

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000813.D
 Acq On : 27 Nov 2019 12:21
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:18 AM

Quant Time: Nov 27 12:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	604701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	525213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	499094	140.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.58%	
35) Dibromofluoromethane	7.73	113	484710	138.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.02%	
50) Toluene-d8	10.18	98	2048443	153.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.12%	
62) 4-Bromofluorobenzene	12.48	95	685424	134.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	504310	145.938	ug/l	97
3) Chloromethane	2.12	50	613772	130.482	ug/l	100
4) Vinyl Chloride	2.25	62	596787	135.314	ug/l	99
5) Bromomethane	2.63	94	316623	118.487	ug/l	98
6) Chloroethane	2.79	64	365856	131.814	ug/l	99
7) Trichlorofluoromethane	3.12	101	859036	143.313	ug/l	96
8) Diethyl Ether	3.54	74	324456	150.444	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	548350	150.322	ug/l	99
10) Methyl Iodide	4.10	142	772689	178.870	ug/l	98
11) Tert butyl alcohol	4.97	59	237085	650.787	ug/l	99
12) 1,1-Dichloroethene	3.88	96	551113	156.796	ug/l	92
13) Acrolein	3.74	56	236776	751.598	ug/l	99
14) Allyl chloride	4.49	41	919446	157.206	ug/l	97
15) Acrylonitrile	5.18	53	812476	729.114	ug/l	98
16) Acetone	3.96	43	538098	562.870	ug/l	100
17) Carbon Disulfide	4.19	76	1812153	161.087	ug/l	100
18) Methyl Acetate	4.49	43	460067	143.377	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	1414962	142.992	ug/l	98
20) Methylene Chloride	4.72	84	597817	137.496	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	615943	153.559	ug/l	99
22) Diisopropyl ether	6.13	45	1777923	141.043	ug/l	98
23) Vinyl Acetate	6.07	43	5417633	680.702	ug/l	97
24) 1,1-Dichloroethane	6.03	63	1037192	151.415	ug/l	99
25) 2-Butanone	7.00	43	1006165	626.002	ug/l	96
26) 2,2-Dichloropropane	6.99	77	862016	139.884	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	667974	152.110	ug/l	98
28) Bromochloromethane	7.35	49	405266	153.742	ug/l	100
29) Tetrahydrofuran	7.35	42	657991	658.776	ug/l	98
30) Chloroform	7.52	83	993359	144.819	ug/l	98
31) Cyclohexane	7.79	56	1039082	145.028	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	863092	142.693	ug/l	99
36) 1,1-Dichloropropene	7.93	75	832490	143.531	ug/l	100
37) Ethyl Acetate	7.08	43	436904	125.749	ug/l	99
38) Carbon Tetrachloride	7.91	117	754261	137.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1121827	149.723	ug/l	99
40) Benzene	8.17	78	2453314	144.160	ug/l	99
41) Methacrylonitrile	7.33	41	235962m	123.275	ug/l	
42) 1,2-Dichloroethane	8.25	62	616519	129.385	ug/l	100
43) Isopropyl Acetate	8.28	43	847308	129.943	ug/l	98
44) Trichloroethene	8.94	130	627664	140.388	ug/l	97
45) 1,2-Dichloropropane	9.22	63	609422	144.513	ug/l	99
46) Dibromomethane	9.31	93	320351	139.219	ug/l	99
47) Bromodichloromethane	9.50	83	768860	141.685	ug/l	100
48) Methyl methacrylate	9.30	41	379361	131.992	ug/l	94
49) 1,4-Dioxane	9.30	88	89147	2827.762	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	2150927	624.329	ug/l	99
52) Toluene	10.25	92	1514058	141.027	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	832495	143.175	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	975200	145.836	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	465342	139.532	ug/l	97
56) Ethyl methacrylate	10.51	69	697641	146.748	ug/l	97
57) 1,3-Dichloropropane	10.79	76	811648	139.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1287270	624.316	ug/l	100
59) 2-Hexanone	10.83	43	1572232	623.278	ug/l	98
60) Dibromochloromethane	10.99	129	520190	137.589	ug/l	99
61) 1,2-Dibromoethane	11.09	107	443108	138.547	ug/l	99
64) Tetrachloroethene	10.72	164	602356	137.142	ug/l	97
65) Chlorobenzene	11.52	112	1527849	141.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	521661	140.711	ug/l	99
67) Ethyl Benzene	11.59	91	2862581	144.730	ug/l	99
68) m/p-Xylenes	11.70	106	2133182	280.627	ug/l	100
69) o-Xylene	12.03	106	1005468	140.058	ug/l	99
70) Styrene	12.04	104	1736105	141.531	ug/l	99
71) Bromoform	12.20	173	302610	141.754	ug/l #	100
73) Isopropylbenzene	12.33	105	2711758	155.321	ug/l	99
74) N-amyl acetate	12.14	43	716388	143.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	524587	149.983	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	366303m	140.670	ug/l	
77) Bromobenzene	12.61	156	581568	147.321	ug/l	99
78) n-propylbenzene	12.67	91	3285110	155.712	ug/l	100
79) 2-Chlorotoluene	12.75	91	1799867	153.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2204472	152.072	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	205259	166.771	ug/l	97
82) 4-Chlorotoluene	12.85	91	1856628	153.628	ug/l	99
83) tert-Butylbenzene	13.07	119	1880525	152.098	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2166662	150.313	ug/l	99
85) sec-Butylbenzene	13.25	105	2679122	152.289	ug/l	100
86) p-Isopropyltoluene	13.37	119	2302070	147.032	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1082836	140.994	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	1094868	142.534	ug/l	100
89) n-Butylbenzene	13.69	91	2353278	151.846	ug/l	99
90) Hexachloroethane	13.96	117	451550	155.448	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	995053	142.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	84969	138.609	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	666453	139.730	ug/l	99
94) Hexachlorobutadiene	15.11	225	318487	131.917	ug/l	98
95) Naphthalene	15.23	128	1575389	147.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	591525	139.310	ug/l	100

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

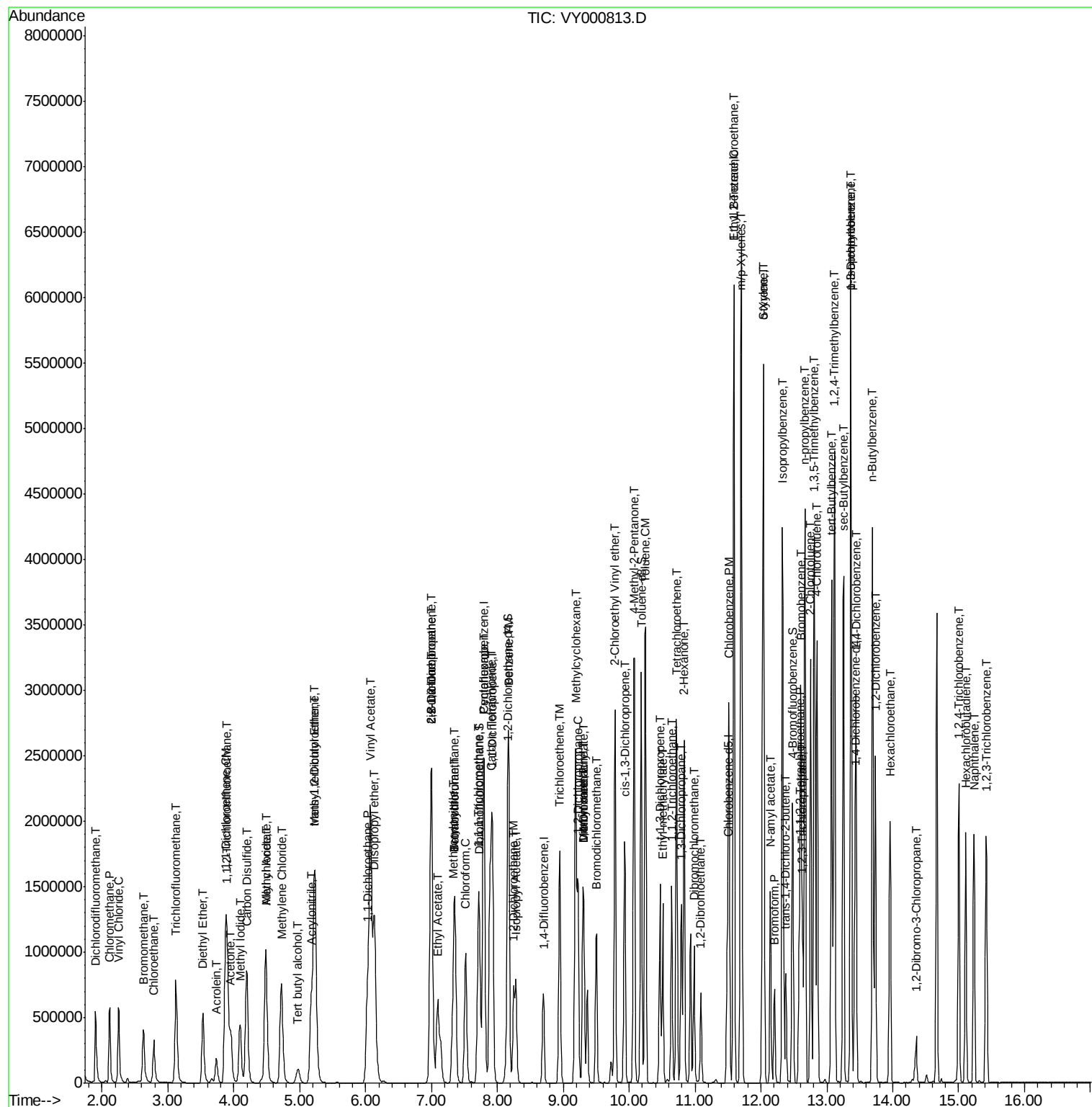
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
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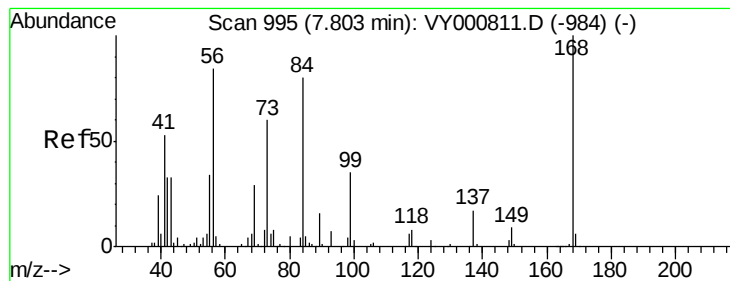
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 347891

Ion Ratio Lower Upper

168 100

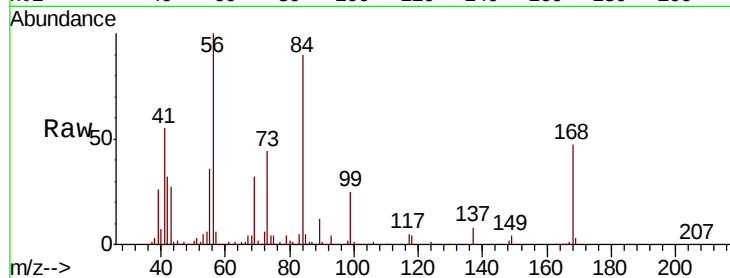
99 53.6 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

250000

200000

150000

100000

50000

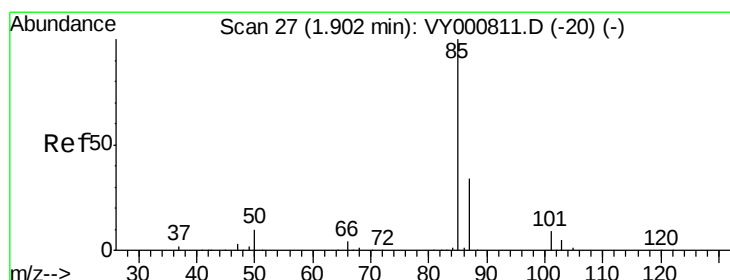
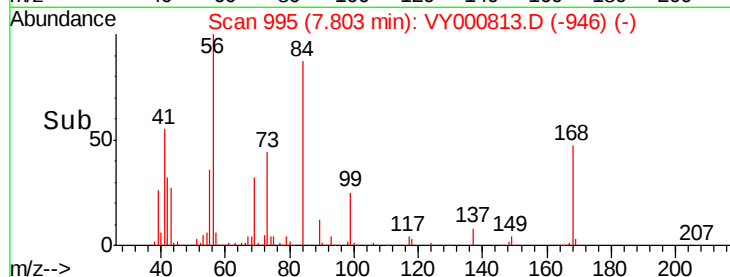
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 145.938 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000813.D

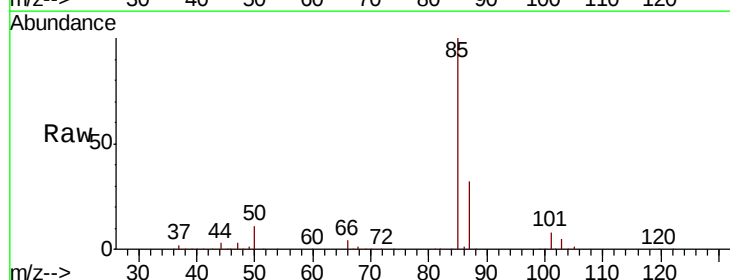
Acq: 27 Nov 2019 12:21

Tgt Ion: 85 Resp: 504310

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

300000

200000

100000

0

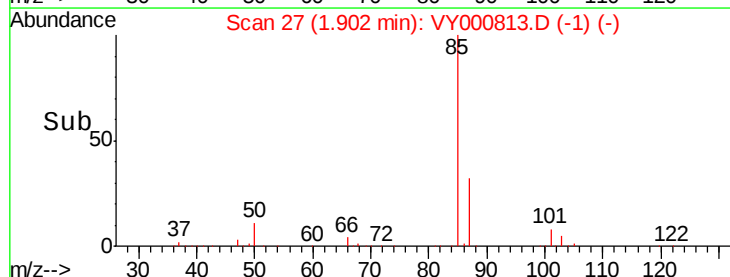
1.80

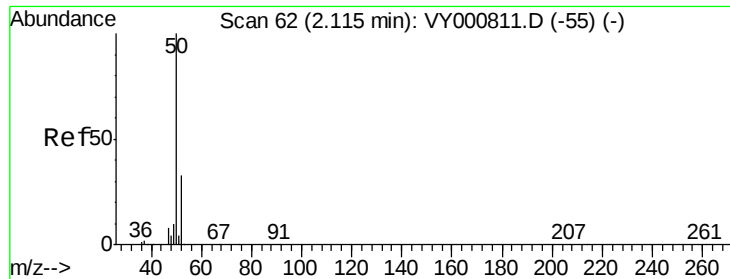
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 130.482 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 613772

Ion Ratio Lower Upper

50 100

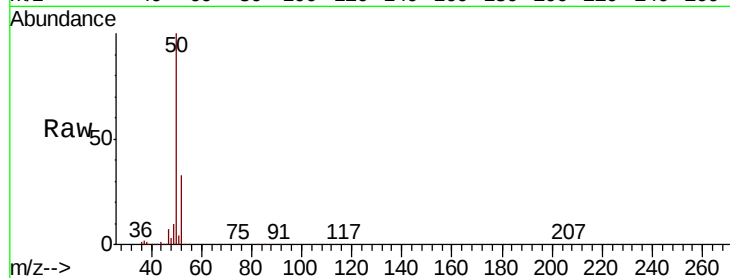
52 32.7 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

400000

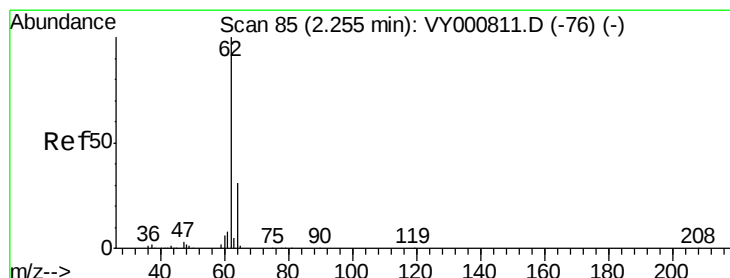
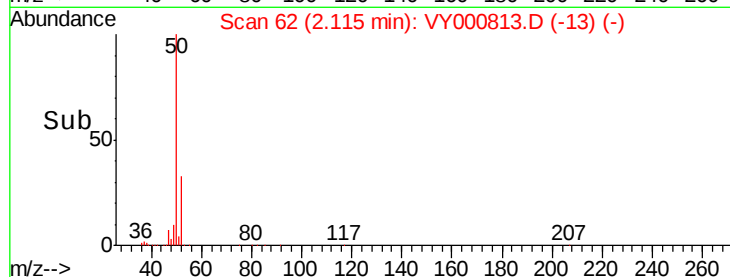
300000

200000

100000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 135.314 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000813.D

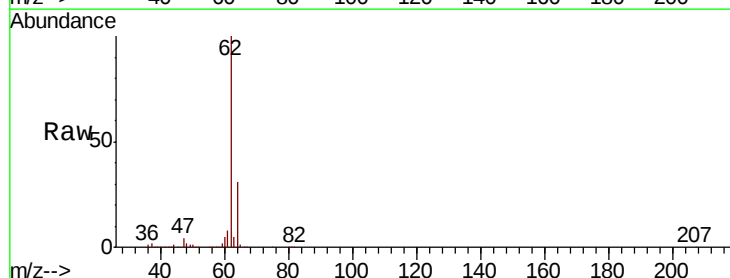
Acq: 27 Nov 2019 12:21

Tgt Ion: 62 Resp: 596787

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

400000

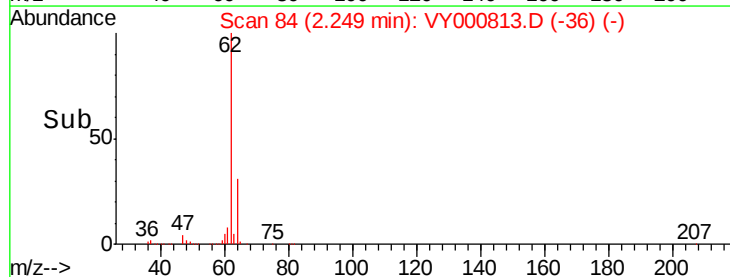
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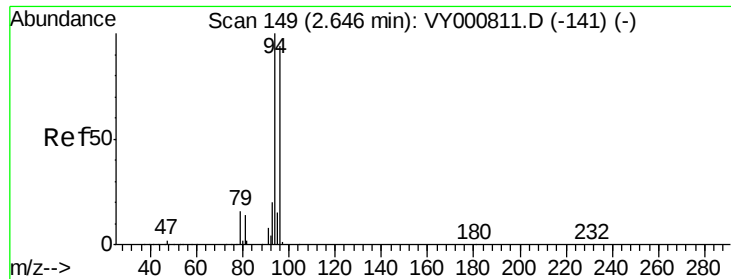
200000

100000

0

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 118.487 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 316623

Ion Ratio Lower Upper

94 100

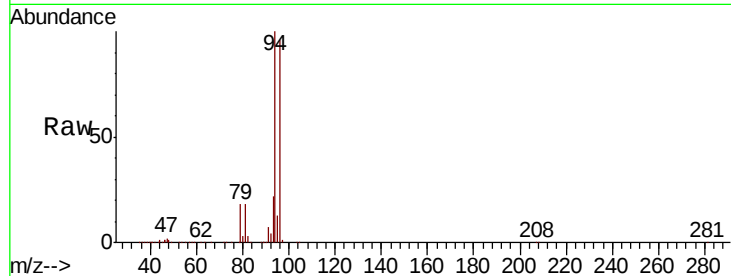
96 96.4 75.2 112.8

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

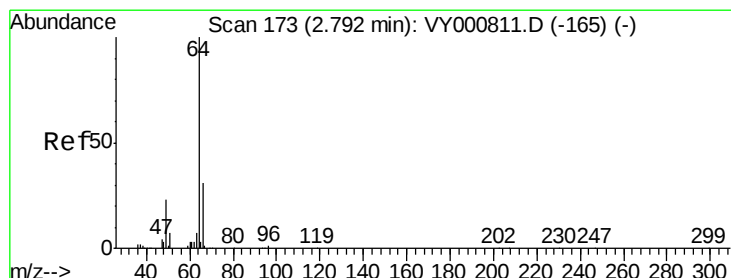
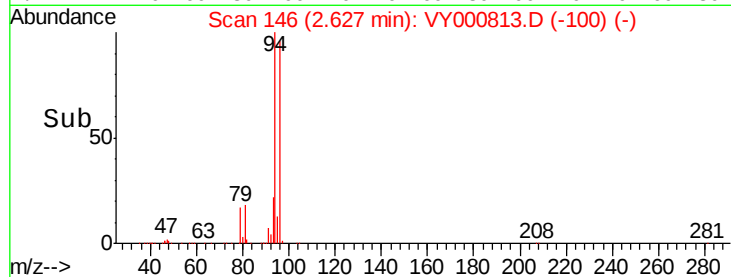
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 131.814 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000813.D

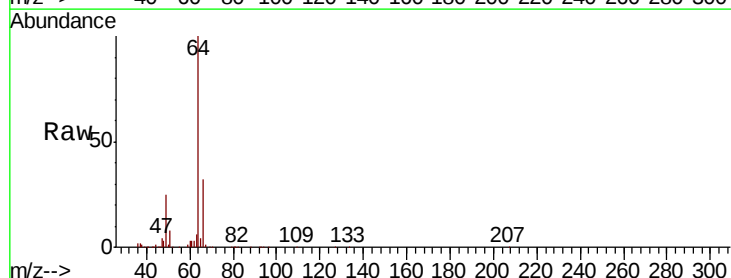
Acq: 27 Nov 2019 12:21

Tgt Ion: 64 Resp: 365856

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

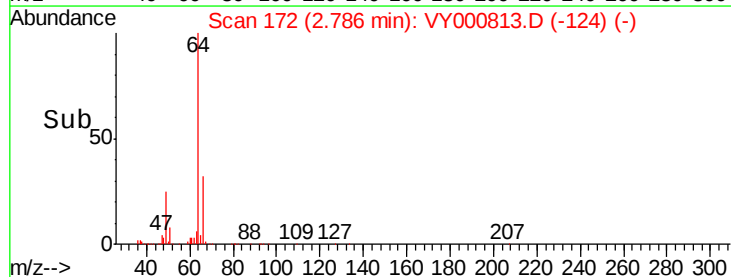
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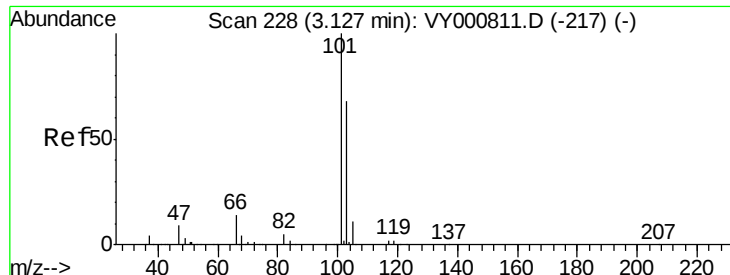
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50000

0

Time-->





#7

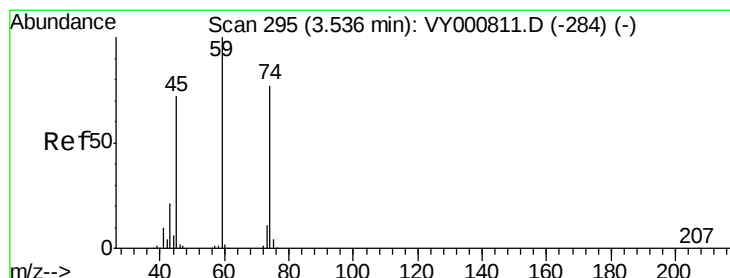
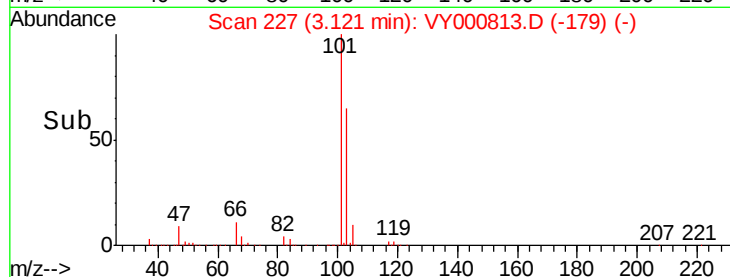
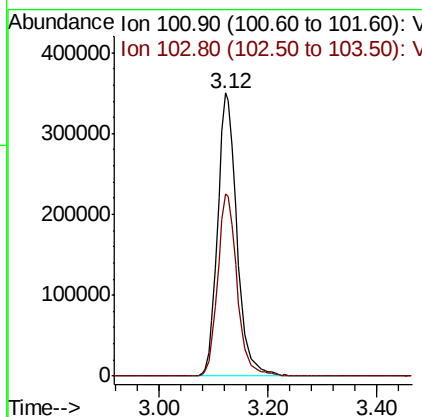
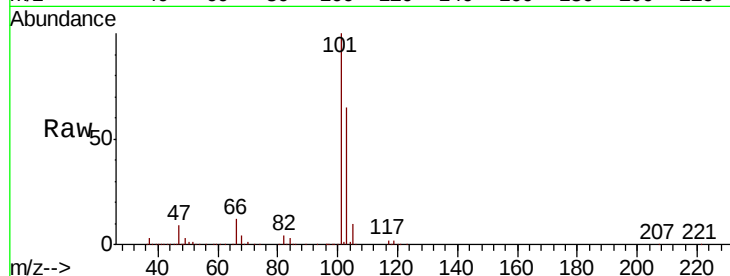
Trichlorofluoromethane
 Concen: 143.313 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000813.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	54.2	81.2

Manual Integrations
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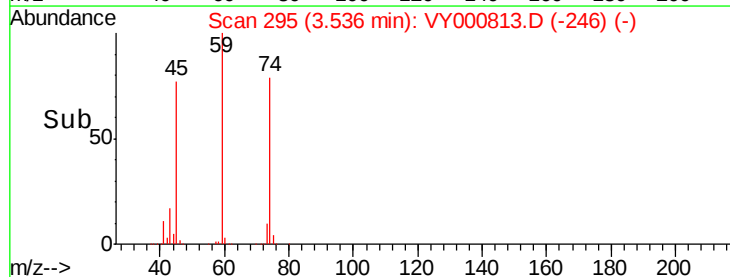
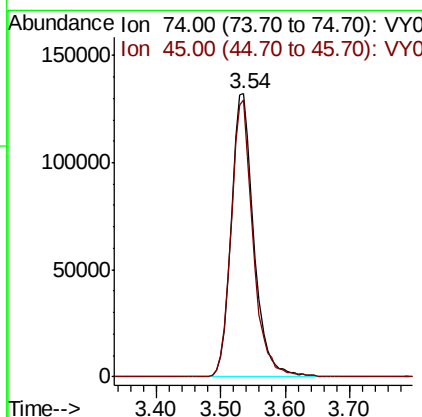
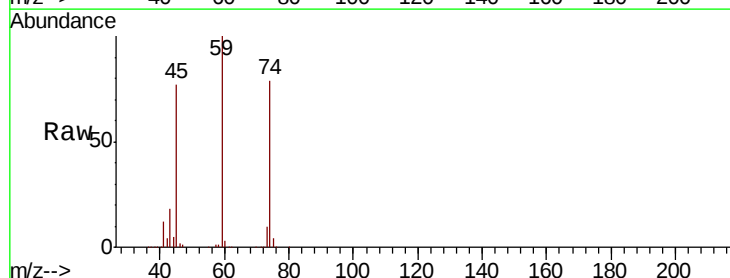
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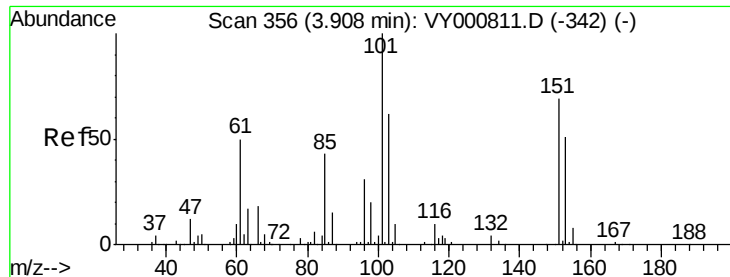


#8

Diethyl Ether
 Concen: 150.444 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.322 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000813.D

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MSVOA_Y

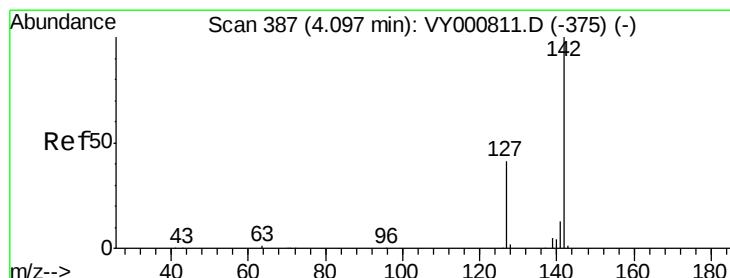
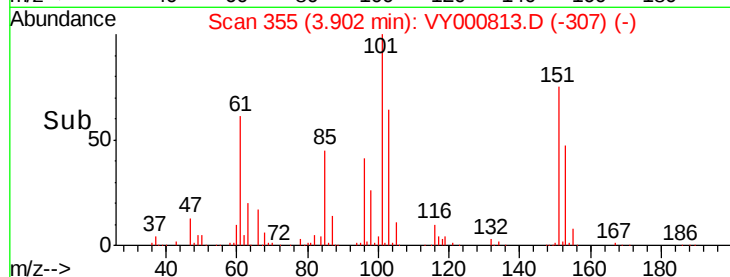
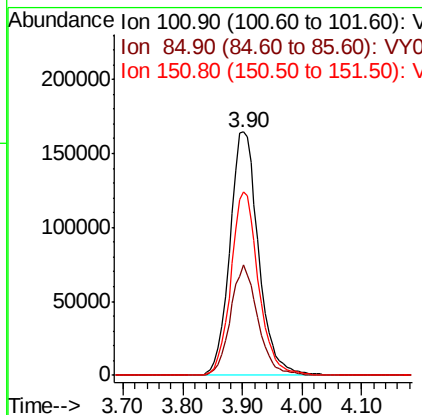
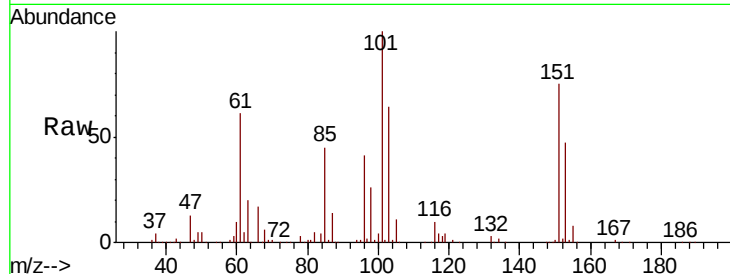
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	548350
Ion Ratio	Lower	Upper	
101	100		
85	43.4	36.0	54.0
151	72.9	58.2	87.2

Manual Integrations
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#10

Methyl Iodide

Concen: 178.870 ug/l

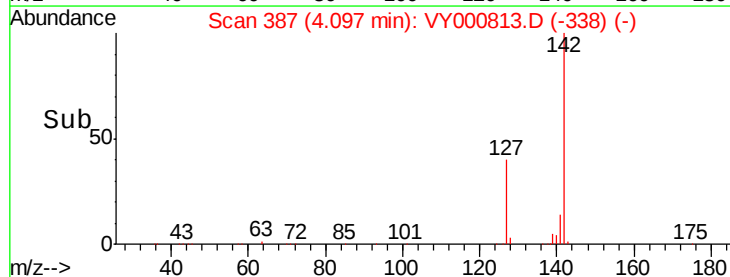
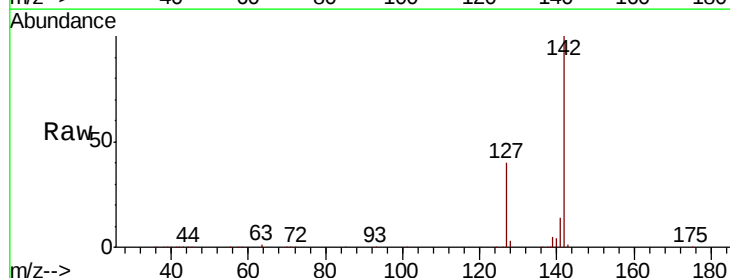
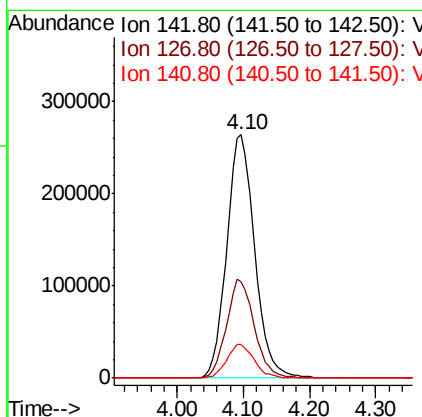
RT: 4.10 min Scan# 387

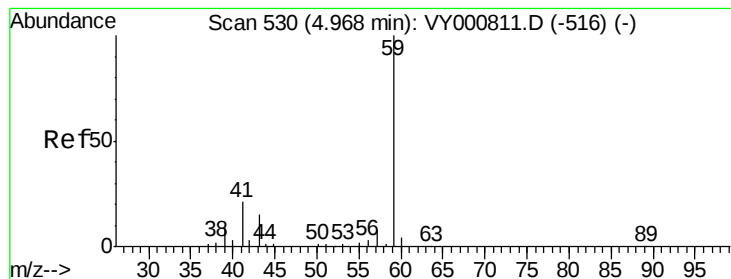
Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion:	142	Resp:	772689
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.8	50.8
141	13.7	10.9	16.3





#11

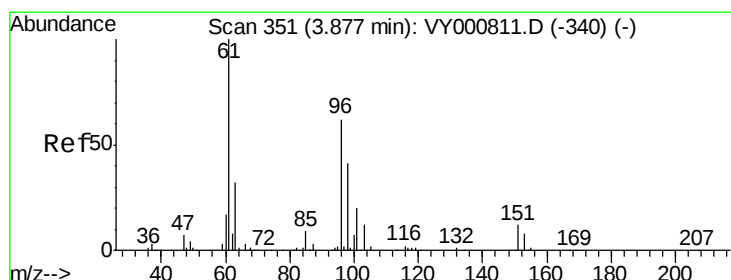
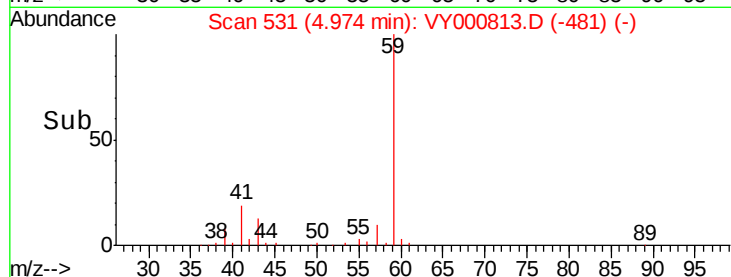
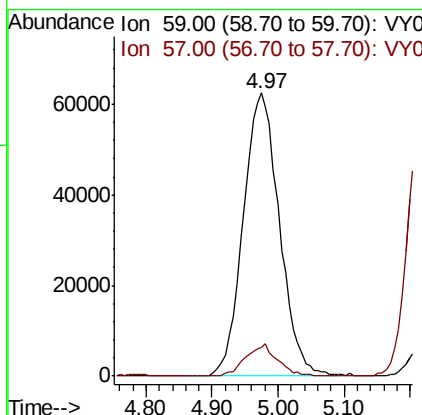
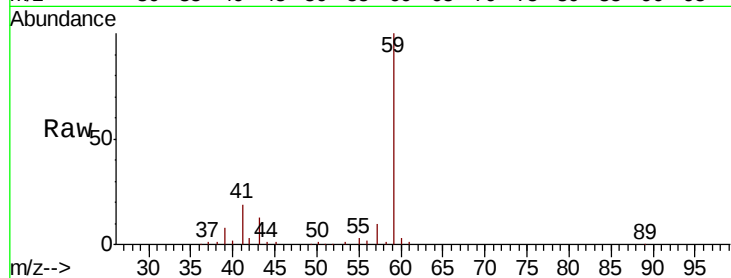
Tert butyl alcohol
Concen: 650.787 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	59.00	Resp	237085
Ion Ratio	100	Lower	Upper
59	100	7.8	11.6
57	10.1		

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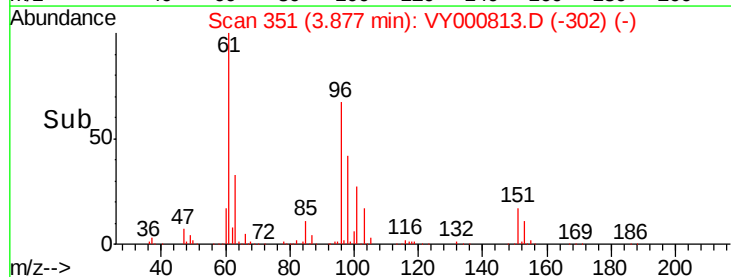
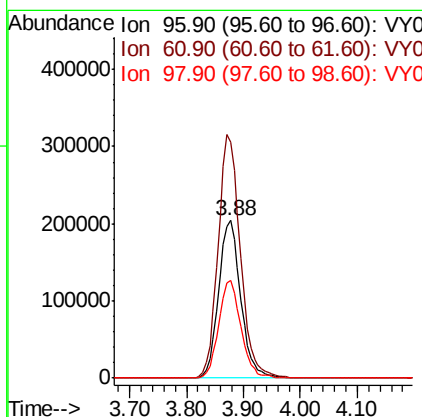
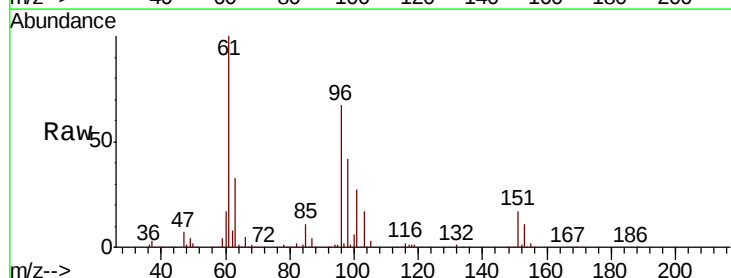
MMDadoda
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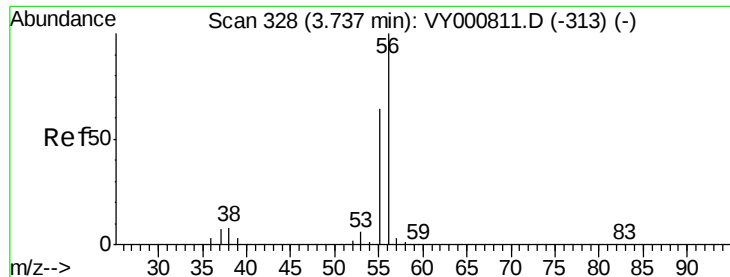


#12

1,1-Dichloroethene
Concen: 156.796 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	96	Resp	551113
Ion Ratio	100	Lower	Upper
96	100	129.4	194.2
61	149.7	53.4	80.0
98	62.3		





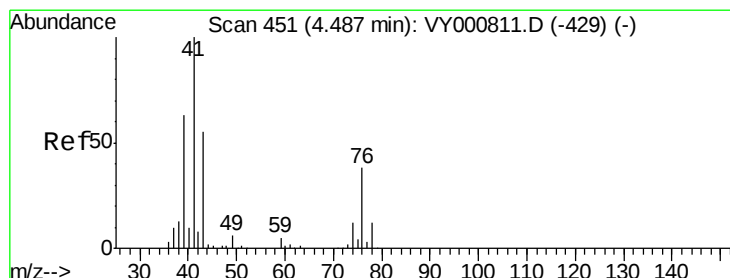
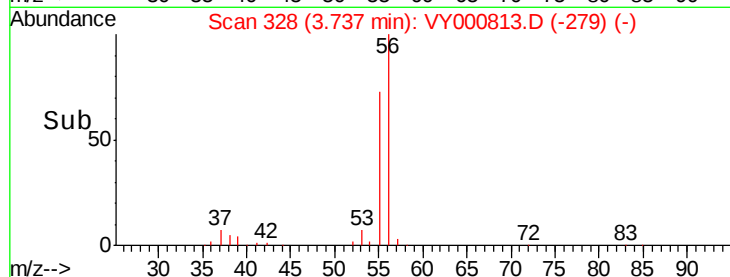
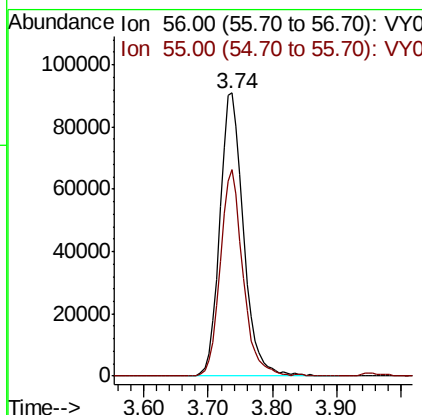
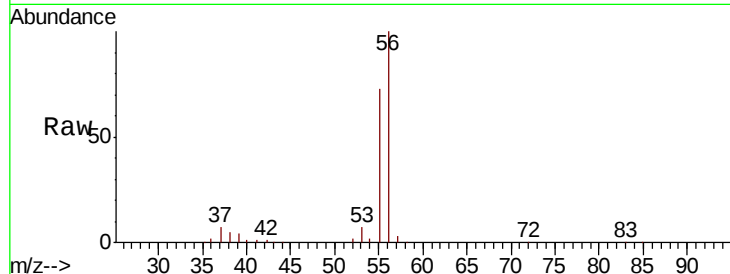
#13
Acrolein
Concen: 751.598 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	68.6	55.7	83.5	

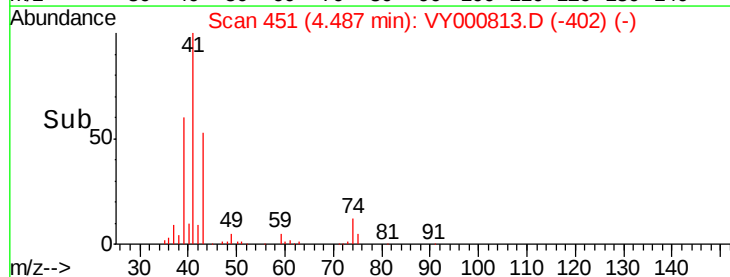
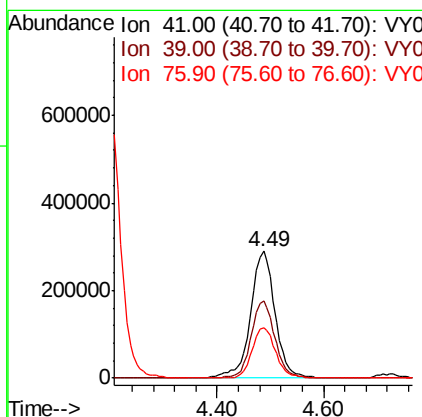
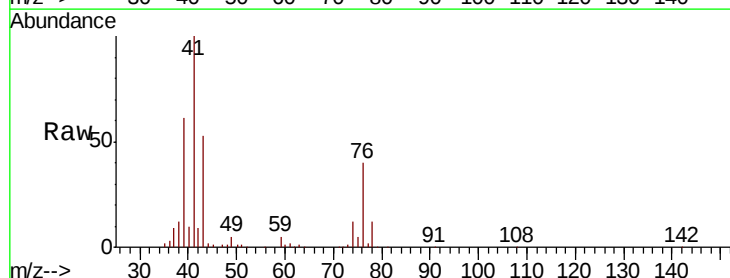
Manual Integrations
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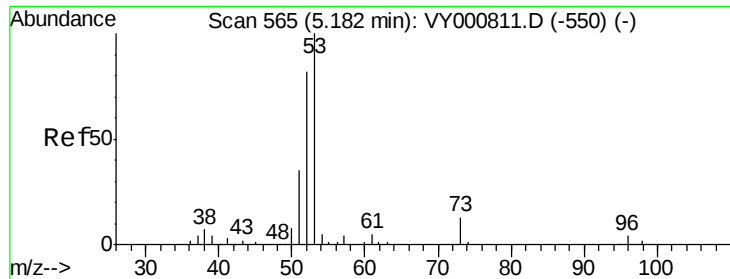
MMDadoda
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#14
Allyl chloride
Concen: 157.206 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.9	49.2	73.8	
76	38.1	29.2	43.8	





#15

Acrylonitrile

Concen: 729.114 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

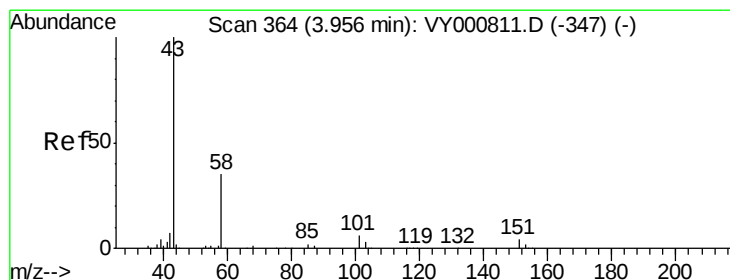
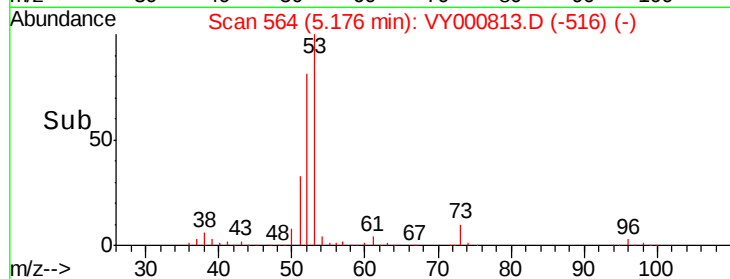
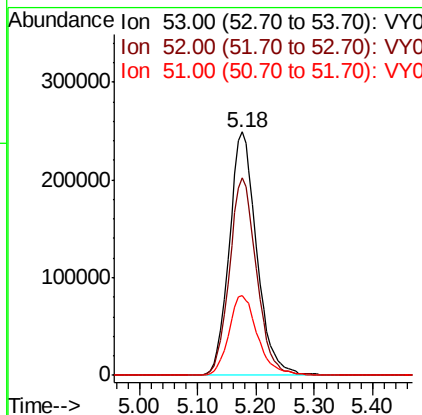
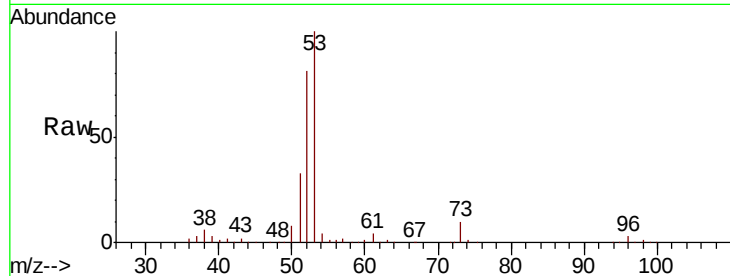
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	812476
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.1	97.7
51	34.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 562.870 ug/l

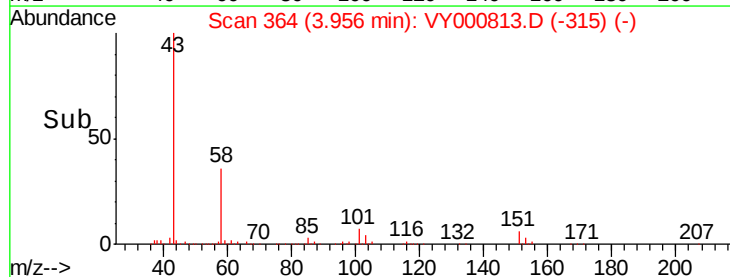
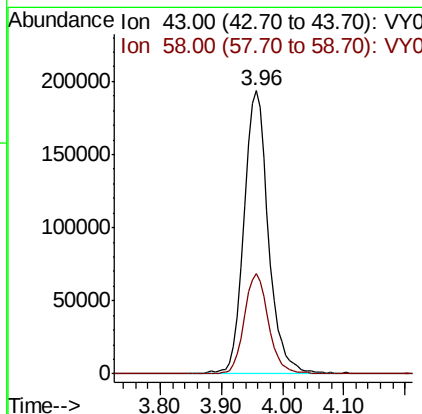
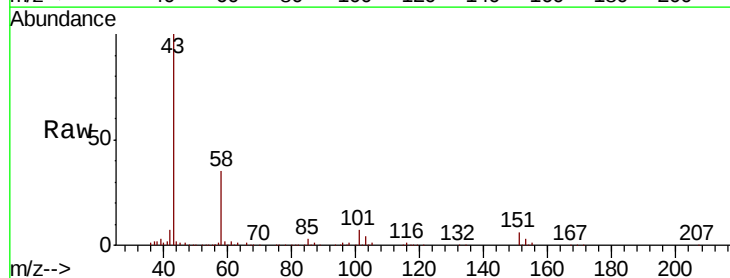
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion:	43	Resp:	538098
Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.0	42.0





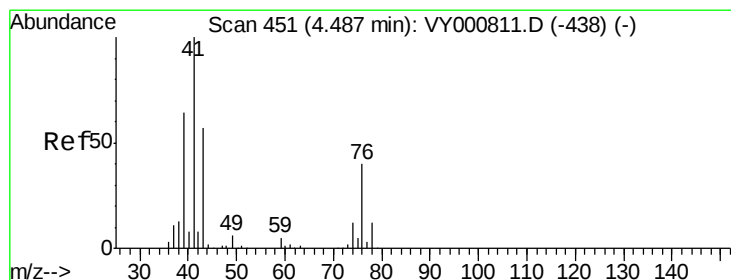
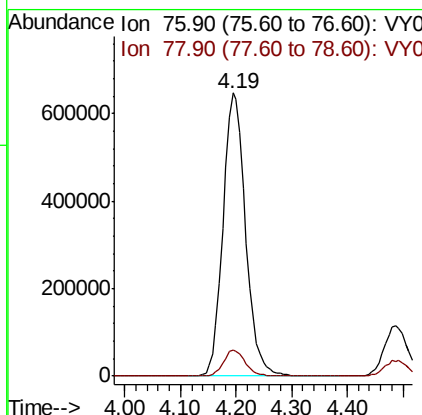
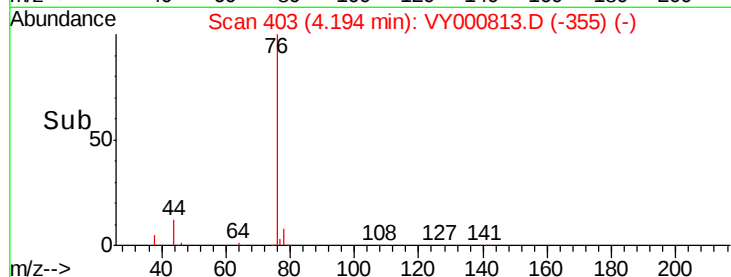
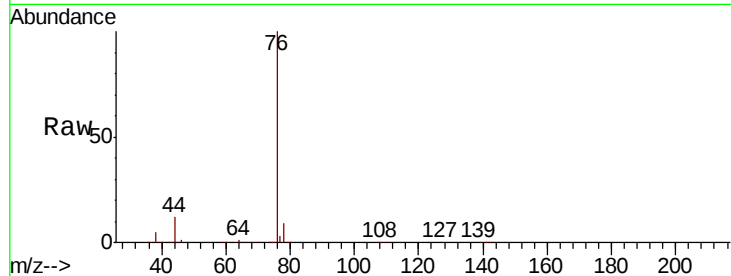
#17
Carbon Disulfide
Concen: 161.087 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1812153
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

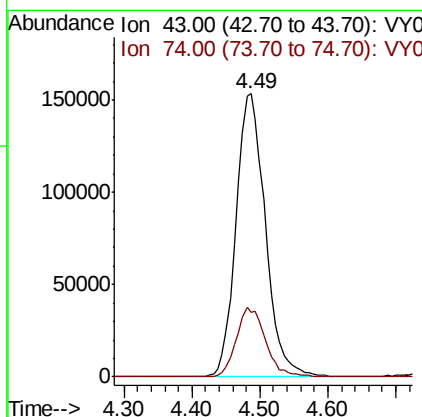
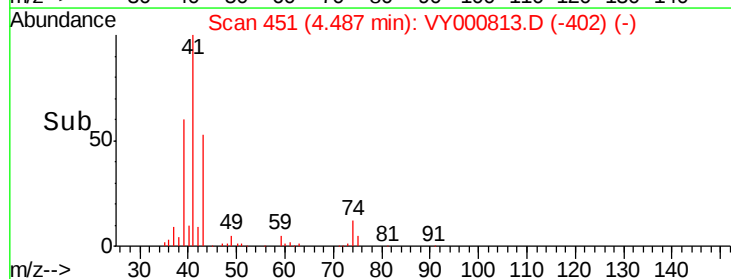
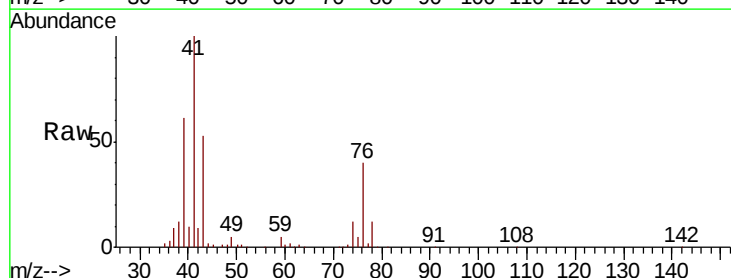
Manual Integrations
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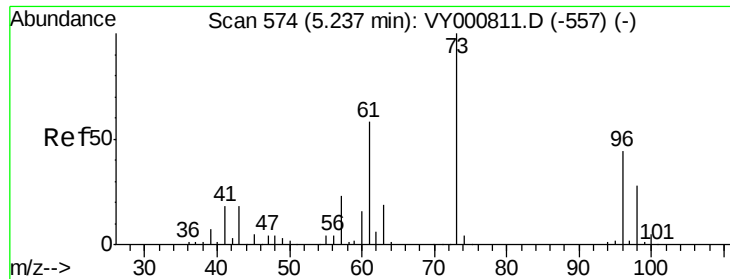
MMDadoda
12/2/2019 11:37:18 AM



#18
Methyl Acetate
Concen: 143.377 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 43 Resp: 460067
Ion Ratio Lower Upper
43 100
74 24.4 18.5 27.7





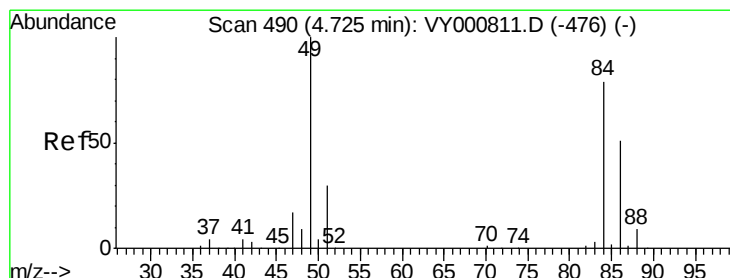
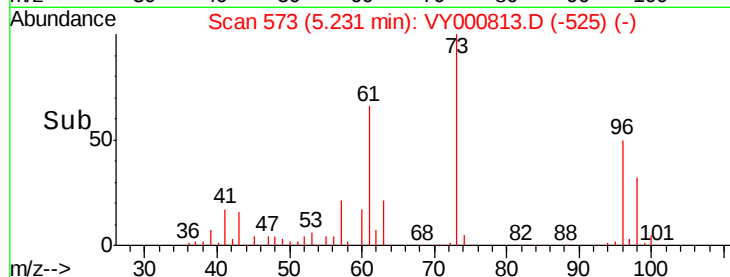
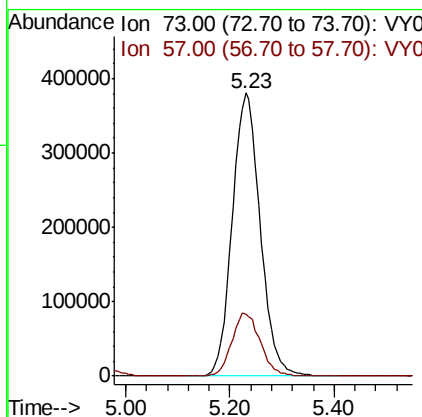
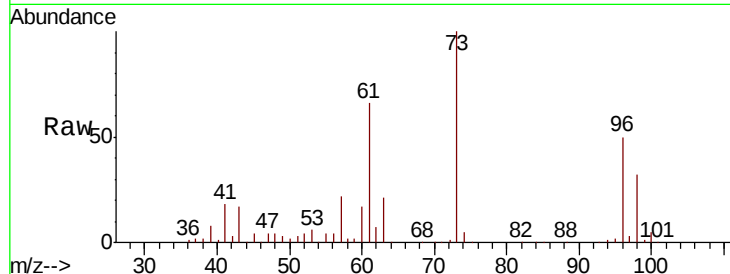
#19
Methvl tert-butvl Ether
Concen: 142.992 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1414962
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

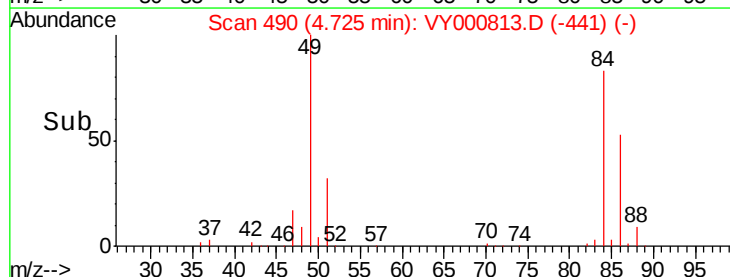
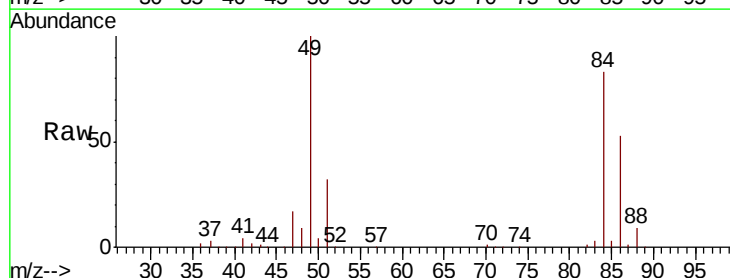
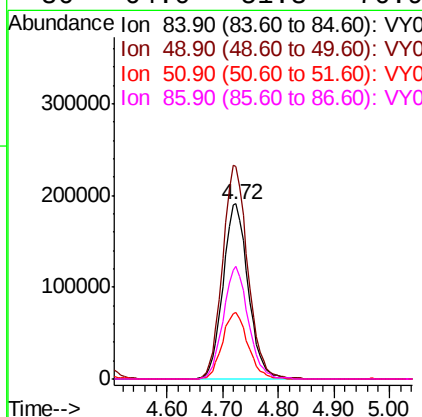
Manual Integrations
APPROVED

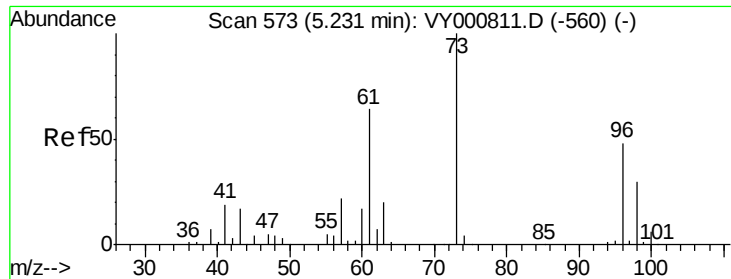
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#20
Methylene Chloride
Concen: 137.496 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 84 Resp: 597817
Ion Ratio Lower Upper
84 100
49 121.0 101.3 151.9
51 38.2 30.6 45.8
86 64.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 153.559 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 615943

Ion Ratio Lower Upper

96 100

61 131.5 105.9 158.9

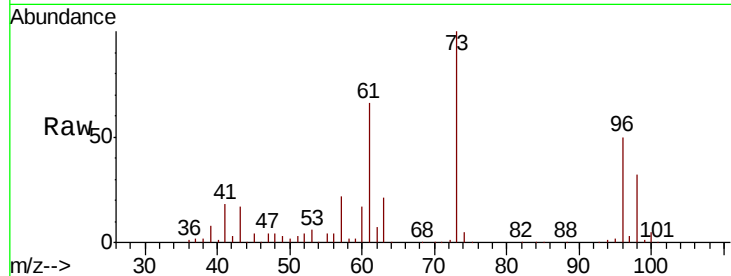
98 63.8 49.4 74.2

Manual Integrations

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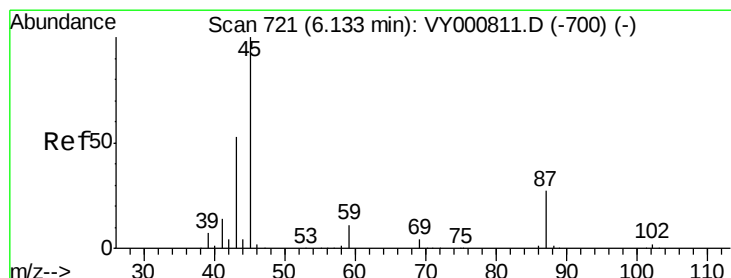
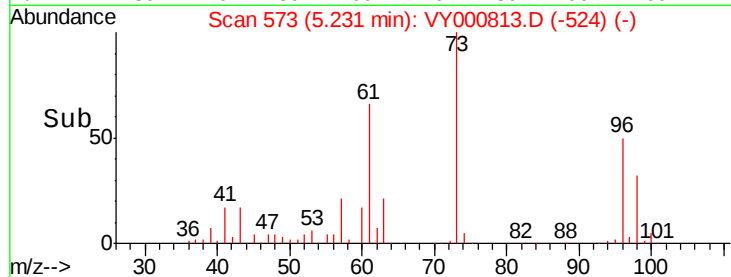
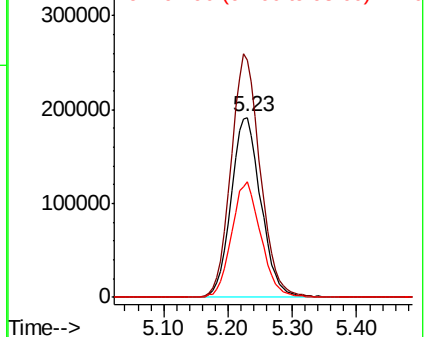


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 141.043 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion: 45 Resp: 1777923

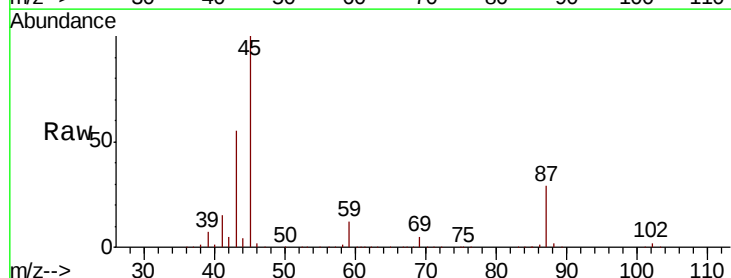
Ion Ratio Lower Upper

45 100

43 54.5 42.7 64.1

87 29.0 22.0 33.0

59 12.1 8.9 13.3



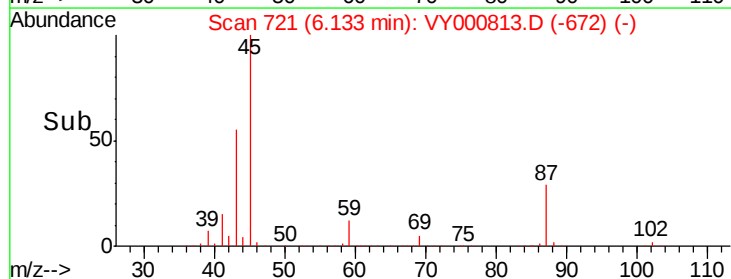
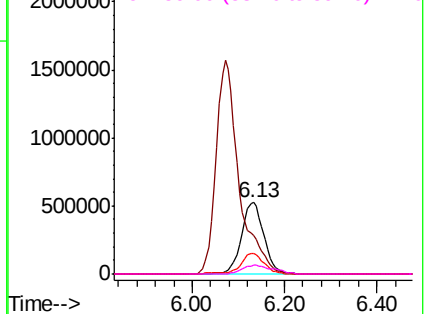
Abundance

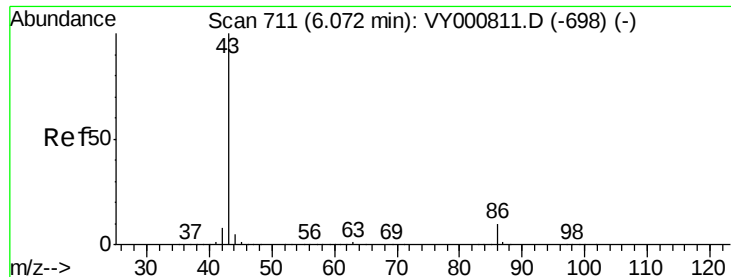
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 680.702 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5417633

Ion Ratio Lower Upper

43 100

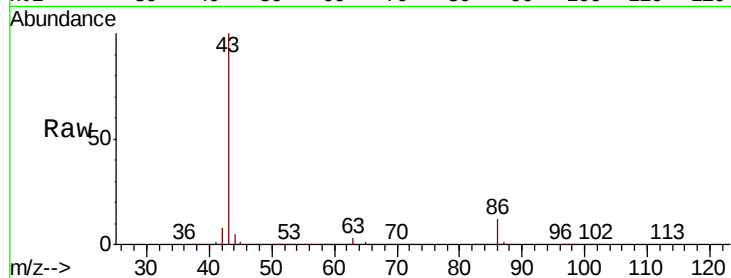
86 11.6 8.3 12.5

Manual Integrations

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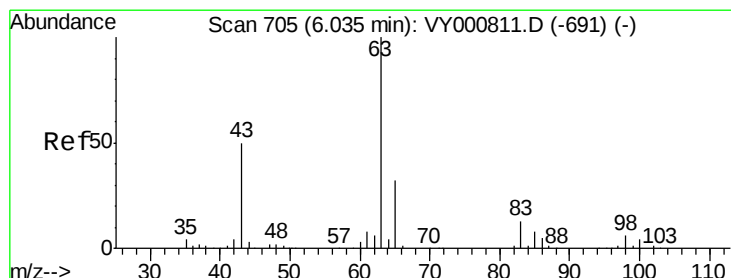
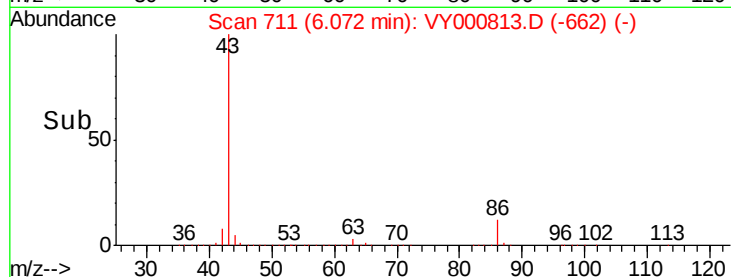
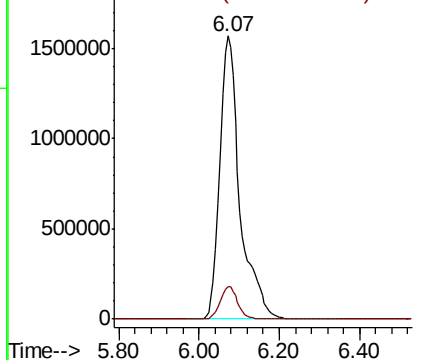
MMDadoda

12/2/2019 11:37:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 151.415 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

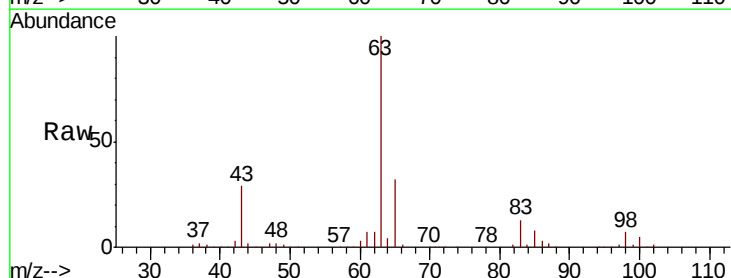
Tgt Ion: 63 Resp: 1037192

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

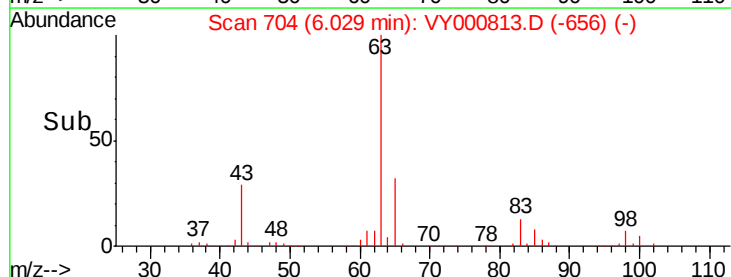
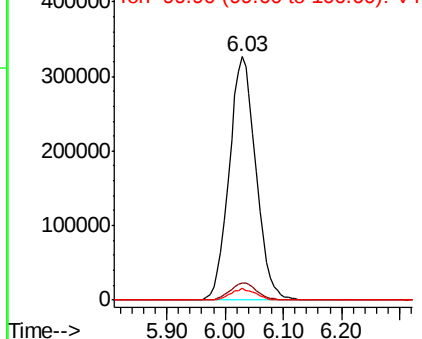
100 4.7 2.2 6.6

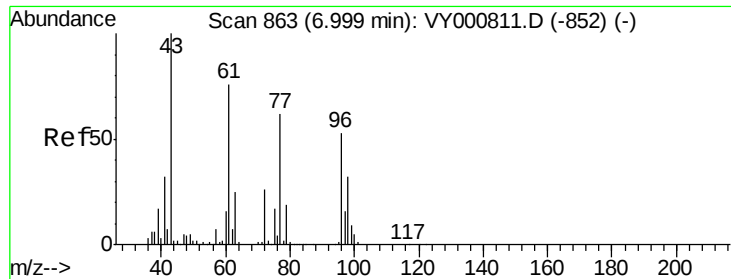


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 626.002 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1006165

Ion Ratio Lower Upper

43 100

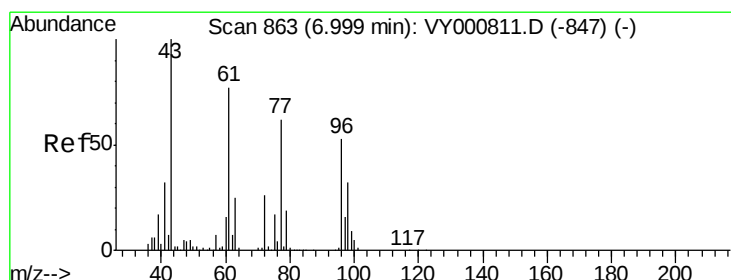
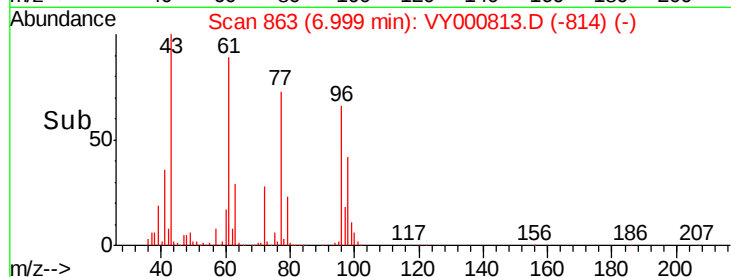
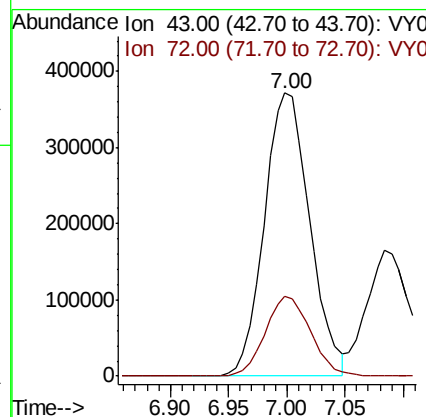
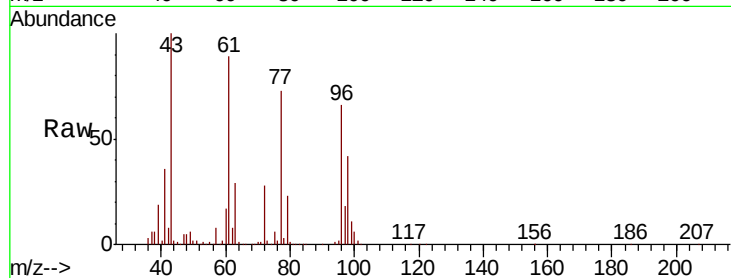
72 28.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 139.884 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000813.D

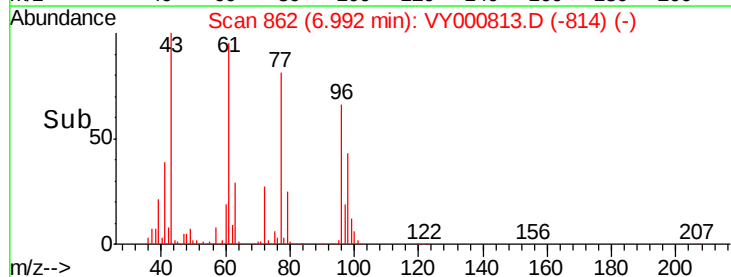
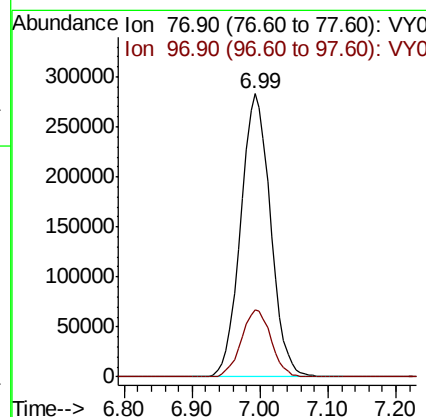
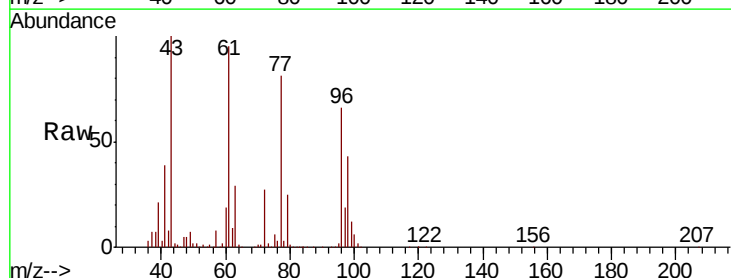
Acq: 27 Nov 2019 12:21

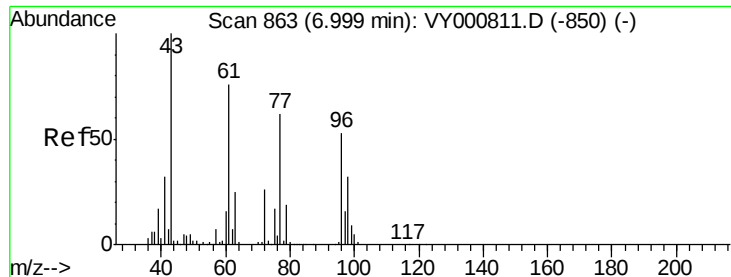
Tgt Ion: 77 Resp: 862016

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

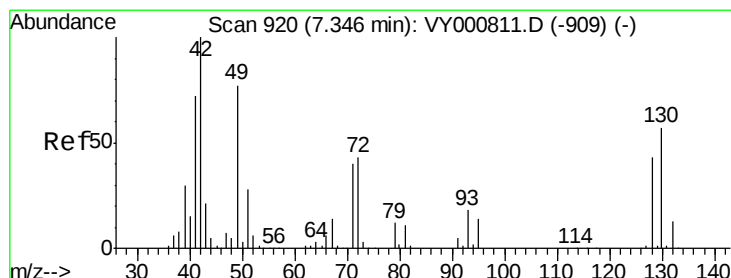
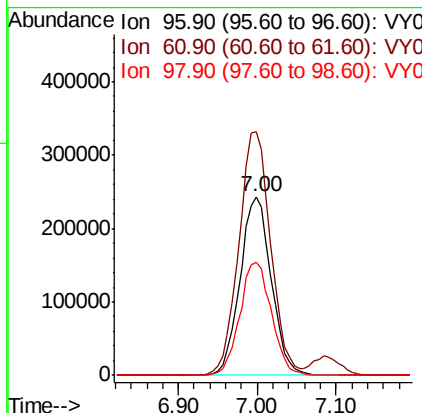
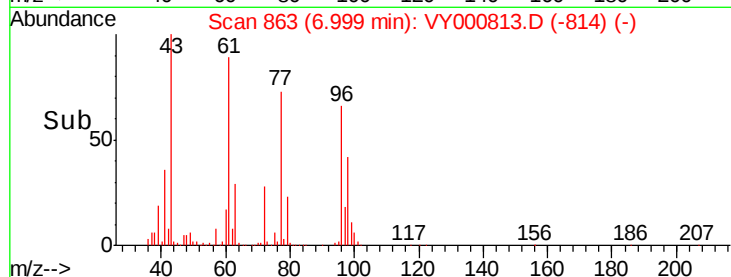
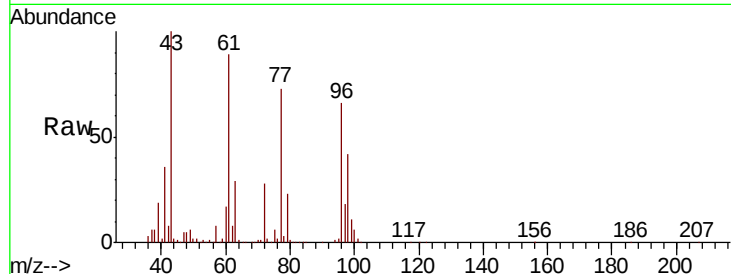
cis-1,2-Dichloroethene
Concen: 152.110 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	667974		
61	139.7		0.0	285.0
98	64.3		0.0	128.0

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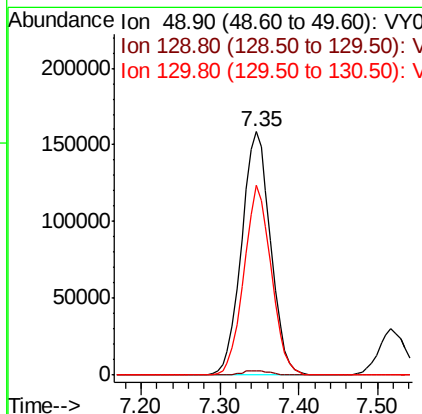
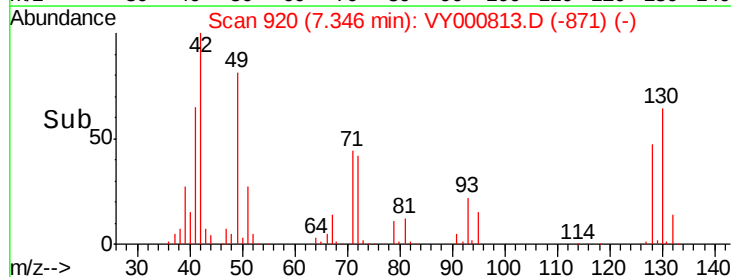
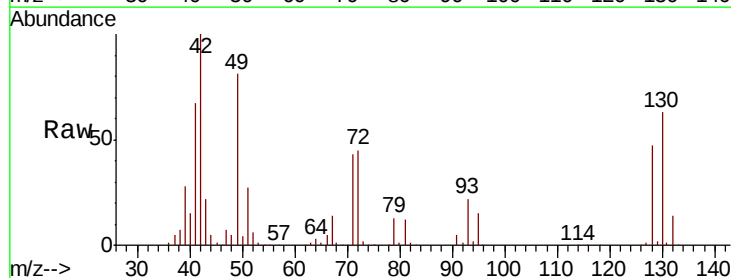
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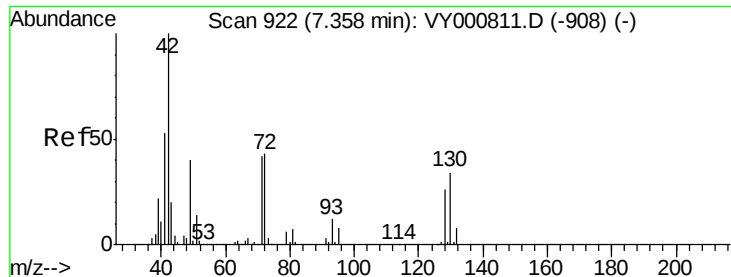


#28

Bromochloromethane
Concen: 153.742 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	405266		
129	1.9		0.0	3.8
130	73.7		58.7	88.1





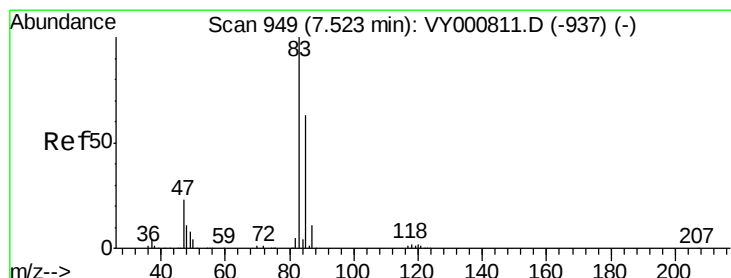
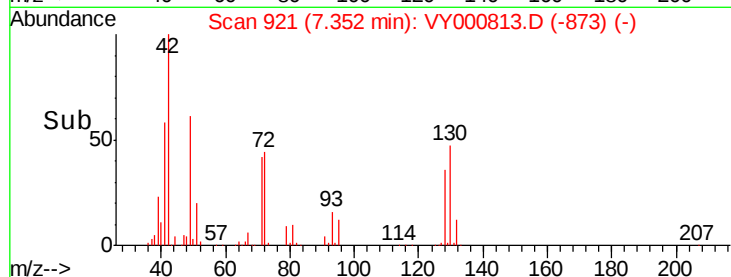
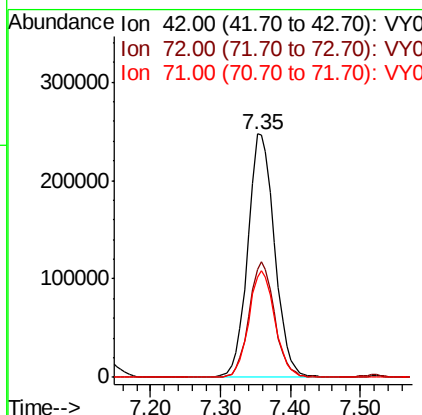
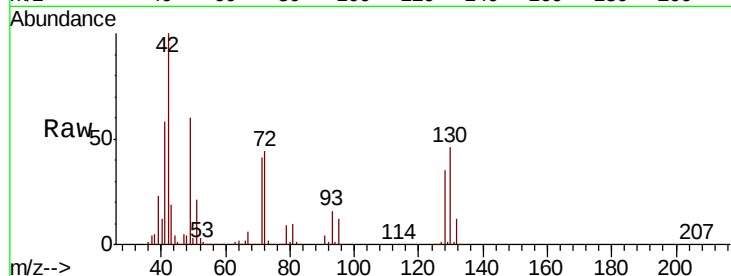
#29
Tetrahydrofuran
Concen: 658.776 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.1	52.7
71	42.4	32.8	49.2

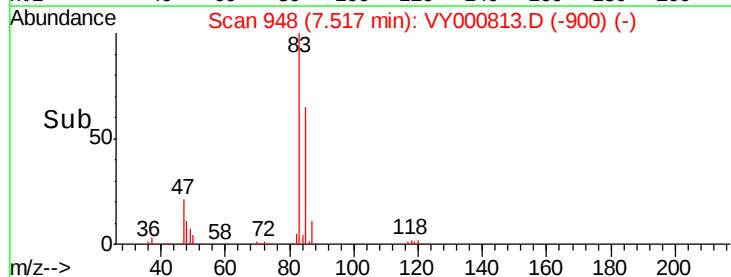
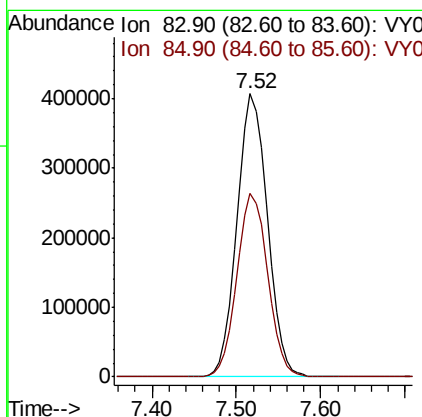
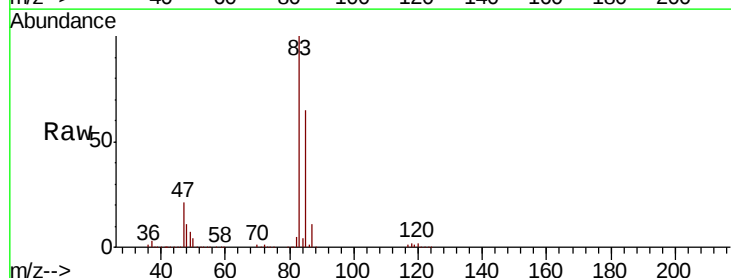
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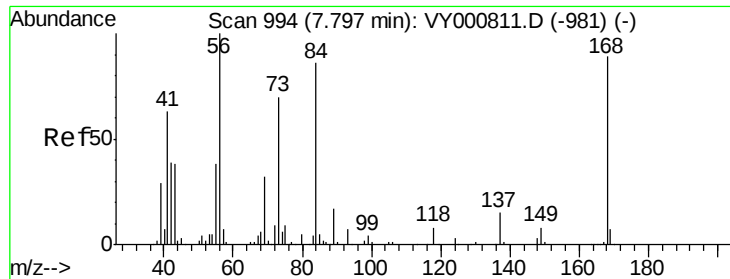
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#30
Chloroform
Concen: 144.819 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.4	75.6





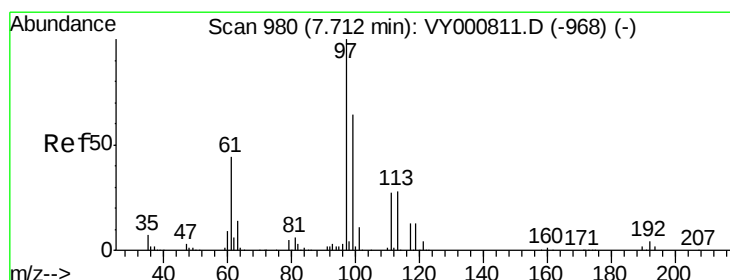
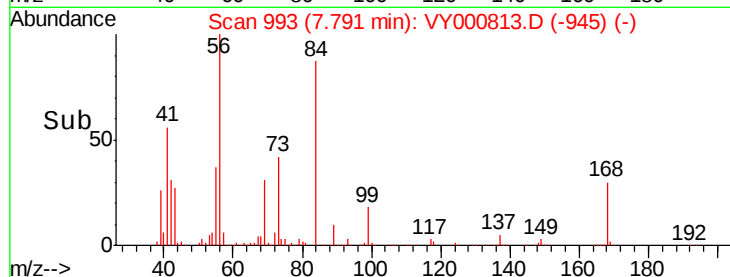
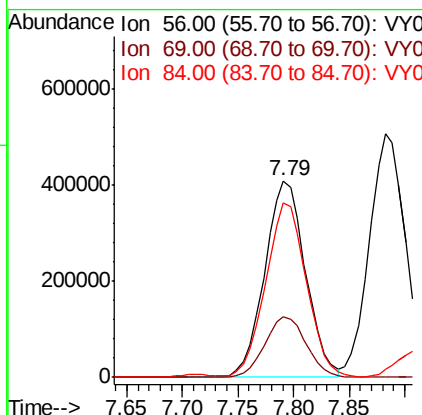
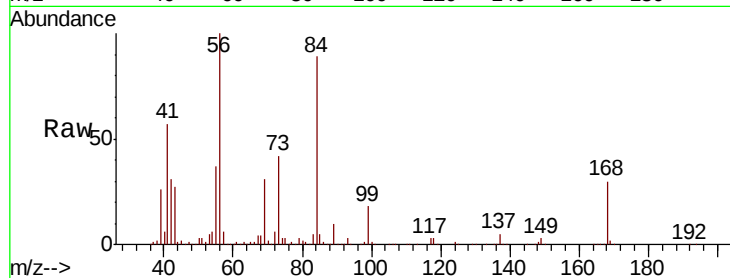
#31
Cyclohexane
Concen: 145.028 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1039082
Ion Ratio Lower Upper
56 100
69 30.8 25.9 38.9
84 87.4 68.6 102.8

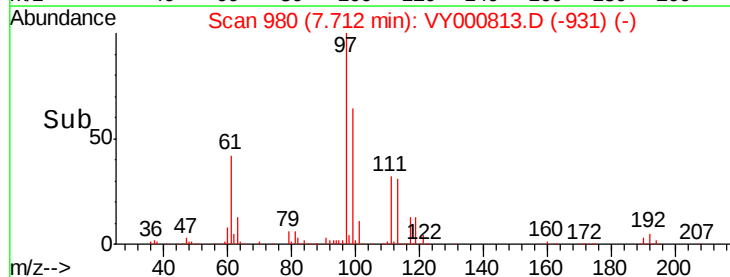
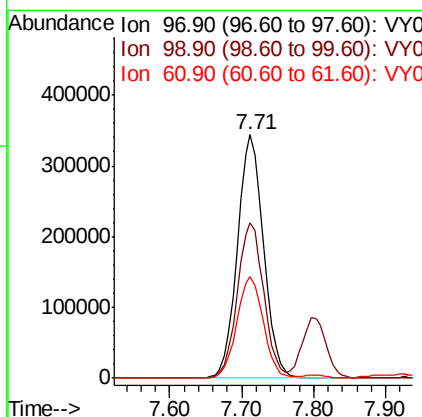
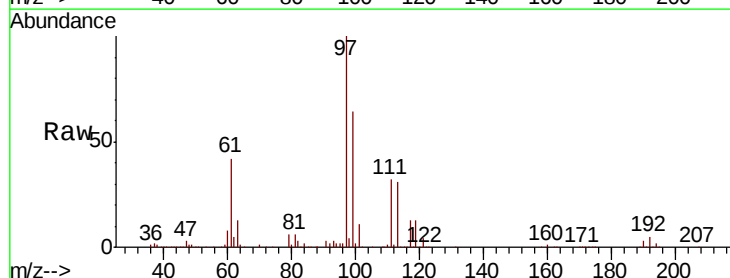
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#32
1,1,1-Trichloroethane
Concen: 142.693 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 97 Resp: 863092
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 42.2 35.0 52.6





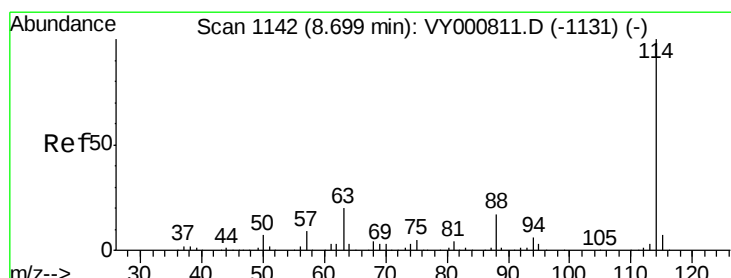
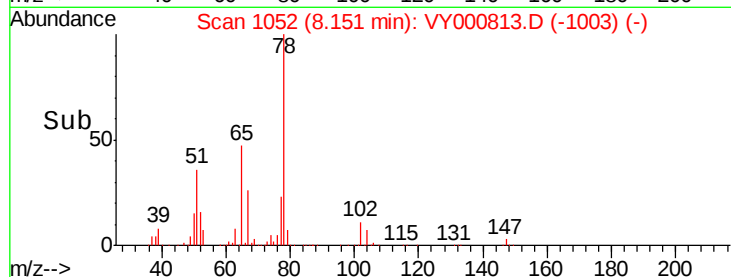
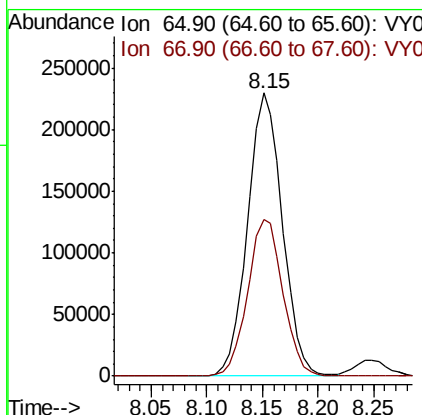
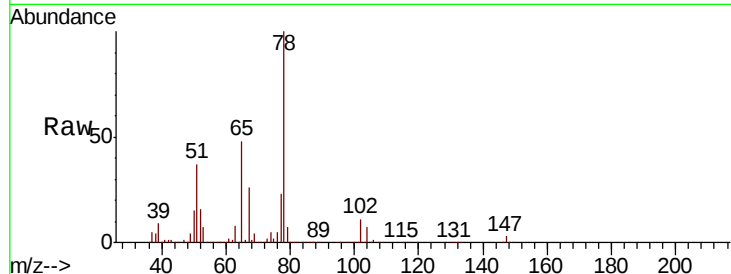
#33
 1,2-Dichloroethane-d4
 Concen: 140.291 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	499094		
67	56.1	0.0	112.0	

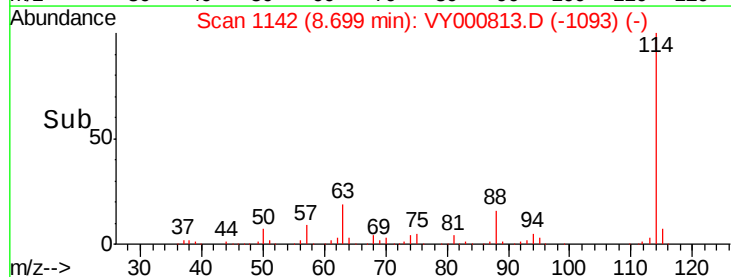
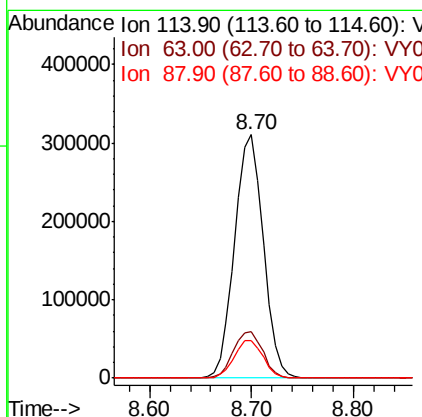
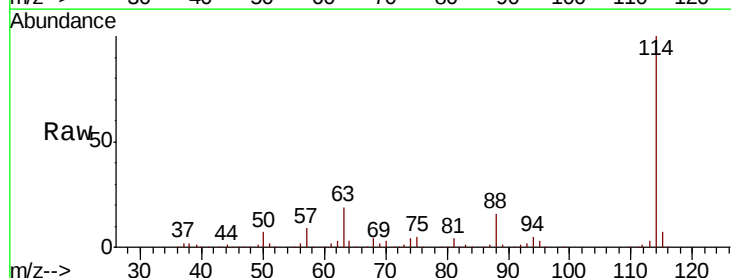
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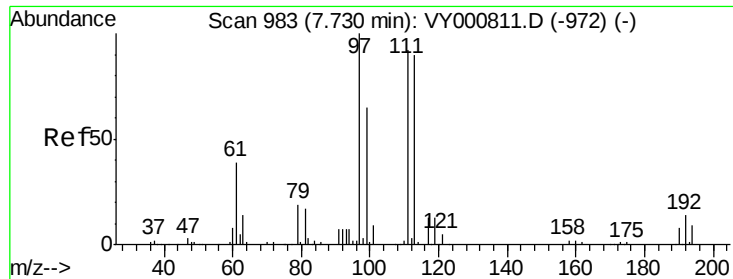
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	604701		
63	19.0	0.0	39.8	
88	15.6	0.0	33.2	





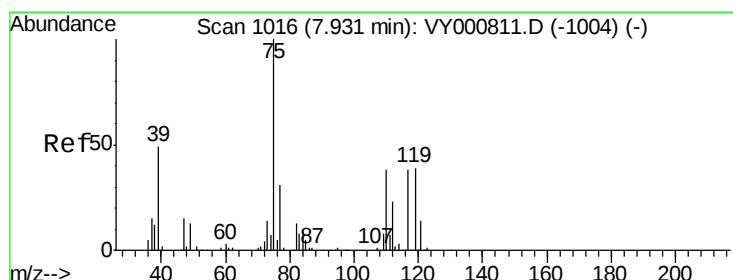
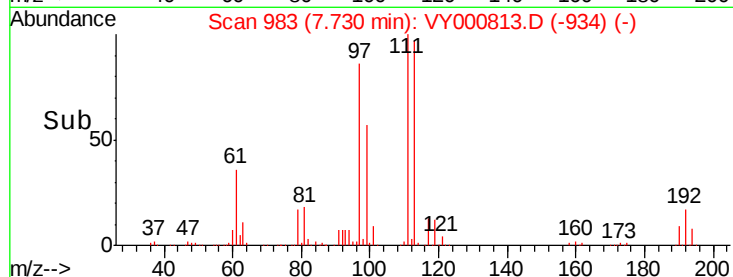
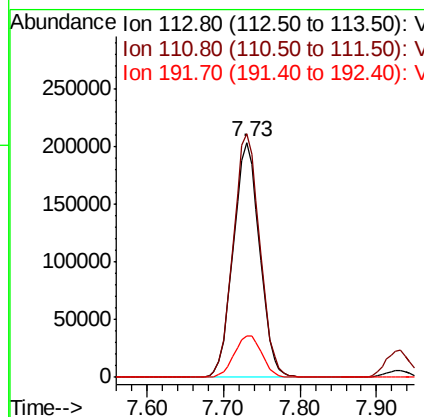
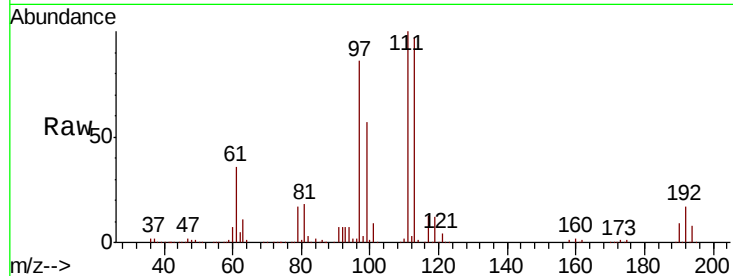
#35
Dibromofluoromethane
Concen: 138.011 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	18.6	14.2	21.2

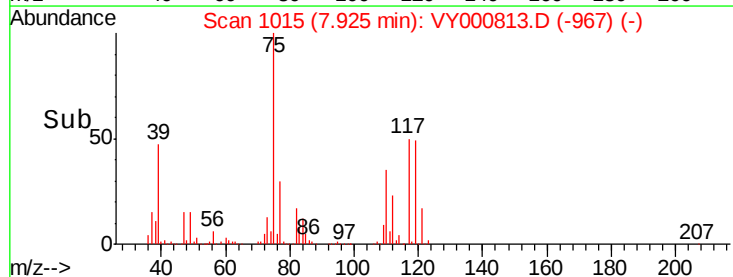
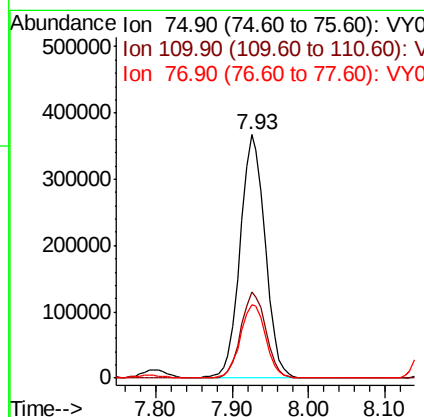
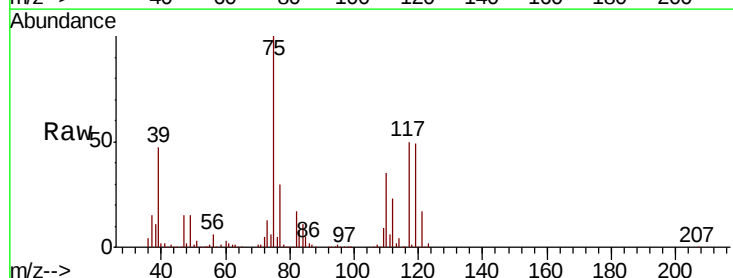
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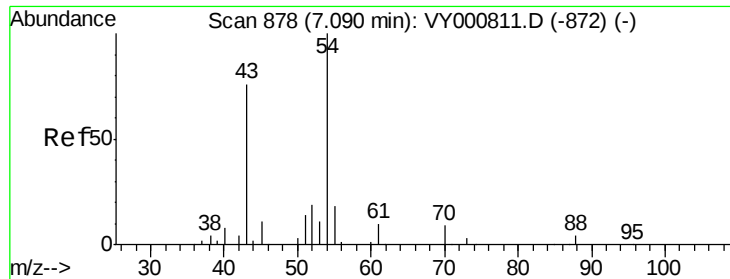
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#36
1,1-Dichloropropene
Concen: 143.531 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.9	53.7
77	31.0	24.7	37.1





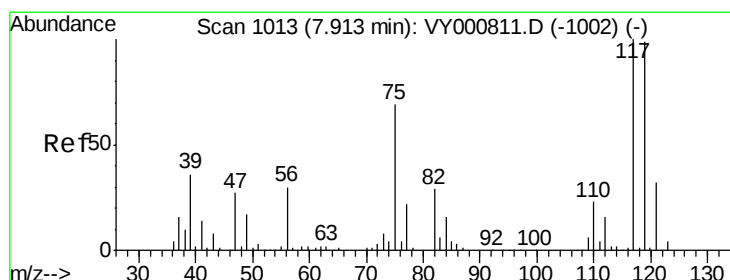
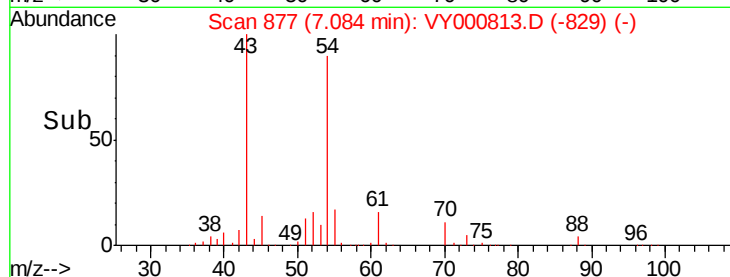
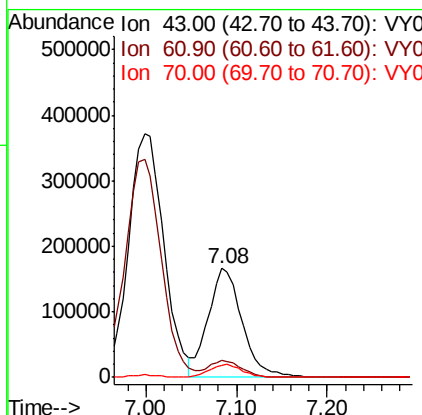
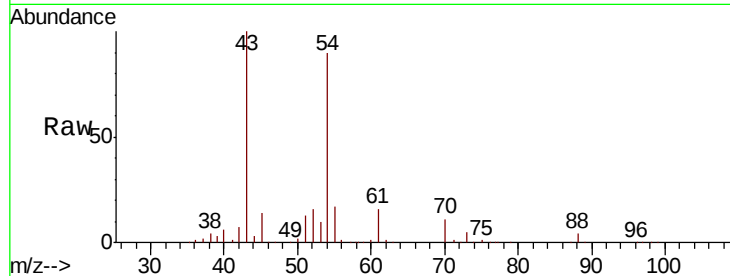
#37
Ethyl Acetate
Concen: 125.749 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleID :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.8
70	11.4	8.7	13.1

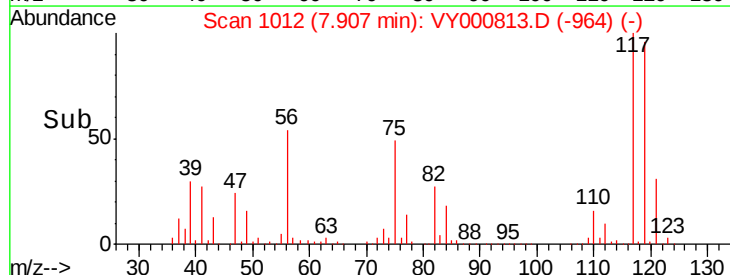
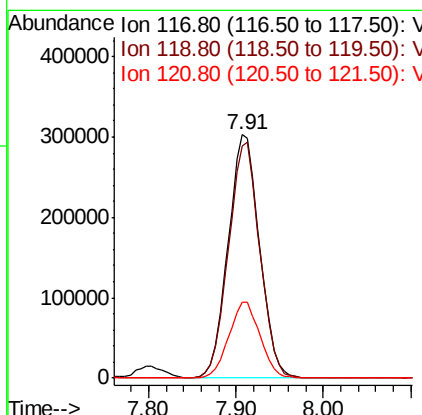
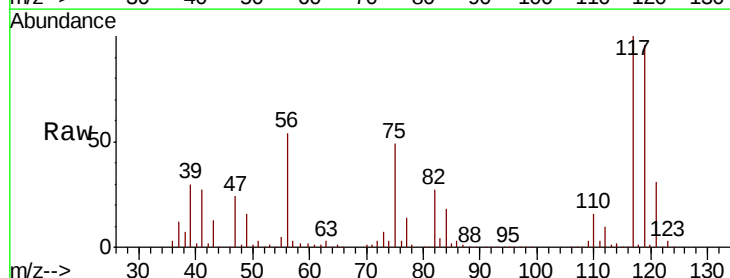
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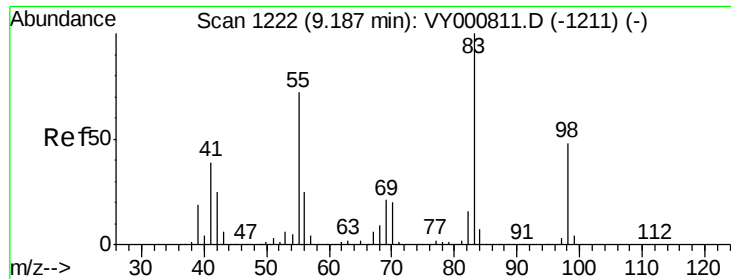
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#38
Carbon Tetrachloride
Concen: 137.109 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.3	118.9
121	31.0	25.5	38.3





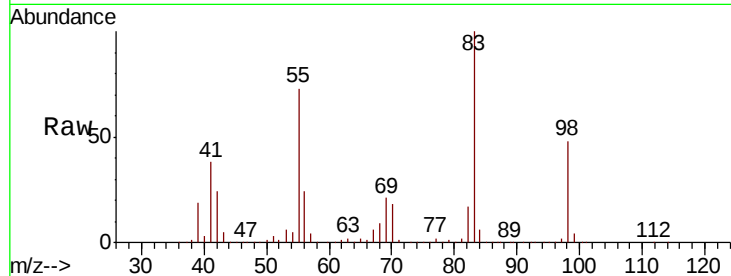
#39
Methvlcvclohexane
Concen: 149.723 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

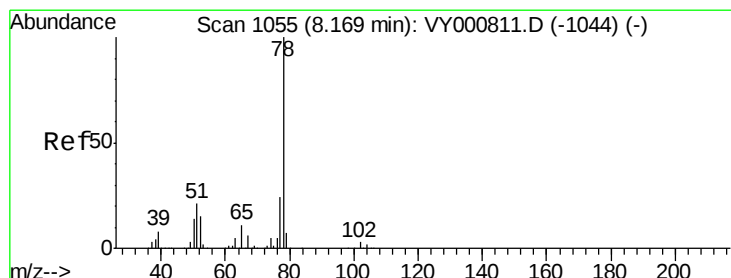
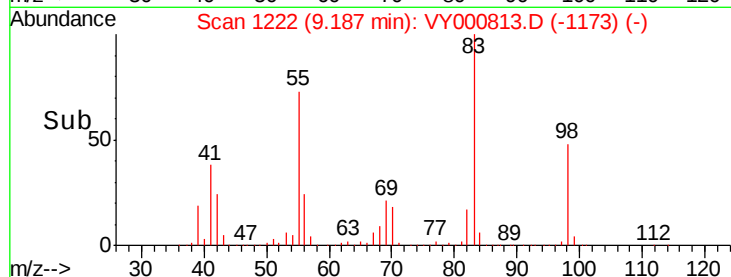
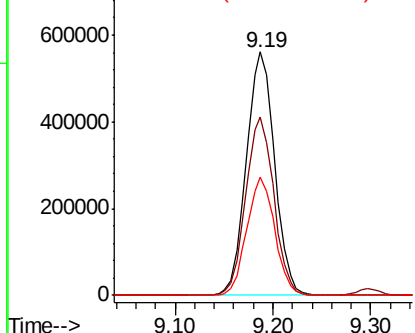
Tot Ion: 83 Resp: 1121827
Ion Ratio Lower Upper
83 100
55 73.1 57.8 86.6
98 48.3 38.6 58.0

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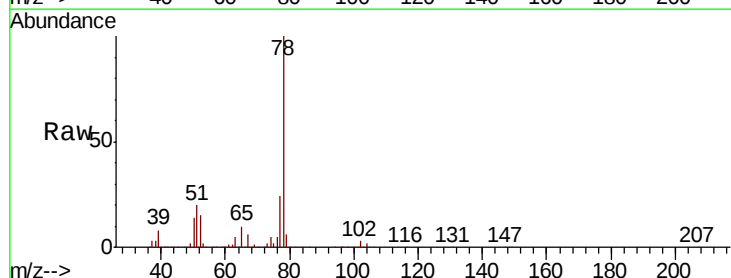


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

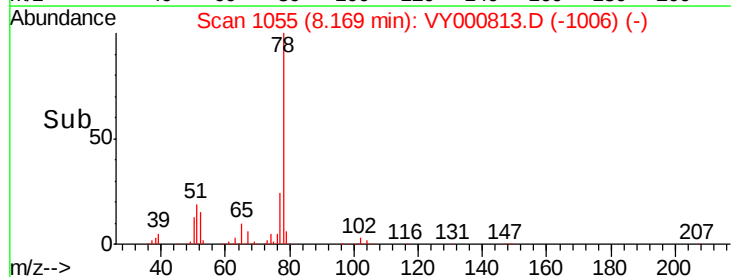
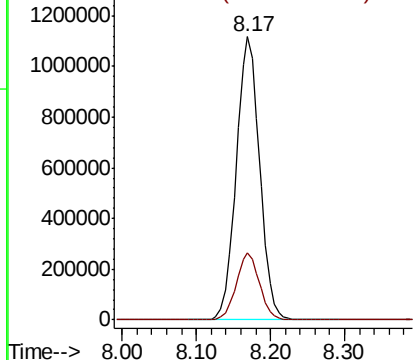


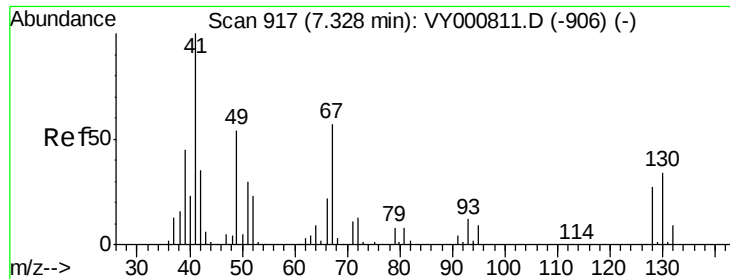
#40
Benzene
Concen: 144.160 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 78 Resp: 2453314
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





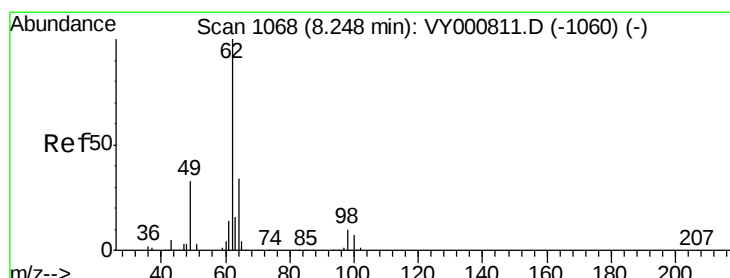
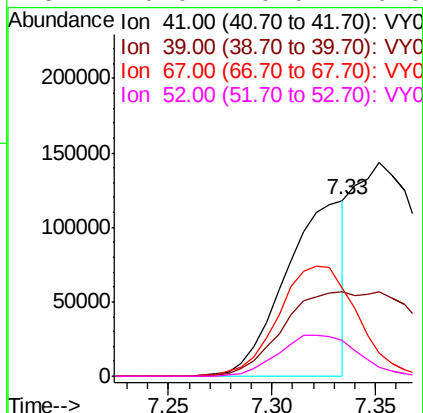
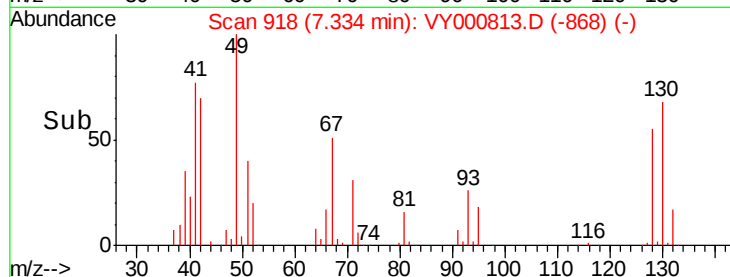
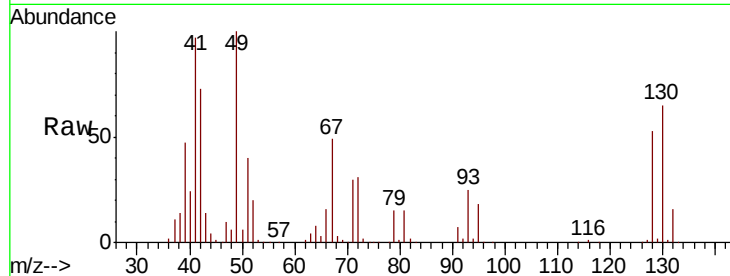
#41
Methacrylonitrile
Concen: 123.275 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

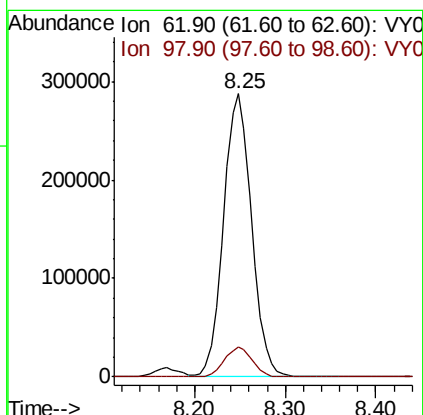
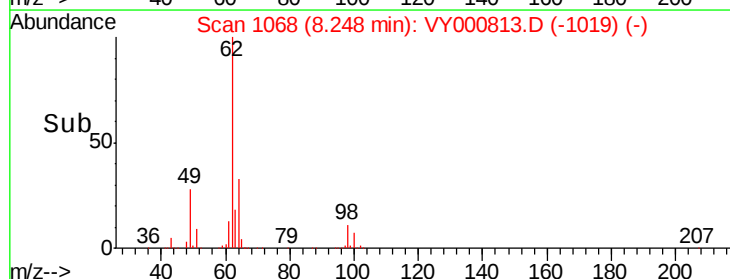
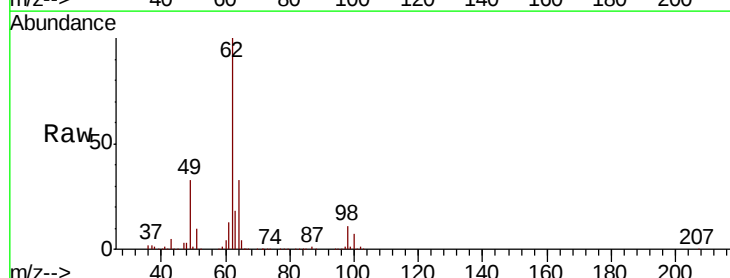
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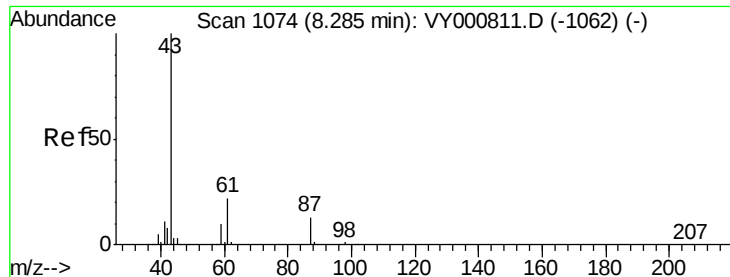
MMDadoda
12/2/2019 11:37:18 AM



#42
1,2-Dichloroethane
Concen: 129.385 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4





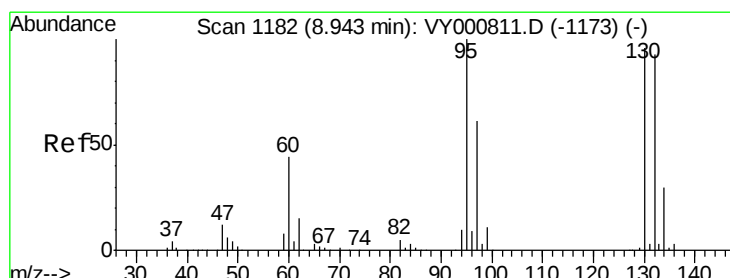
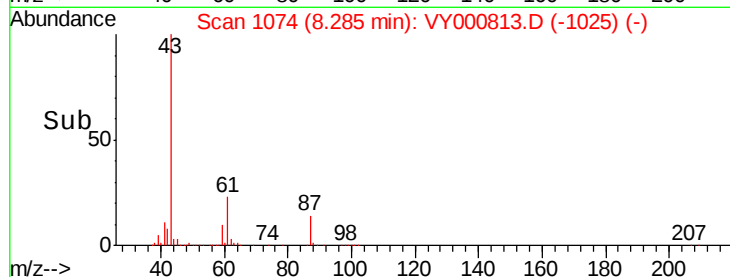
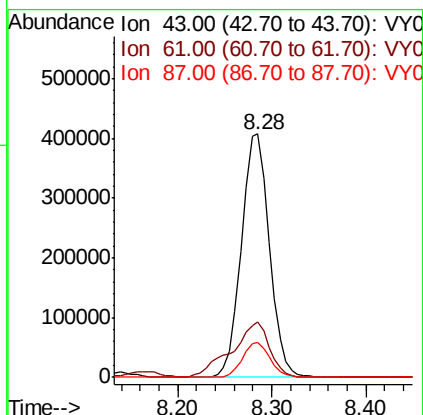
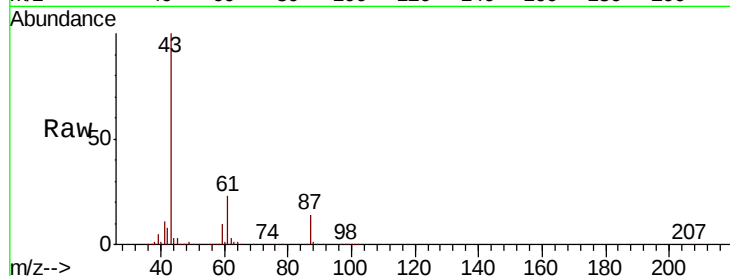
#43
Isopropyl Acetate
Concen: 129.943 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.7	35.5
87	14.2	10.6	15.8

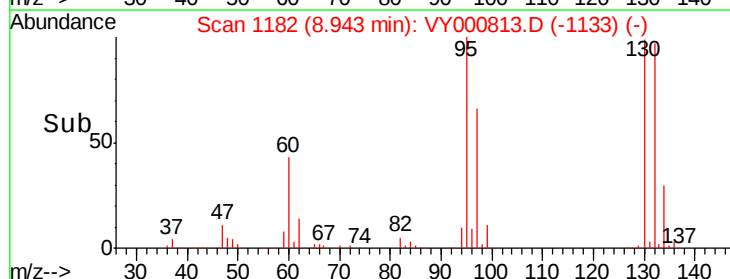
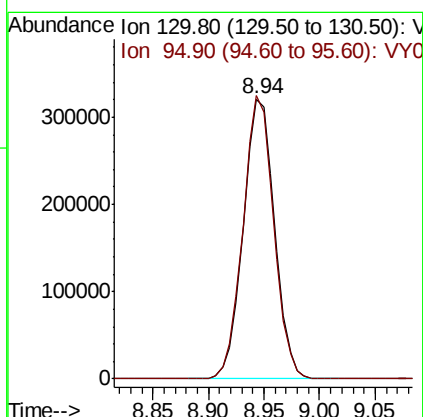
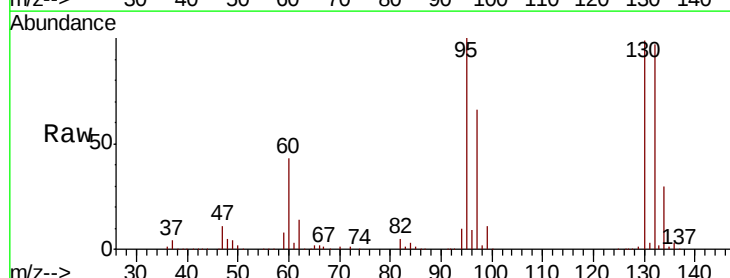
Manual Integrations
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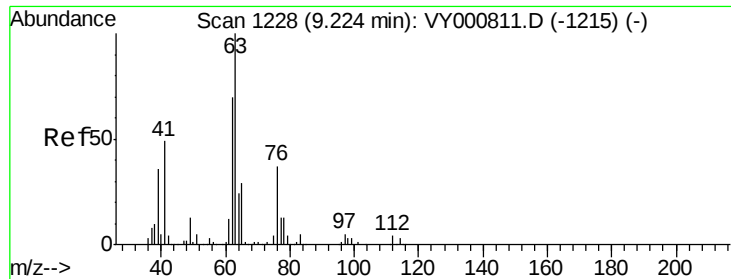
MMDadoda
12/2/2019 11:37:18 AM



#44
Trichloroethene
Concen: 140.388 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	207.8





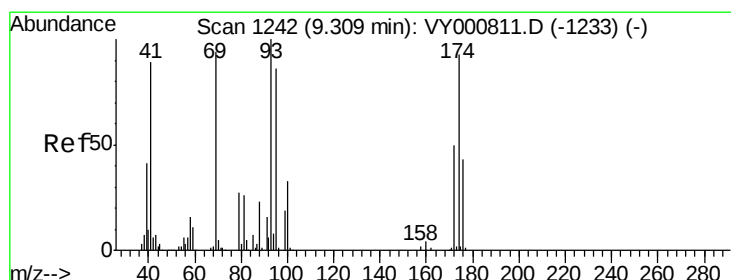
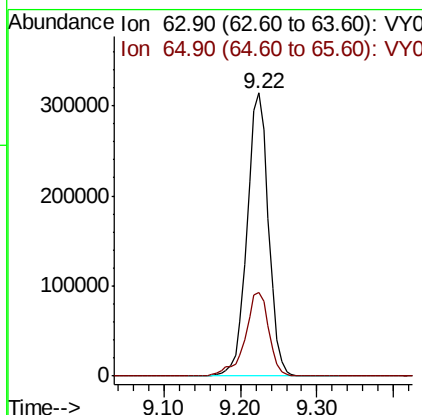
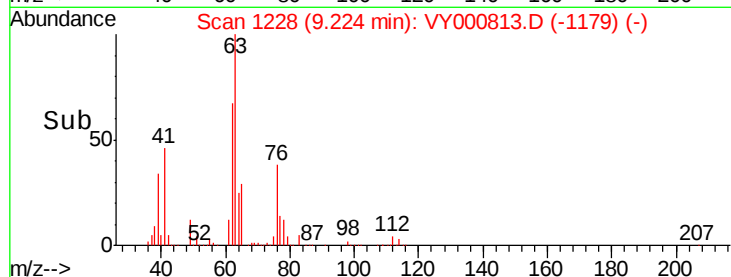
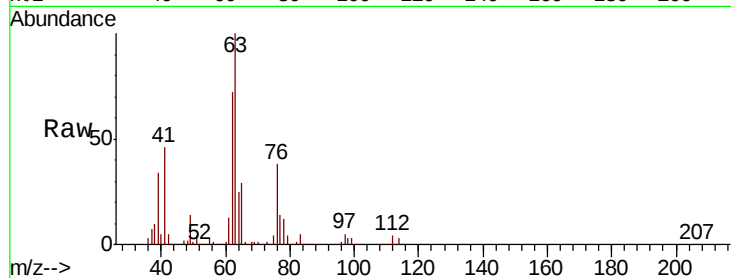
#45
 1,2-Dichloropropane
 Concen: 144.513 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	23.2	34.8

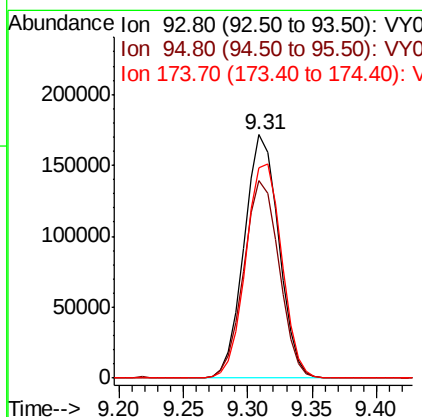
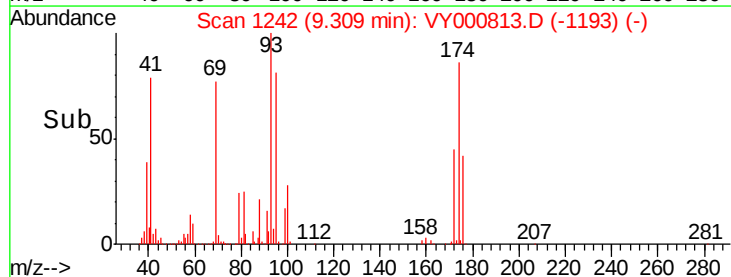
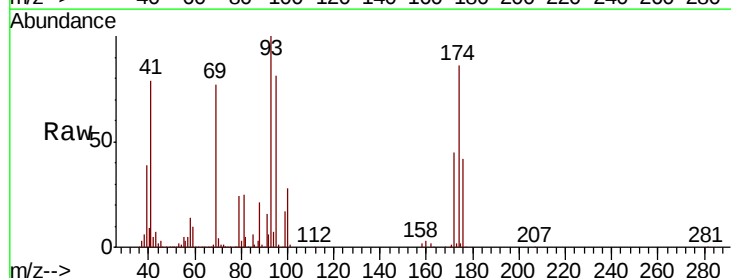
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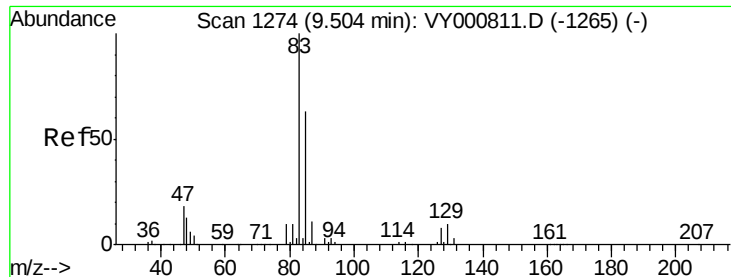
MMDadoda
 12/2/2019 11:37:18 AM



#46
 Dibromomethane
 Concen: 139.219 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.4	99.6
174	90.9	73.0	109.6





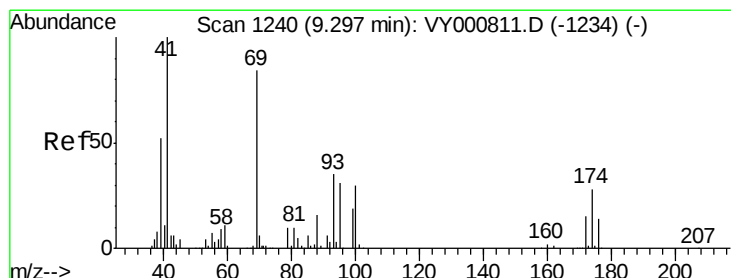
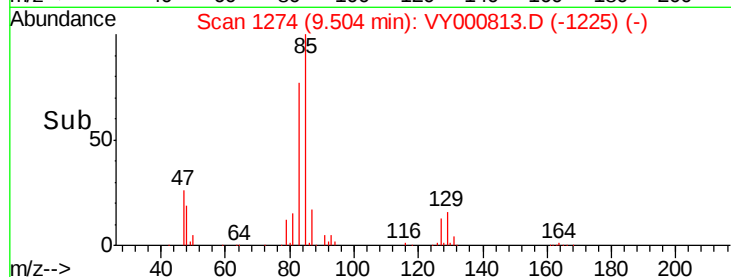
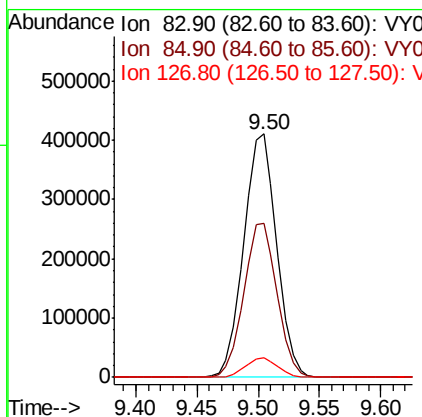
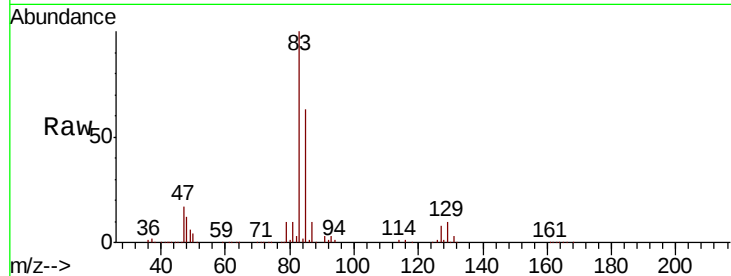
#47
Bromodichloromethane
Concen: 141.685 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.8	76.2
127	8.1	6.6	10.0

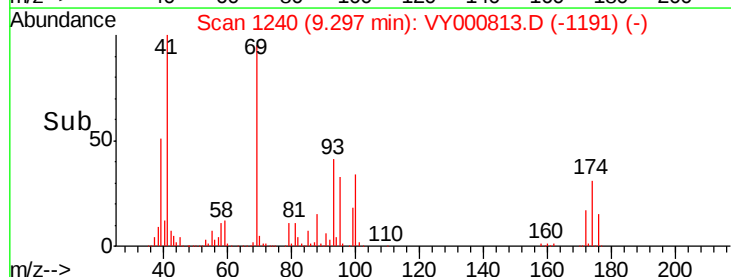
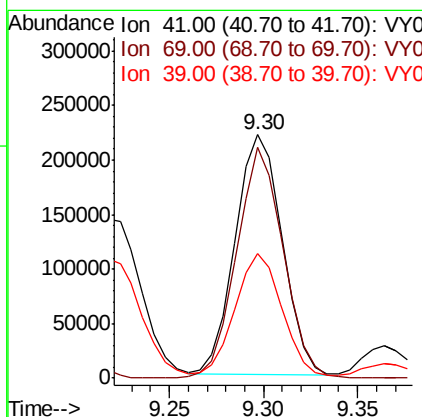
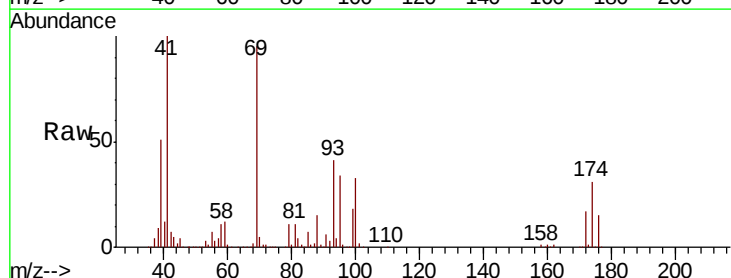
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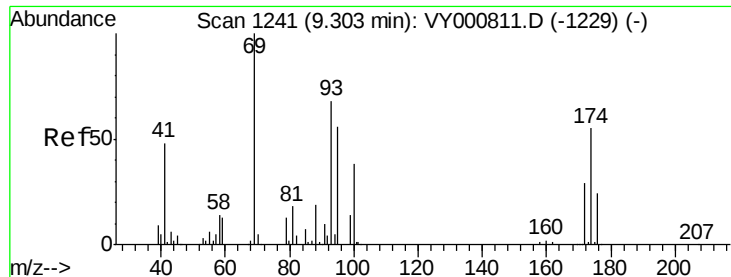
MMDadoda
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#48
Methyl methacrylate
Concen: 131.992 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.8	70.4	105.6
39	53.2	40.9	61.3





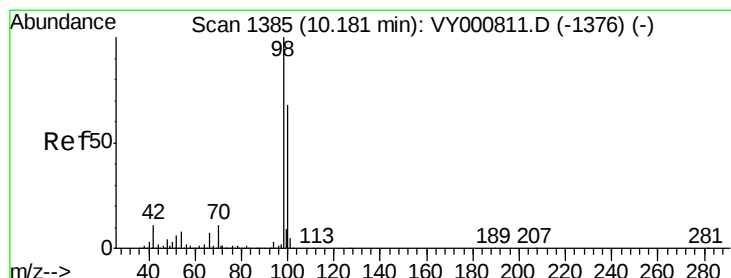
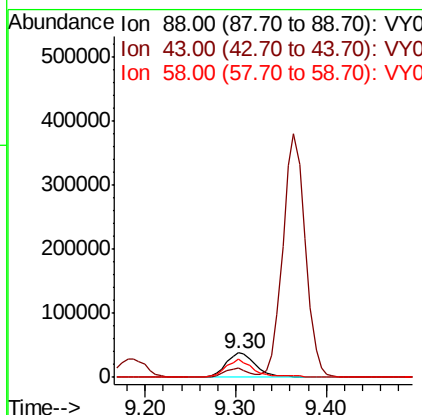
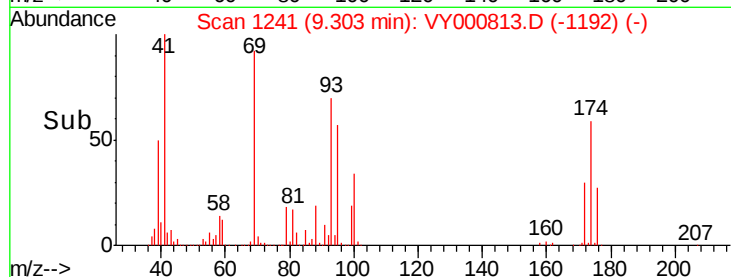
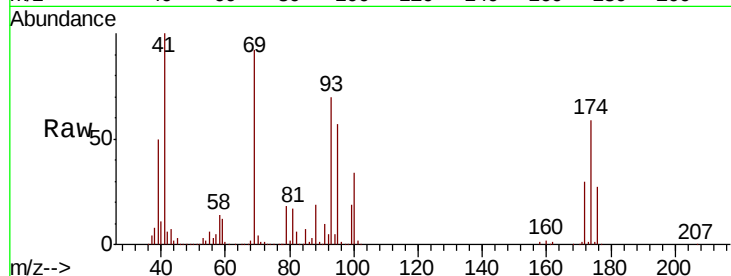
#49
1,4-Dioxane
Concen: 2827.762 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	21.1	31.7
58	72.4	50.7	76.1

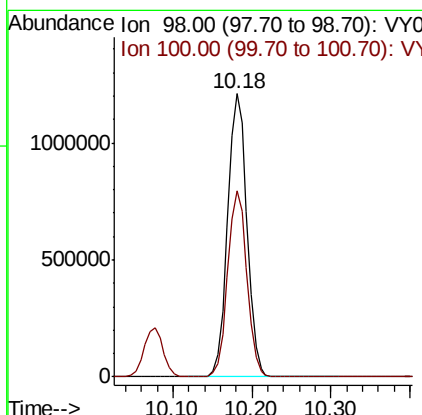
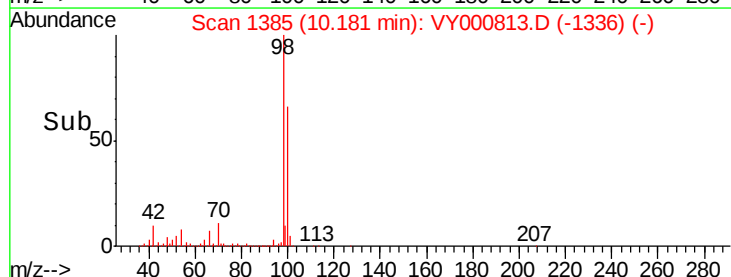
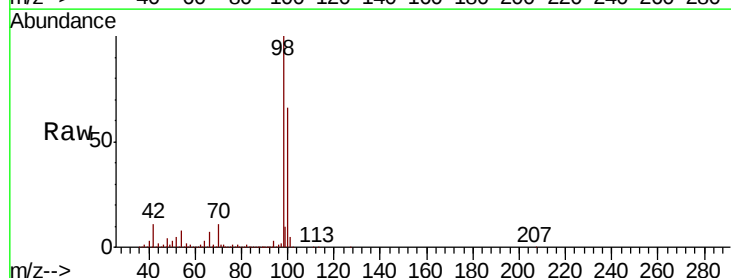
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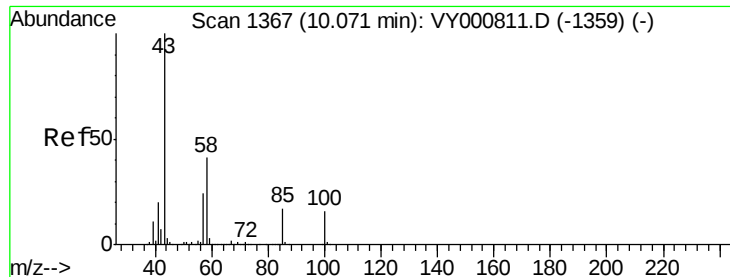
MMDadoda
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#50
Toluene-d8
Concen: 153.065 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 624.329 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2150927

Ion Ratio Lower Upper

43 100

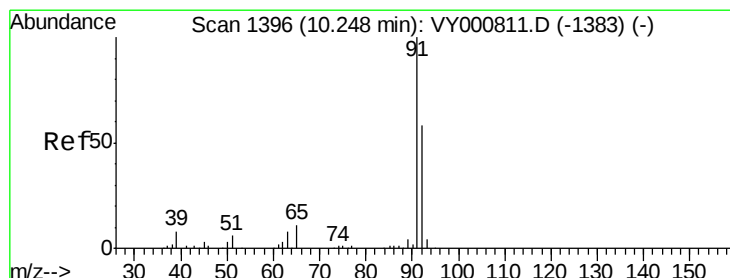
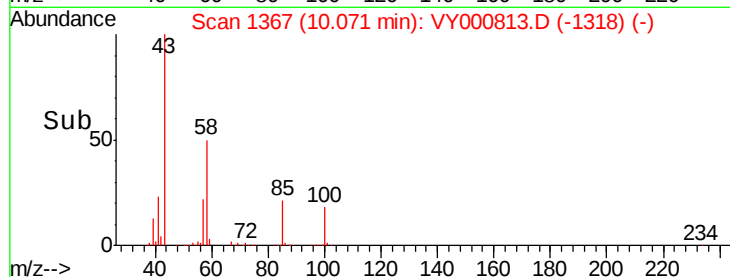
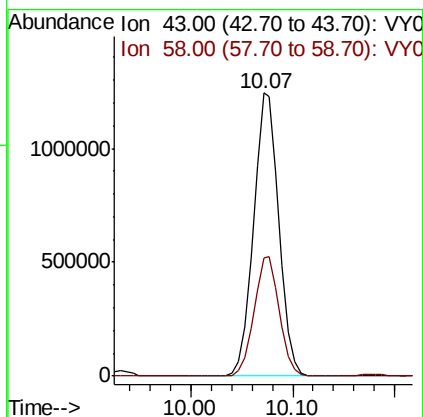
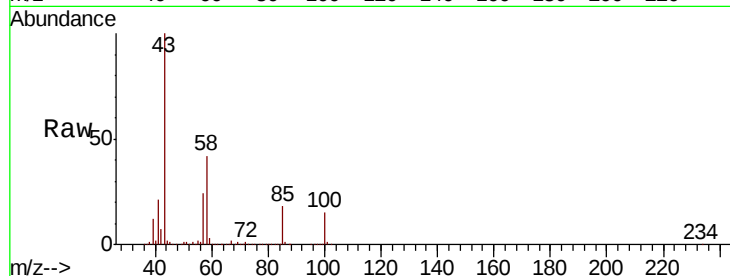
58 42.1 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 141.027 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000813.D

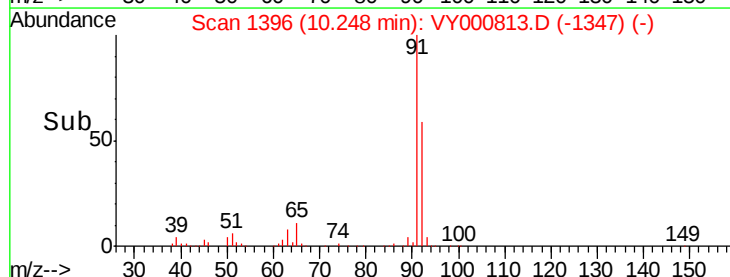
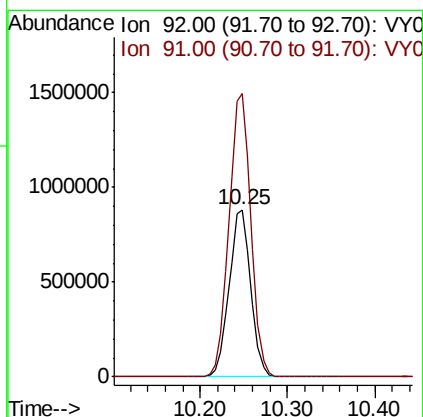
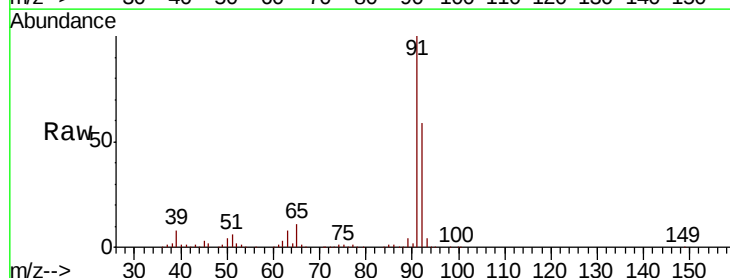
Acq: 27 Nov 2019 12:21

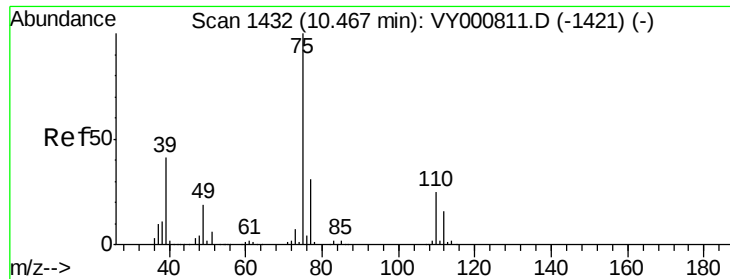
Tgt Ion: 92 Resp: 1514058

Ion Ratio Lower Upper

92 100

91 171.5 136.6 204.8





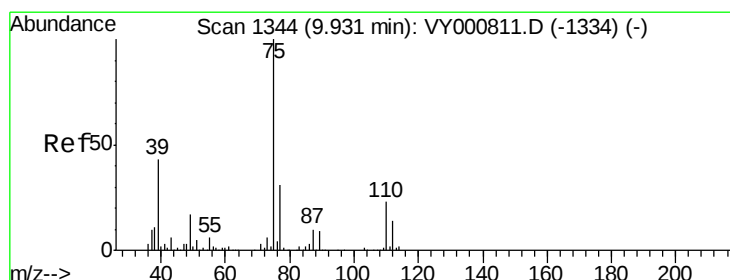
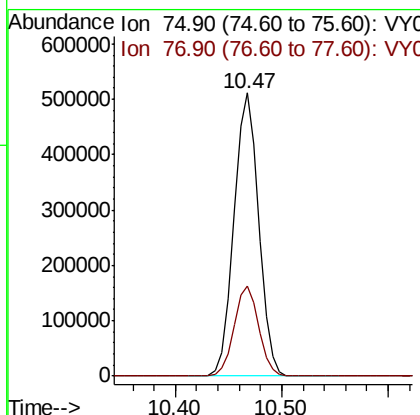
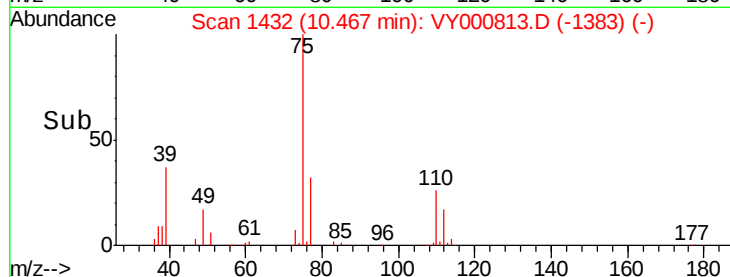
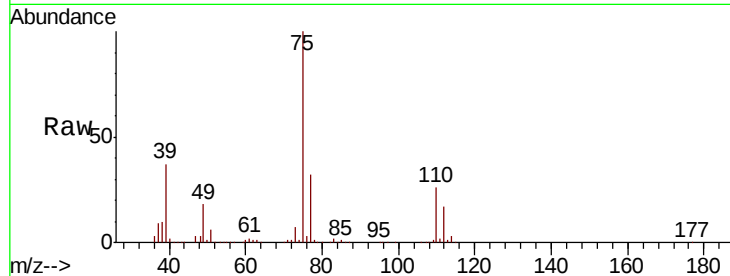
#53
t-1,3-Dichloropropene
Concen: 143.175 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7

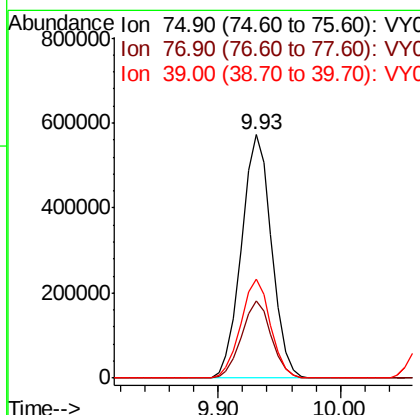
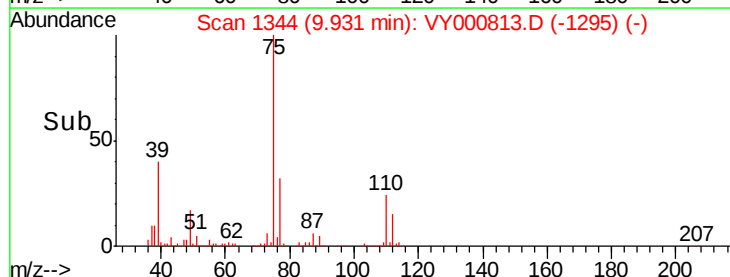
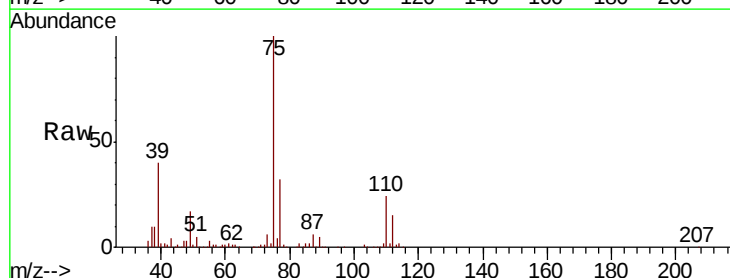
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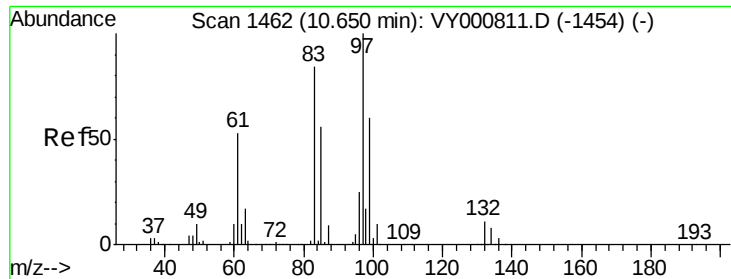
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#54
cis-1,3-Dichloropropene
Concen: 145.836 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.7	37.1
39	40.4	34.5	51.7





#55

1,1,2-Trichloroethane

Concen: 139.532 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

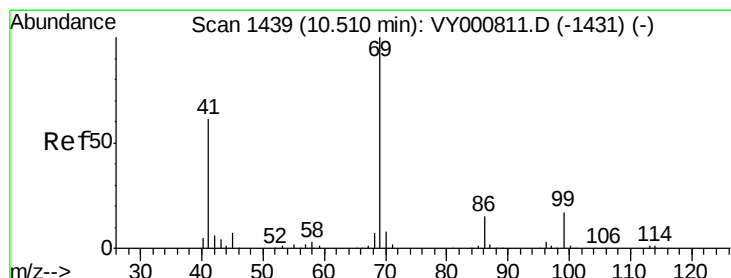
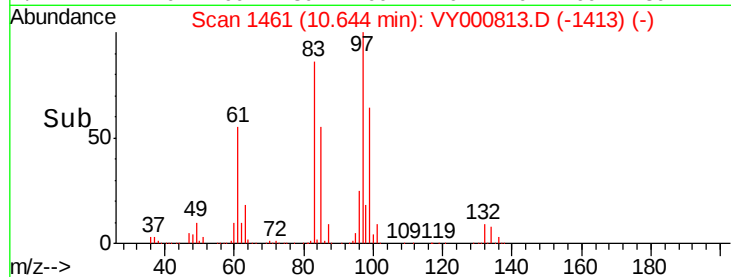
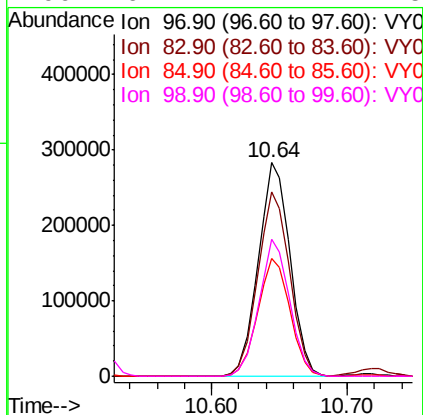
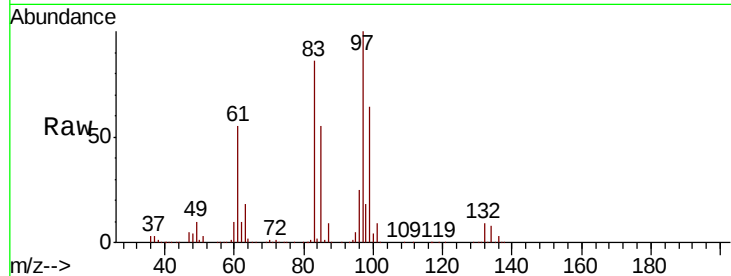
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	465342
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.5	101.3
85	55.4	44.5	66.7
99	64.2	47.7	71.5

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#56

Ethyl methacrylate

Concen: 146.748 ug/l

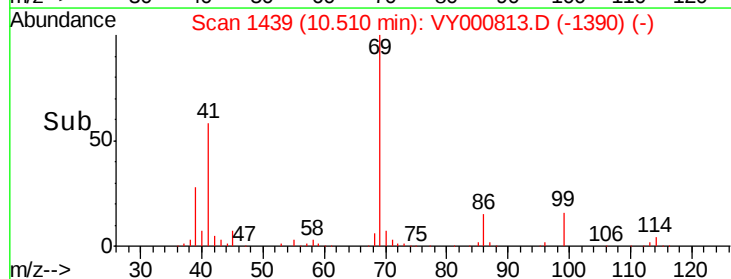
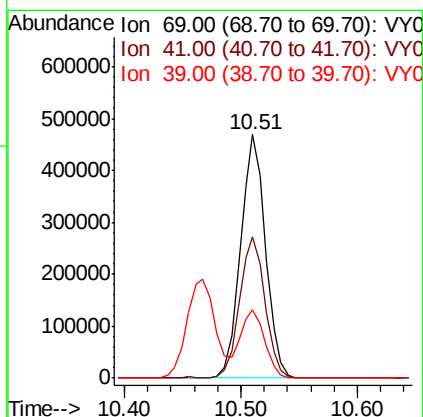
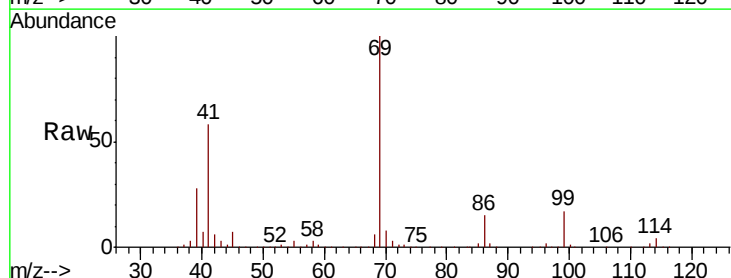
RT: 10.51 min Scan# 1439

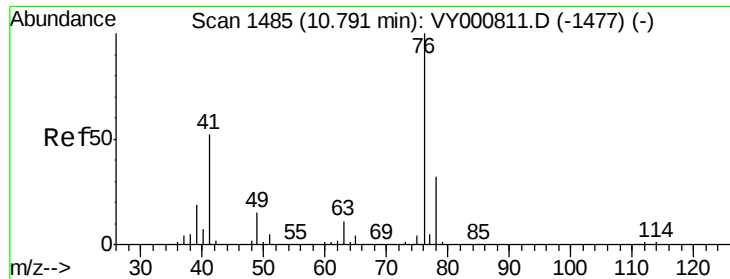
Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion:	69	Resp:	697641
Ion	Ratio	Lower	Upper
69	100		
41	59.0	49.0	73.6
39	26.8	23.1	34.7





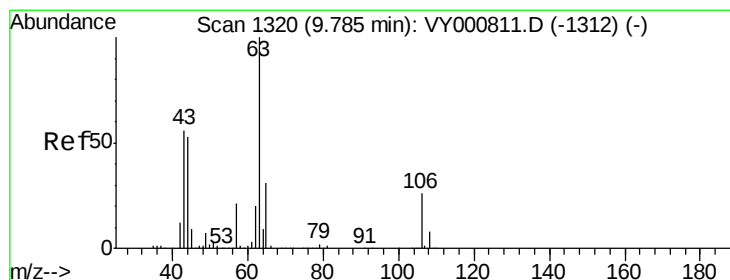
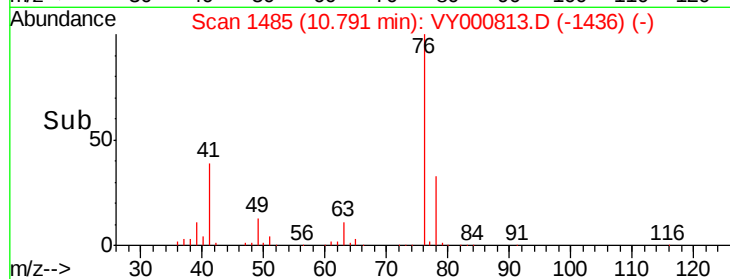
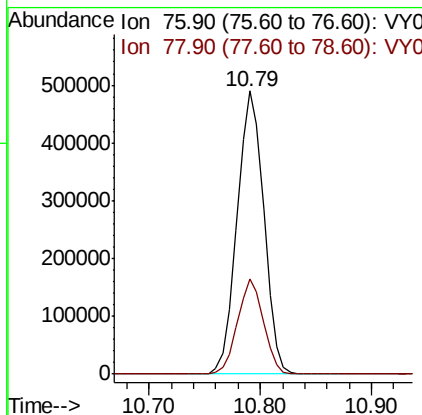
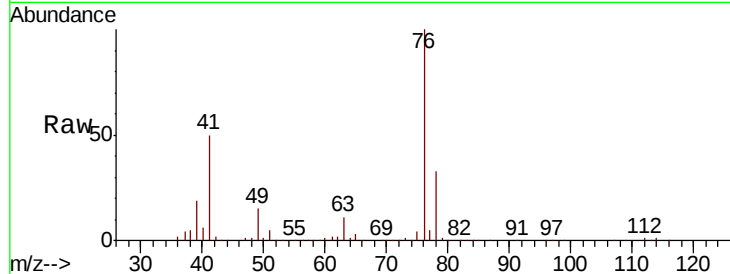
#57
 1,3-Dichloropropane
 Concen: 139.165 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.4	39.6

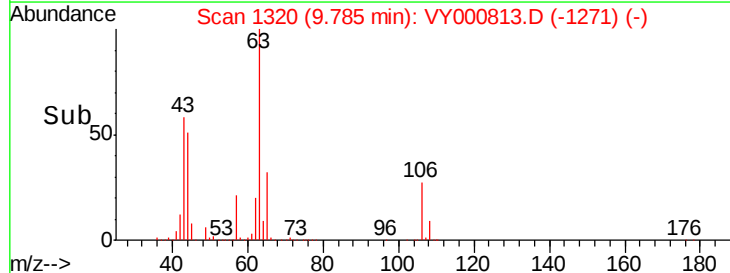
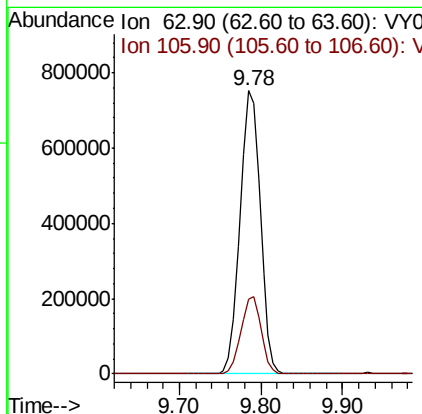
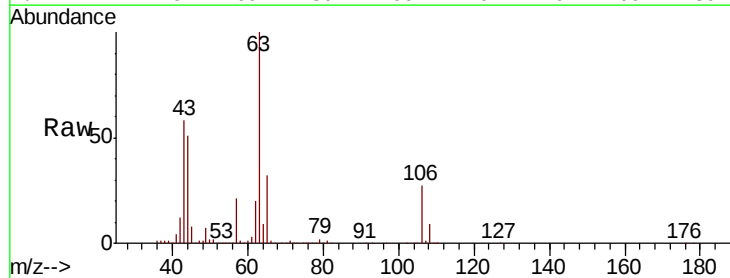
Manual Integrations
 APPROVED

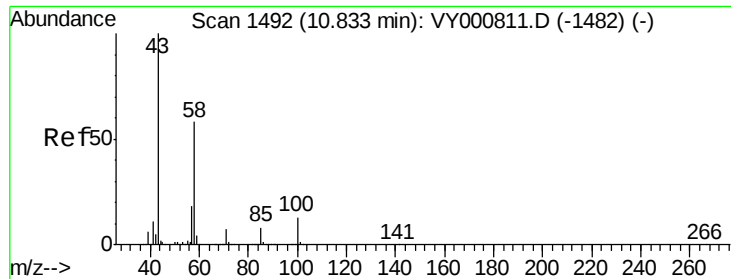
MMDadoda
 12/2/2019 11:37:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 624.316 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





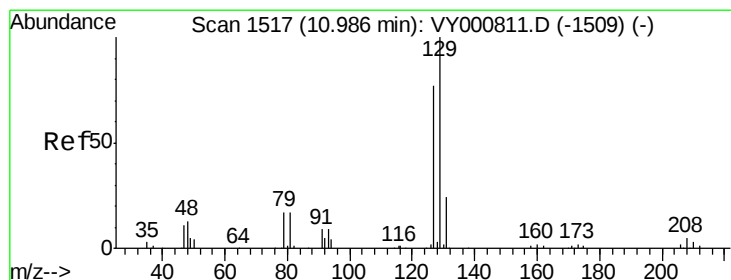
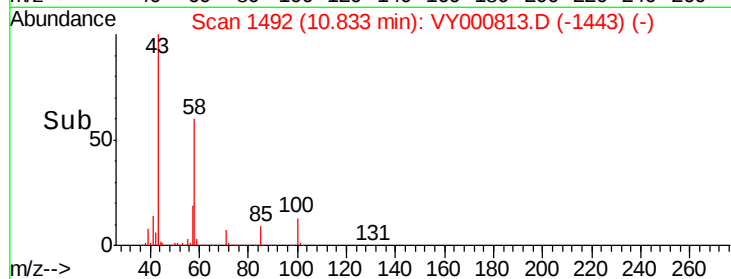
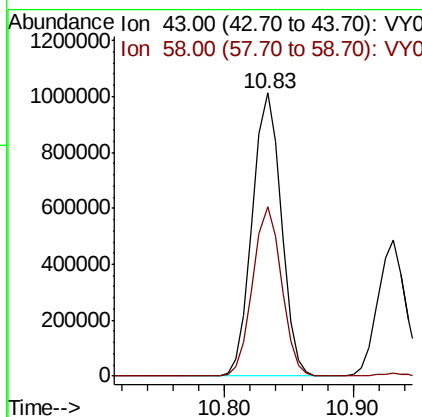
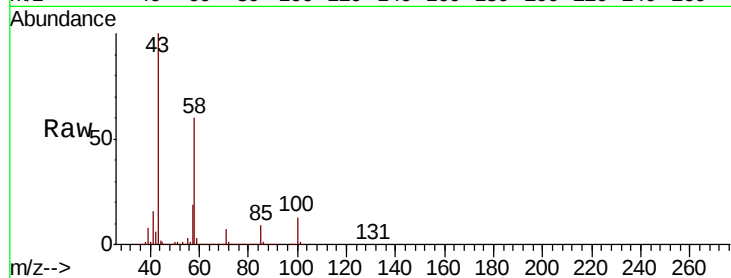
#59
2-Hexanone
Concen: 623.278 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1572232
Ion Ratio Lower Upper
43 100
58 59.2 29.0 87.1

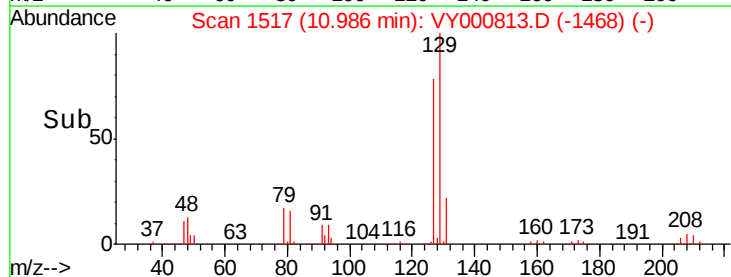
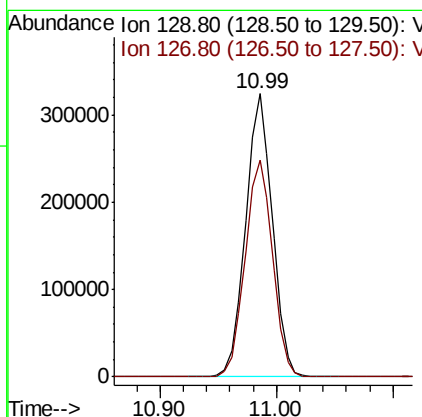
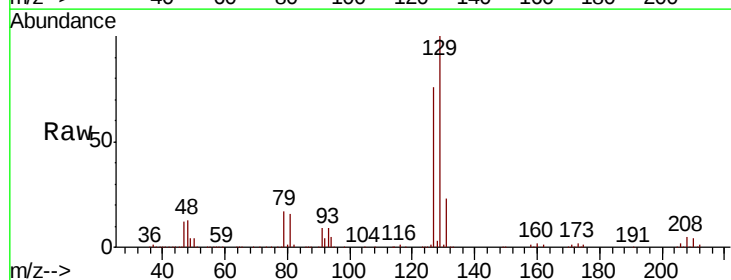
Manual Integrations
APPROVED

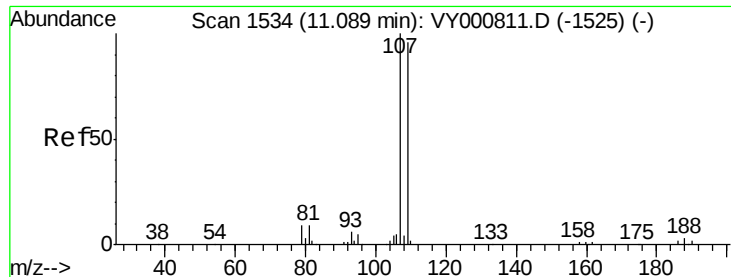
MMDadoda
12/2/2019 11:37:18 AM



#60
Dibromochloromethane
Concen: 137.589 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion: 129 Resp: 520190
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





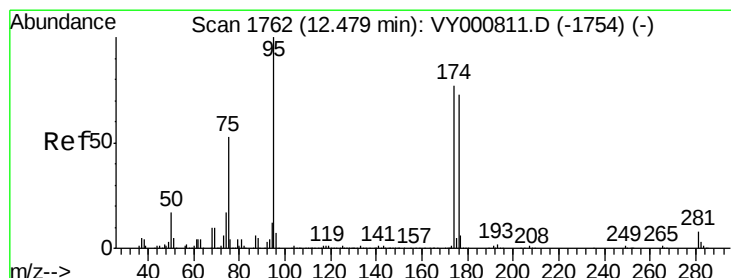
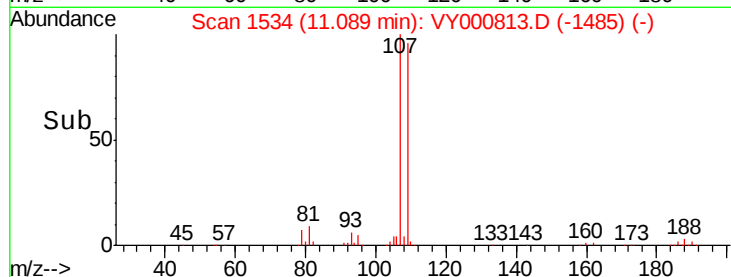
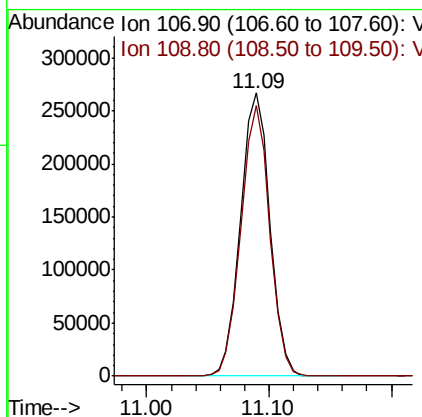
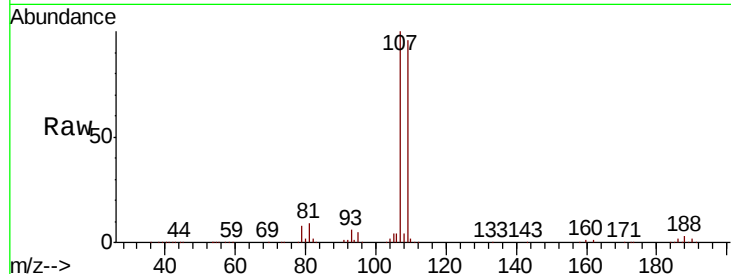
#61
 1,2-Dibromoethane
 Concen: 138.547 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.9	113.9

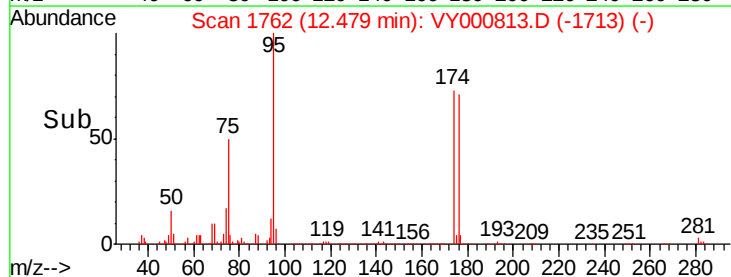
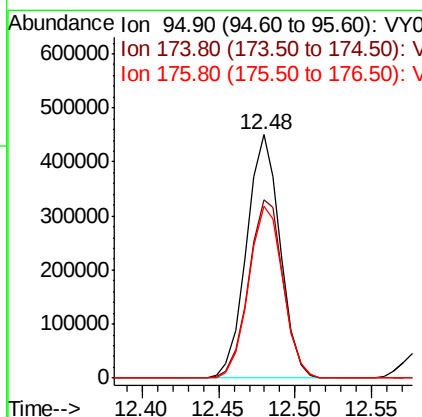
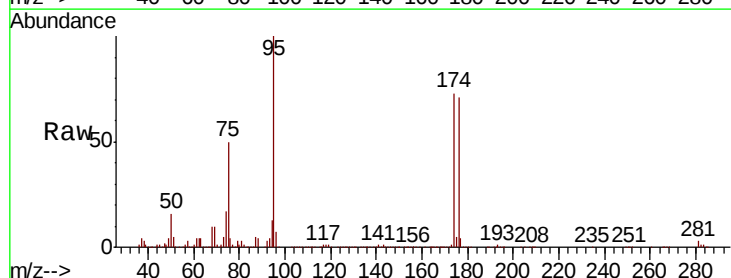
Manual Integrations
 APPROVED

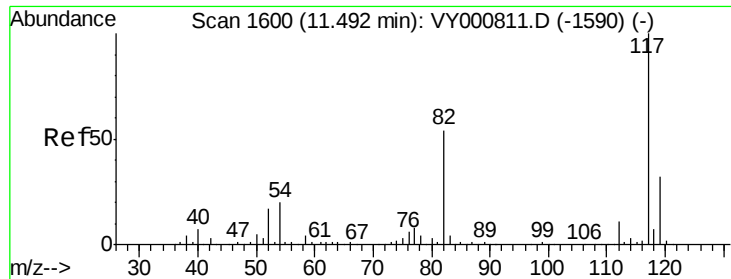
MMDadoda
 12/2/2019 11:37:18 AM



#62
 4-Bromofluorobenzene
 Concen: 134.919 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.6
176	72.5	0.0	145.2





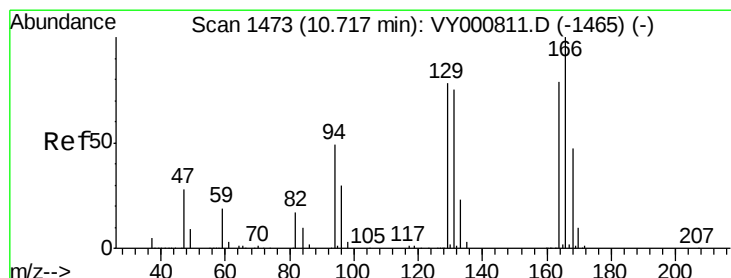
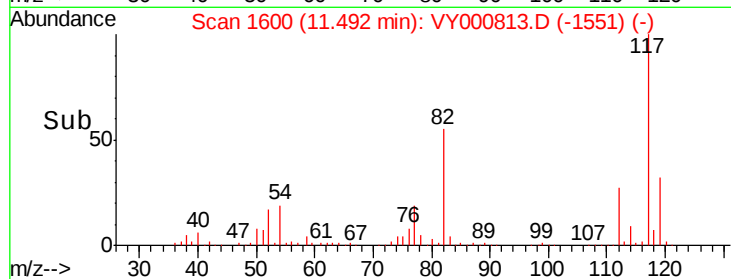
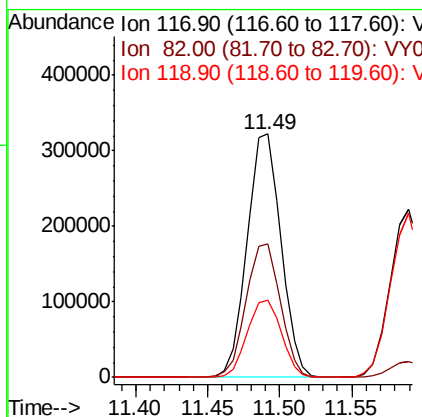
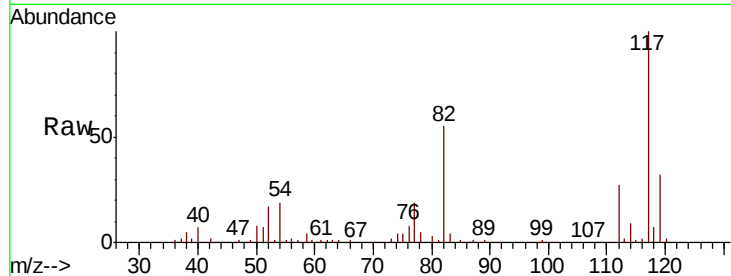
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.1	64.7
119	31.6	25.3	37.9

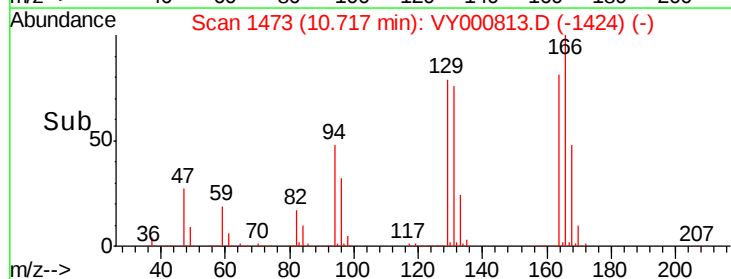
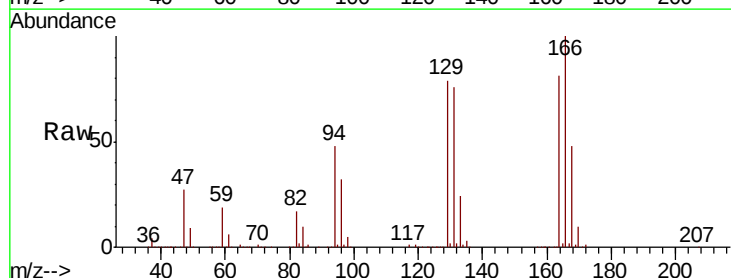
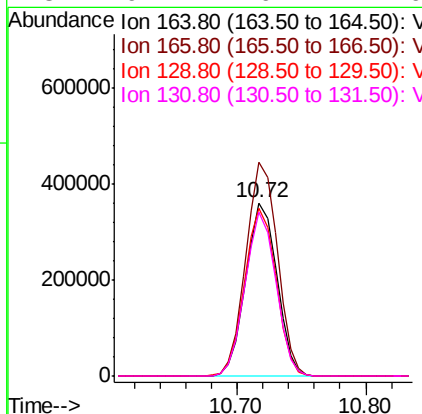
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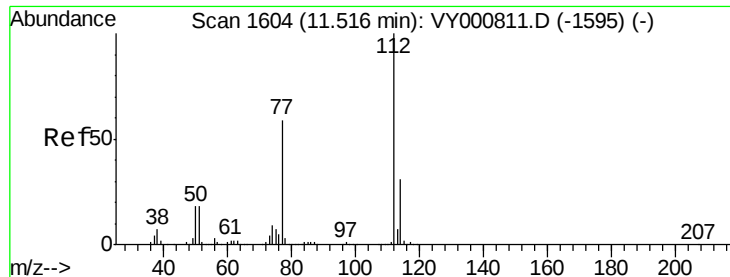
MMDadoda
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#64
Tetrachloroethene
Concen: 137.142 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	101.8	152.8
129	96.9	79.3	118.9
131	94.1	76.4	114.6





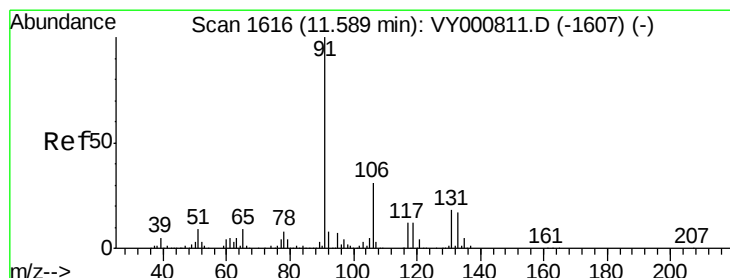
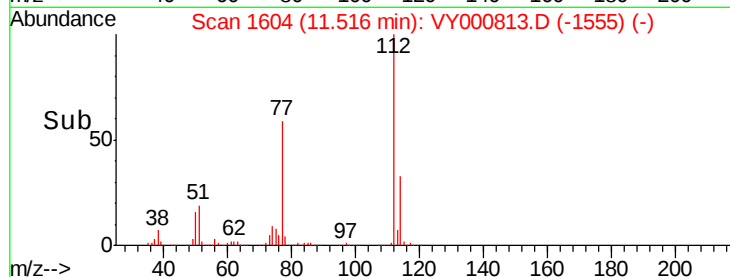
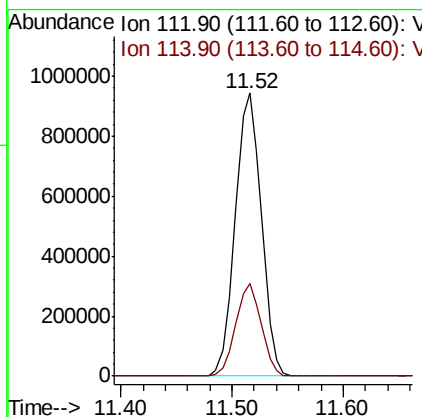
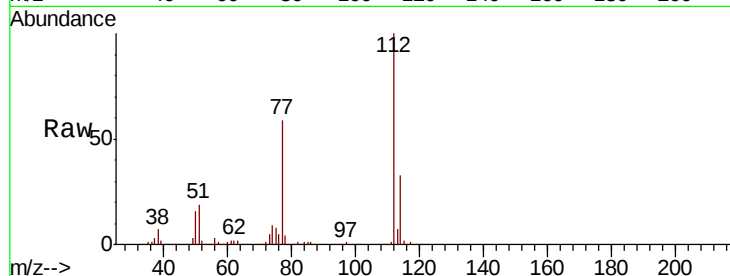
#65
Chlorobenzene
Concen: 141.787 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1527849
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7

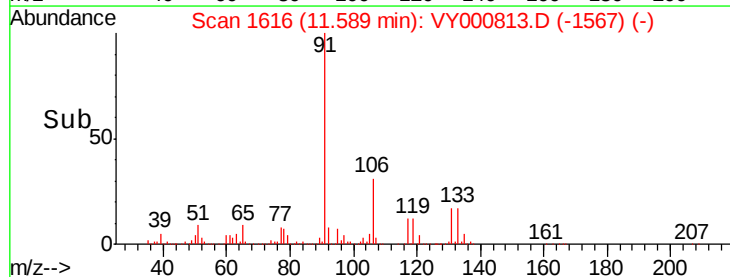
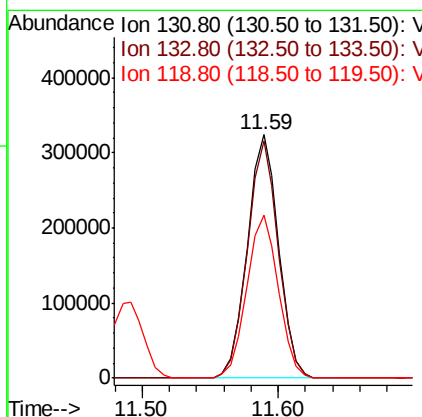
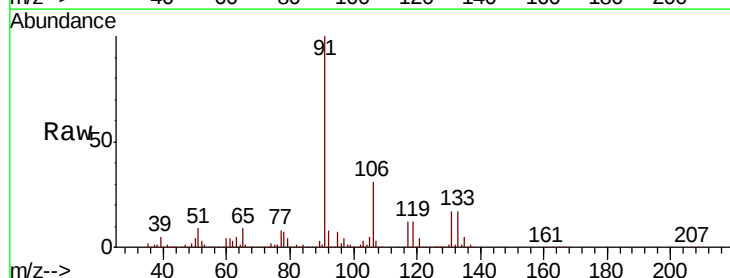
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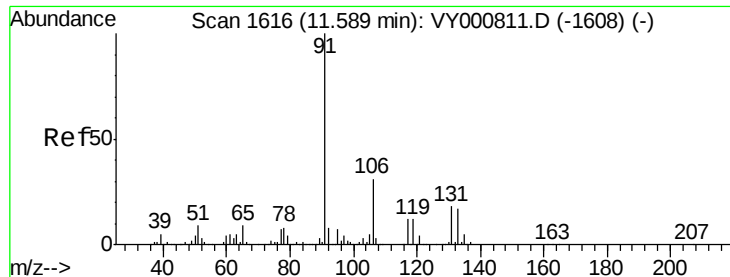
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 140.711 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion:131 Resp: 521661
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 67.9 33.8 101.3





#67

Ethyl Benzene

Concen: 144.730 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2862581

Ion Ratio Lower Upper

91 100

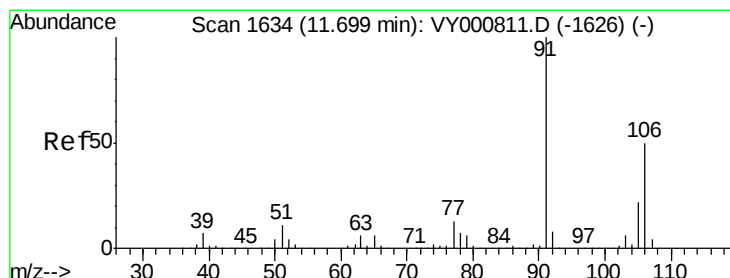
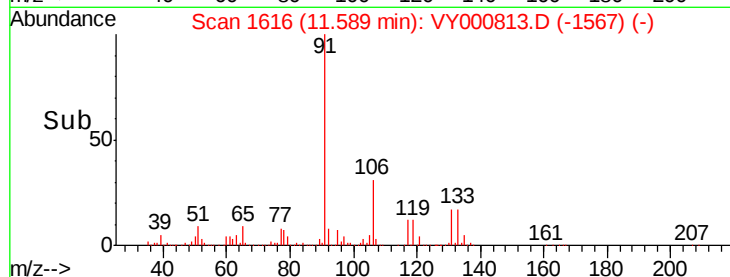
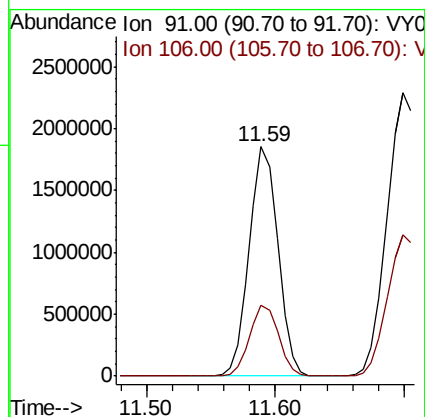
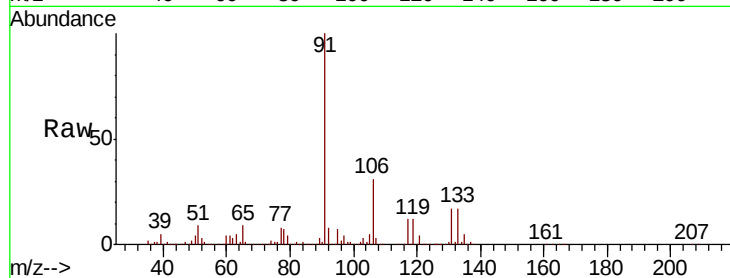
106 30.9 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 280.627 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000813.D

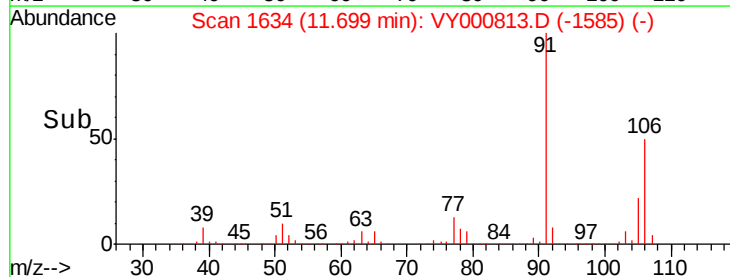
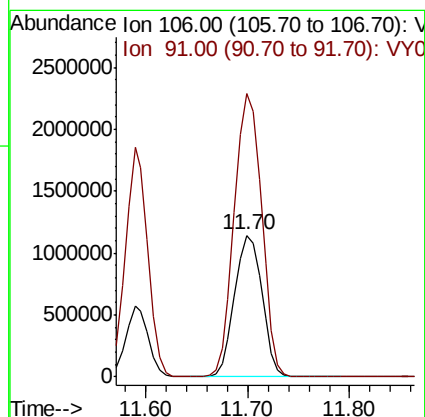
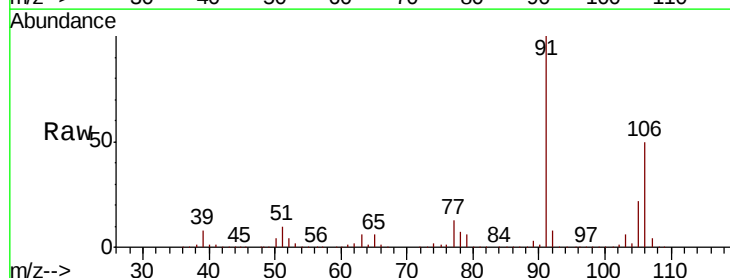
Acq: 27 Nov 2019 12:21

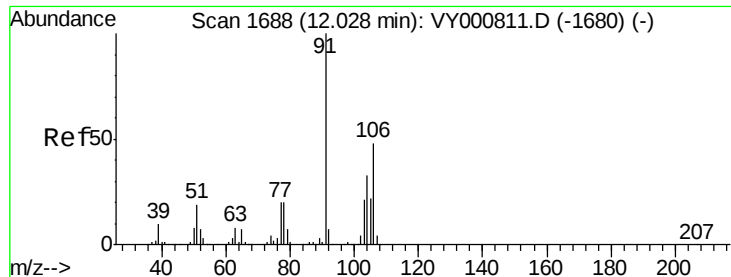
Tgt Ion: 106 Resp: 2133182

Ion Ratio Lower Upper

106 100

91 200.0 159.6 239.4





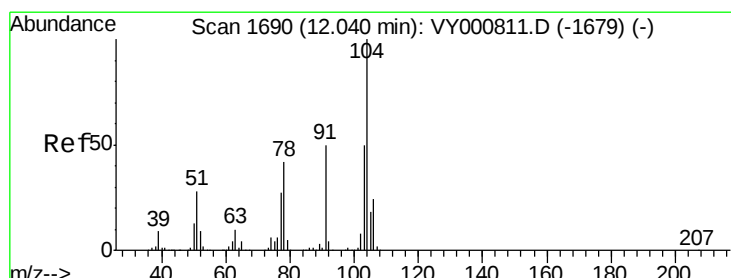
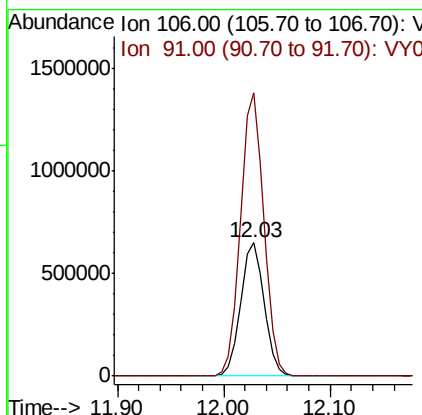
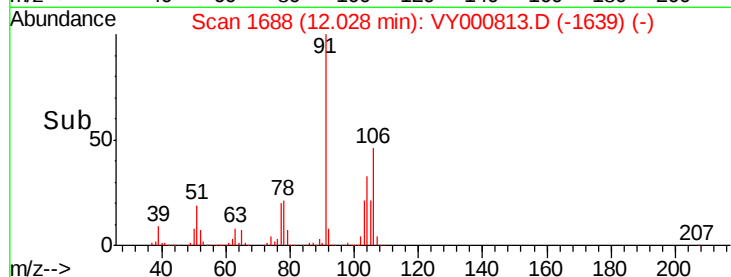
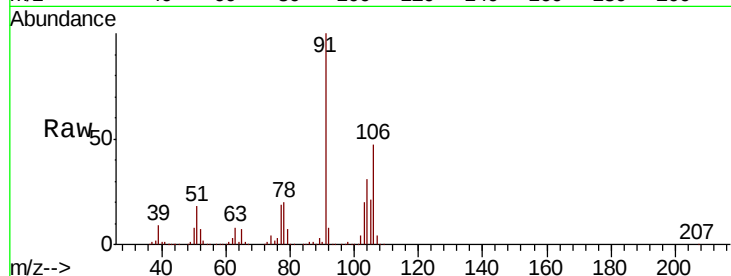
#69
o-Xylene
Concen: 140.058 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1005468
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.1

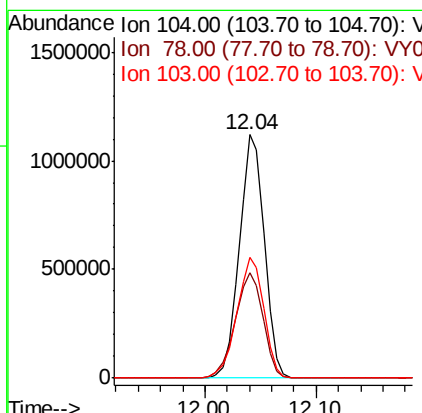
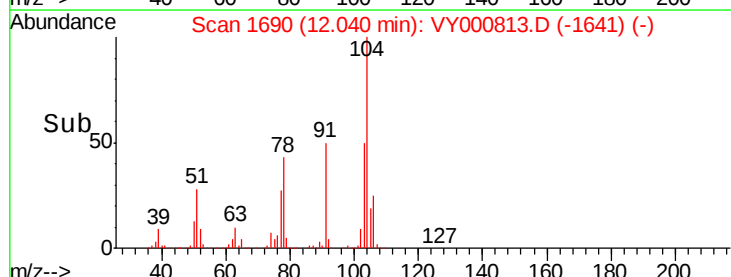
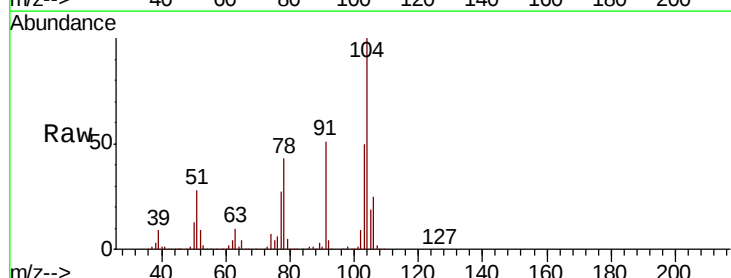
Manual Integrations
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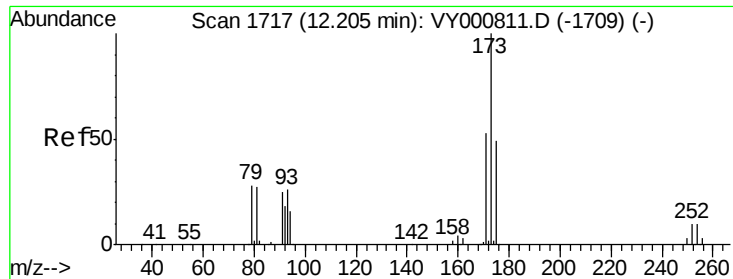
MMDadoda
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#70
Styrene
Concen: 141.531 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion:104 Resp: 1736105
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 53.5 43.4 65.0





#71

Bromoform

Concen: 141.754 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

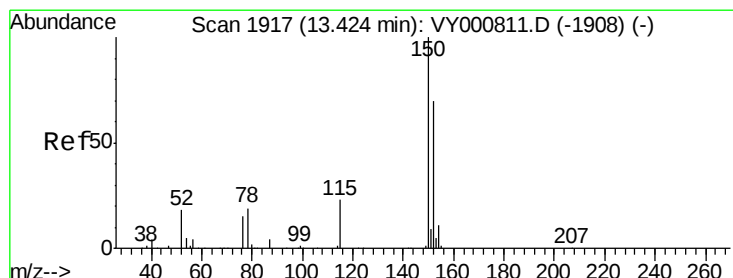
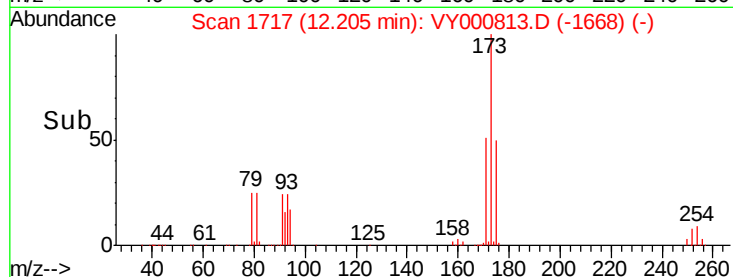
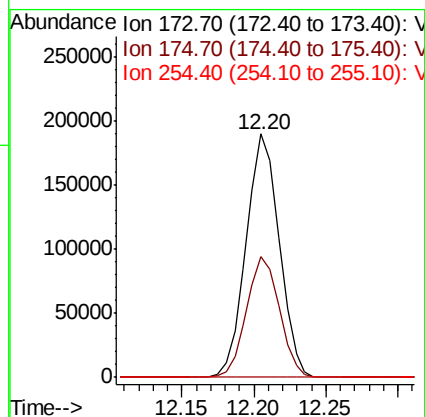
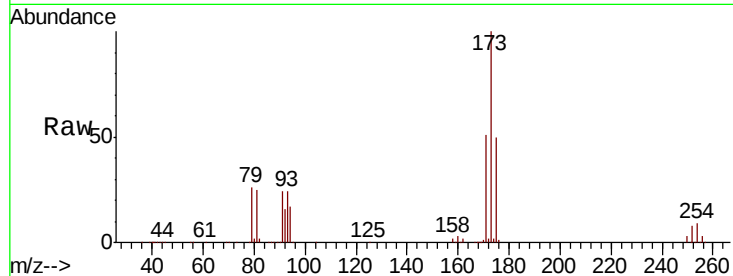
ClientSampleId :

VSTDIC150

Tot Ion:	173	Resp:	302610
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.5	73.5
254	0.1	0.0	0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

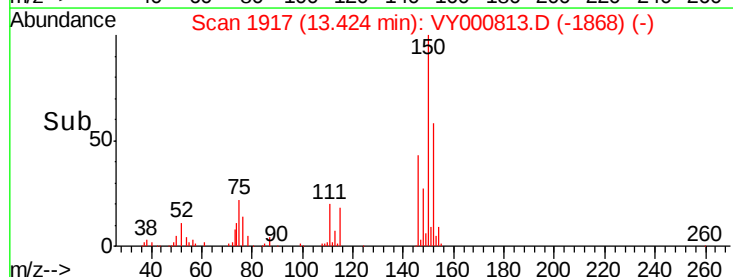
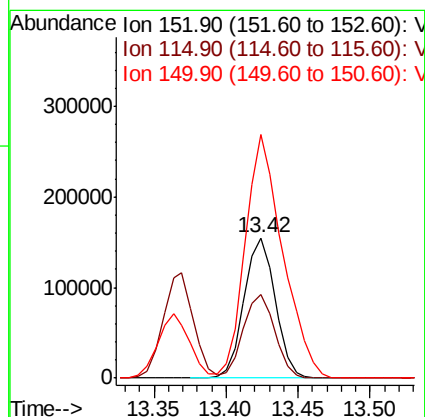
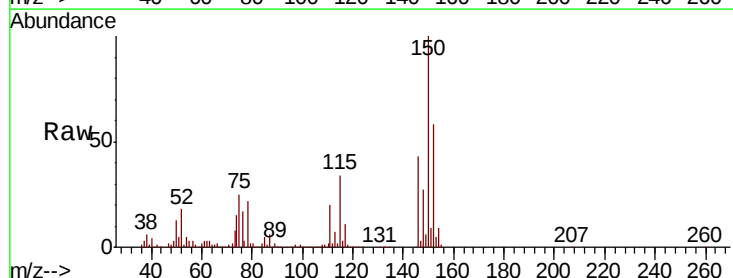
RT: 13.42 min Scan# 1917

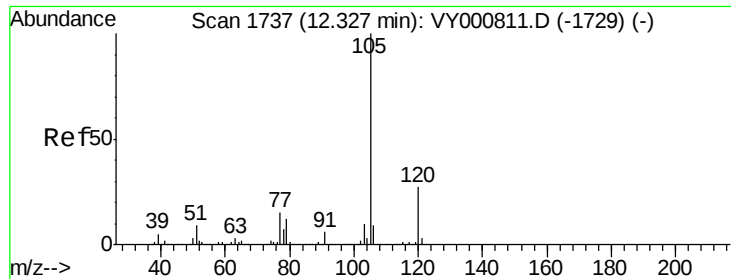
Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion:	152	Resp:	231798
Ion Ratio	Lower	Upper	
152	100		
115	60.4	29.3	87.8
150	207.9	0.0	351.2





#73

Isopropylbenzene

Concen: 155.321 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2711758

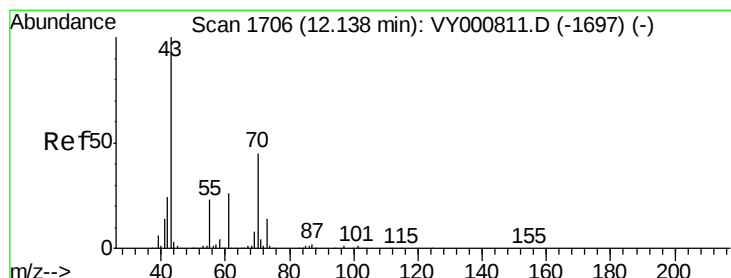
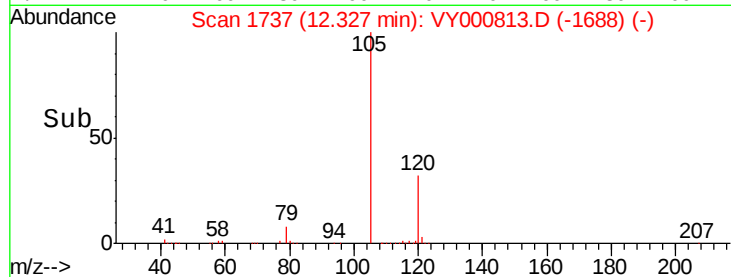
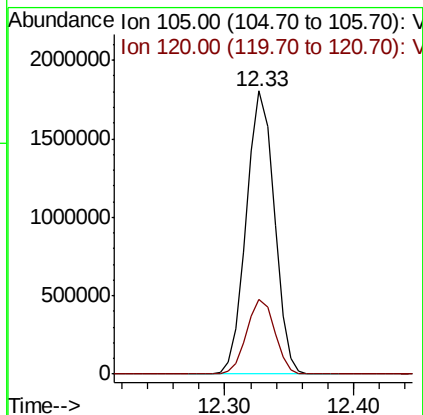
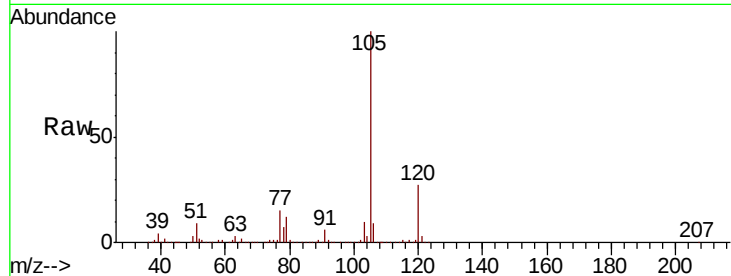
Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 143.215 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion: 43 Resp: 716388

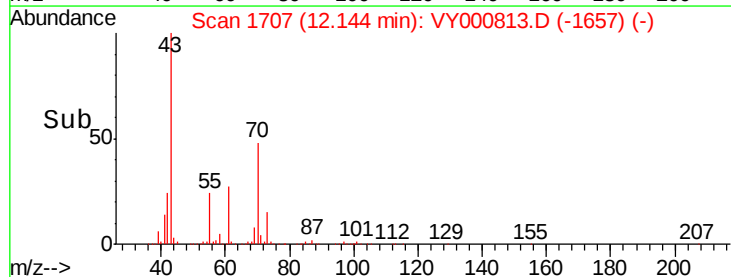
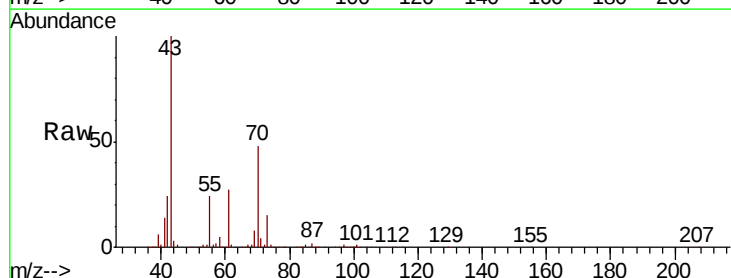
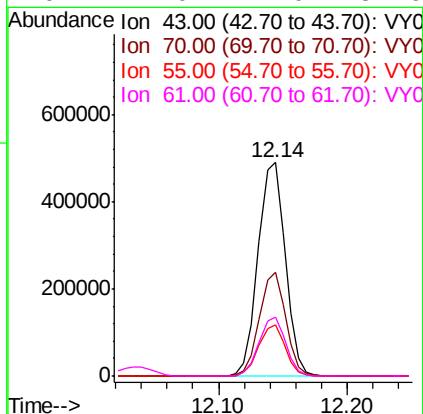
Ion Ratio Lower Upper

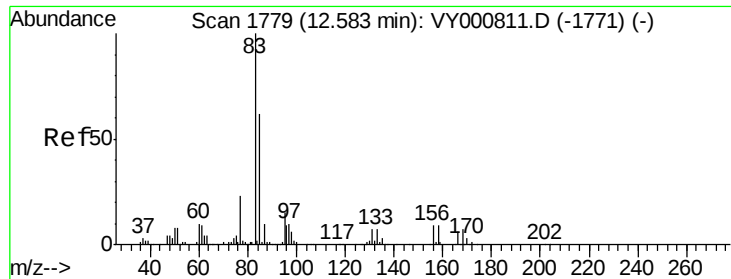
43 100

70 47.0 36.6 54.8

55 23.6 18.8 28.2

61 27.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 149.983 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

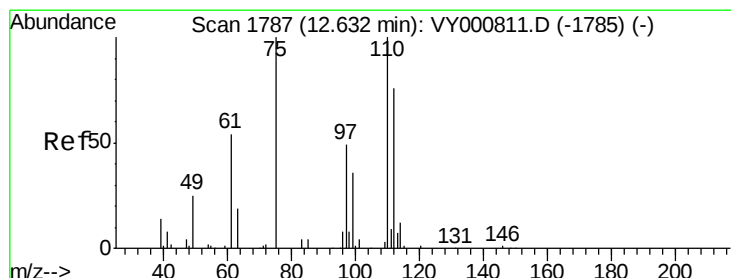
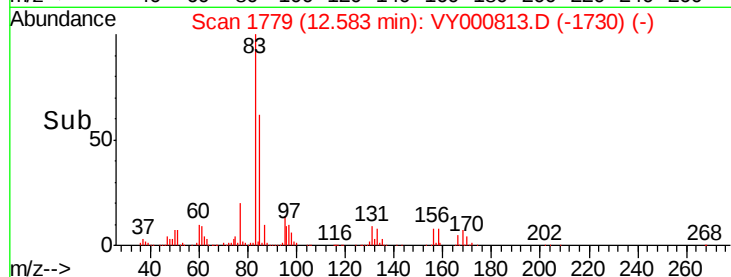
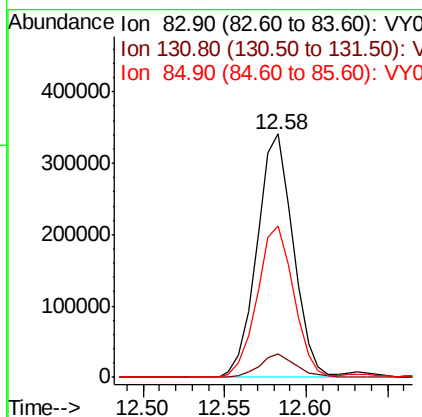
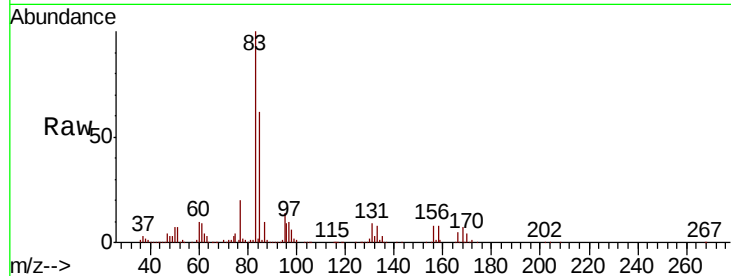
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	524587
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.3	13.1
85	62.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 140.670 ug/l m

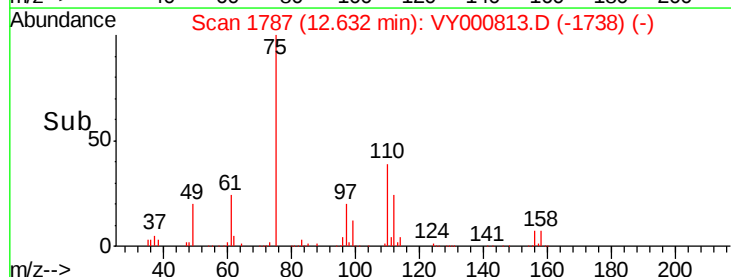
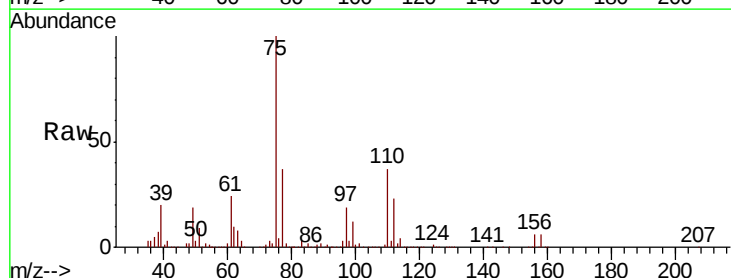
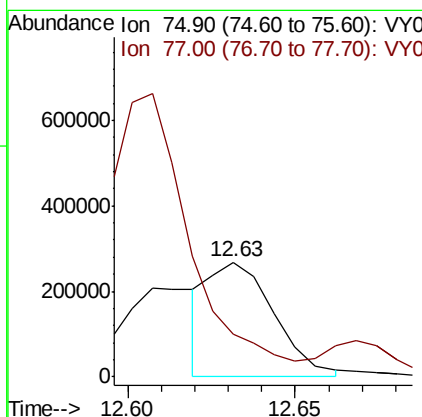
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000813.D

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Tgt Ion:	75	Resp:	366303
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





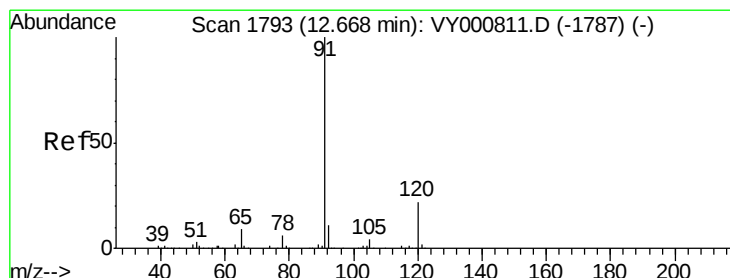
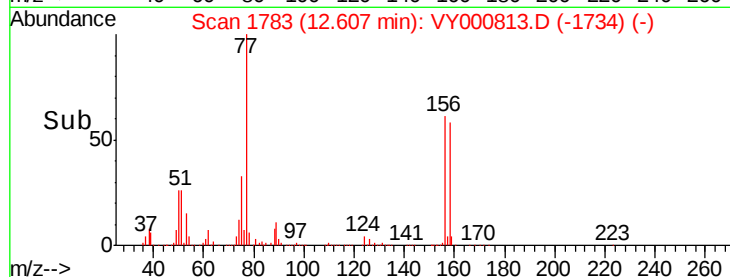
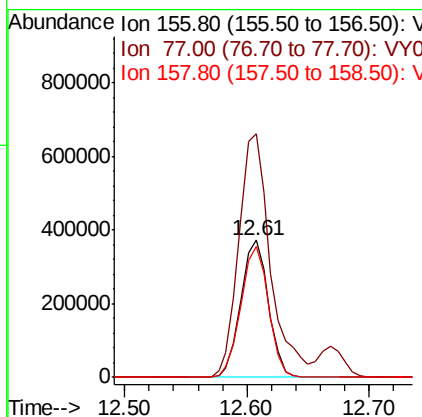
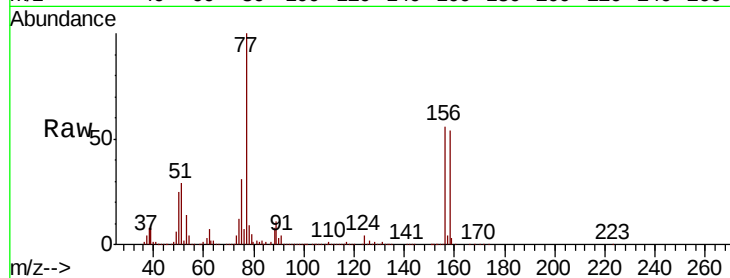
#77
Bromobenzene
Concen: 147.321 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	204.2	102.6	307.7	
158	95.8	47.6	142.8	

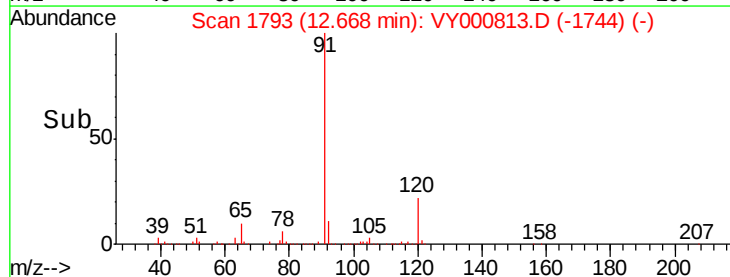
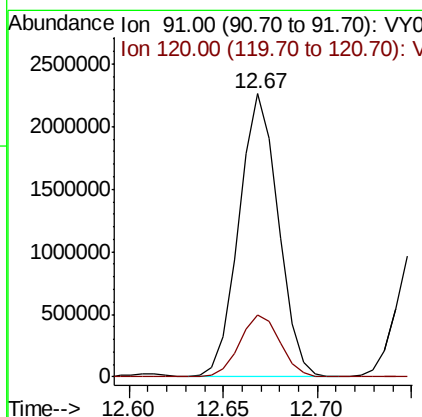
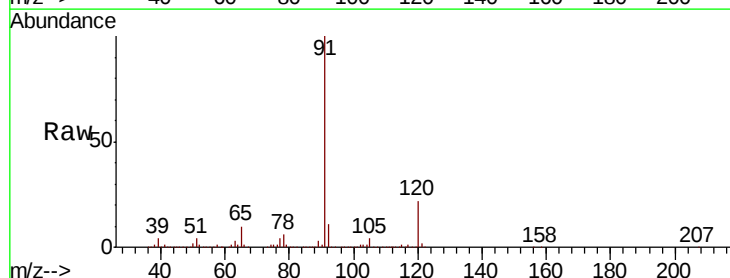
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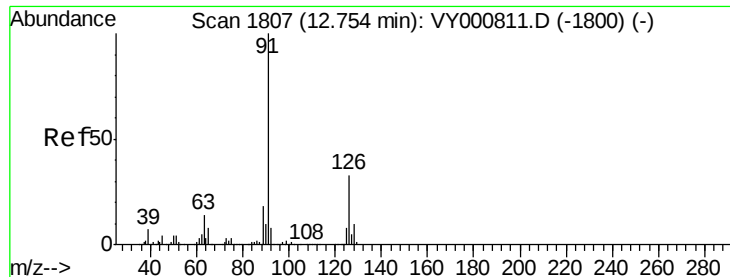
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#78
n-propylbenzene
Concen: 155.712 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.2	33.5	





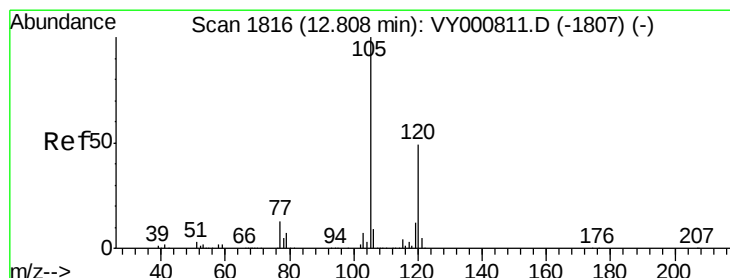
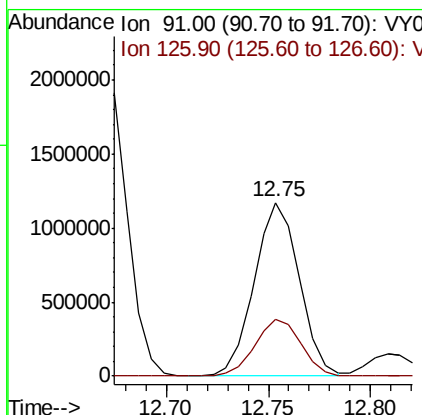
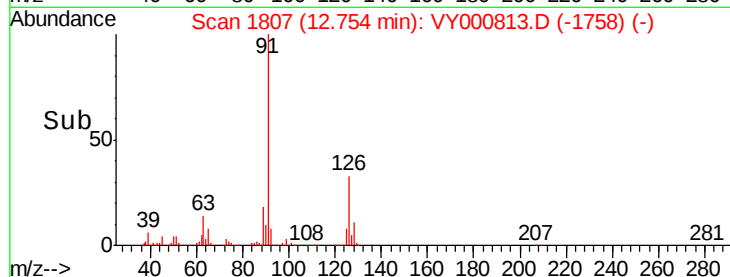
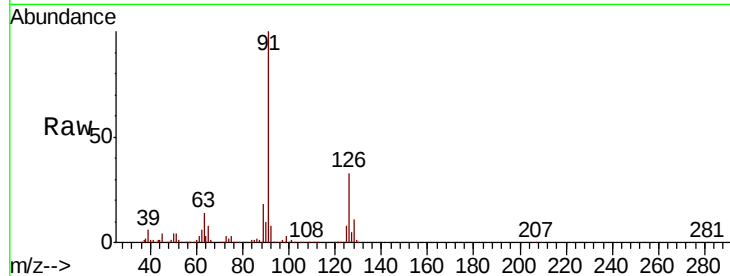
#79
 2-Chlorotoluene
 Concen: 153.729 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 1799867
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0

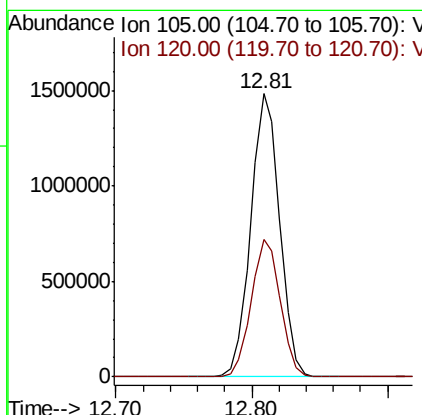
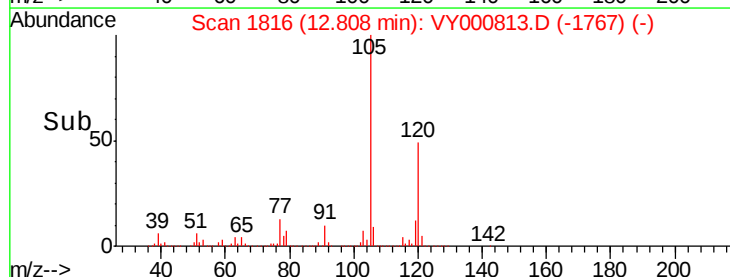
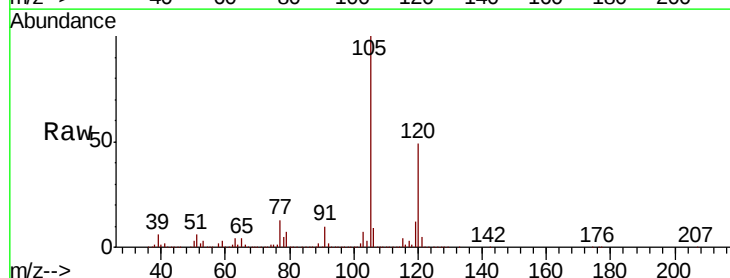
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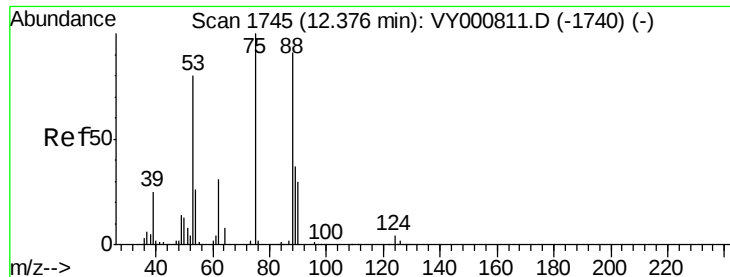
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#80
 1,3,5-Trimethylbenzene
 Concen: 152.072 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion: 105 Resp: 2204472
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 166.771 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

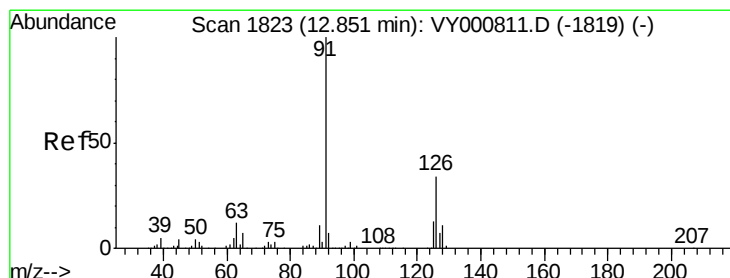
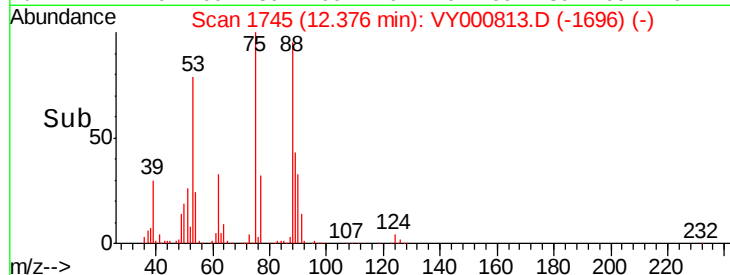
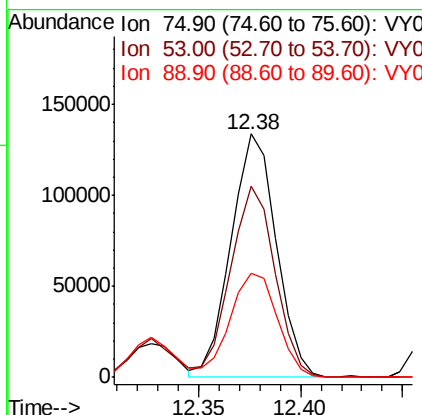
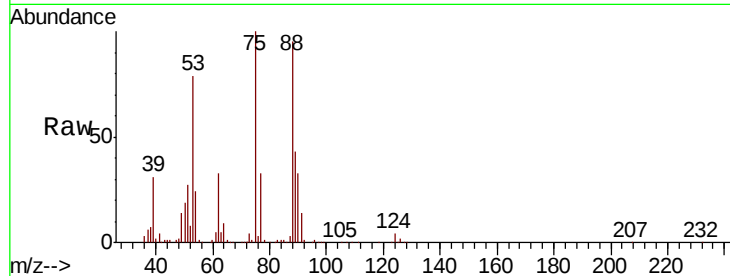
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	205259
Ion	Ratio	Lower	Upper
75	100		
53	78.3	64.6	96.8
89	44.8	33.6	50.4

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#82

4-Chlorotoluene

Concen: 153.628 ug/l

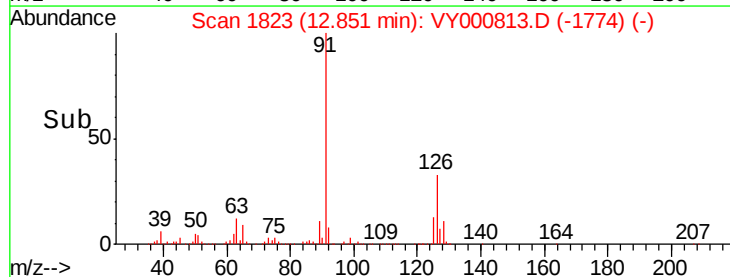
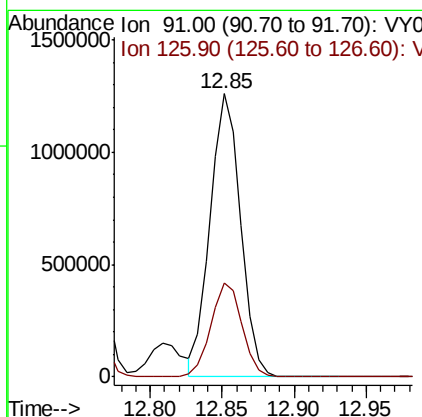
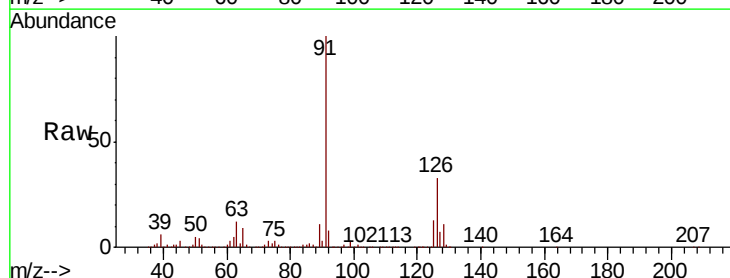
RT: 12.85 min Scan# 1823

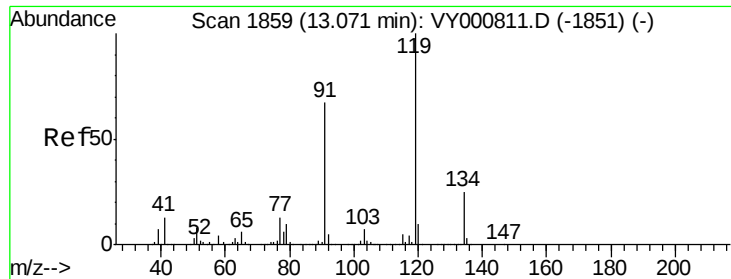
Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion:	91	Resp:	1856628
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	51.9





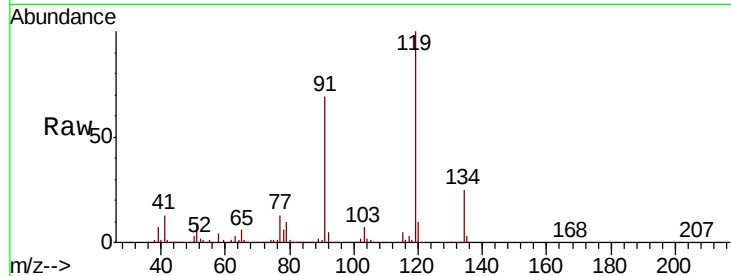
#83
tert-Butylbenzene
Concen: 152.098 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.3	96.8
134	25.5	12.9	38.7

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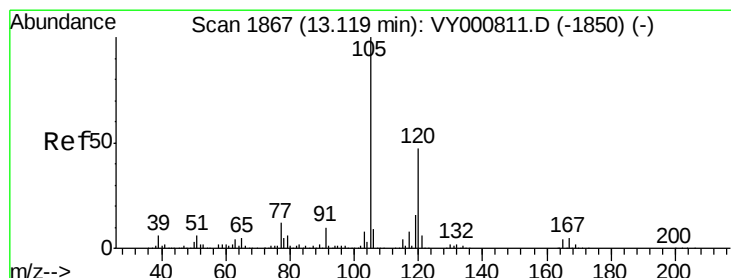
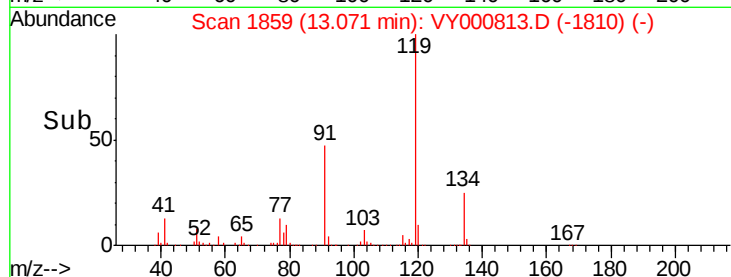
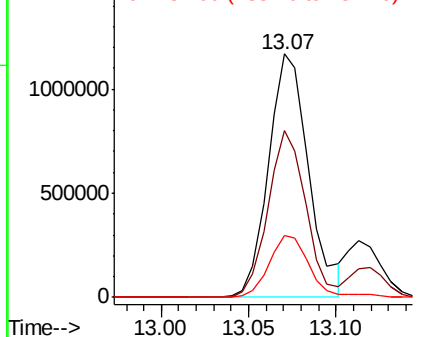


Abundance

Ion 119.00 (118.70 to 119.70): V

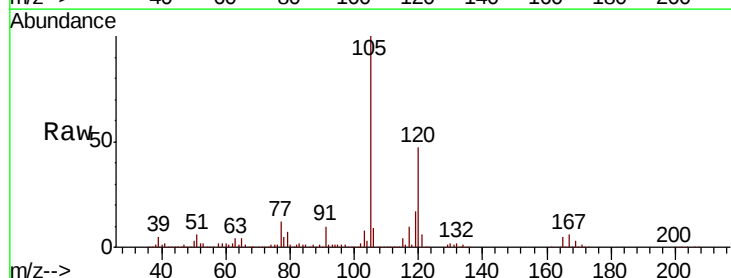
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 150.313 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

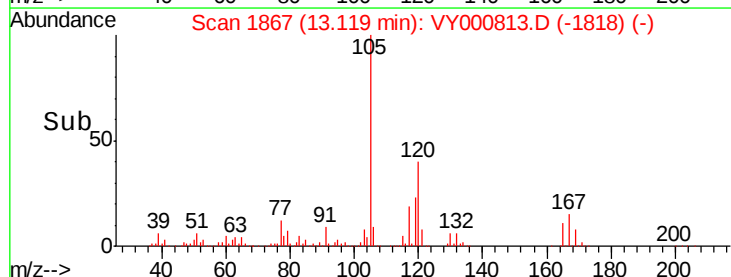
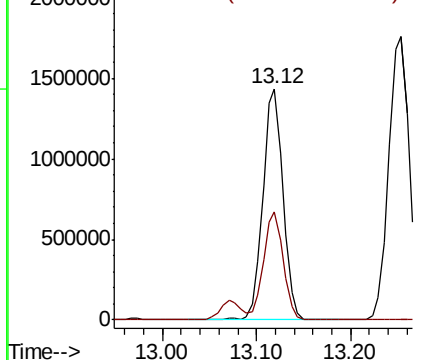
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.8

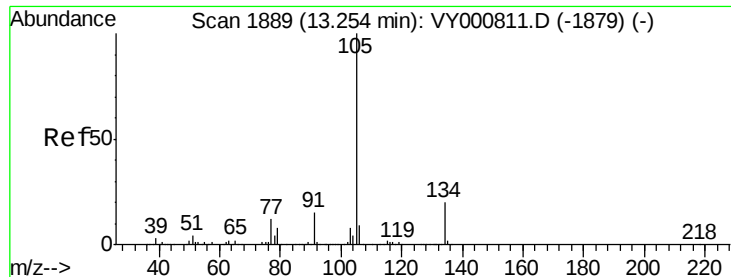


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 152.289 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2679122

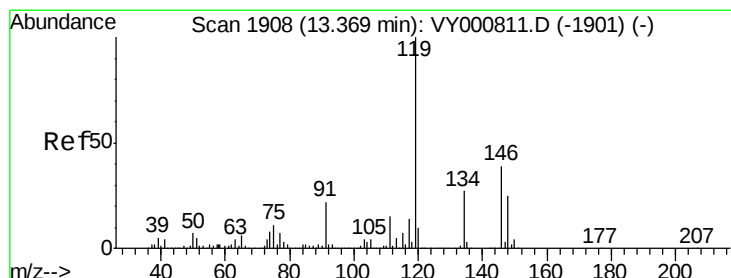
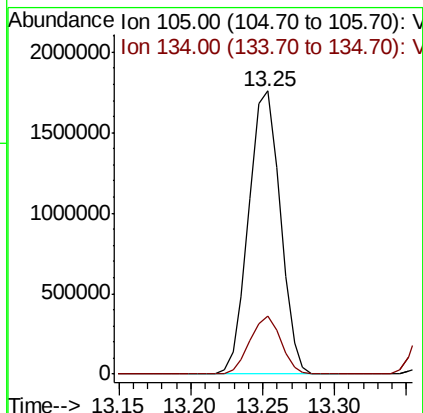
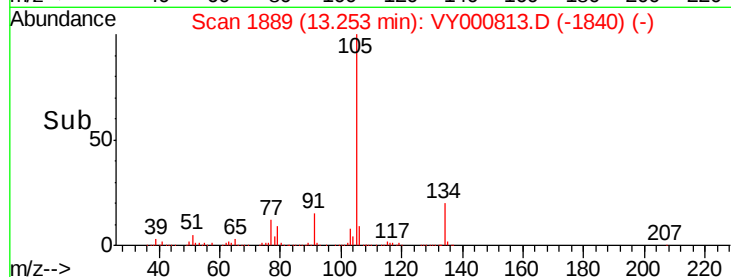
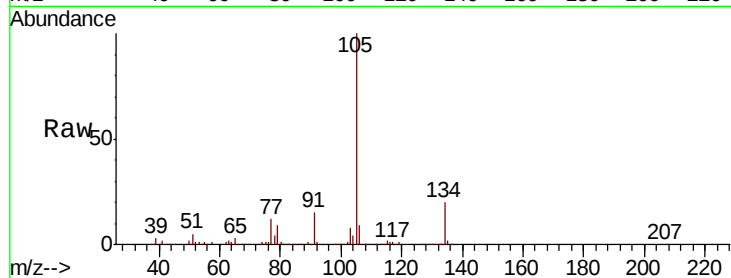
Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 147.032 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

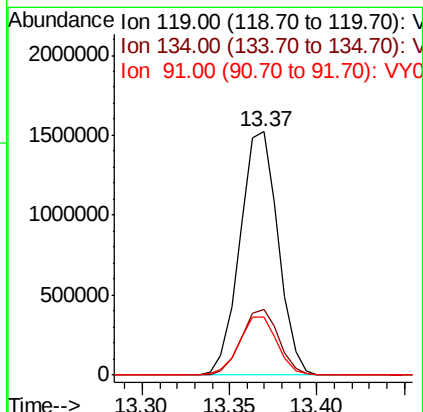
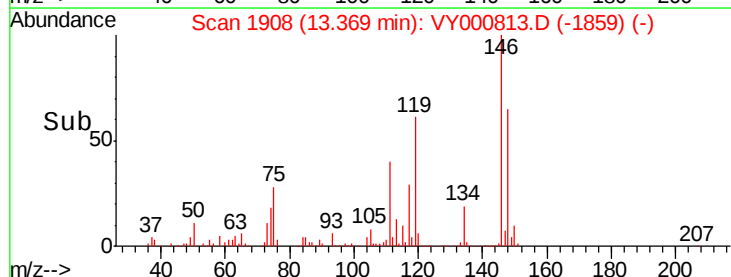
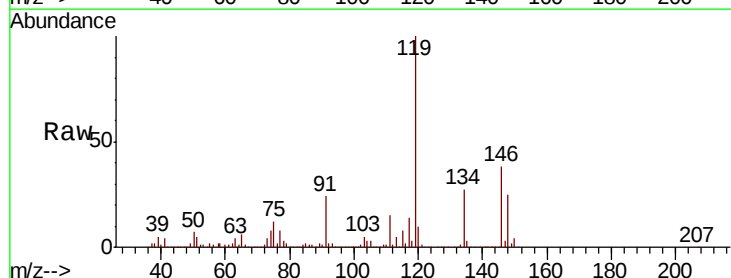
Tgt Ion:119 Resp: 2302070

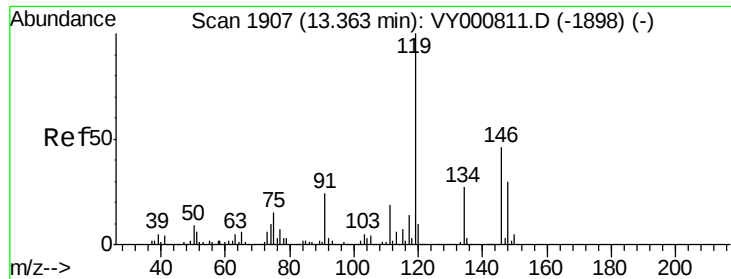
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 24.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 140.994 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

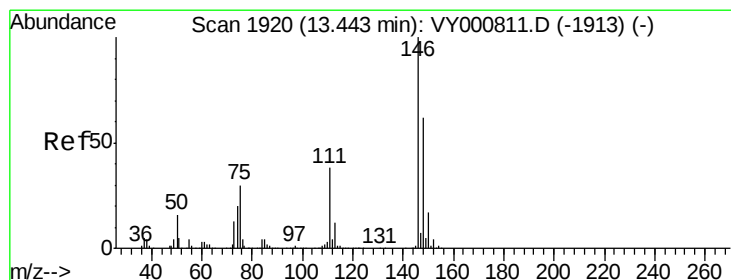
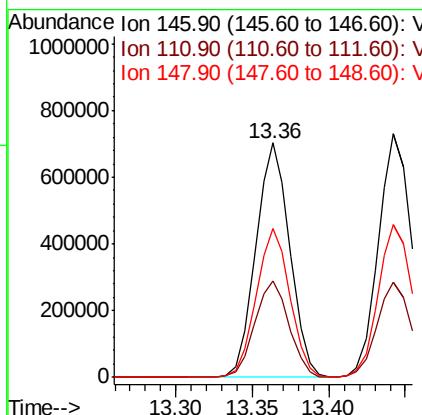
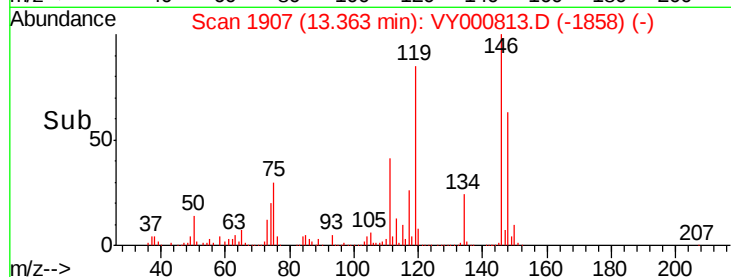
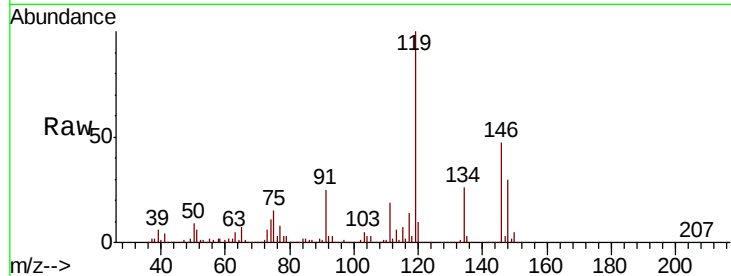
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	63.3	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 142.534 ug/l

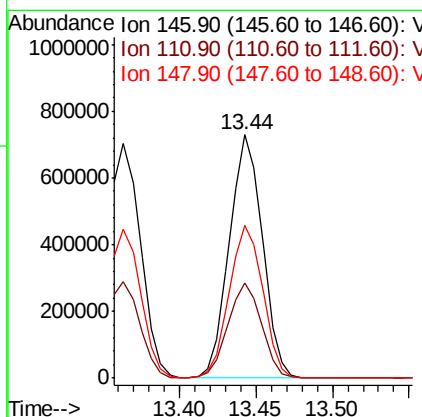
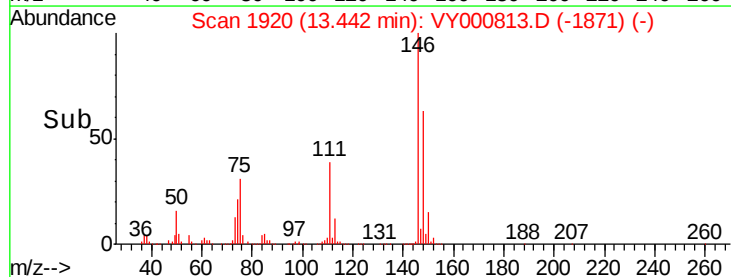
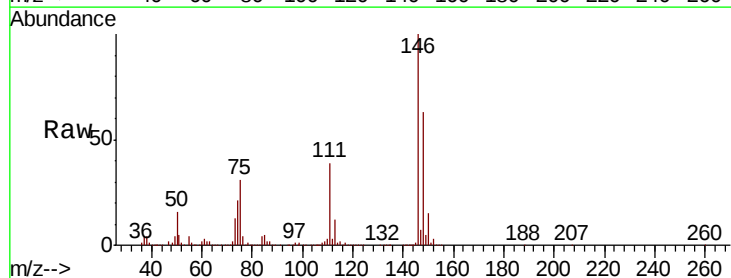
RT: 13.44 min Scan# 1920

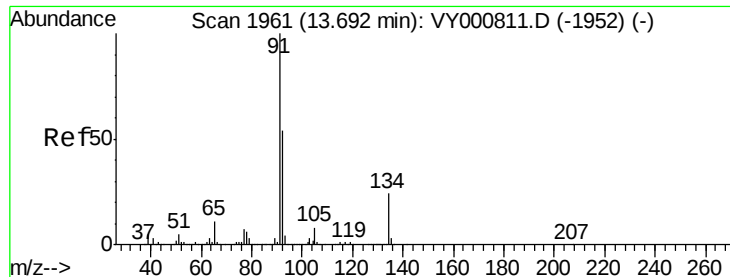
Delta R.T. -0.00 min

Lab File: VY000813.D

Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	63.6	31.7	95.1





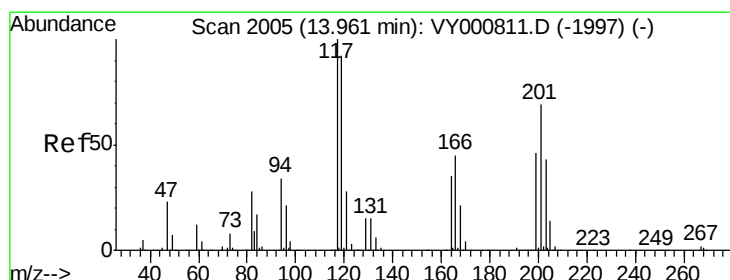
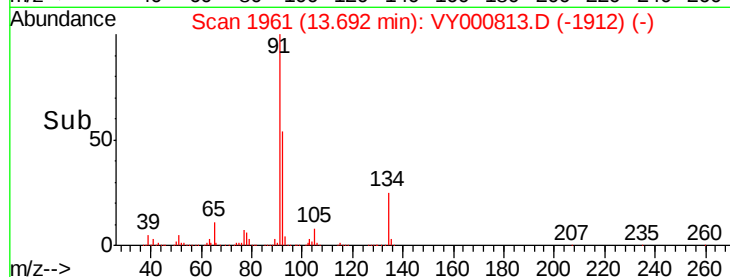
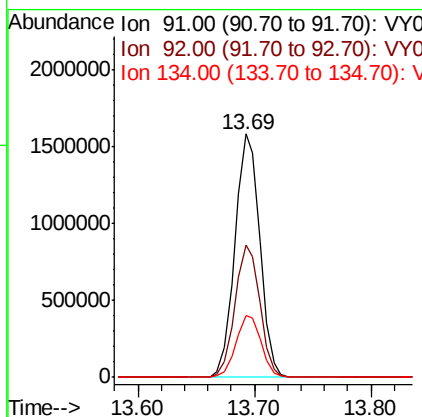
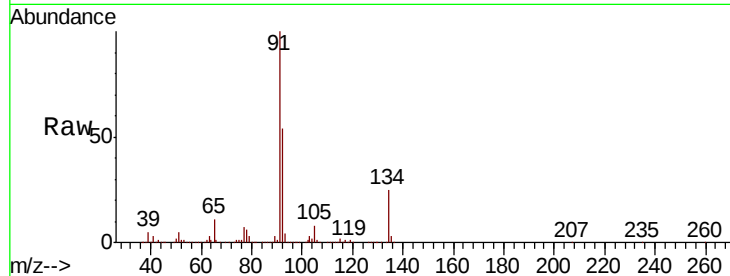
#89
n-Butylbenzene
Concen: 151.846 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	25.5	12.6	37.6

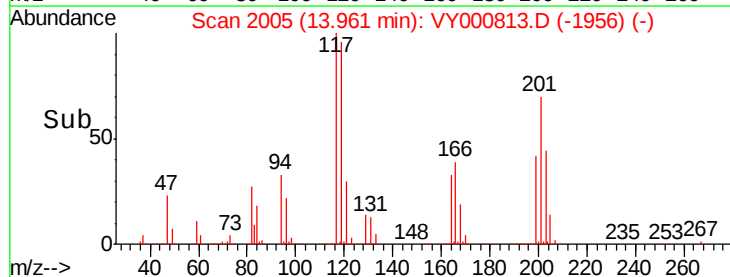
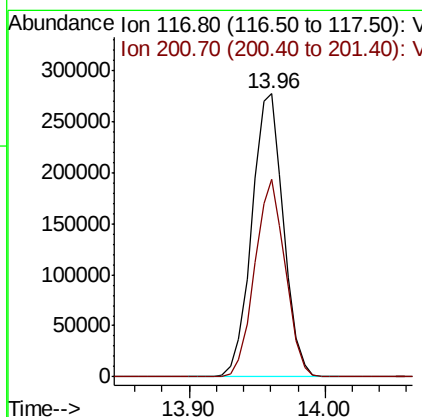
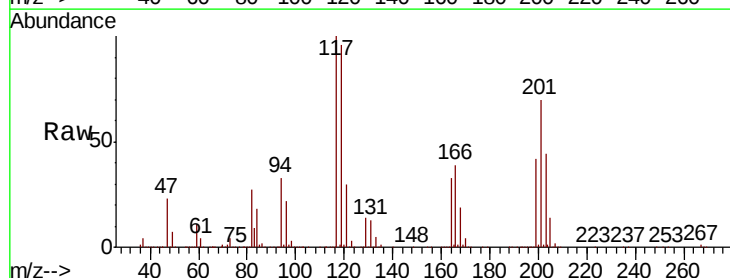
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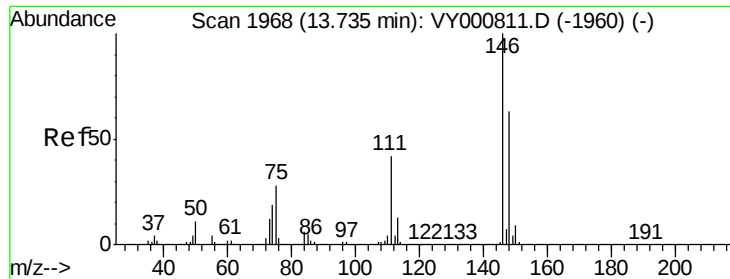
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#90
Hexachloroethane
Concen: 155.448 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	34.0	102.0





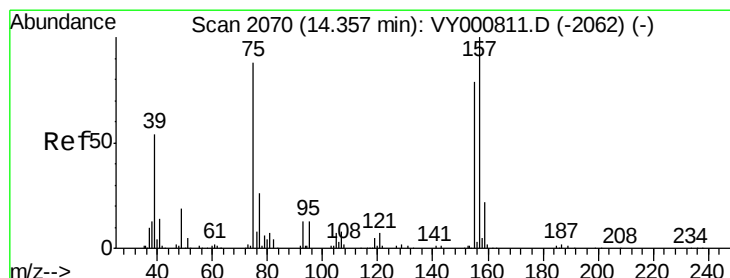
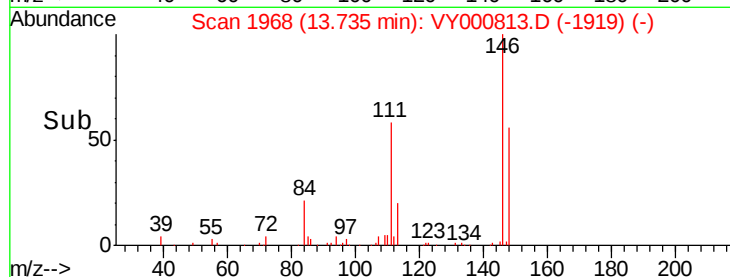
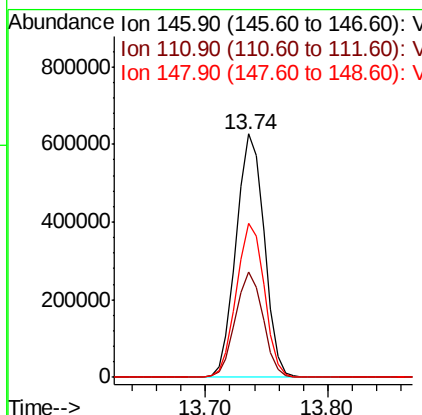
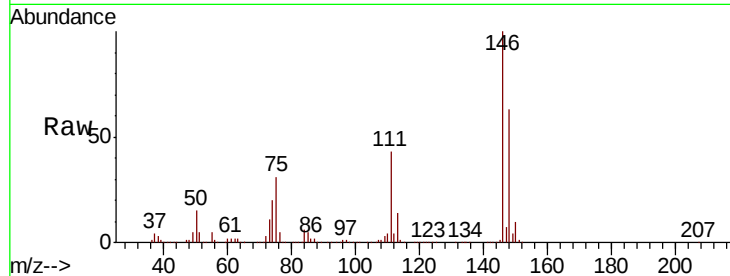
#91
 1,2-Dichlorobenzene
 Concen: 142.689 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.9	62.7
148	62.9	32.1	96.3

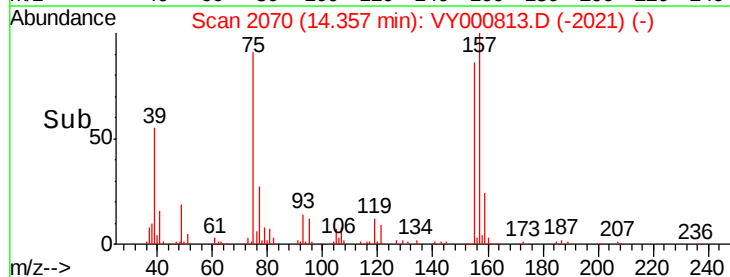
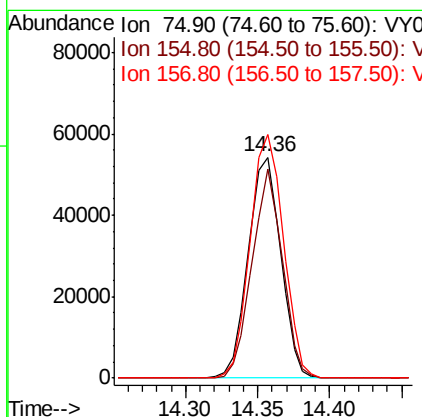
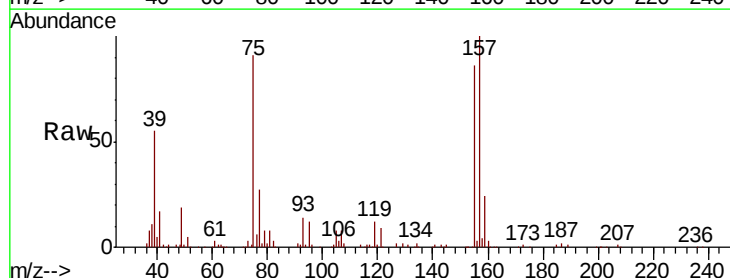
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 138.609 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	44.3	132.9
157	112.5	56.3	168.9





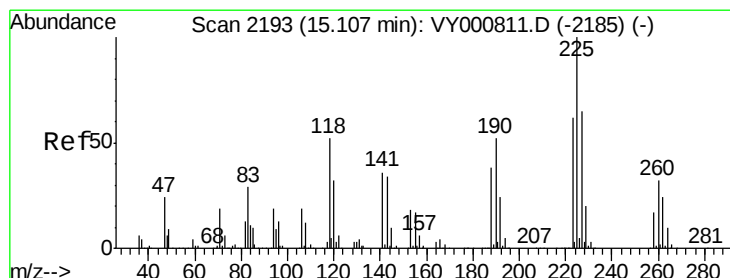
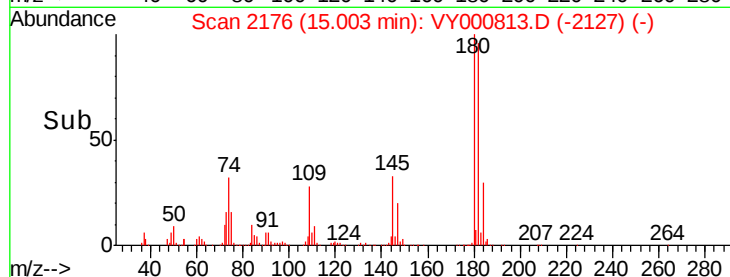
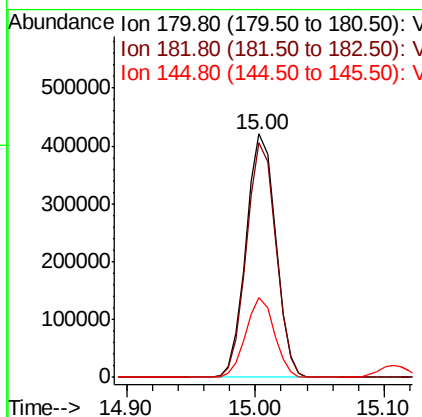
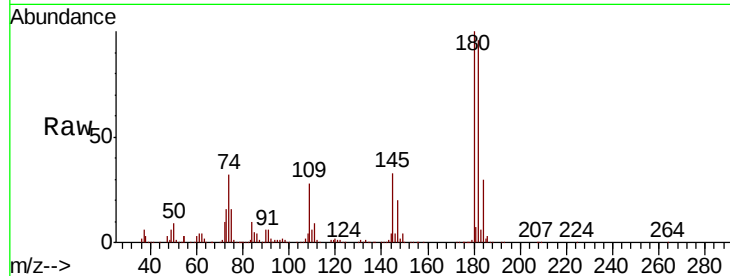
#93
 1,2,4-Trichlorobenzene
 Concen: 139.730 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	666453		
182	95.6	47.3	141.9	
145	31.5	16.0	47.9	

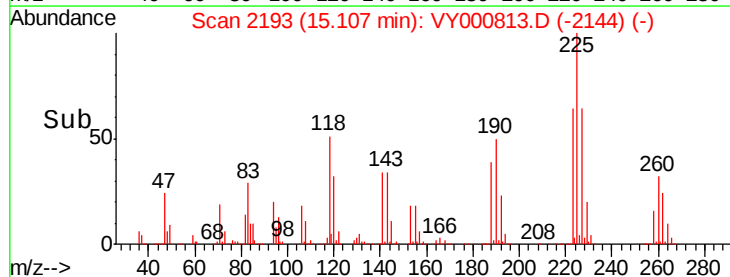
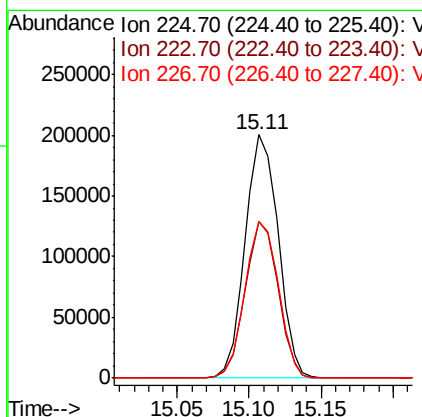
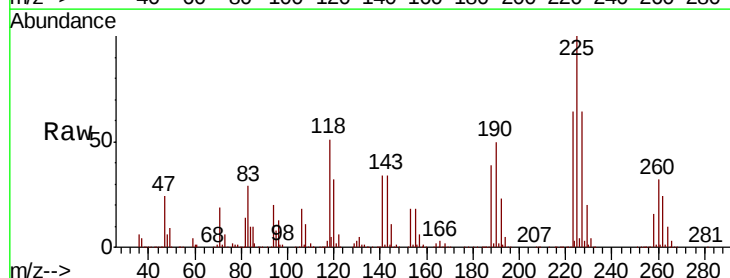
Manual Integrations
 APPROVED

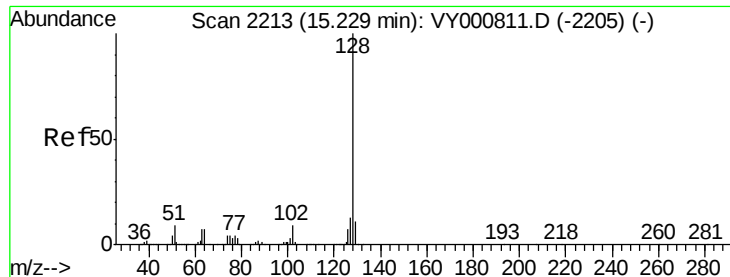
MMDadoda
 12/2/2019 11:37:18 AM



#94
 Hexachlorobutadiene
 Concen: 131.917 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000813.D
 Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	318487		
223	64.0	31.4	94.3	
227	65.1	31.8	95.3	





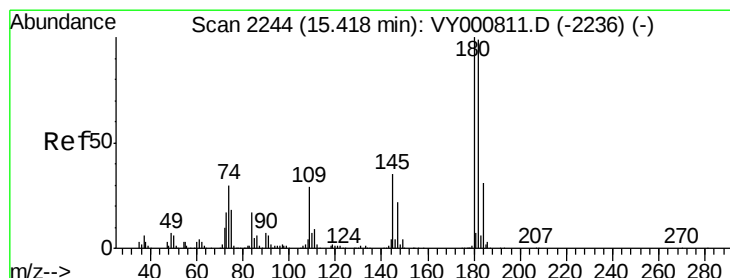
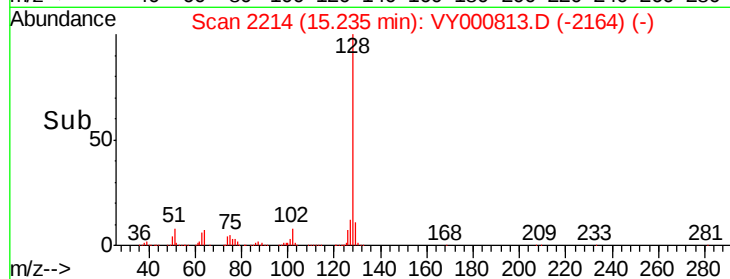
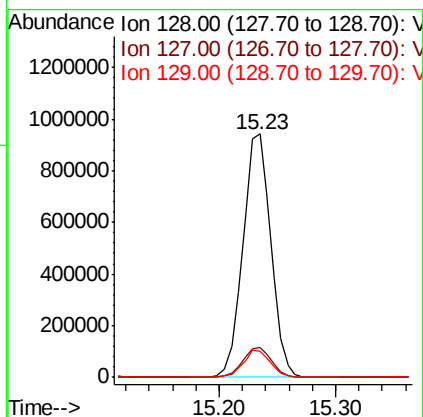
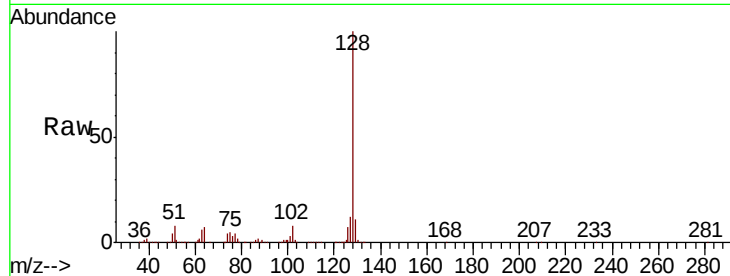
#95
Naphthalene
Concen: 147.297 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/2/2019 11:37:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 139.310 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000813.D
Acq: 27 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	33.2	16.9	50.6

