

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000812.D
 Acq On : 27 Nov 2019 12:00
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:22 AM

Quant Time: Nov 27 12:20:15 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	341956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	592429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	527168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	358247	102.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.90%	
35) Dibromofluoromethane	7.73	113	341662	99.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.60%	
50) Toluene-d8	10.18	98	1419812	108.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.58%	
62) 4-Bromofluorobenzene	12.48	95	485607	97.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	346187	101.919	ug/l	98
3) Chloromethane	2.12	50	417977	90.400	ug/l	98
4) Vinyl Chloride	2.25	62	417656	96.342	ug/l	98
5) Bromomethane	2.64	94	236243	89.942	ug/l	100
6) Chloroethane	2.79	64	253522	92.926	ug/l	96
7) Trichlorofluoromethane	3.13	101	591872	100.456	ug/l	96
8) Diethyl Ether	3.54	74	230493	108.730	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	369116	102.944	ug/l	100
10) Methyl Iodide	4.10	142	506070	119.184	ug/l	98
11) Tert butyl alcohol	4.97	59	185243	517.309	ug/l	99
12) 1,1-Dichloroethene	3.88	96	371421	107.506	ug/l	95
13) Acrolein	3.74	56	178403	576.134	ug/l	99
14) Allyl chloride	4.49	41	636243	110.672	ug/l	98
15) Acrylonitrile	5.18	53	613216	559.850	ug/l	98
16) Acetone	3.96	43	401954	427.756	ug/l	100
17) Carbon Disulfide	4.20	76	1224950	110.779	ug/l	99
18) Methyl Acetate	4.49	43	352927	111.896	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	1029867	105.882	ug/l	100
20) Methylene Chloride	4.72	84	411462	96.277	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	414341	105.091	ug/l	98
22) Diisopropyl ether	6.13	45	1274308	102.846	ug/l	95
23) Vinyl Acetate	6.07	43	4090669	522.895	ug/l	98
24) 1,1-Dichloroethane	6.04	63	721709	107.187	ug/l	99
25) 2-Butanone	7.00	43	785282	497.056	ug/l	99
26) 2,2-Dichloropropane	6.99	77	593341	97.956	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	457112	105.899	ug/l	100
28) Bromochloromethane	7.35	49	292163	112.759	ug/l	99
29) Tetrahydrofuran	7.36	42	528775	538.595	ug/l	100
30) Chloroform	7.52	83	697730	103.485	ug/l	99
31) Cyclohexane	7.79	56	725001	102.947	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	601702	101.205	ug/l	97
36) 1,1-Dichloropropene	7.93	75	576413	101.439	ug/l	99
37) Ethyl Acetate	7.09	43	344806	101.297	ug/l	100
38) Carbon Tetrachloride	7.91	117	518397	96.186	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	775443	105.638	ug/l	99
40) Benzene	8.17	78	1696229	101.737	ug/l	98
41) Methacrylonitrile	7.33	41	180028m	96.001	ug/l	
42) 1,2-Dichloroethane	8.25	62	443905	95.090	ug/l	100
43) Isopropyl Acetate	8.28	43	654982	102.529	ug/l	99
44) Trichloroethene	8.94	130	433583	98.987	ug/l	94
45) 1,2-Dichloropropane	9.22	63	427605	103.499	ug/l	94
46) Dibromomethane	9.31	93	224437	99.557	ug/l	98
47) Bromodichloromethane	9.50	83	533346	100.321	ug/l	99
48) Methyl methacrylate	9.30	41	285449	101.375	ug/l	95
49) 1,4-Dioxane	9.30	88	64177	2077.877	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	1709655	506.525	ug/l	100
52) Toluene	10.25	92	1054592	100.265	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	597898	104.959	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	691684	105.581	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	338686	103.658	ug/l	98
56) Ethyl methacrylate	10.51	69	515965	110.781	ug/l	98
57) 1,3-Dichloropropane	10.79	76	585589	102.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	935952	463.332	ug/l	100
59) 2-Hexanone	10.83	43	1265835	512.208	ug/l	100
60) Dibromochloromethane	10.99	129	377458	101.905	ug/l	98
61) 1,2-Dibromoethane	11.09	107	320856	102.400	ug/l	100
64) Tetrachloroethene	10.72	164	425319	96.476	ug/l	98
65) Chlorobenzene	11.52	112	1082110	100.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	370646	99.606	ug/l	99
67) Ethyl Benzene	11.59	91	1997332	100.609	ug/l	99
68) m/p-Xylenes	11.70	106	1496147	196.093	ug/l	100
69) o-Xylene	12.03	106	709329	98.440	ug/l	98
70) Styrene	12.04	104	1228027	99.740	ug/l	99
71) Bromoform	12.20	173	224546	104.796	ug/l	# 99
73) Isopropylbenzene	12.33	105	1904526	105.390	ug/l	100
74) N-amyl acetate	12.14	43	553541	106.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	391330	108.094	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	282581m	104.843	ug/l	
77) Bromobenzene	12.61	156	415435	101.672	ug/l	99
78) n-propylbenzene	12.67	91	2301051	105.374	ug/l	100
79) 2-Chlorotoluene	12.75	91	1264708	104.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1547187	103.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	155698	122.218	ug/l	98
82) 4-Chlorotoluene	12.85	91	1308552	104.609	ug/l	99
83) tert-Butylbenzene	13.07	119	1318990	103.067	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1535994	102.951	ug/l	99
85) sec-Butylbenzene	13.25	105	1900576	104.375	ug/l	99
86) p-Isopropyltoluene	13.36	119	1641514	101.292	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	778956	97.991	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	784861	98.715	ug/l	100
89) n-Butylbenzene	13.69	91	1666754	103.905	ug/l	99
90) Hexachloroethane	13.95	117	317852	105.715	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	725541	100.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	64069	100.975	ug/l	99

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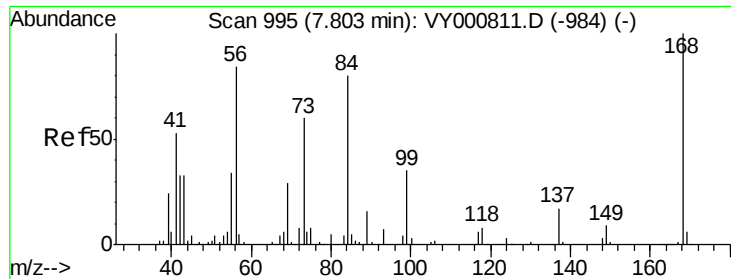
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	485044	98.251	ug/l	99
94) Hexachlorobutadiene	15.11	225	228841	91.575	ug/l	99
95) Naphthalene	15.23	128	1197025	108.129	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	435457	99.081	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 341956

Ion Ratio Lower Upper

168 100

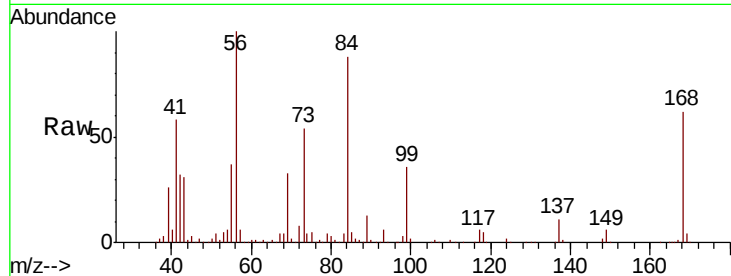
99 57.7 45.0 67.6

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) (-)

7.80

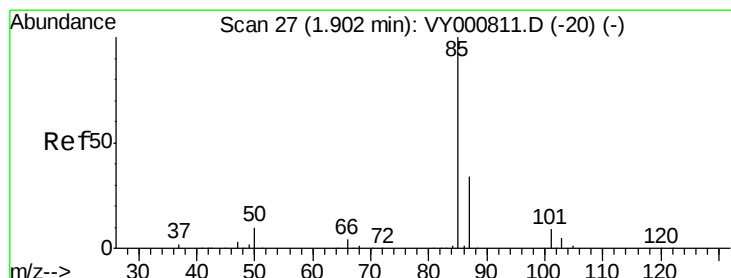
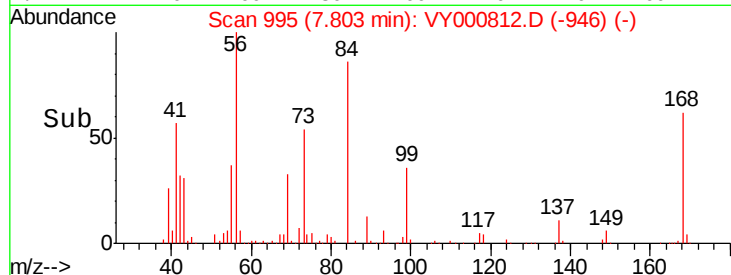
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 101.919 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000812.D

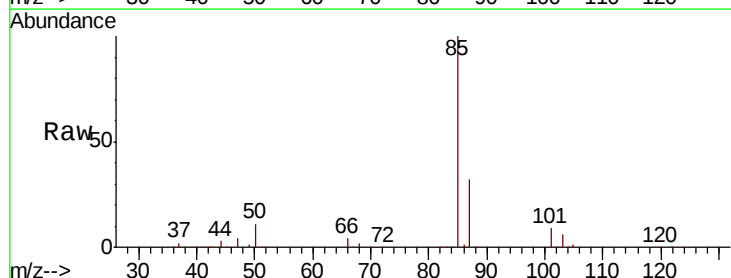
Acq: 27 Nov 2019 12:00

Tgt Ion: 85 Resp: 346187

Ion Ratio Lower Upper

85 100

87 32.4 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) (-)

1.90

250000

200000

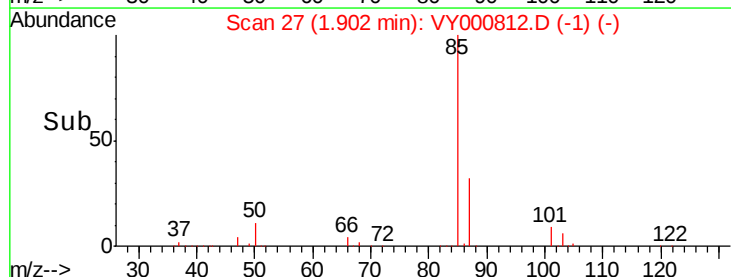
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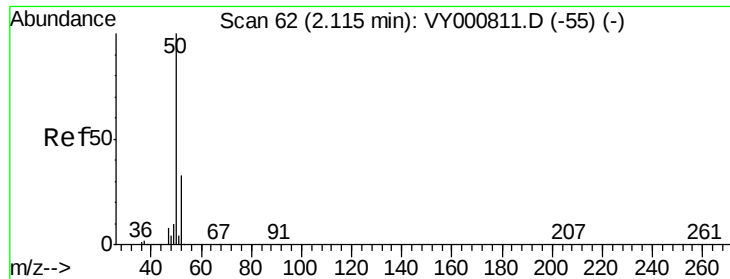
100000

50000

0

Time-->





#3

Chloromethane

Concen: 90.400 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 417977

Ion Ratio Lower Upper

50 100

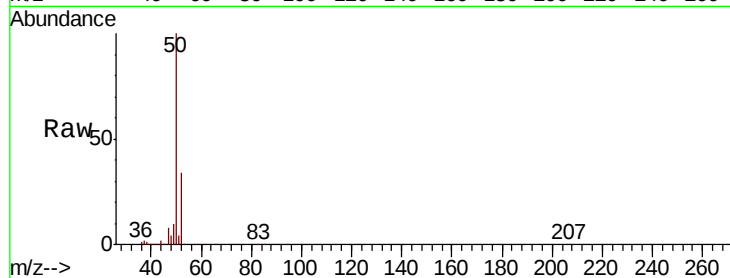
52 33.8 26.0 39.0

Manual Integrations

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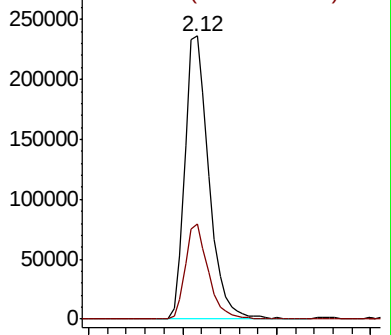
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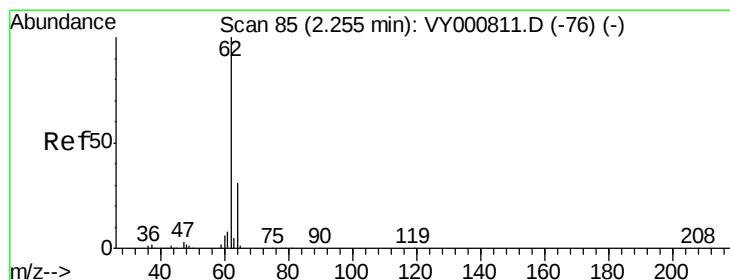
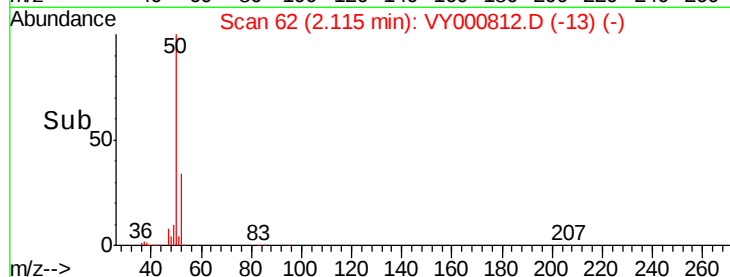


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 96.342 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000812.D

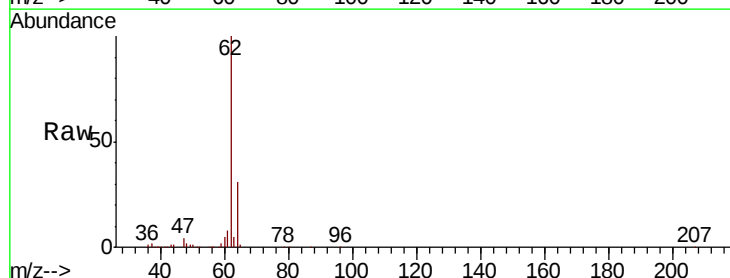
Acq: 27 Nov 2019 12:00

Tgt Ion: 62 Resp: 417656

Ion Ratio Lower Upper

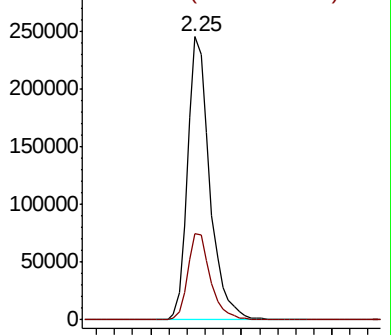
62 100

64 30.5 25.1 37.7

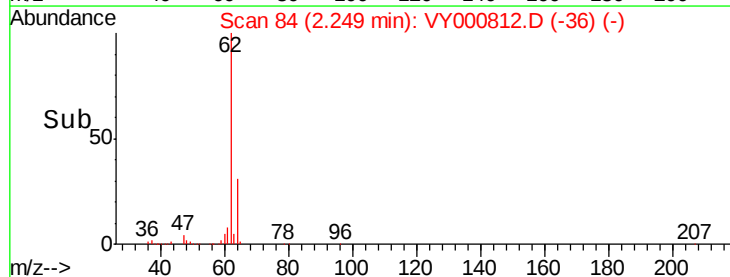


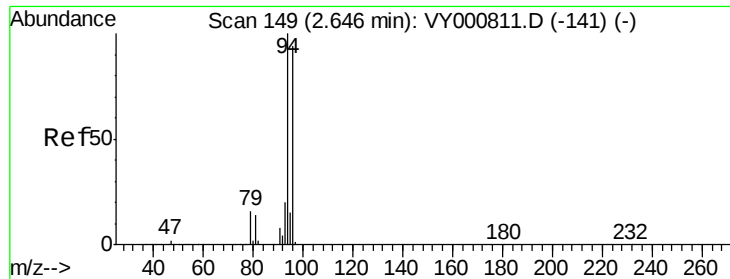
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 89.942 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 236243

Ion Ratio Lower Upper

94 100

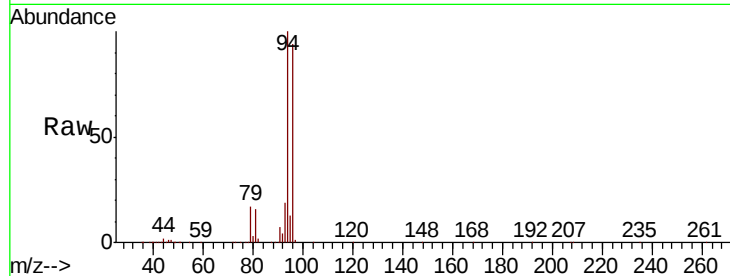
96 93.9 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

120000

100000

80000

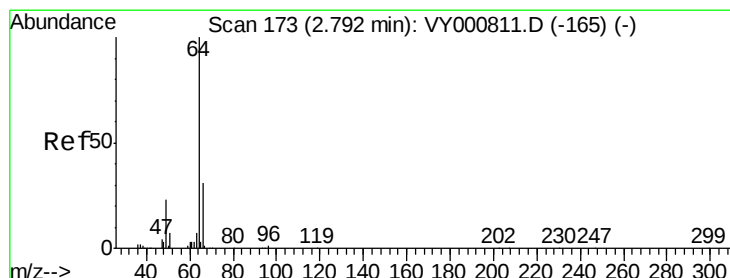
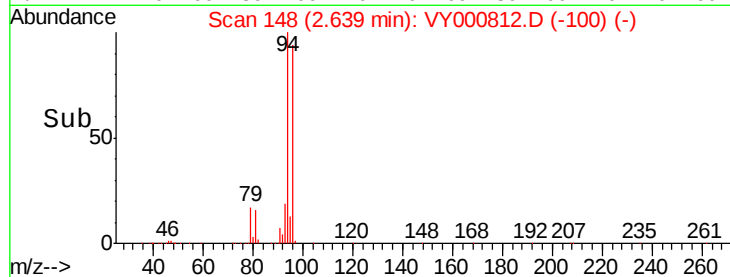
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 92.926 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000812.D

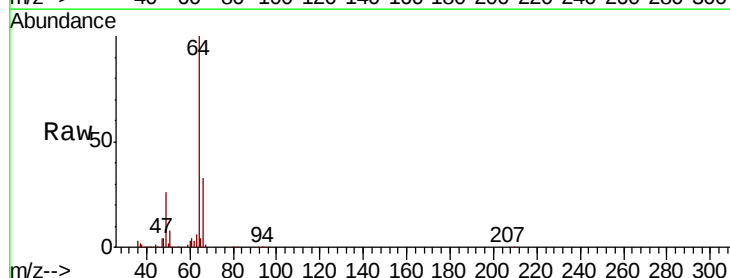
Acq: 27 Nov 2019 12:00

Tgt Ion: 64 Resp: 253522

Ion Ratio Lower Upper

64 100

66 33.3 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

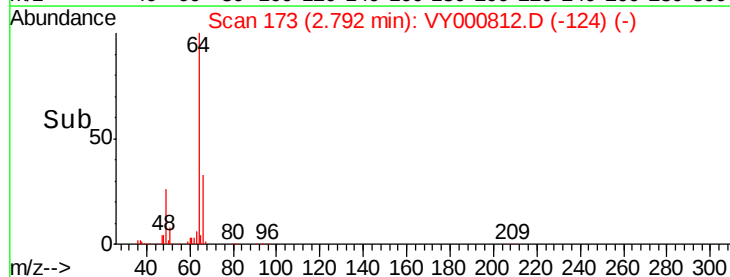
2.79

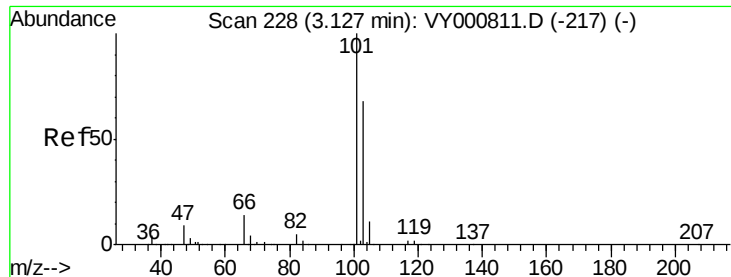
100000

50000

0

Time--> 2.70 2.80 2.90





#7

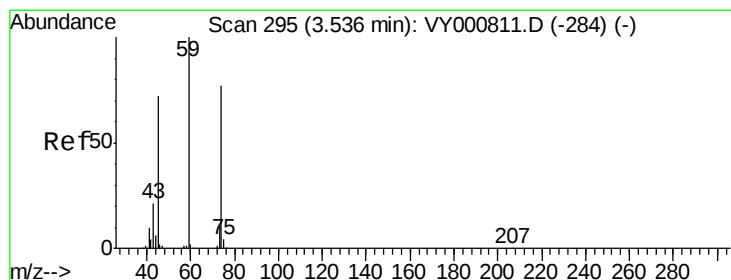
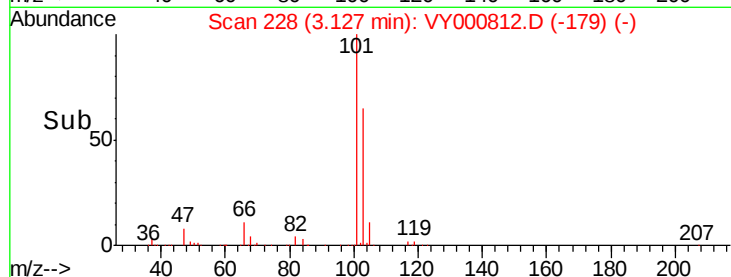
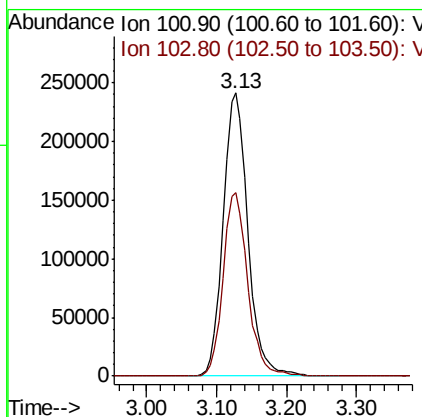
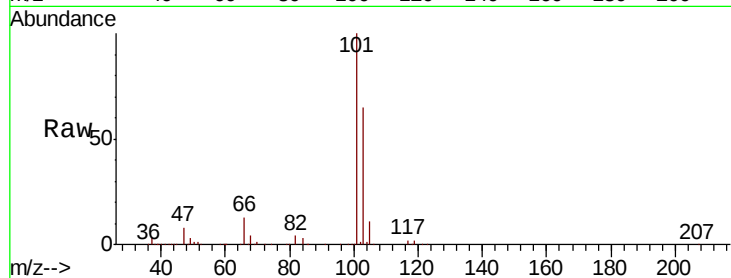
Trichlorofluoromethane
 Concen: 100.456 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	54.2	81.2

Manual Integrations
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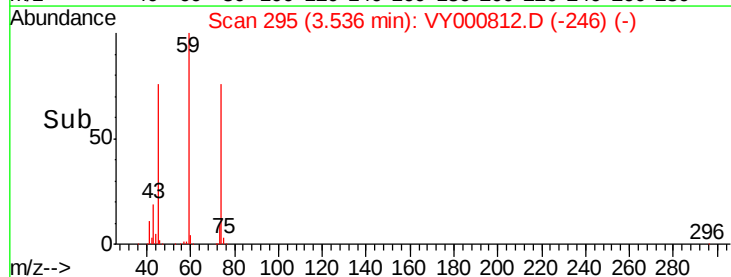
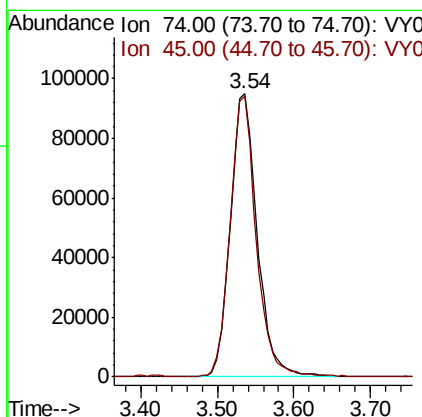
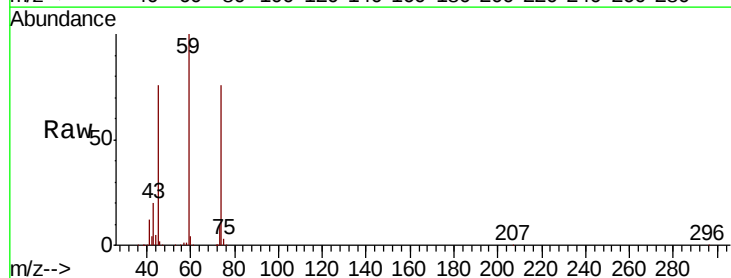
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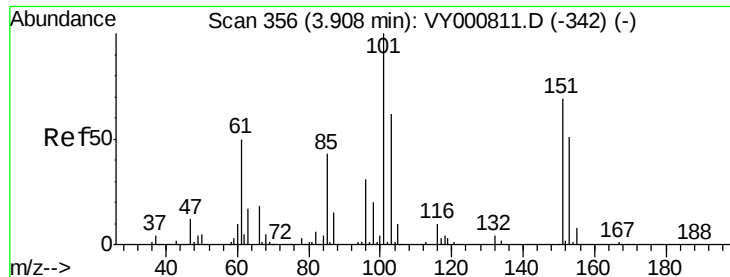


#8

Diethyl Ether
 Concen: 108.730 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.944 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

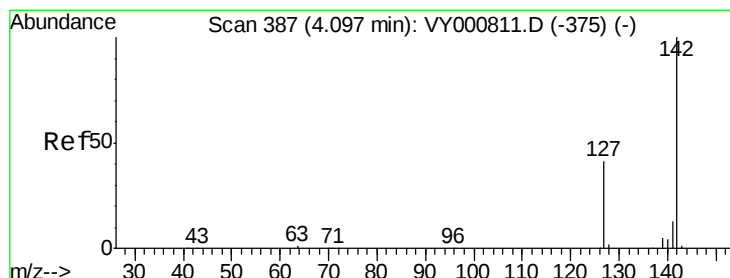
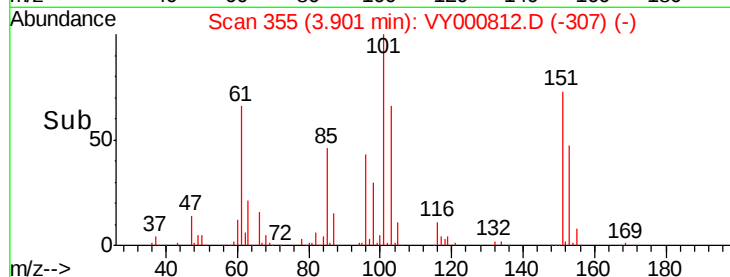
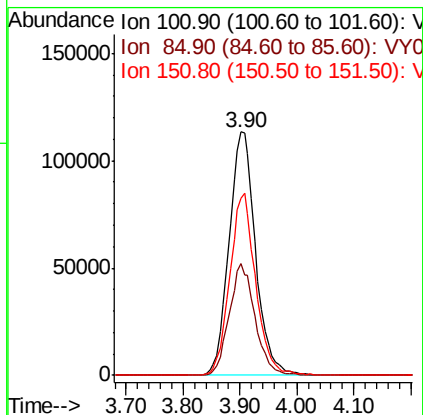
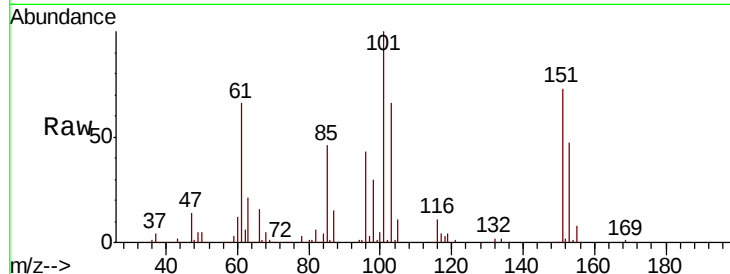
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	369116
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	72.9	58.2	87.2

Manual Integrations
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#10

Methyl Iodide

Concen: 119.184 ug/l

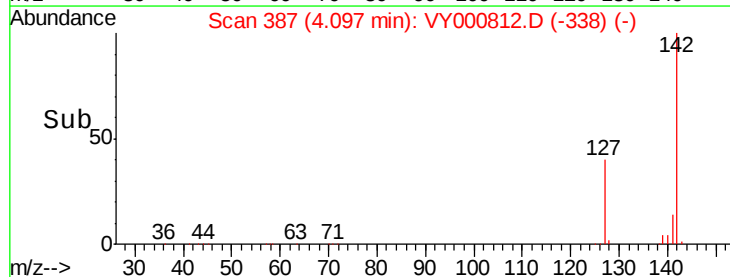
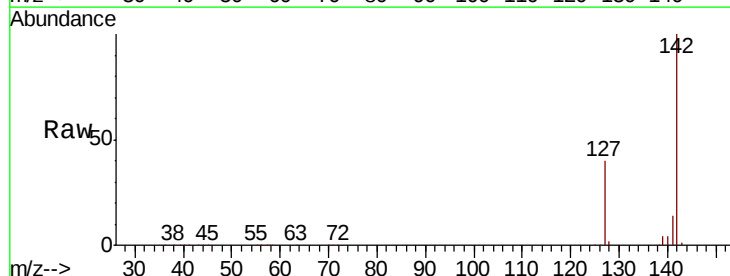
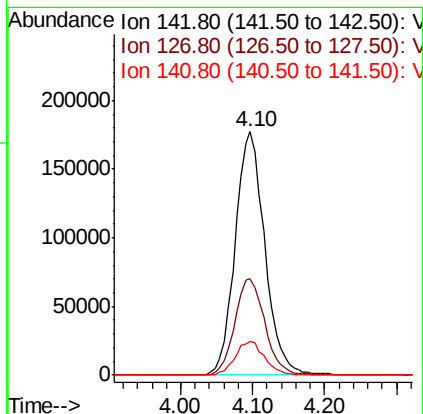
RT: 4.10 min Scan# 387

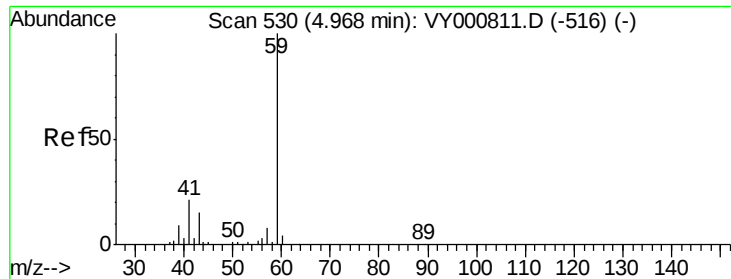
Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Tgt Ion:	142	Resp:	506070
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.8	50.8
141	13.8	10.9	16.3





#11

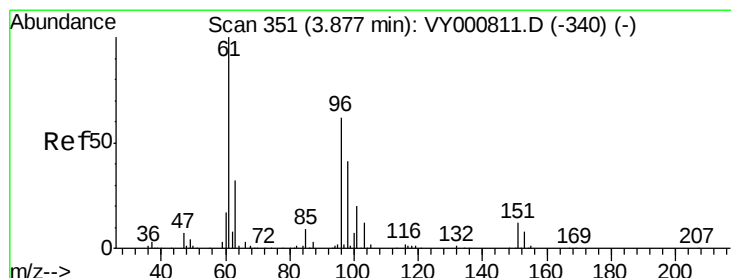
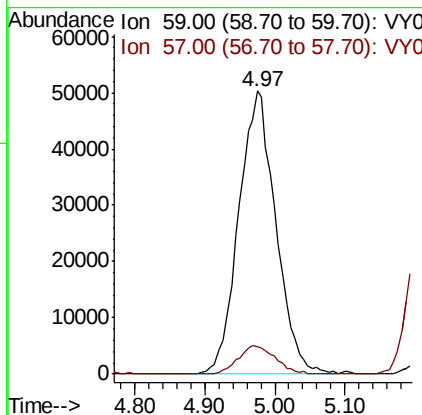
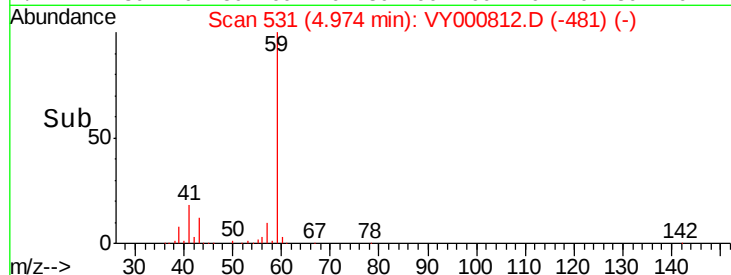
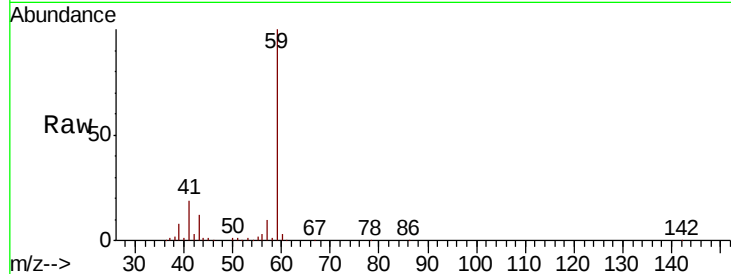
Tert butyl alcohol
Concen: 517.309 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	59	Resp	185243
Ion Ratio	100	Lower	Upper
57	10.1	7.8	11.6

Manual Integrations
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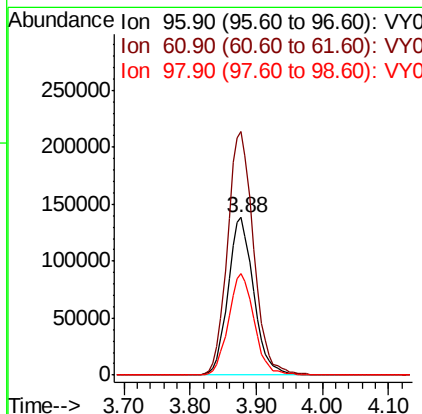
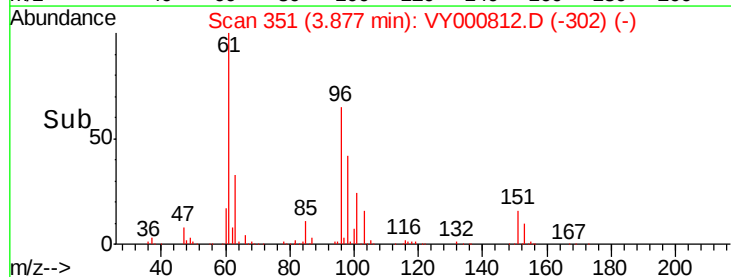
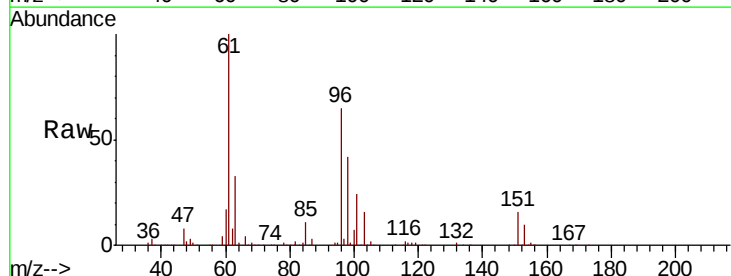
MMDadoda
12/2/2019 11:37:22 AM

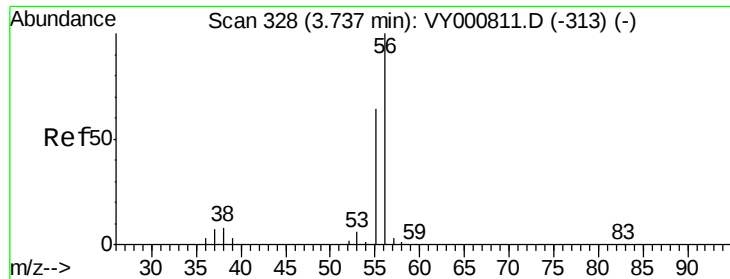


#12

1,1-Dichloroethene
Concen: 107.506 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	96	Resp	371421
Ion Ratio	100	Lower	Upper
61	154.6	129.4	194.2
98	64.5	53.4	80.0





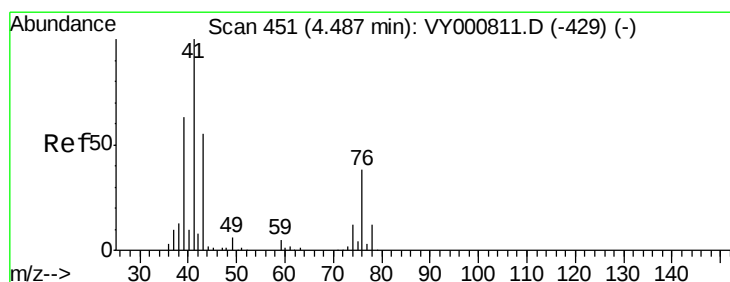
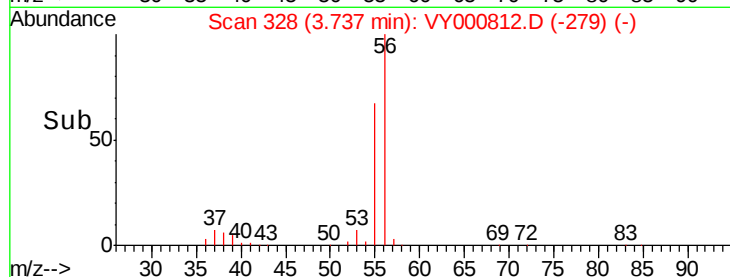
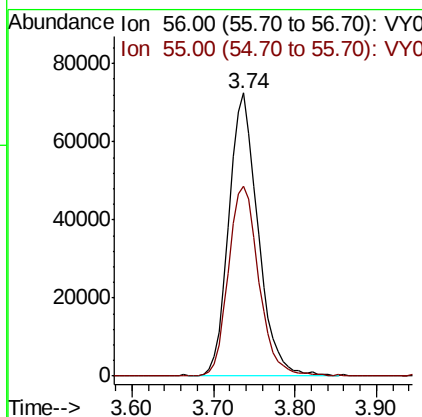
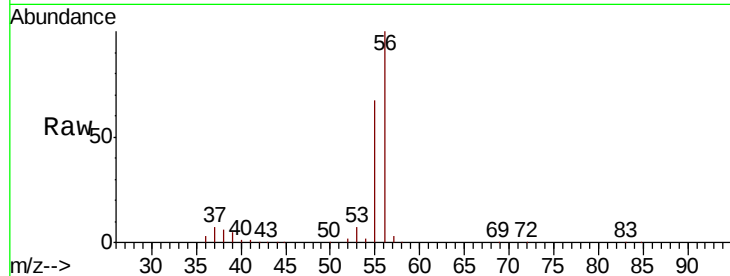
#13
Acrolein
Concen: 576.134 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	56	Resp	178403
Ion Ratio	100	Lower	Upper
55	70.1	55.7	83.5

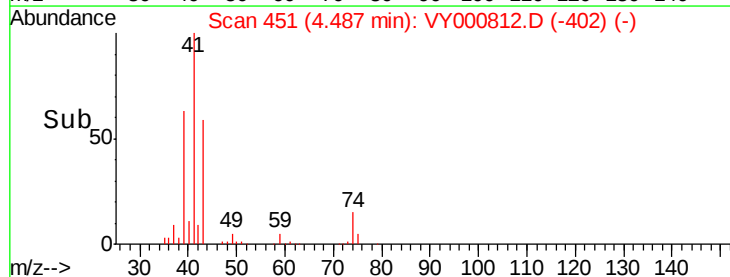
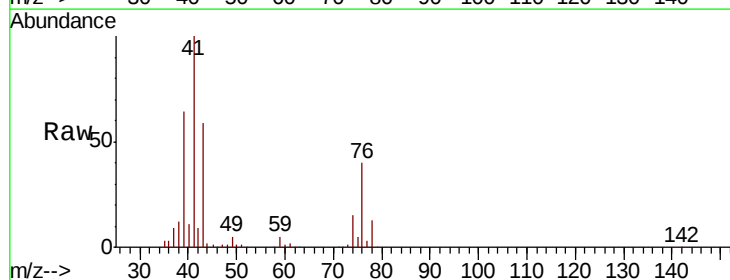
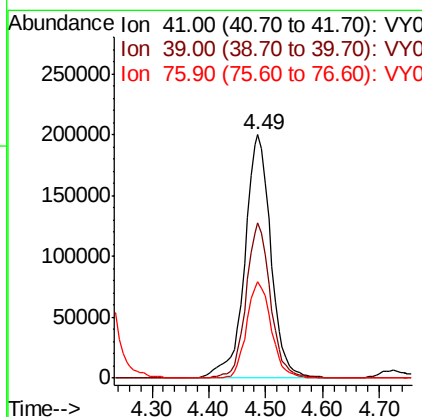
Manual Integrations
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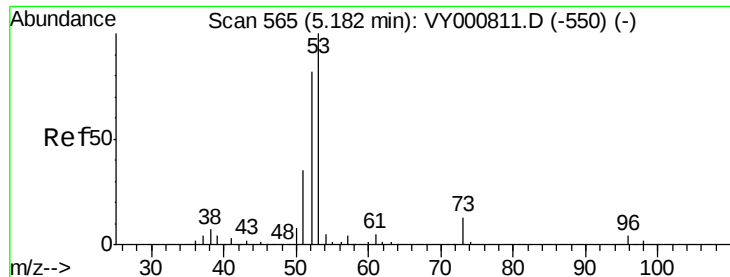
MMDadoda
12/2/2019 11:37:22 AM



#14
Allyl chloride
Concen: 110.672 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	41	Resp	636243
Ion Ratio	100	Lower	Upper
39	59.7	49.2	73.8
76	37.5	29.2	43.8





#15

Acrylonitrile

Concen: 559.850 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

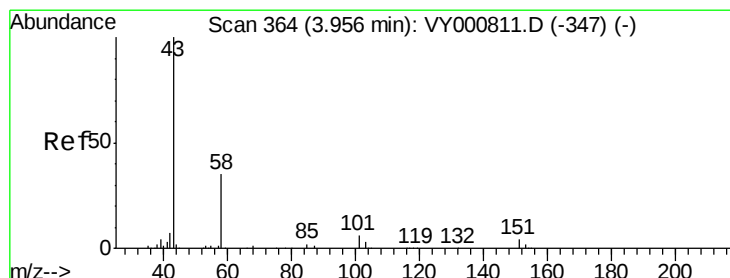
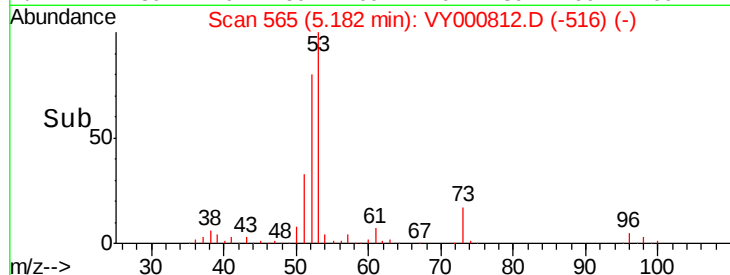
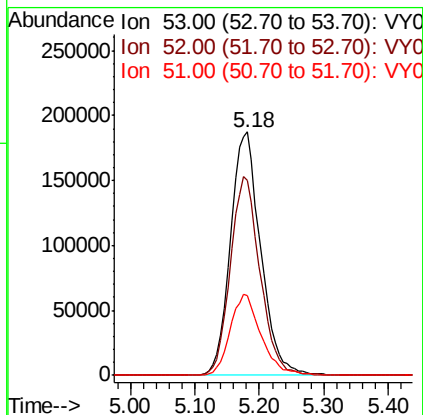
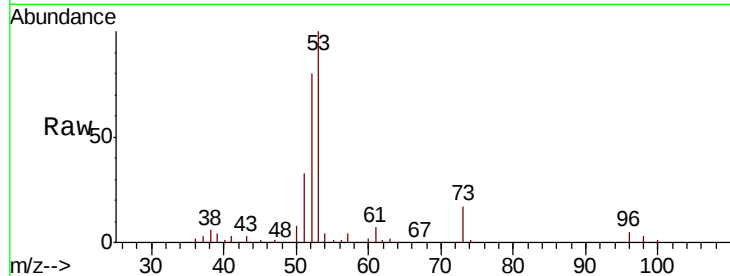
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	613216
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.1	97.7
51	34.0	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 427.756 ug/l

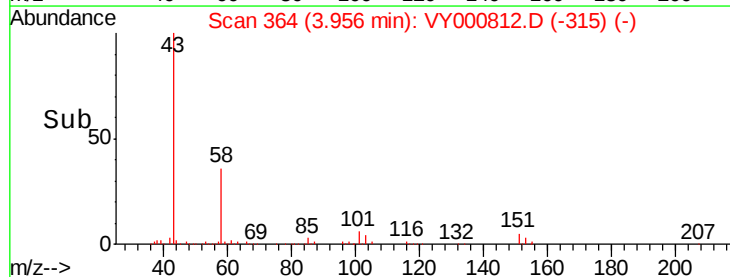
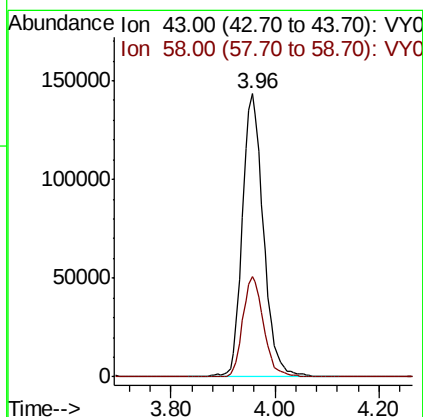
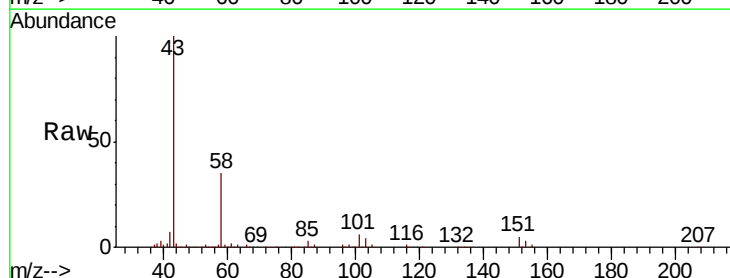
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Tgt Ion:	43	Resp:	401954
Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.0	42.0





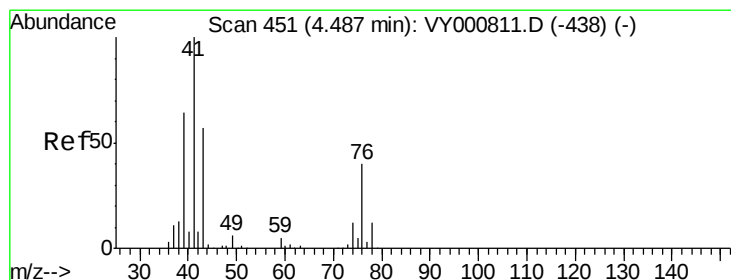
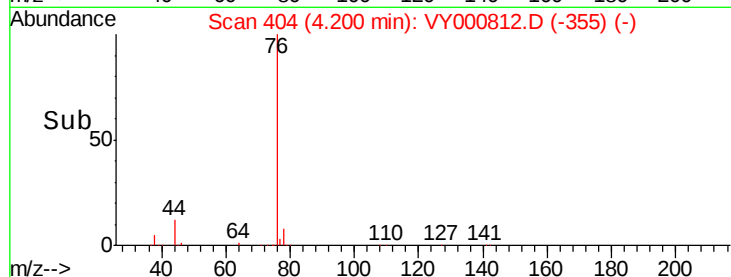
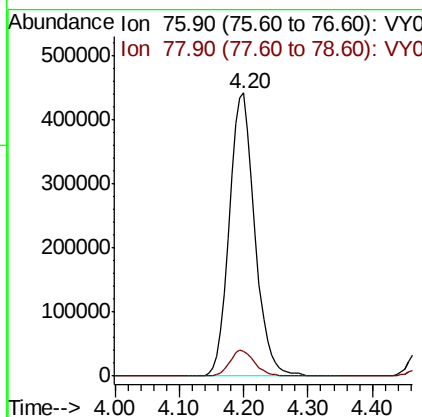
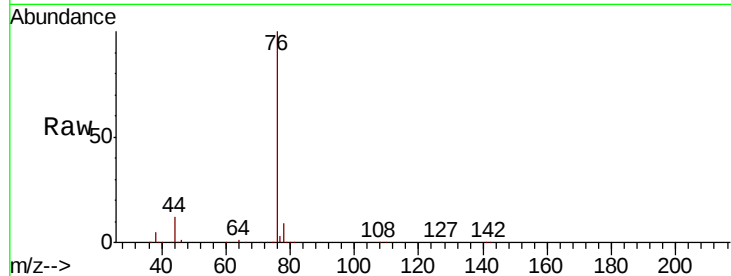
#17
Carbon Disulfide
Concen: 110.779 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 76 Resp: 1224950
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

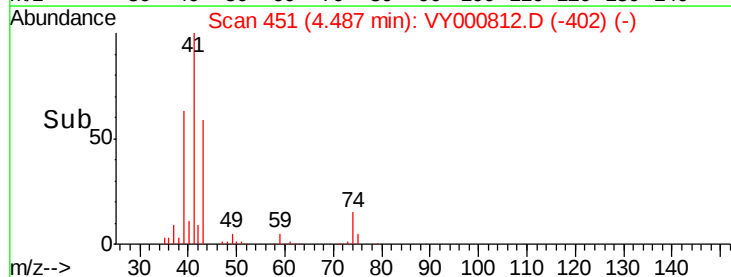
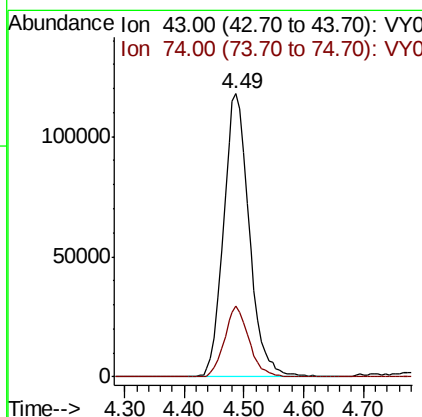
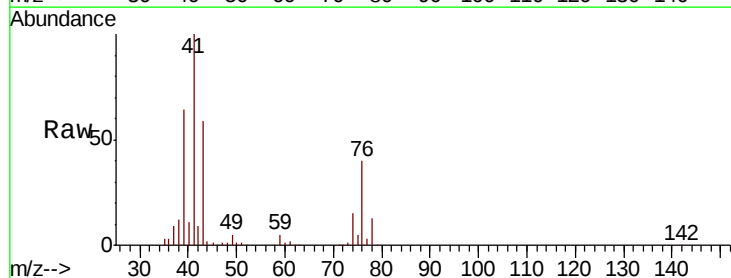
Manual Integrations
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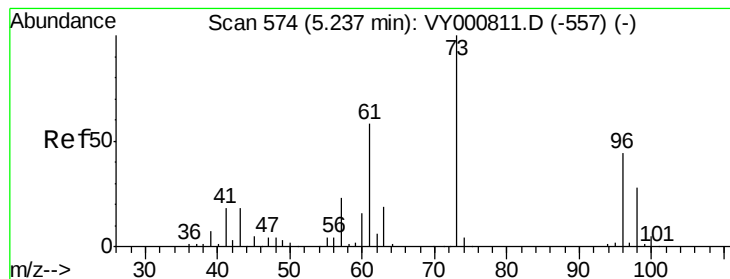
MMDadoda
12/2/2019 11:37:22 AM



#18
Methyl Acetate
Concen: 111.896 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion: 43 Resp: 352927
Ion Ratio Lower Upper
43 100
74 23.7 18.5 27.7





#19

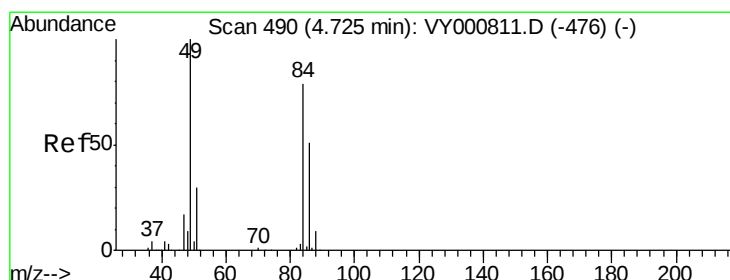
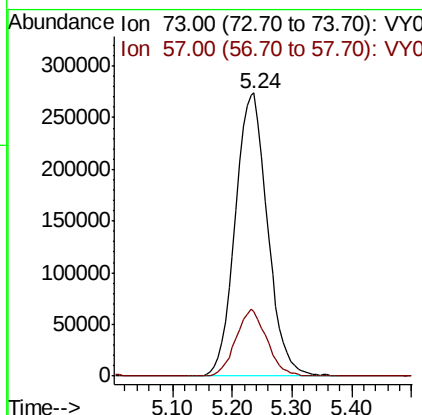
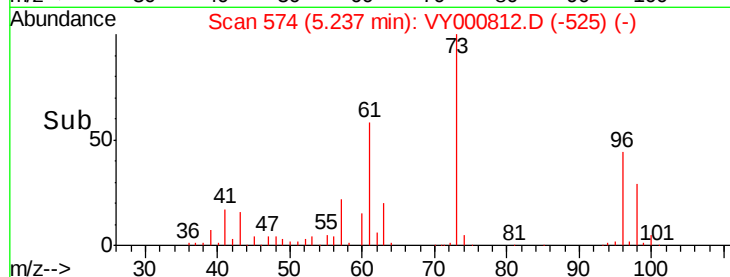
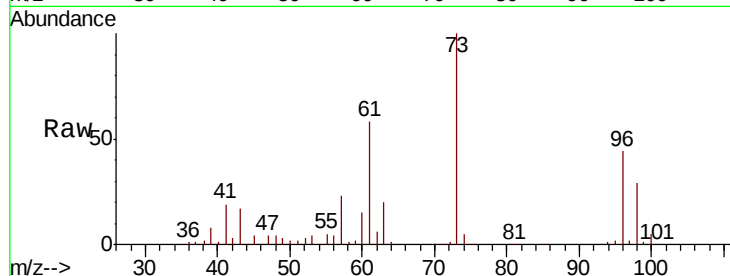
Methyl tert-butyl Ether
 Concen: 105.882 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 73 Resp: 1029867
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.2 27.4

Manual Integrations
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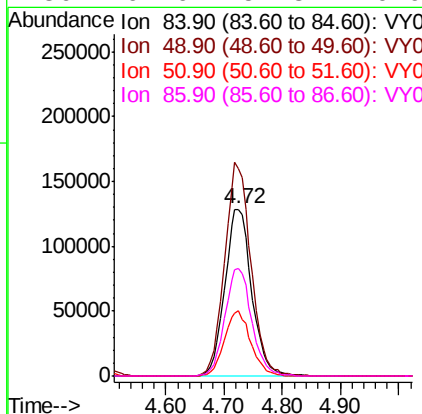
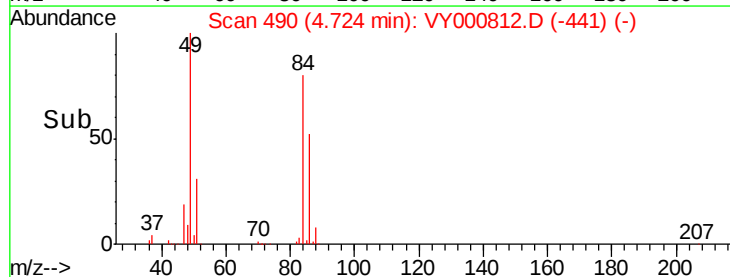
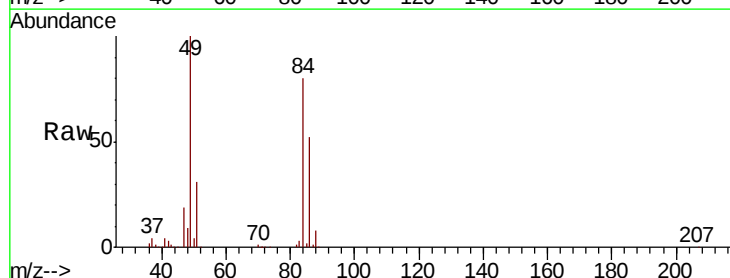
MMDadoda
 12/2/2019 11:37:22 AM

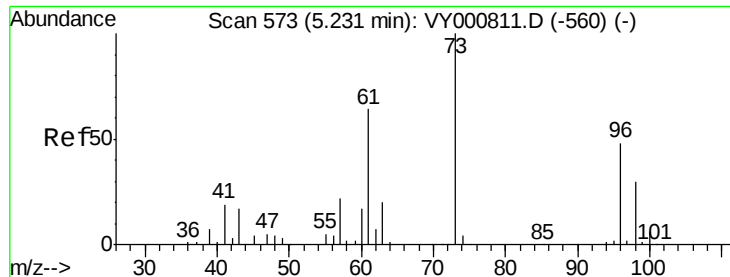


#20

Methylene Chloride
 Concen: 96.277 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion: 84 Resp: 411462
 Ion Ratio Lower Upper
 84 100
 49 124.4 101.3 151.9
 51 38.8 30.6 45.8
 86 64.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 105.091 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 414341

Ion Ratio Lower Upper

96 100

61 135.2 105.9 158.9

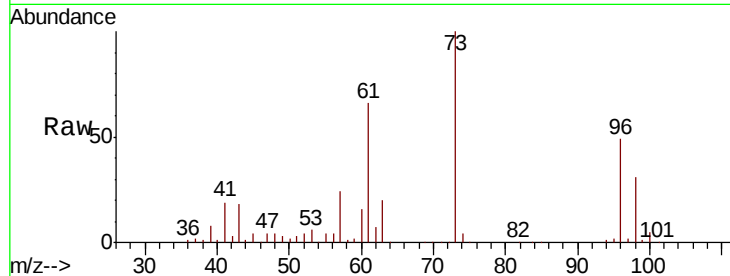
98 63.3 49.4 74.2

Manual Integrations

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12/2/2019 11:37:22 AM

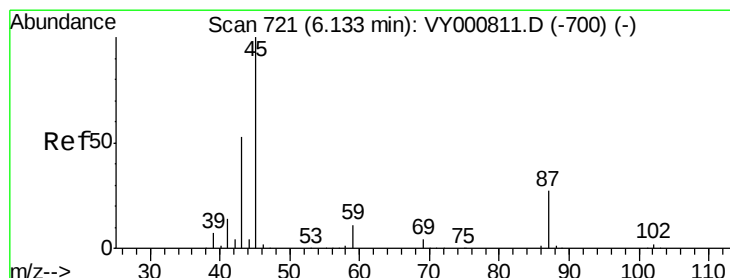
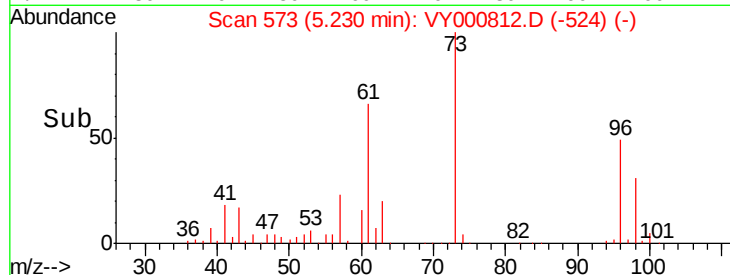
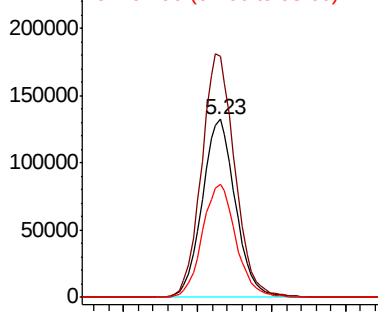


Abundance

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: 102.846 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Tgt Ion: 45 Resp: 1274308

Ion Ratio Lower Upper

45 100

43 59.0 42.7 64.1

87 26.9 22.0 33.0

59 11.7 8.9 13.3

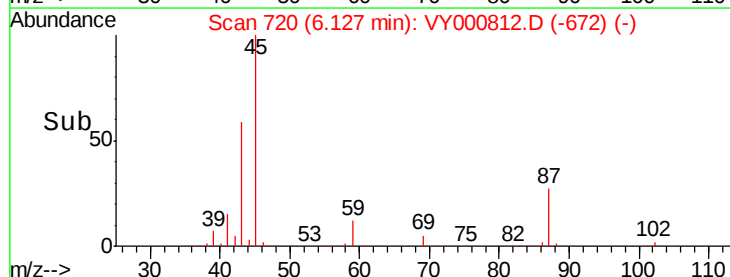
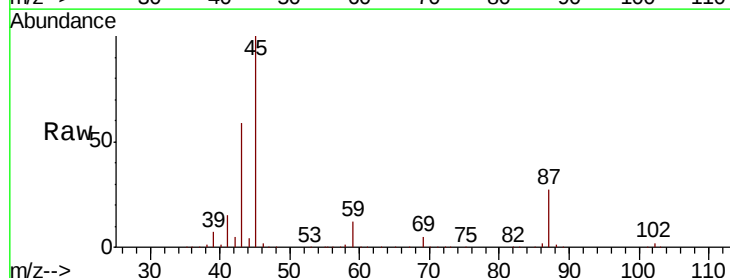
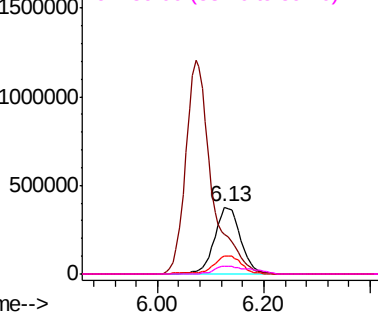
Abundance

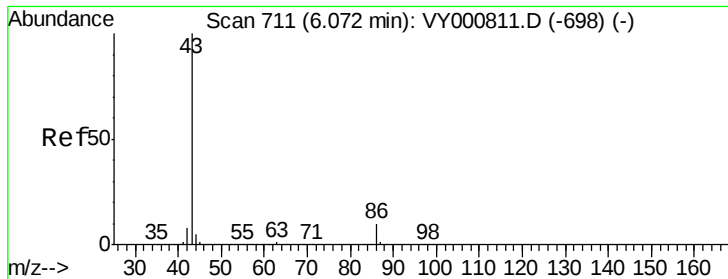
Ion 45.00 (44.70 to 45.70): VY0

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: 522.895 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4090669

Ion Ratio Lower Upper

43 100

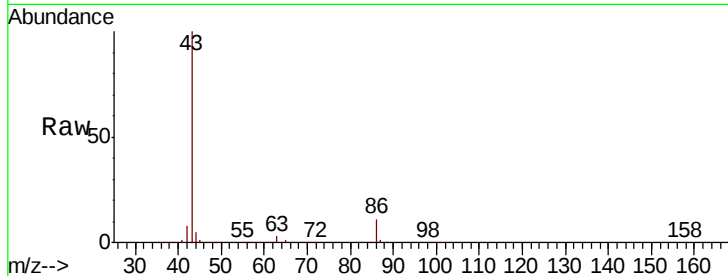
86 11.0 8.3 12.5

Manual Integrations

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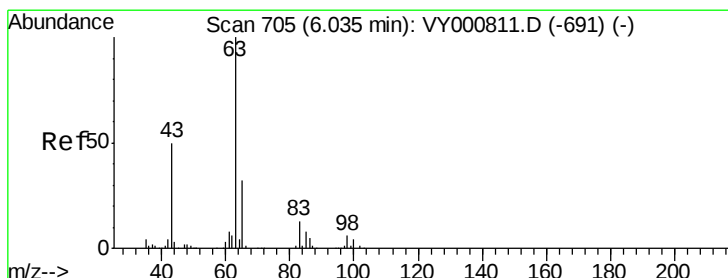
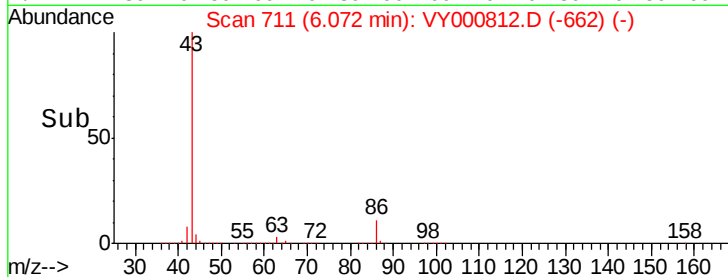
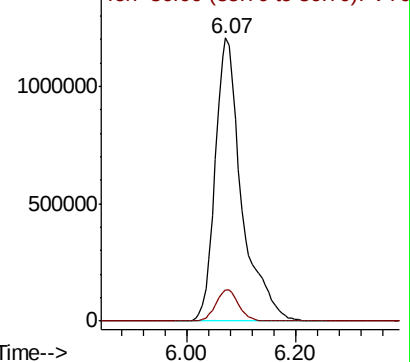
MMDadoda

12/2/2019 11:37:22 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: 107.187 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

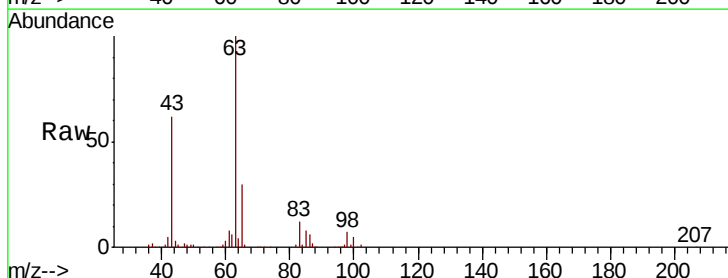
Tgt Ion: 63 Resp: 721709

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

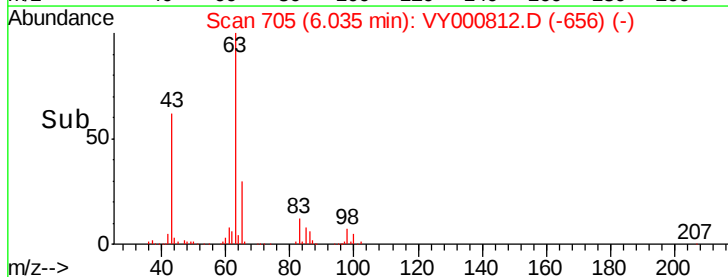
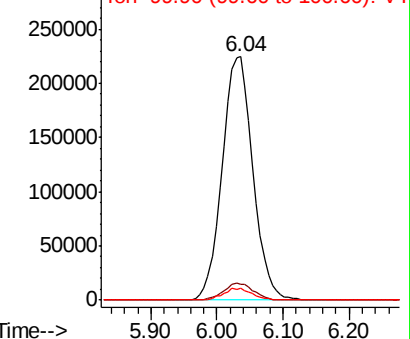
100 4.8 2.2 6.6

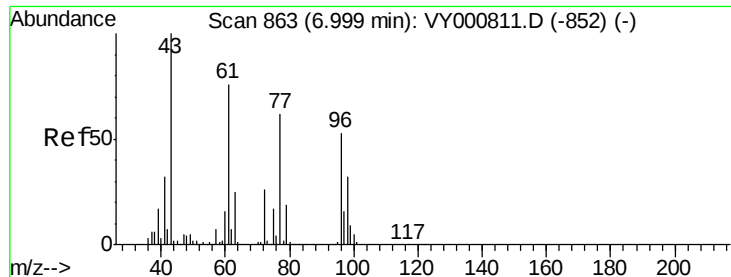


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 497.056 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 785282

Ion Ratio Lower Upper

43 100

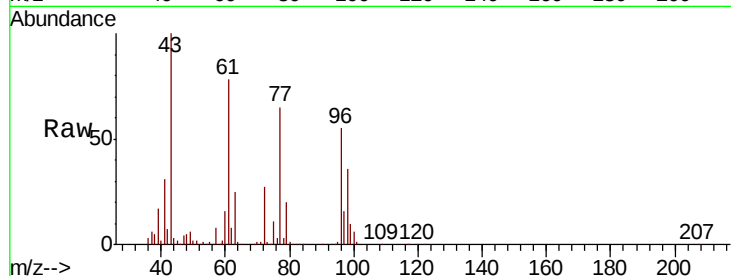
72 27.0 21.0 31.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

300000

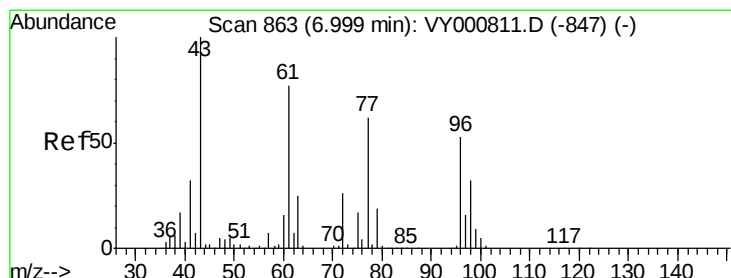
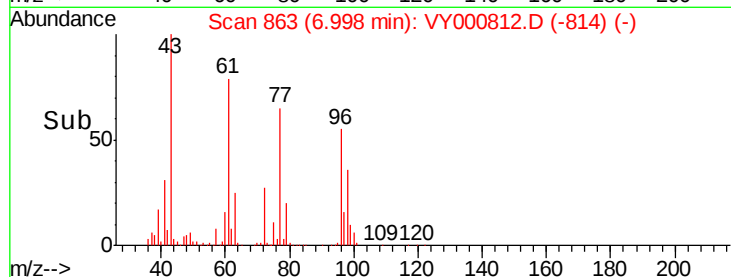
200000

100000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 97.956 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000812.D

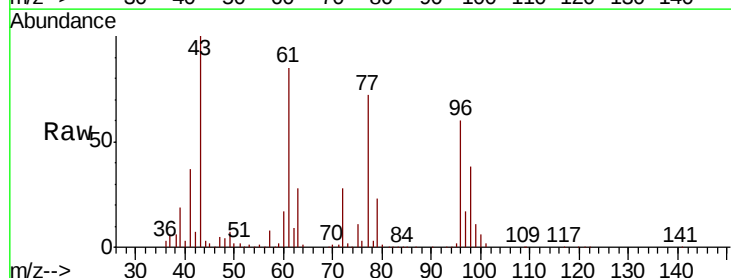
Acq: 27 Nov 2019 12:00

Tgt Ion: 77 Resp: 593341

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

200000

150000

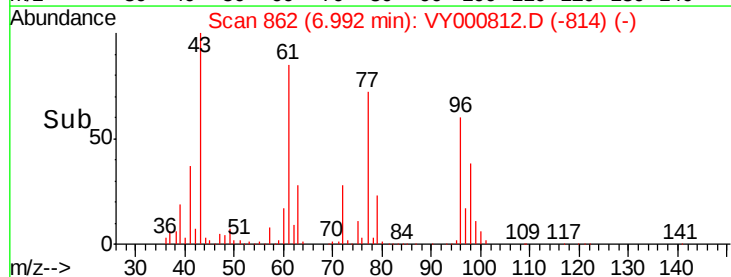
100000

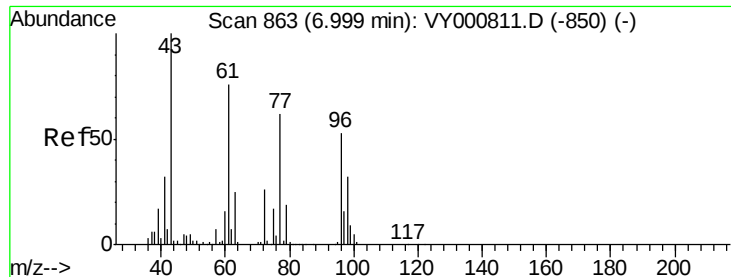
50000

0

6.90 7.00 7.10

Time-->





#27

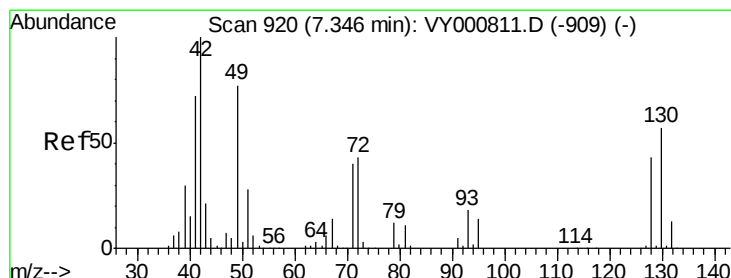
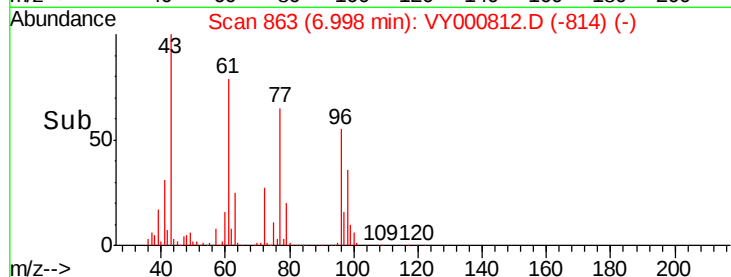
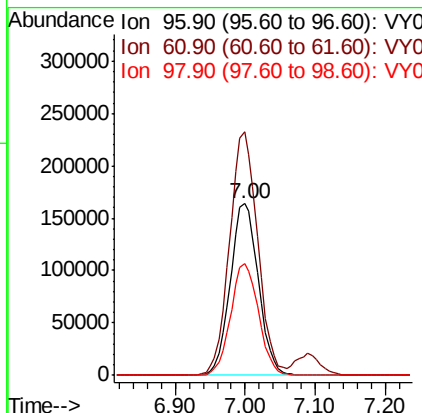
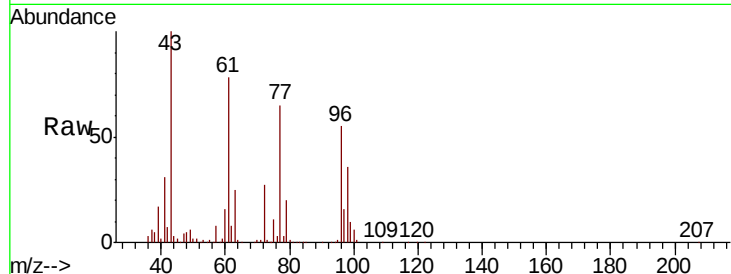
cis-1,2-Dichloroethene
Concen: 105.899 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	457112		
61	142.3	0.0	285.0	
98	64.7	0.0	128.0	

Manual Integrations
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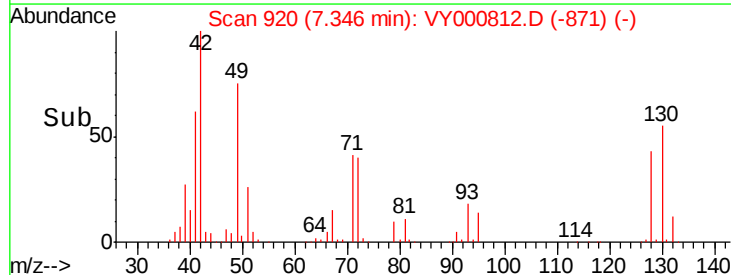
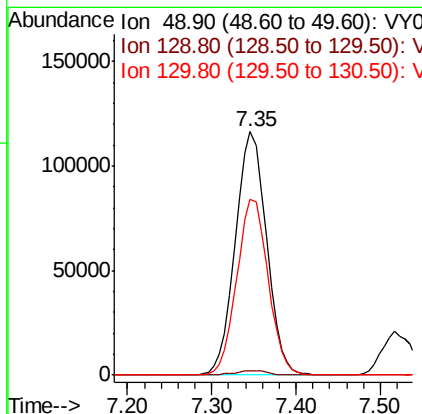
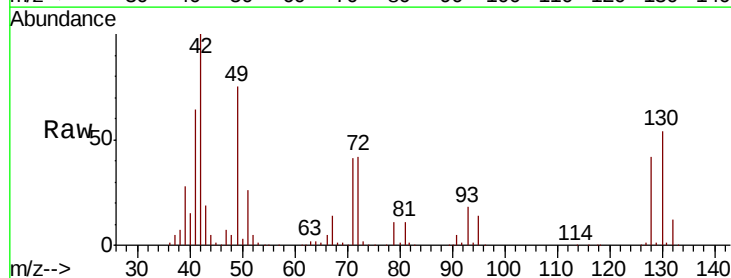
MMDadoda
12/2/2019 11:37:22 AM

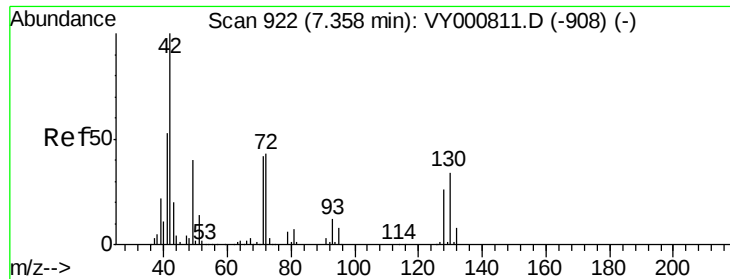


#28

Bromochloromethane
Concen: 112.759 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	292163		
129	1.9	0.0	3.8	
130	72.6	58.7	88.1	





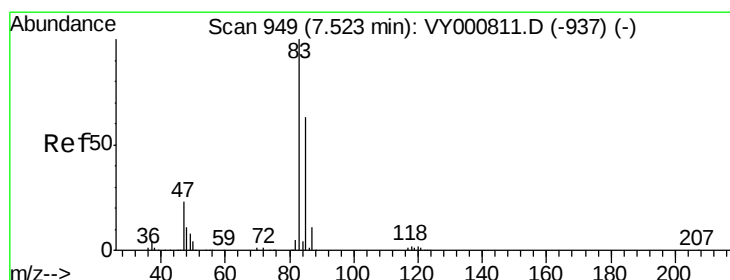
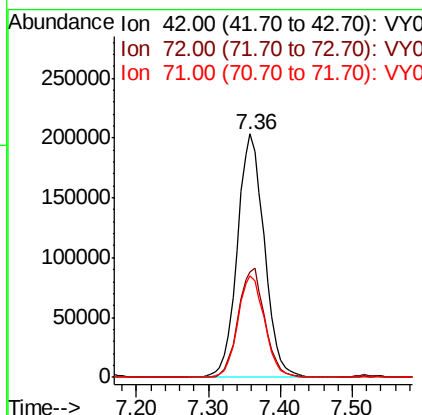
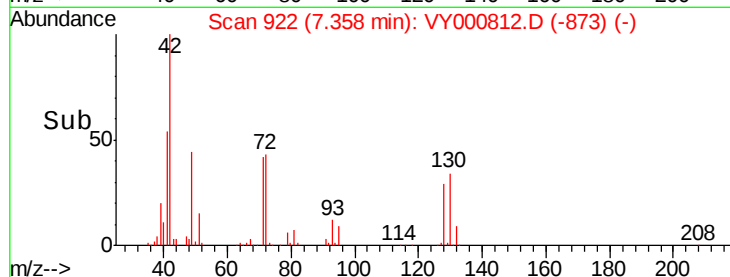
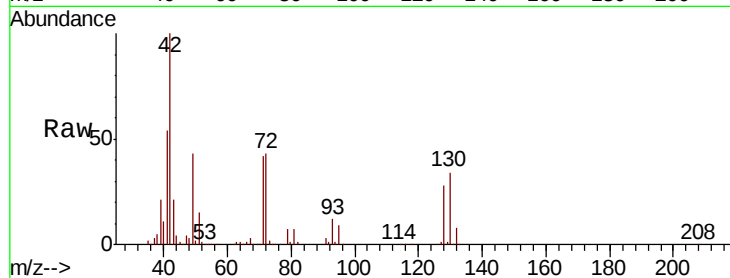
#29
Tetrahydrofuran
Concen: 538.595 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	41.3	32.8	49.2

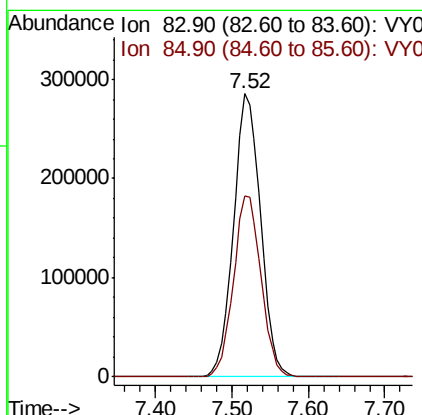
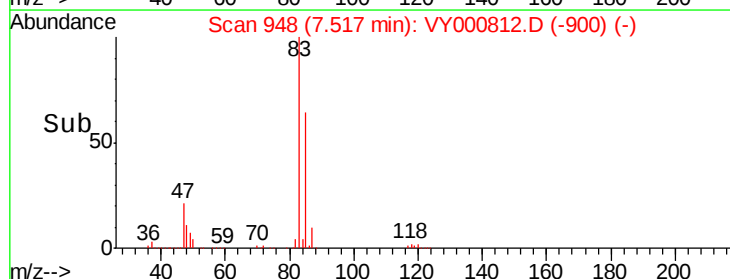
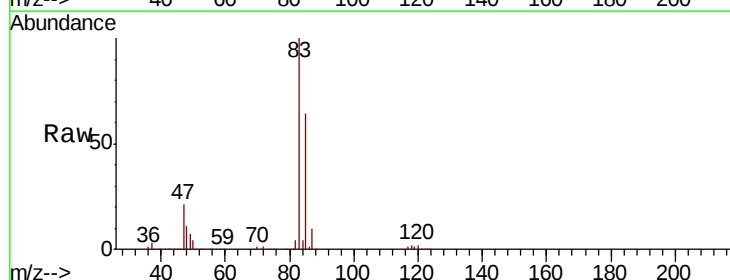
Manual Integrations
APPROVED

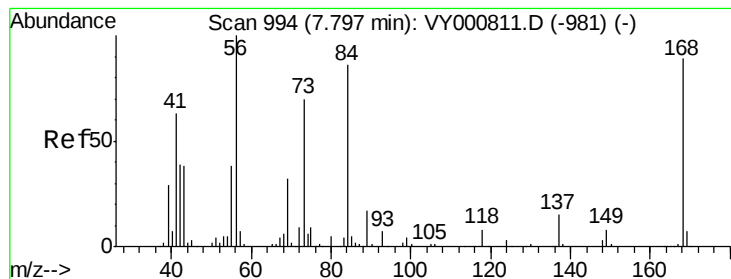
MMDadoda
12/2/2019 11:37:22 AM



#30
Chloroform
Concen: 103.485 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 102.947 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 725001

Ion Ratio Lower Upper

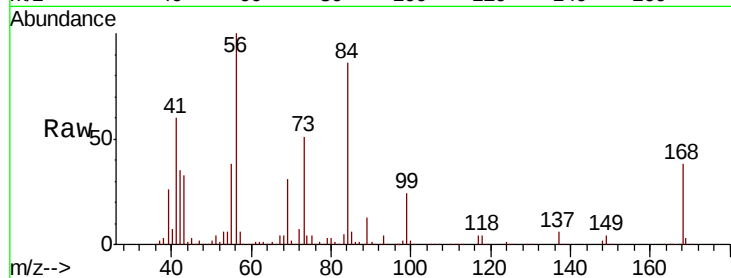
56 100

69 31.3 25.9 38.9

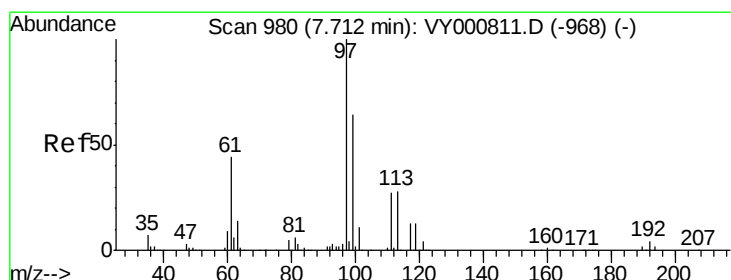
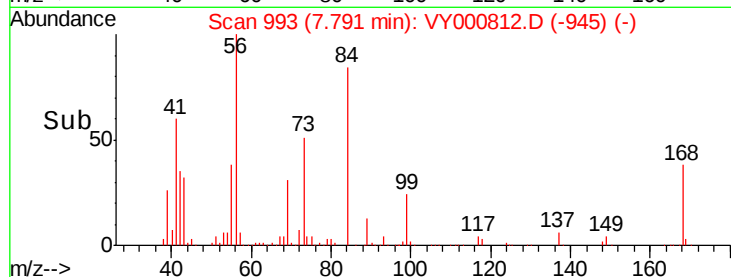
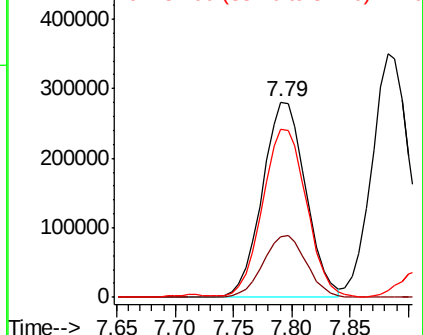
84 84.9 68.6 102.8

Manual Integrations
APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 101.205 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

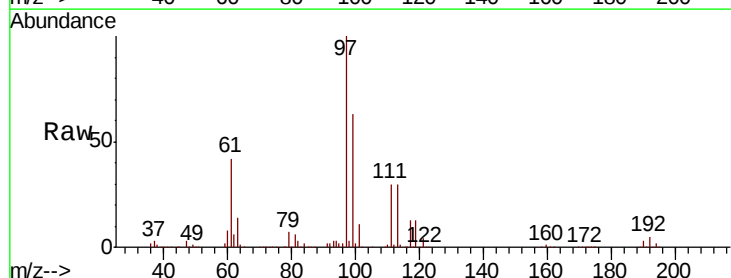
Tgt Ion: 97 Resp: 601702

Ion Ratio Lower Upper

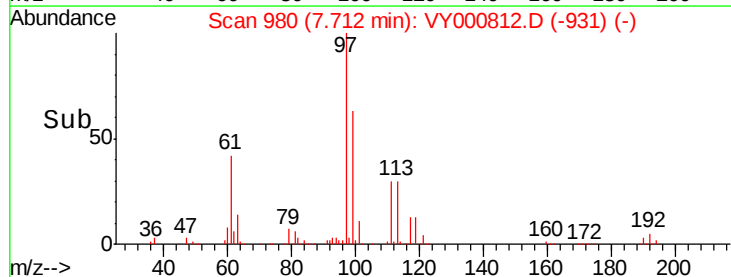
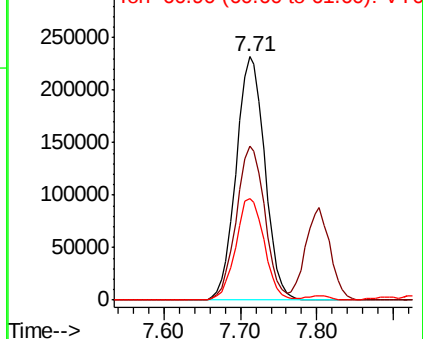
97 100

99 63.1 51.7 77.5

61 41.6 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 102.448 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 358247

Ion Ratio Lower Upper

65 100

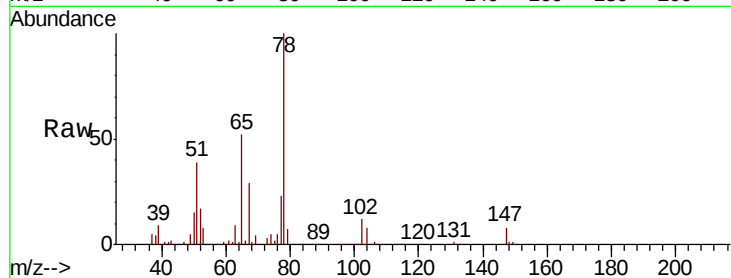
67 55.2 0.0 112.0

Manual Integrations

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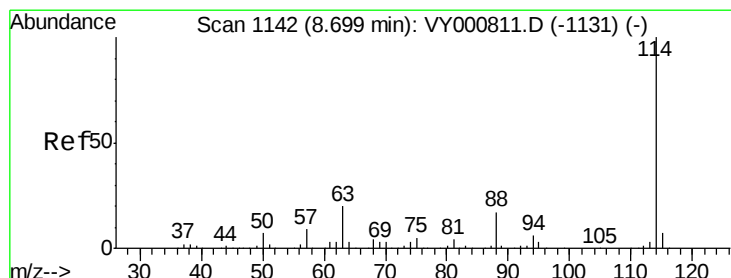
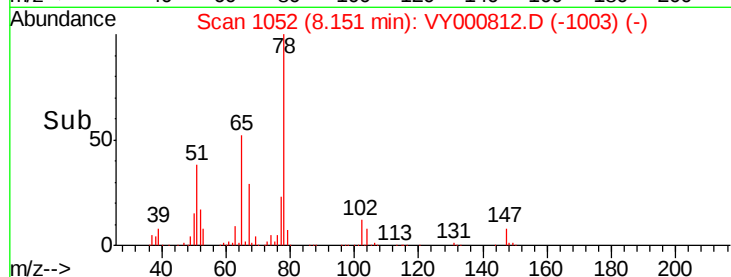
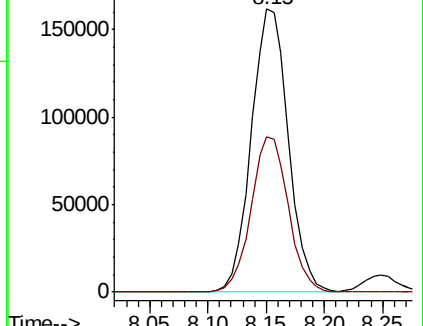
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Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

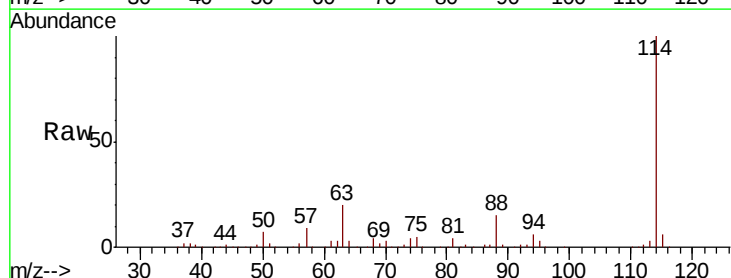
Tgt Ion: 114 Resp: 592429

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

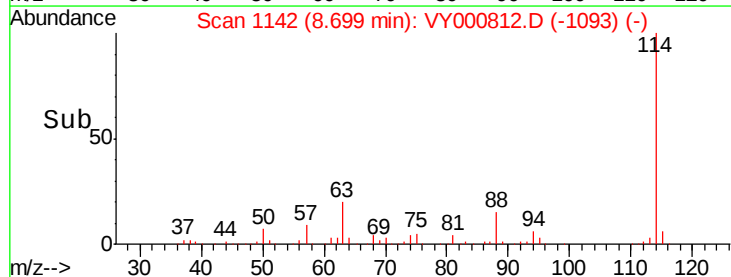
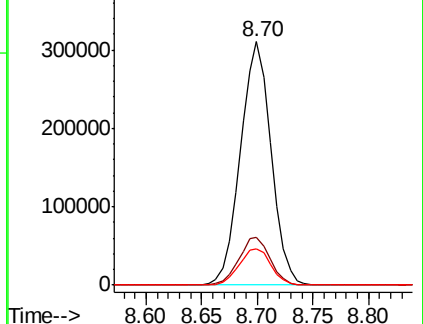
88 15.1 0.0 33.2

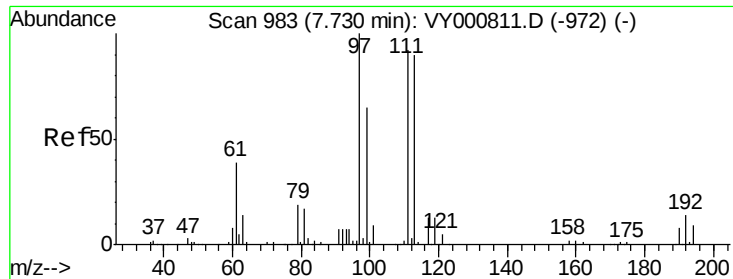


Abundance Ion 113.90 (113.60 to 114.60): VY000811.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY000811.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY000811.D (-1131) (-)





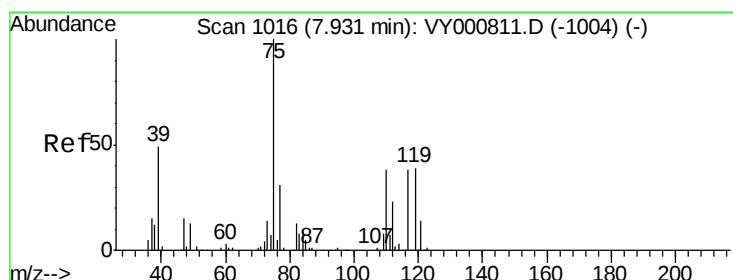
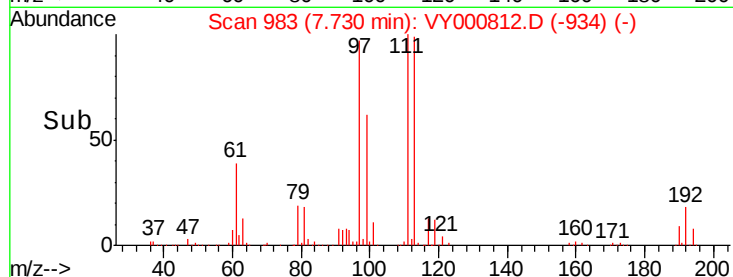
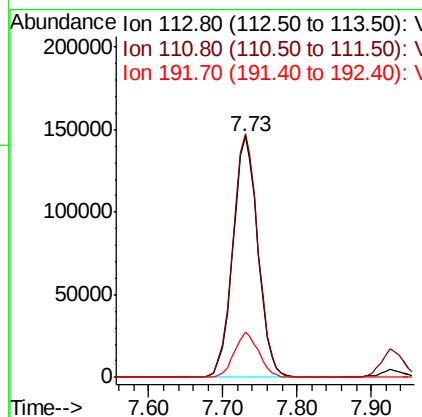
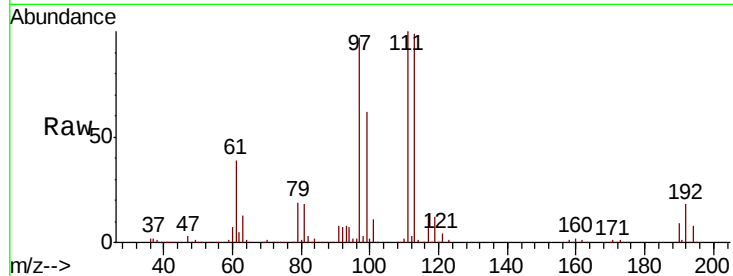
#35
Dibromofluoromethane
Concen: 99.296 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	341662		
111	102.2	82.4	123.6	
192	18.2	14.2	21.2	

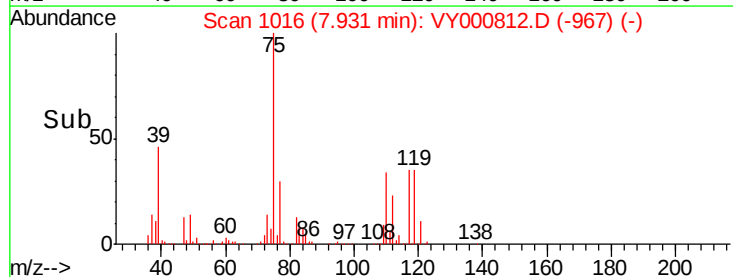
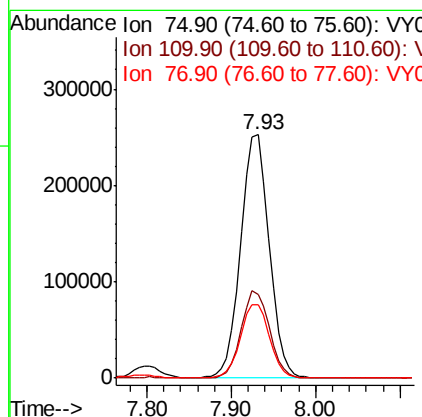
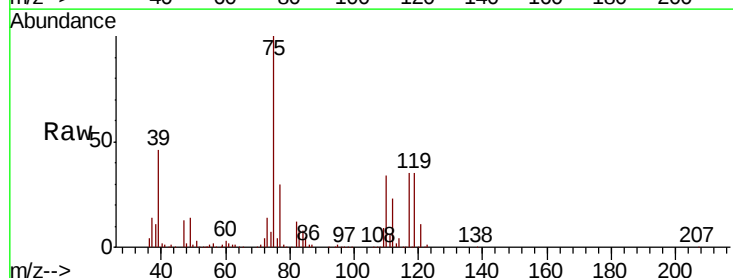
Manual Integrations
APPROVED

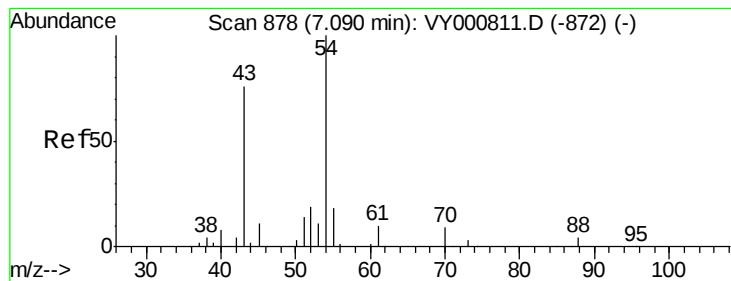
MMDadoda
12/2/2019 11:37:22 AM



#36
1,1-Dichloropropene
Concen: 101.439 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	576413		
110	35.3	17.9	53.7	
77	31.0	24.7	37.1	





#37

Ethyl Acetate

Concen: 101.297 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

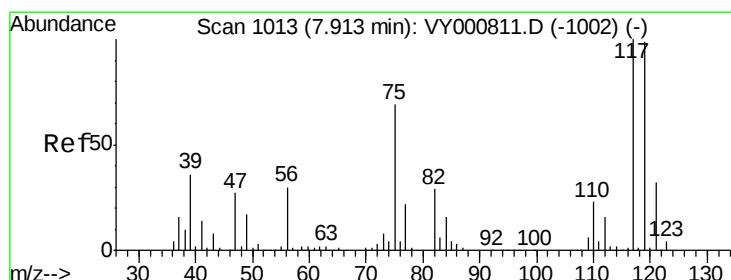
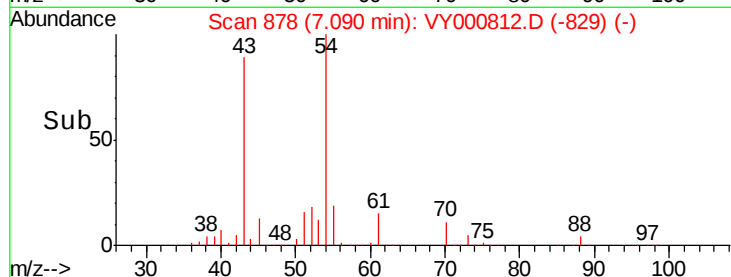
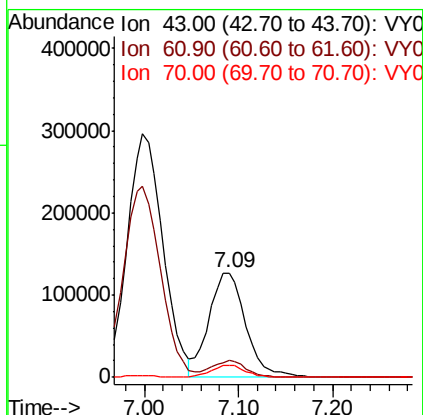
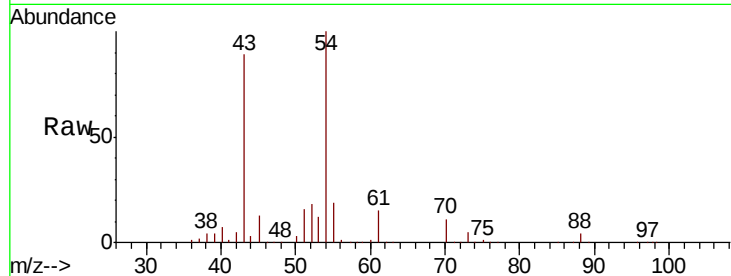
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	344806
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.8
70	11.0	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 96.186 ug/l

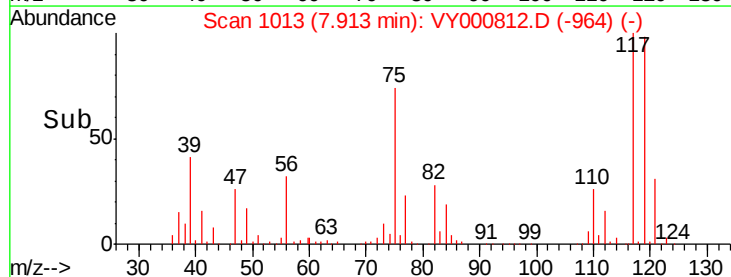
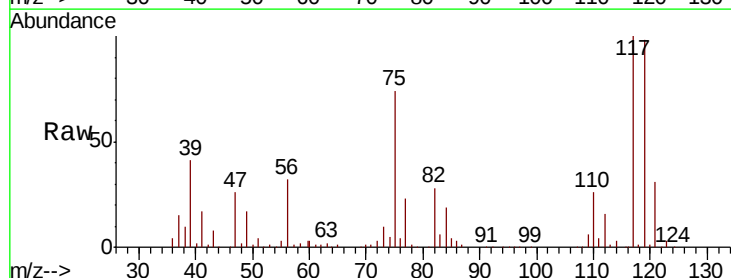
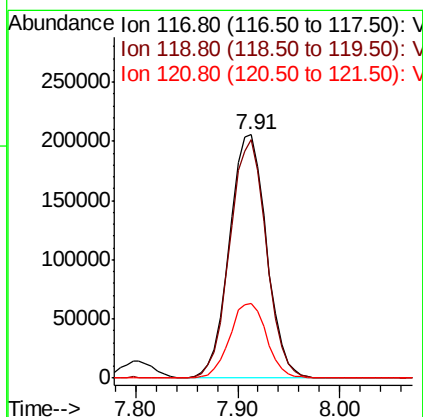
RT: 7.91 min Scan# 1013

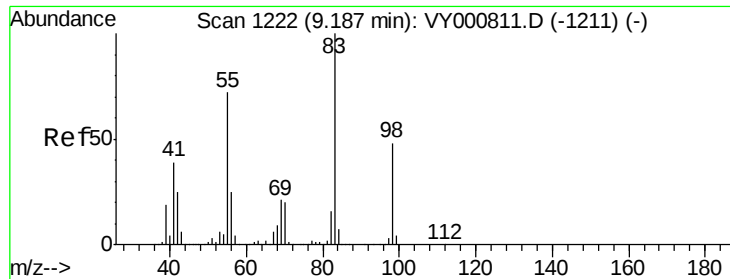
Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Tgt Ion:	117	Resp:	518397
Ion	Ratio	Lower	Upper
117	100		
119	98.2	79.3	118.9
121	30.5	25.5	38.3





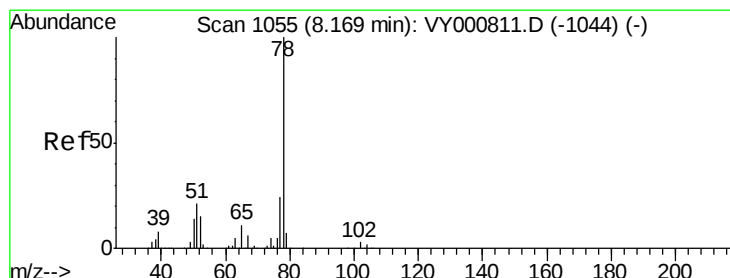
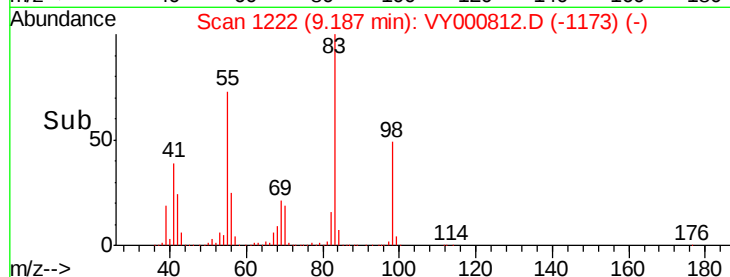
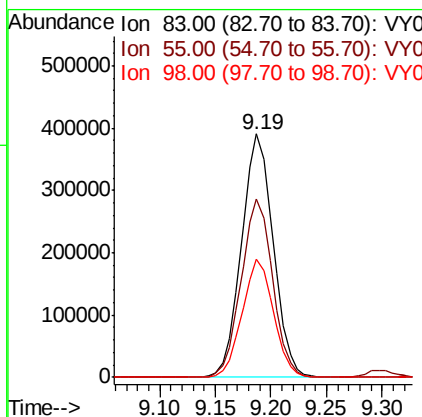
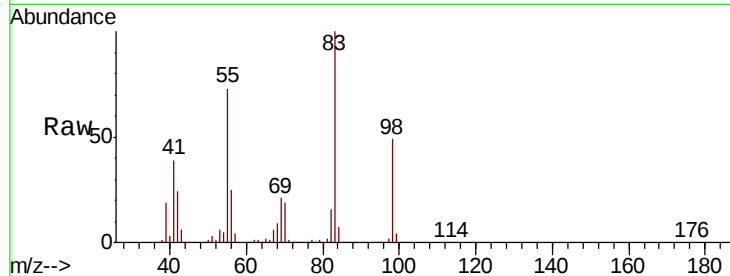
#39
Methvlcvclohexane
Concen: 105.638 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	57.8	86.6
98	48.5	38.6	58.0

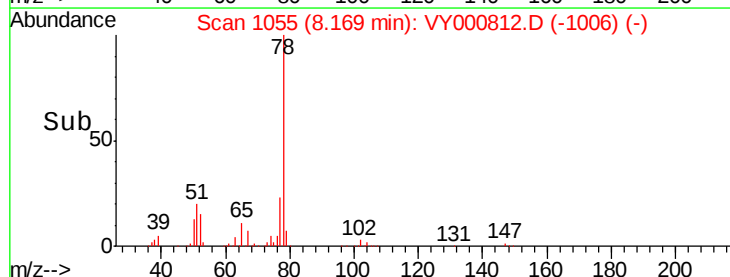
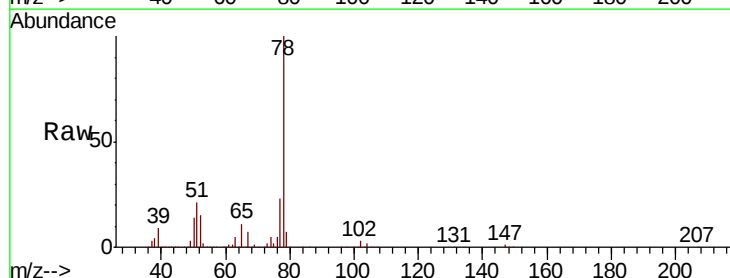
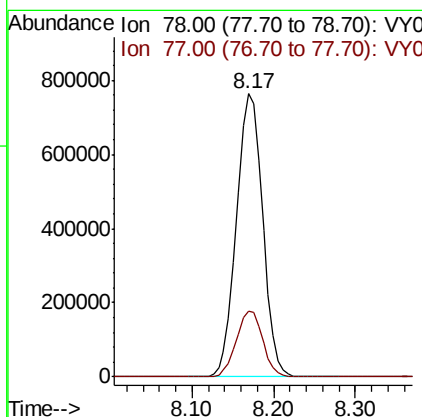
Manual Integrations
APPROVED

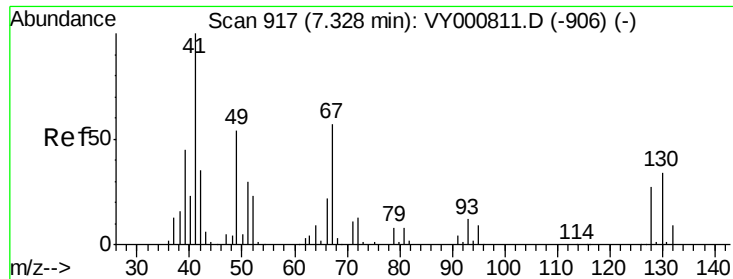
MMDadoda
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#40
Benzene
Concen: 101.737 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





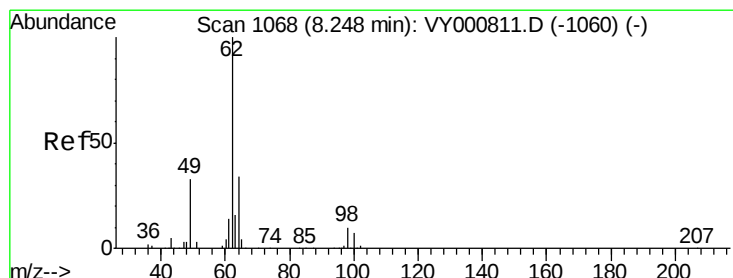
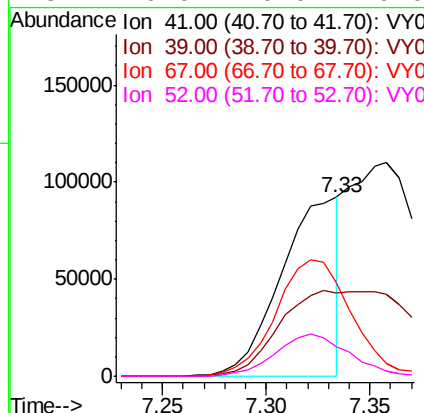
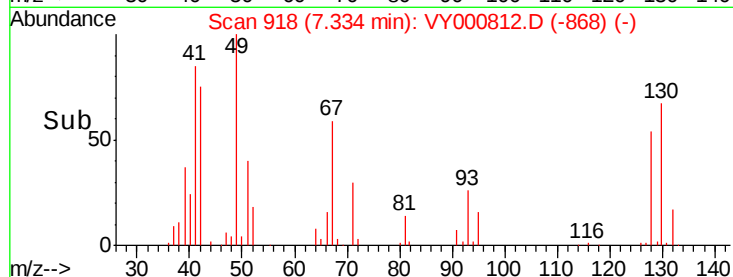
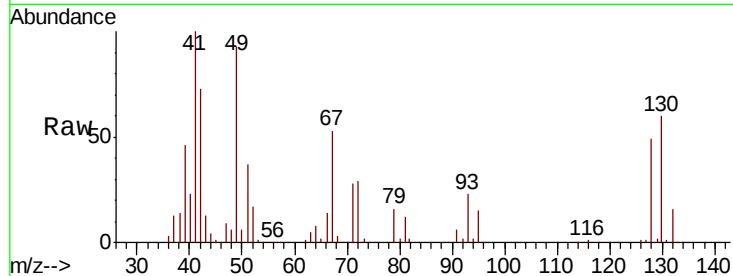
#41
Methacrylonitrile
Concen: 96.001 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

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

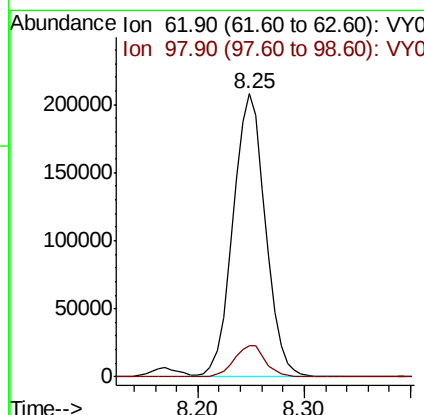
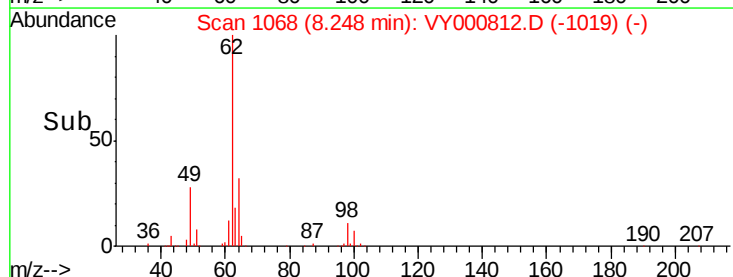
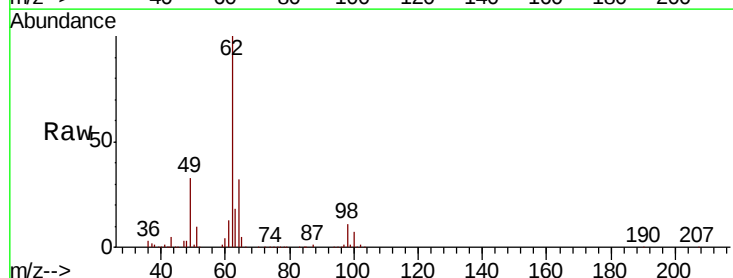
Manual Integrations
APPROVED

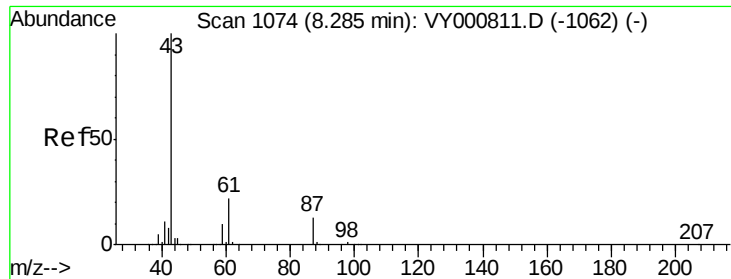
MMDadoda
12/2/2019 11:37:22 AM



#42
1,2-Dichloroethane
Concen: 95.090 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





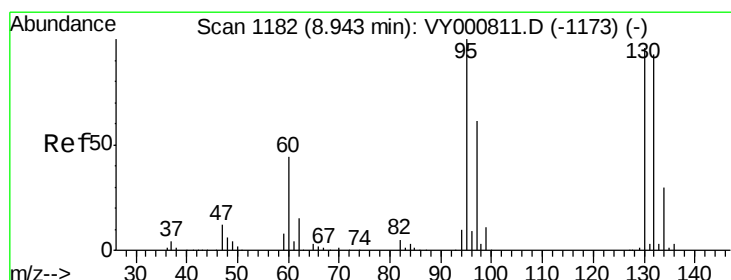
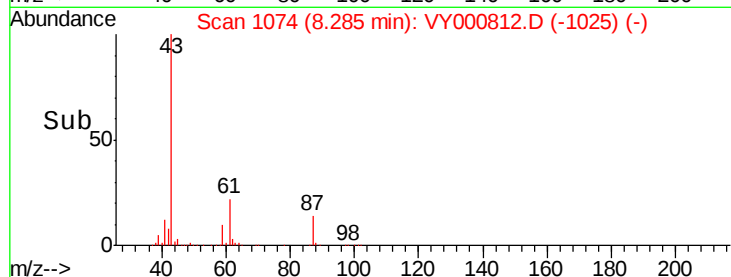
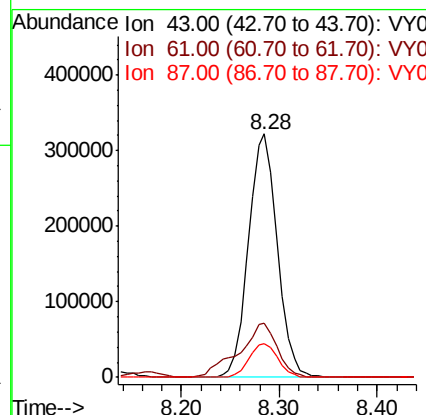
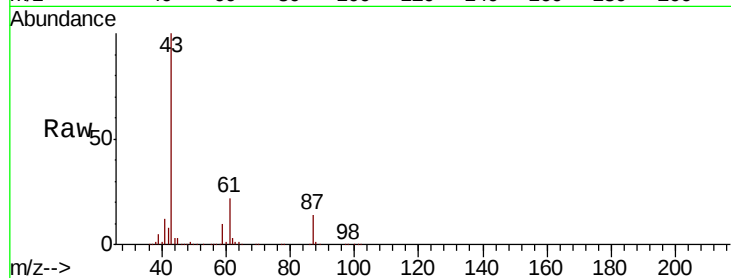
#43
Isopropyl Acetate
Concen: 102.529 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	654982
Ion Ratio	100	Lower	Upper
43	100		
61	29.6	23.7	35.5
87	14.0	10.6	15.8

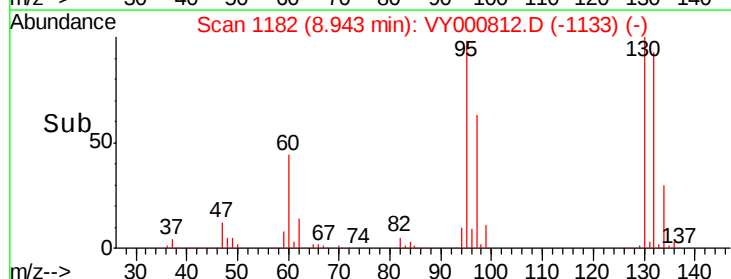
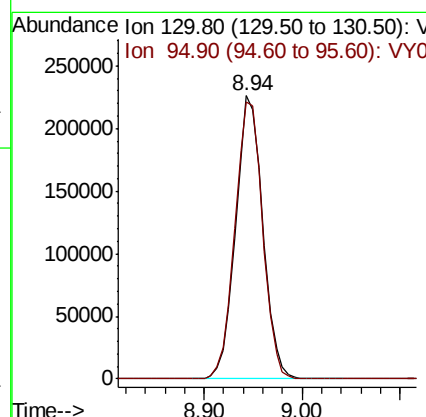
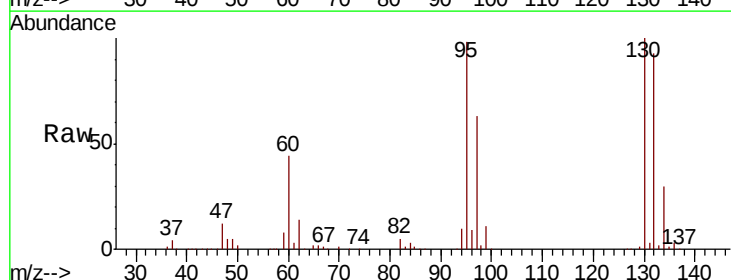
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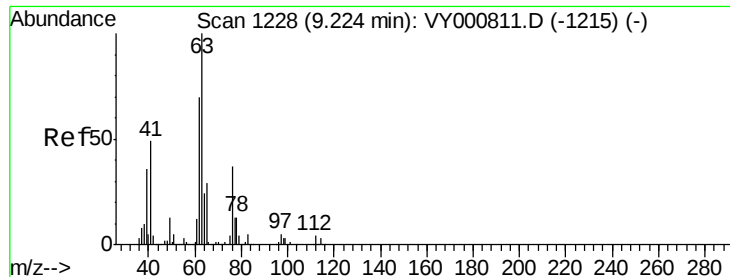
MMDadoda
12/2/2019 11:37:22 AM



#44
Trichloroethene
Concen: 98.987 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	130	Resp	433583
Ion Ratio	100	Lower	Upper
130	100		
95	97.9	0.0	207.8





#45

1,2-Dichloropropane

Concen: 103.499 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 427605

Ion Ratio Lower Upper

63 100

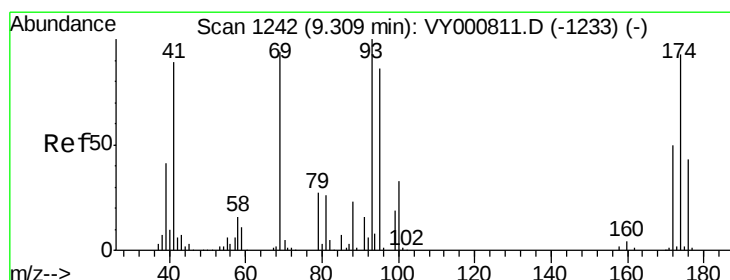
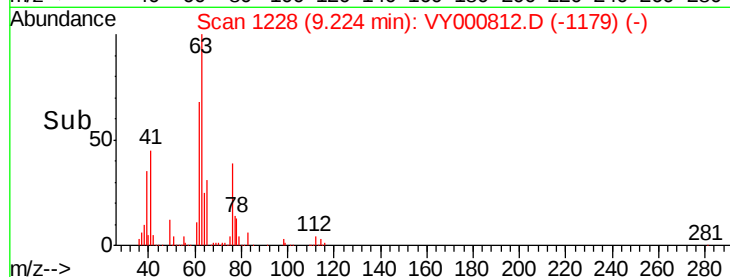
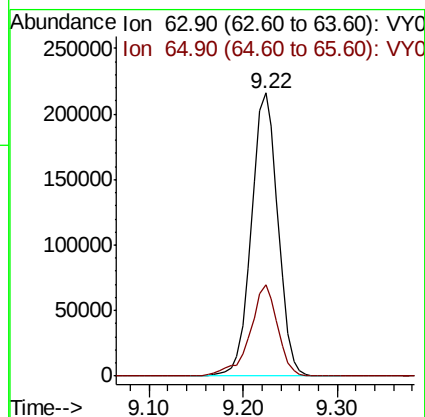
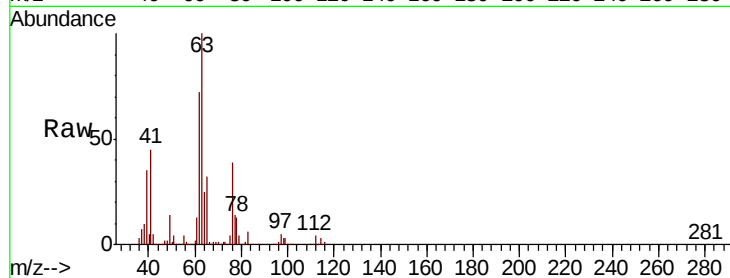
65 32.3 23.2 34.8

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#46

Dibromomethane

Concen: 99.557 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

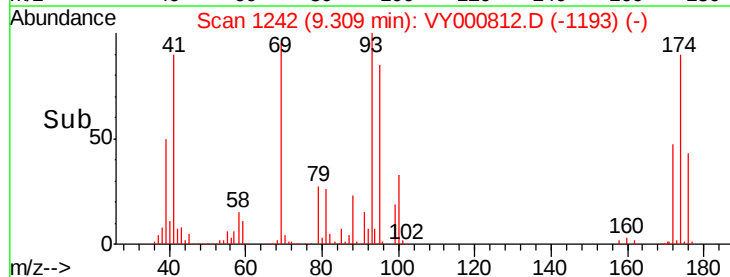
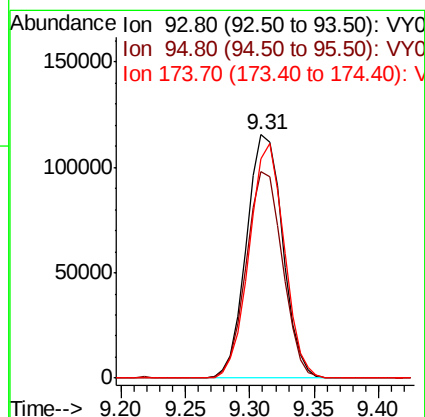
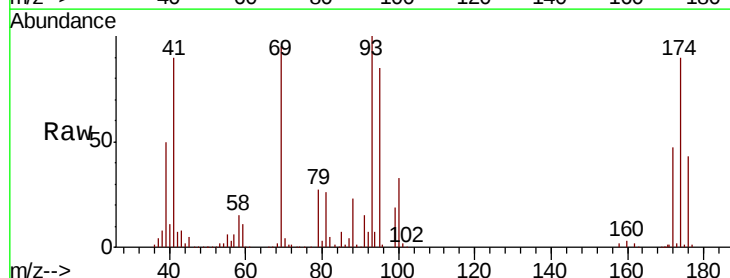
Tgt Ion: 93 Resp: 224437

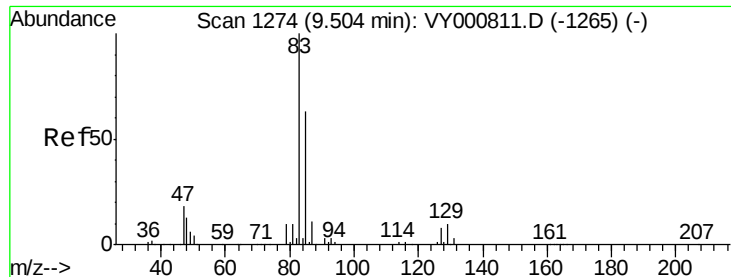
Ion Ratio Lower Upper

93 100

95 85.0 66.4 99.6

174 92.8 73.0 109.6





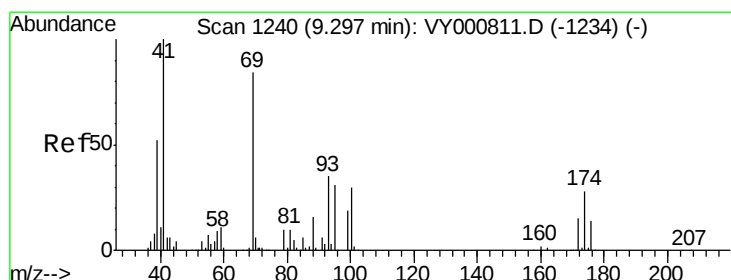
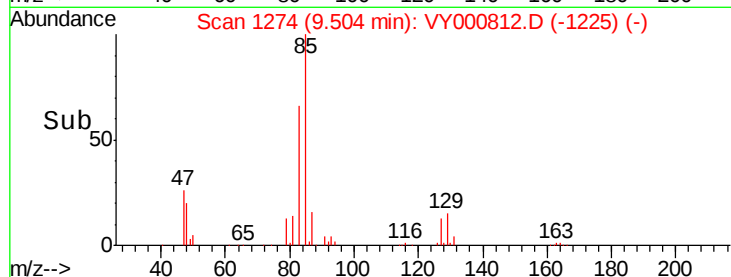
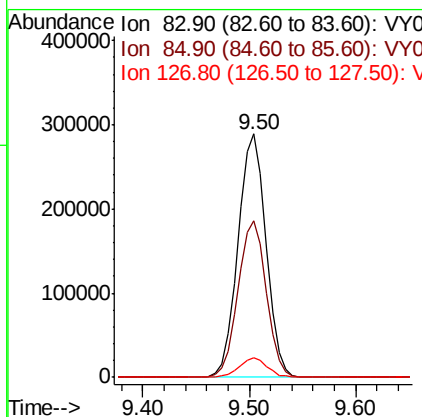
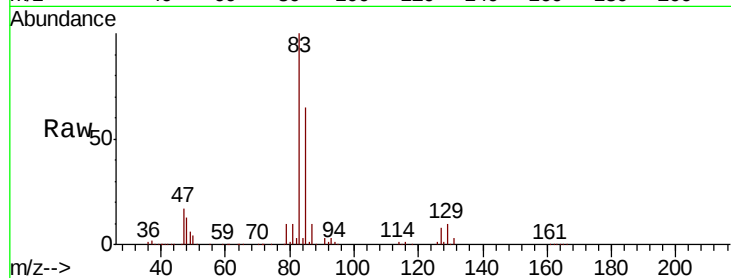
#47
Bromodichloromethane
Concen: 100.321 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	533346		
85	64.5	50.8	76.2	
127	8.1	6.6	10.0	

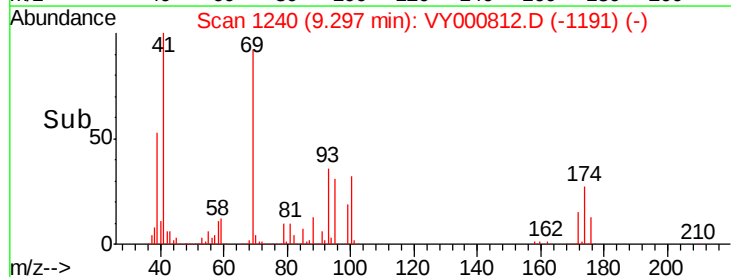
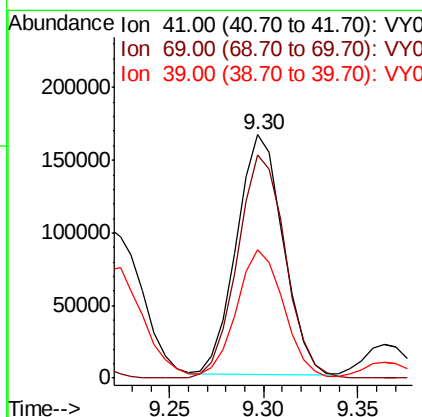
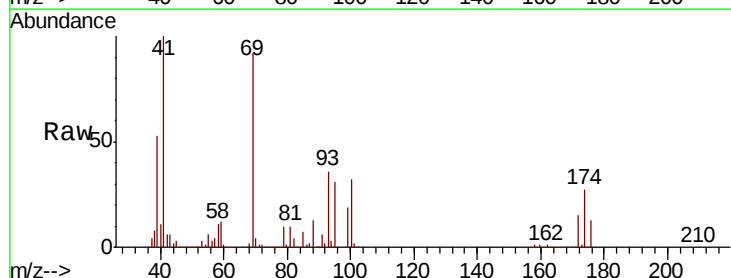
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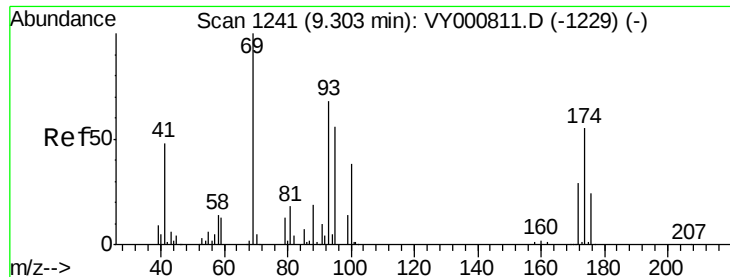
MMDadoda
12/2/2019 11:37:22 AM



#48
Methyl methacrylate
Concen: 101.375 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	285449		
69	95.3	70.4	105.6	
39	51.6	40.9	61.3	





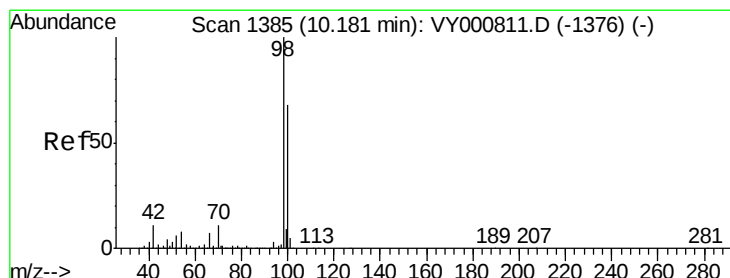
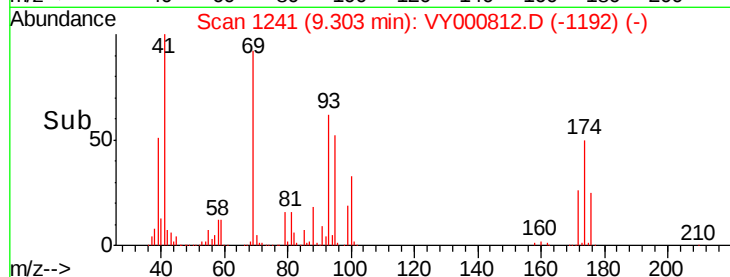
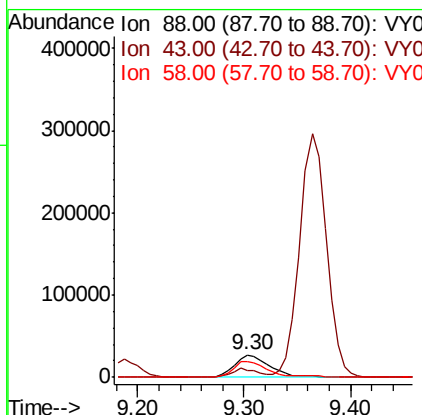
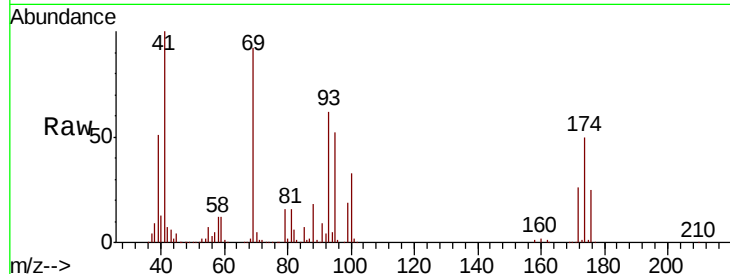
#49
1,4-Dioxane
Concen: 2077.877 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	21.1	31.7
58	71.9	50.7	76.1

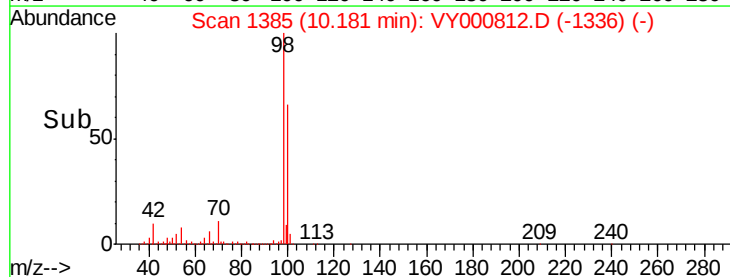
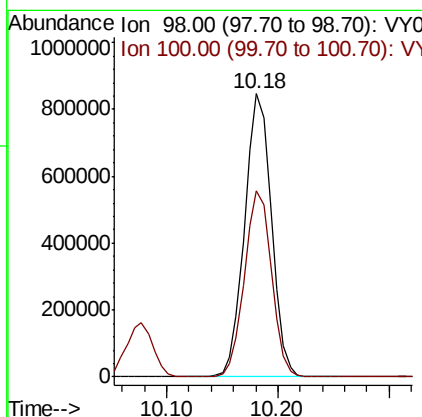
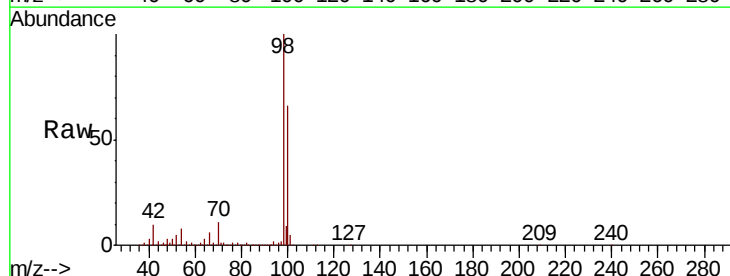
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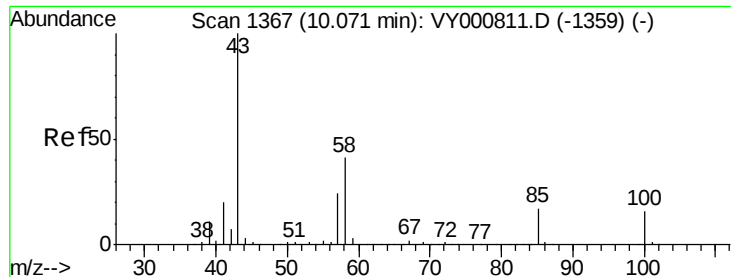
MMDadoda
12/2/2019 11:37:22 AM



#50
Toluene-d8
Concen: 108.290 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 506.525 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1709655

Ion Ratio Lower Upper

43 100

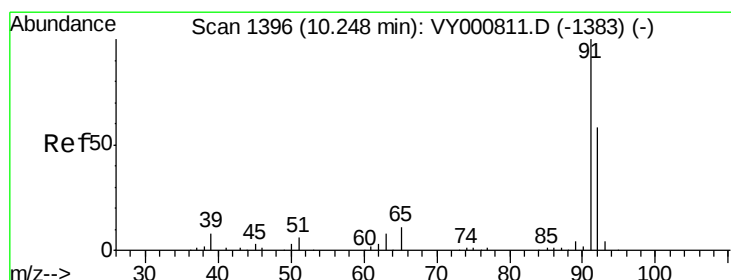
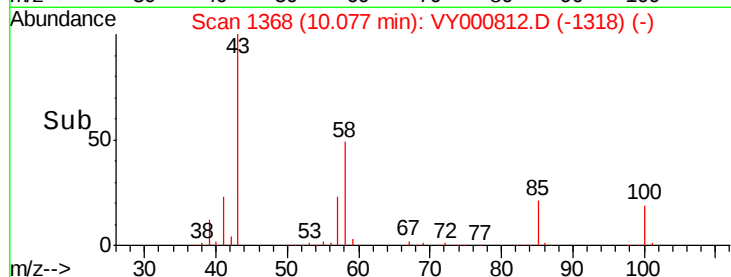
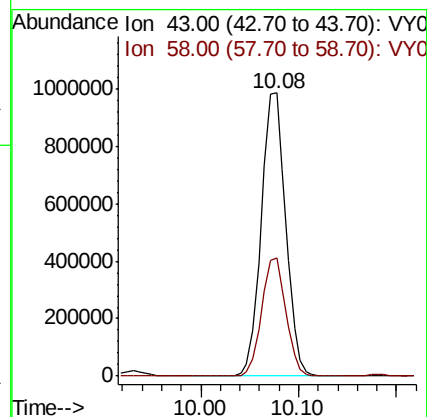
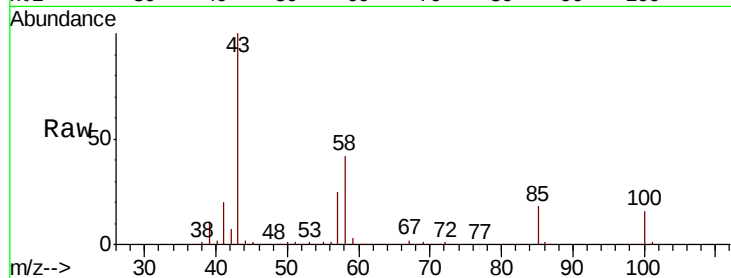
58 41.4 33.1 49.7

Manual Integrations

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MMDadoda

12/2/2019 11:37:22 AM



#52

Toluene

Concen: 100.265 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000812.D

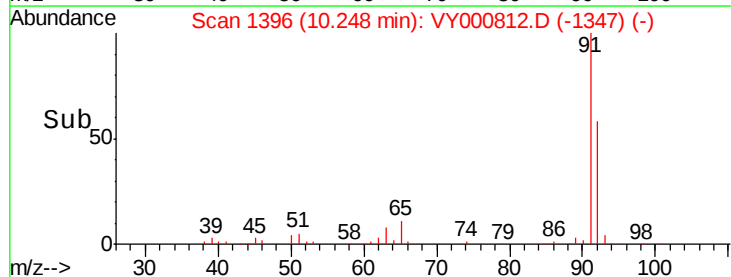
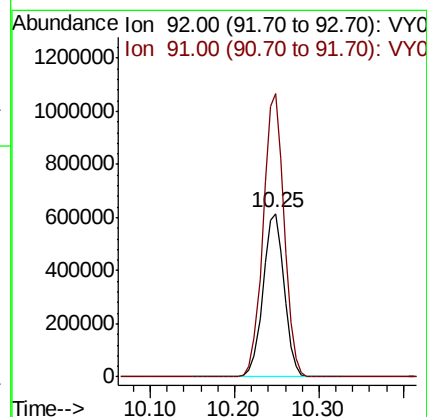
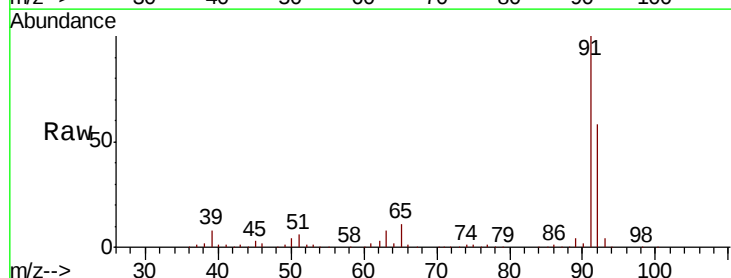
Acq: 27 Nov 2019 12:00

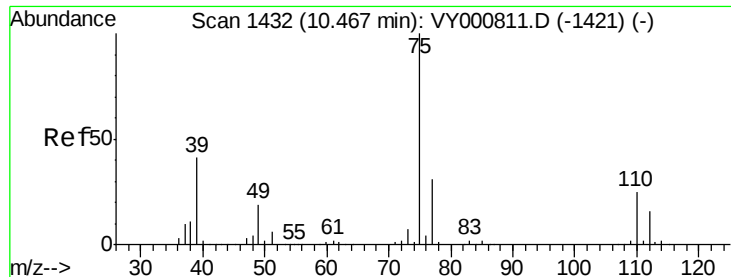
Tgt Ion: 92 Resp: 1054592

Ion Ratio Lower Upper

92 100

91 172.3 136.6 204.8





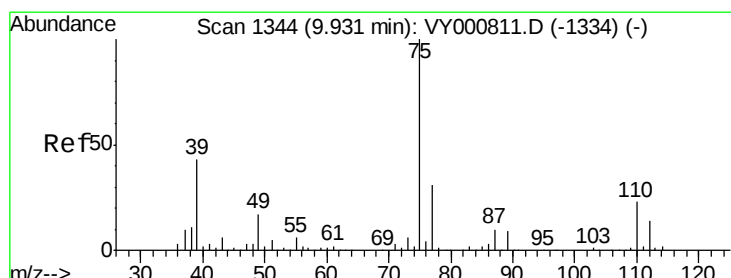
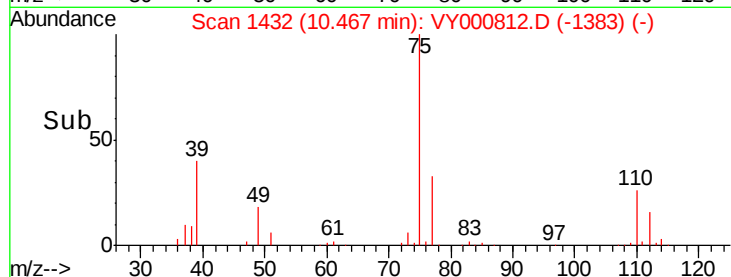
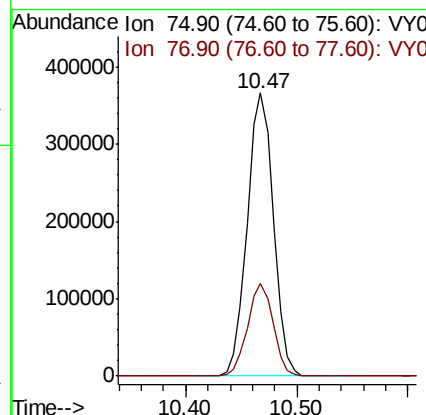
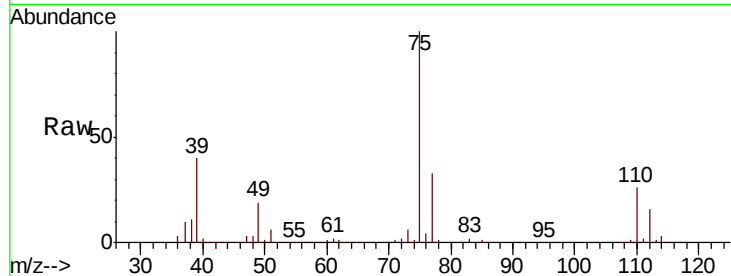
#53
 t-1,3-Dichloropropene
 Concen: 104.959 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.1	37.7

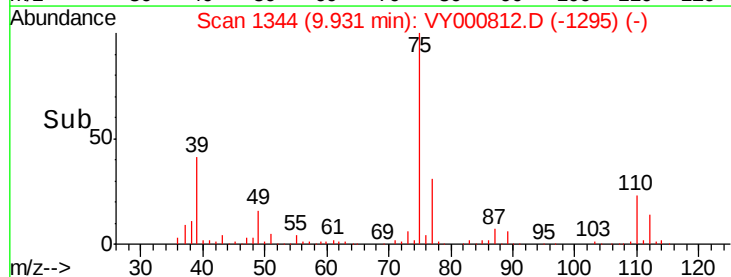
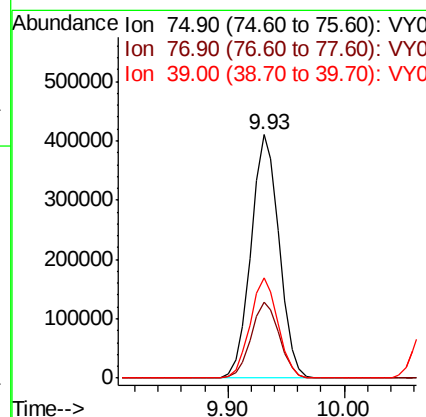
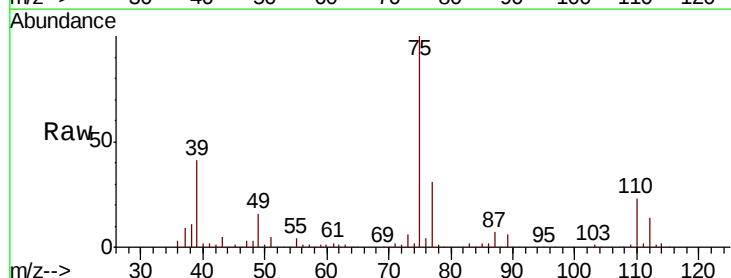
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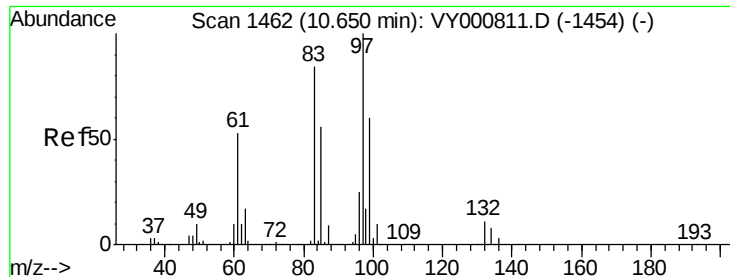
MMDadoda
 12/2/2019 11:37:22 AM



#54
 cis-1,3-Dichloropropene
 Concen: 105.581 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.7	37.1
39	41.1	34.5	51.7





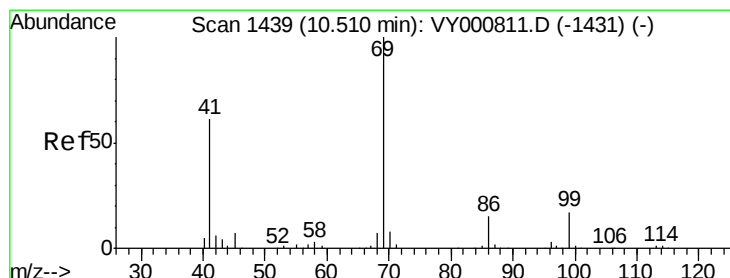
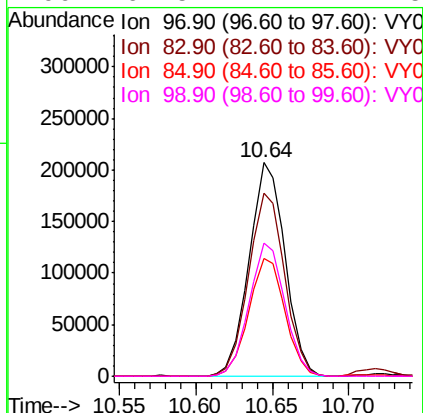
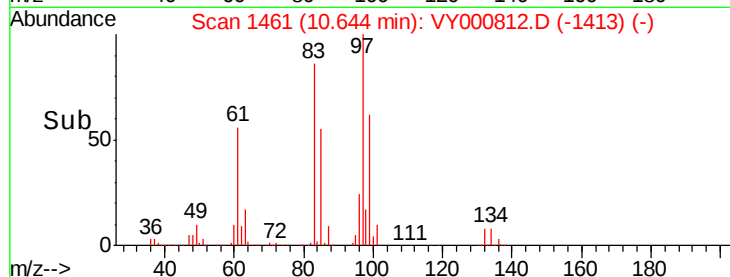
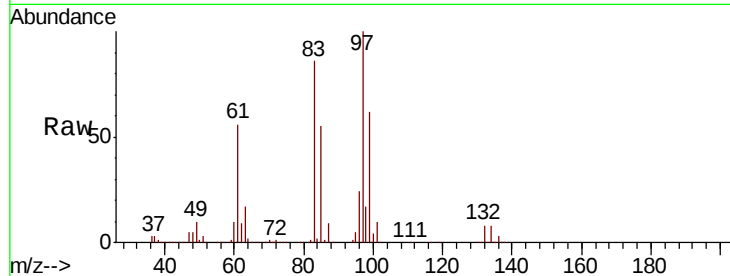
#55
1,1,2-Trichloroethane
Concen: 103.658 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:	97	Resp:	338686
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.5	101.3
85	55.2	44.5	66.7
99	62.5	47.7	71.5

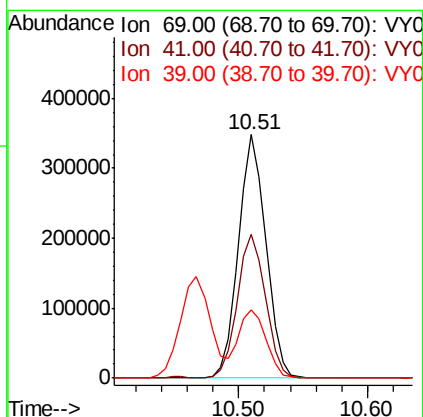
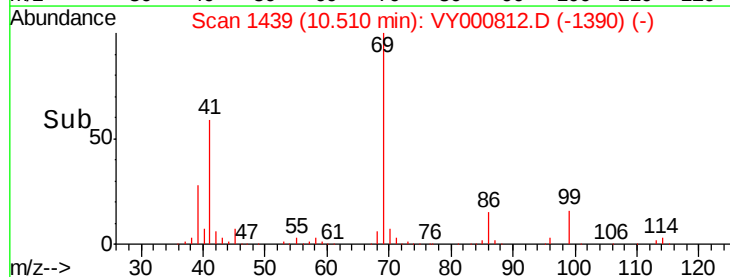
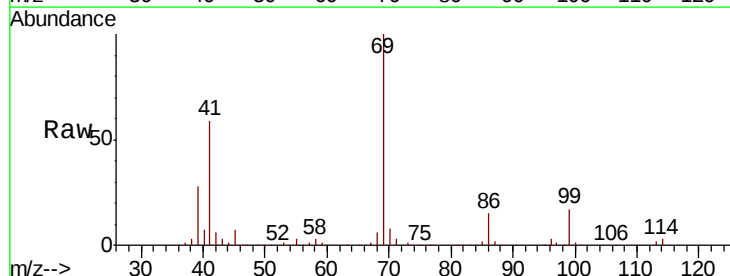
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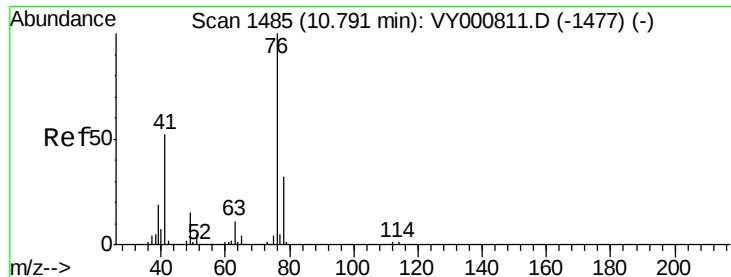
MMDadoda
12/2/2019 11:37:22 AM



#56
Ethyl methacrylate
Concen: 110.781 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion:	69	Resp:	515965
Ion	Ratio	Lower	Upper
69	100		
41	60.0	49.0	73.6
39	27.8	23.1	34.7





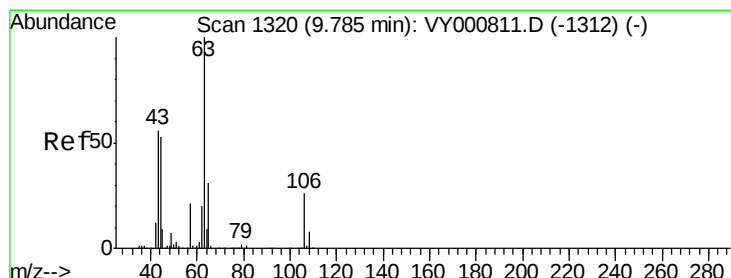
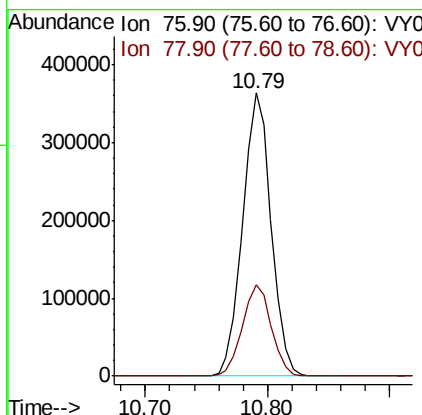
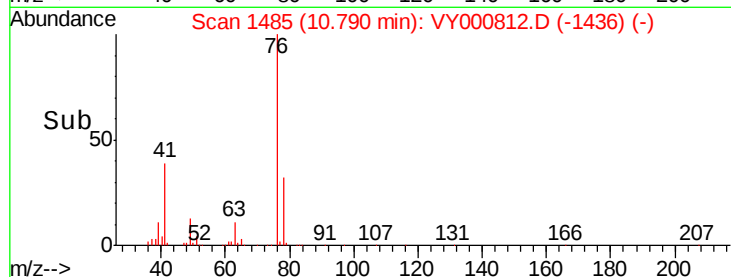
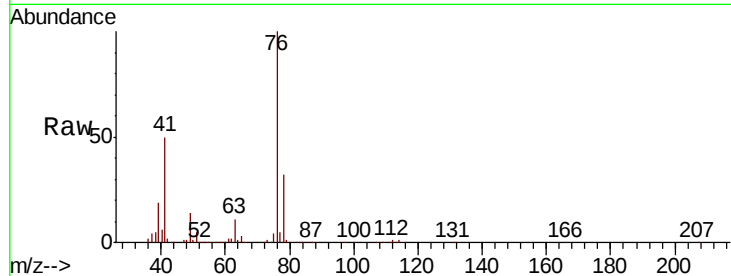
#57
 1,3-Dichloropropane
 Concen: 102.485 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.4	39.6

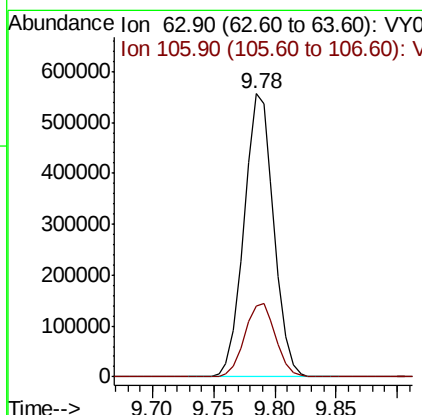
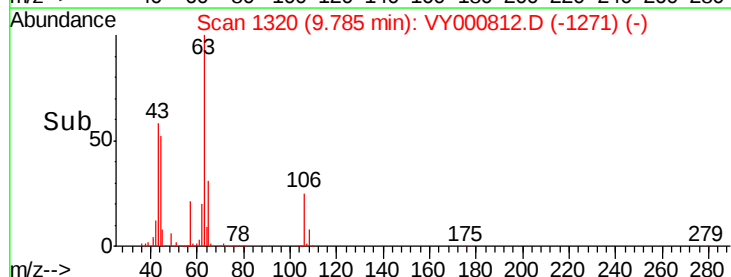
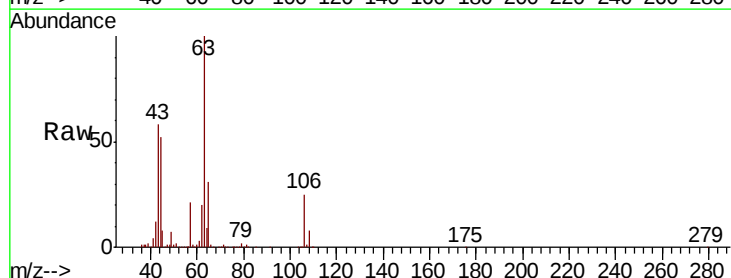
Manual Integrations
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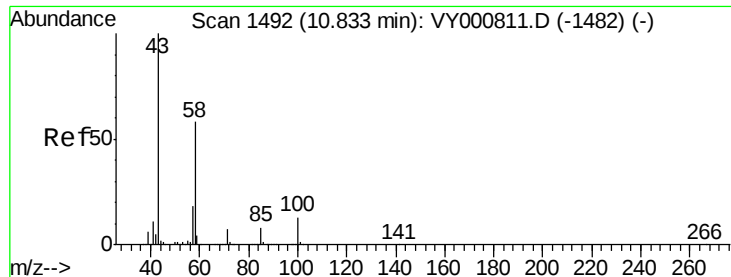
MMDadoda
 12/2/2019 11:37:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 463.332 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.5	32.3





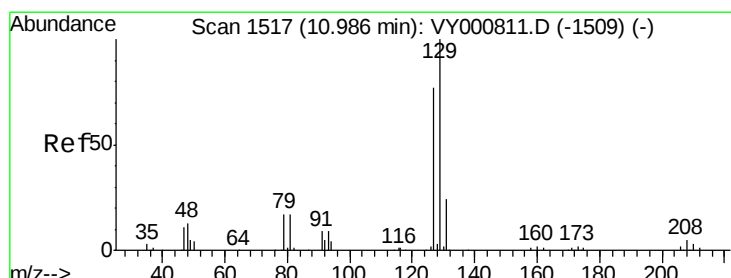
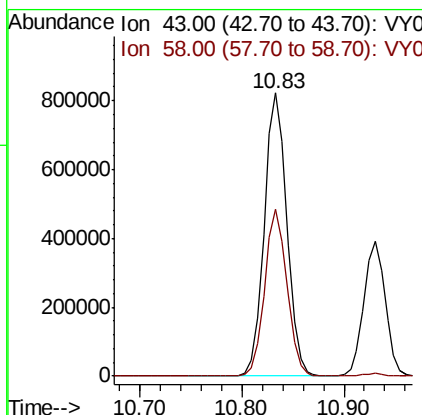
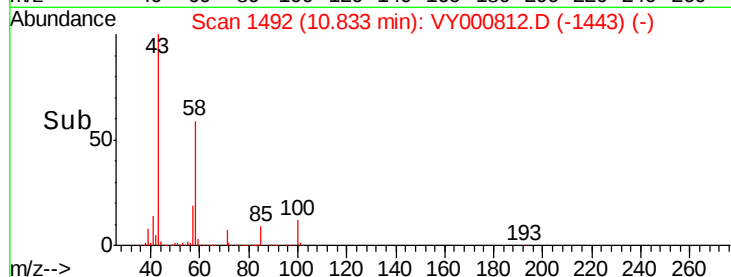
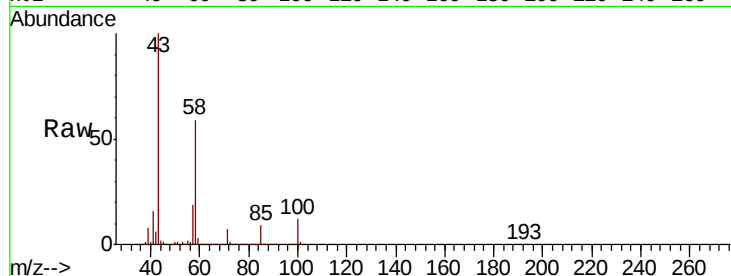
#59
2-Hexanone
Concen: 512.208 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1265835
Ion Ratio Lower Upper
43 100
58 58.3 29.0 87.1

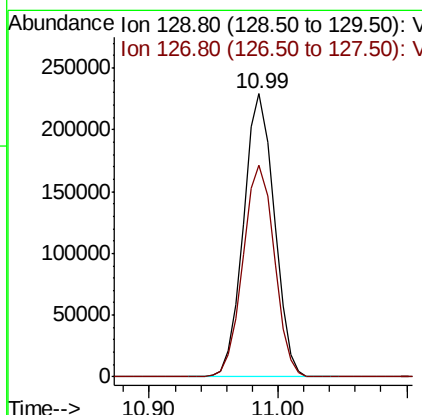
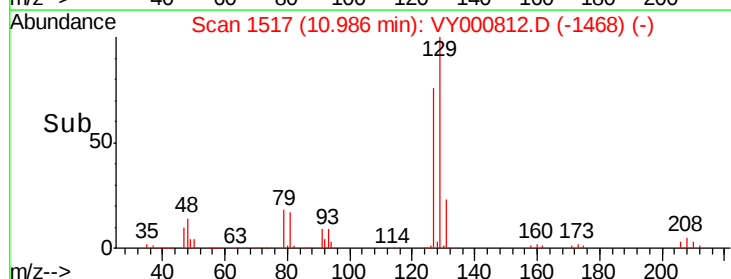
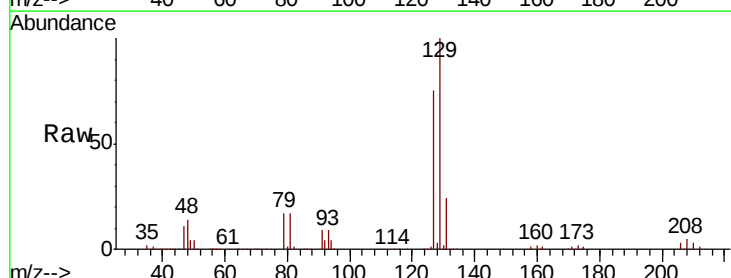
Manual Integrations
APPROVED

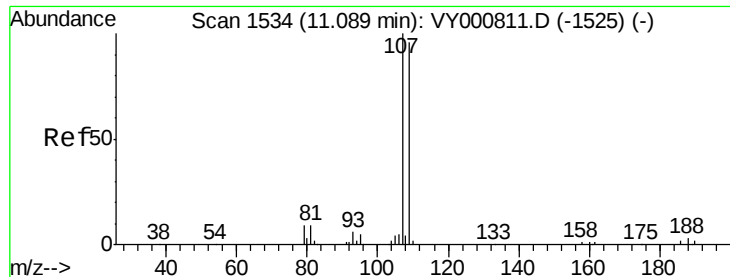
MMDadoda
12/2/2019 11:37:22 AM



#60
Dibromochloromethane
Concen: 101.905 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion: 129 Resp: 377458
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





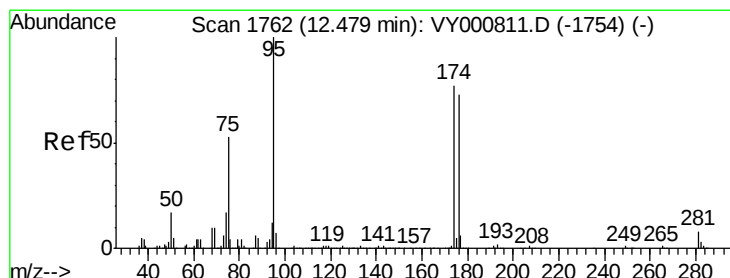
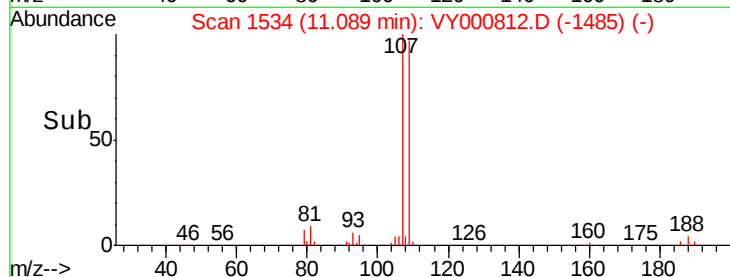
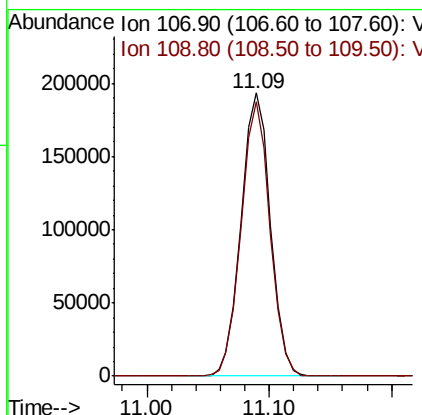
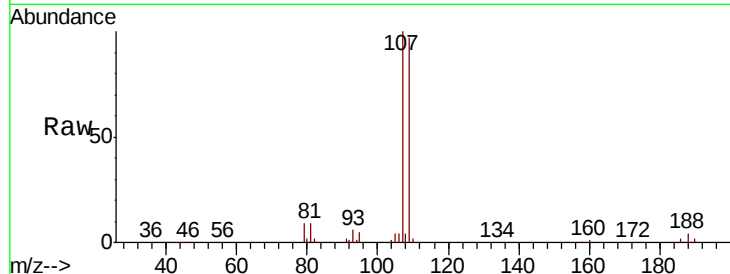
#61
 1,2-Dibromoethane
 Concen: 102.400 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.9	113.9

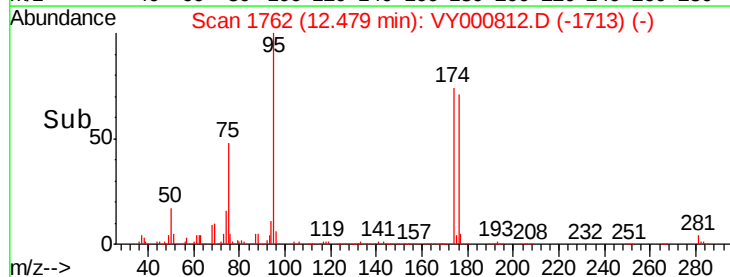
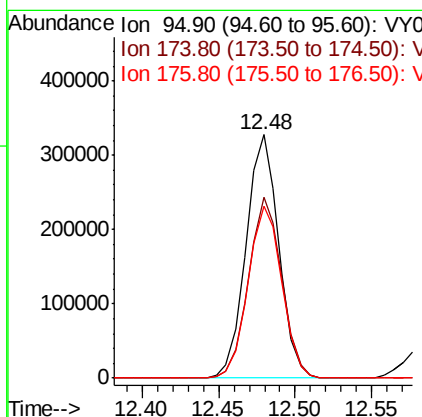
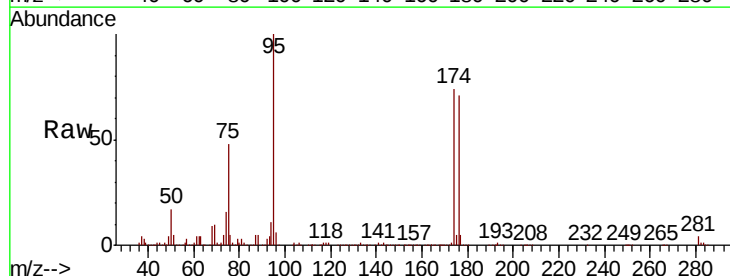
Manual Integrations
 APPROVED

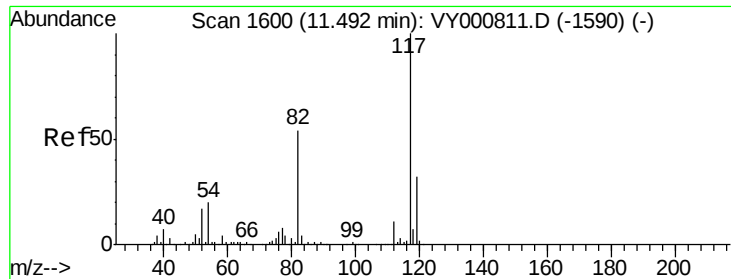
MMDadoda
 12/2/2019 11:37:22 AM



#62
 4-Bromofluorobenzene
 Concen: 97.567 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.6
176	73.0	0.0	145.2





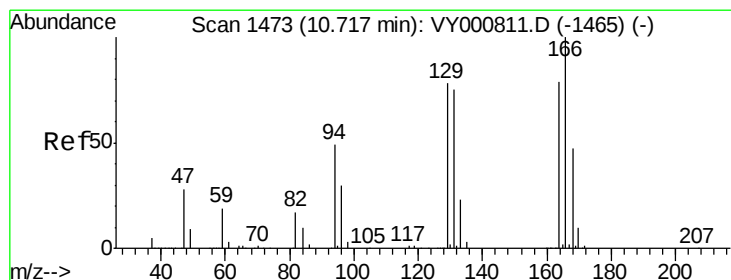
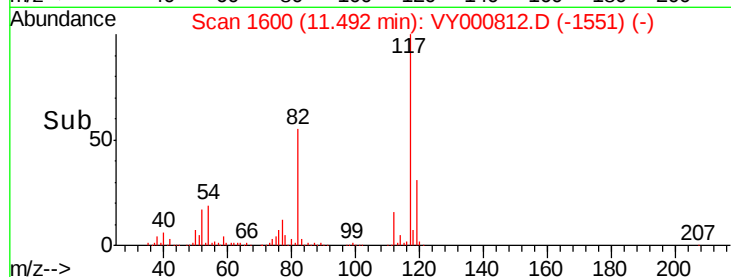
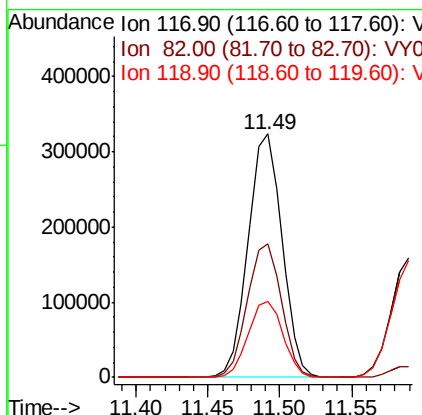
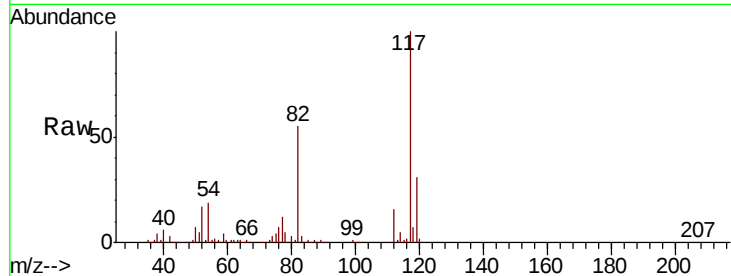
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.1	64.7
119	31.0	25.3	37.9

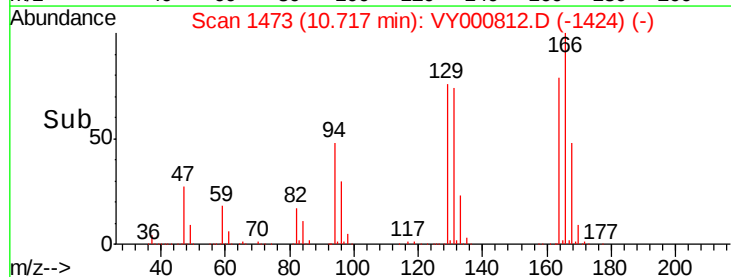
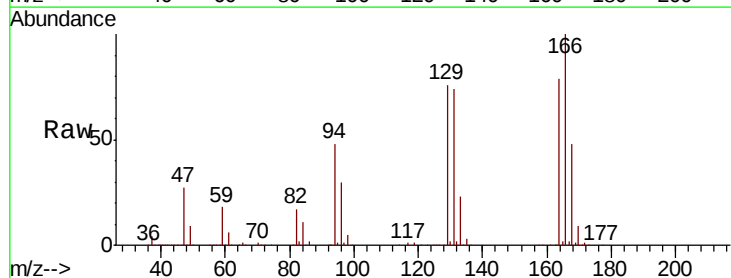
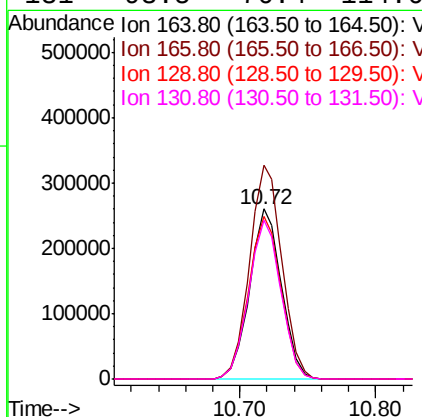
Manual Integrations
APPROVED

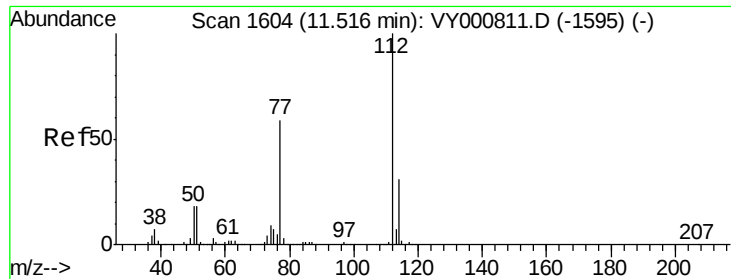
MMDadoda
12/2/2019 11:37:22 AM



#64
Tetrachloroethene
Concen: 96.476 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.8	152.8
129	95.6	79.3	118.9
131	93.5	76.4	114.6





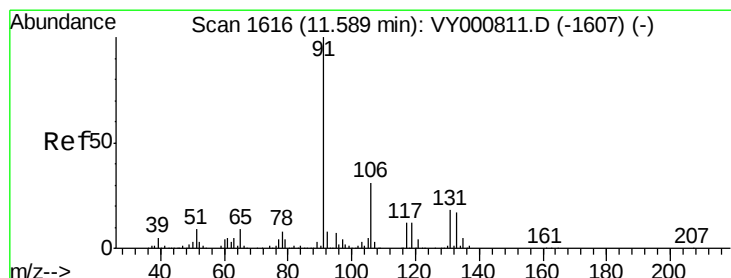
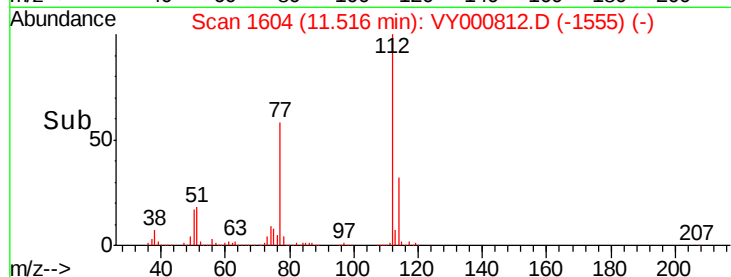
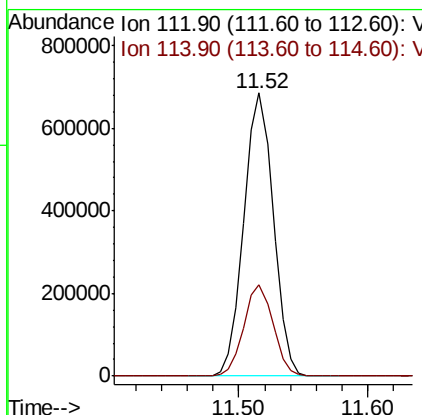
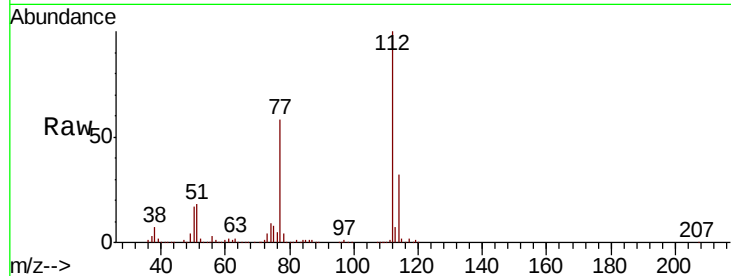
#65
Chlorobenzene
Concen: 100.049 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1082110
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

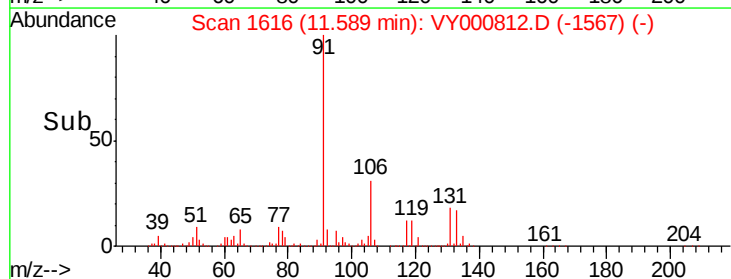
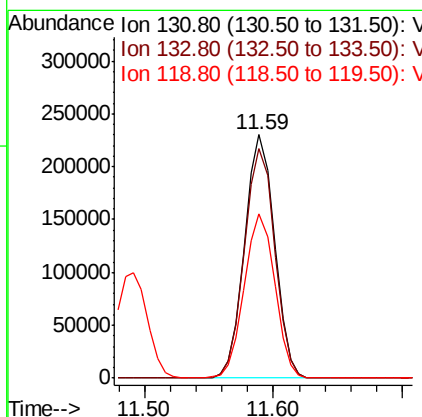
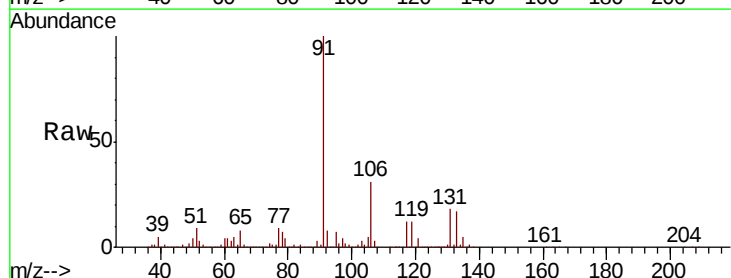
Manual Integrations
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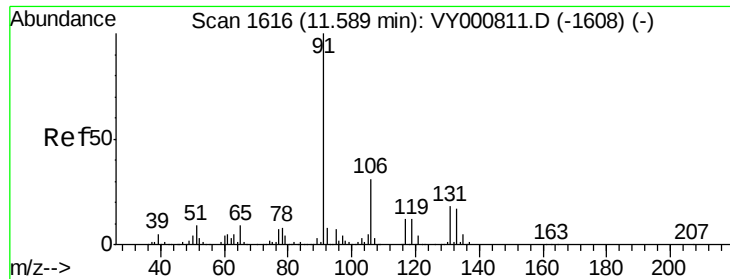
MMDadoda
12/2/2019 11:37:22 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 99.606 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion:131 Resp: 370646
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 68.7 33.8 101.3





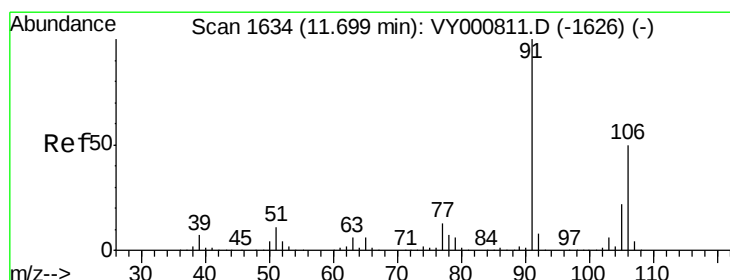
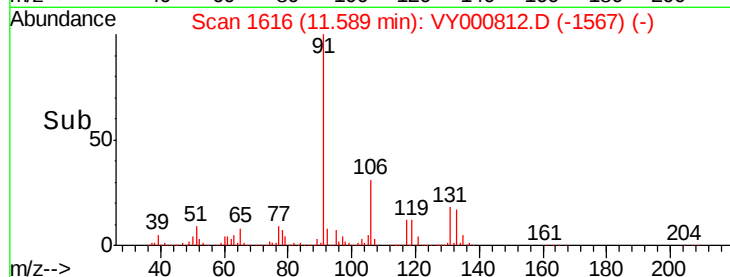
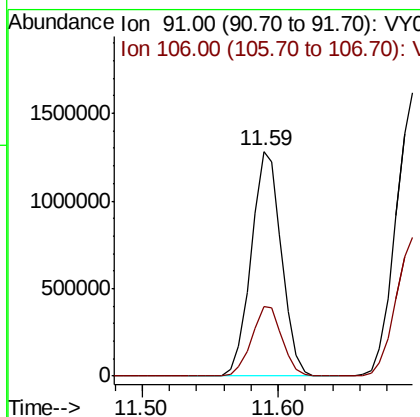
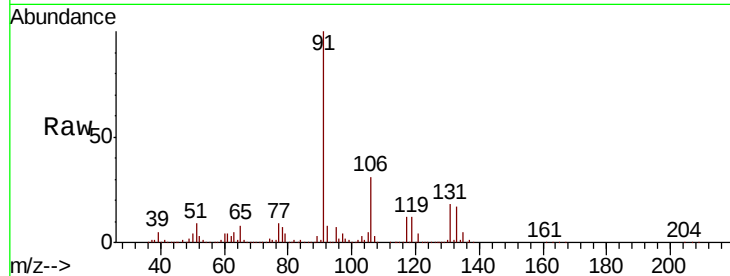
#67
Ethyl Benzene
Concen: 100.609 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1997332
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

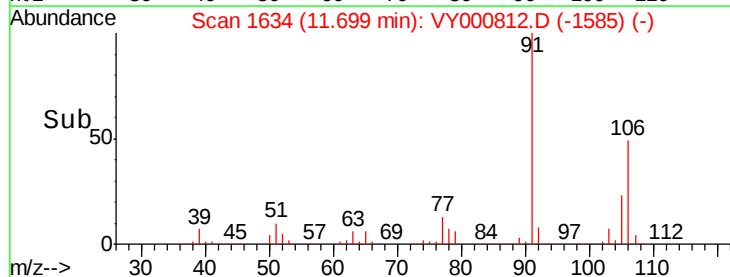
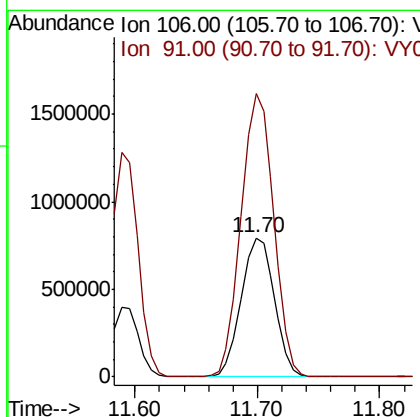
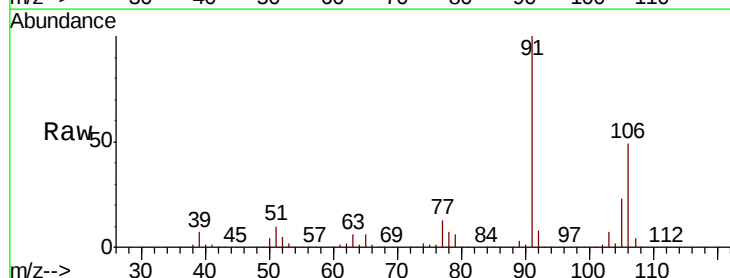
Manual Integrations
APPROVED

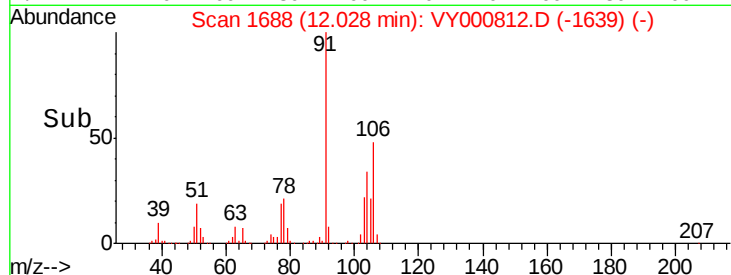
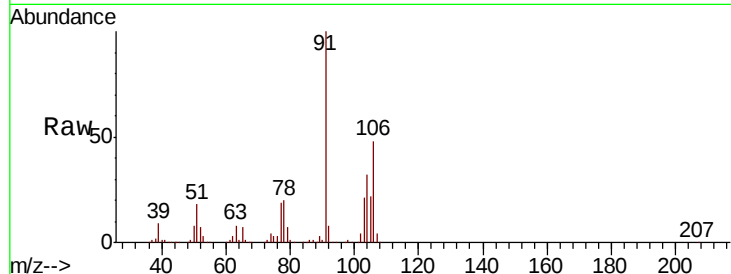
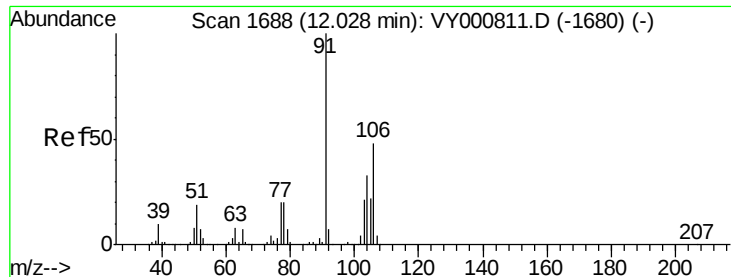
MMDadoda
12/2/2019 11:37:22 AM



#68
m/p-Xylenes
Concen: 196.093 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion: 106 Resp: 1496147
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





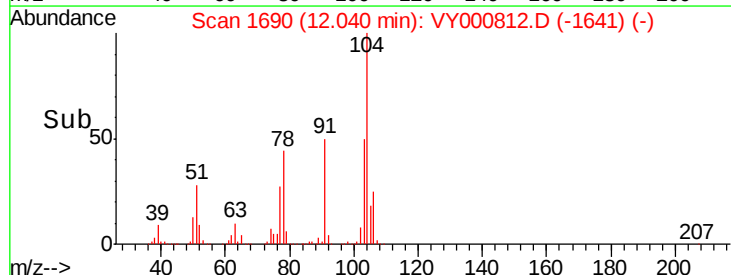
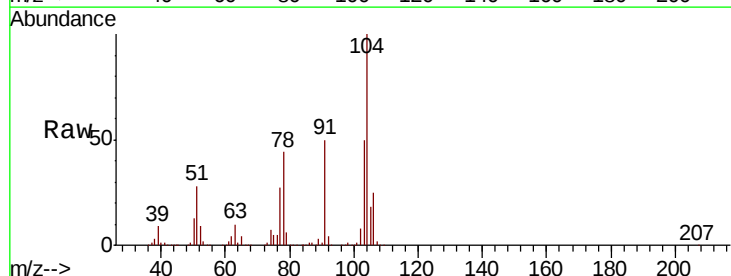
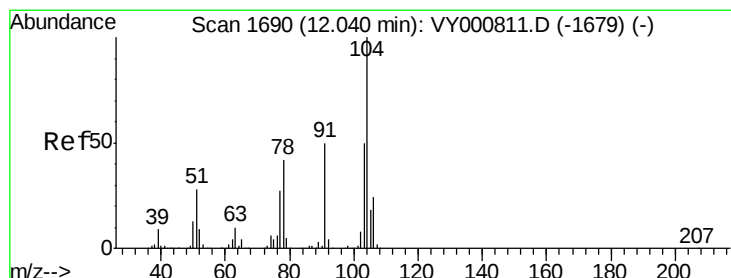
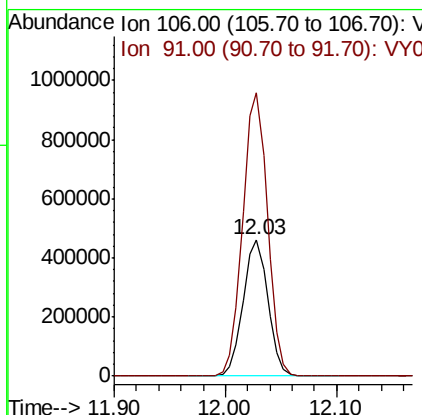
#69
o-Xylene
Concen: 98.440 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tot Ion:106 Resp: 709329
Ion Ratio Lower Upper
106 100
91 209.2 106.1 318.1

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

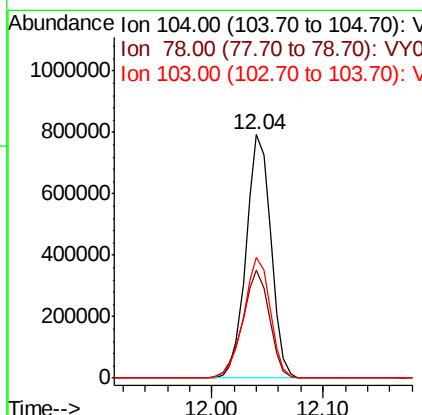
Manual Integrations
APPROVED

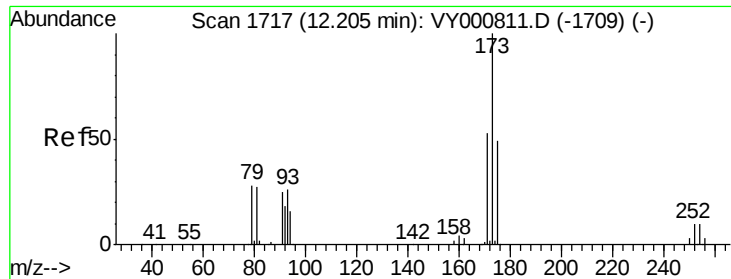
MMDadoda
12/2/2019 11:37:22 AM



#70
Styrene
Concen: 99.740 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion:104 Resp: 1228027
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 53.2 43.4 65.0





#71

Bromoform

Concen: 104.796 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 224546

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

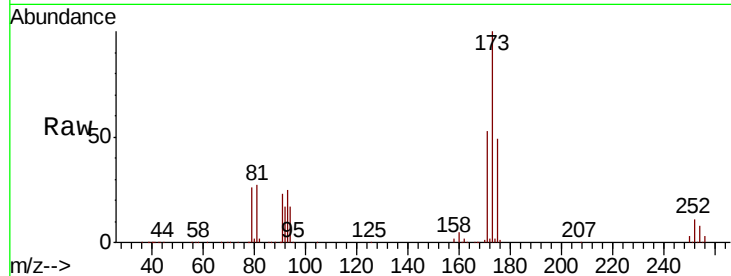
254 0.2 0.0 0.0#

Manual Integrations

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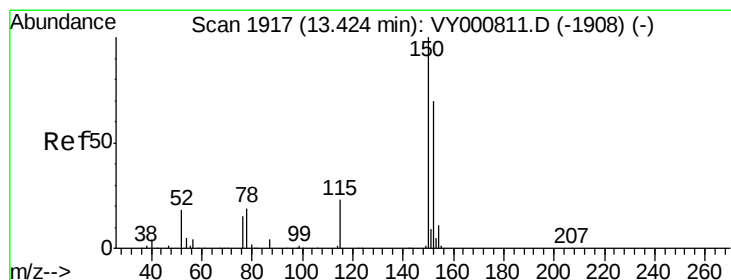
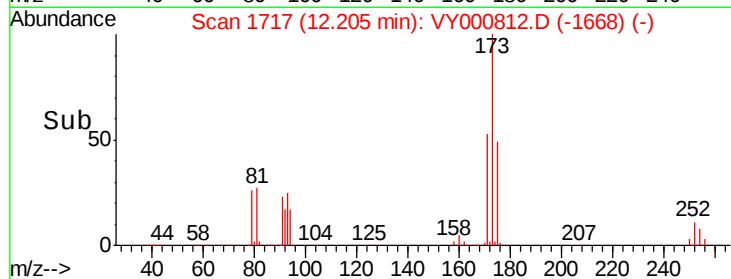
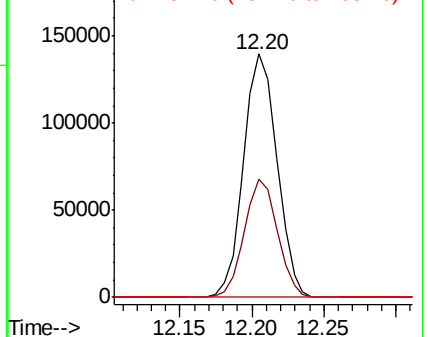
12/2/2019 11:37:22 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

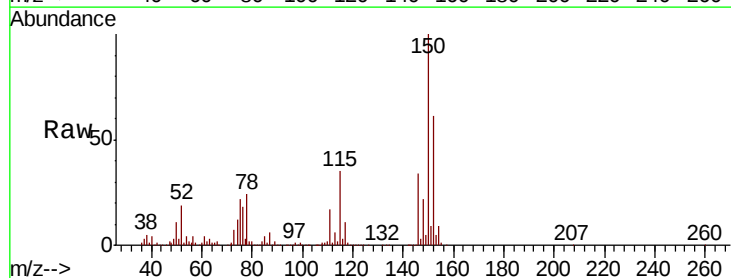
Tgt Ion:152 Resp: 239925

Ion Ratio Lower Upper

152 100

115 59.3 29.3 87.8

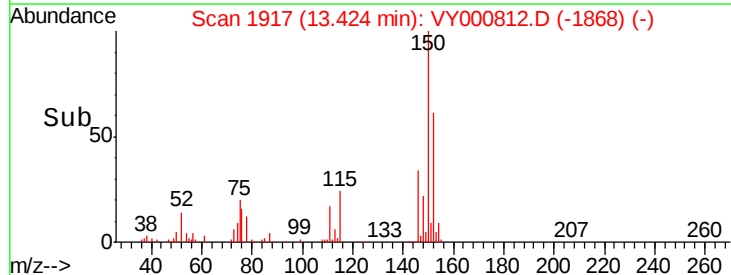
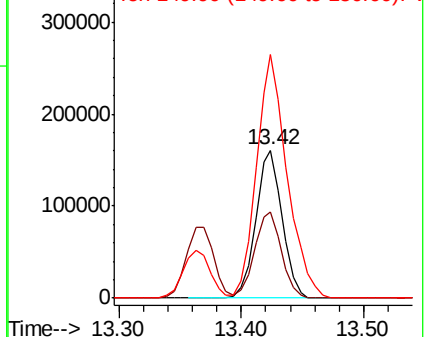
150 191.5 0.0 351.2

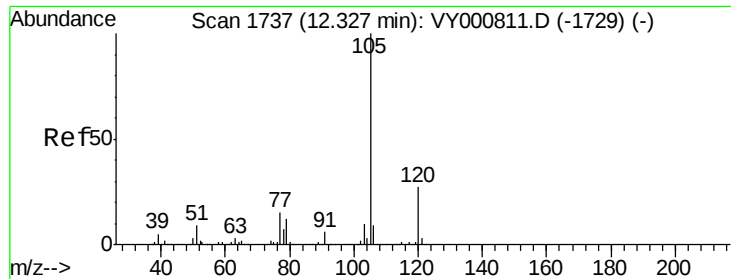


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





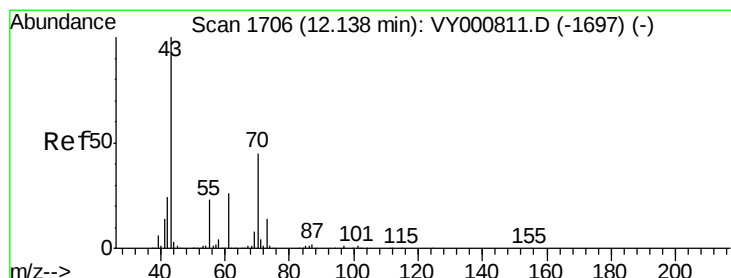
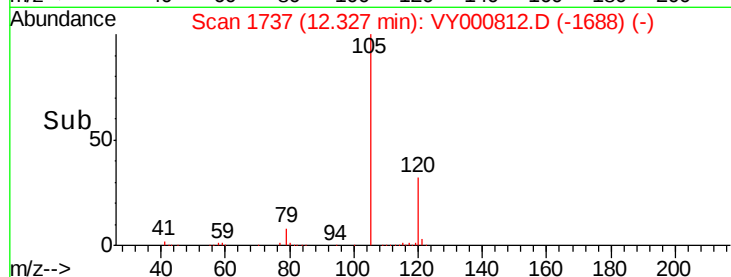
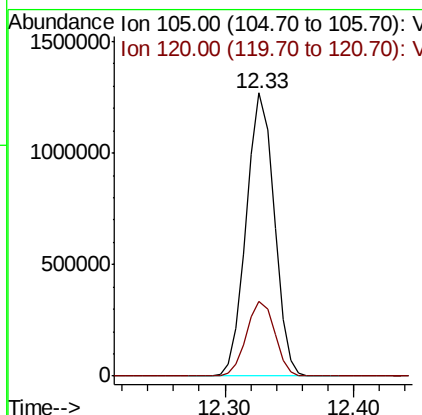
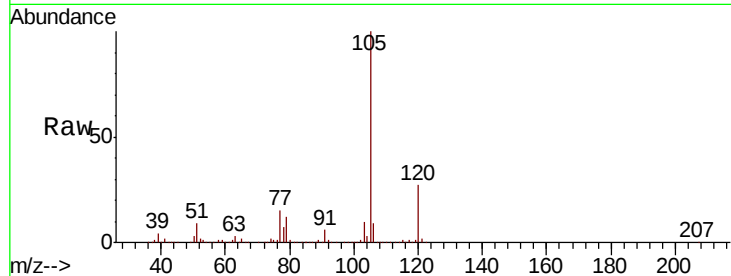
#73
Isopropylbenzene
Concen: 105.390 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion:105 Resp: 1904526
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

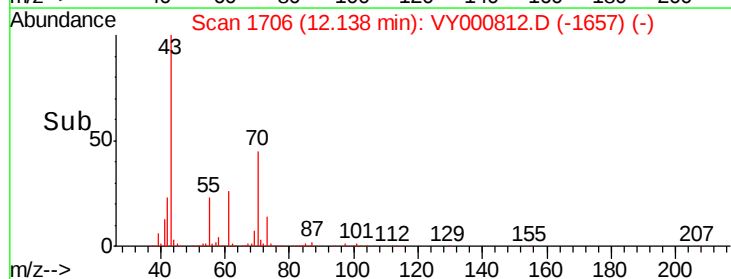
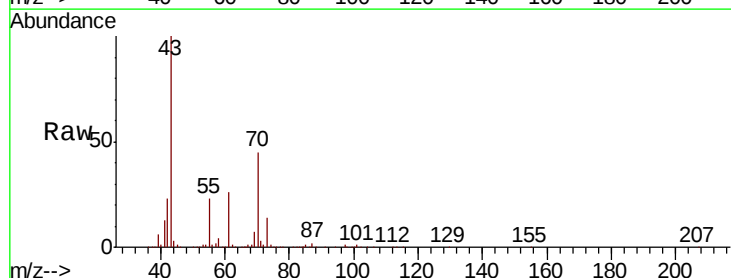
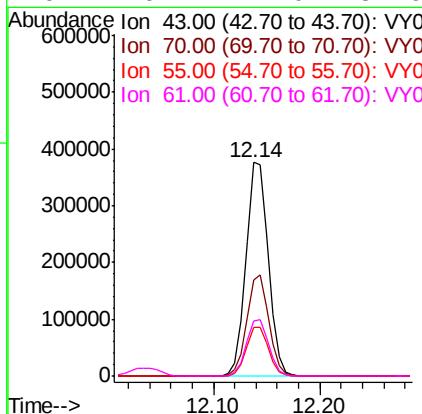
Manual Integrations
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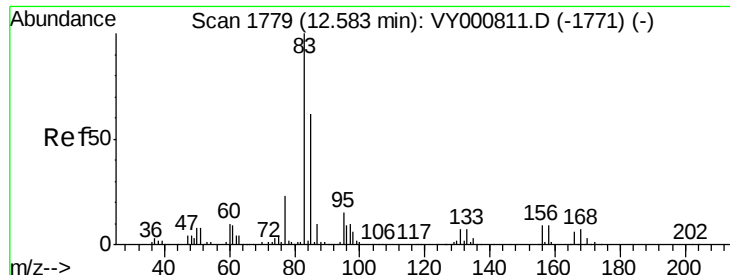
MMDadoda
12/2/2019 11:37:22 AM



#74
N-ethyl acetate
Concen: 106.912 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion: 43 Resp: 553541
Ion Ratio Lower Upper
43 100
70 46.9 36.6 54.8
55 23.1 18.8 28.2
61 26.7 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 108.094 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 391330

Ion Ratio Lower Upper

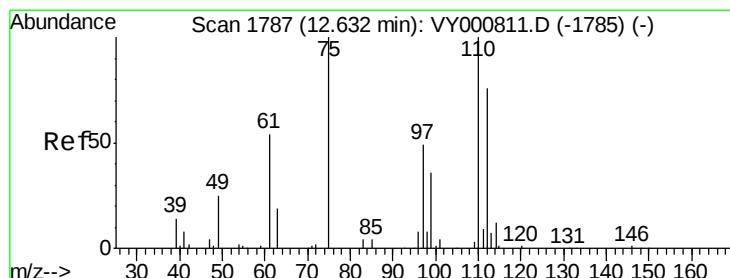
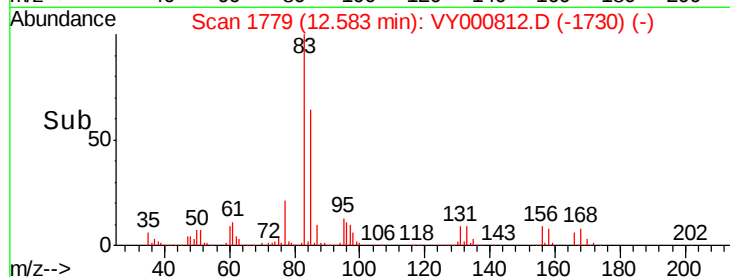
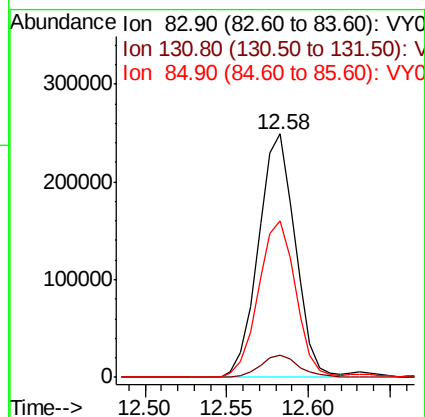
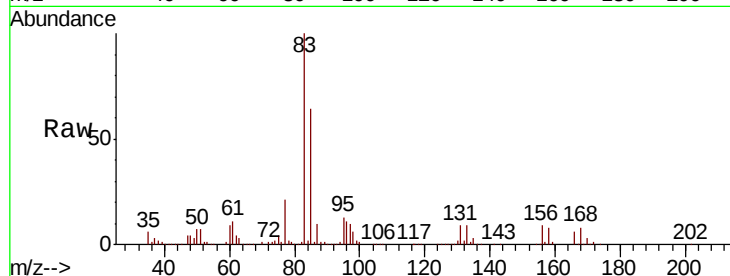
83 100

131 9.5 4.3 13.1

85 65.1 32.4 97.0

Manual Integrations
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12/2/2019 11:37:22 AM



#76

1,2,3-Trichloropropane

Concen: 104.843 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000812.D

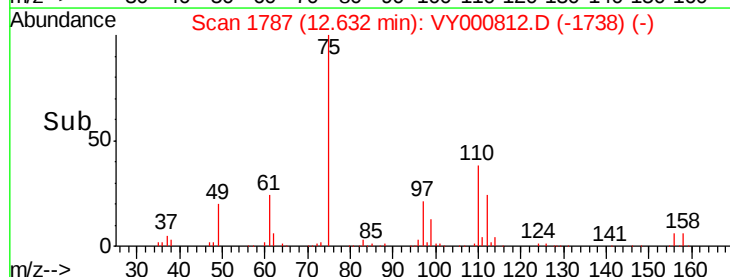
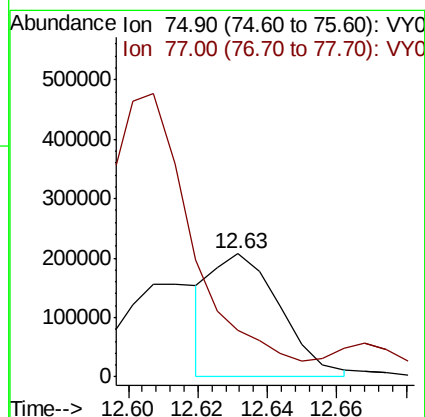
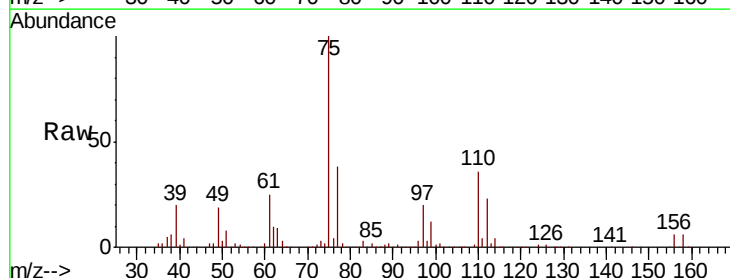
Acq: 27 Nov 2019 12:00

Tgt Ion: 75 Resp: 282581

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.672 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 415435

Ion Ratio Lower Upper

156 100

77 207.7 102.6 307.7

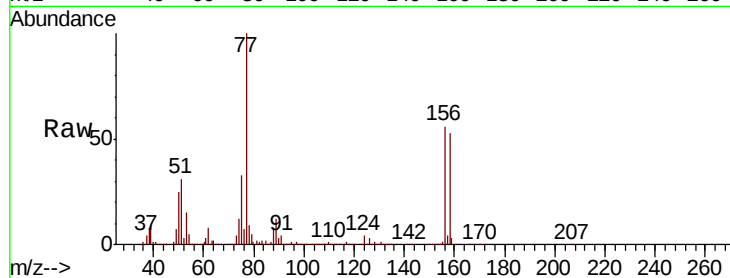
158 96.1 47.6 142.8

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

600000

500000

400000

300000

200000

100000

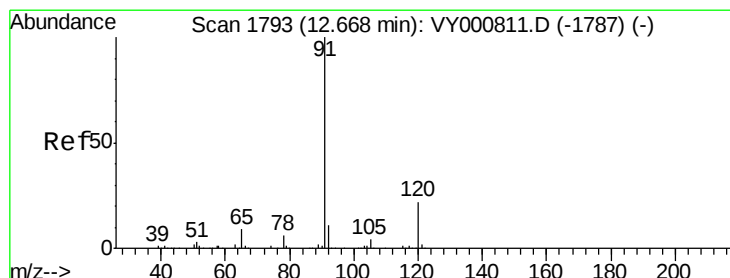
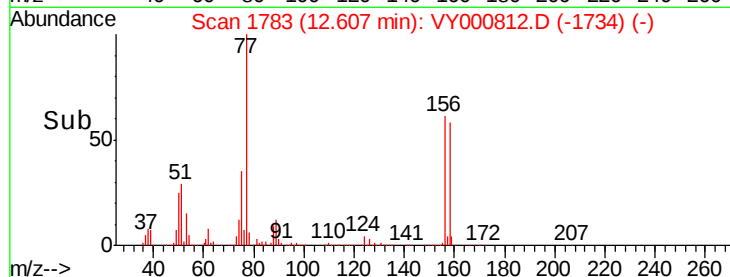
0

12.61

12.50

12.60

Time-->



#78

n-propylbenzene

Concen: 105.374 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000812.D

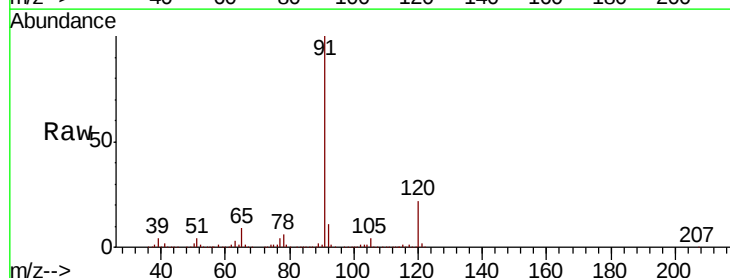
Acq: 27 Nov 2019 12:00

Tgt Ion: 91 Resp: 2301051

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

1500000

1000000

500000

0

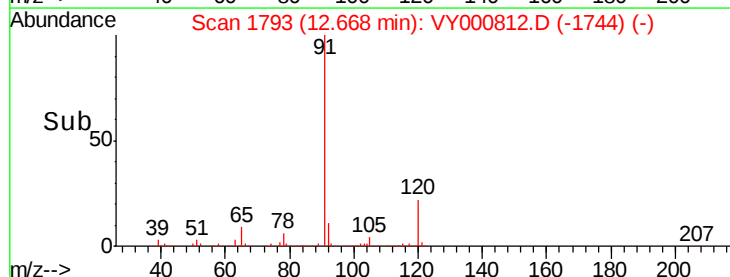
12.67

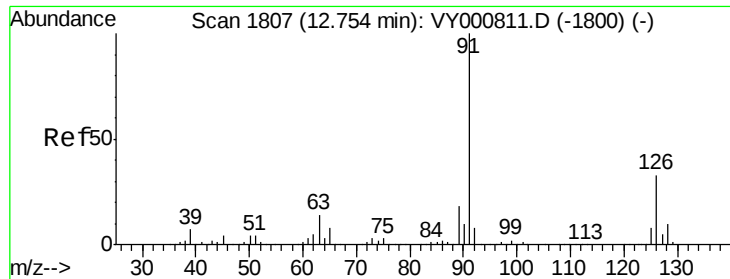
12.60

12.65

12.70

Time-->





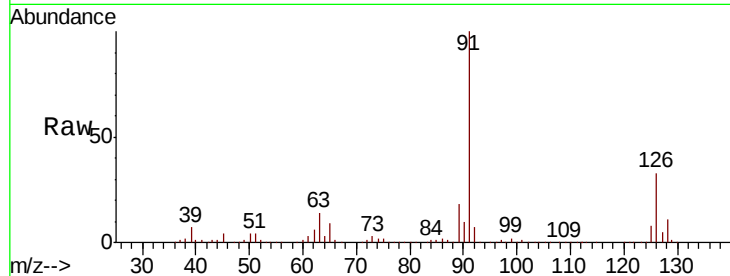
#79
2-Chlorotoluene
Concen: 104.361 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

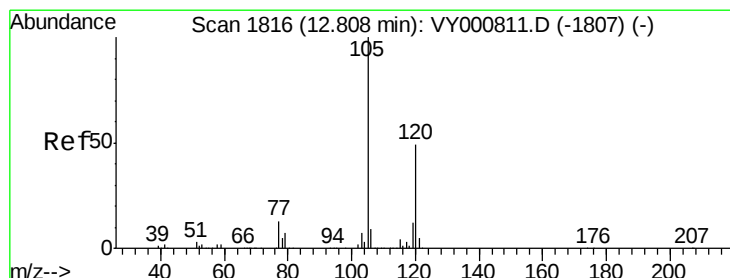
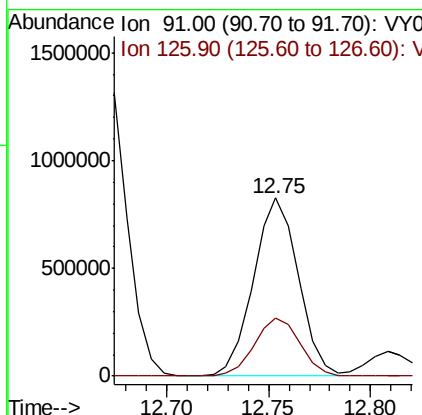
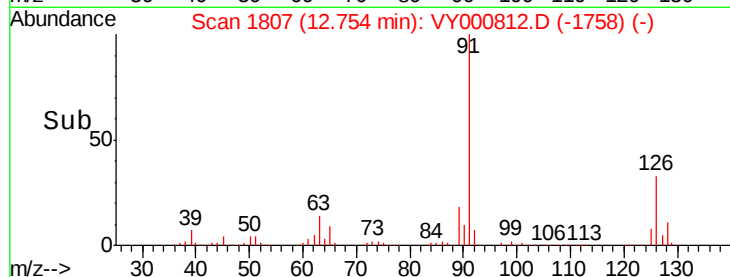
Tot Ion: 91 Resp: 1264708
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0

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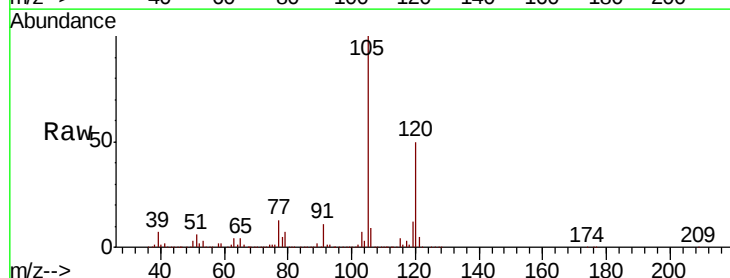


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)
Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

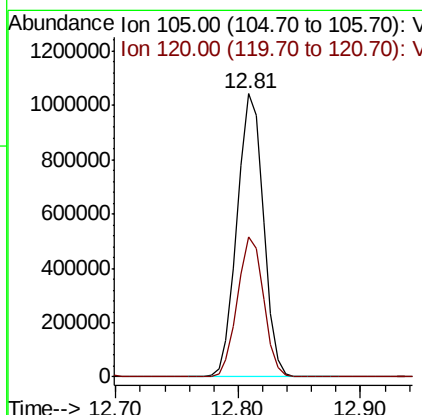
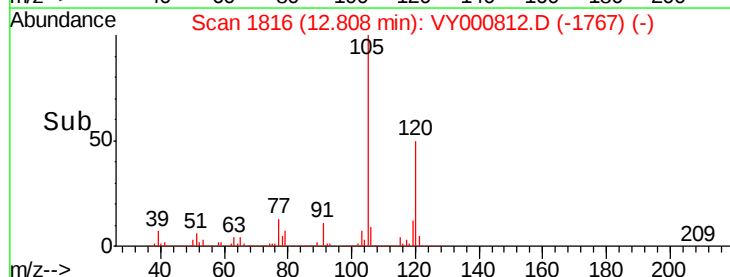


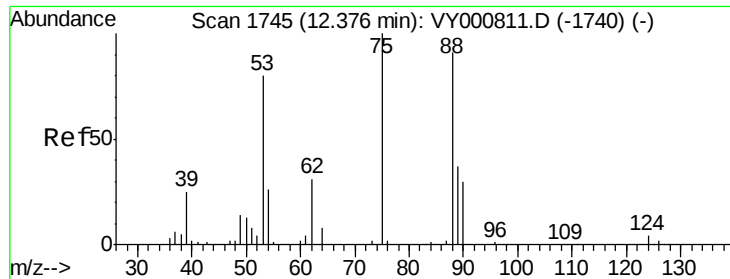
#80
1,3,5-Trimethylbenzene
Concen: 103.115 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion:105 Resp: 1547187
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)
Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





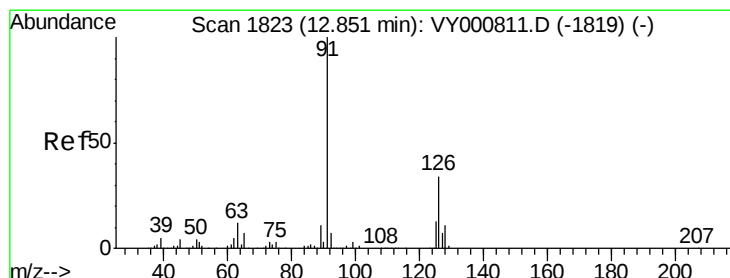
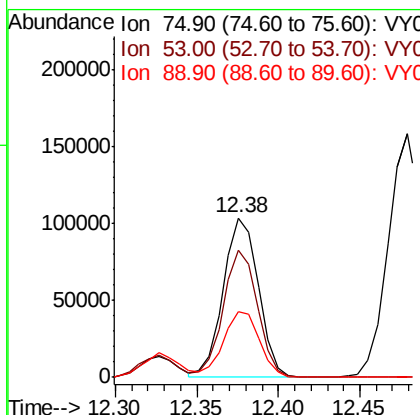
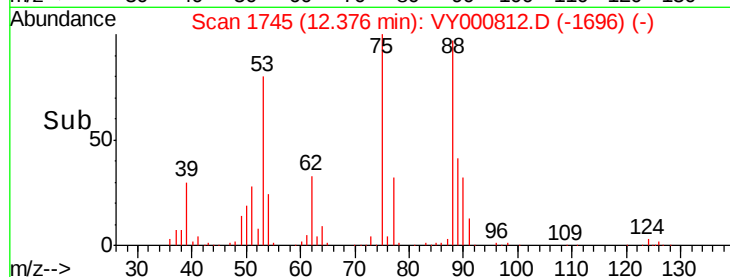
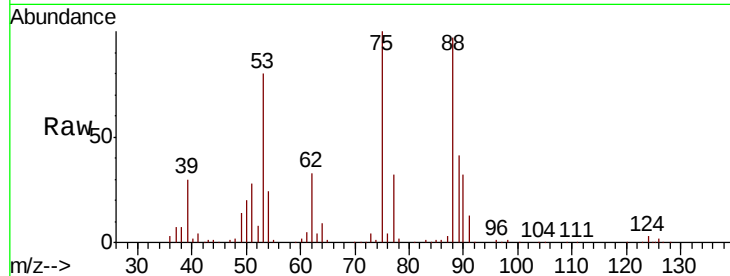
#81
trans-1,4-Dichloro-2-butene
Concen: 122.218 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	78.2	64.6	96.8
89	42.0	33.6	50.4

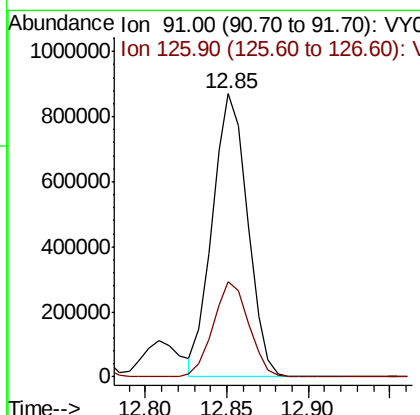
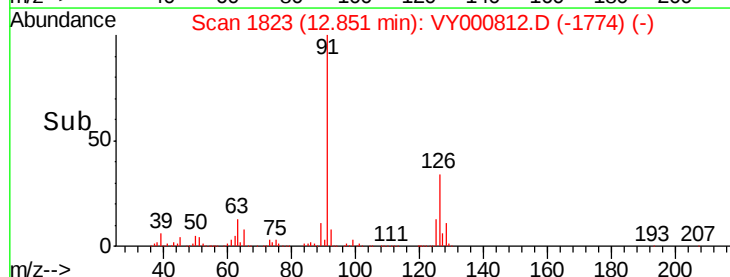
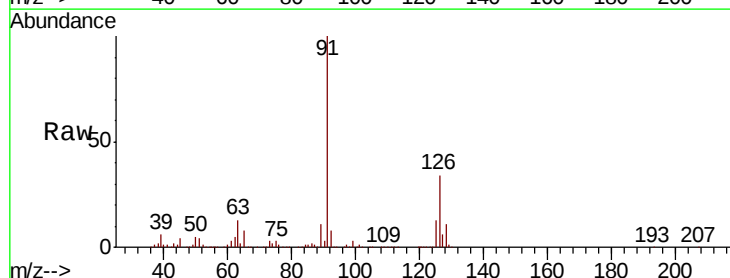
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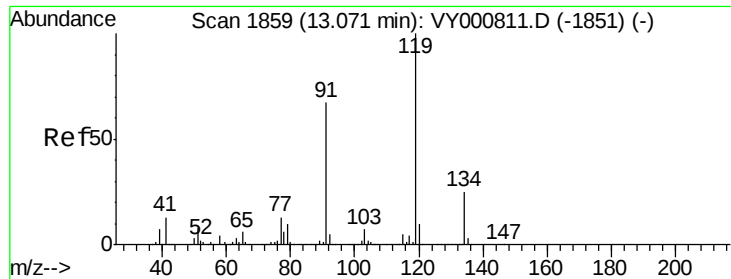
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#82
4-Chlorotoluene
Concen: 104.609 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	51.9





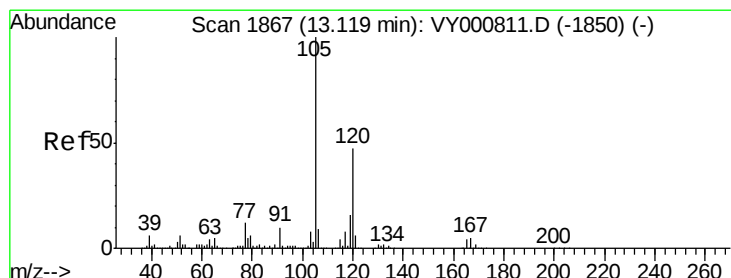
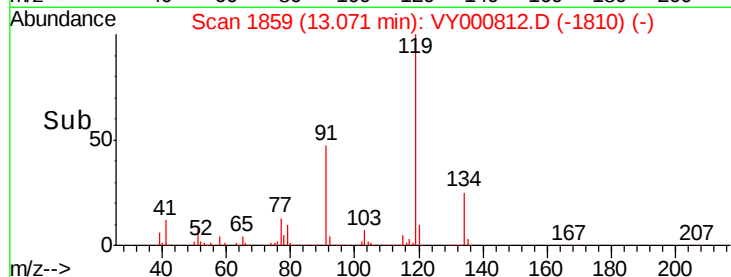
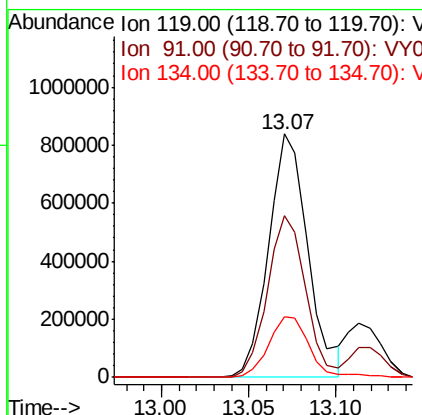
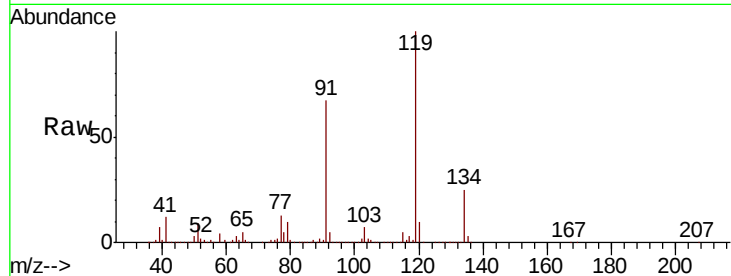
#83
 tert-Butylbenzene
 Concen: 103.067 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.3	96.8
134	25.9	12.9	38.7

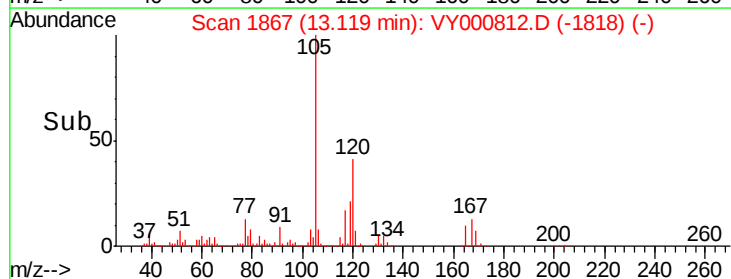
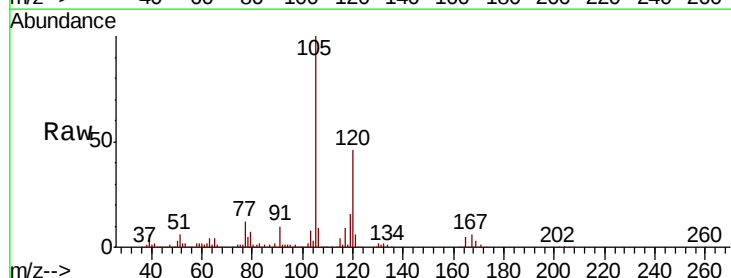
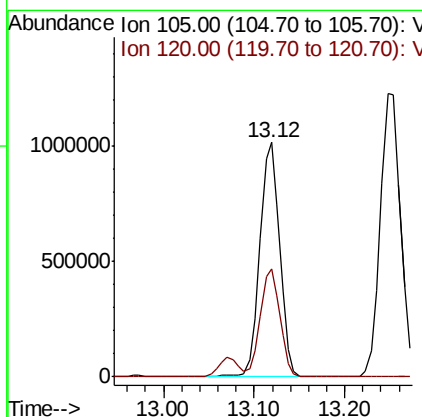
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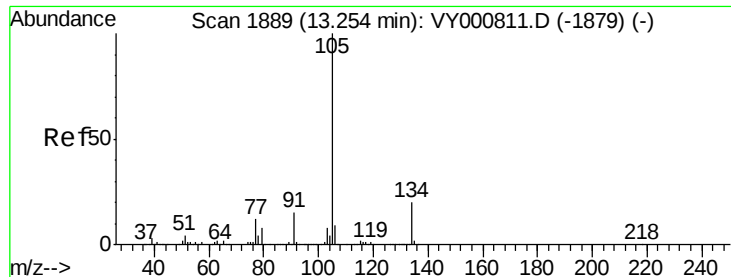
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#84
 1,2,4-Trimethylbenzene
 Concen: 102.951 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 104.375 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 1900576

Ion Ratio Lower Upper

105 100

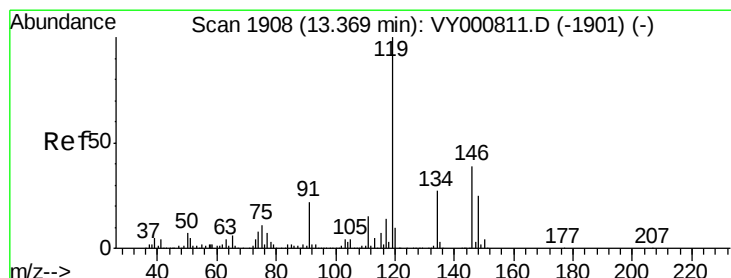
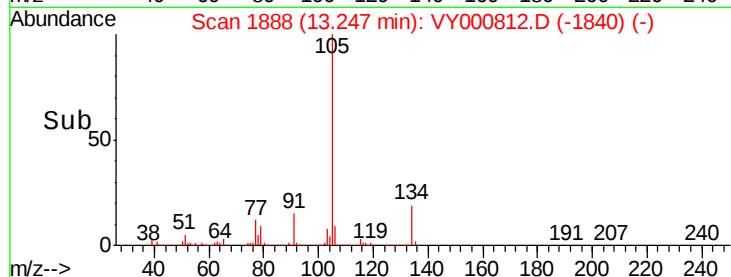
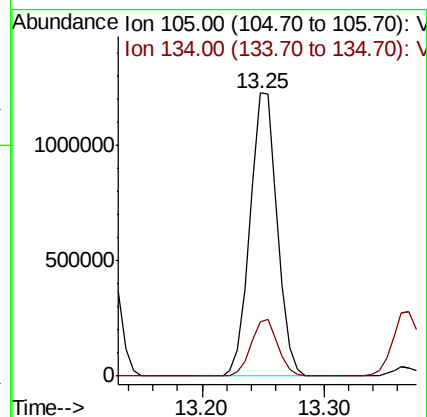
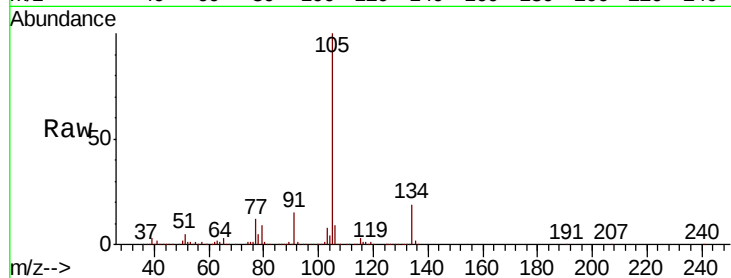
134 19.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 101.292 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

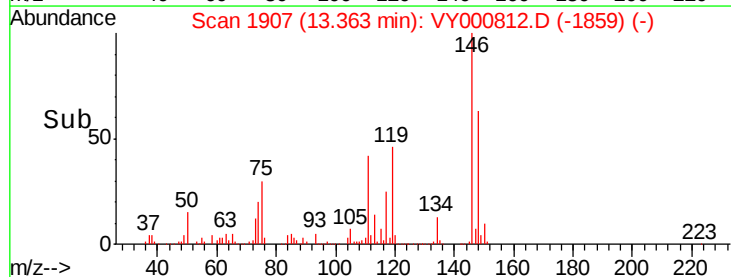
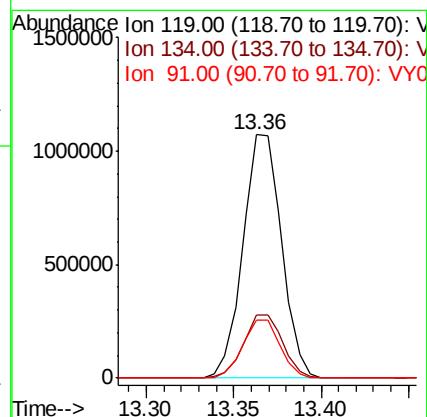
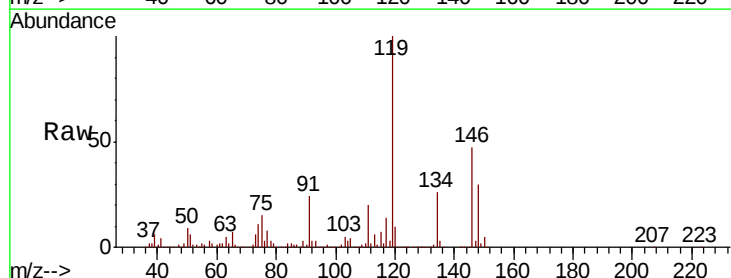
Tgt Ion:119 Resp: 1641514

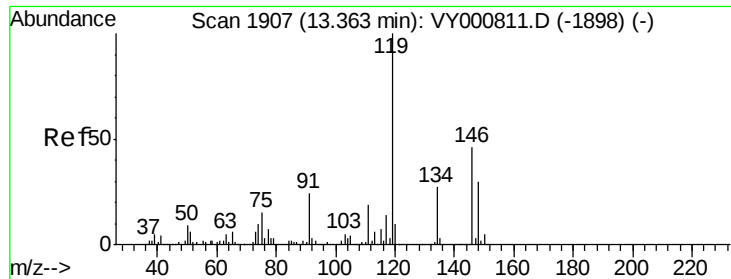
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

91 23.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 97.991 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Instrument :

MSVOA_Y

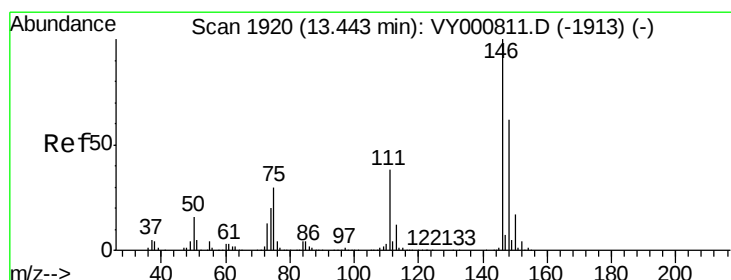
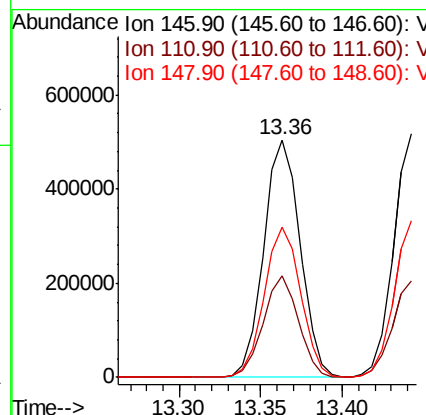
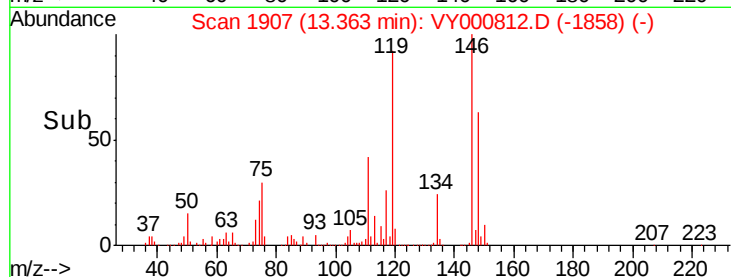
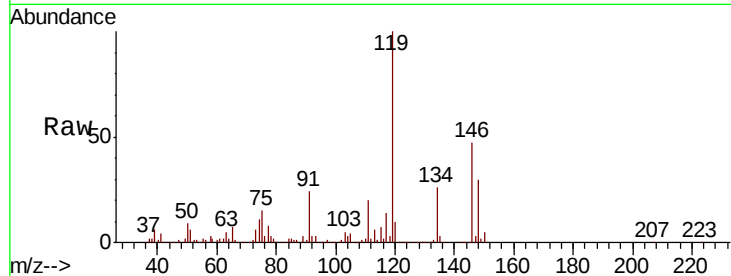
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	60.0
148	63.1	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 98.715 ug/l

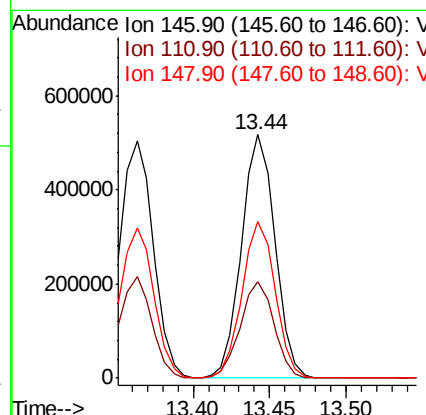
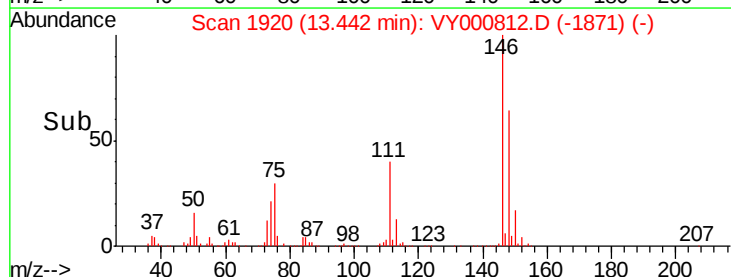
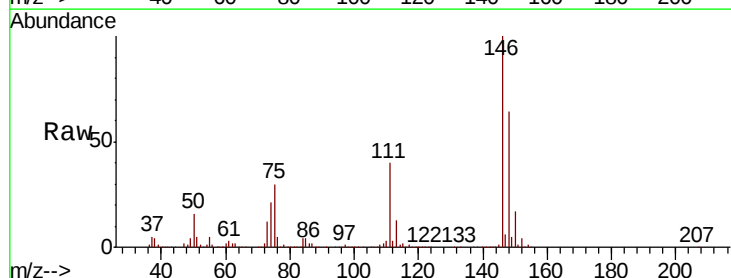
RT: 13.44 min Scan# 1920

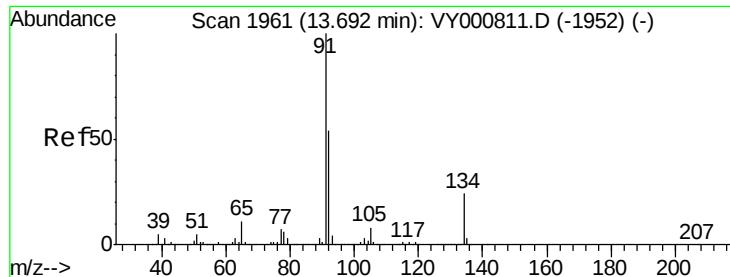
Delta R.T. -0.00 min

Lab File: VY000812.D

Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.8	31.7	95.1





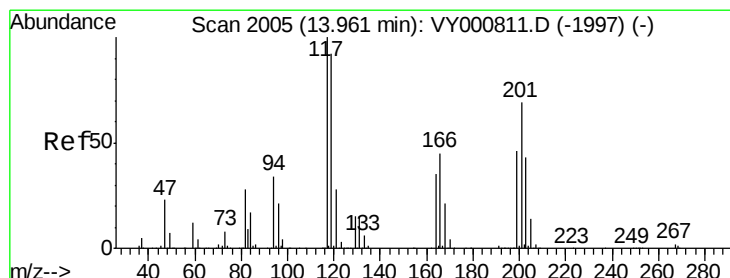
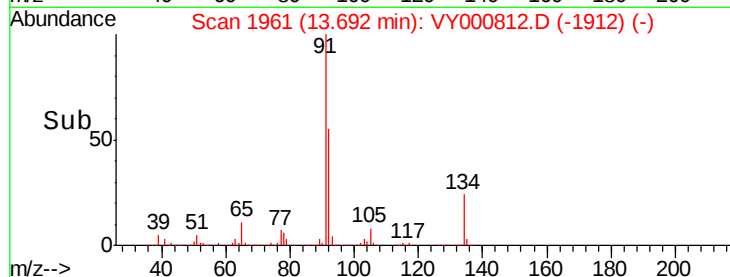
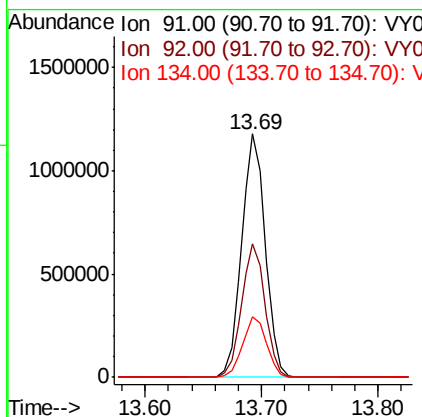
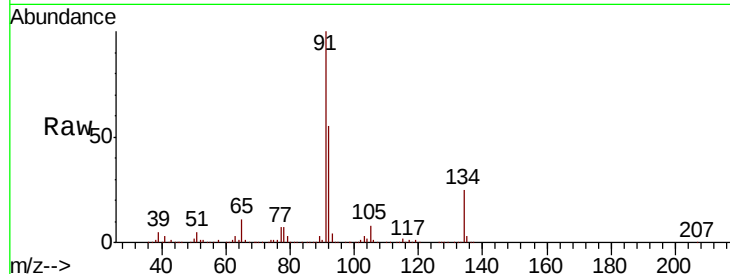
#89
n-Butylbenzene
Concen: 103.905 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	25.2	12.6	37.6

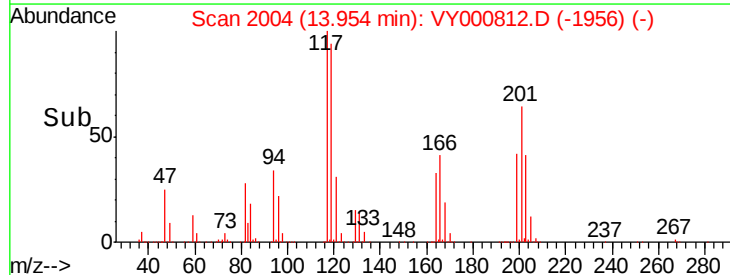
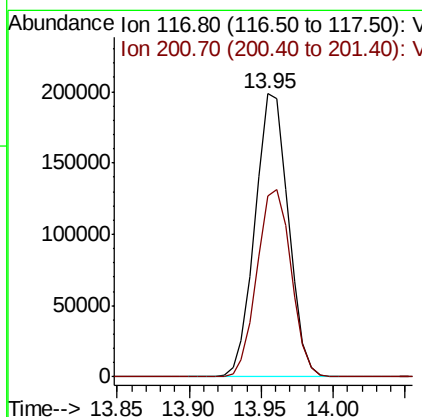
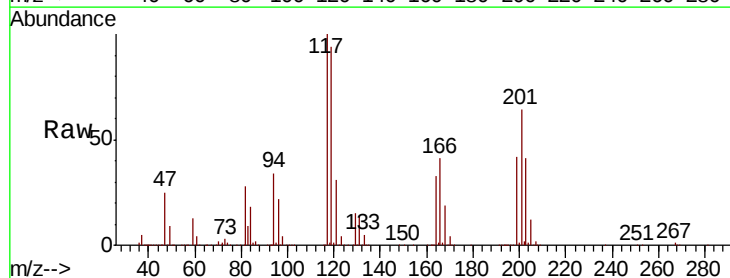
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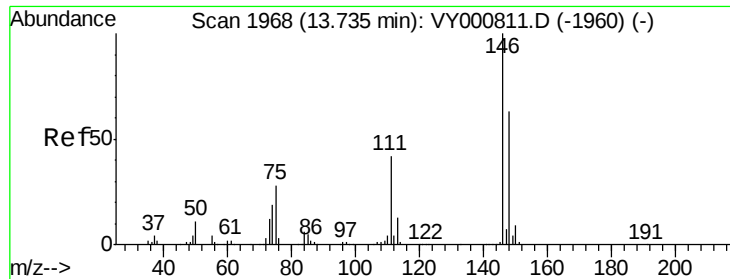
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#90
Hexachloroethane
Concen: 105.715 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.0	102.0





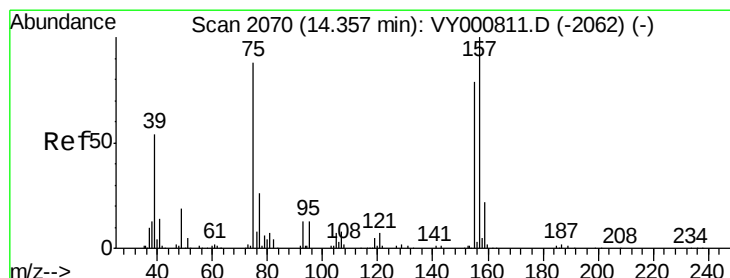
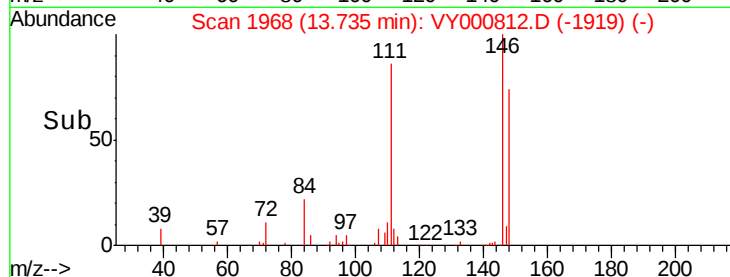
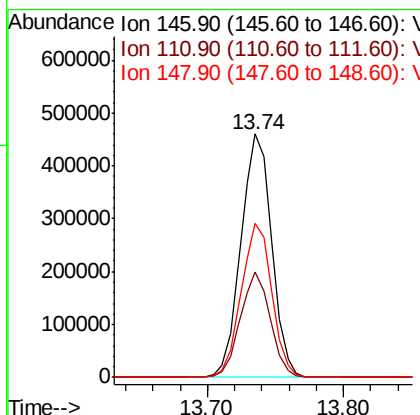
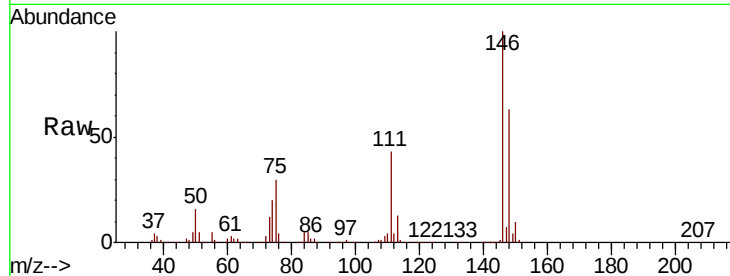
#91
 1,2-Dichlorobenzene
 Concen: 100.517 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.7
148	62.9	32.1	96.3

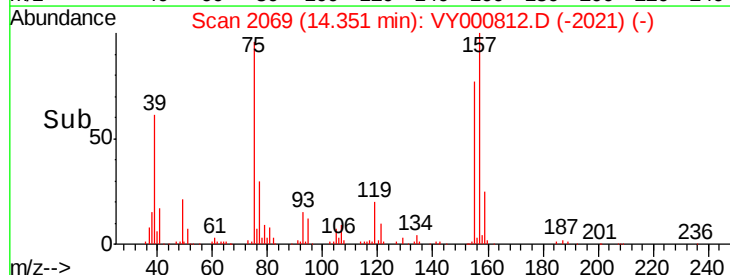
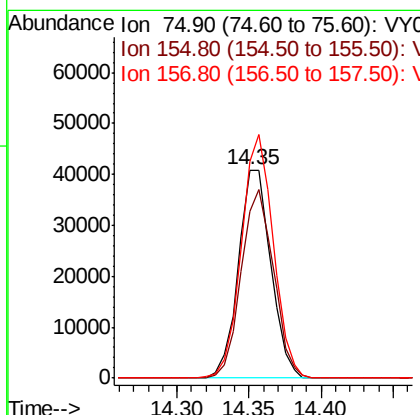
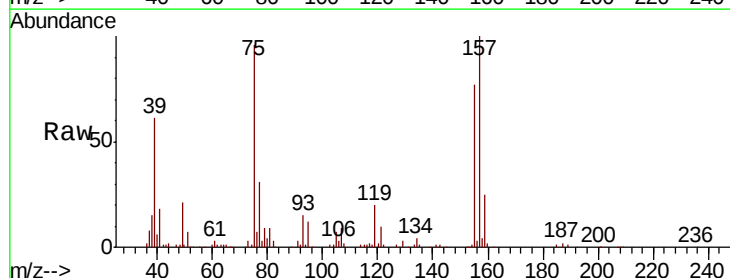
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.975 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	44.3	132.9
157	113.9	56.3	168.9





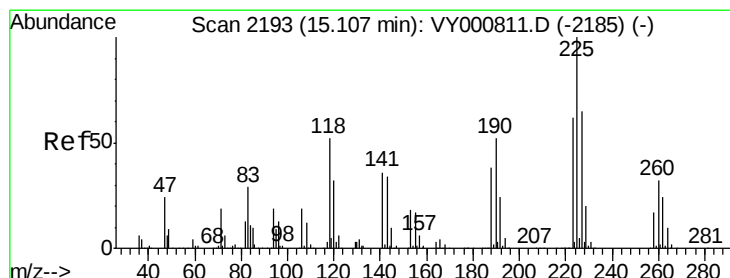
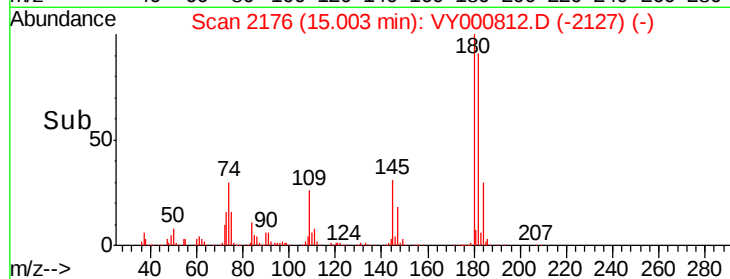
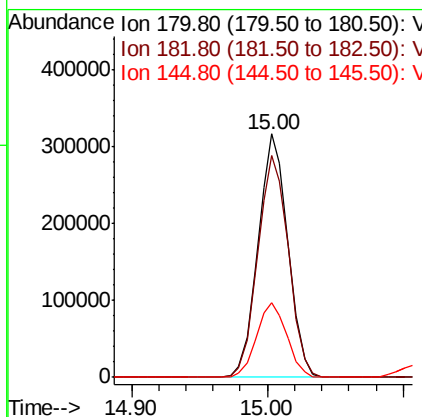
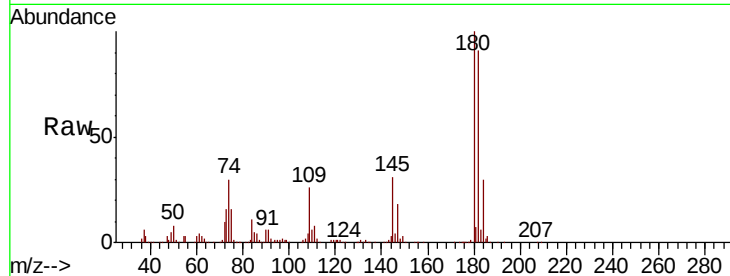
#93
 1,2,4-Trichlorobenzene
 Concen: 98.251 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	485044		
182	94.1	47.3	141.9	
145	31.2	16.0	47.9	

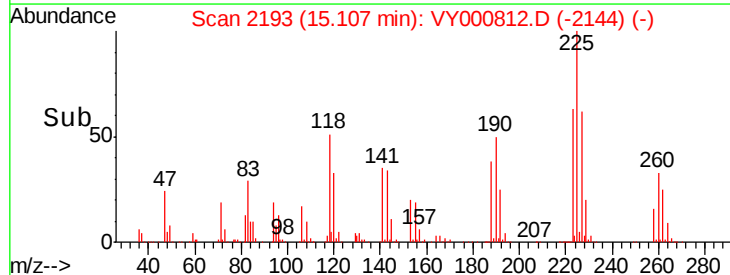
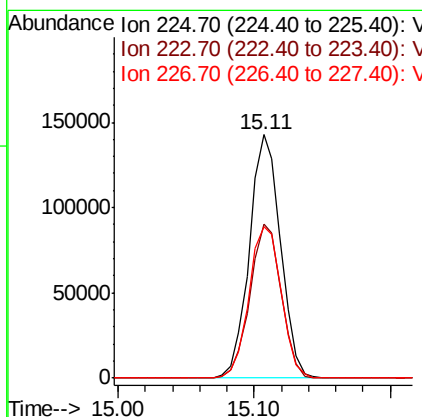
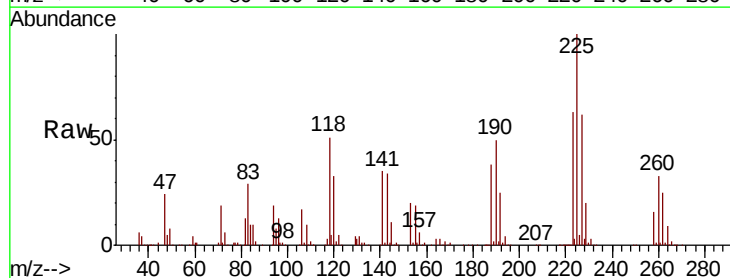
Manual Integrations
 APPROVED

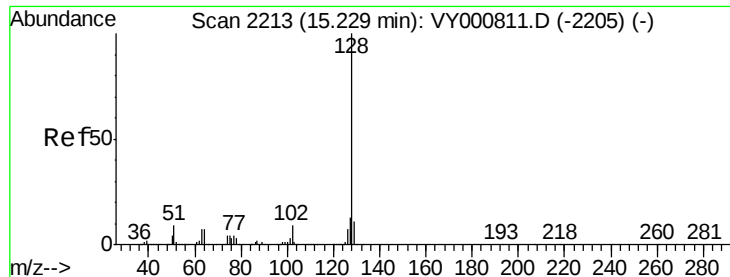
MMDadoda
 12/2/2019 11:37:22 AM



#94
 Hexachlorobutadiene
 Concen: 91.575 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000812.D
 Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	228841		
223	63.5	31.4	94.3	
227	64.7	31.8	95.3	





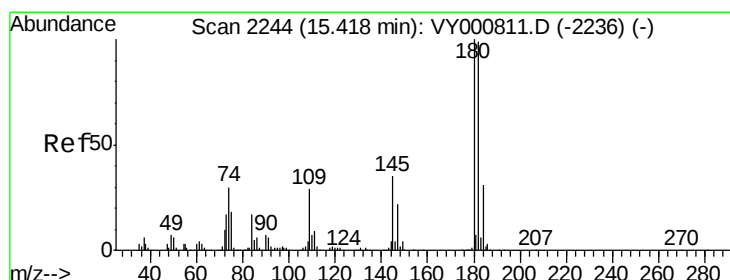
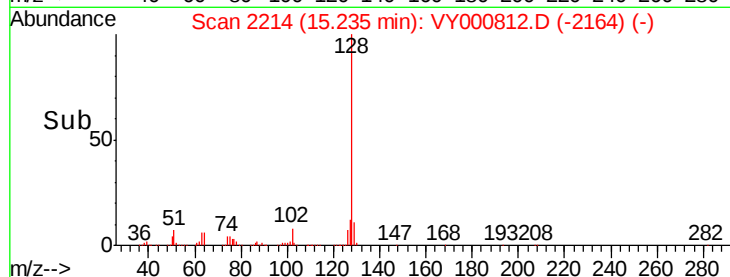
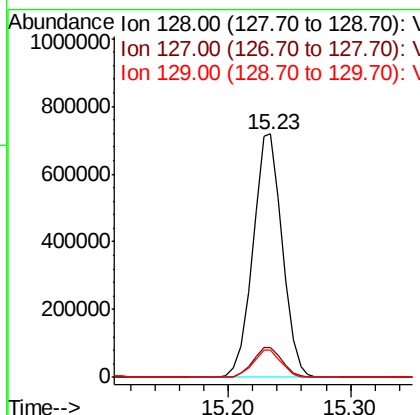
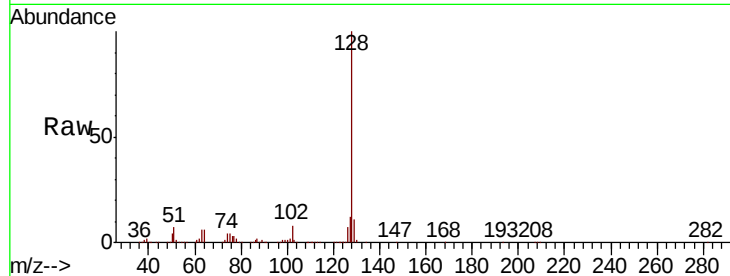
#95
Naphthalene
Concen: 108.129 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/2/2019 11:37:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 99.081 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000812.D
Acq: 27 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.0
145	33.1	16.9	50.6

