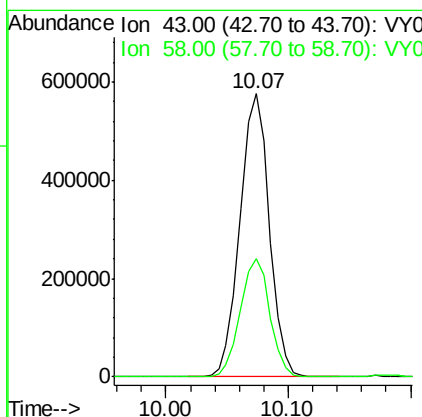
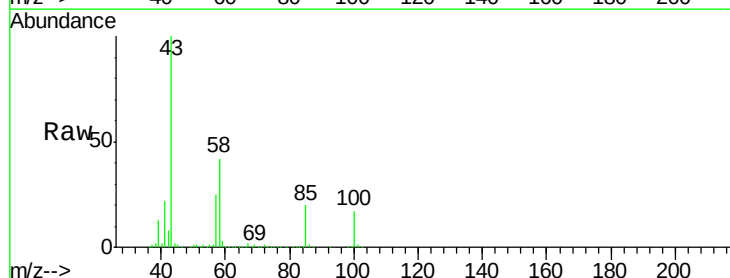
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APPROVED

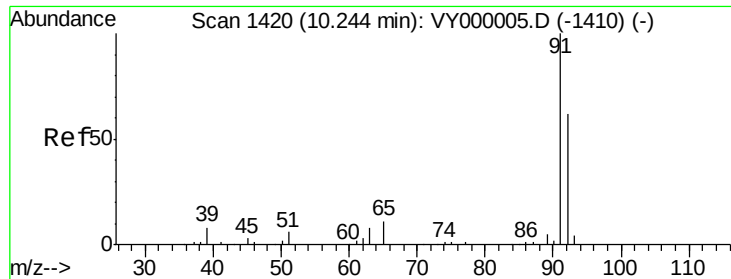
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#51
4-Methyl-2-Pentanone
Concen: 605.656 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion: 43 Resp: 957131
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1





#52

Toluene

Concen: 138.298 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 603258

Ion Ratio Lower Upper

92 100

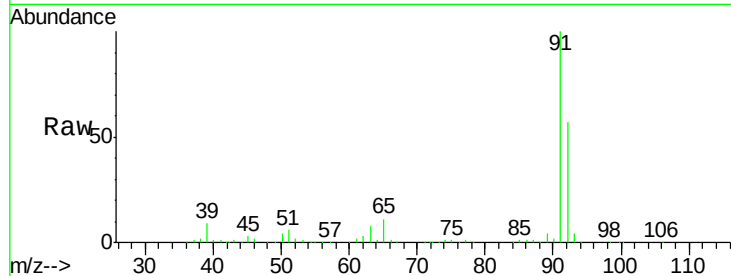
91 170.8 136.5 204.7

Manual Integrations

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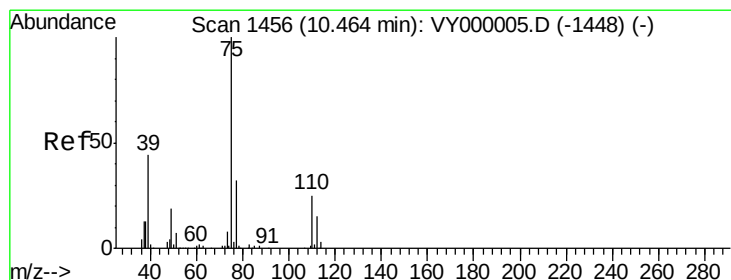
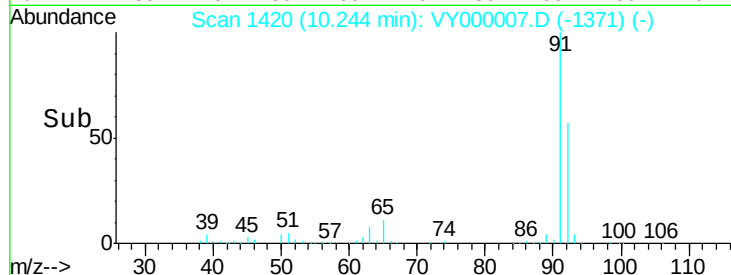
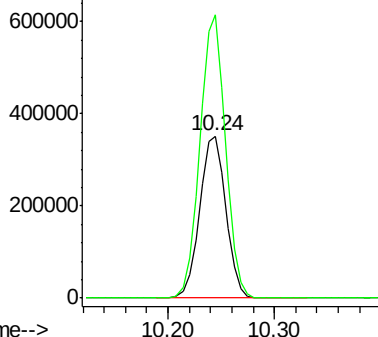
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Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#53

t-1,3-Dichloropropene

Concen: 130.842 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. 0.00 min

Lab File: VY000007.D

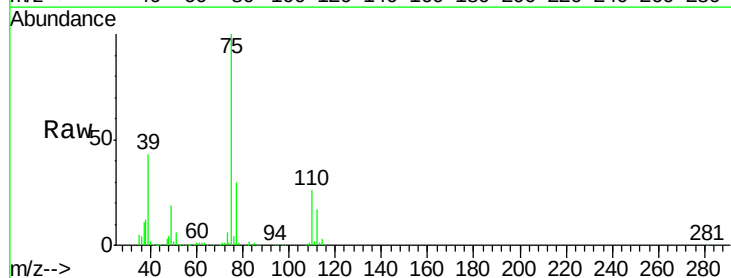
Acq: 11 Sep 2019 18:27

Tgt Ion: 75 Resp: 337166

Ion Ratio Lower Upper

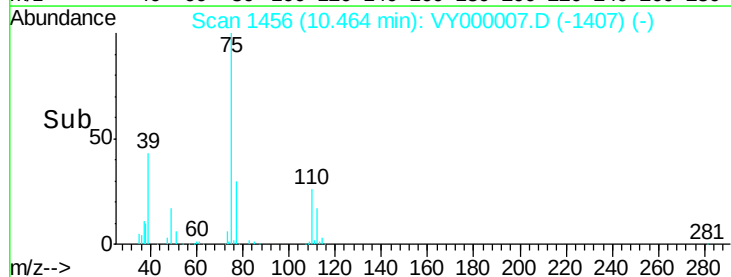
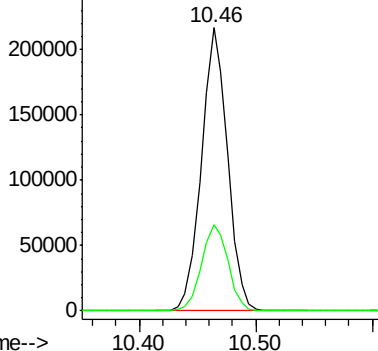
75 100

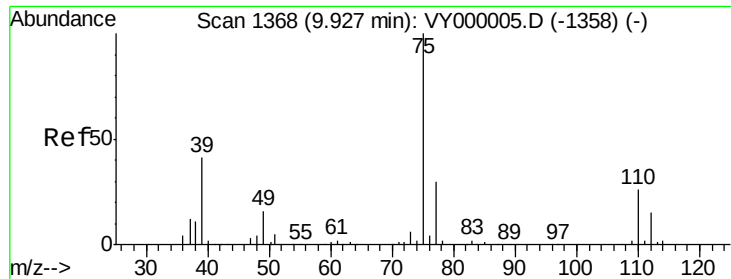
77 30.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0





#54

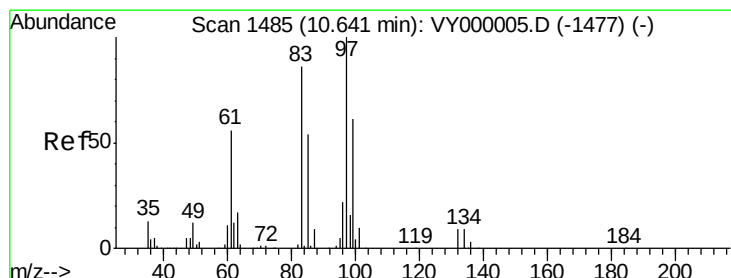
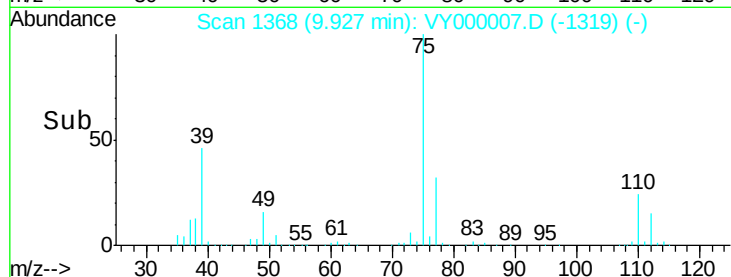
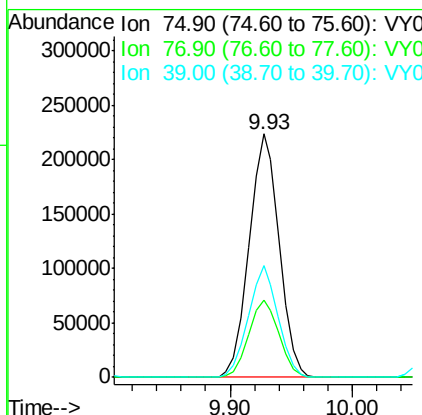
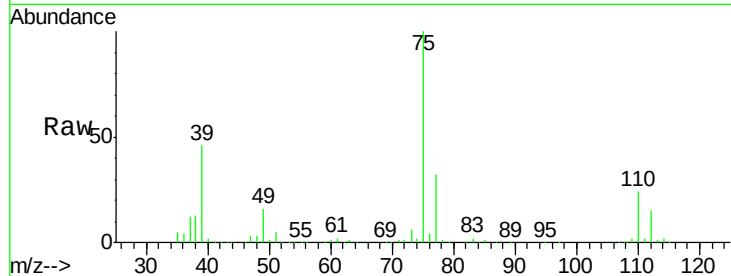
cis-1,3-Dichloropropene
Concen: 130.488 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.1	36.1
39	45.7	33.0	49.4

Manual Integrations
APPROVED

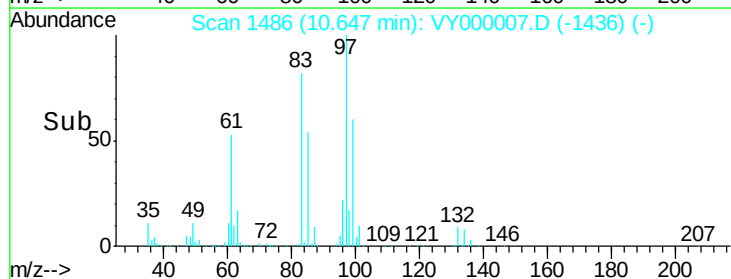
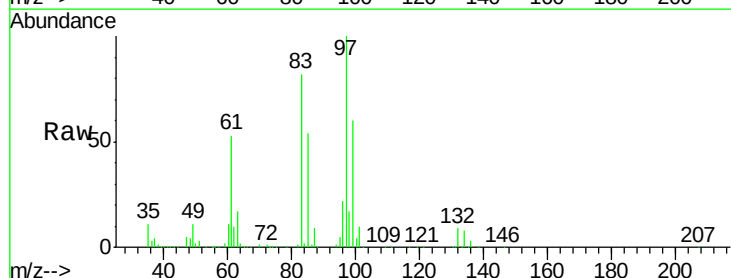
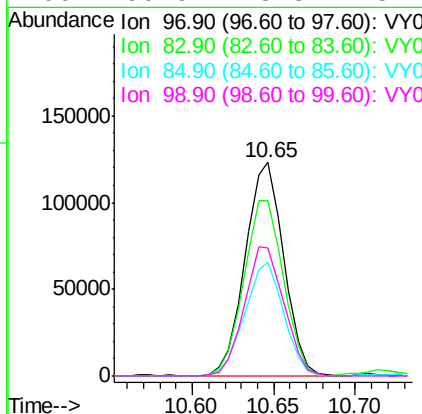
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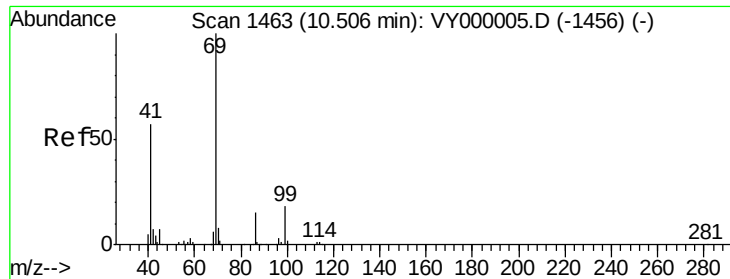


#55

1,1,2-Trichloroethane
Concen: 144.916 ug/l
RT: 10.65 min Scan# 1486
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.4	102.6
85	53.6	43.0	64.6
99	59.9	48.8	73.2





#56

Ethyl methacrylate

Concen: 140.565 ug/l

RT: 10.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

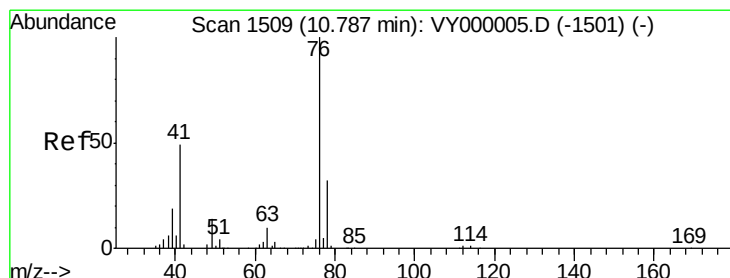
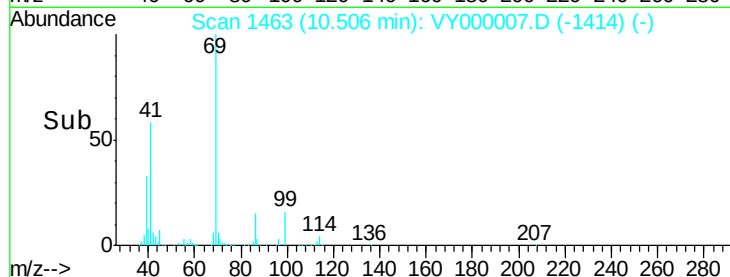
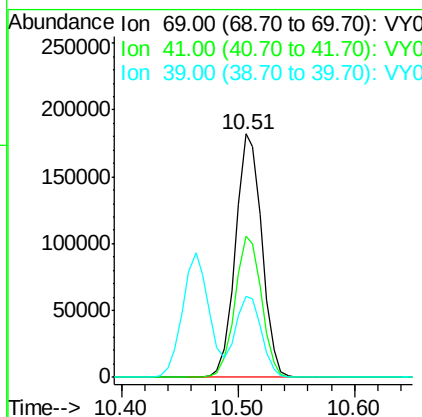
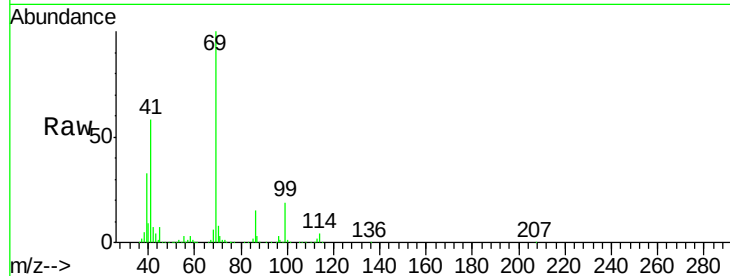
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	285925
Ion Ratio	Lower	Upper	
69	100		
41	58.2	46.3	69.5
39	32.6	25.8	38.6

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 129.099 ug/l

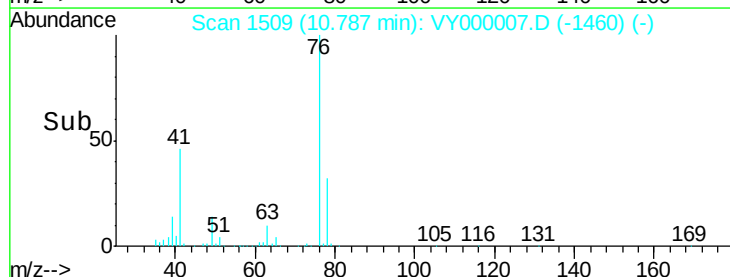
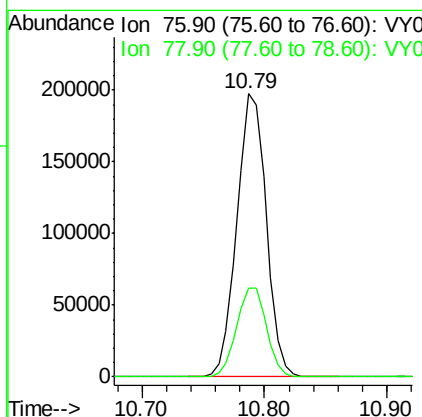
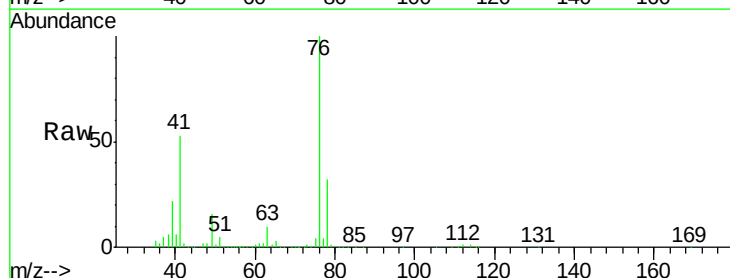
RT: 10.79 min Scan# 1509

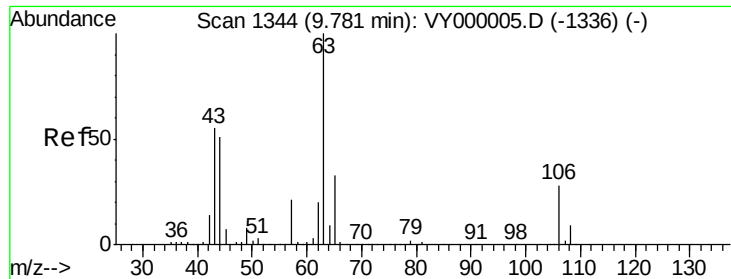
Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion:	76	Resp:	327970
Ion Ratio	Lower	Upper	
76	100		
78	32.1	26.1	39.1





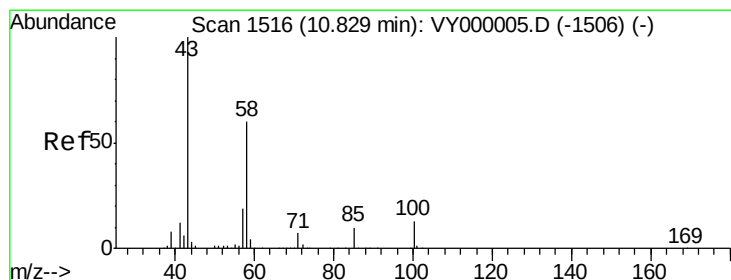
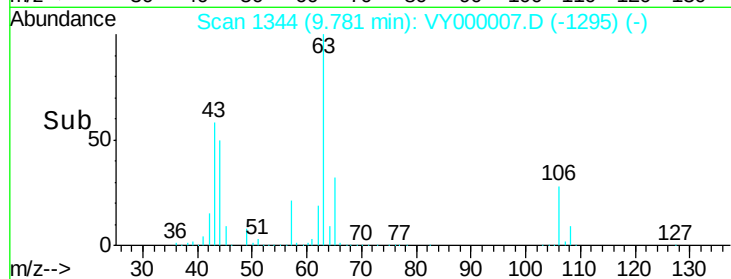
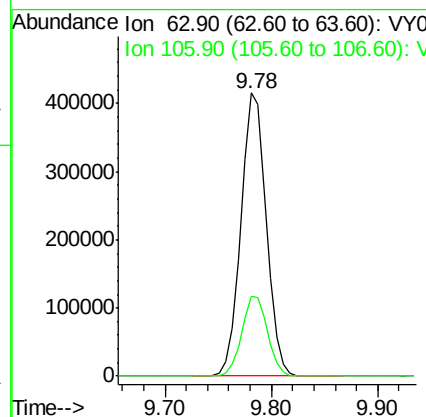
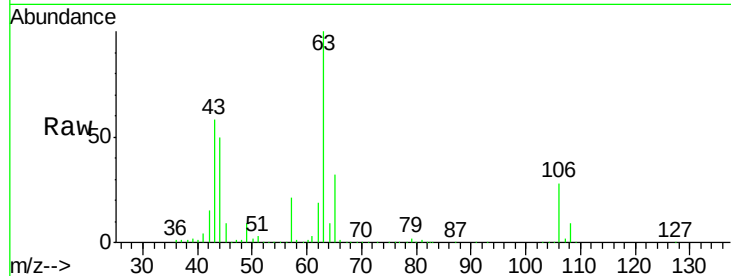
#58
 2-Chloroethyl Vinyl ether
 Concen: 638.620 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 695174
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.3 34.9

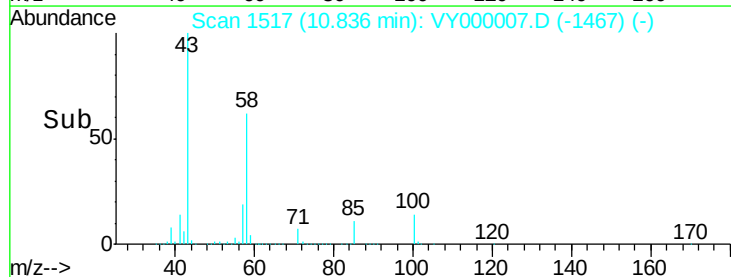
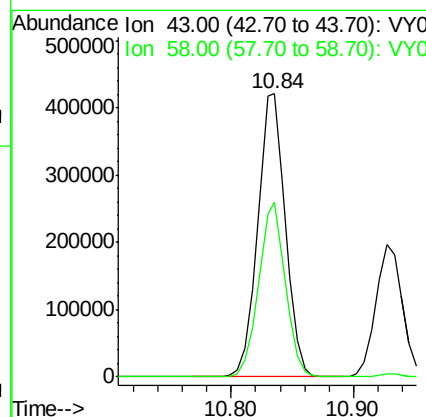
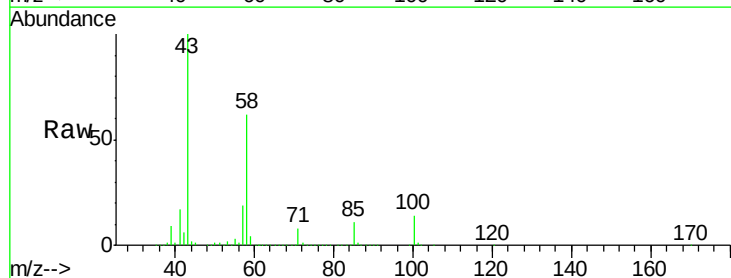
Manual Integrations
 APPROVED

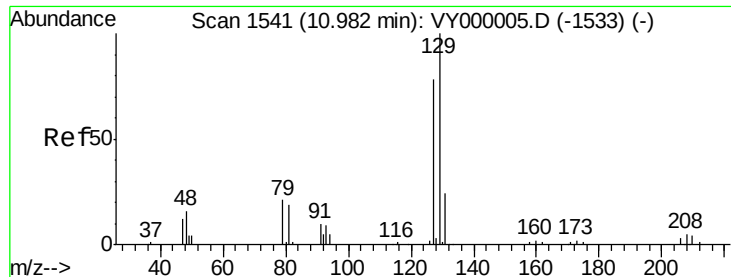
MMDadoda
 9/13/2019 11:51:34 PM



#59
 2-Hexanone
 Concen: 574.346 ug/l
 RT: 10.84 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion: 43 Resp: 663023
 Ion Ratio Lower Upper
 43 100
 58 59.5 29.8 89.5





#60

Dibromochloromethane

Concen: 135.440 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 218537

Ion Ratio Lower Upper

129 100

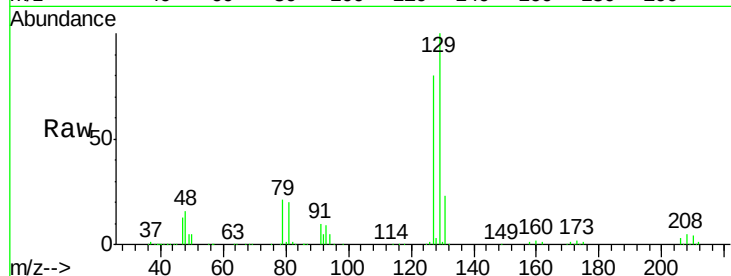
127 77.5 39.2 117.6

Manual Integrations

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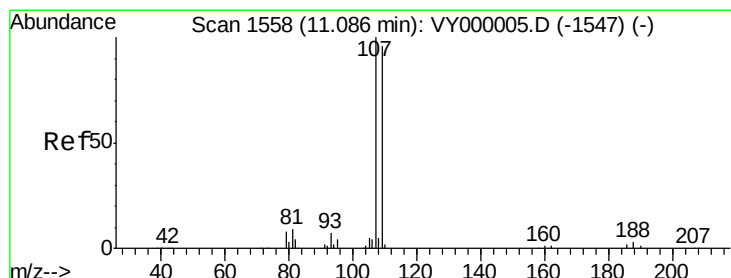
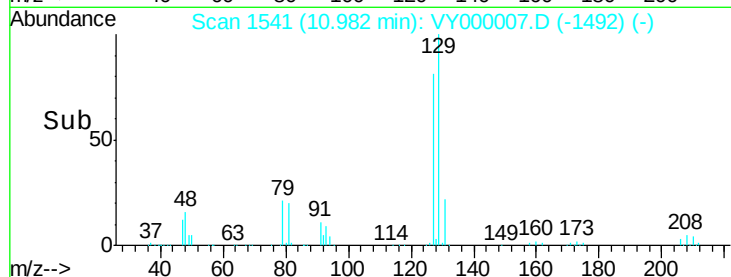
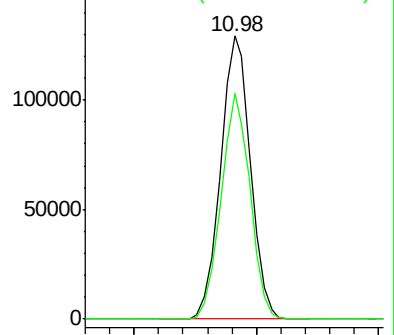
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 141.500 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VY000007.D

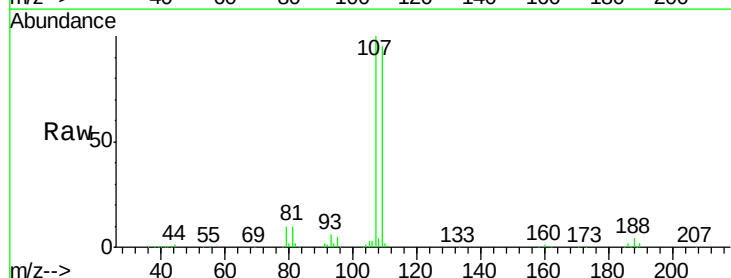
Acq: 11 Sep 2019 18:27

Tgt Ion:107 Resp: 181488

Ion Ratio Lower Upper

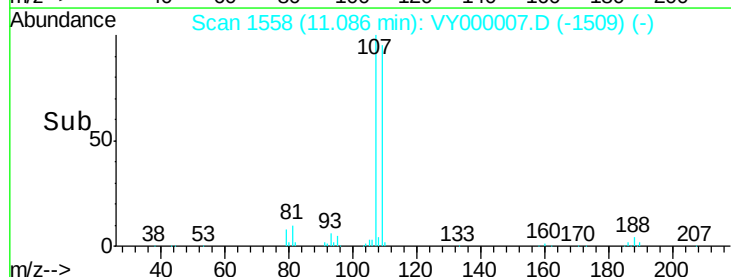
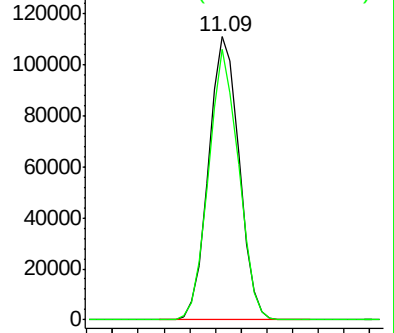
107 100

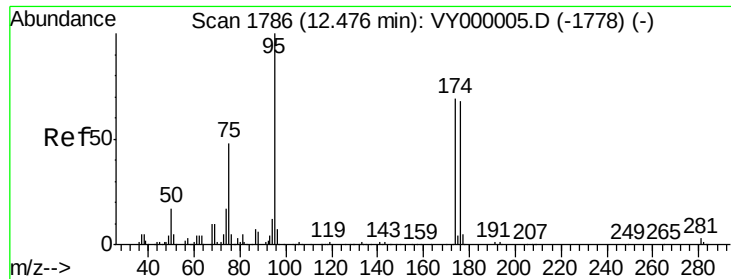
109 94.2 73.2 109.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 134.661 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

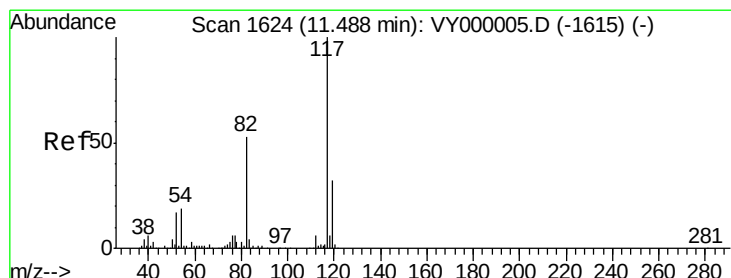
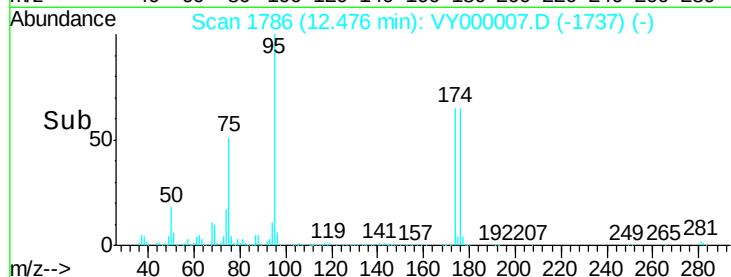
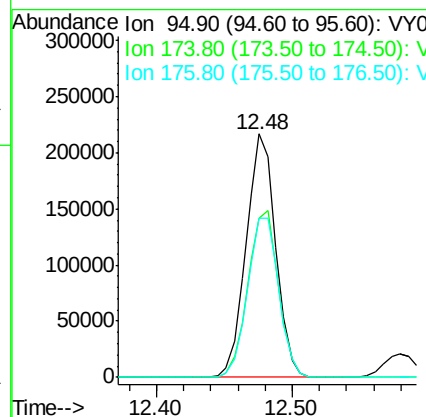
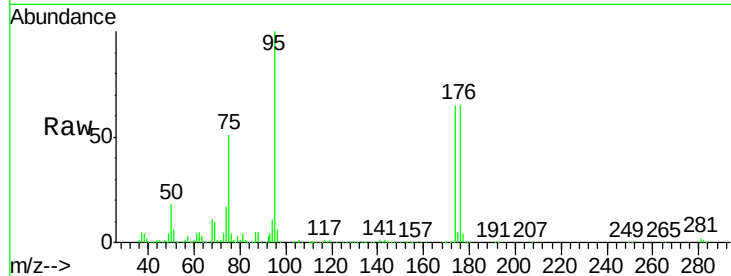
ClientSampleId :

VSTDICC150

Tot Ion:	95	Resp:	328040
Ion Ratio	Lower	Upper	
95	100		
174	70.9	0.0	145.8
176	69.2	0.0	138.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

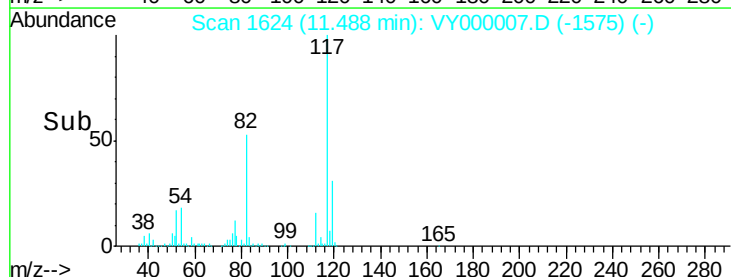
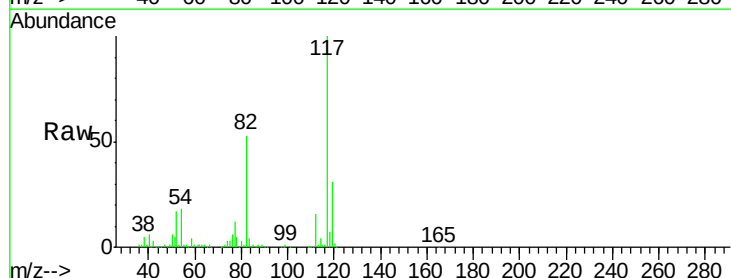
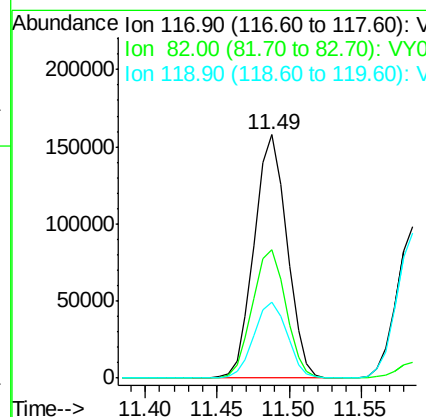
RT: 11.49 min Scan# 1624

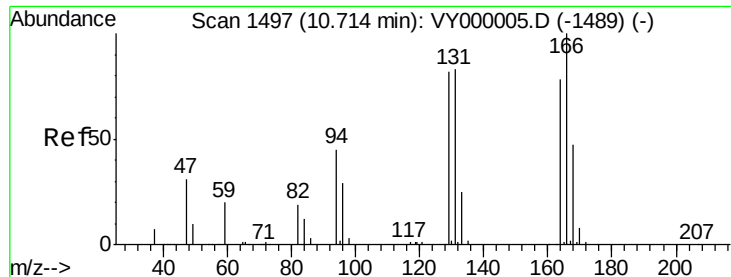
Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion:	117	Resp:	248383
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.3	63.5
119	31.0	25.8	38.8





#64

Tetrachloroethene

Concen: 134.615 ug/l

RT: 10.71 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 199324

Ion Ratio Lower Upper

164 100

166 130.9 102.5 153.7

129 104.3 83.8 125.8

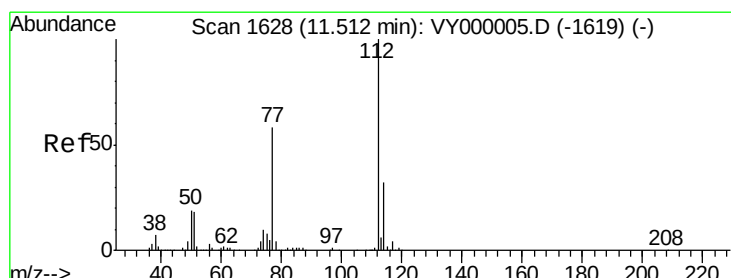
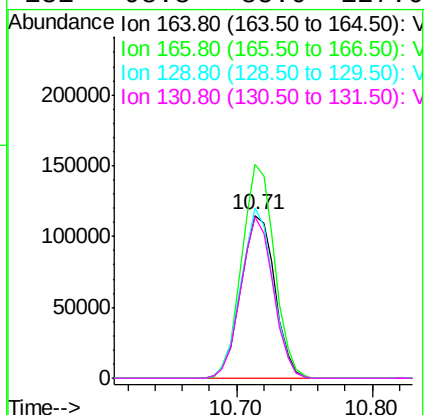
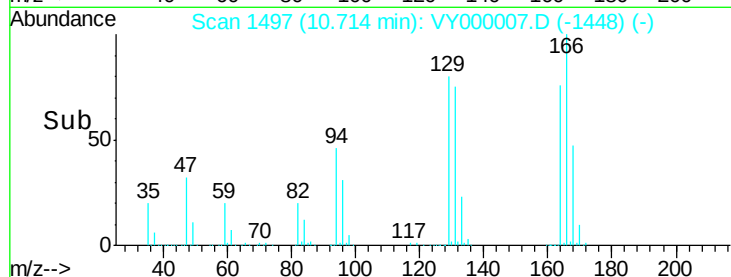
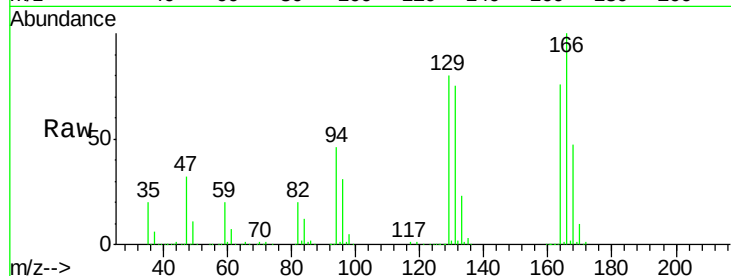
131 98.8 85.0 127.6

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#65

Chlorobenzene

Concen: 137.695 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VY000007.D

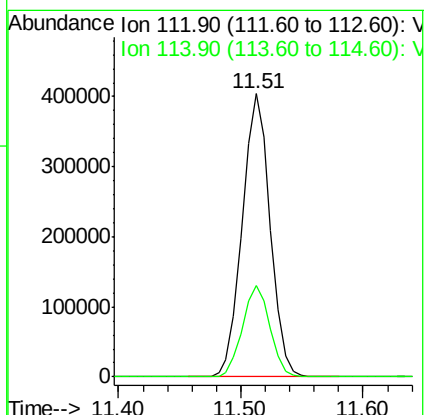
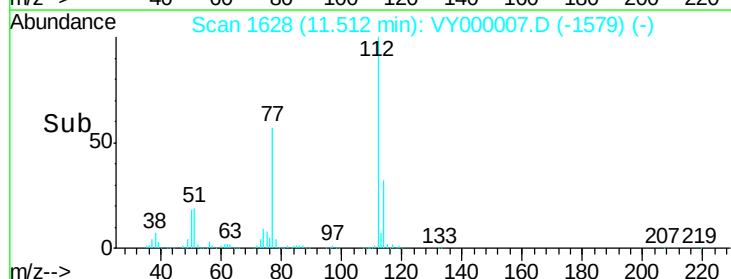
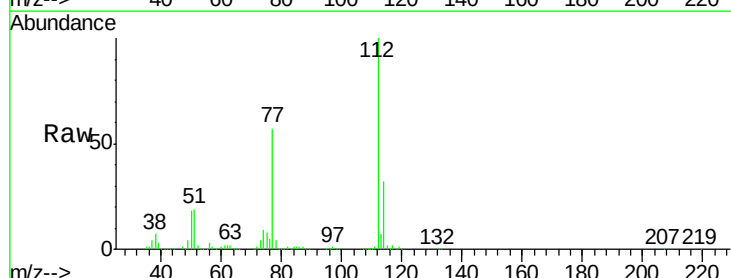
Acq: 11 Sep 2019 18:27

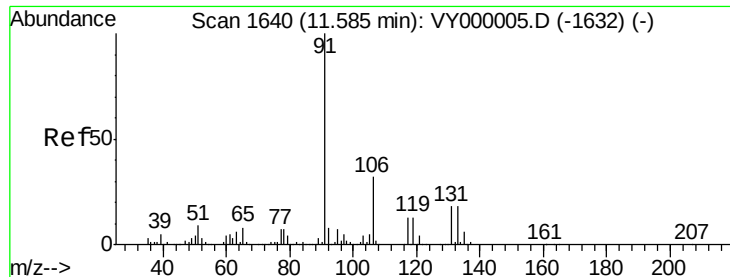
Tgt Ion:112 Resp: 637966

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 128.336 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

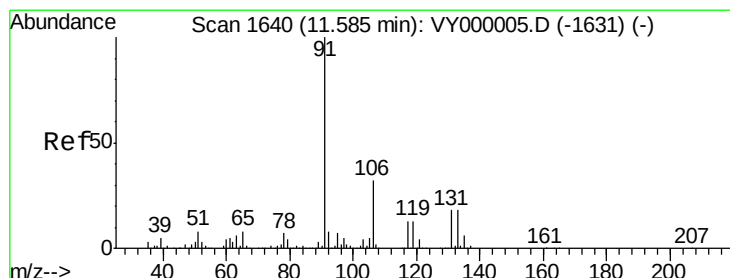
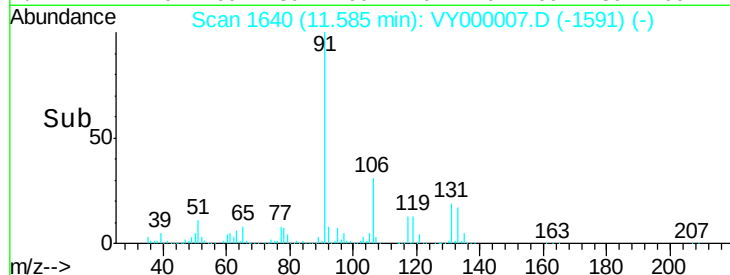
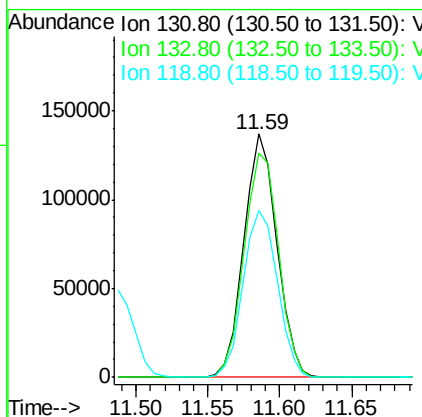
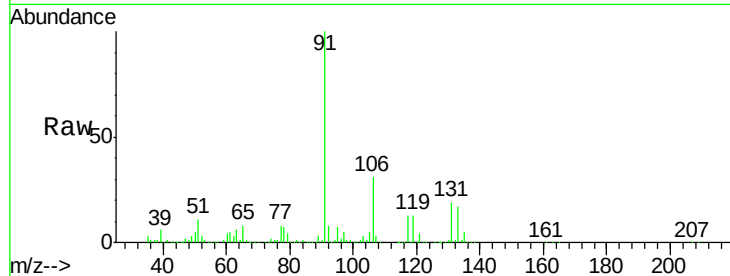
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	216981		
133	96.5	48.7	146.1	
119	71.3	35.8	107.3	

Manual Integrations
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#67

Ethyl Benzene

Concen: 136.529 ug/l

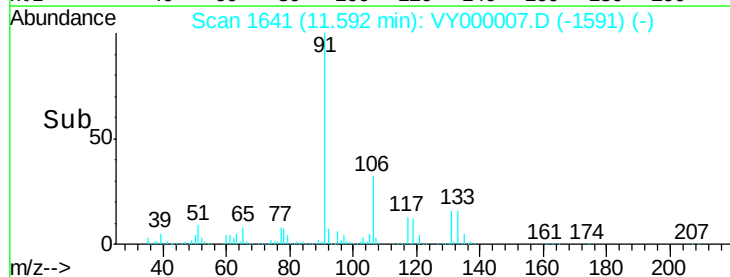
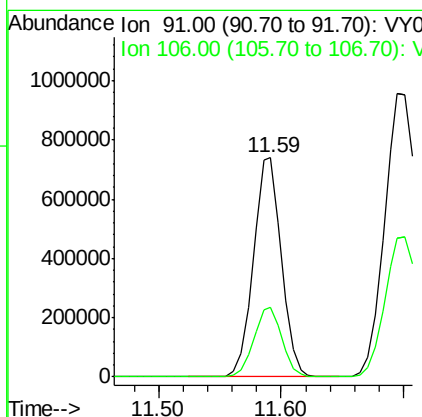
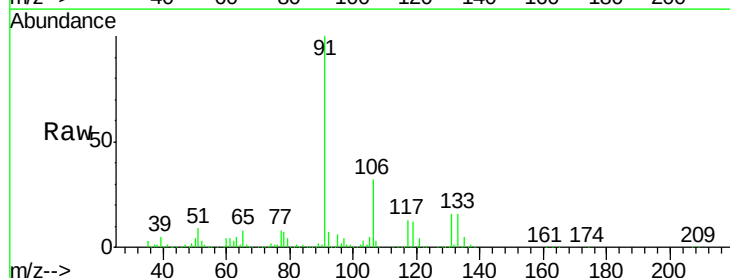
RT: 11.59 min Scan# 1641

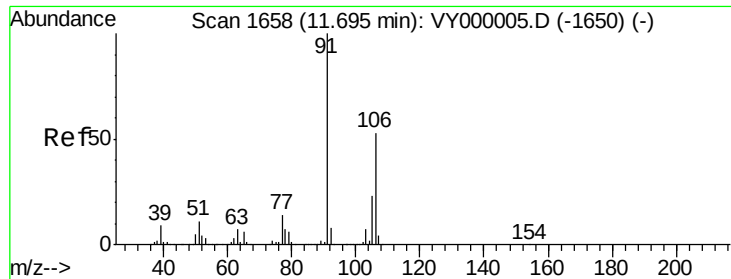
Delta R.T. 0.01 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1175654		
106	32.1	25.4	38.2	





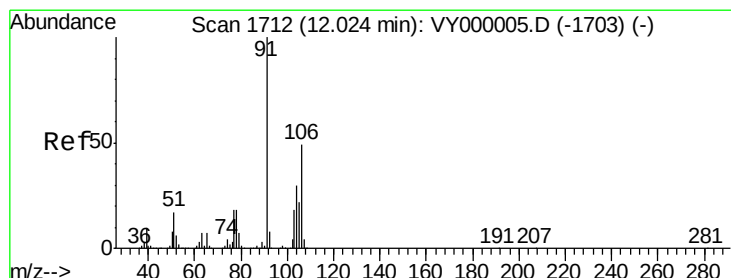
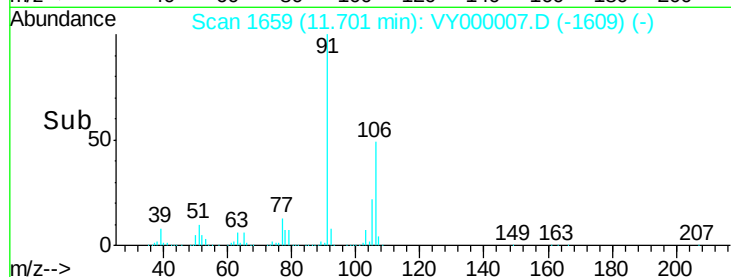
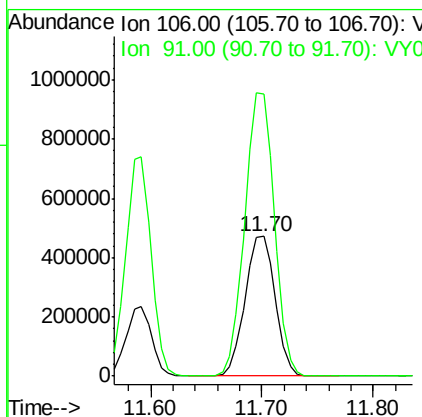
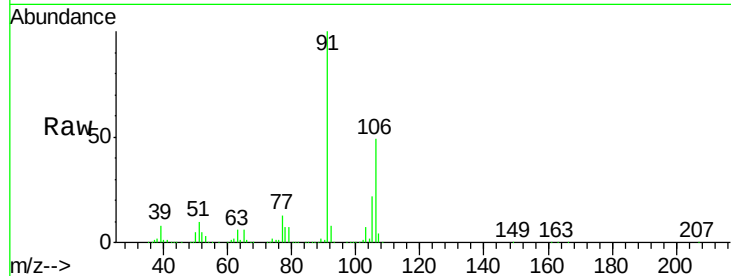
#68
m/p-Xylenes
Concen: 281.855 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		889432		
91	199.4	157.1	235.7		

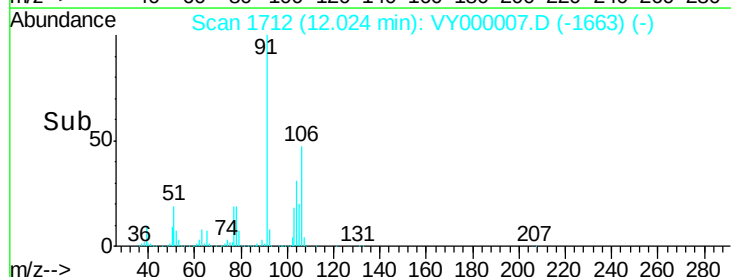
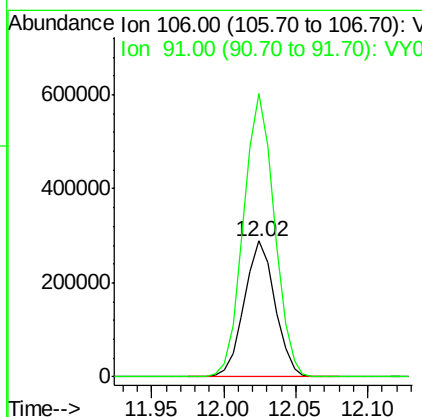
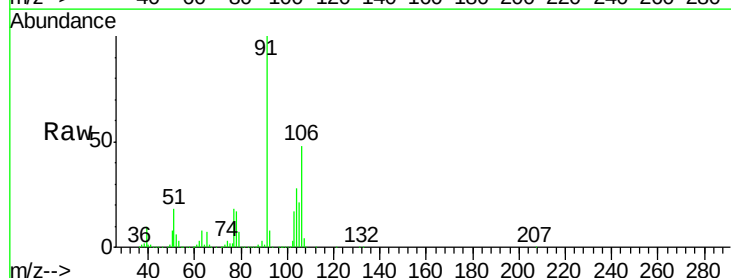
Manual Integrations
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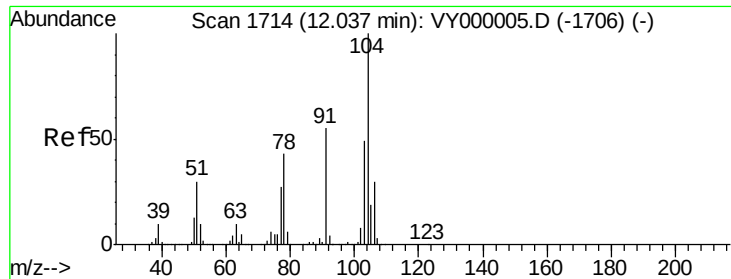
MMDadoda
9/13/2019 11:51:34 PM



#69
o-Xylene
Concen: 143.604 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		426940		
91	209.3	100.6	301.8		





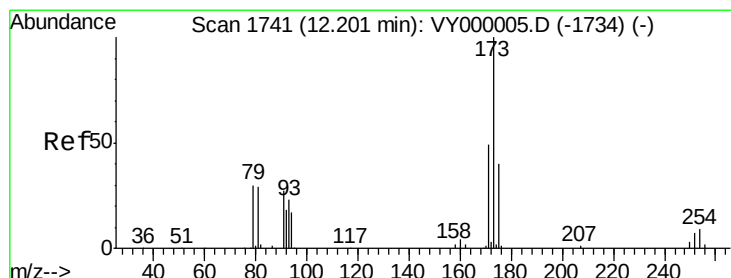
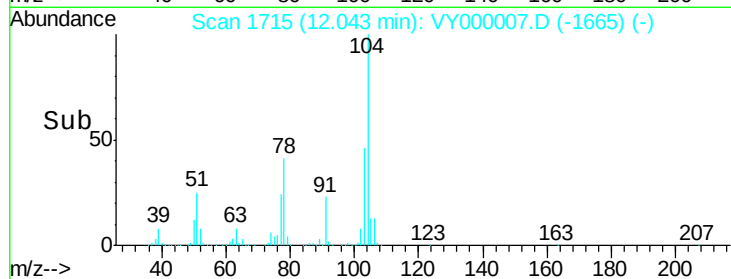
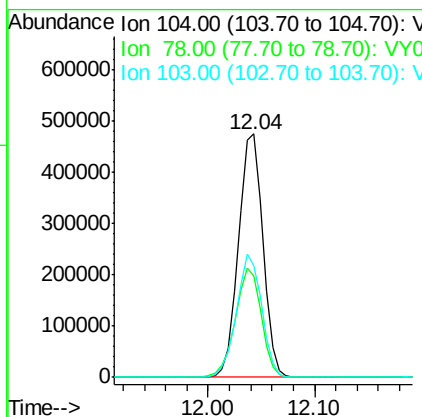
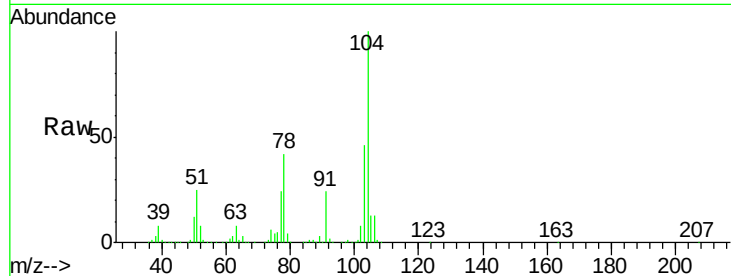
#70
Stvrene
Concen: 146.961 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
104	100	768370		
78	47.5		37.6	56.4
103	52.2		42.6	63.8

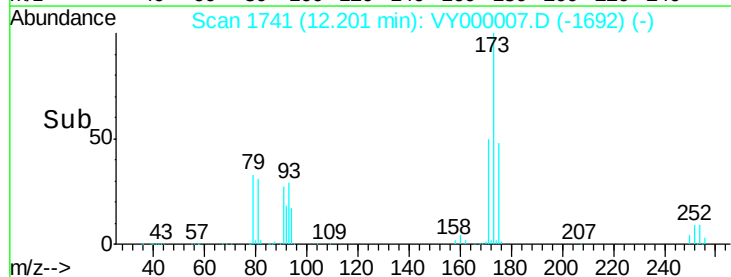
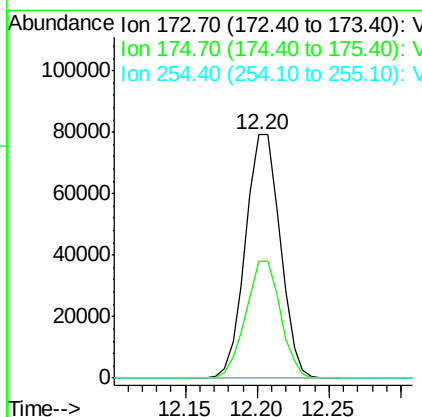
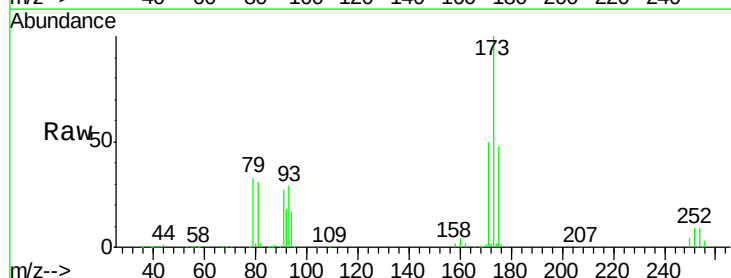
Manual Integrations
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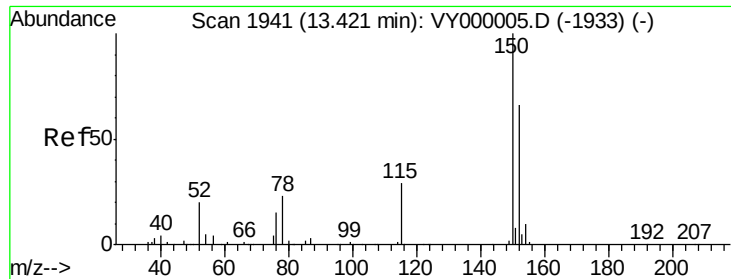
MMDadoda
9/13/2019 11:51:34 PM



#71
Bromoform
Concen: 138.483 ug/l
RT: 12.20 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	132053		
175	48.1		23.8	71.5
254	0.2		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 105888

Ion Ratio Lower Upper

152 100

115 62.7 30.3 91.0

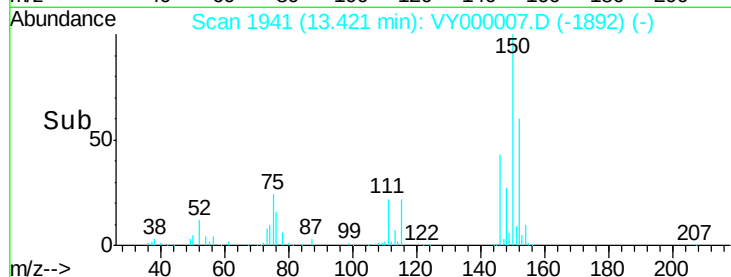
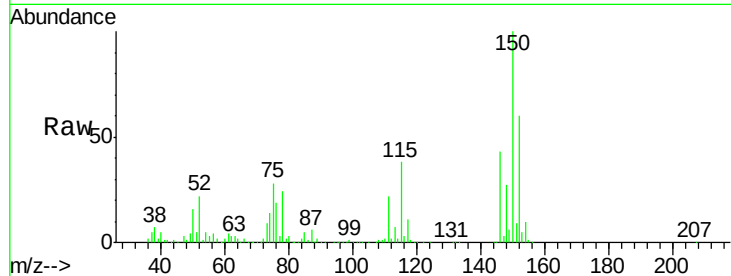
150 207.5 0.0 347.4

Manual Integrations

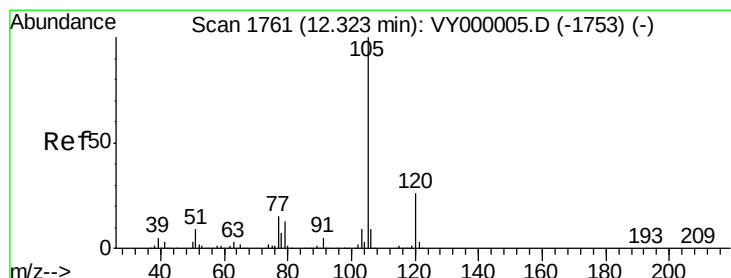
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Time-->



#73

Isopropylbenzene

Concen: 154.457 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000007.D

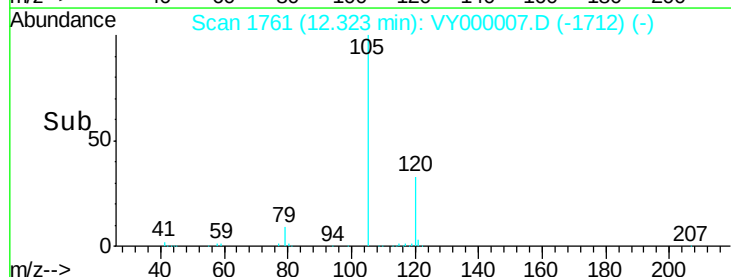
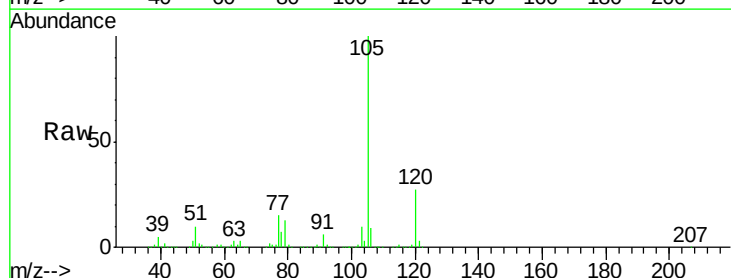
Acq: 11 Sep 2019 18:27

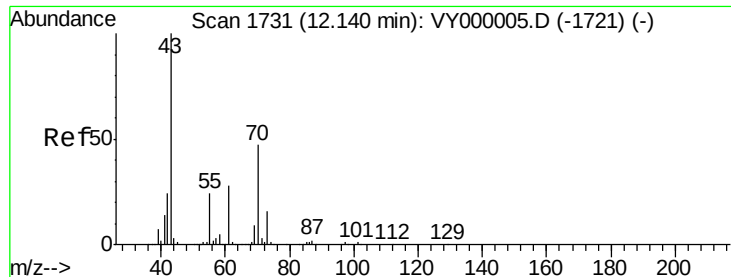
Tgt Ion:105 Resp: 1164849

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4





#74

N-amvl acetate

Concen: 136.872 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

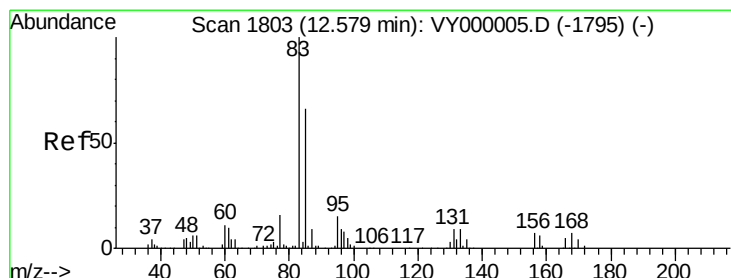
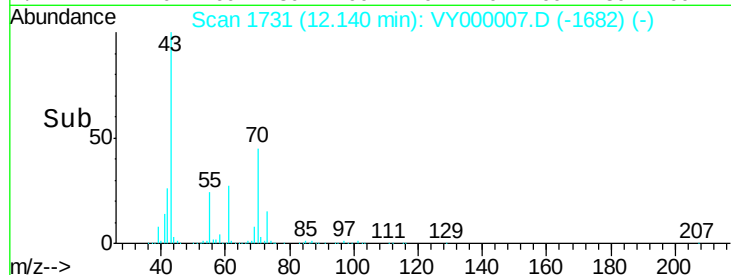
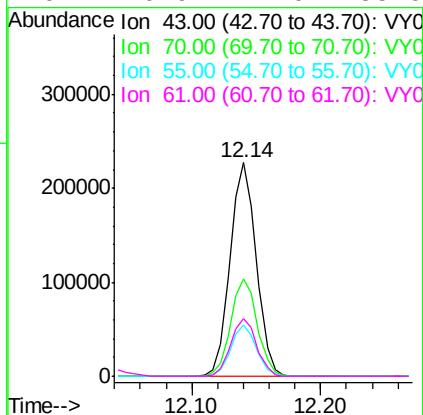
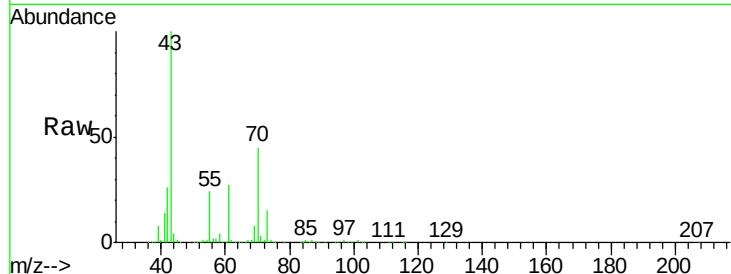
ClientSampleId :

VSTDIC150

Tot Ion	43	Resp	321067
Ion Ratio	Lower	Upper	
43	100		
70	46.1	38.1	57.1
55	23.4	19.9	29.9
61	26.9	22.0	33.0

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 157.453 ug/l

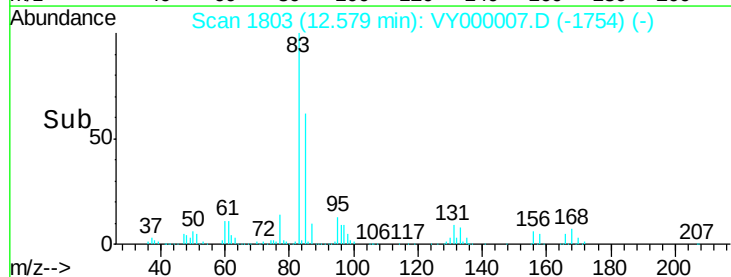
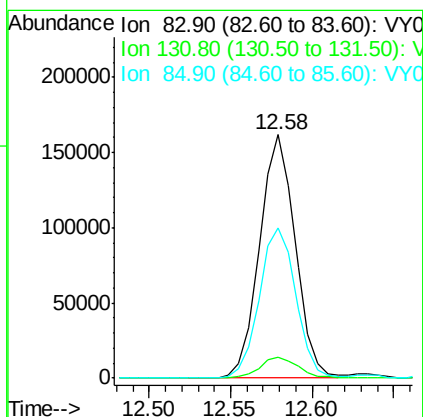
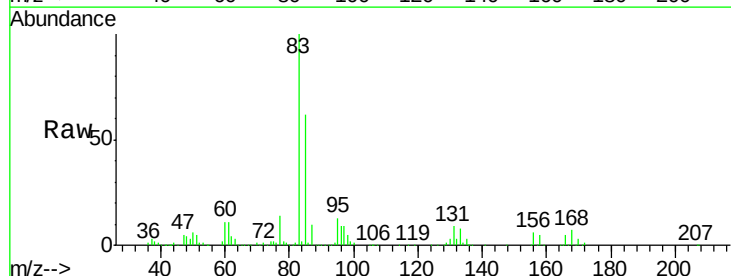
RT: 12.58 min Scan# 1803

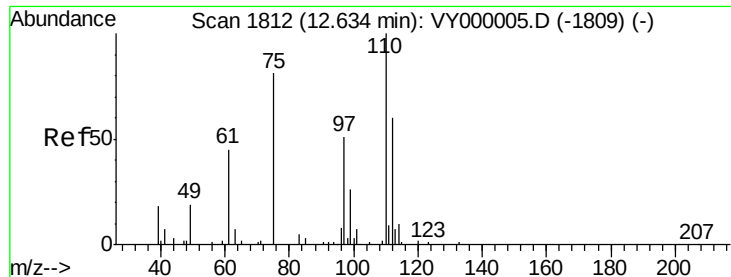
Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion	83	Resp	246387
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.0	14.9
85	63.2	32.1	96.3





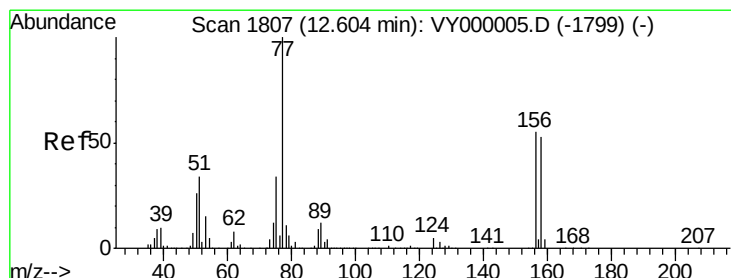
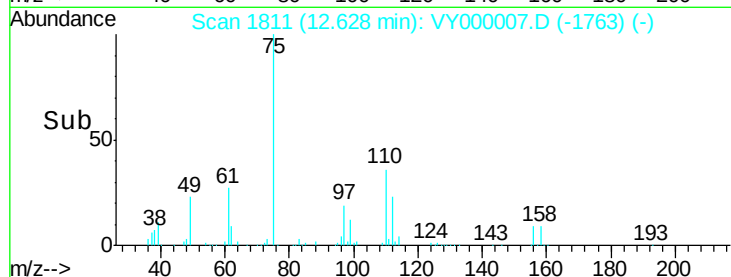
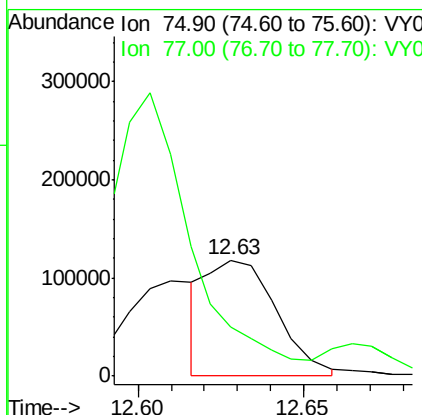
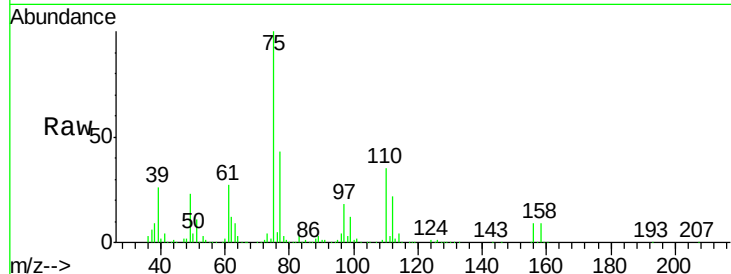
#76
1,2,3-Trichloropropane
Concen: 154.922 ug/l m
RT: 12.63 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100	173233		
77	0.0	0.0	0.0	0.0

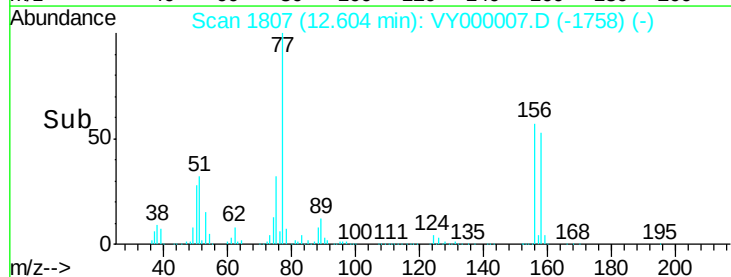
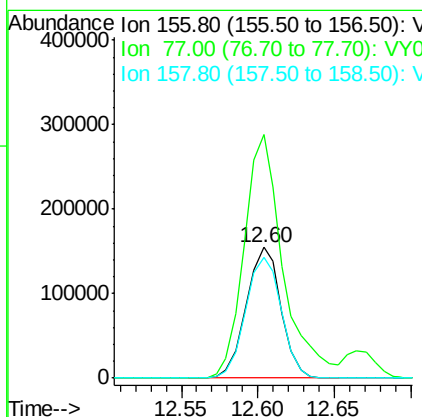
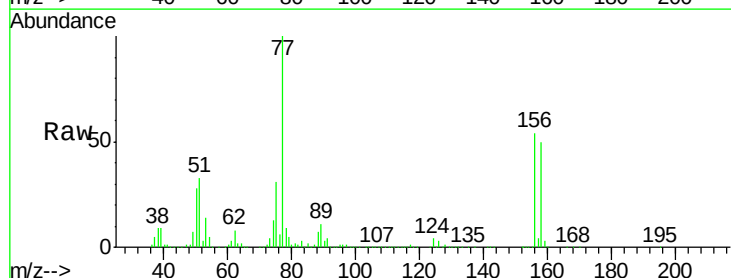
Manual Integrations
APPROVED

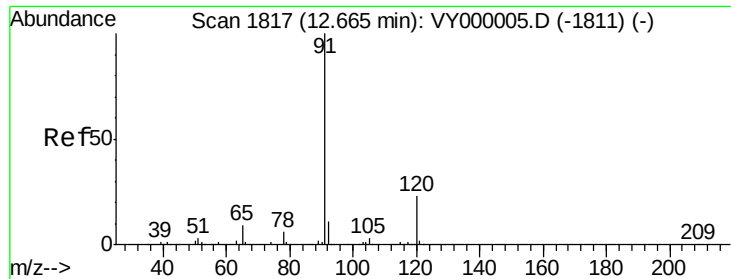
MMDadoda
9/13/2019 11:51:34 PM



#77
Bromobenzene
Concen: 143.427 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	243555		
77	209.5	106.5	319.6	
158	95.3	48.2	144.6	





#78

n-propylbenzene

Concen: 155.794 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1413735

Ion Ratio Lower Upper

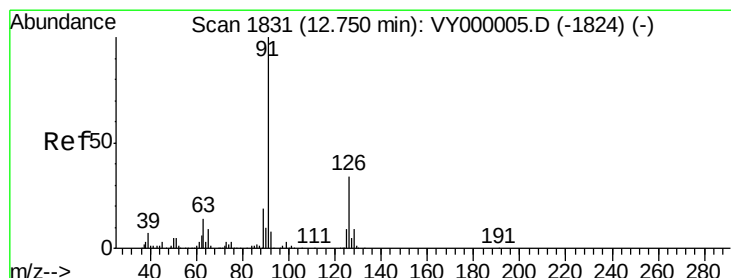
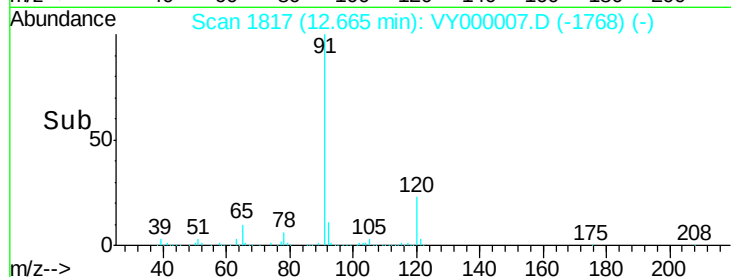
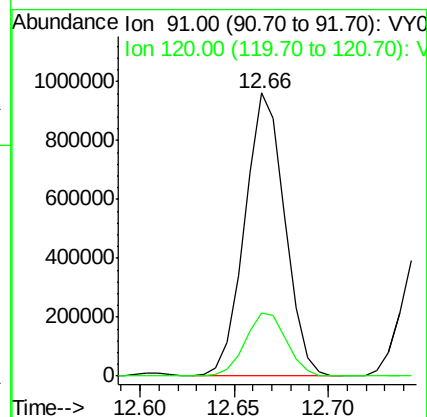
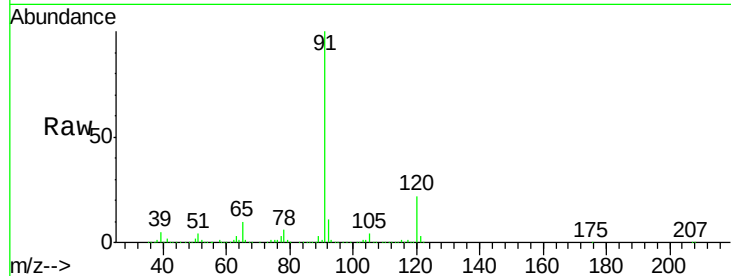
91 100

120 23.0 11.3 33.9

Manual Integrations
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#79

2-Chlorotoluene

Concen: 150.448 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VY000007.D

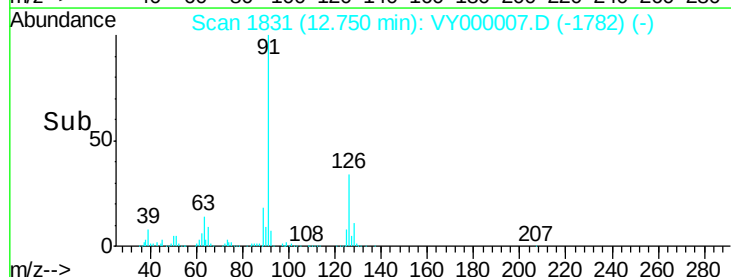
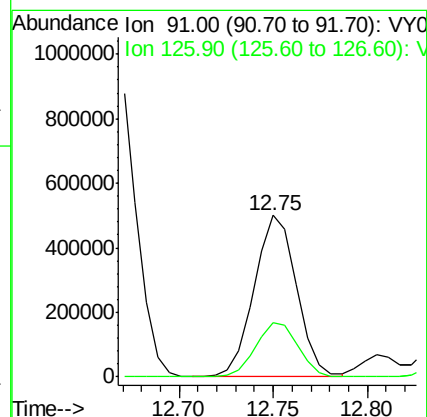
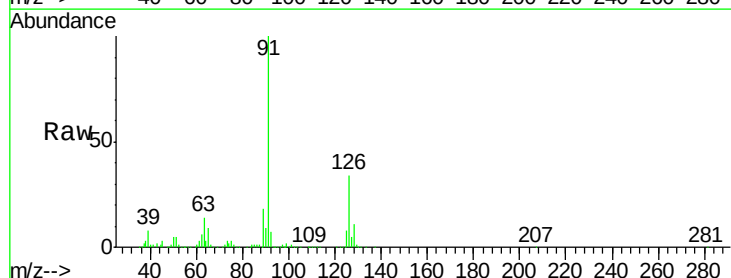
Acq: 11 Sep 2019 18:27

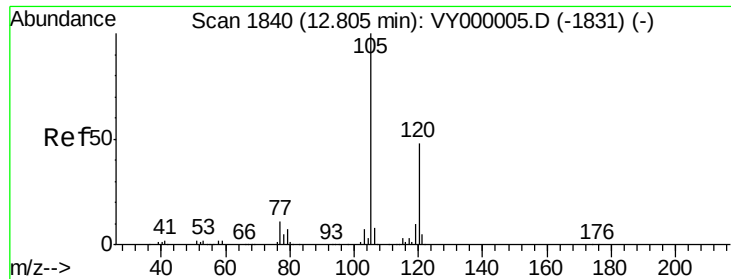
Tgt Ion: 91 Resp: 779207

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6





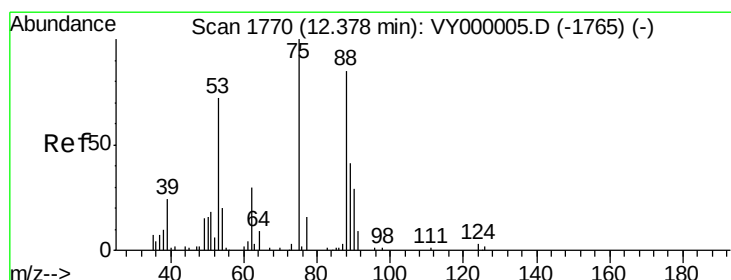
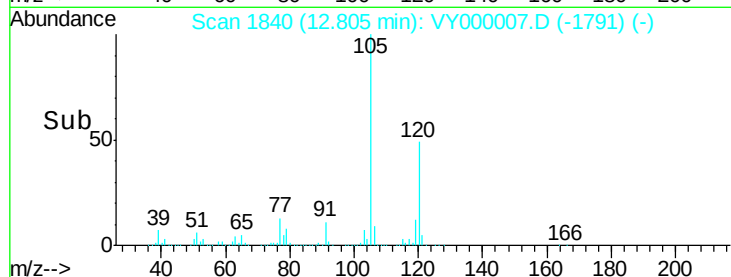
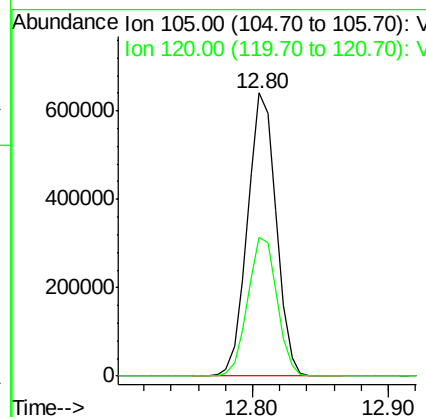
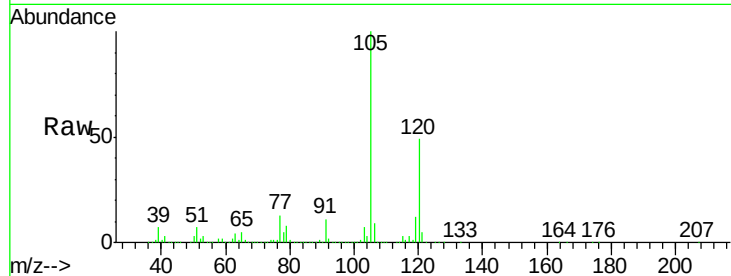
#80
 1,3,5-Trimethylbenzene
 Concen: 149.133 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
105	100	946035		
120	49.9	24.9	74.6	

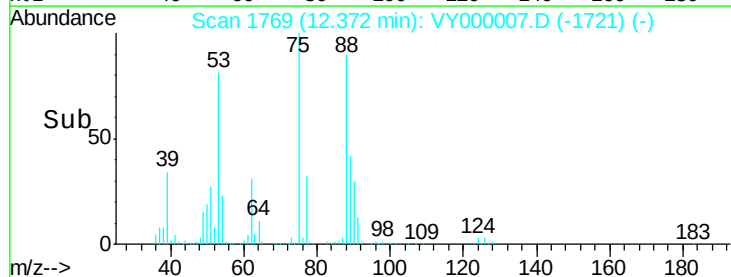
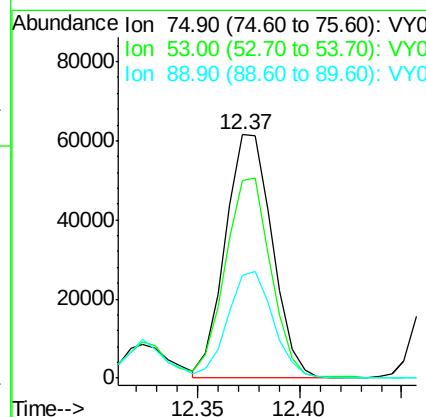
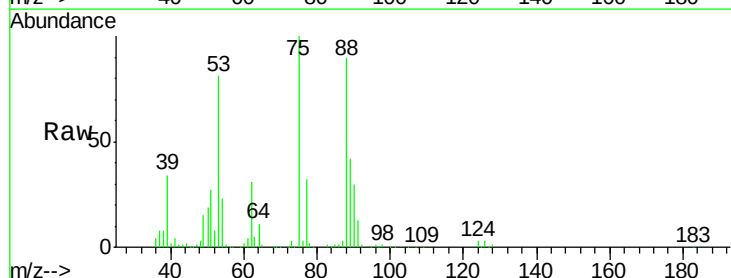
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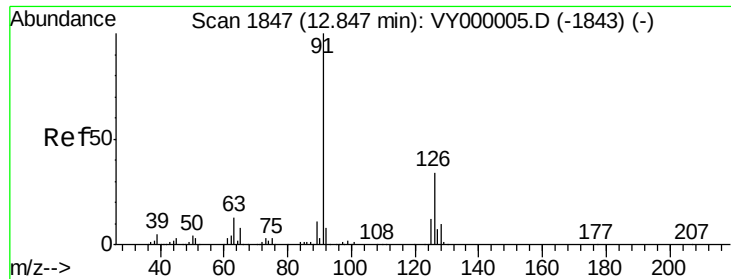
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 182.564 ug/l
 RT: 12.37 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98394		
53	79.7	63.0	94.6	
89	42.1	34.6	52.0	





#82

4-Chlorotoluene

Concen: 149.460 ug/l

RT: 12.85 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 818811

Ion Ratio Lower Upper

91 100

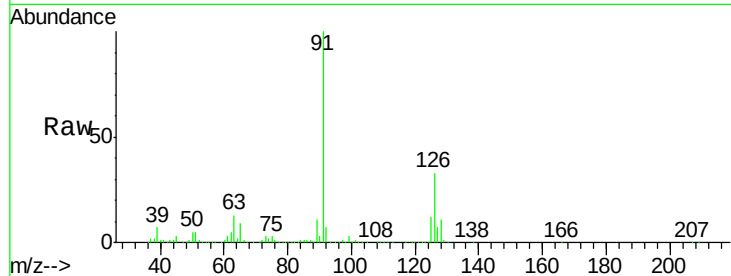
126 34.0 17.0 50.9

Manual Integrations

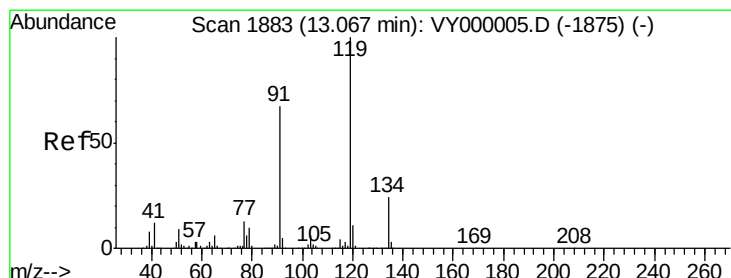
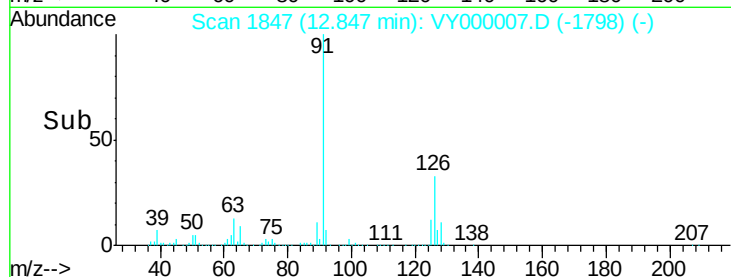
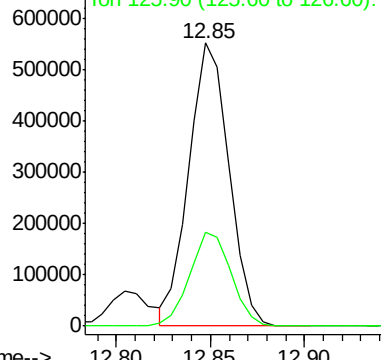
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Abundance Ion 91.00 (90.70 to 91.70): VY000005.D (-1843) (-)



#83

tert-Butylbenzene

Concen: 149.579 ug/l

RT: 13.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

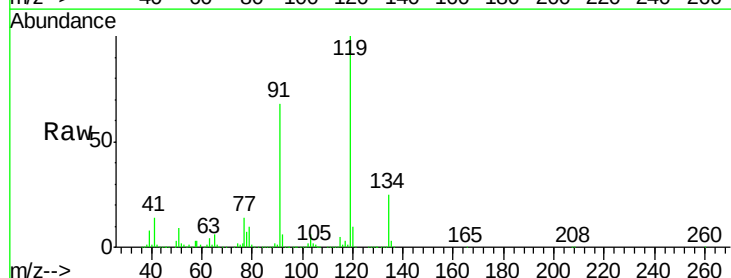
Tgt Ion: 119 Resp: 834486

Ion Ratio Lower Upper

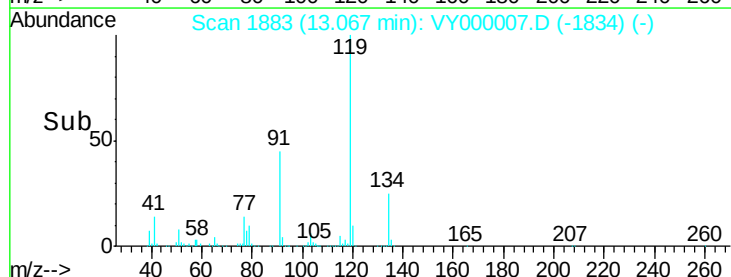
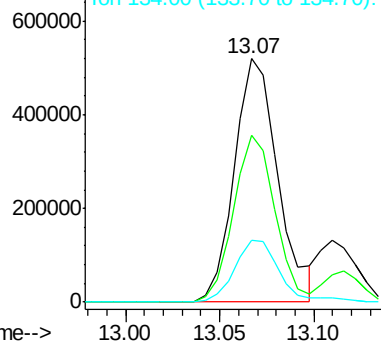
119 100

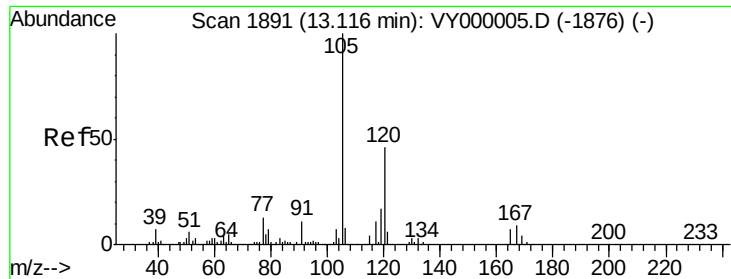
91 65.3 33.6 100.8

134 26.1 13.7 41.0



Abundance Ion 119.00 (118.70 to 119.70): VY000005.D (-1875) (-)





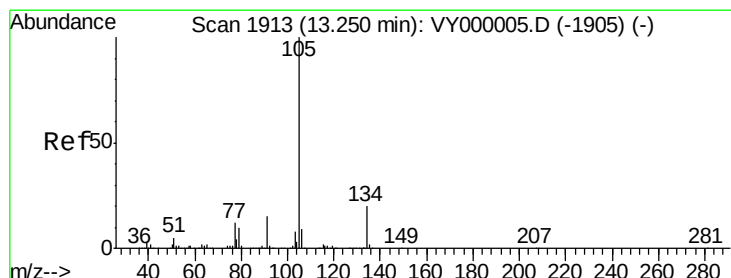
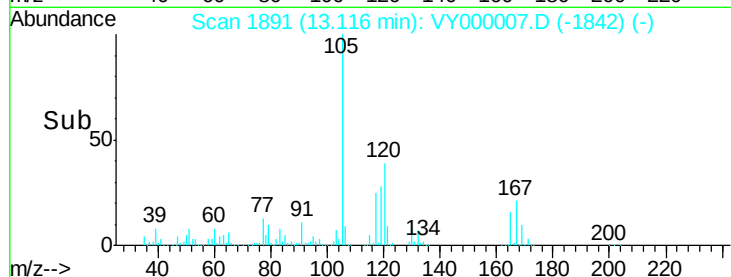
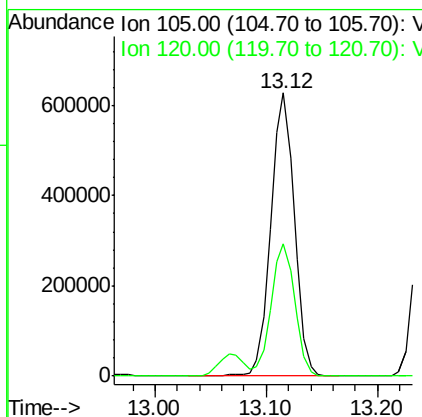
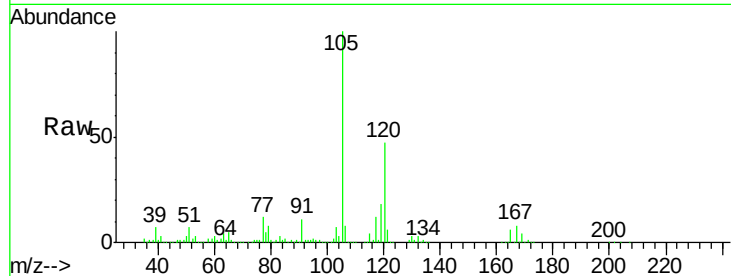
#84
 1,2,4-Trimethylbenzene
 Concen: 144.408 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 926399
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.8 68.3

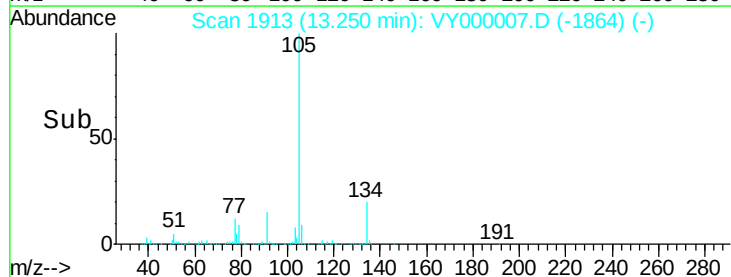
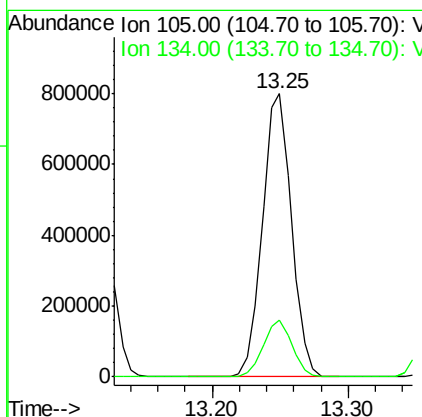
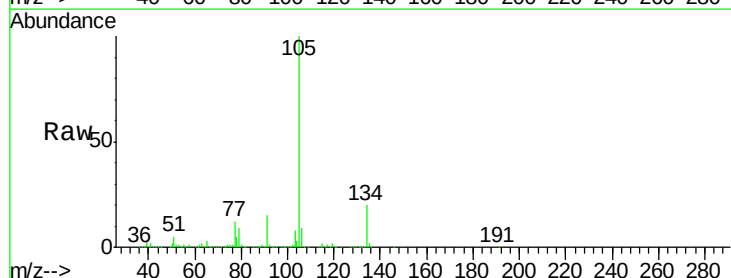
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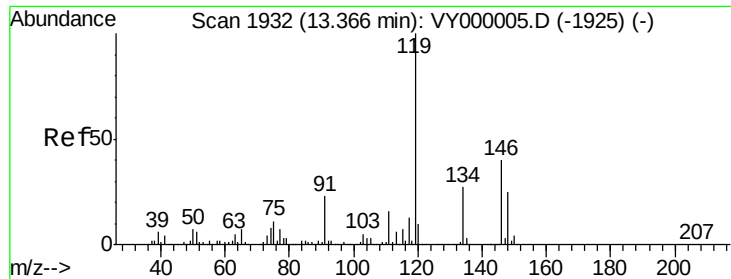
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#85
 sec-Butylbenzene
 Concen: 153.028 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion:105 Resp: 1197941
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7





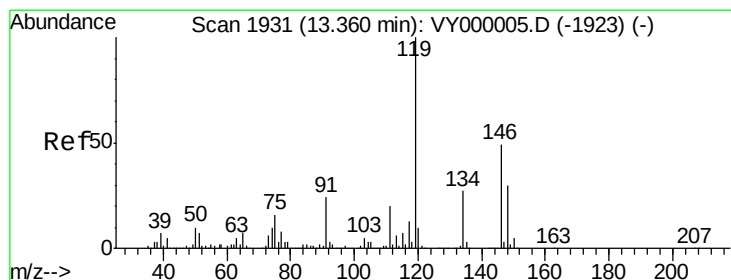
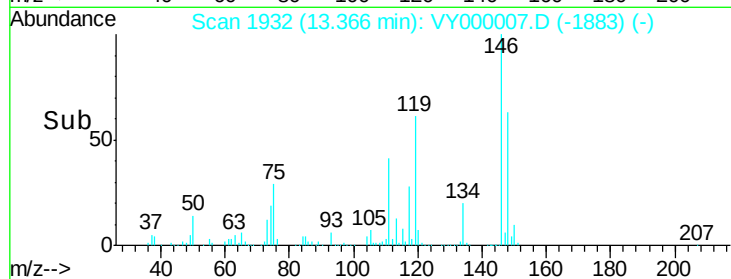
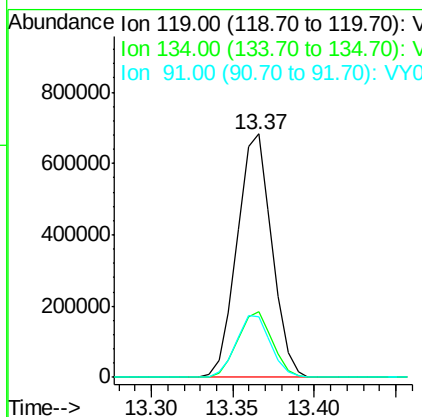
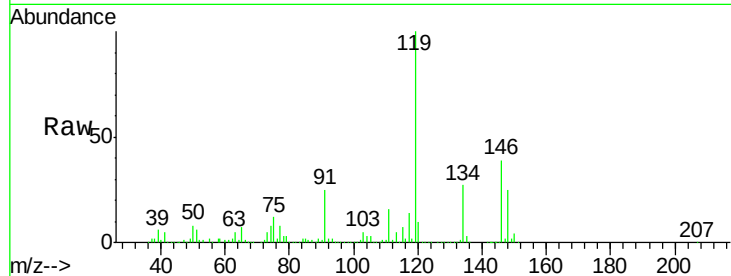
#86
p-Isopropyltoluene
Concen: 143.645 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.7	41.1
91	25.3	12.2	36.6

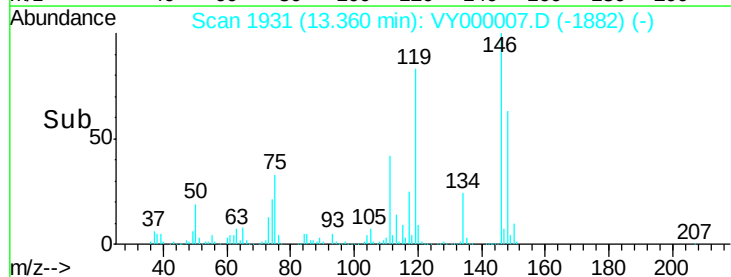
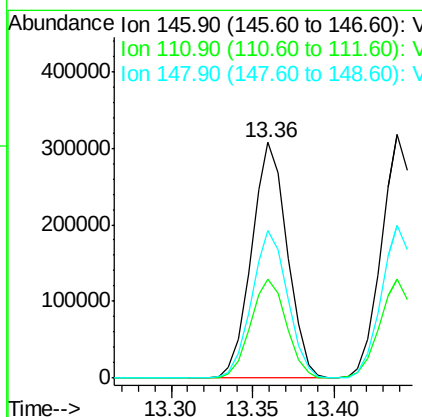
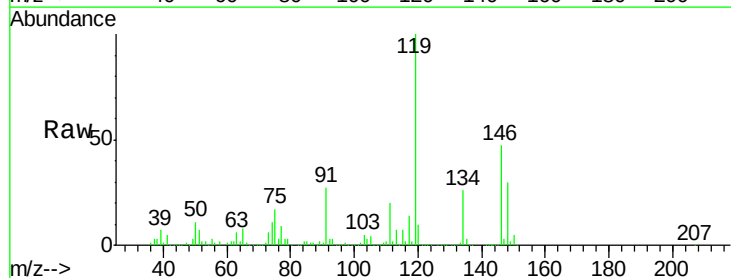
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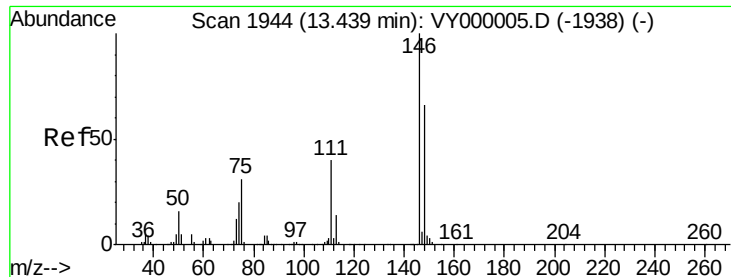
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#87
1,3-Dichlorobenzene
Concen: 138.672 ug/l
RT: 13.36 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.9
148	62.9	31.3	93.9





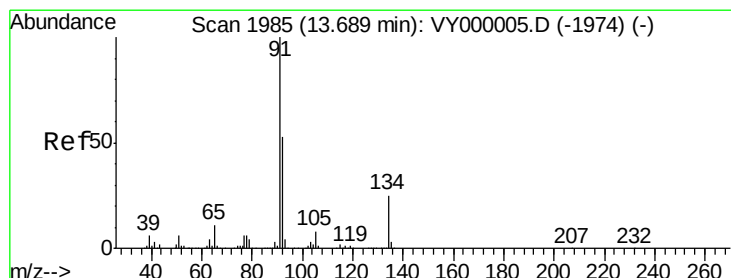
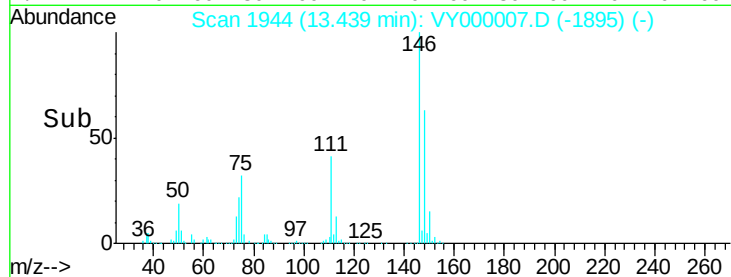
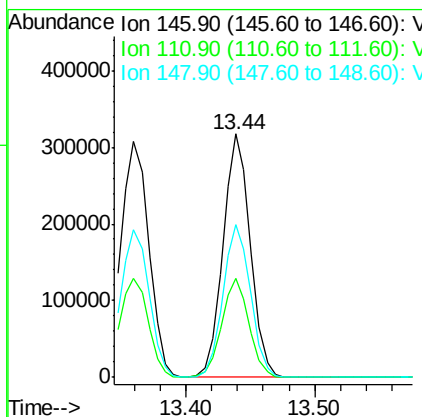
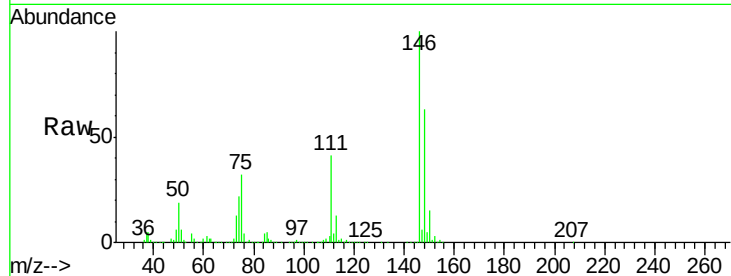
#88
 1,4-Dichlorobenzene
 Concen: 141.178 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	63.4	31.9	95.7

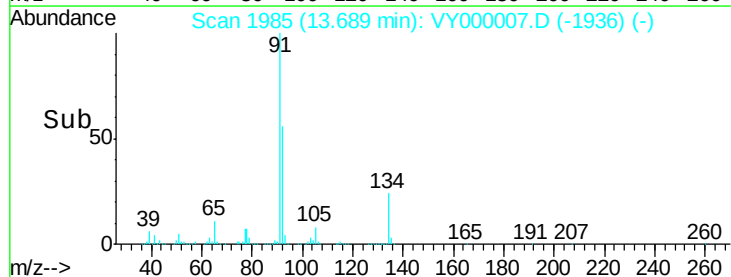
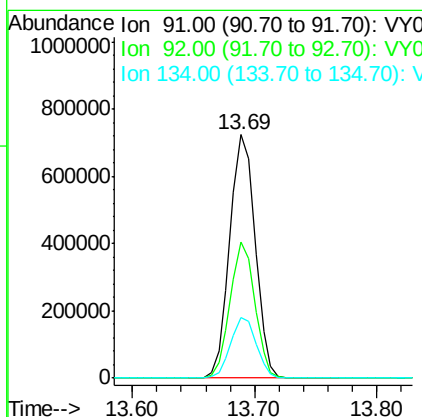
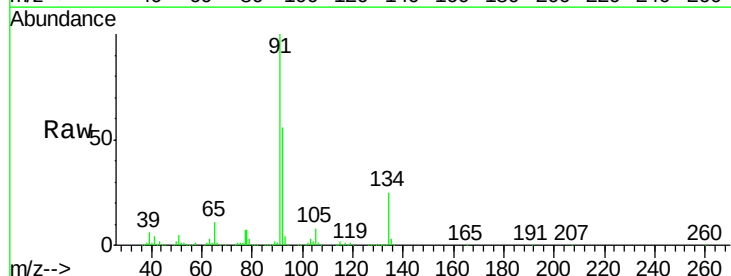
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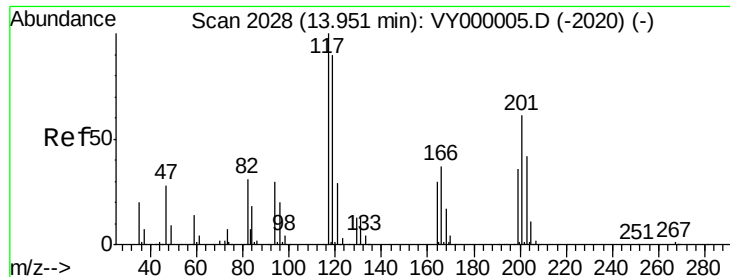
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#89
 n-Butylbenzene
 Concen: 150.554 ug/l
 RT: 13.69 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.0	80.8
134	25.1	12.7	38.0





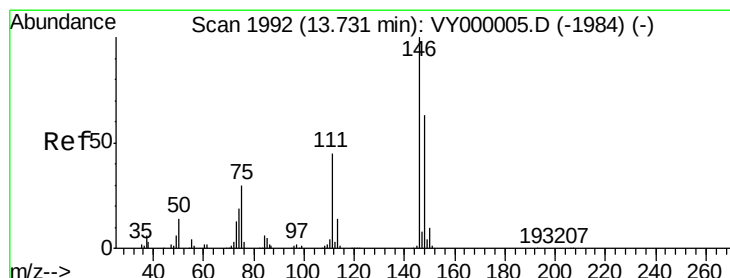
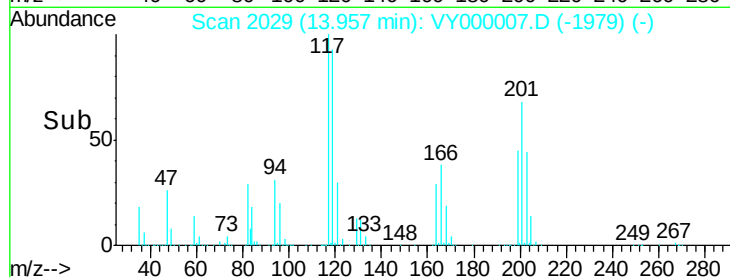
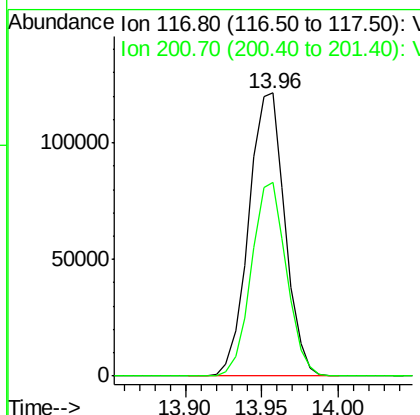
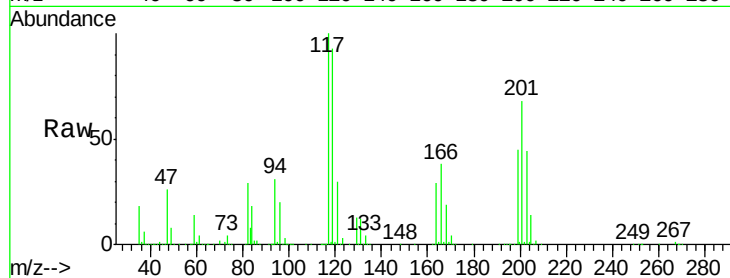
#90
Hexachloroethane
Concen: 157.940 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	199115		
201	66.5	32.3	96.8	

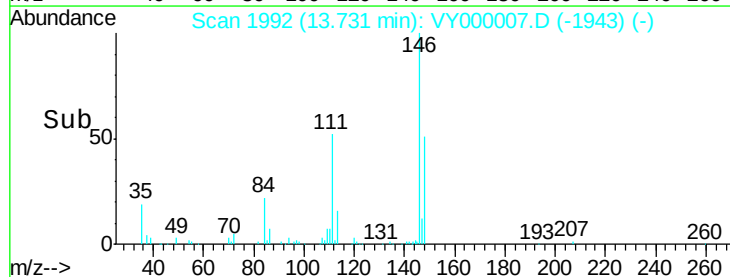
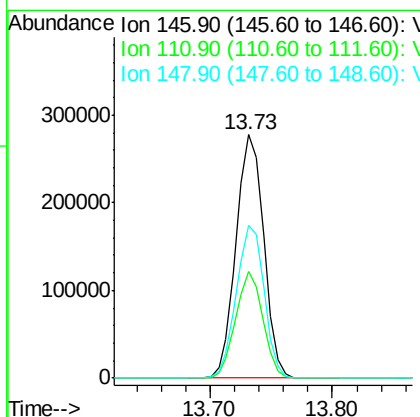
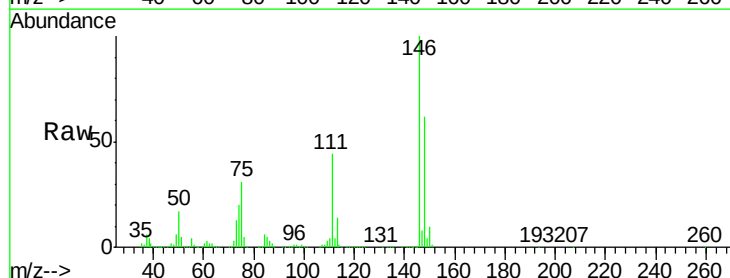
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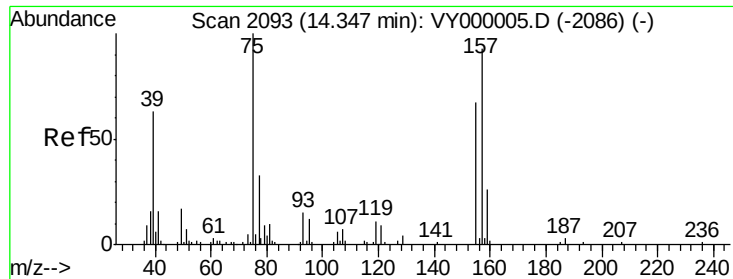
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#91
1,2-Dichlorobenzene
Concen: 143.423 ug/l
RT: 13.73 min Scan# 1992
Delta R.T. 0.00 min
Lab File: VY000007.D
Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	434588		
111	42.9	21.9	65.5	
148	63.1	31.9	95.5	





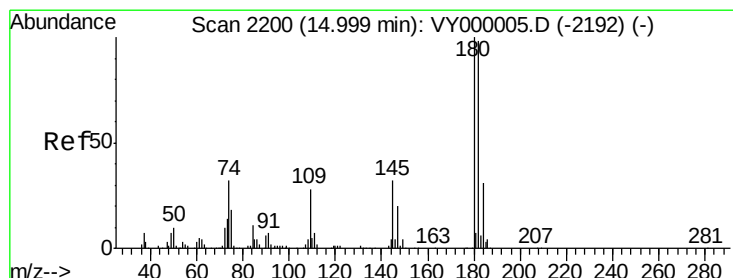
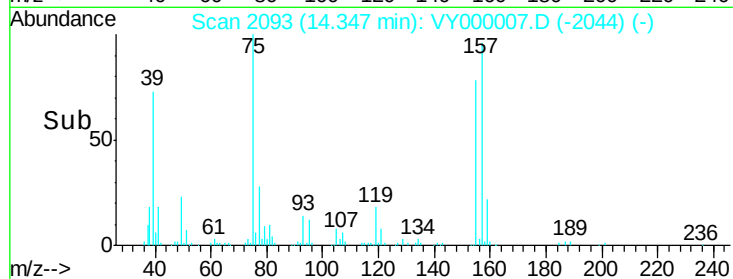
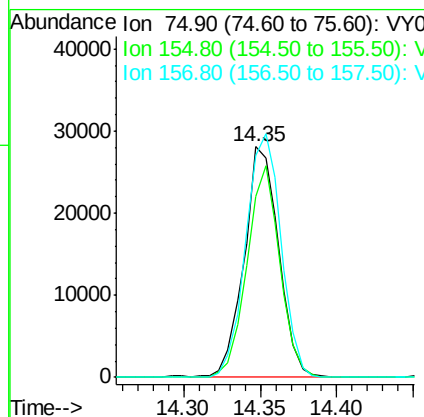
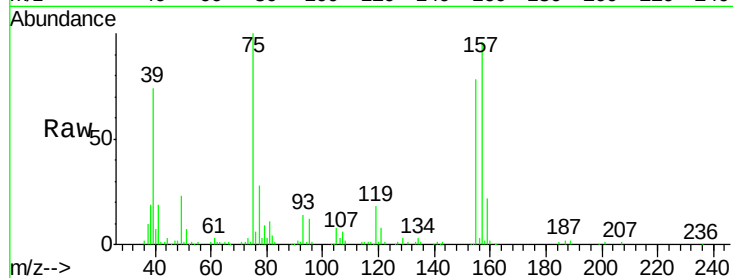
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.074 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.7	41.4	124.2
157	107.4	52.8	158.4

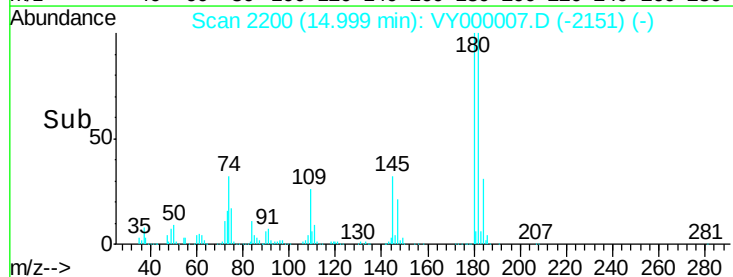
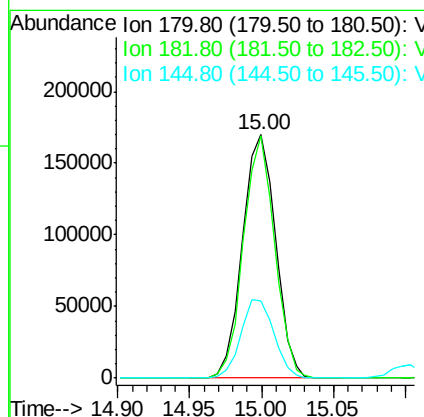
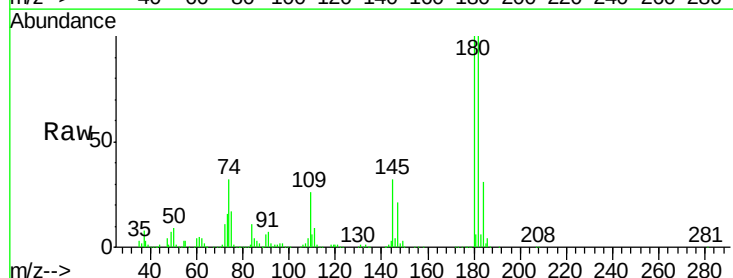
Manual Integrations
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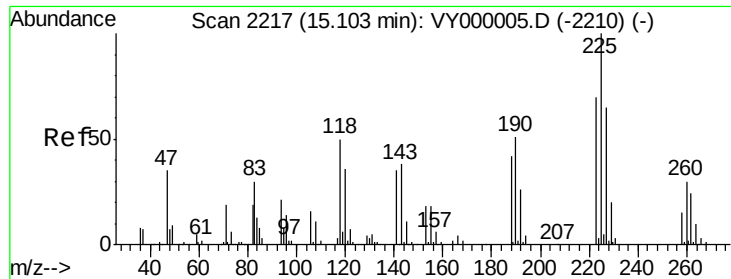
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#93
 1,2,4-Trichlorobenzene
 Concen: 132.245 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.4	145.2
145	32.5	17.2	51.6





#94

Hexachlorobutadiene

Concen: 94.739 ug/l

RT: 15.10 min Scan# 2217

Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Instrument :

MSVOA_Y

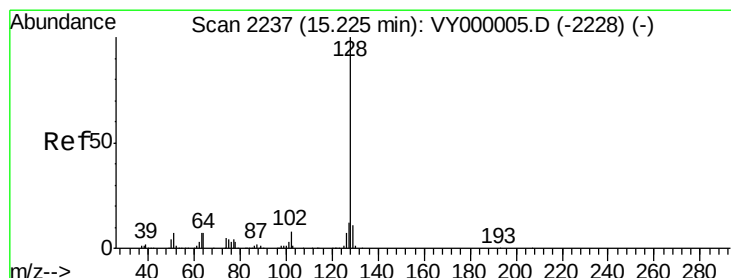
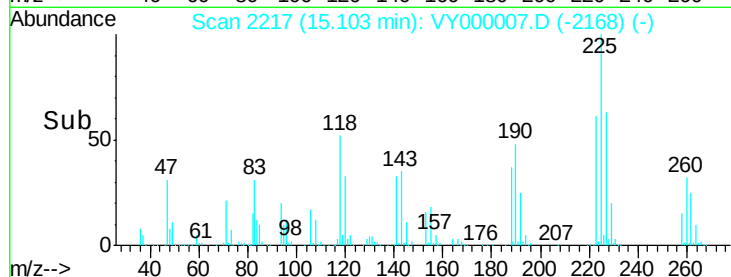
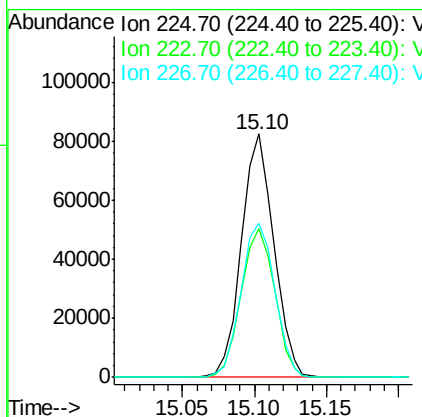
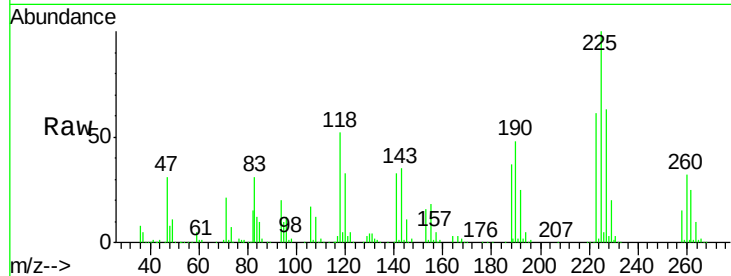
ClientSampleId :

VSTDIC150

Tot Ion:	225	Resp:	128533
Ion Ratio		Lower	Upper
225	100		
223	63.4	32.3	96.8
227	66.1	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 176.232 ug/l

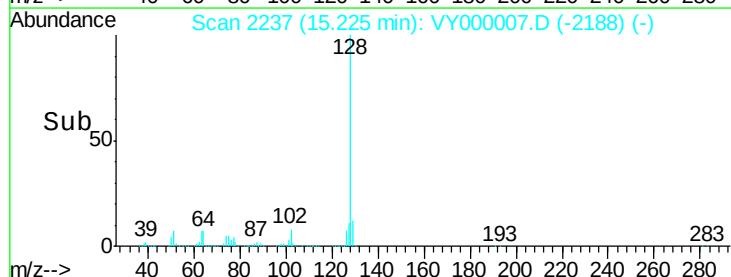
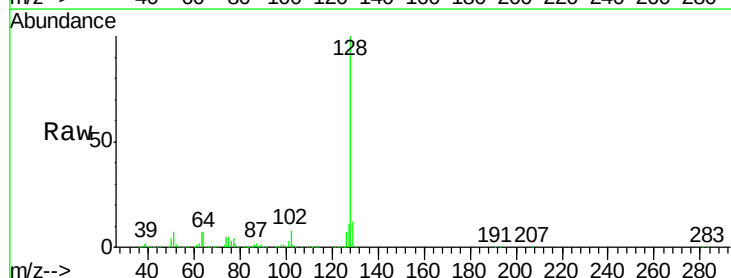
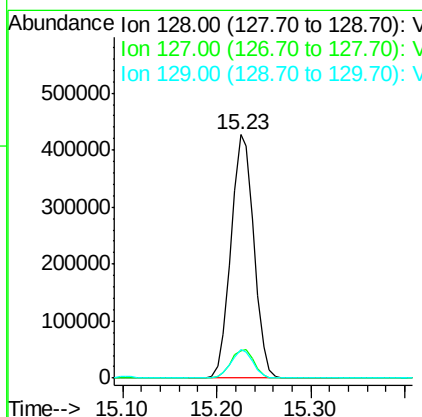
RT: 15.23 min Scan# 2237

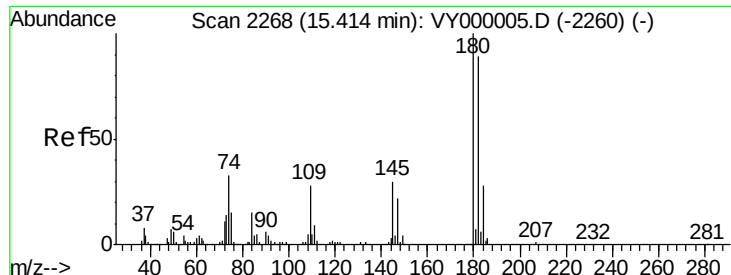
Delta R.T. 0.00 min

Lab File: VY000007.D

Acq: 11 Sep 2019 18:27

Tgt Ion:	128	Resp:	718566
Ion Ratio		Lower	Upper
128	100		
127	12.0	9.8	14.8
129	11.1	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 134.922 ug/l
 RT: 15.41 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VY000007.D
 Acq: 11 Sep 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245440		
182	94.1	46.1	138.2	
145	33.5	16.2	48.6	

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:34 PM

