

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000066.D
 Acq On : 18 Sep 2019 17:26
 Operator : SY/MD
 Sample : MDL2
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL2

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:39:33 AM

Quant Time: Sep 19 05:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:25:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	103709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	203806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	178893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	76305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	64335	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.72	113	60410	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.18	98	254740	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.48	95	87887	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	3433	4.237	ug/l	90
3) Chloromethane	2.11	50	7258	6.112	ug/l #	78
4) Vinyl Chloride	2.25	62	5799	5.011	ug/l	92
5) Bromomethane	2.64	94	4387	5.826	ug/l	84
6) Chloroethane	2.79	64	3672	4.734	ug/l #	84
7) Trichlorofluoromethane	3.12	101	6793	4.246	ug/l	97
8) Diethyl Ether	3.53	74	3936	5.745	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	5217	4.753	ug/l	97
10) Methyl Iodide	4.09	142	4723	4.137	ug/l #	94
11) Tert butyl alcohol	4.98	59	4723	33.389	ug/l #	77
12) 1,1-Dichloroethene	3.87	96	5023	4.964	ug/l #	68
13) Acrolein	3.73	56	2253	27.024	ug/l #	64
14) Allyl chloride	4.48	41	7199	4.655	ug/l	96
15) Acrylonitrile	5.18	53	10020	24.391	ug/l	95
16) Acetone	3.95	43	8110	29.192	ug/l	89
17) Carbon Disulfide	4.19	76	11226	5.698	ug/l #	87
18) Methyl Acetate	4.48	43	5380	5.797	ug/l #	89
19) Methyl tert-butyl Ether	5.22	73	13747	4.347	ug/l	93
20) Methylene Chloride	4.72	84	8203	6.277	ug/l #	87
21) trans-1,2-Dichloroethene	5.22	96	5565	4.947	ug/l #	87
22) Diisopropyl ether	6.12	45	15626	4.472	ug/l	91
23) Vinyl Acetate	6.06	43	50329	21.520	ug/l	100
24) 1,1-Dichloroethane	6.03	63	10093	4.880	ug/l	94
25) 2-Butanone	6.99	43	12391	24.625	ug/l	92
26) 2,2-Dichloropropane	6.98	77	10329	5.292	ug/l	89
27) cis-1,2-Dichloroethene	6.98	96	6527	4.583	ug/l	87
28) Bromochloromethane	7.33	49	4773	4.979	ug/l	84
29) Tetrahydrofuran	7.35	42	7852	25.993	ug/l	96
30) Chloroform	7.51	83	10169	4.764	ug/l	86
31) Cyclohexane	7.78	56	10133	6.015	ug/l	91
32) 1,1,1-Trichloroethane	7.70	97	7777	4.486	ug/l	97
36) 1,1-Dichloropropene	7.92	75	7942	5.212	ug/l	94
37) Ethyl Acetate	7.08	43	5780	5.690	ug/l	97
38) Carbon Tetrachloride	7.90	117	6464	4.494	ug/l #	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	10005	5.339	ug/l	96
40) Benzene	8.16	78	23626	4.694	ug/l	91
41) Methacrylonitrile	7.31	41	3134m	5.117	ug/l	
42) 1,2-Dichloroethane	8.23	62	5732	4.299	ug/l	95
43) Isopropyl Acetate	8.28	43	9158	4.610	ug/l #	90
44) Trichloroethene	8.95	130	5939	4.619	ug/l	88
45) 1,2-Dichloropropane	9.21	63	5672	4.350	ug/l	96
46) Dibromomethane	9.31	93	3334	4.681	ug/l	95
47) Bromodichloromethane	9.50	83	7537	4.361	ug/l	100
48) Methyl methacrylate	9.29	41	4337	4.964	ug/l	94
49) 1,4-Dioxane	9.30	88	1381	99.875	ug/l #	81
51) 4-Methyl-2-Pentanone	10.07	43	23426	21.598	ug/l	96
52) Toluene	10.24	92	15232	4.763	ug/l	93
53) t-1,3-Dichloropropene	10.47	75	7776	4.244	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	9398	4.441	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	4936	4.421	ug/l #	88
56) Ethyl methacrylate	10.51	69	6876	4.328	ug/l	99
57) 1,3-Dichloropropane	10.79	76	8390	4.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	18771	21.856	ug/l	97
59) 2-Hexanone	10.84	43	16903	21.844	ug/l	98
60) Dibromochloromethane	10.99	129	5157	4.409	ug/l	92
61) 1,2-Dibromoethane	11.09	107	4666	4.575	ug/l	97
64) Tetrachloroethene	10.71	164	5425	4.832	ug/l	91
65) Chlorobenzene	11.51	112	14835	4.192	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	11.59	131	4987	4.168	ug/l	94
67) Ethyl Benzene	11.59	91	28271	4.477	ug/l	99
68) m/p-Xylenes	11.70	106	21050	8.760	ug/l	95
69) o-Xylene	12.02	106	10847	4.662	ug/l	93
70) Styrene	12.04	104	16707	4.090	ug/l	98
71) Bromoform	12.21	173	2649	3.824	ug/l #	91
73) Isopropylbenzene	12.33	105	26910	4.376	ug/l	97
74) N-amyl acetate	12.14	43	7585	4.330	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	6583	4.548	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	4135m	3.852	ug/l	
77) Bromobenzene	12.60	156	5758	4.484	ug/l	96
78) n-propylbenzene	12.66	91	33028	4.403	ug/l	98
79) 2-Chlorotoluene	12.75	91	18995	4.530	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	22598	4.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	2383	4.269	ug/l #	93
82) 4-Chlorotoluene	12.85	91	19181	4.423	ug/l	97
83) tert-Butylbenzene	13.07	119	18701	4.291	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	23437	4.667	ug/l	98
85) sec-Butylbenzene	13.25	105	27414	4.258	ug/l	98
86) p-Isopropyltoluene	13.37	119	23627	4.329	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	10606	4.164	ug/l	93
88) 1,4-Dichlorobenzene	13.44	146	11418	4.461	ug/l	93
89) n-Butylbenzene	13.69	91	24433	4.352	ug/l	99
90) Hexachloroethane	13.95	117	4665	4.350	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	10483	4.380	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1259	4.885	ug/l	96

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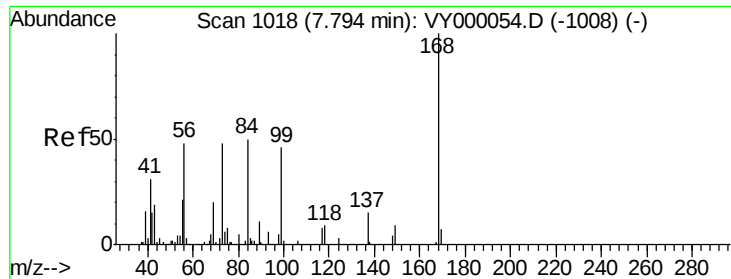
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	5825	4.034	ug/l	96
94) Hexachlorobutadiene	15.10	225	2749	3.965	ug/l	88
95) Naphthalene	15.23	128	18492	4.511	ug/l	95
96) 1,2,3-Trichlorobenzene	15.42	180	5729	4.157	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion:168 Resp: 103709

Ion Ratio Lower Upper

168 100

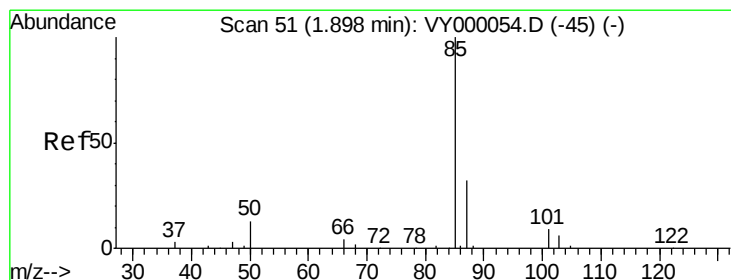
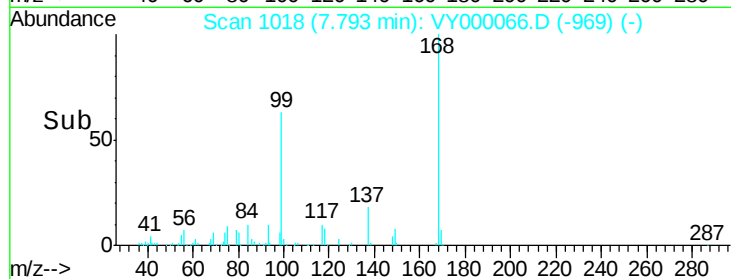
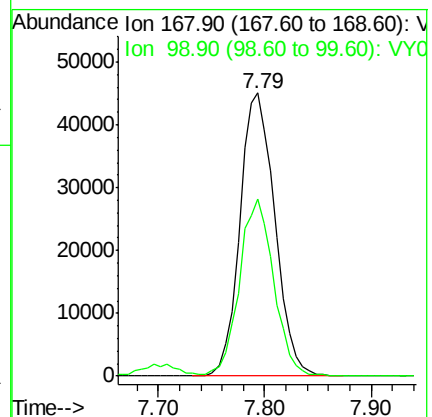
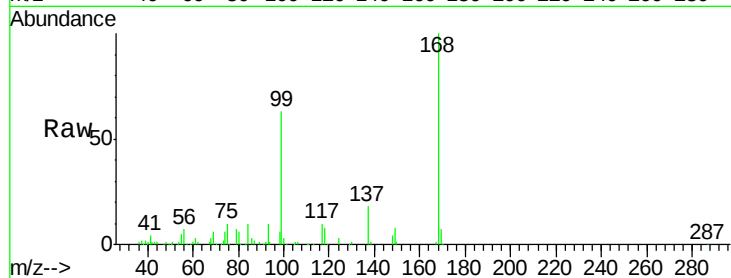
99 62.4 44.2 66.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 4.237 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000066.D

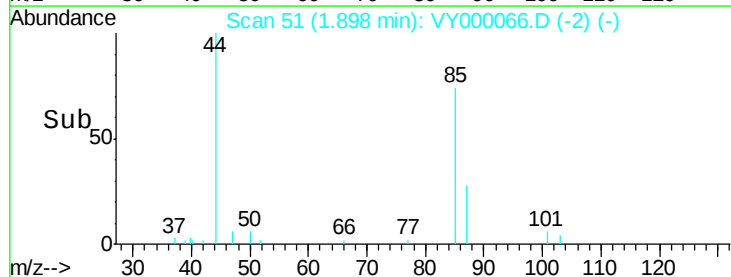
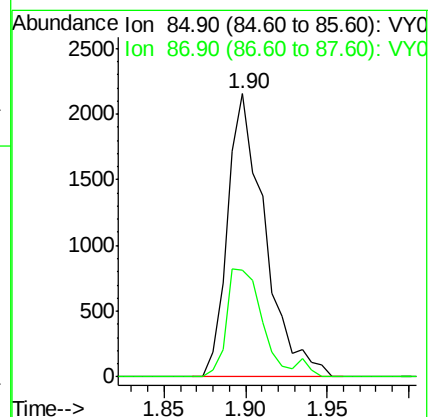
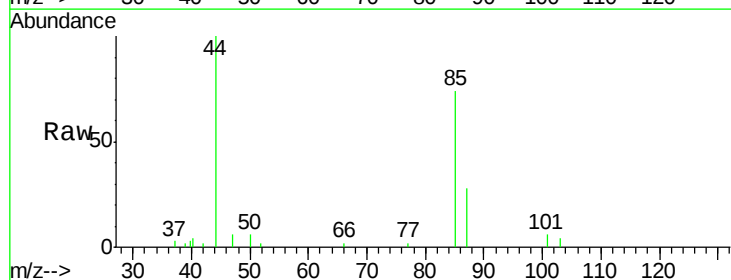
Acq: 18 Sep 2019 17:26

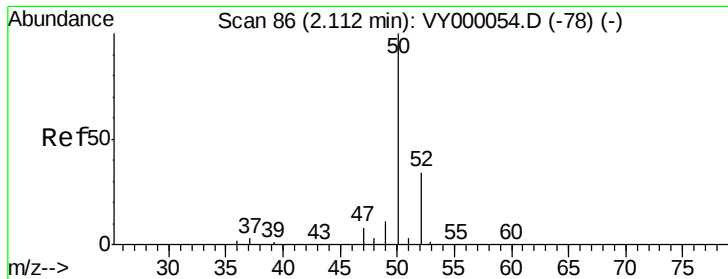
Tgt Ion: 85 Resp: 3433

Ion Ratio Lower Upper

85 100

87 37.8 16.2 48.5





#3

Chloromethane

Concen: 6.112 ug/l

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion: 50 Resp: 7258

Ion Ratio Lower Upper

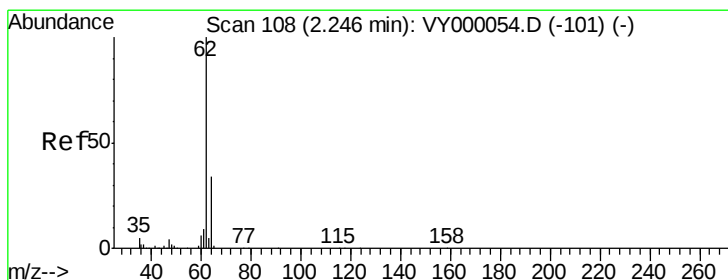
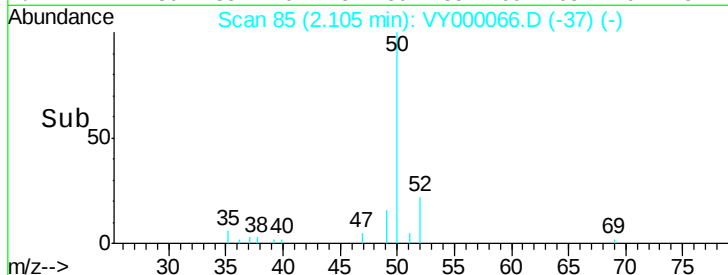
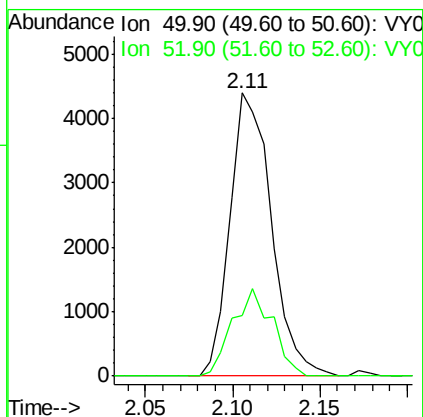
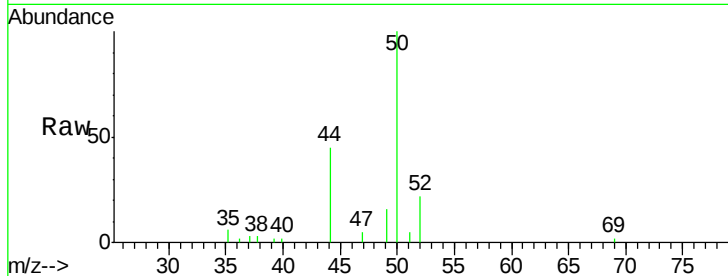
50 100

52 21.5 27.3 40.9#

Manual Integrations
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9/20/2019 12:39:33 AM



#4

Vinyl Chloride

Concen: 5.011 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000066.D

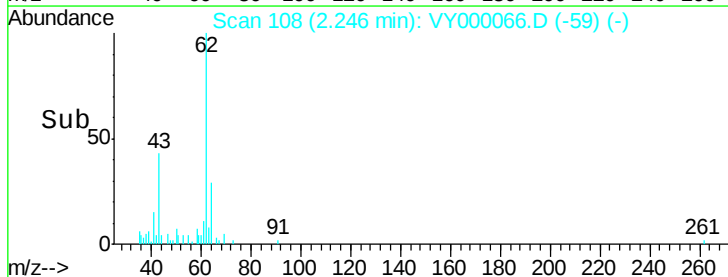
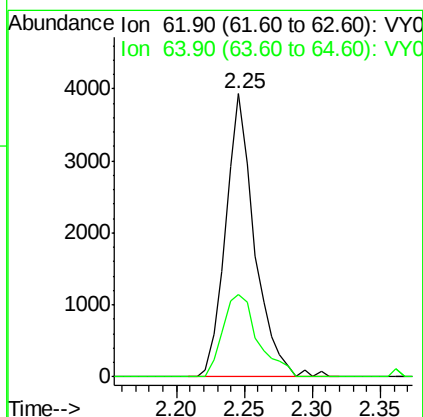
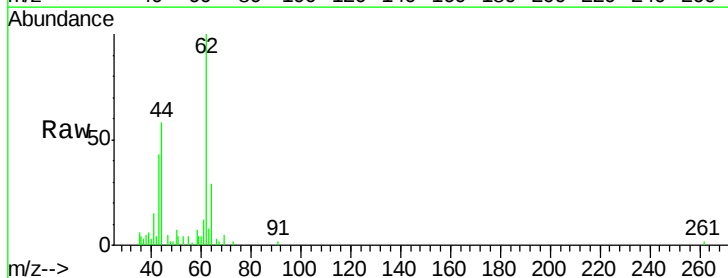
Acq: 18 Sep 2019 17:26

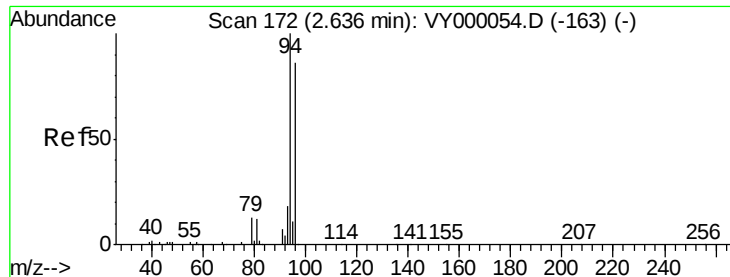
Tgt Ion: 62 Resp: 5799

Ion Ratio Lower Upper

62 100

64 29.2 26.9 40.3





#5

Bromomethane

Concen: 5.826 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion: 94 Resp: 4387

Ion Ratio Lower Upper

94 100

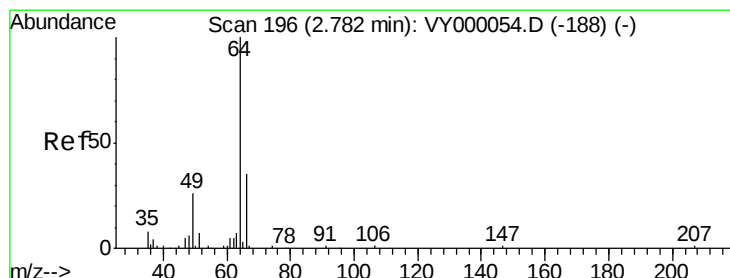
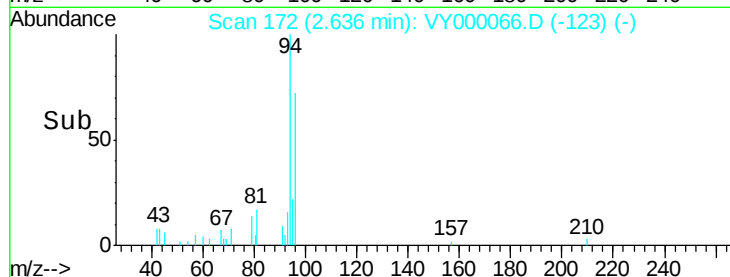
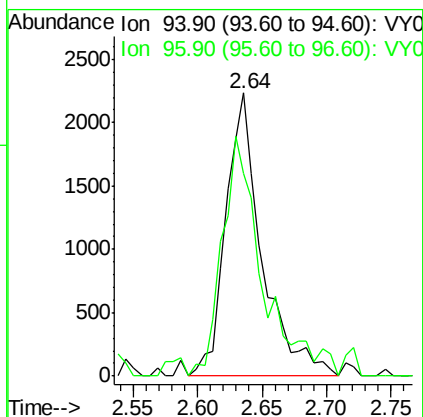
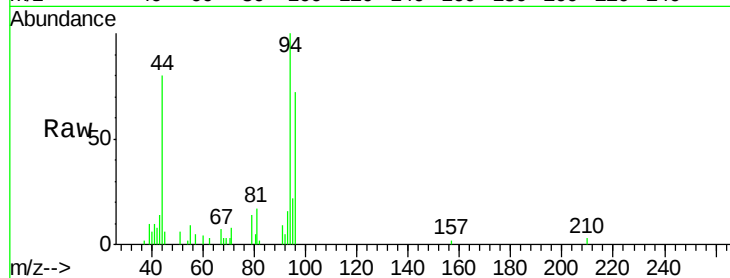
96 71.8 69.1 103.7

Manual Integrations

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#6

Chloroethane

Concen: 4.734 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000066.D

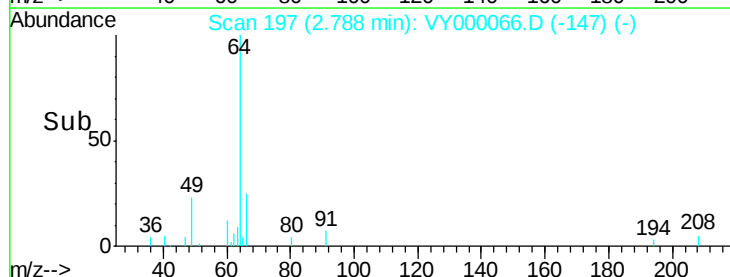
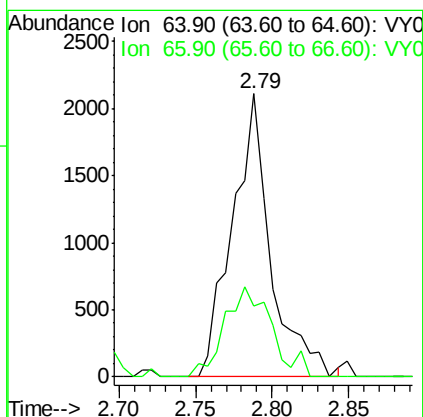
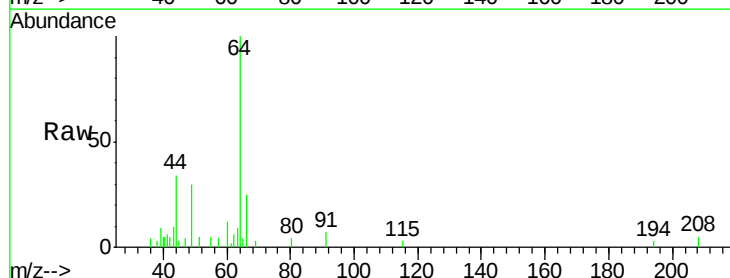
Acq: 18 Sep 2019 17:26

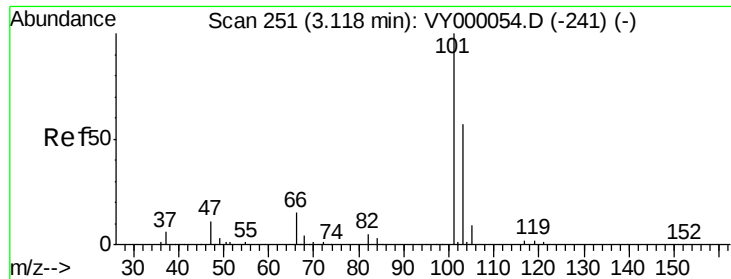
Tgt Ion: 64 Resp: 3672

Ion Ratio Lower Upper

64 100

66 25.2 27.7 41.5#





#7

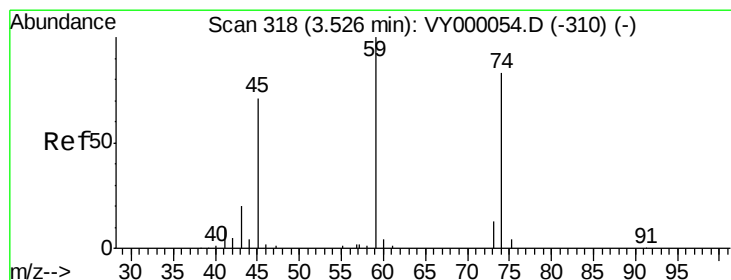
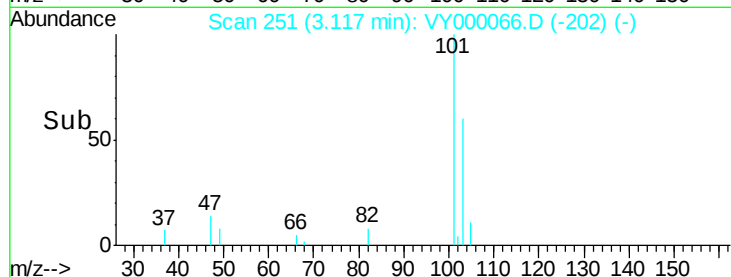
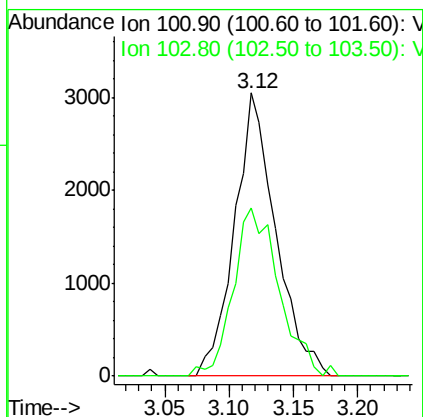
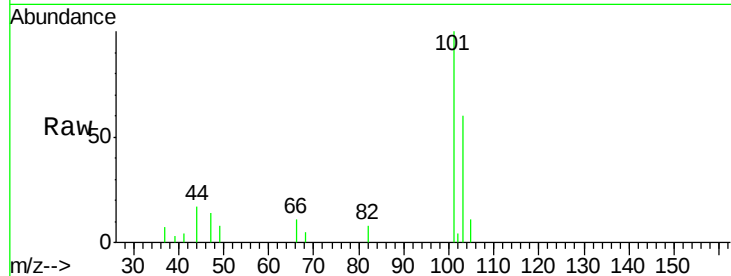
Trichlorofluoromethane
Concen: 4.246 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion:101 Resp: 6793
Ion Ratio Lower Upper
101 100
103 59.6 45.7 68.5

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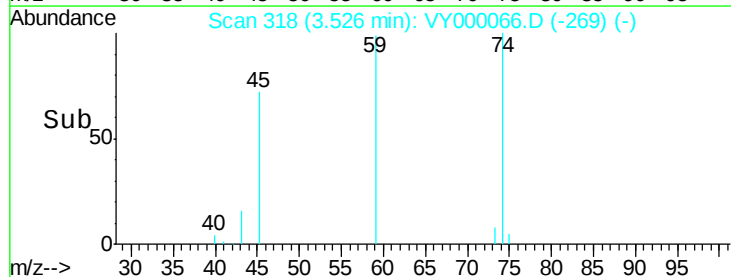
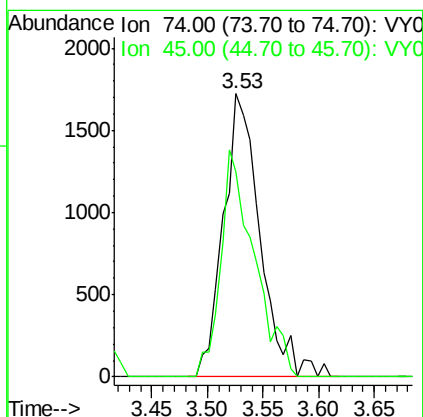
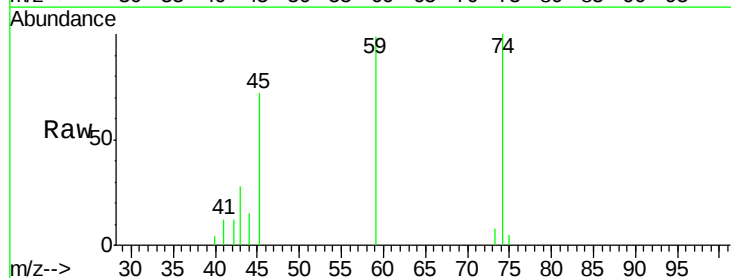
MMDadoda
9/20/2019 12:39:33 AM

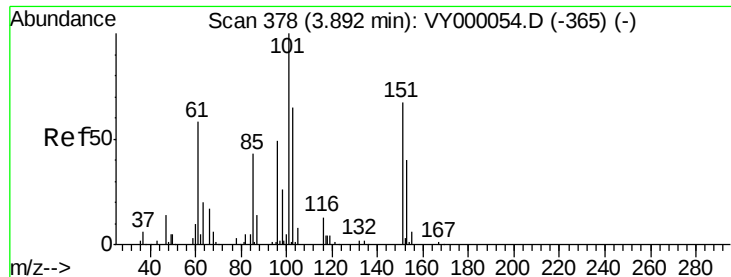


#8

Diethyl Ether
Concen: 5.745 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 74 Resp: 3936
Ion Ratio Lower Upper
74 100
45 73.7 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.753 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

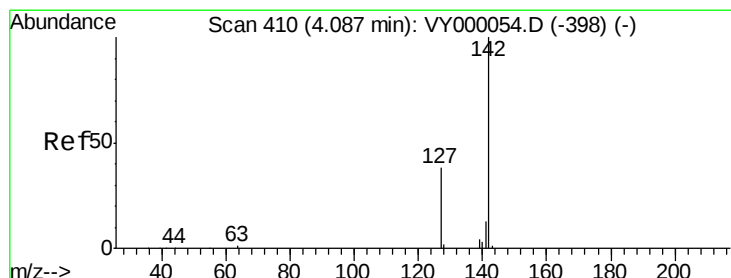
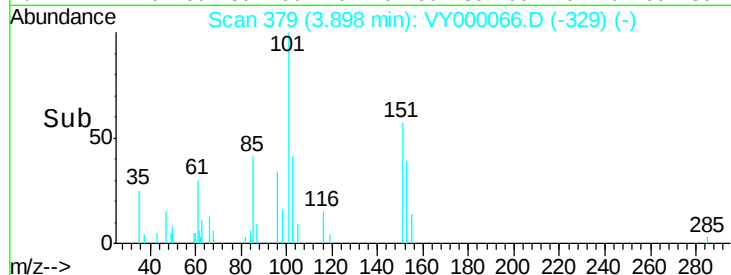
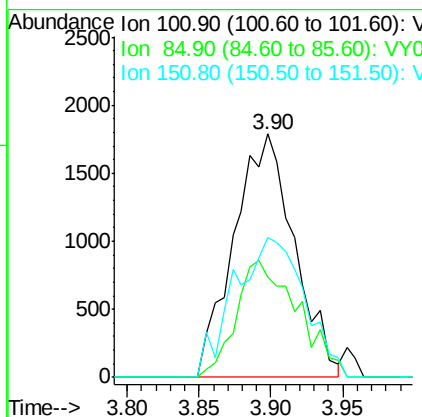
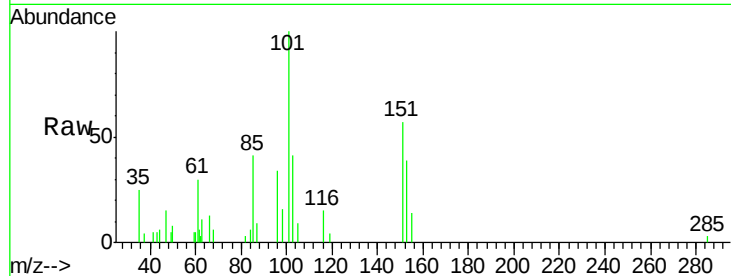
ClientSampled :

MDL2

Tot Ion:	101	Resp:	5217
Ion Ratio	Lower	Upper	
101	100		
85	49.1	36.8	55.2
151	66.8	54.4	81.6

Manual Integrations
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9/20/2019 12:39:33 AM



#10

Methyl Iodide

Concen: 4.137 ug/l

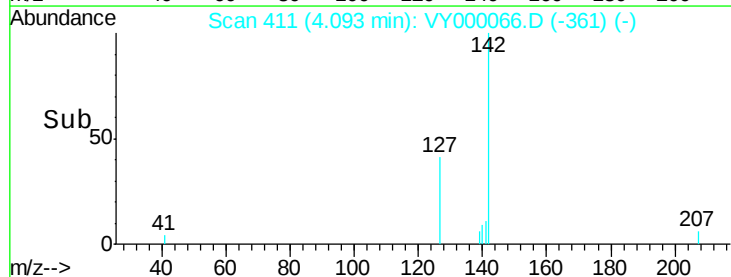
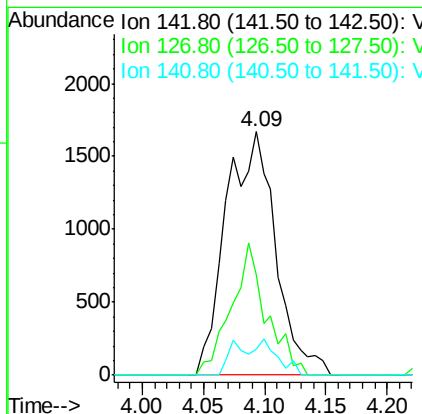
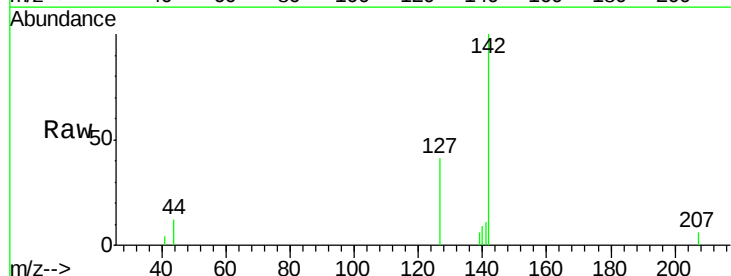
RT: 4.09 min Scan# 411

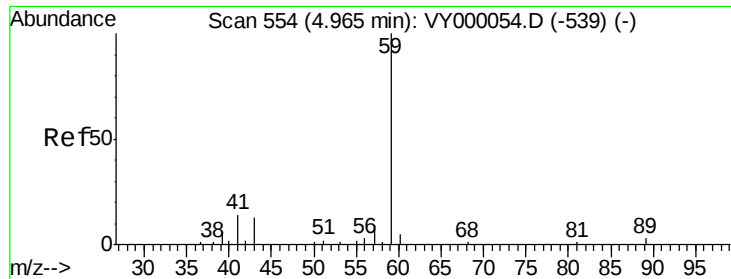
Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	142	Resp:	4723
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.6	47.4
141	6.8	10.9	16.3#





#11

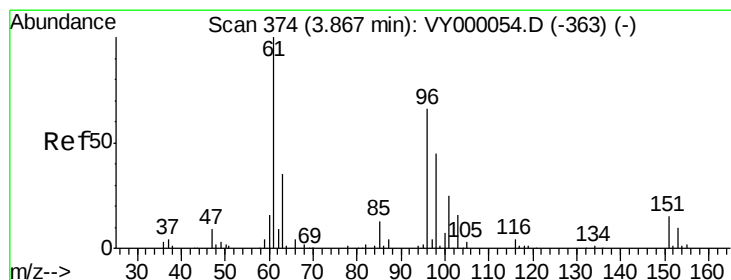
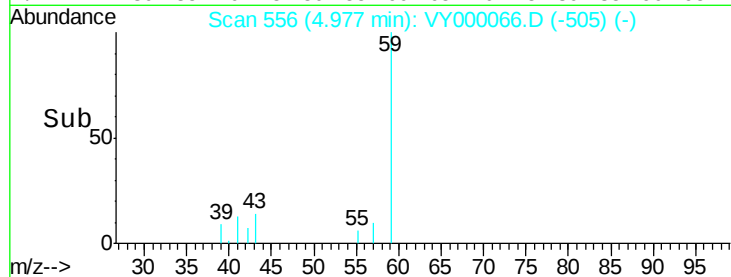
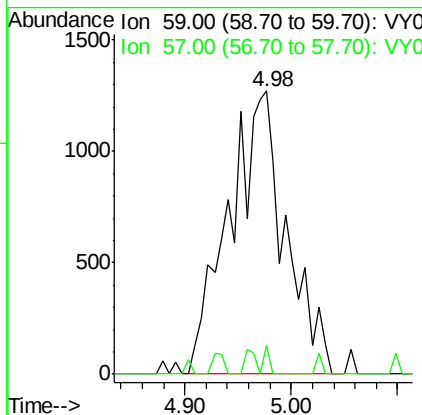
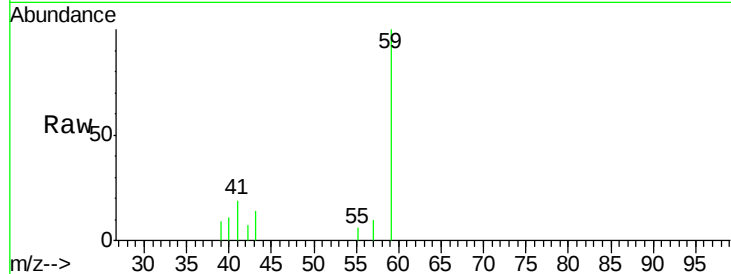
Tert butyl alcohol
Concen: 33.389 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.0	12.0#

Manual Integrations
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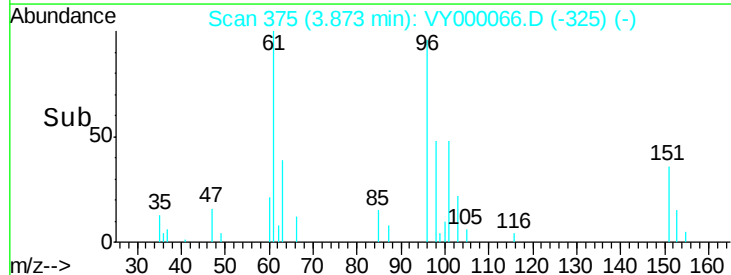
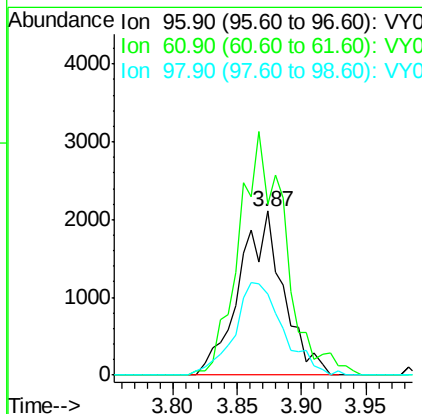
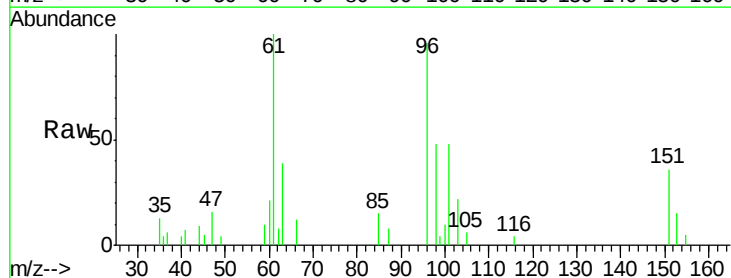
MMDadoda
9/20/2019 12:39:33 AM

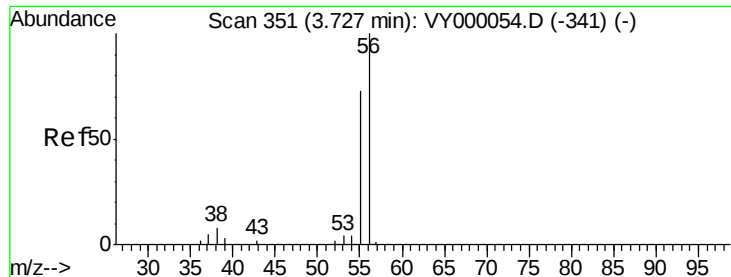


#12

1,1-Dichloroethene
Concen: 4.964 ug/l
RT: 3.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	103.9	120.4	180.6#
98	49.7	54.1	81.1#





#13

Acrolein

Concen: 27.024 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion: 56 Resp: 2253

Ion Ratio Lower Upper

56 100

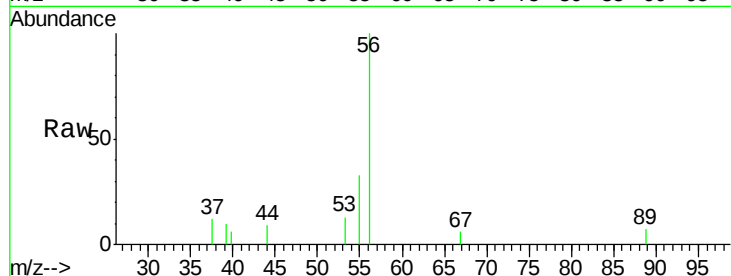
55 42.1 57.8 86.8#

Manual Integrations

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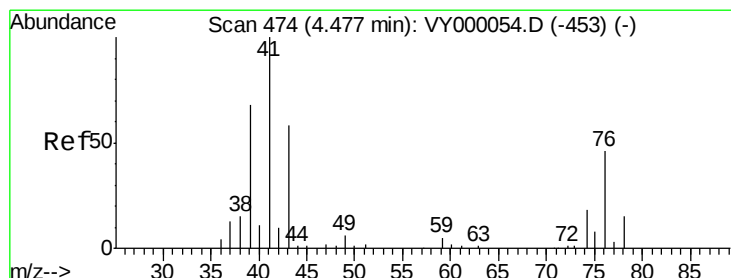
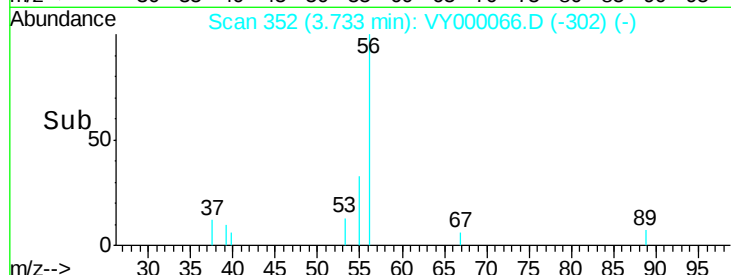
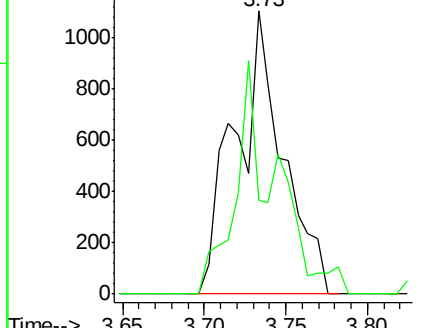
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Abundance Ion 56.00 (55.70 to 56.70): VY000054.D (-341) (-)

Ion 55.00 (54.70 to 55.70): VY000054.D (-341) (-)



#14

Allyl chloride

Concen: 4.655 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

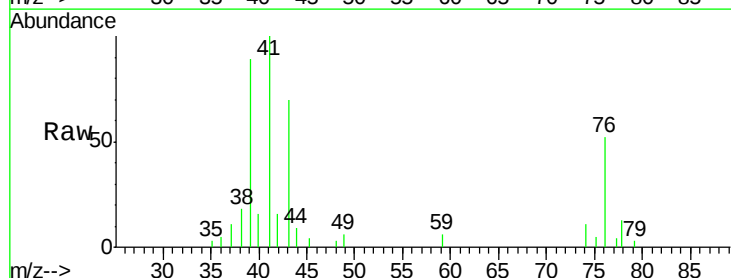
Tgt Ion: 41 Resp: 7199

Ion Ratio Lower Upper

41 100

39 69.5 52.7 79.1

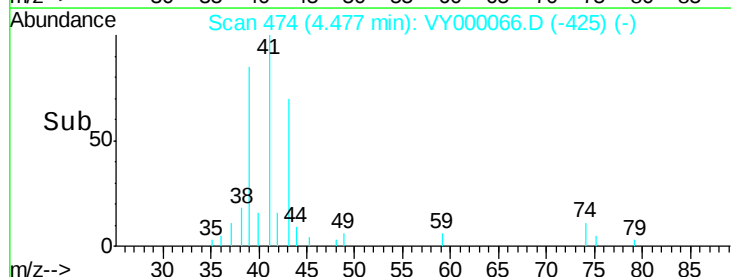
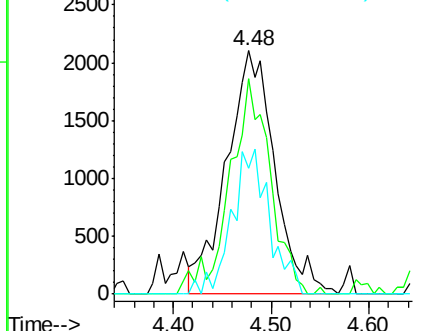
76 46.4 35.5 53.3

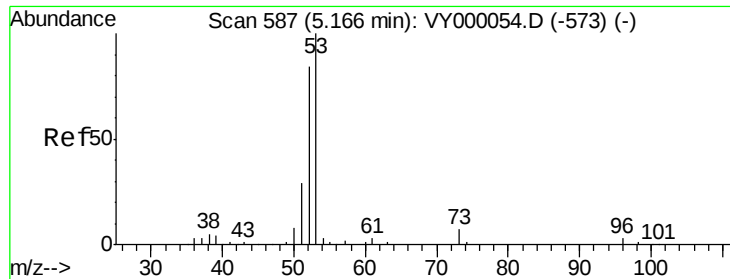


Abundance Ion 41.00 (40.70 to 41.70): VY000054.D (-453) (-)

Ion 39.00 (38.70 to 39.70): VY000054.D (-453) (-)

Ion 75.90 (75.60 to 76.60): VY000054.D (-453) (-)





#15

Acrylonitrile

Concen: 24.391 ug/l

RT: 5.18 min Scan# 589

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

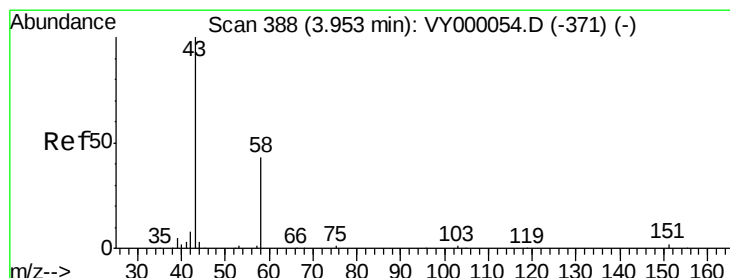
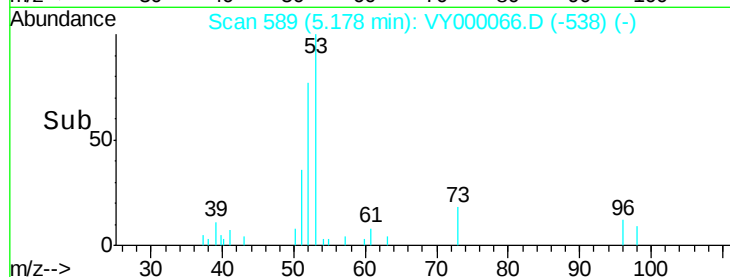
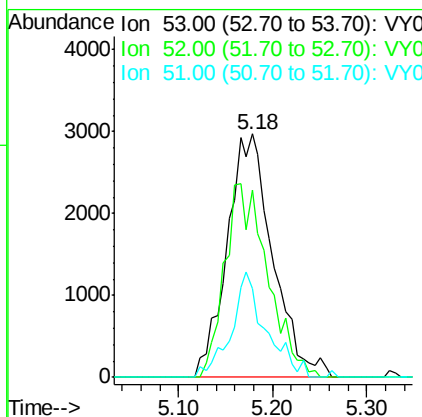
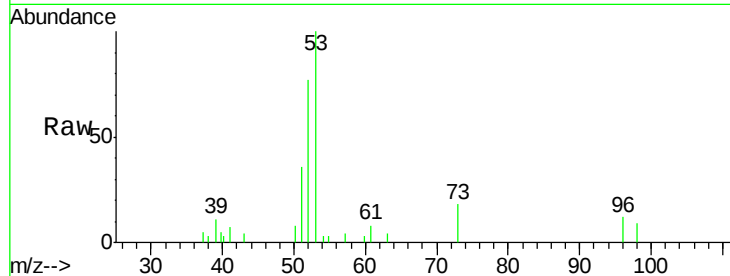
ClientSampled :

MDL2

Tot Ion:	53	Resp:	10020
Ion	Ratio	Lower	Upper
53	100		
52	74.9	64.7	97.1
51	32.9	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 29.192 ug/l

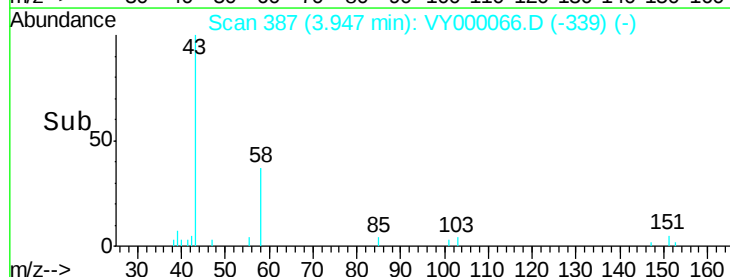
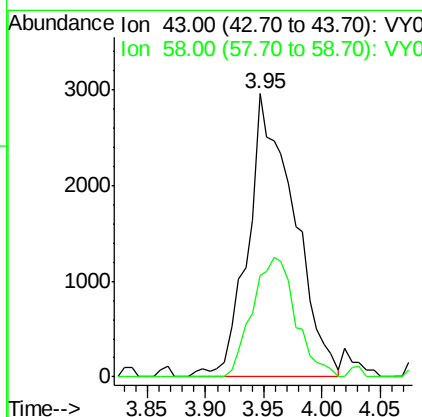
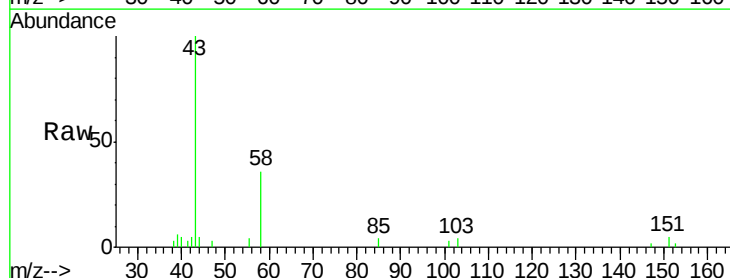
RT: 3.95 min Scan# 387

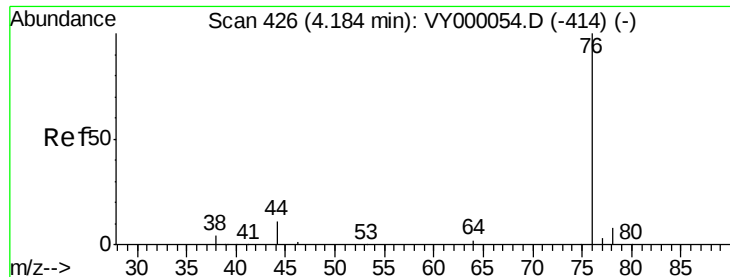
Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	43	Resp:	8110
Ion	Ratio	Lower	Upper
43	100		
58	35.8	34.5	51.7





#17

Carbon Disulfide

Concen: 5.698 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

MDL2

Tot Ion: 76 Resp: 11226

Ion Ratio Lower Upper

76 100

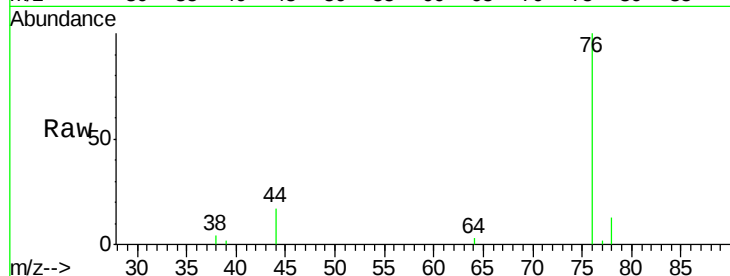
78 12.6 6.6 9.8#

Manual Integrations

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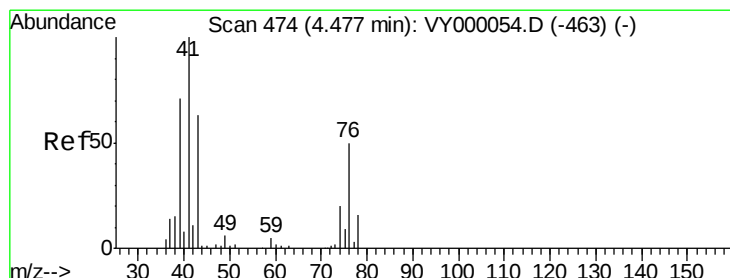
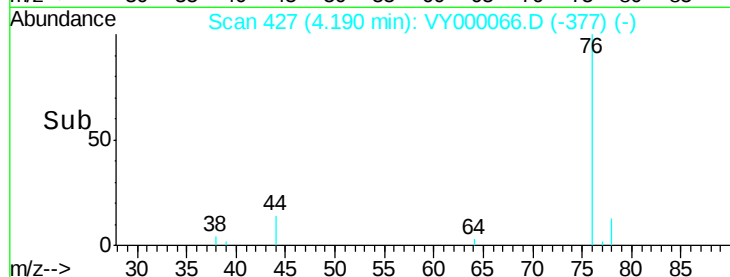
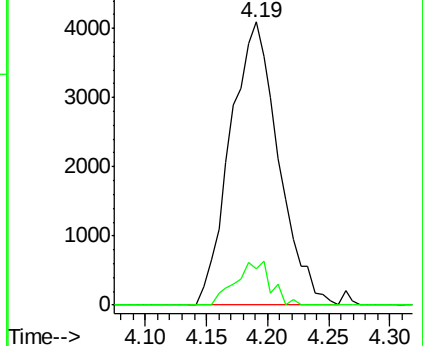
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 5.797 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000066.D

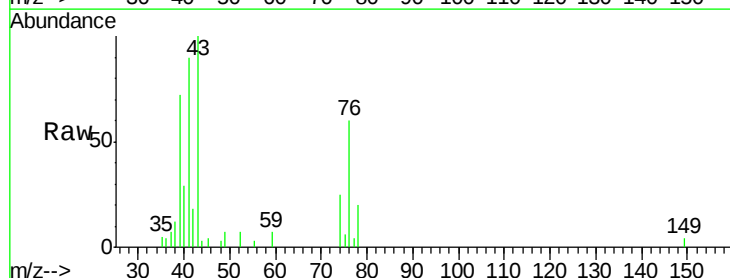
Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 5380

Ion Ratio Lower Upper

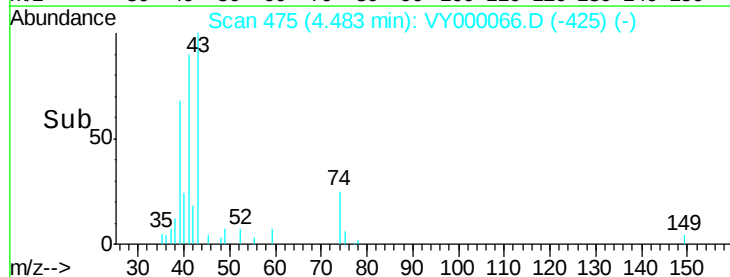
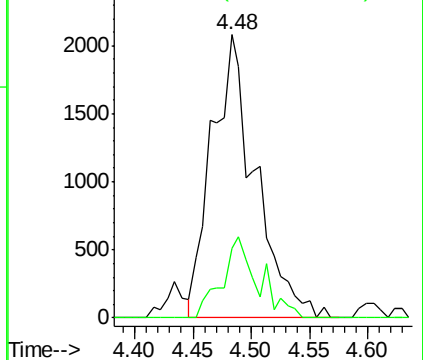
43 100

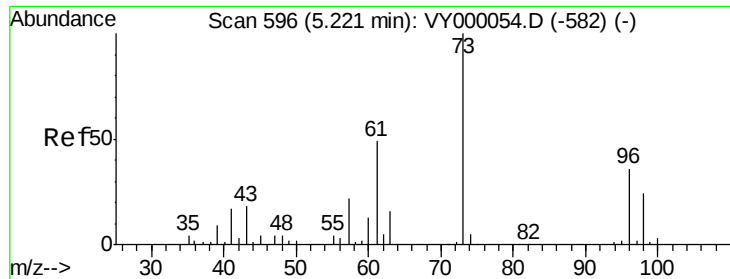
74 24.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





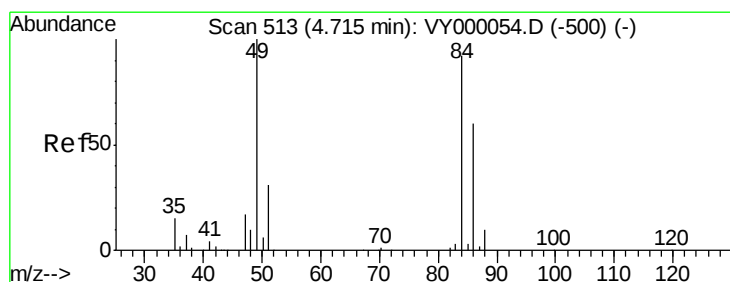
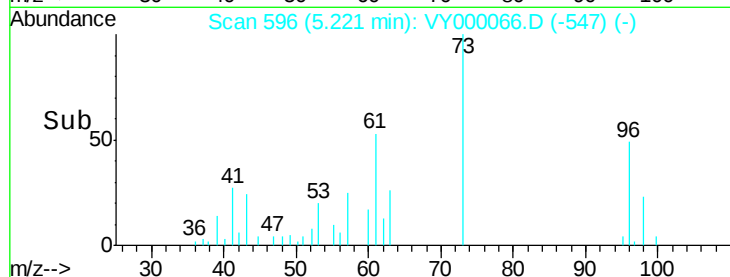
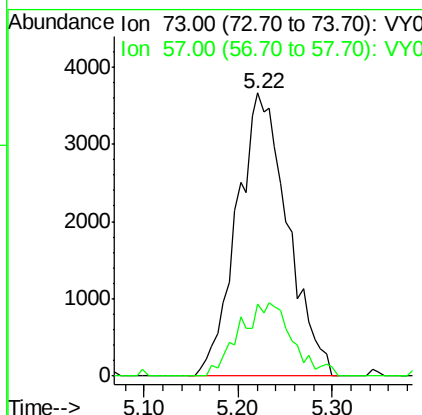
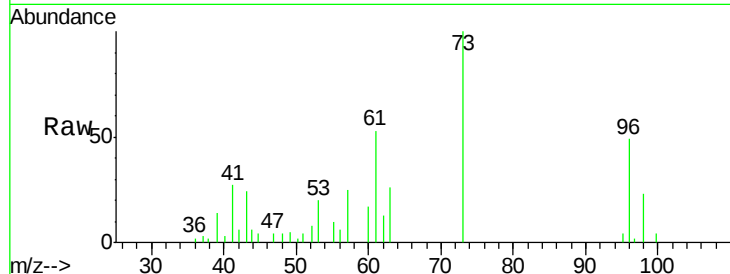
#19
Methvl tert-butvl Ether
Concen: 4.347 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion: 73 Resp: 13747
Ion Ratio Lower Upper
73 100
57 25.4 17.5 26.3

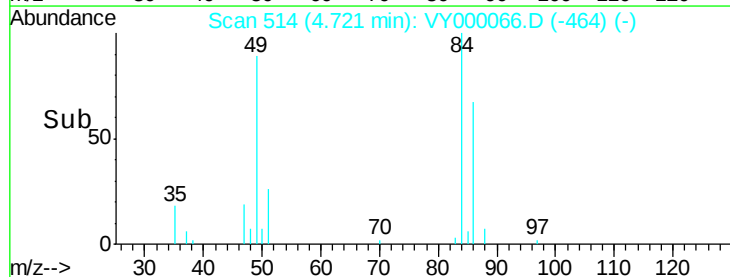
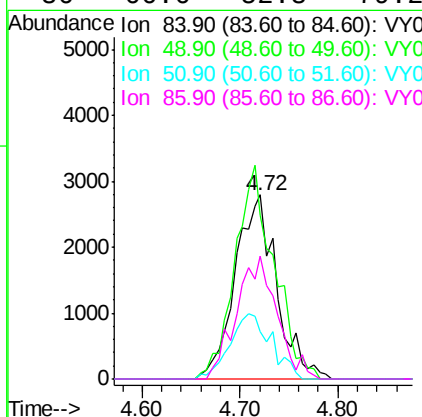
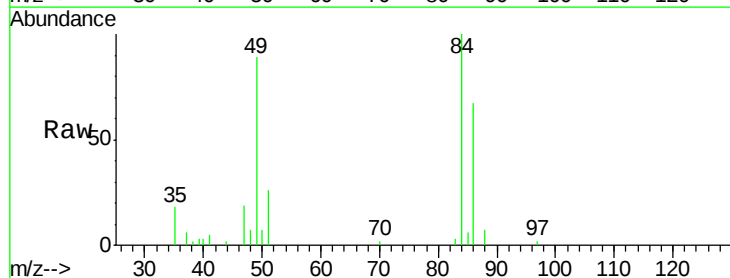
Manual Integrations
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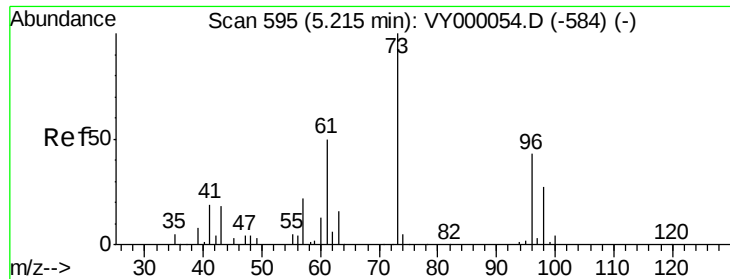
MMDadoda
9/20/2019 12:39:33 AM



#20
Methylene Chloride
Concen: 6.277 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 84 Resp: 8203
Ion Ratio Lower Upper
84 100
49 89.1 87.4 131.0
51 25.9 27.2 40.8#
86 66.6 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 4.947 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

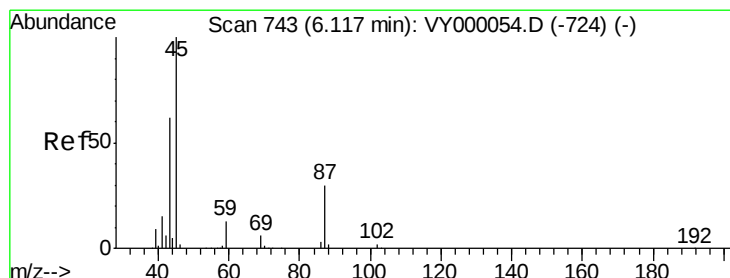
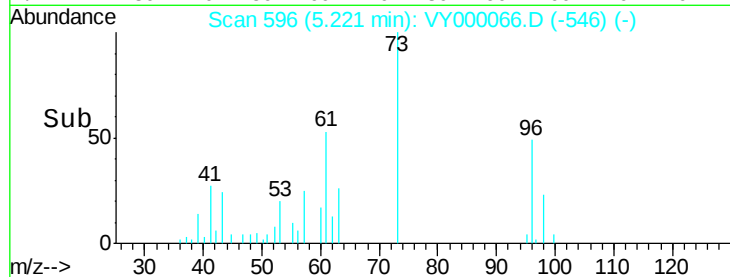
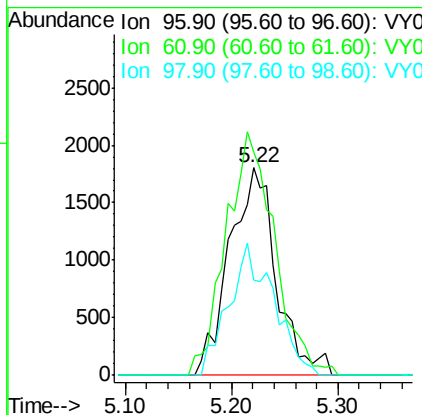
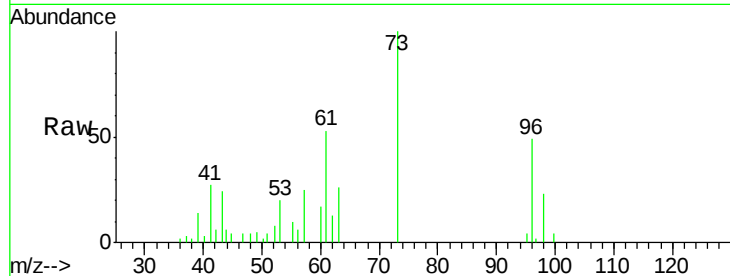
ClientSampled :

MDL2

Tot Ion:	96	Resp:	5565
Ion	Ratio	Lower	Upper
96	100		
61	107.9	94.0	141.0
98	45.9	50.3	75.5#

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#22

Diisopropyl ether

Concen: 4.472 ug/l

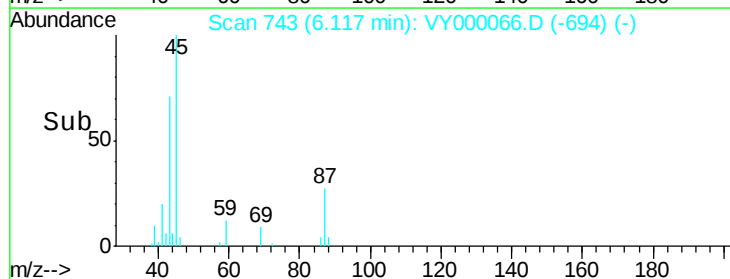
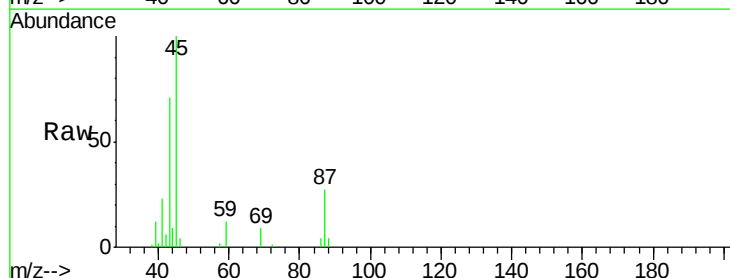
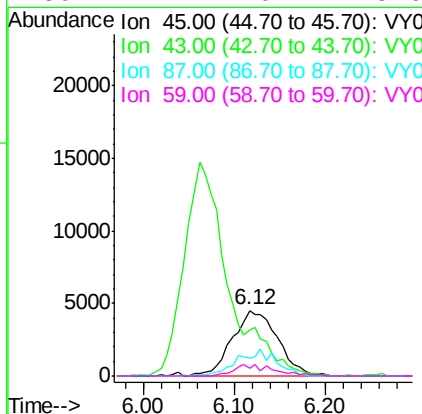
RT: 6.12 min Scan# 743

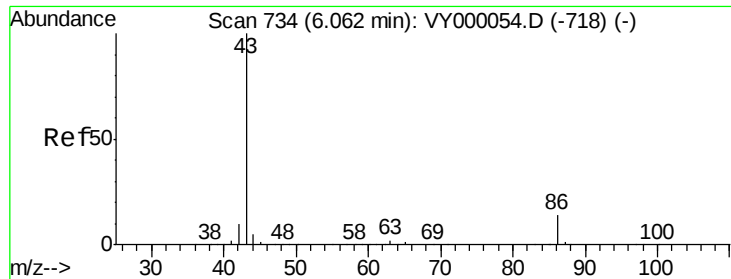
Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	45	Resp:	15626
Ion	Ratio	Lower	Upper
45	100		
43	71.1	49.9	74.9
87	27.0	25.0	37.4
59	12.1	10.4	15.6





#23

Vinyl Acetate

Concen: 21.520 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

MDL2

Tot Ion: 43 Resp: 50329

Ion Ratio Lower Upper

43 100

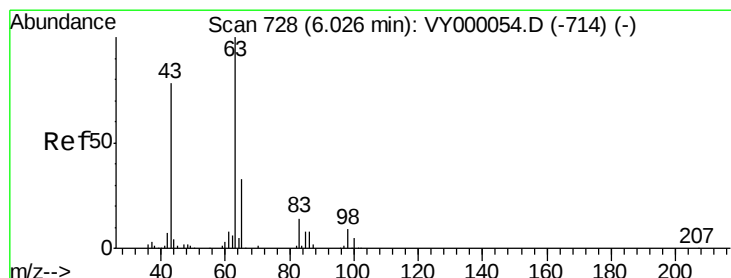
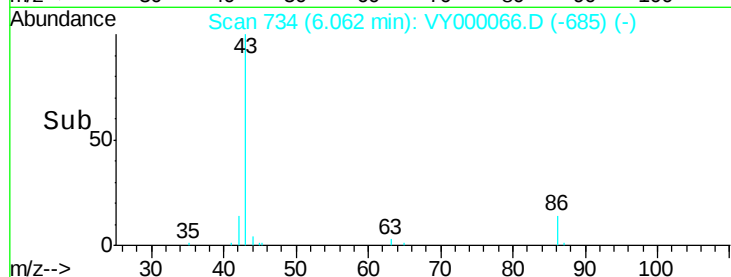
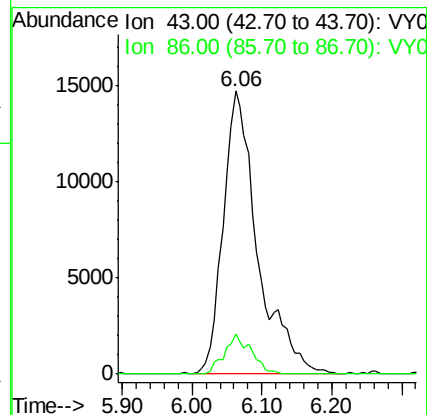
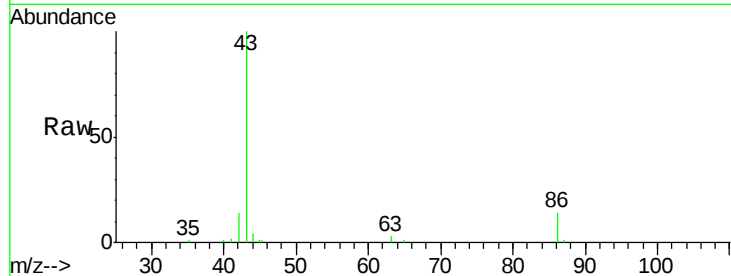
86 14.2 11.3 16.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 4.880 ug/l

RT: 6.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

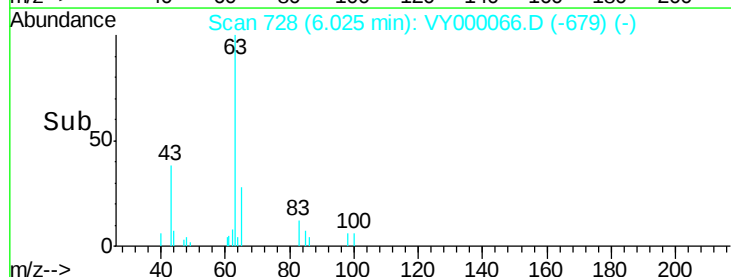
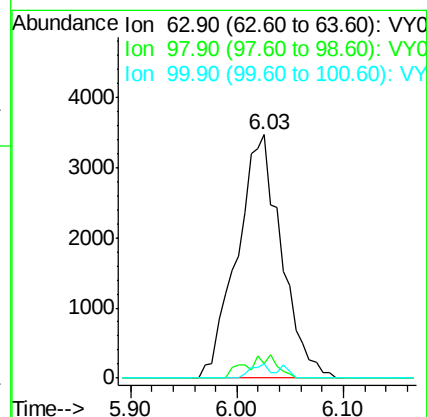
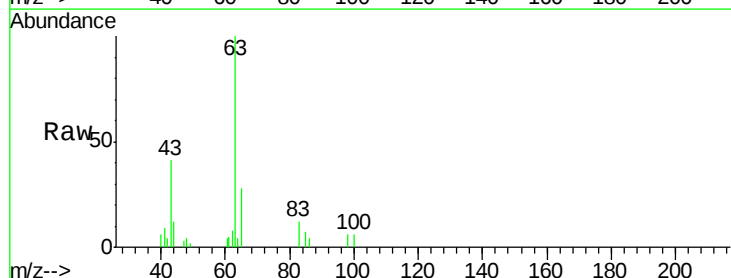
Tgt Ion: 63 Resp: 10093

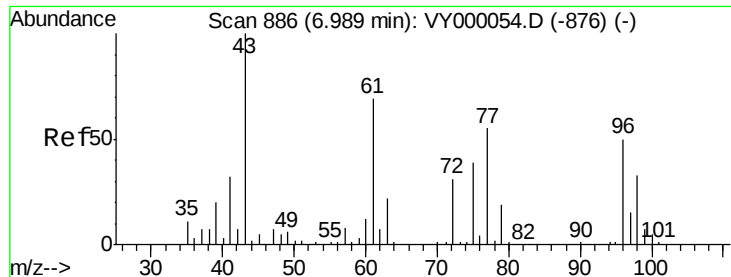
Ion Ratio Lower Upper

63 100

98 6.1 4.5 13.5

100 6.0 2.5 7.5





#25

2-Butanone

Concen: 24.625 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion: 43 Resp: 12391

Ion Ratio Lower Upper

43 100

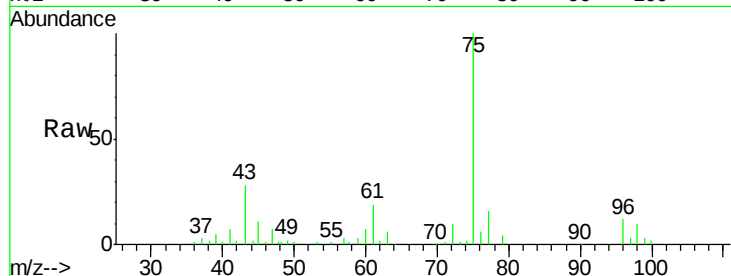
72 35.4 24.7 37.1

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

5000

4000

3000

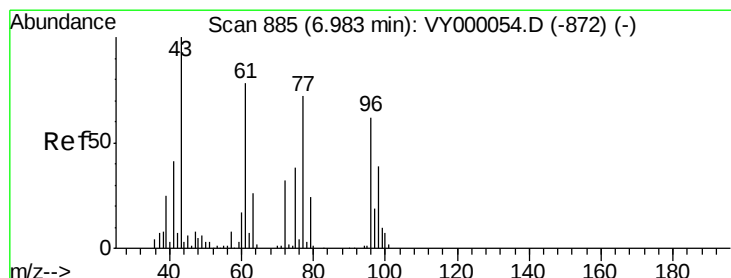
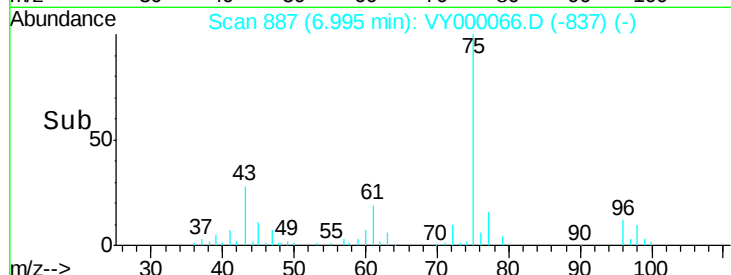
2000

1000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 5.292 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000066.D

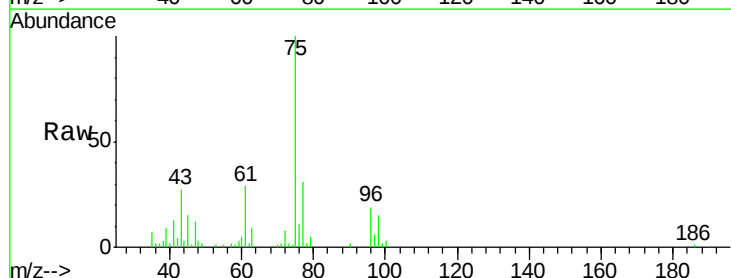
Acq: 18 Sep 2019 17:26

Tgt Ion: 77 Resp: 10329

Ion Ratio Lower Upper

77 100

97 19.4 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

4000

3000

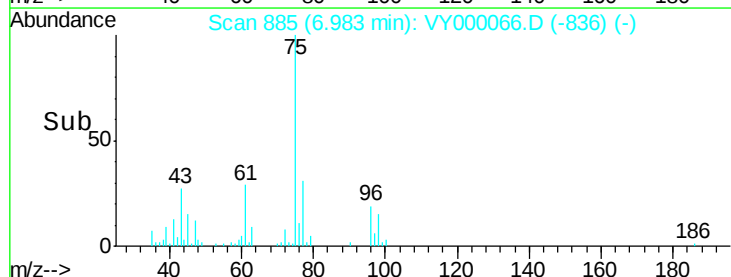
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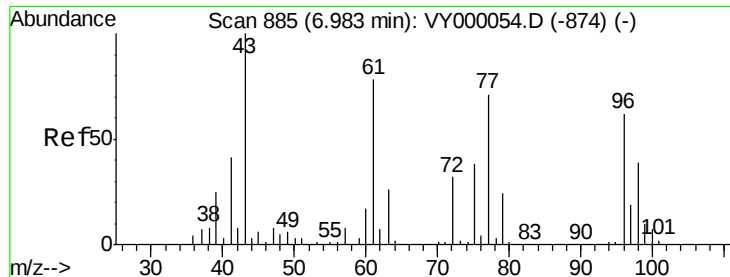
1000

0

6.90 6.95 7.00 7.05

Time-->





#27

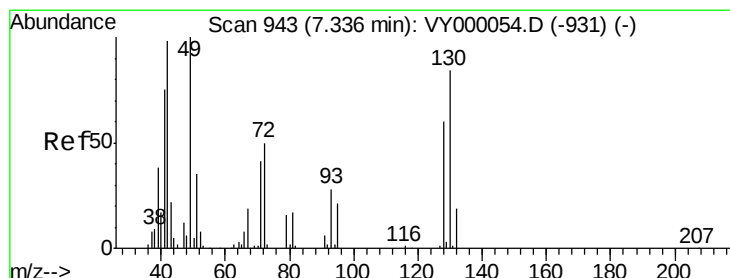
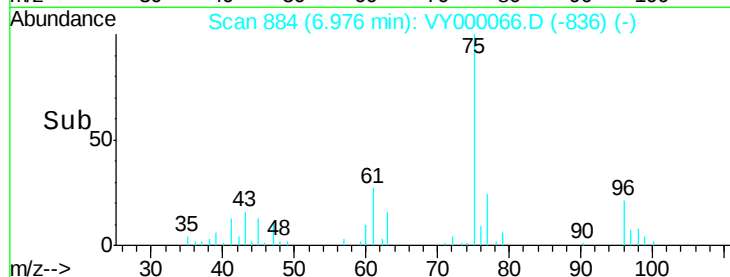
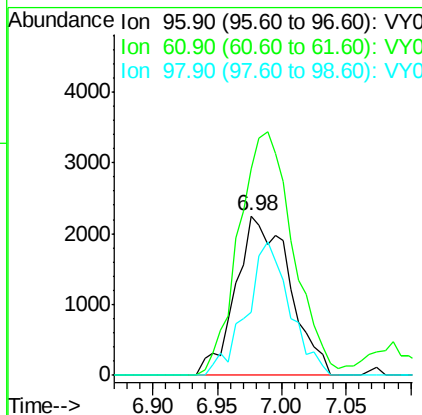
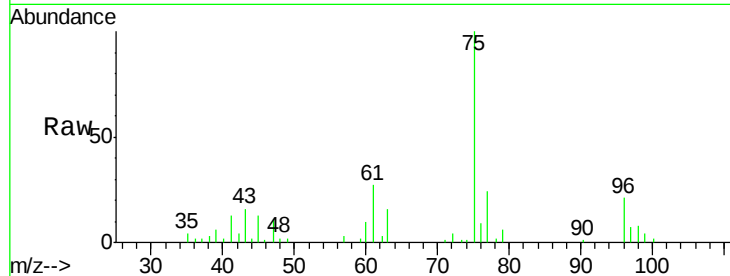
cis-1,2-Dichloroethene
Concen: 4.583 ug/l
RT: 6.98 min Scan# 884
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	263.0
98	66.7	0.0	130.2

Manual Integrations
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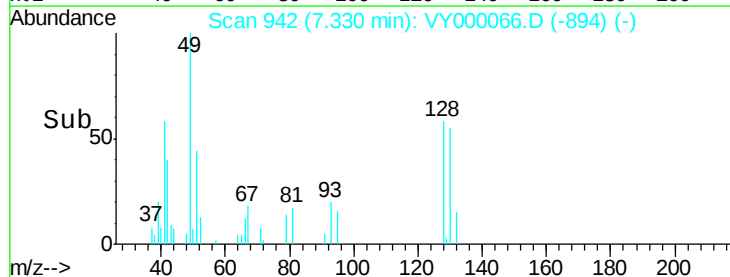
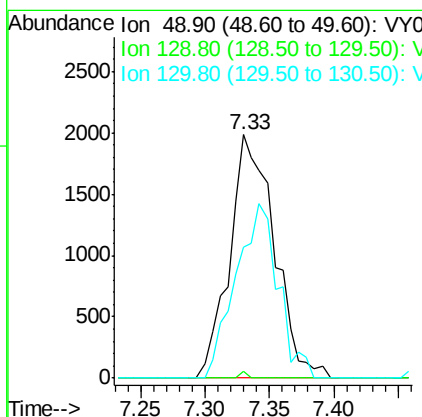
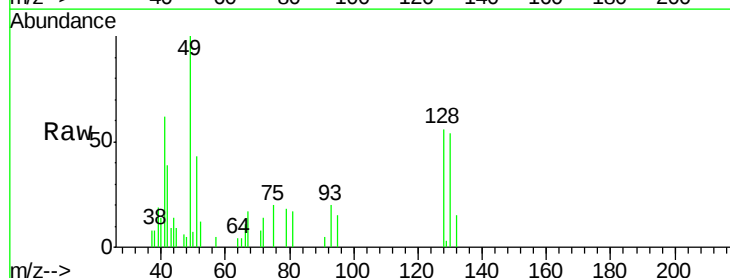
MMDadoda
9/20/2019 12:39:33 AM

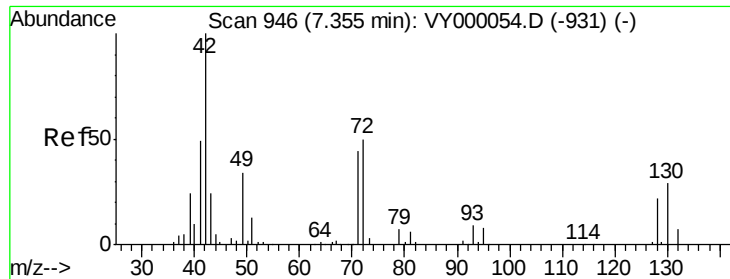


#28

Bromochloromethane
Concen: 4.979 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.8
130	67.8	66.2	99.4





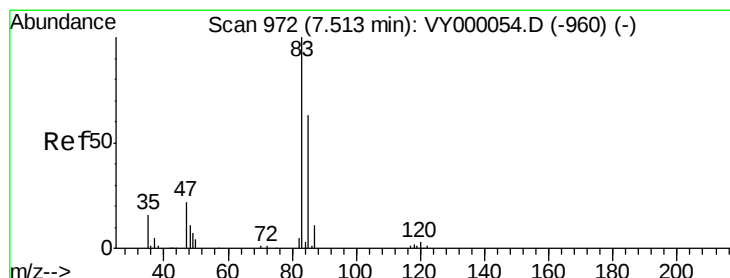
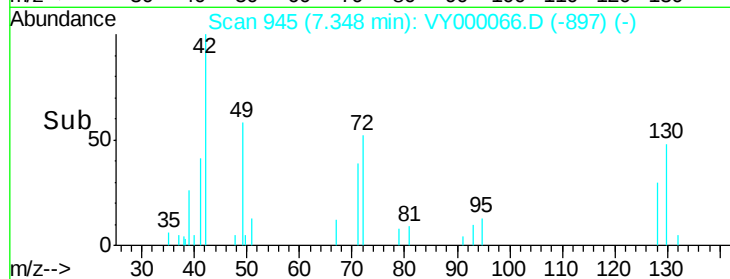
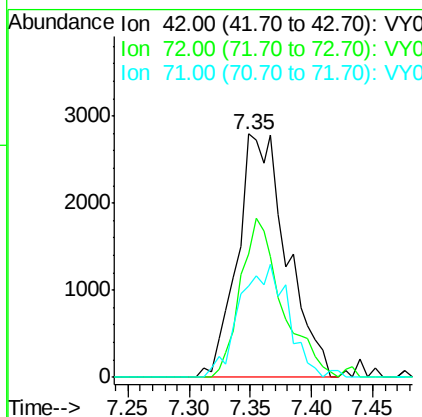
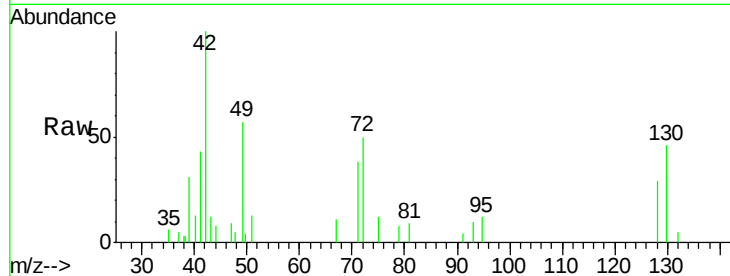
#29
Tetrahydrofuran
Concen: 25.993 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.1	41.8	62.6
71	45.1	38.6	58.0

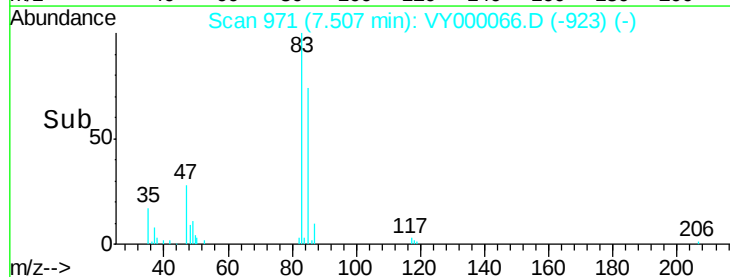
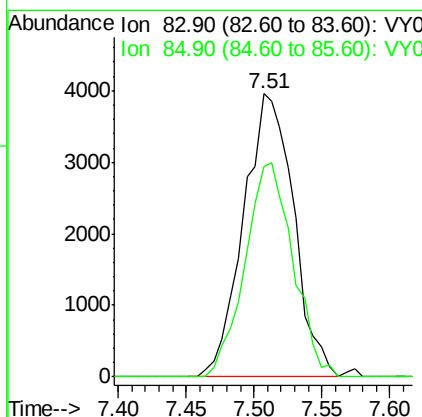
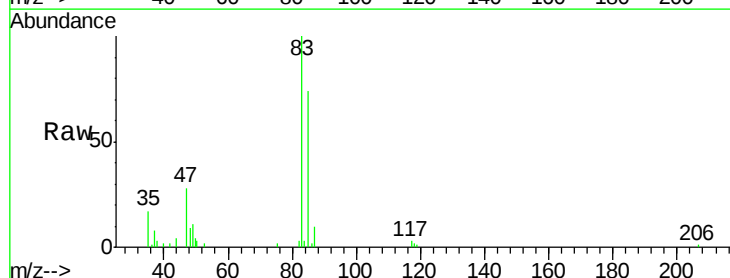
Manual Integrations
APPROVED

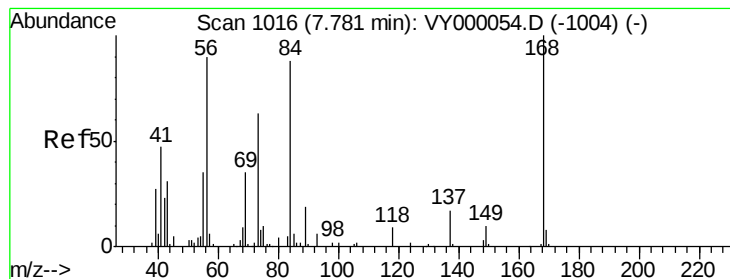
MMDadoda
9/20/2019 12:39:33 AM



#30
Chloroform
Concen: 4.764 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	74.4	50.6	76.0





#31

Cyclohexane

Concen: 6.015 ug/l

RT: 7.78 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

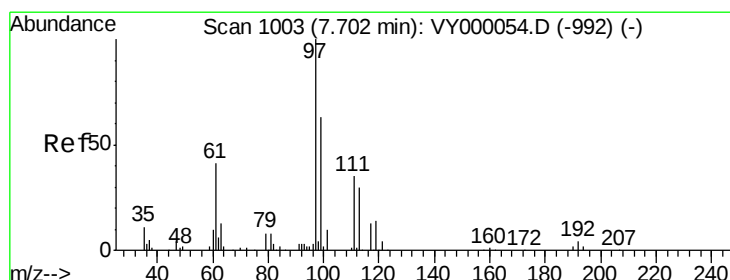
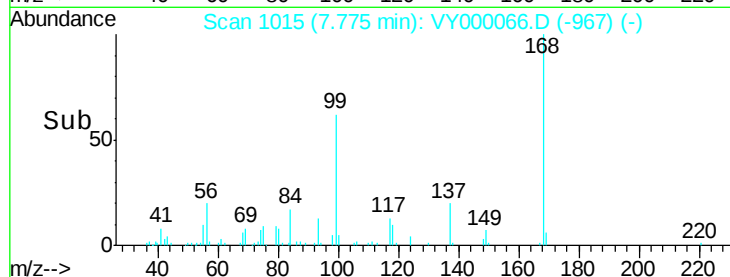
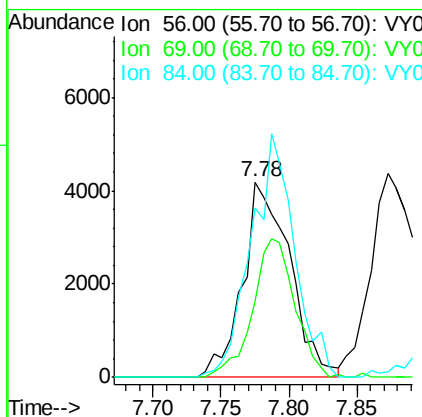
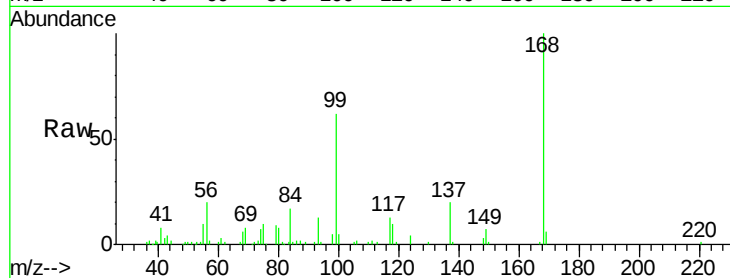
ClientSampleId :

MDL2

Tot Ion:	56	Resp:	10133
Ion Ratio	Lower	Upper	
56	100		
69	38.7	30.9	46.3
84	86.4	78.5	117.7

Manual Integrations
APPROVED

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9/20/2019 12:39:33 AM



#32

1,1,1-Trichloroethane

Concen: 4.486 ug/l

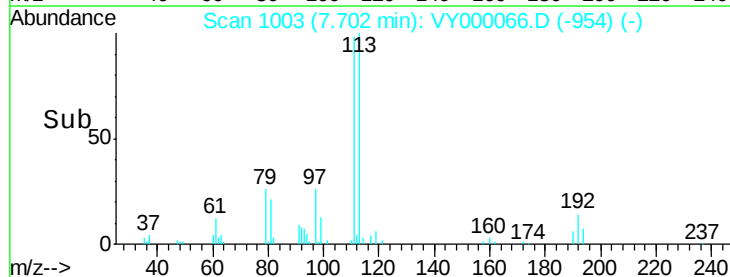
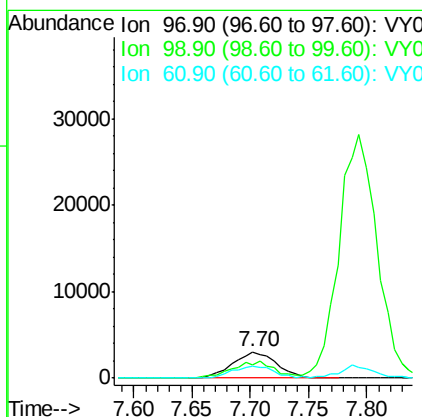
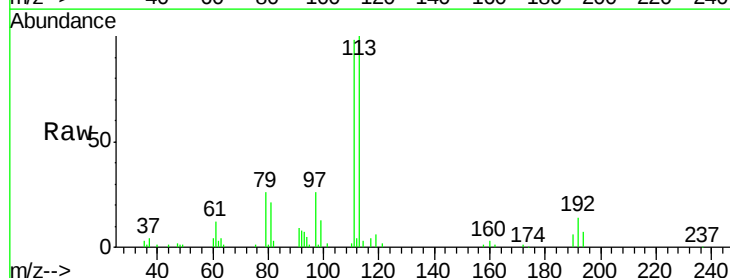
RT: 7.70 min Scan# 1003

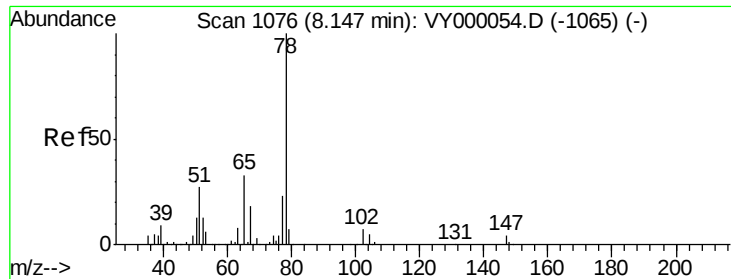
Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	97	Resp:	7777
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.8	77.6
61	45.6	34.3	51.5





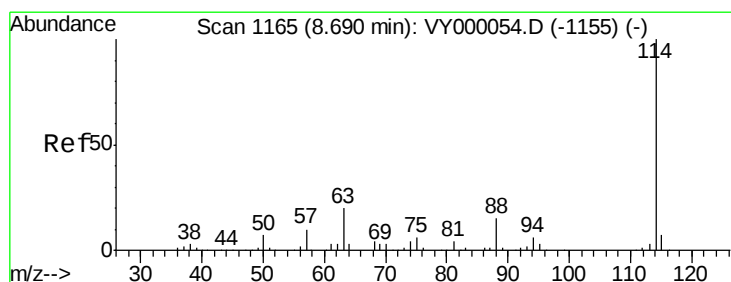
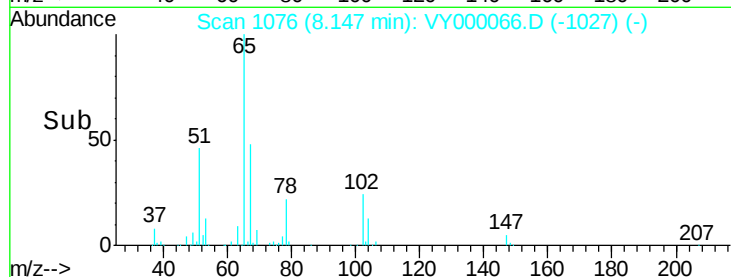
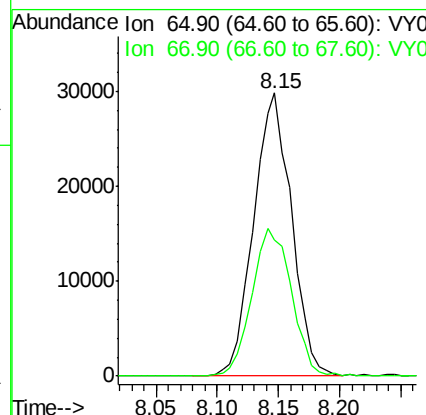
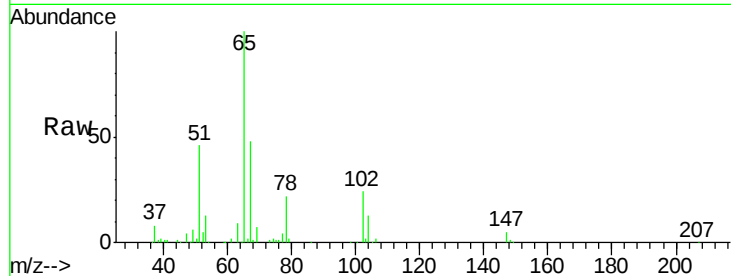
#33
 1,2-Dichloroethane-d4
 Concen: 53.919 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL2

Tot Ion	65	Resp	64335
Ion Ratio	Lower	Upper	
65	100		
67	54.8	0.0	111.0

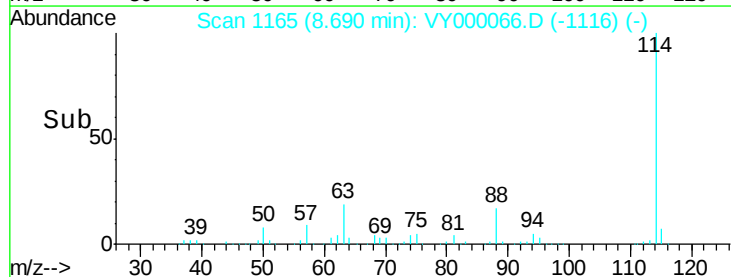
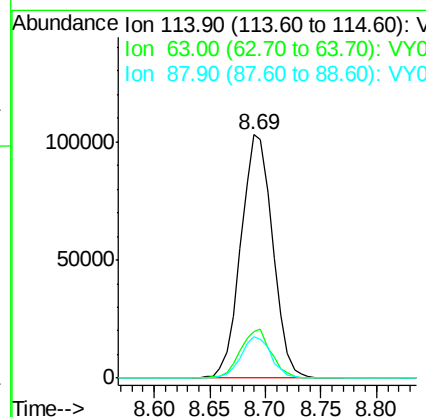
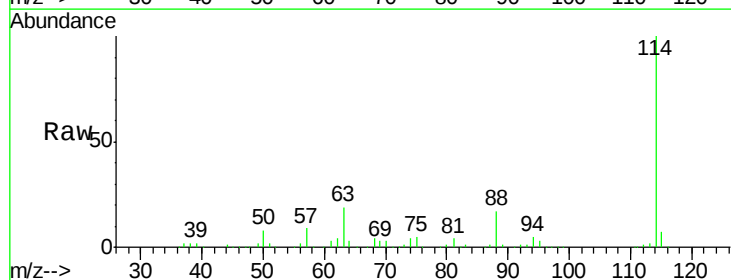
Manual Integrations
 APPROVED

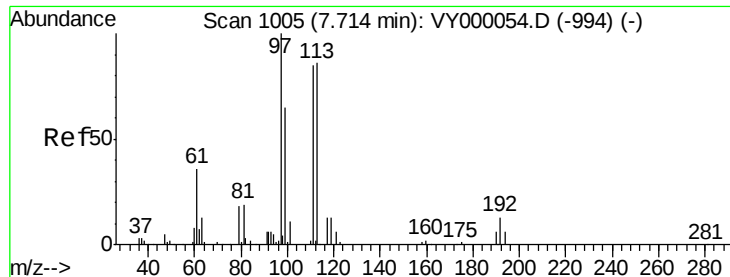
MMDadoda
 9/20/2019 12:39:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion	114	Resp	203806
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	39.4
88	16.9	0.0	30.2





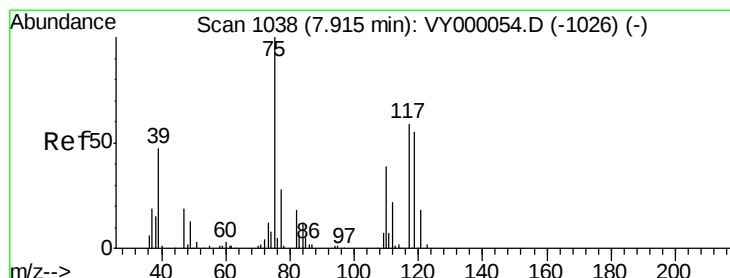
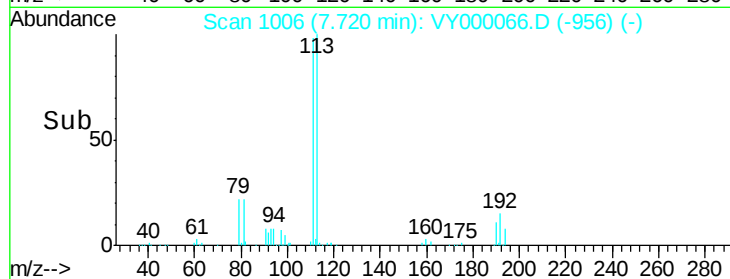
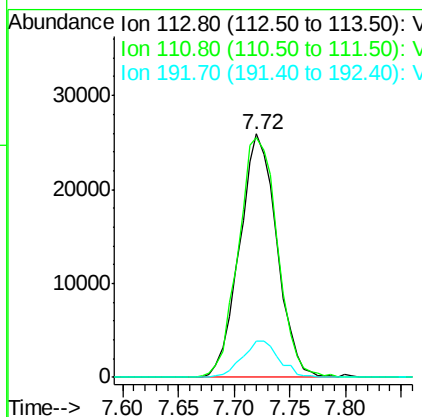
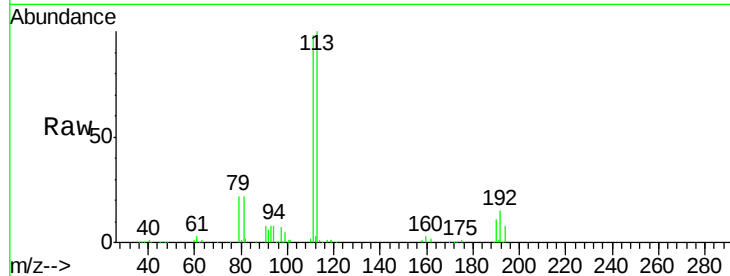
#35
Dibromofluoromethane
Concen: 48.955 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.7	122.5
192	14.7	13.4	20.2

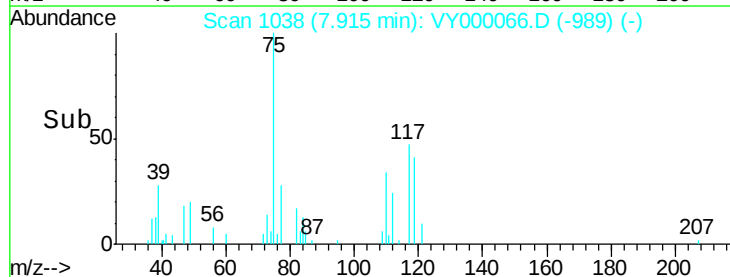
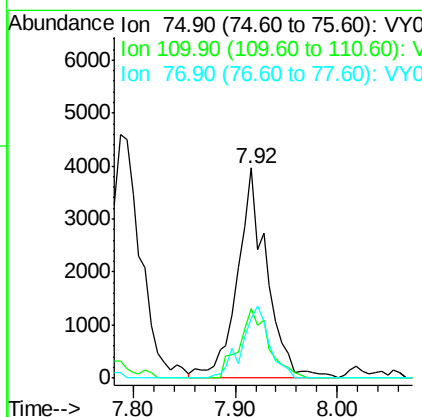
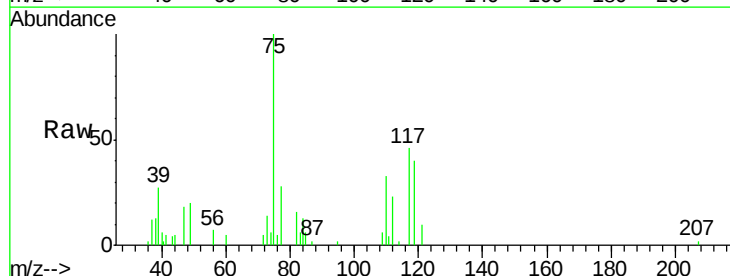
Manual Integrations
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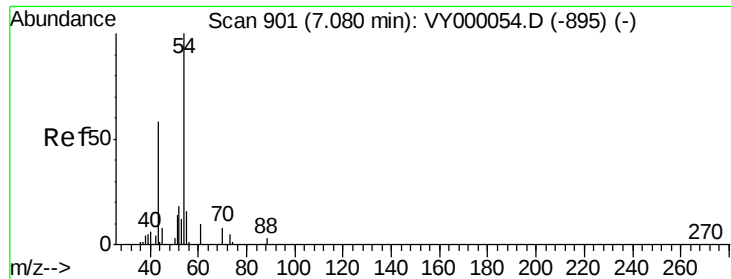
MMDadoda
9/20/2019 12:39:33 AM



#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 7.92 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	19.6	58.7
77	31.4	24.3	36.5





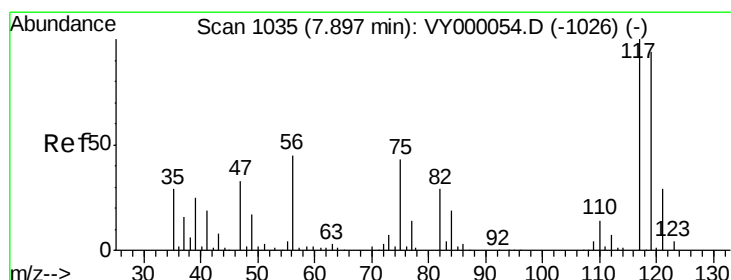
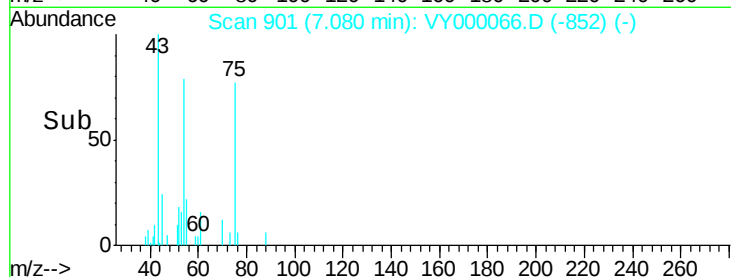
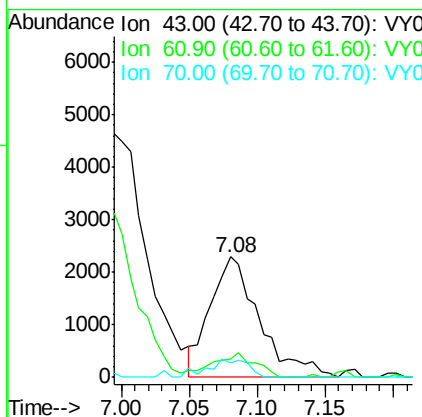
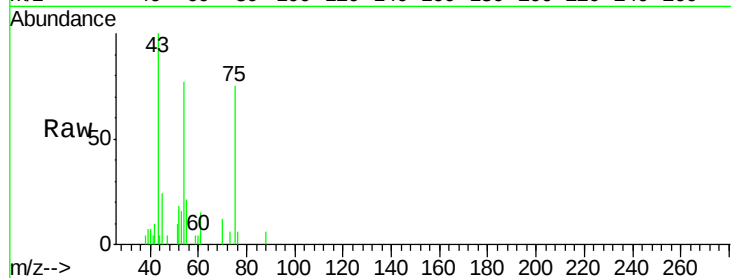
#37
Ethyl Acetate
Concen: 5.690 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	14.1	21.1
70	12.0	10.6	15.8

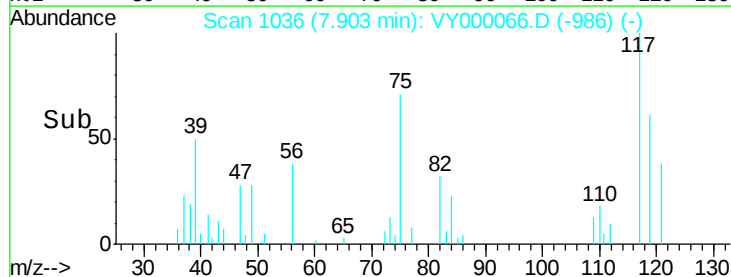
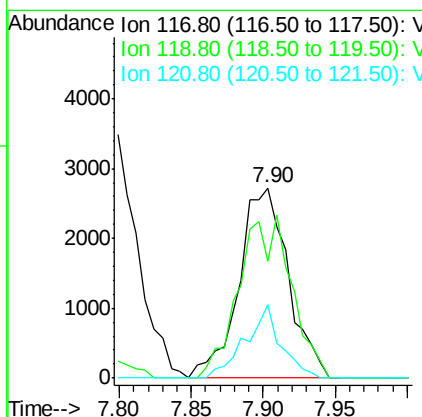
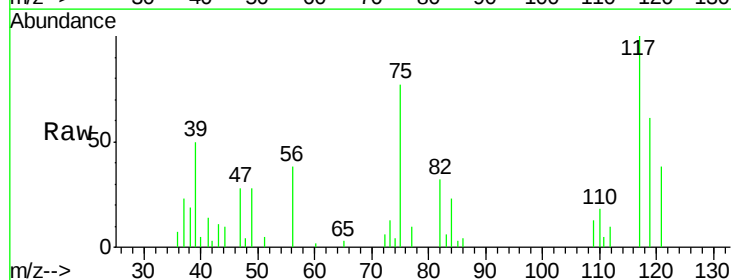
Manual Integrations
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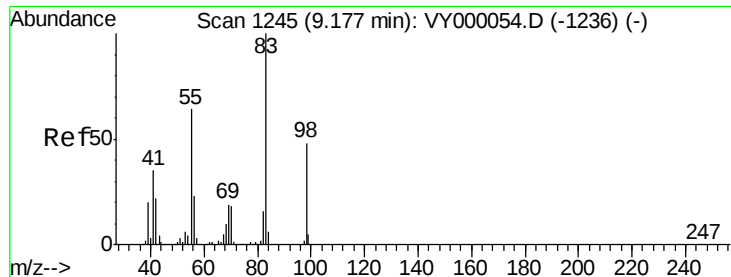
MMDadoda
9/20/2019 12:39:33 AM



#38
Carbon Tetrachloride
Concen: 4.494 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	61.3	75.0	112.6#
121	38.4	22.8	34.2#





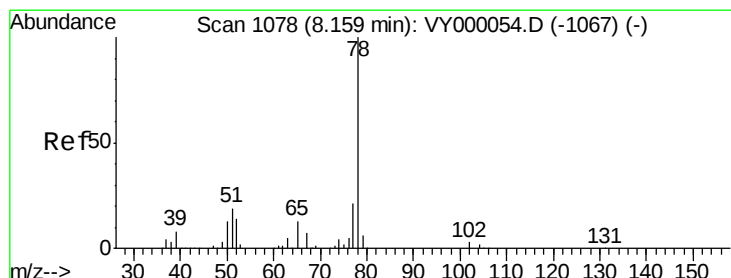
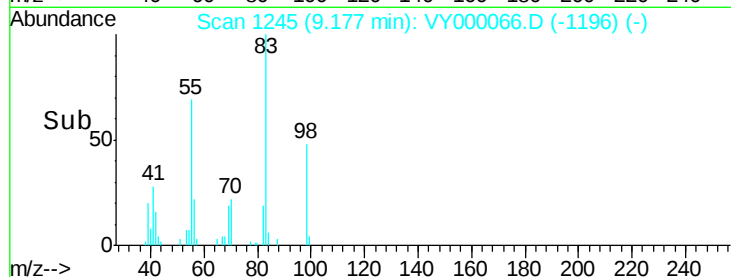
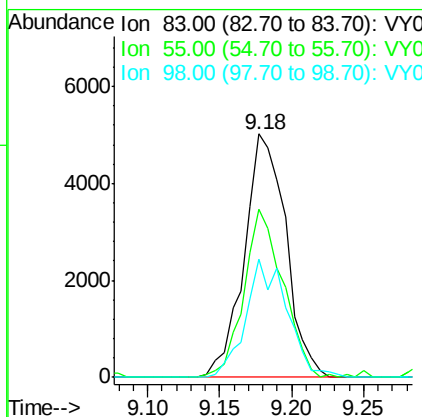
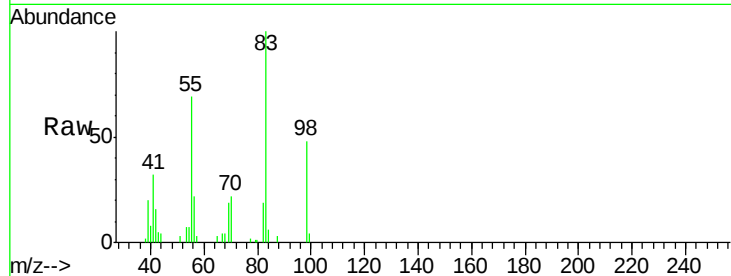
#39
Methvlcvclohexane
Concen: 5.339 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	51.0	76.6
98	48.5	38.5	57.7

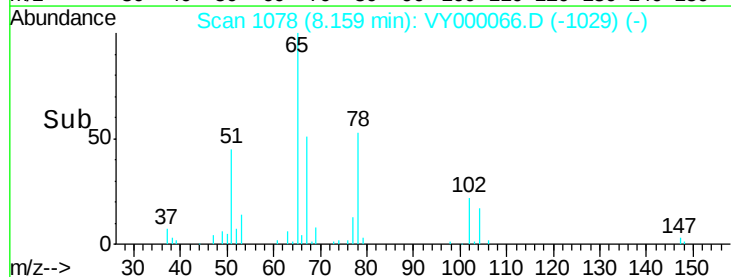
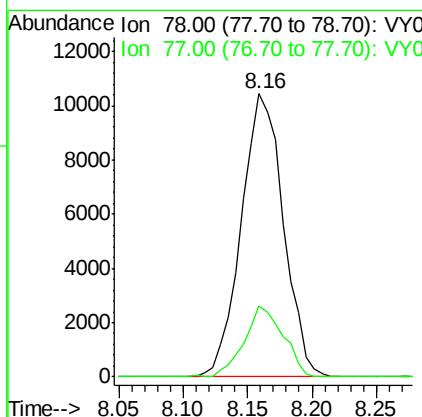
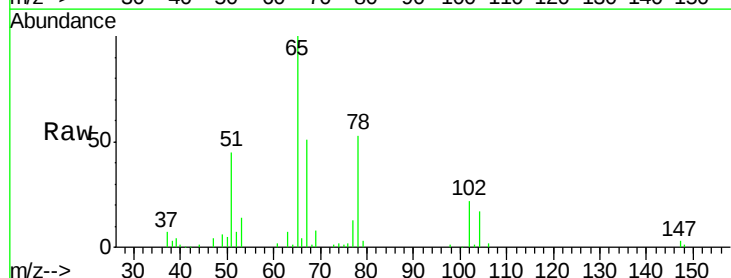
Manual Integrations
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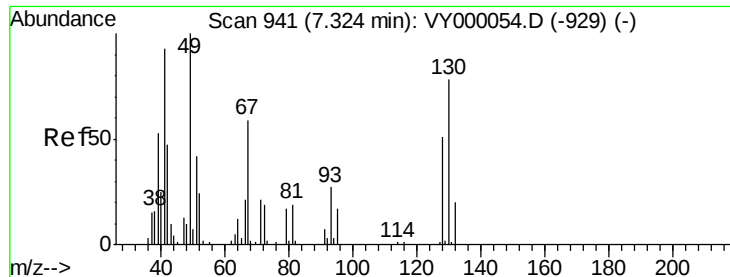
MMDadoda
9/20/2019 12:39:33 AM



#40
Benzene
Concen: 4.694 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	16.8	25.2





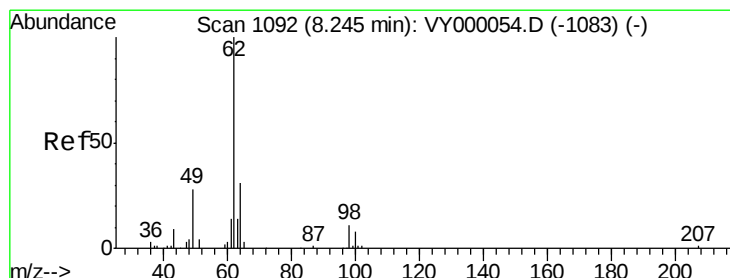
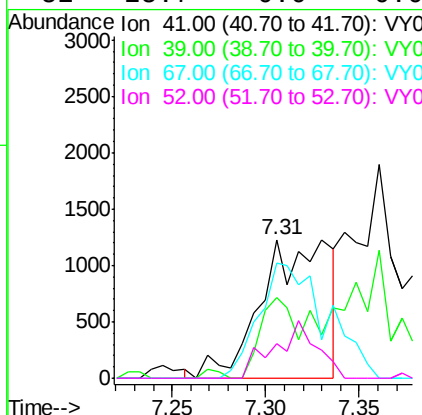
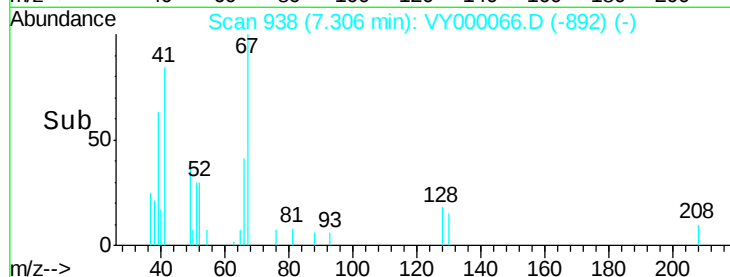
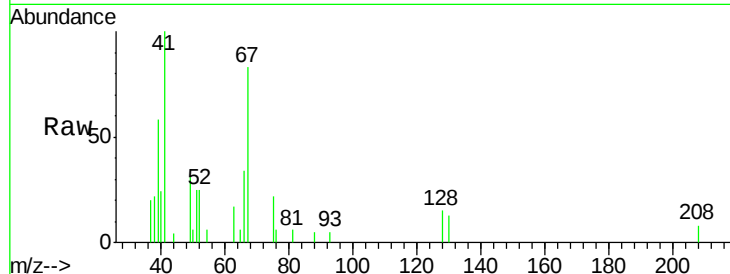
#41
Methacrylonitrile
Concen: 5.117 ug/l m
RT: 7.31 min Scan# 938
Delta R.T. -0.02 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	Ratio	Lower	Upper
41	100		
39	29.4	91.8	137.6#
67	81.5	0.0	0.0#
52	25.7	0.0	0.0#

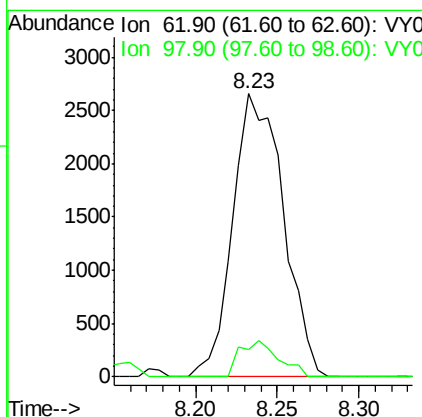
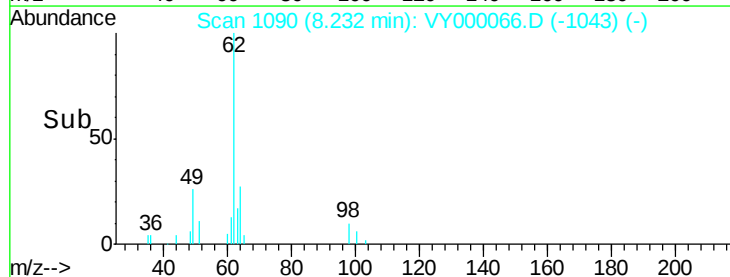
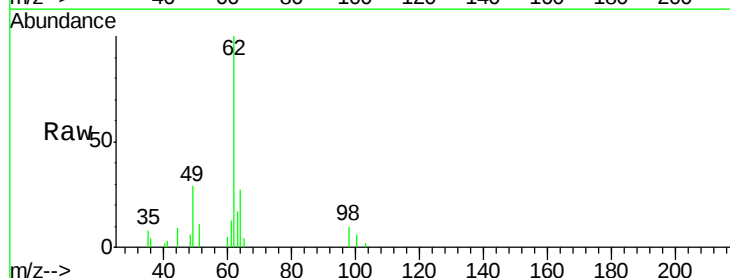
Manual Integrations
APPROVED

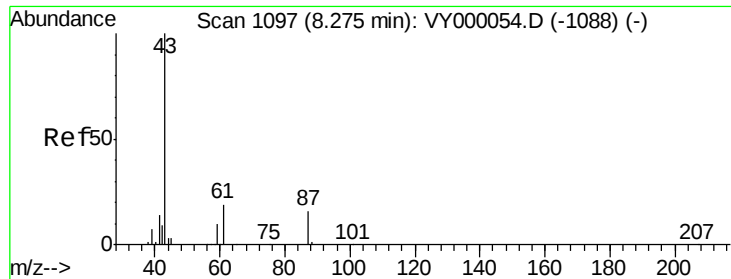
MMDadoda
9/20/2019 12:39:33 AM



#42
1,2-Dichloroethane
Concen: 4.299 ug/l
RT: 8.23 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	23.6





#43

Isopropyl Acetate

Concen: 4.610 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

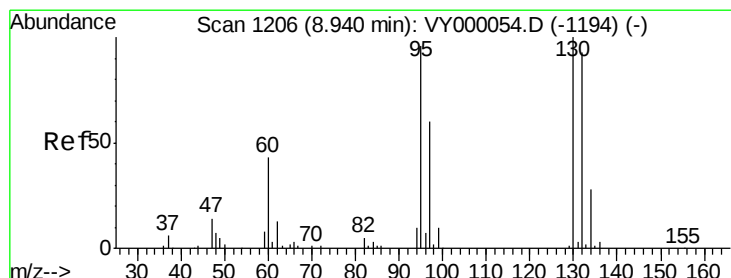
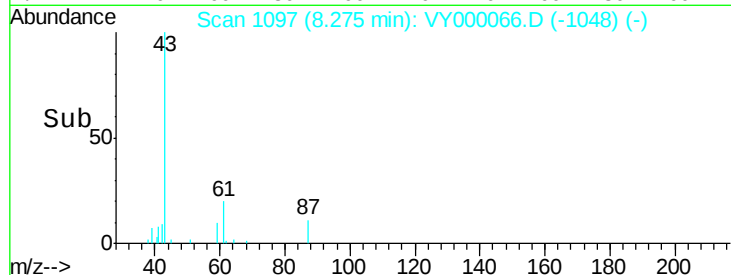
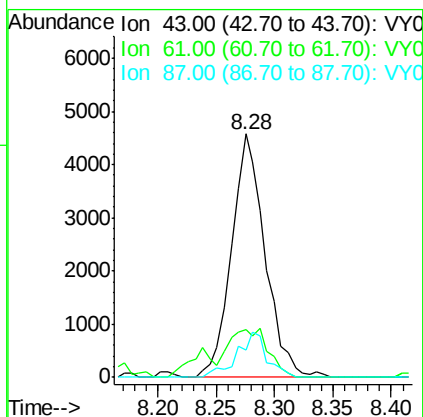
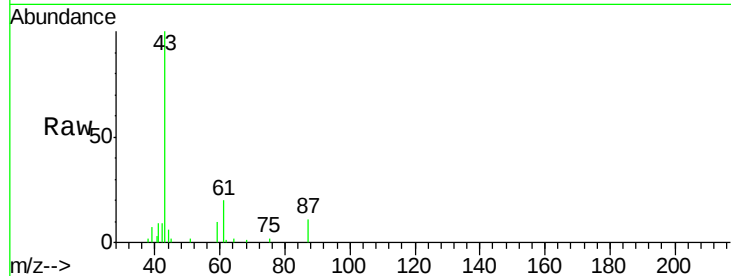
ClientSampleId :

MDL2

Tot Ion:	43	Resp:	9158
Ion	Ratio	Lower	Upper
43	100		
61	23.4	25.0	37.6#
87	16.5	12.4	18.6

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#44

Trichloroethene

Concen: 4.619 ug/l

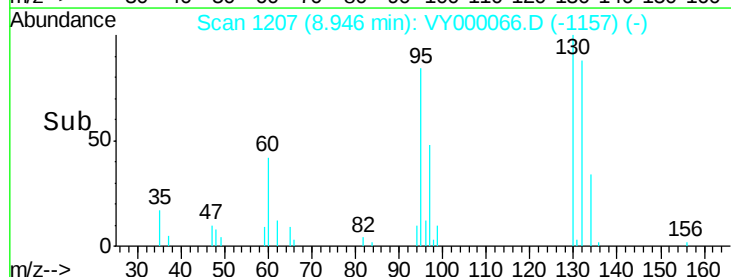
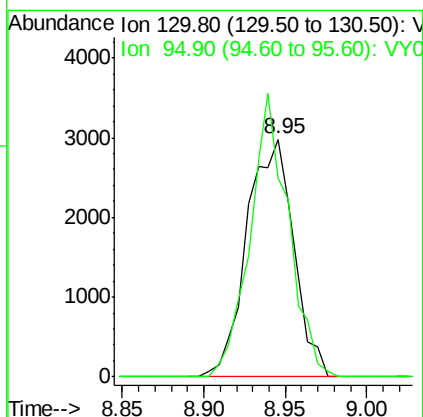
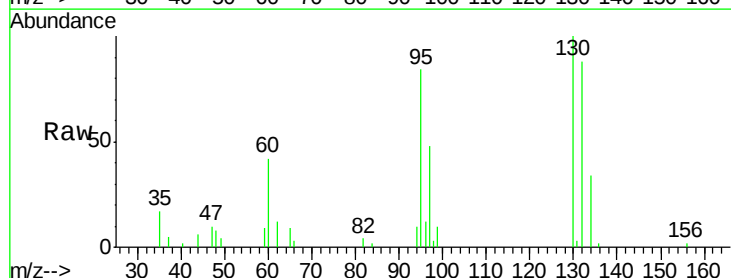
RT: 8.95 min Scan# 1207

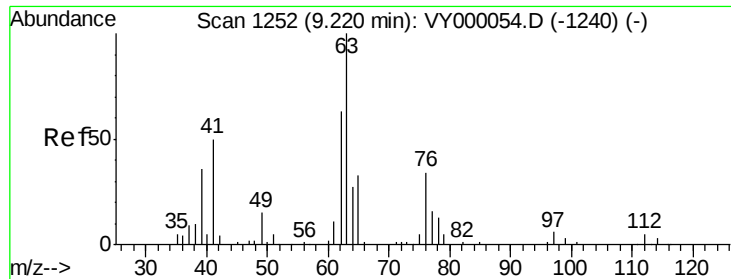
Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	130	Resp:	5939
Ion	Ratio	Lower	Upper
130	100		
95	83.8	0.0	192.0





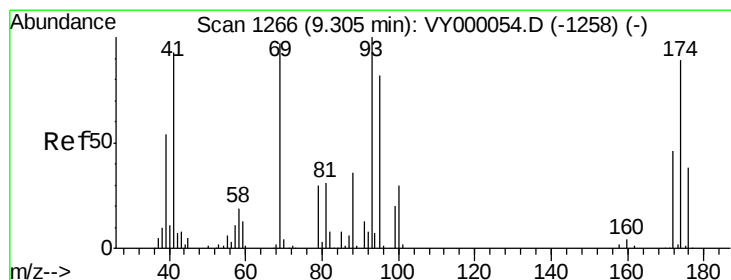
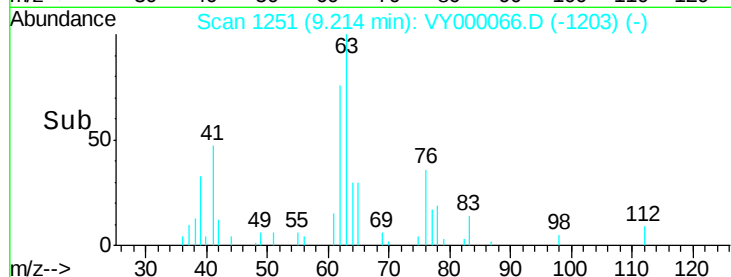
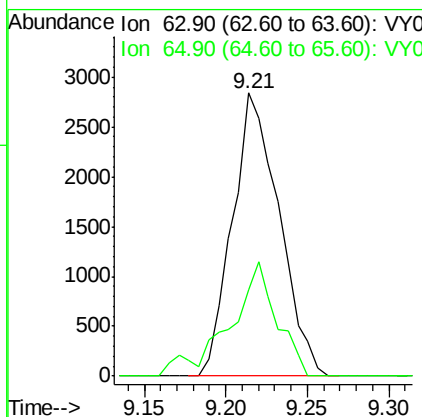
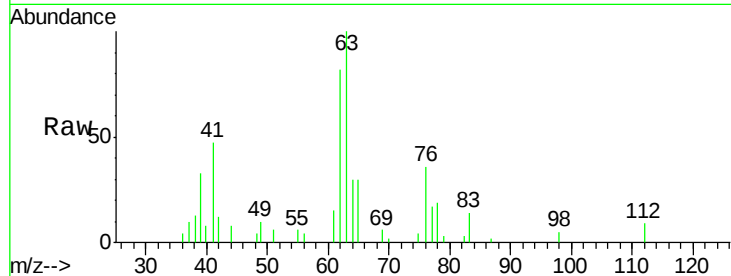
#45
 1,2-Dichloropropane
 Concen: 4.350 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL2

Tot Ion: 63 Resp: 5672
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.2 39.4

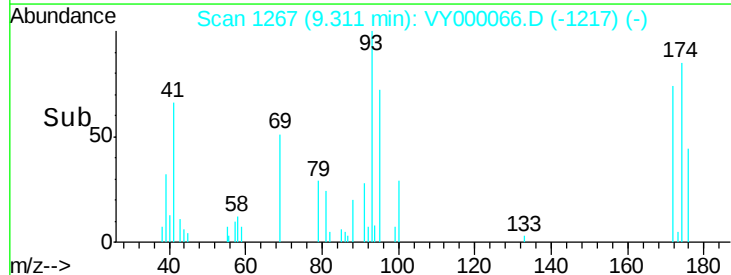
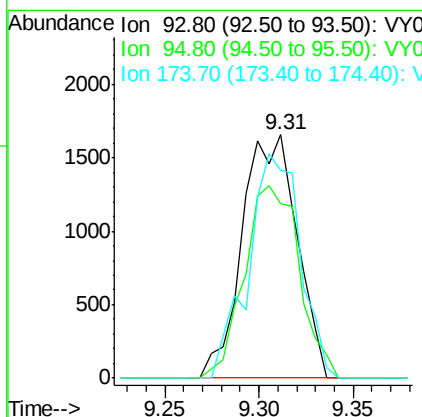
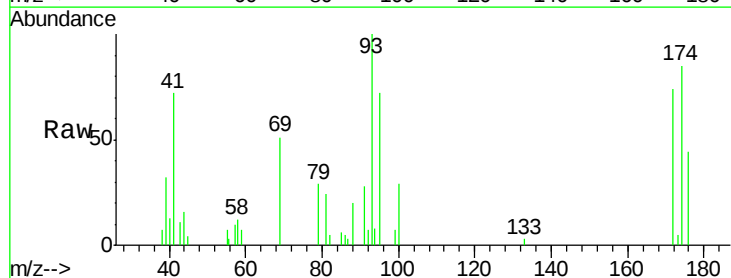
Manual Integrations
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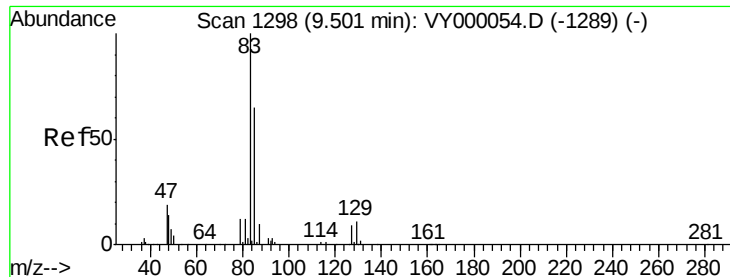
MMDadoda
 9/20/2019 12:39:33 AM



#46
 Dibromomethane
 Concen: 4.681 ug/l
 RT: 9.31 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 93 Resp: 3334
 Ion Ratio Lower Upper
 93 100
 95 79.3 68.1 102.1
 174 87.6 67.8 101.6





#47

Bromodichloromethane

Concen: 4.361 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

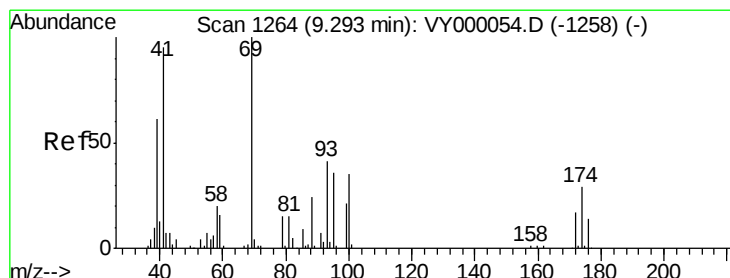
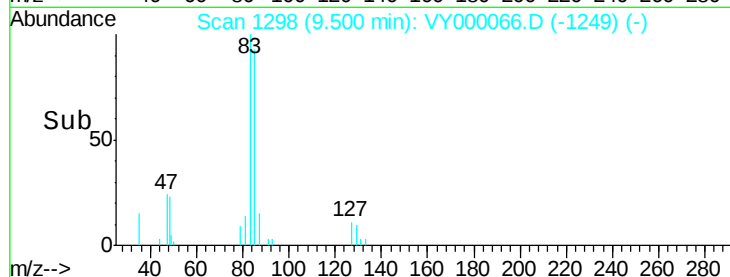
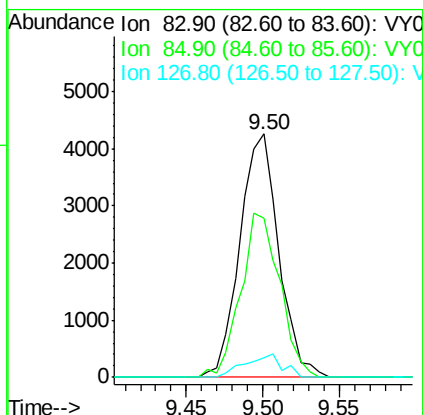
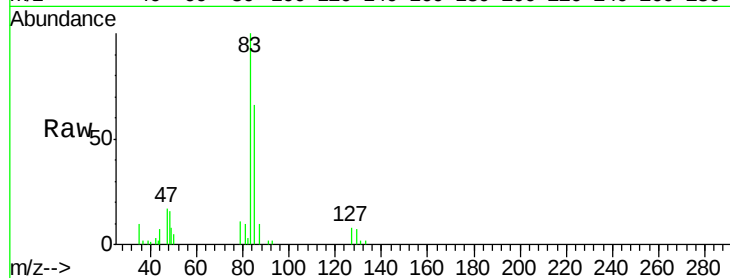
ClientSampleId :

MDL2

Tot Ion:	83	Resp:	7537
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.3	78.5
127	8.1	6.8	10.2

Manual Integrations
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MMDadoda
9/20/2019 12:39:33 AM



#48

Methyl methacrylate

Concen: 4.964 ug/l

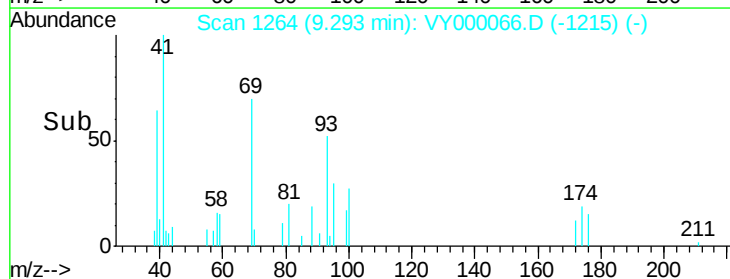
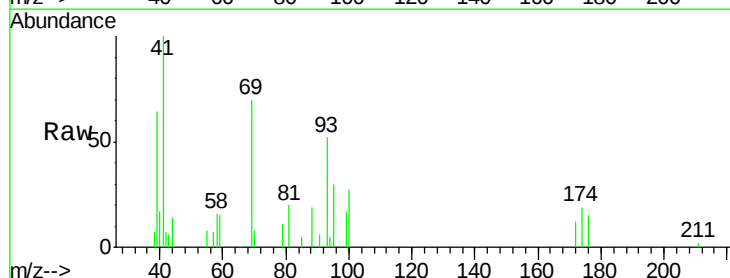
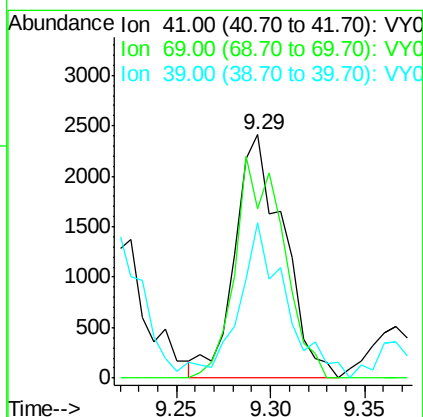
RT: 9.29 min Scan# 1264

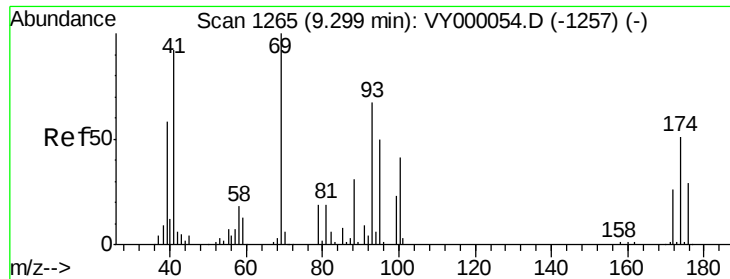
Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	41	Resp:	4337
Ion	Ratio	Lower	Upper
41	100		
69	89.2	78.1	117.1
39	59.4	49.4	74.0





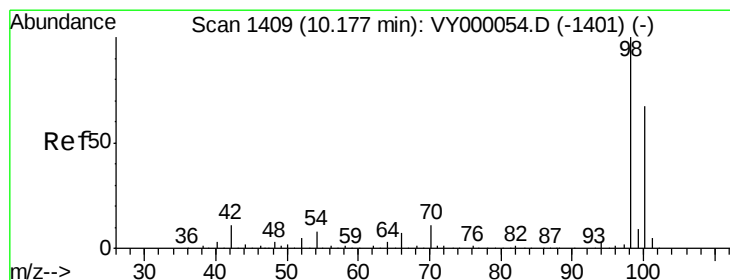
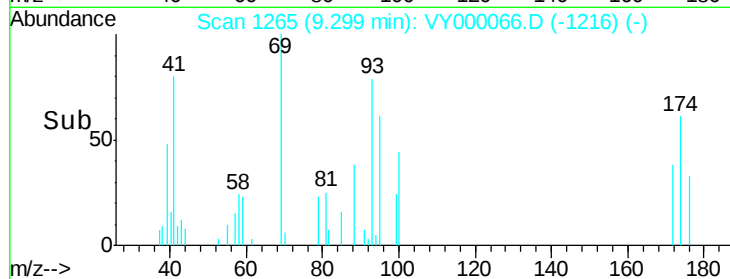
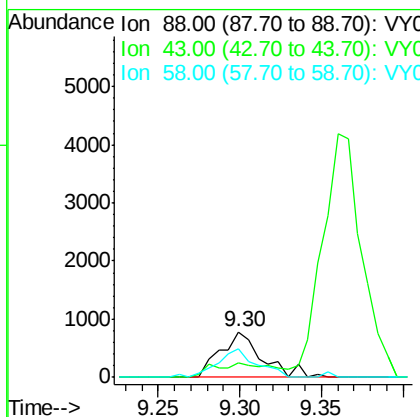
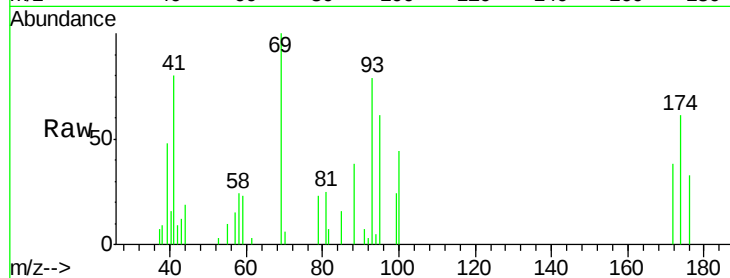
#49
1,4-Dioxane
Concen: 99.875 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	88	Resp	1381
Ion	Ratio	Lower	Upper
88	100		
43	46.0	18.7	28.1#
58	58.3	53.0	79.6

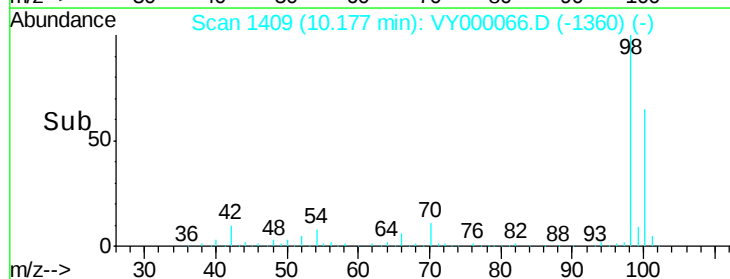
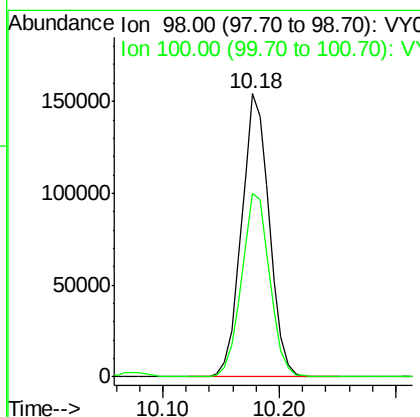
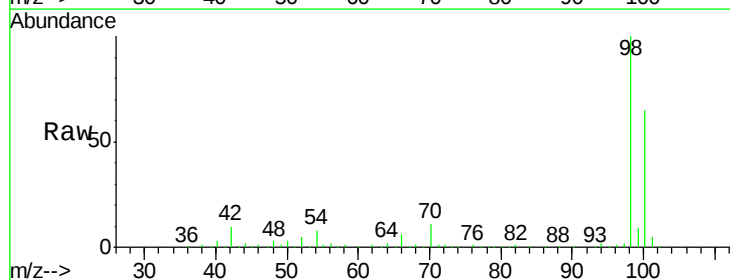
Manual Integrations
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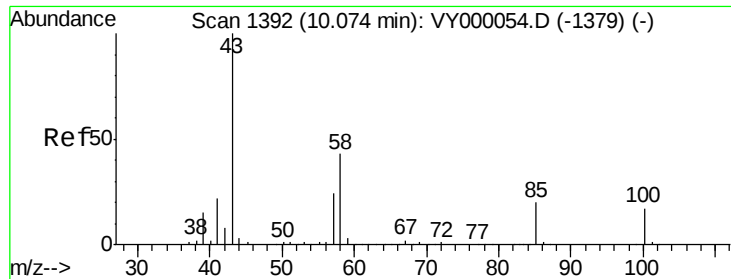
MMDadoda
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#50
Toluene-d8
Concen: 52.559 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	98	Resp	254740
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 21.598 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion: 43 Resp: 23426

Ion Ratio Lower Upper

43 100

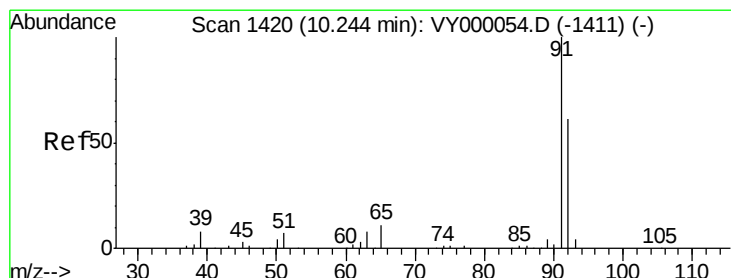
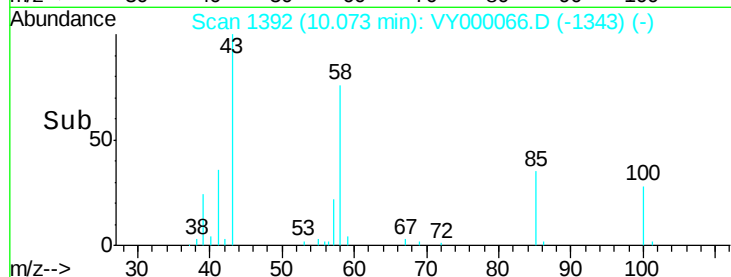
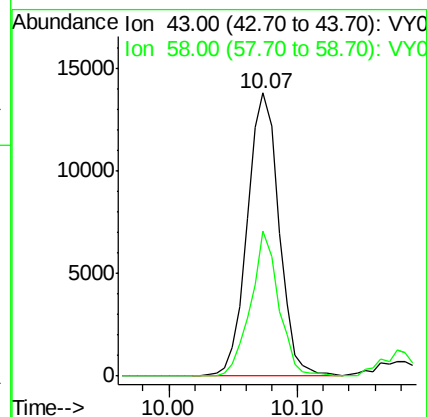
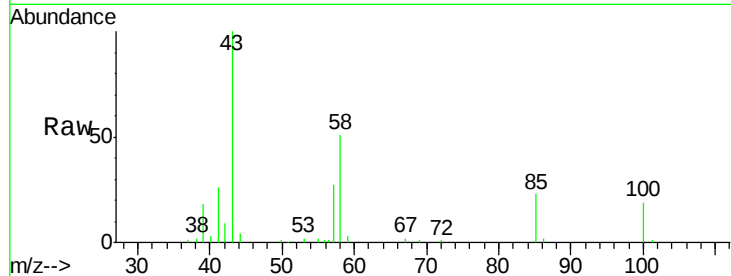
58 45.0 34.2 51.2

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#52

Toluene

Concen: 4.763 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000066.D

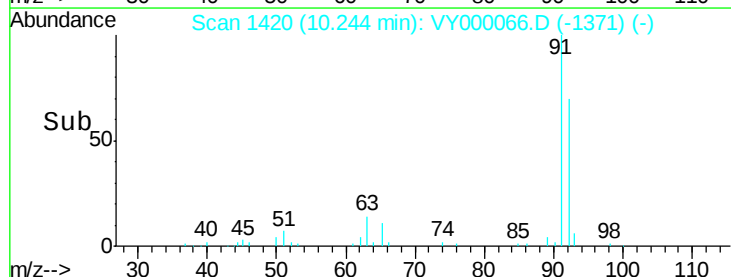
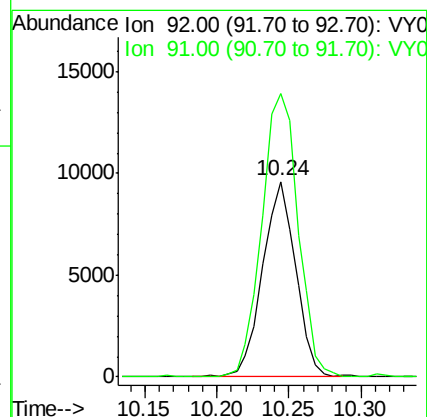
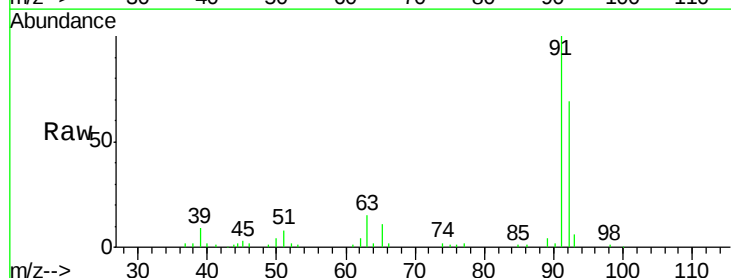
Acq: 18 Sep 2019 17:26

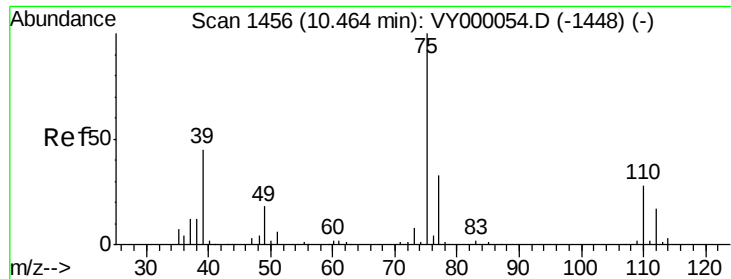
Tgt Ion: 92 Resp: 15232

Ion Ratio Lower Upper

92 100

91 159.4 135.8 203.6





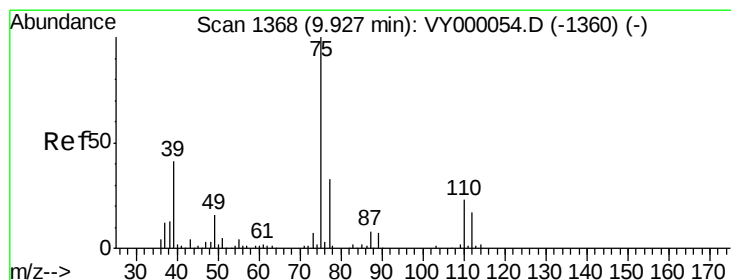
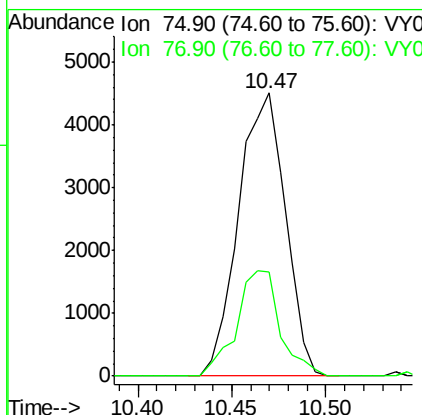
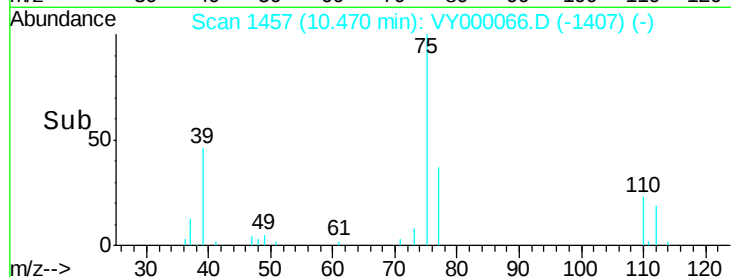
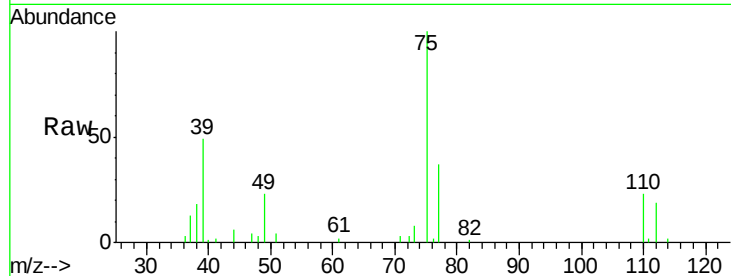
#53
t-1,3-Dichloropropene
Concen: 4.244 ug/l
RT: 10.47 min Scan# 1457
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion: 75 Resp: 7776
Ion Ratio Lower Upper
75 100
77 36.9 26.2 39.2

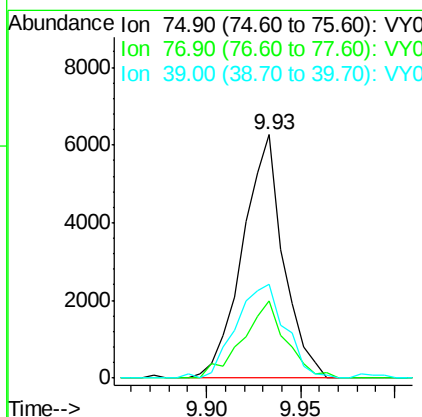
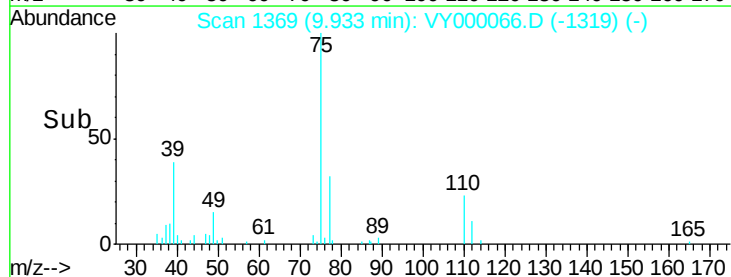
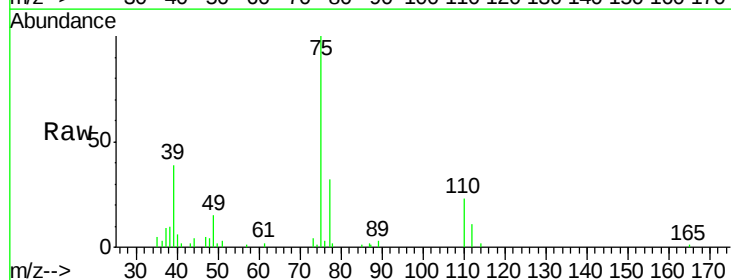
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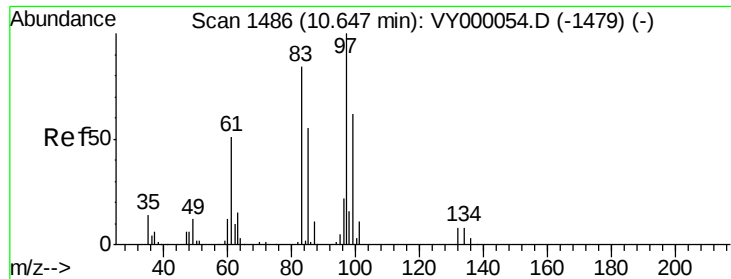
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 4.441 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 75 Resp: 9398
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 38.5 33.1 49.7





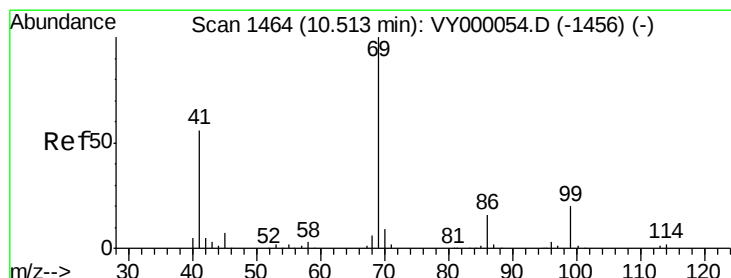
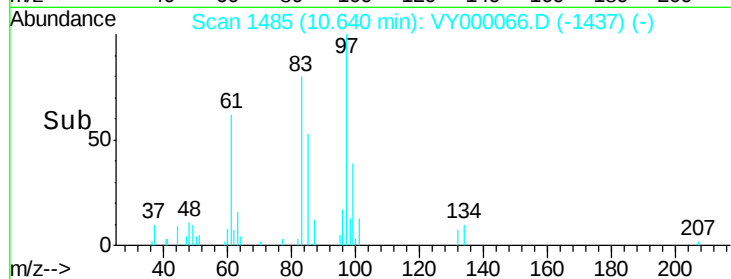
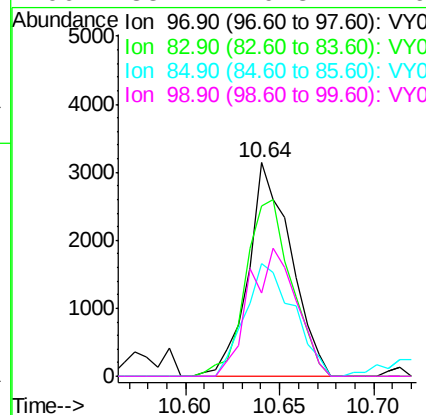
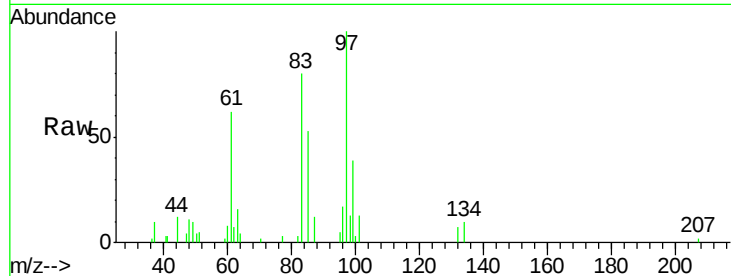
#55
 1,1,2-Trichloroethane
 Concen: 4.421 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	4936		
83	83	79.5		67.3	100.9
85	85	52.9		43.6	65.4
99	99	38.7		49.8	74.6

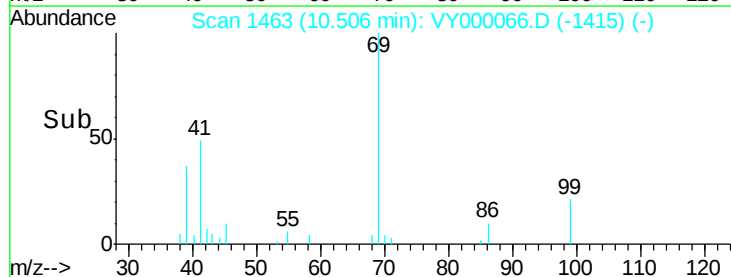
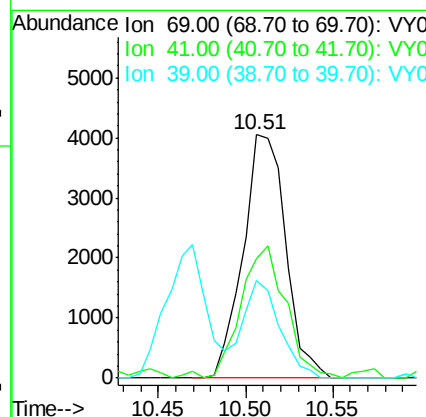
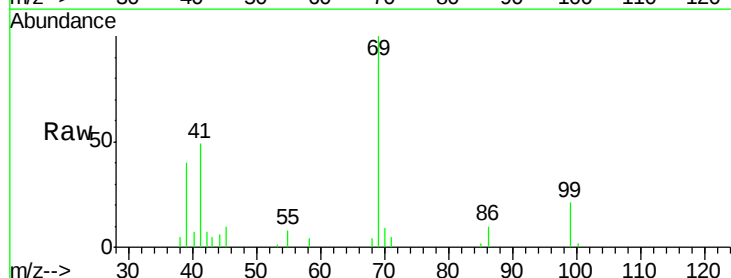
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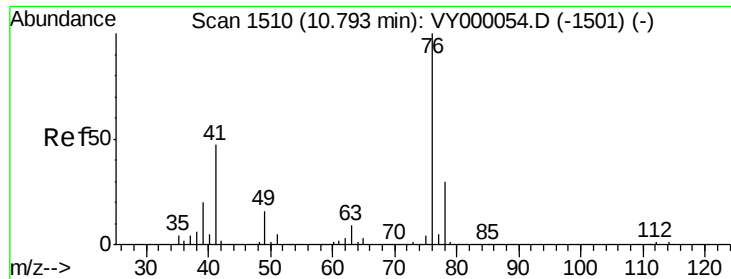
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#56
 Ethyl methacrylate
 Concen: 4.328 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	69	100	6876		
41	41	57.3		45.6	68.4
39	39	34.8		27.3	40.9





#57

1,3-Dichloropropane

Concen: 4.473 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

MDL2

Tot Ion: 76 Resp: 8390

Ion Ratio Lower Upper

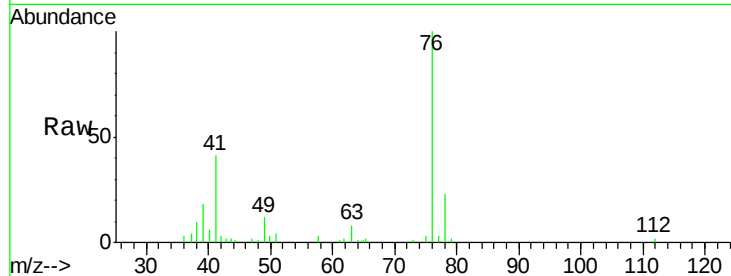
76 100

78 34.1 26.6 40.0

Manual Integrations
APPROVED

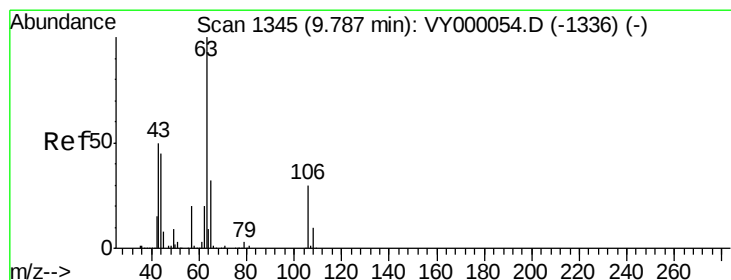
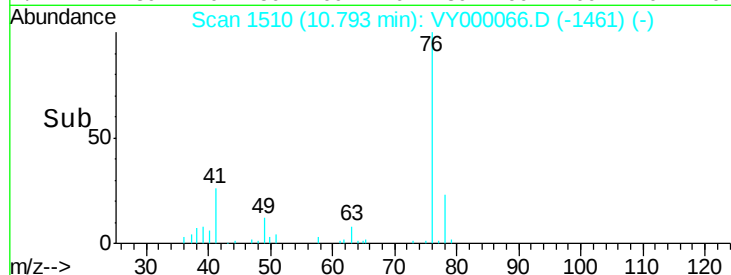
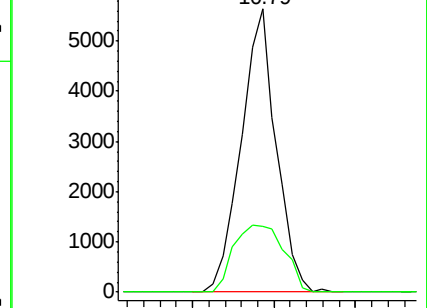
MMDadoda

9/20/2019 12:39:33 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 21.856 ug/l

RT: 9.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000066.D

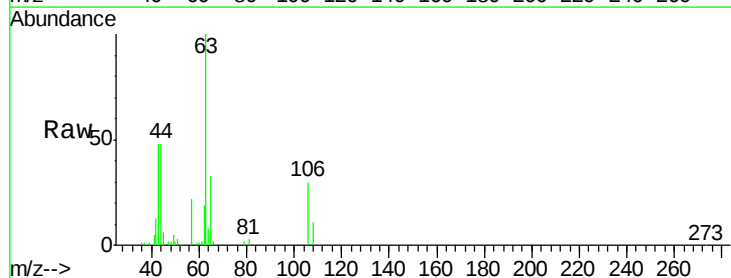
Acq: 18 Sep 2019 17:26

Tgt Ion: 63 Resp: 18771

Ion Ratio Lower Upper

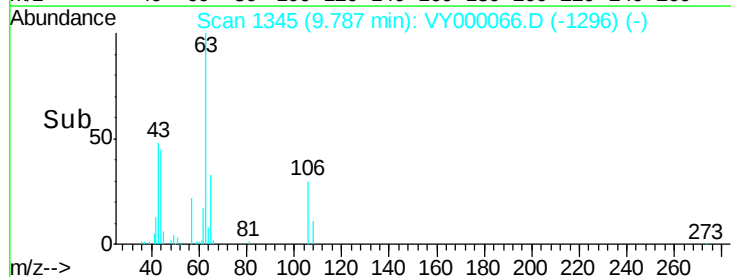
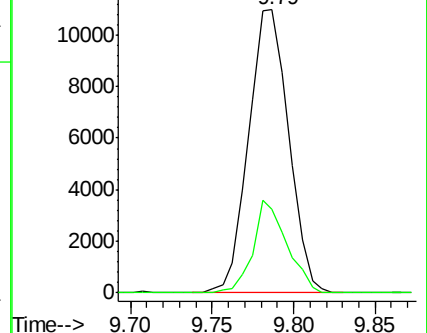
63 100

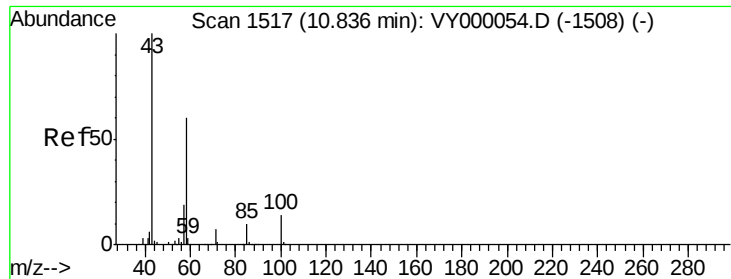
106 27.4 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





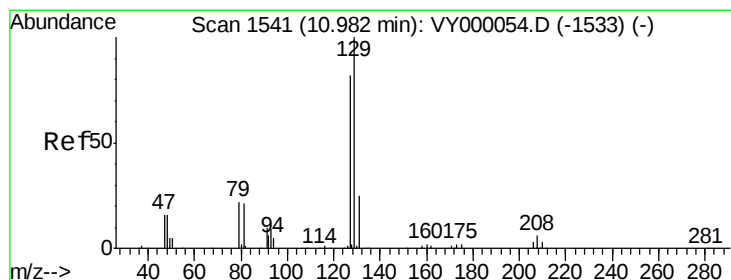
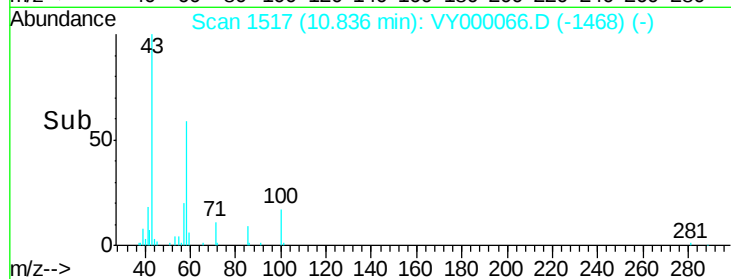
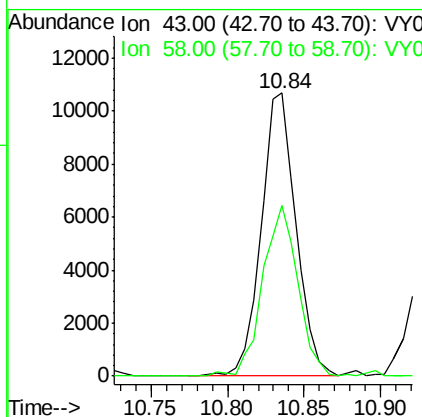
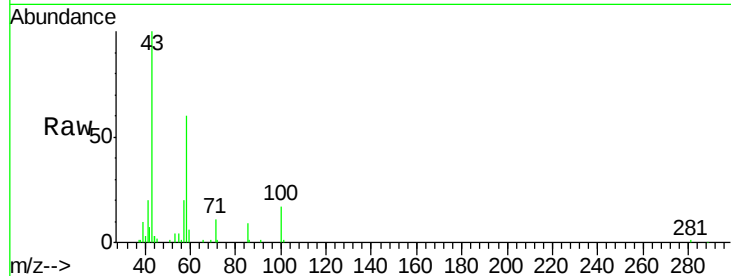
#59
2-Hexanone
Concen: 21.844 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion: 43 Resp: 16903
Ion Ratio Lower Upper
43 100
58 61.0 29.9 89.7

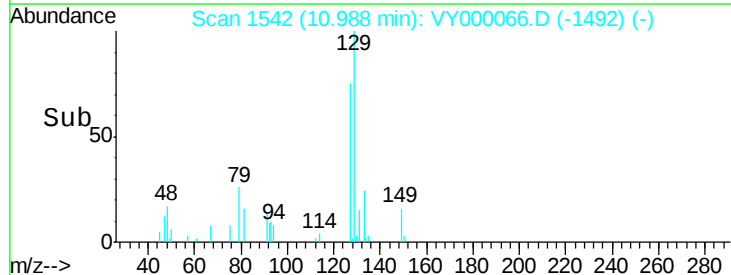
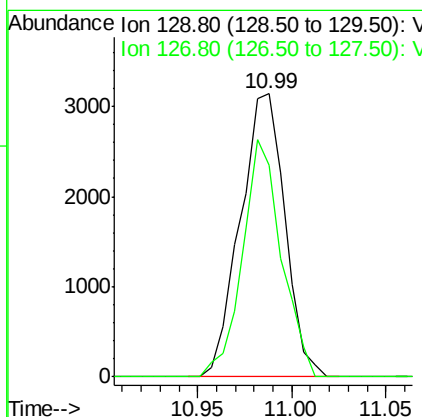
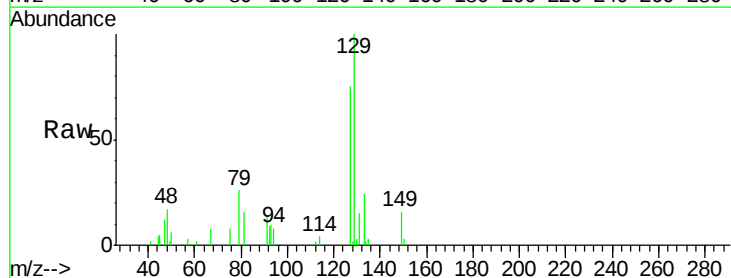
Manual Integrations
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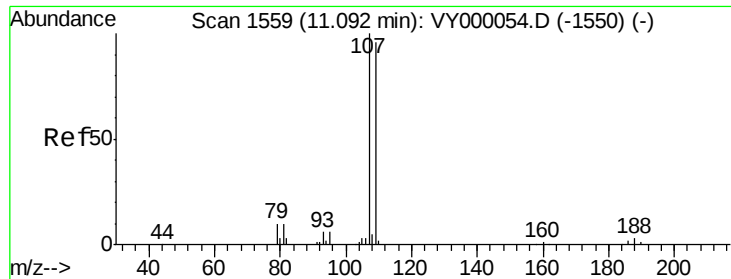
MMDadoda
9/20/2019 12:39:33 AM



#60
Dibromochloromethane
Concen: 4.409 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 129 Resp: 5157
Ion Ratio Lower Upper
129 100
127 73.1 40.2 120.6





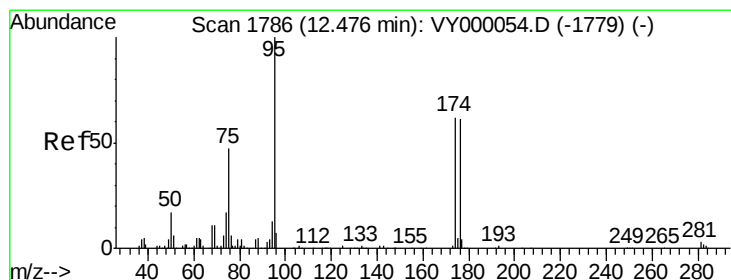
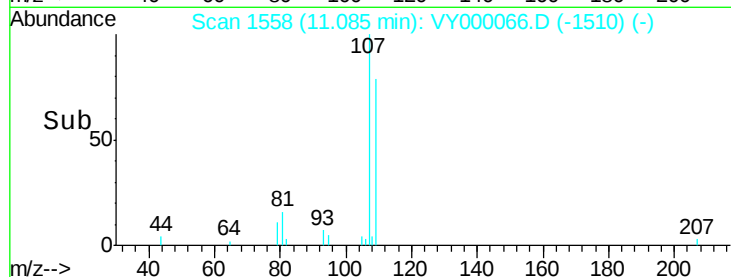
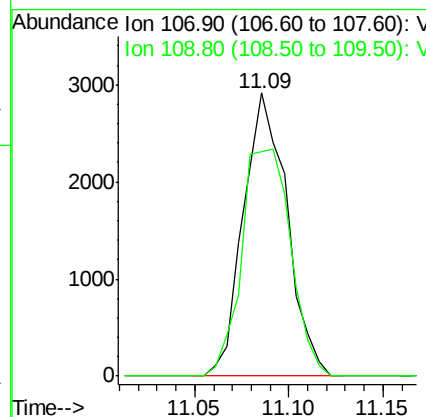
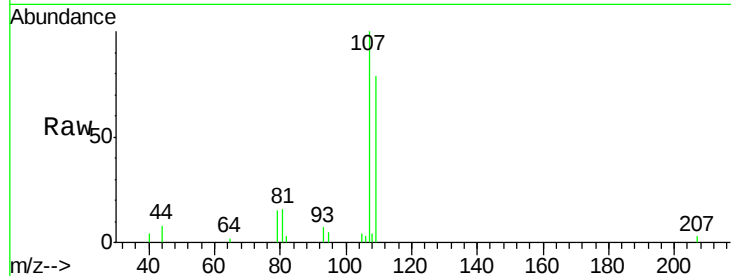
#61
 1,2-Dibromoethane
 Concen: 4.575 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL2

Tot Ion: 107 Resp: 4666
 Ion Ratio Lower Upper
 107 100
 109 90.7 75.0 112.6

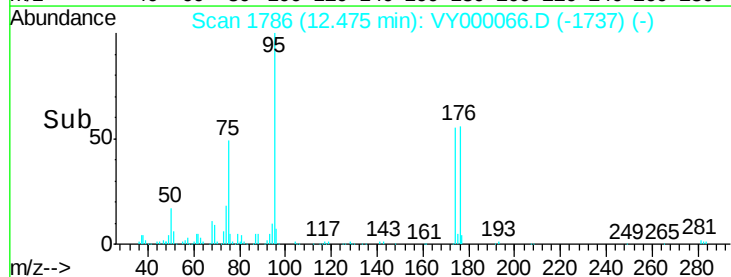
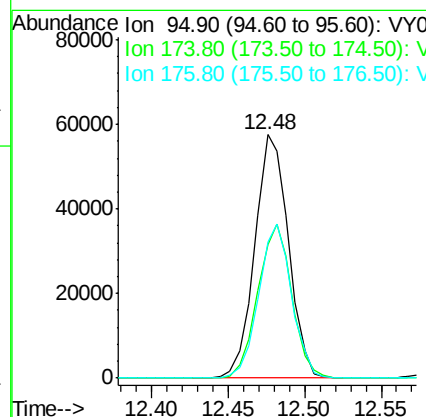
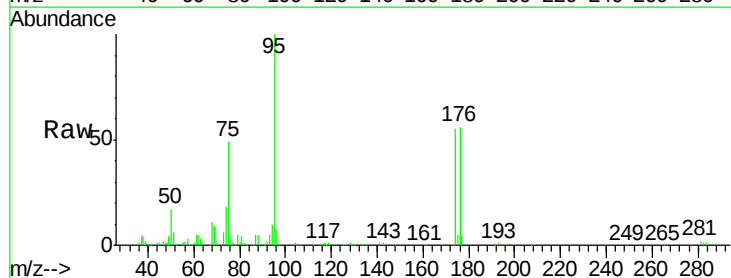
Manual Integrations
 APPROVED

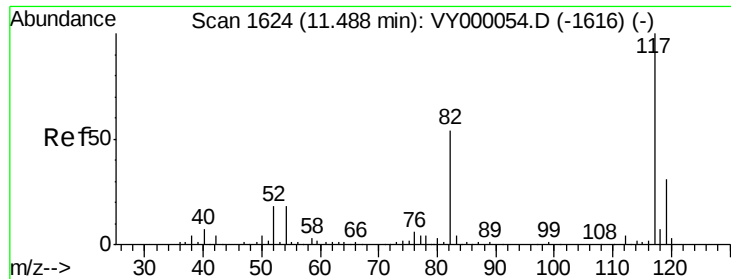
MMDadoda
 9/20/2019 12:39:33 AM



#62
 4-Bromofluorobenzene
 Concen: 48.841 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion: 95 Resp: 87887
 Ion Ratio Lower Upper
 95 100
 174 63.9 0.0 137.2
 176 62.1 0.0 135.0





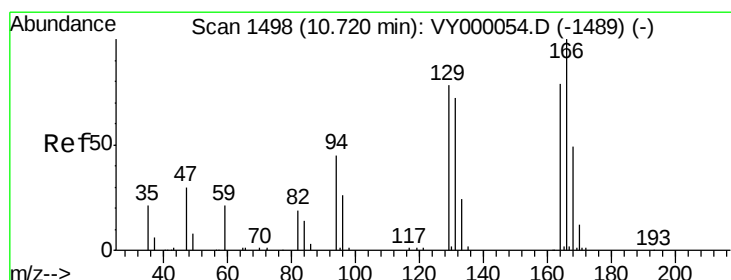
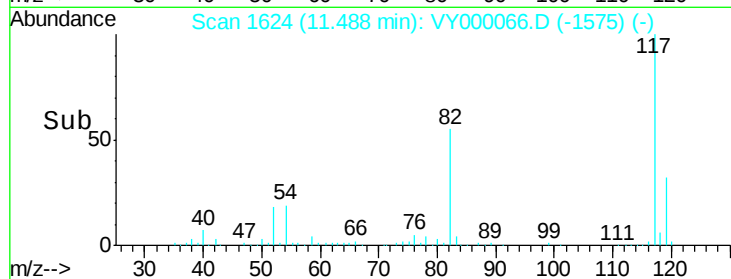
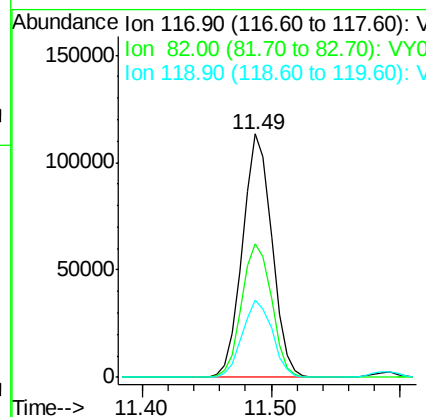
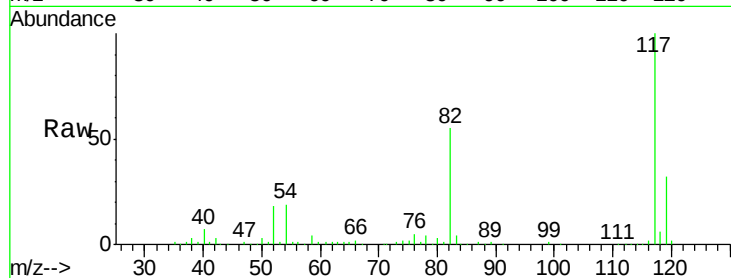
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.5	65.3
119	31.9	24.6	36.8

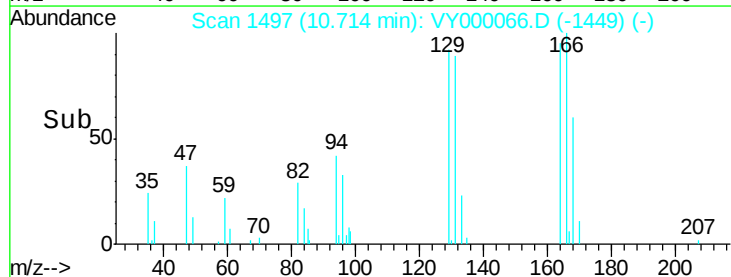
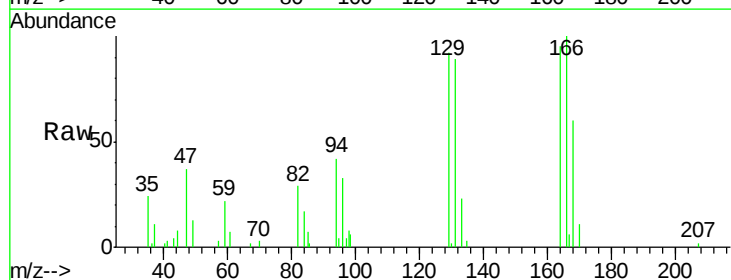
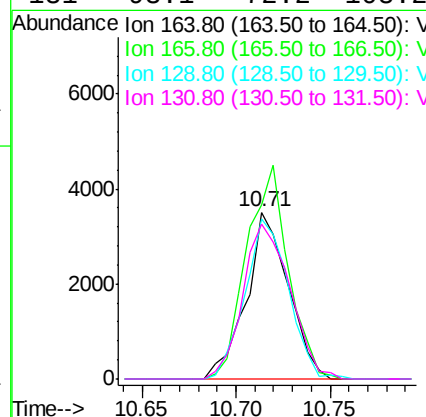
Manual Integrations
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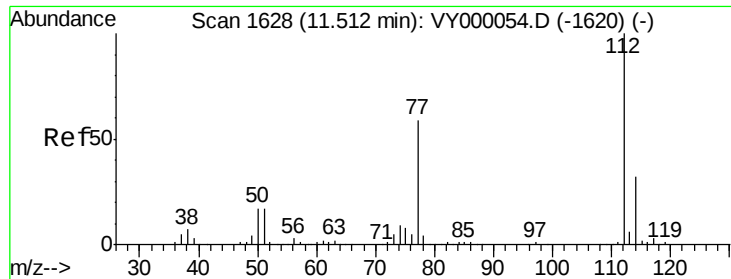
MMDadoda
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#64
Tetrachloroethene
Concen: 4.832 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	104.9	100.9	151.3
129	96.0	78.4	117.6
131	93.1	72.2	108.2





#65

Chlorobenzene

Concen: 4.192 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion:112 Resp: 14835

Ion Ratio Lower Upper

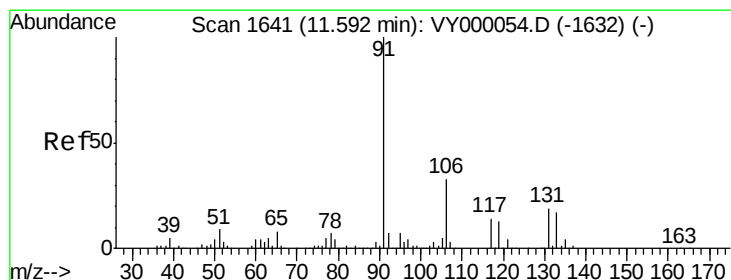
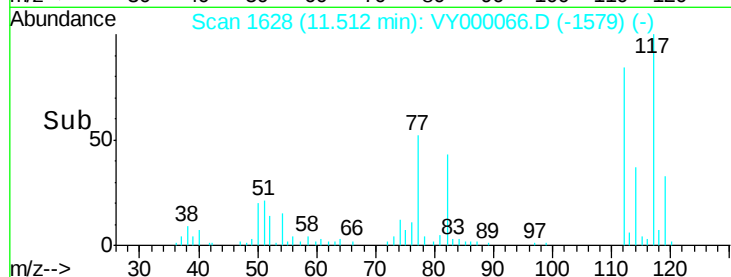
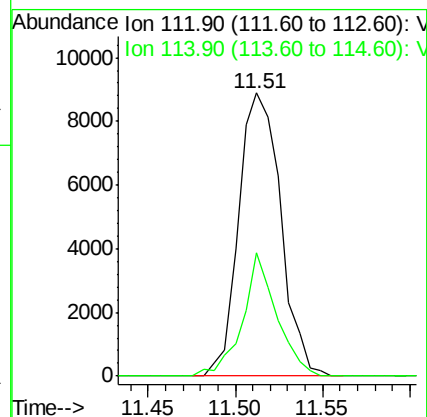
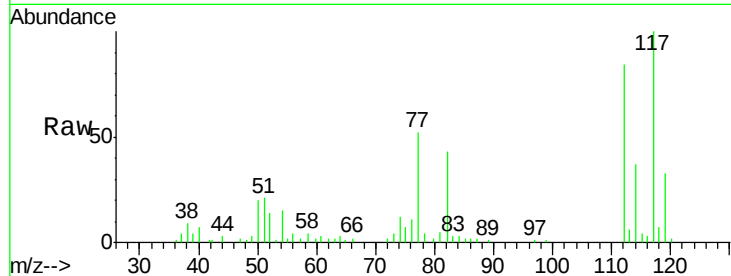
112 100

114 43.8 25.6 38.4#

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 4.168 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

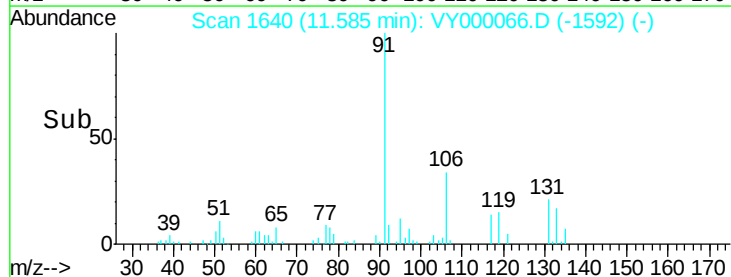
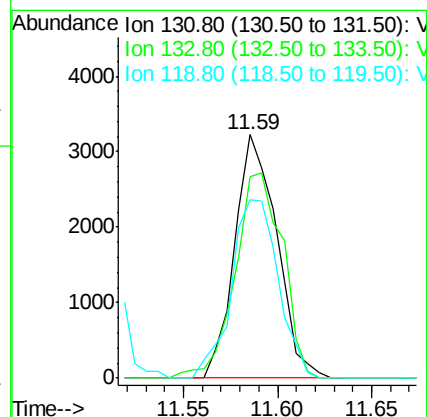
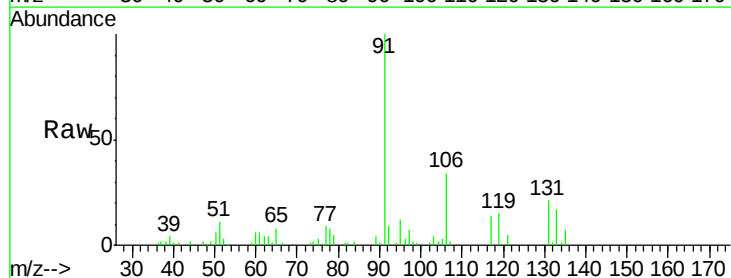
Tgt Ion:131 Resp: 4987

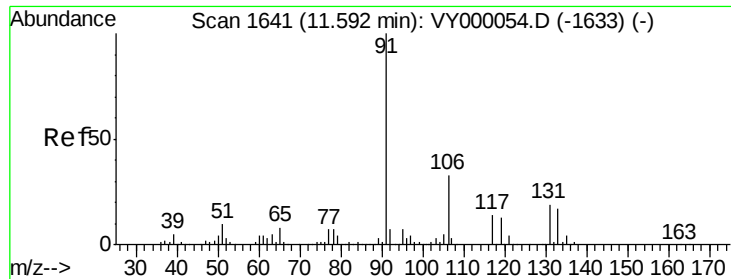
Ion Ratio Lower Upper

131 100

133 95.3 46.6 139.8

119 81.7 36.2 108.6





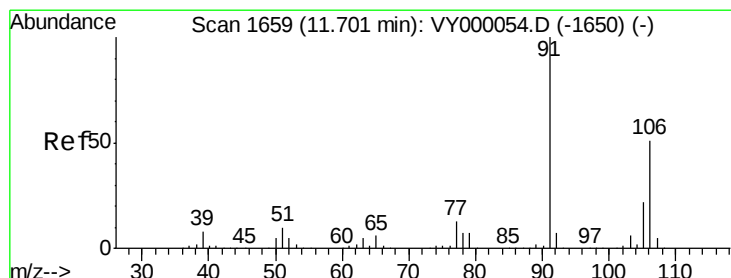
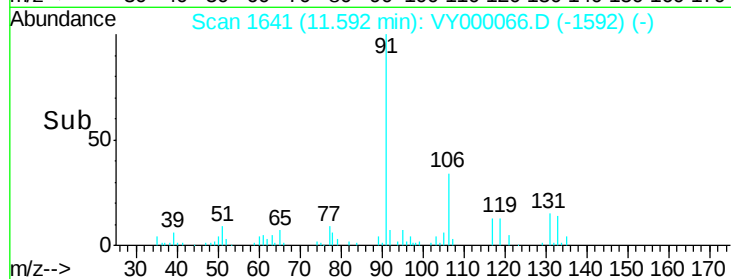
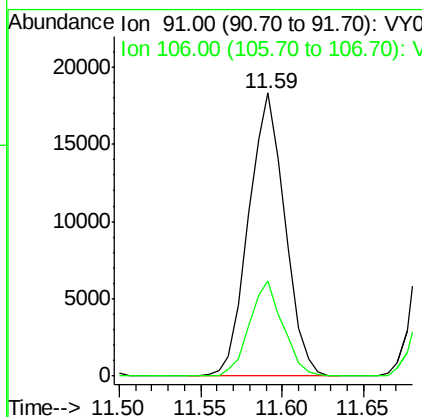
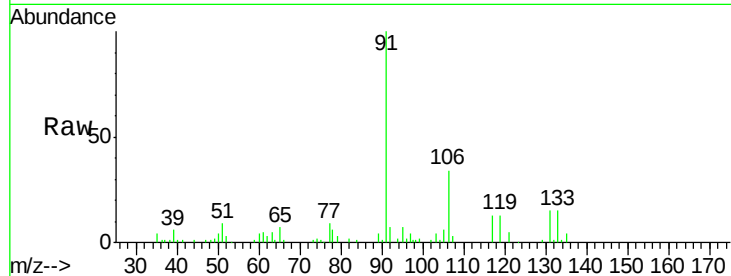
#67
Ethyl Benzene
Concen: 4.477 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion: 91 Resp: 28271
Ion Ratio Lower Upper
91 100
106 33.9 26.6 40.0

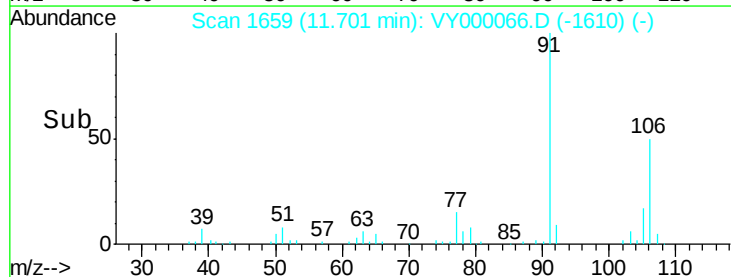
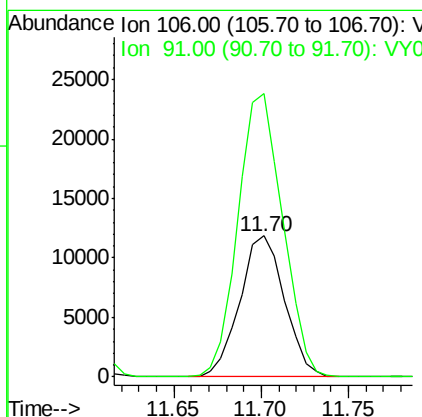
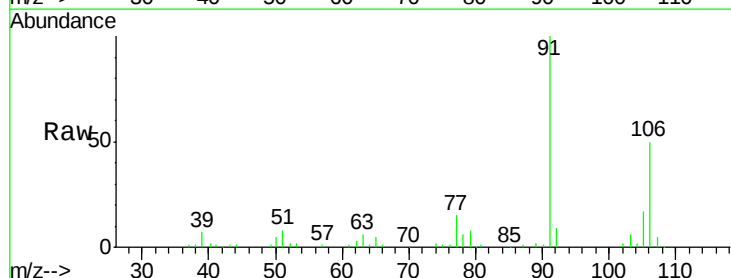
Manual Integrations
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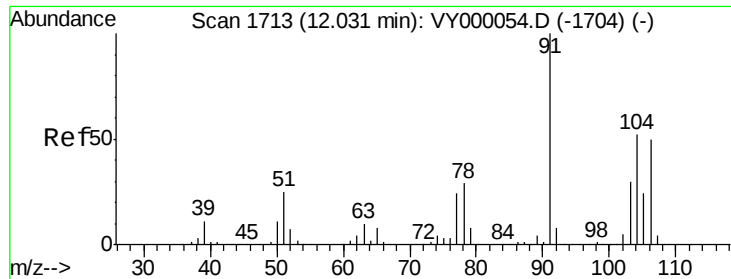
MMDadoda
9/20/2019 12:39:33 AM



#68
m/p-Xylenes
Concen: 8.760 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion: 106 Resp: 21050
Ion Ratio Lower Upper
106 100
91 201.0 154.5 231.7





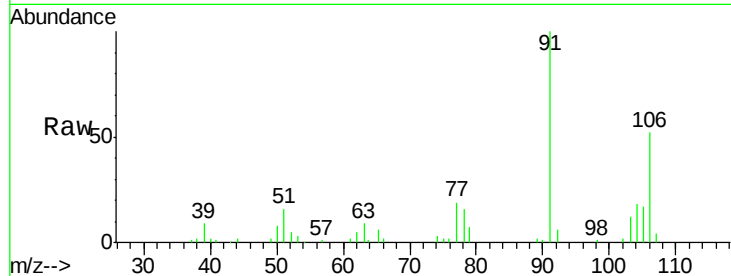
#69
o-Xylene
Concen: 4.662 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

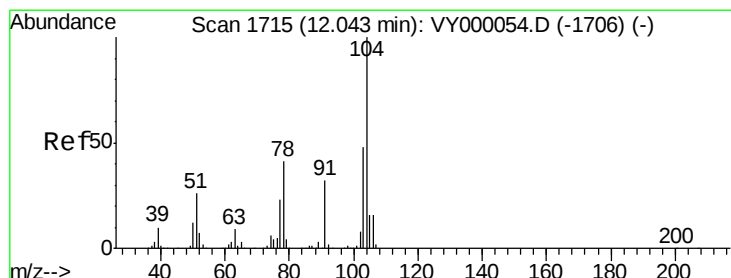
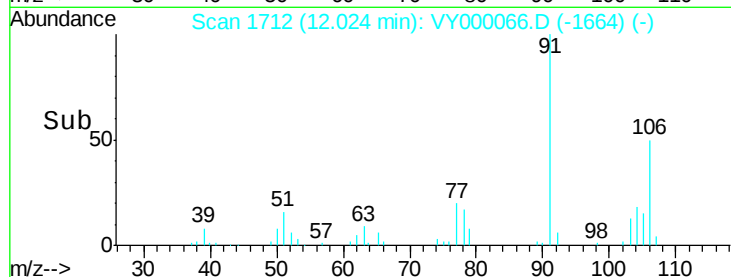
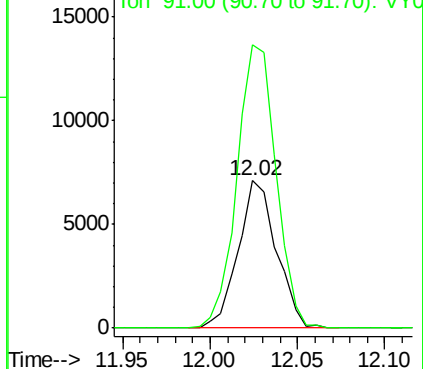
Tot Ion:106 Resp: 10847
Ion Ratio Lower Upper
106 100
91 195.7 103.5 310.3

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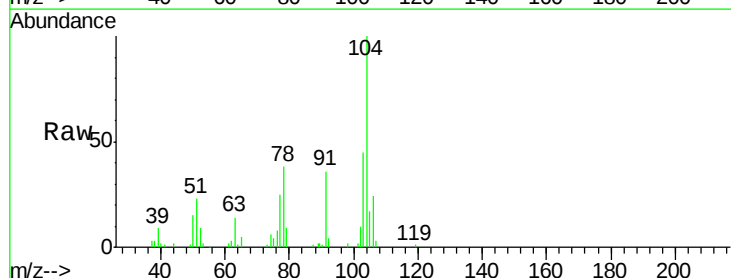


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

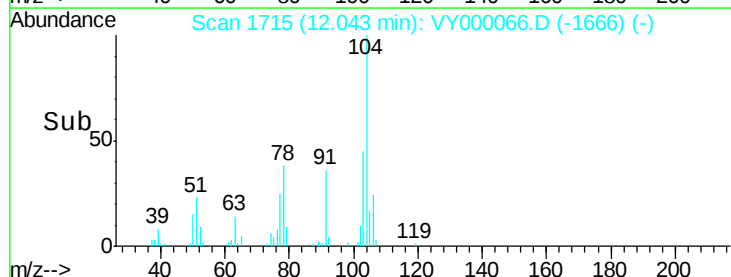
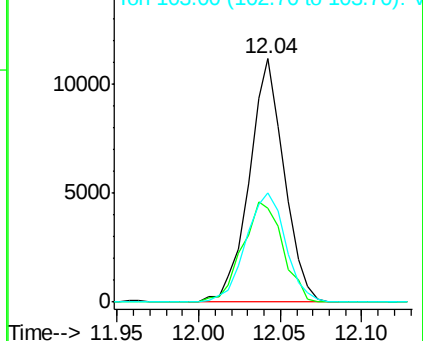


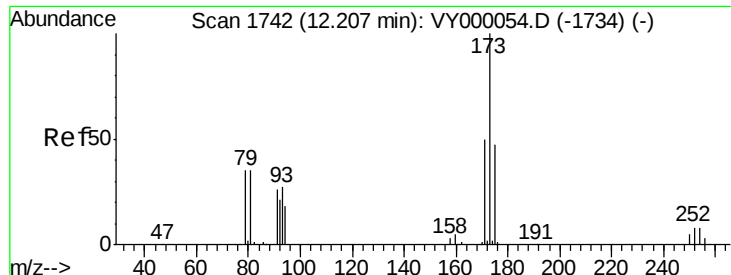
#70
Styrene
Concen: 4.090 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion:104 Resp: 16707
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 51.0 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.824 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

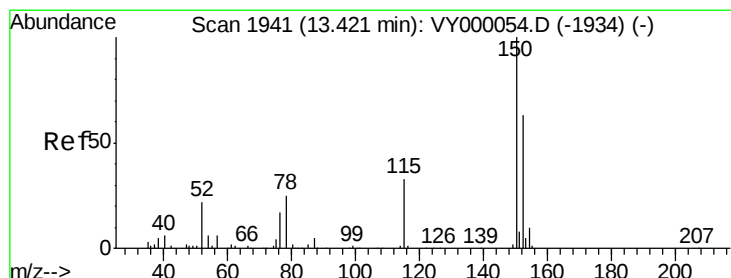
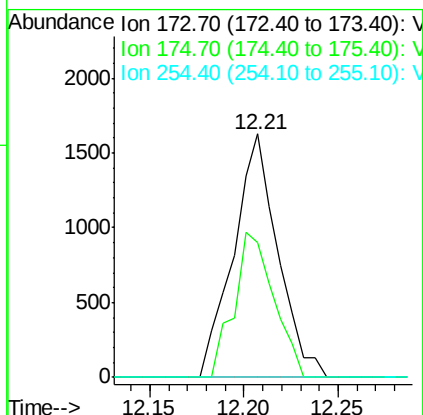
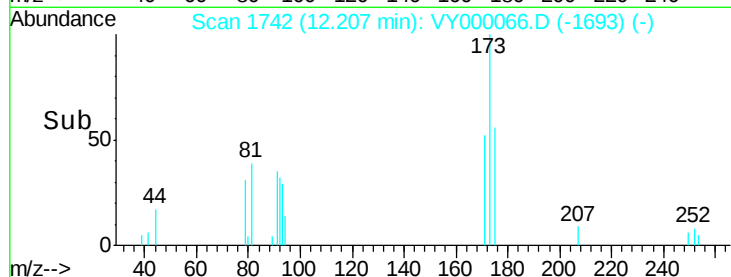
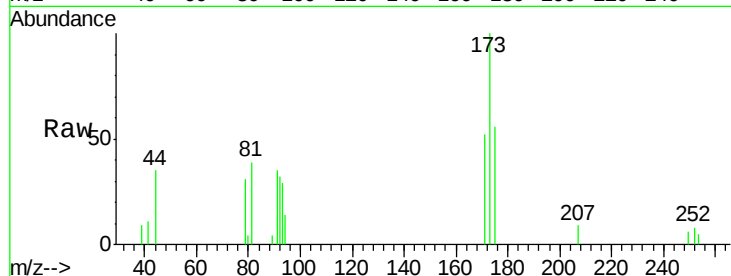
ClientSampled :

MDL2

Tot Ion:	173	Resp:	2649
Ion	Ratio	Lower	Upper
173	100		
175	53.5	23.6	71.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

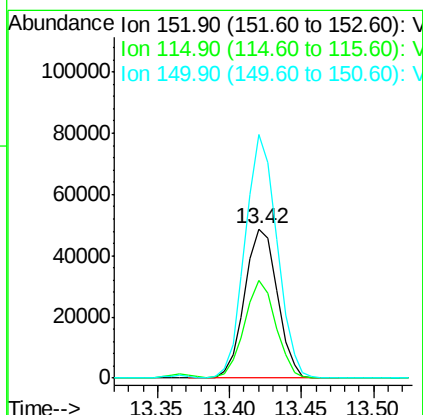
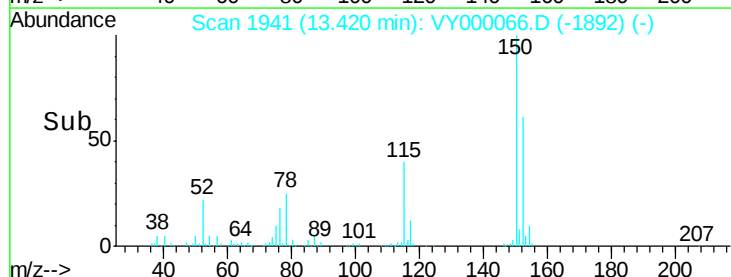
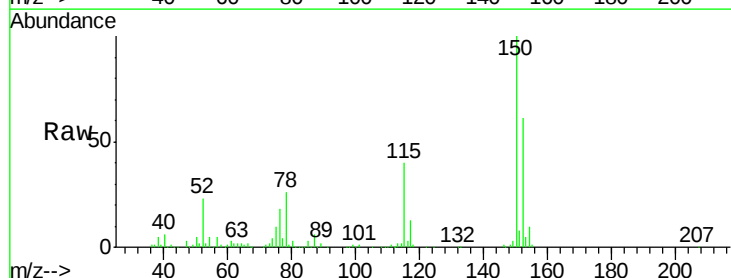
RT: 13.42 min Scan# 1941

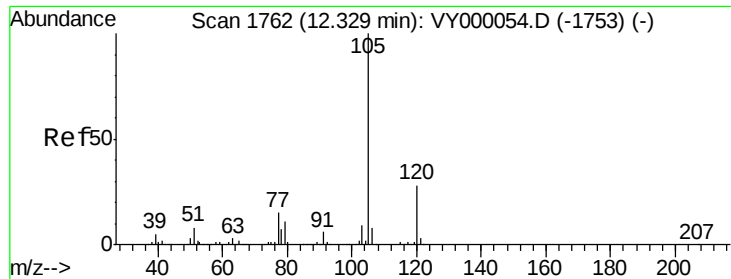
Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion:	152	Resp:	76305
Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.7	92.1
150	159.9	0.0	351.6





#73

Isopropylbenzene

Concen: 4.376 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

MDL2

Tot Ion:105 Resp: 26910

Ion Ratio Lower Upper

105 100

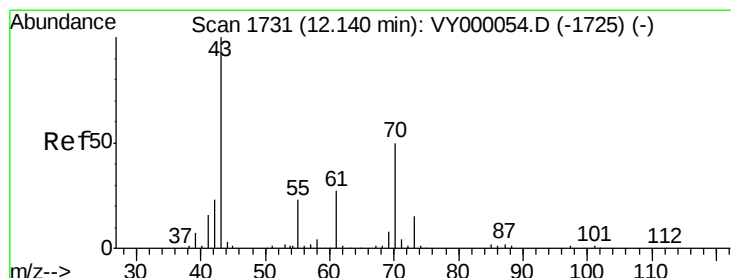
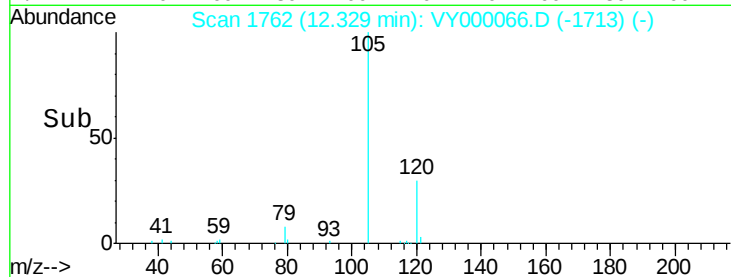
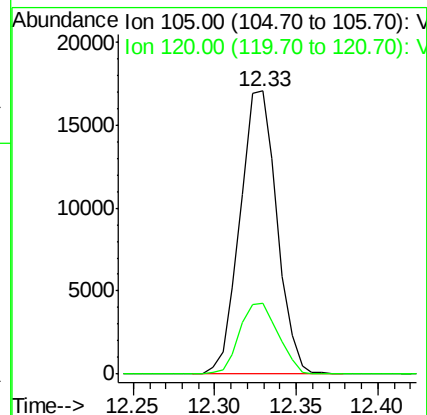
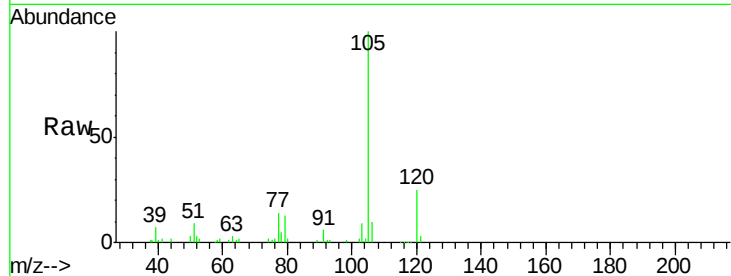
120 26.2 13.9 41.7

Manual Integrations

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9/20/2019 12:39:33 AM



#74

N-ethyl acetate

Concen: 4.330 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion: 43 Resp: 7585

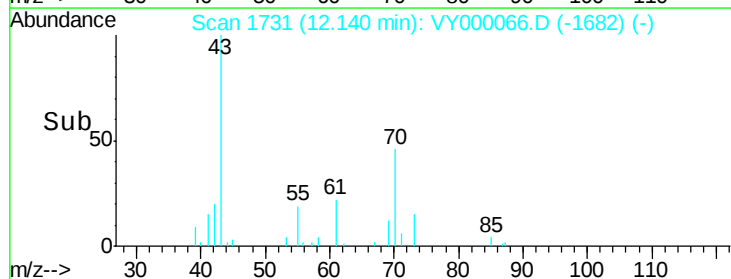
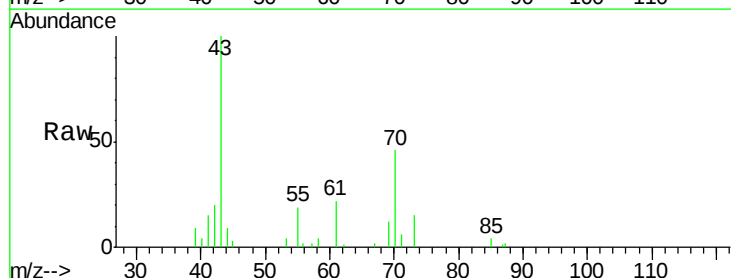
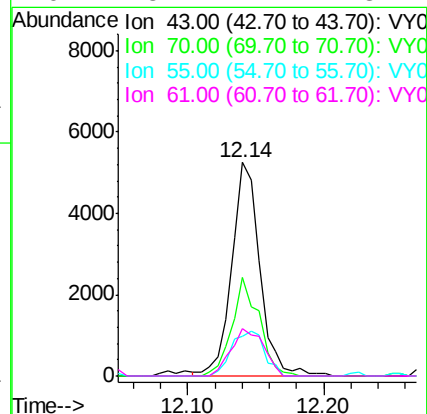
Ion Ratio Lower Upper

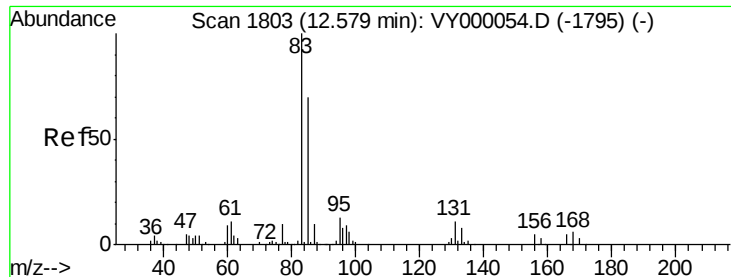
43 100

70 44.0 38.8 58.2

55 24.5 18.8 28.2

61 25.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.548 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

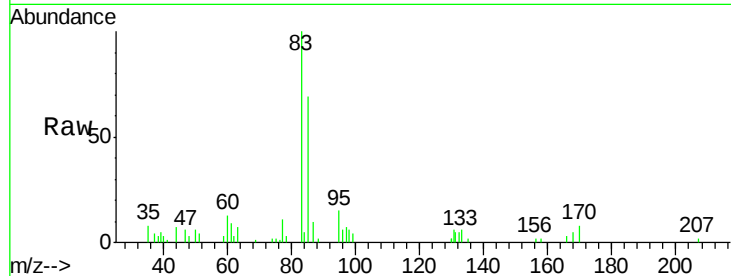
ClientSampled :

MDL2

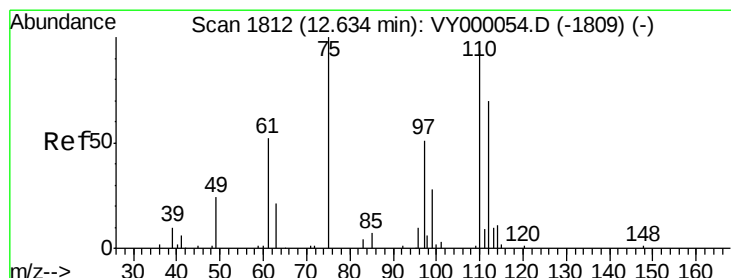
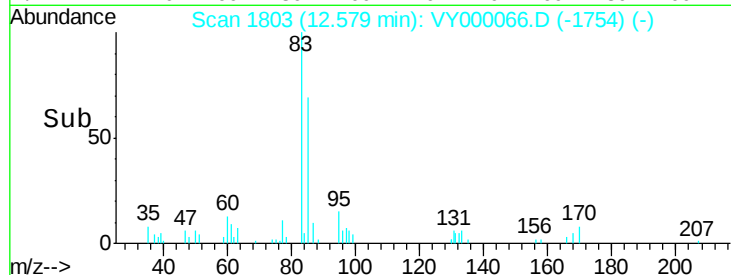
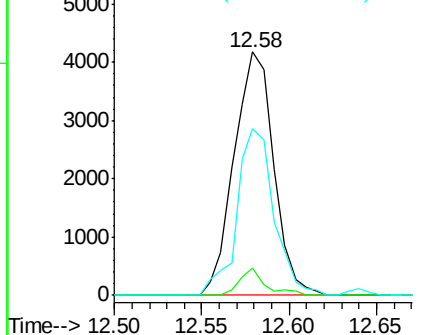
Tot Ion:	83	Resp:	6583
Ion Ratio	Lower	Upper	
83	100		
131	7.4	4.9	14.7
85	64.5	32.5	97.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 3.852 ug/l m

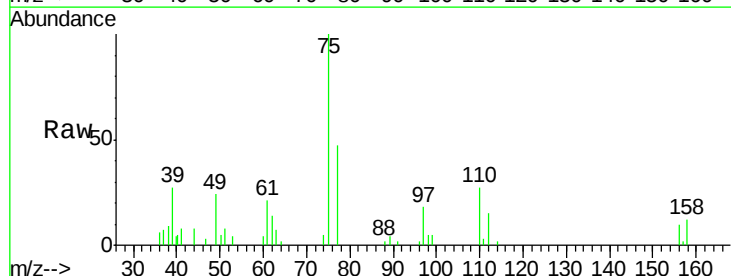
RT: 12.63 min Scan# 1811

Delta R.T. -0.01 min

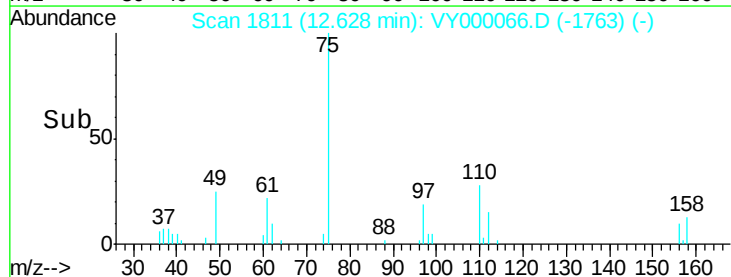
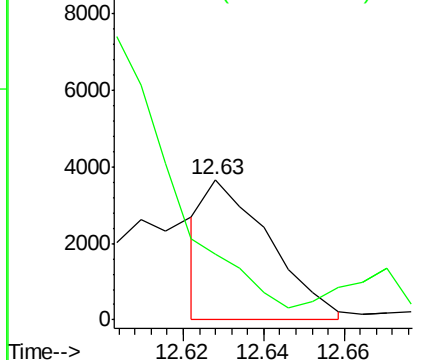
Lab File: VY000066.D

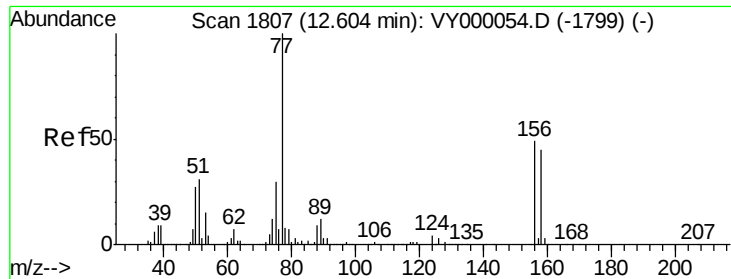
Acq: 18 Sep 2019 17:26

Tgt Ion:	75	Resp:	4135
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 4.484 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

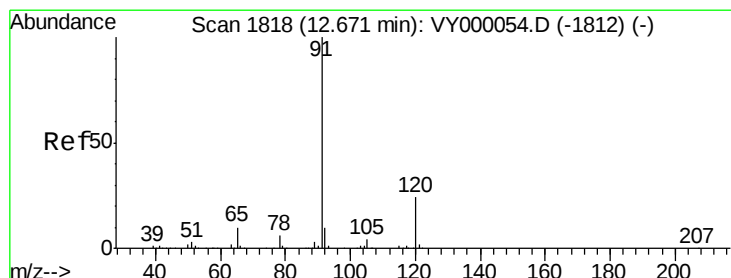
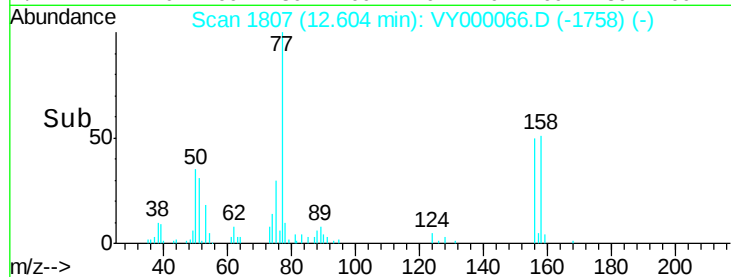
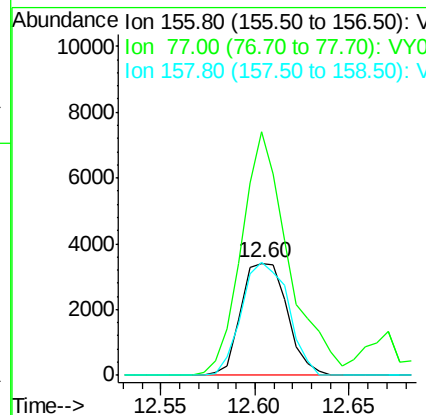
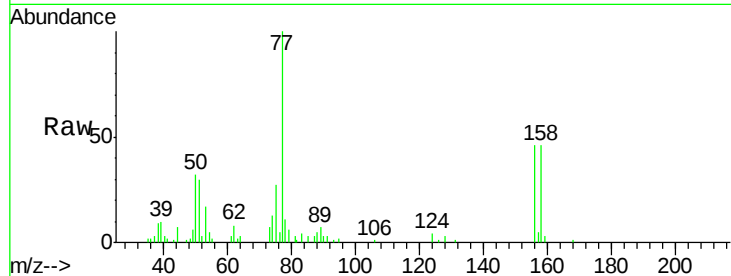
ClientSampled :

MDL2

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.8	109.7	329.0
158	102.5	48.0	144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 4.403 ug/l

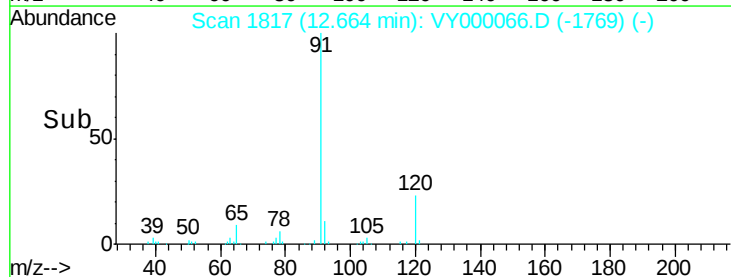
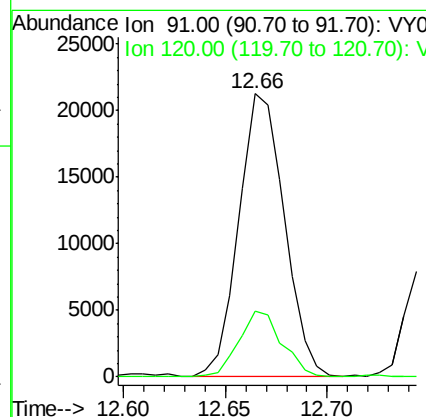
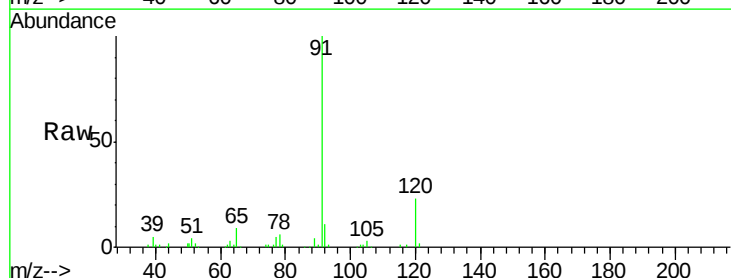
RT: 12.66 min Scan# 1817

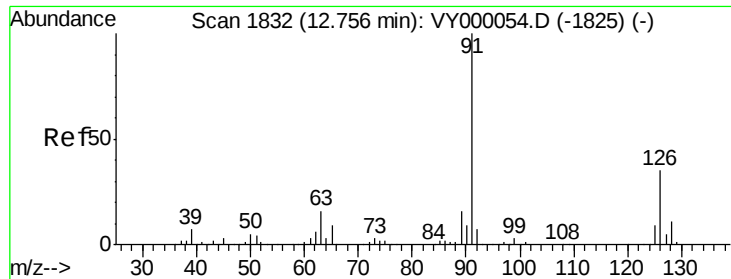
Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 4.530 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

ClientSampled :

MDL2

Tot Ion: 91 Resp: 18995

Ion Ratio Lower Upper

91 100

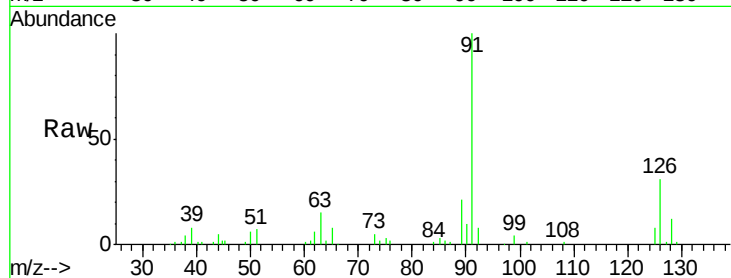
126 35.5 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000054.D (-1825) (-)

25000

20000

15000

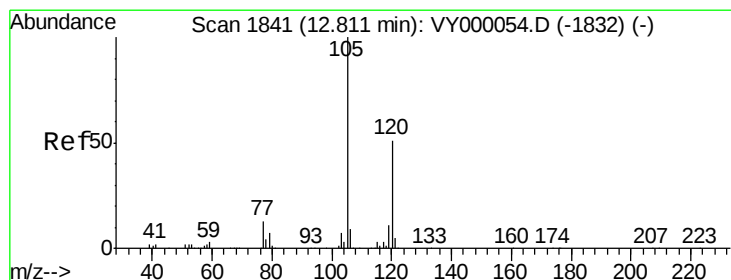
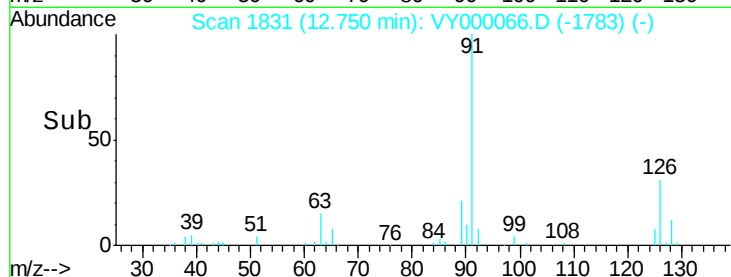
10000

5000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.436 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000066.D

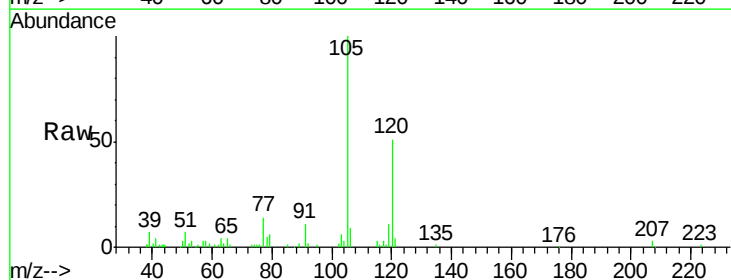
Acq: 18 Sep 2019 17:26

Tgt Ion: 105 Resp: 22598

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)

Ion 120.00 (119.70 to 120.70): VY000054.D (-1832) (-)

15000

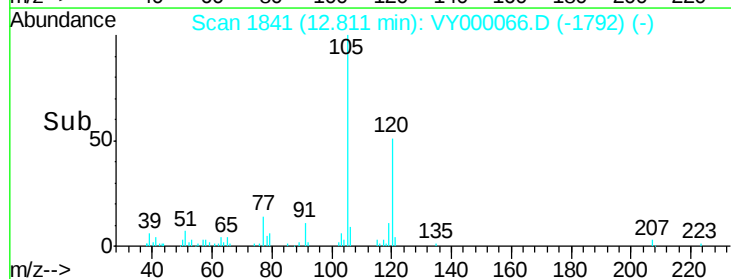
10000

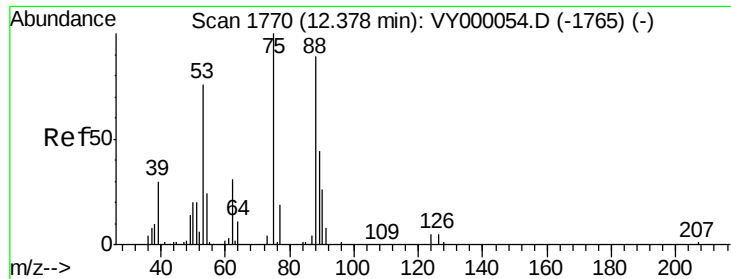
5000

0

12.75 12.80 12.85

Time-->





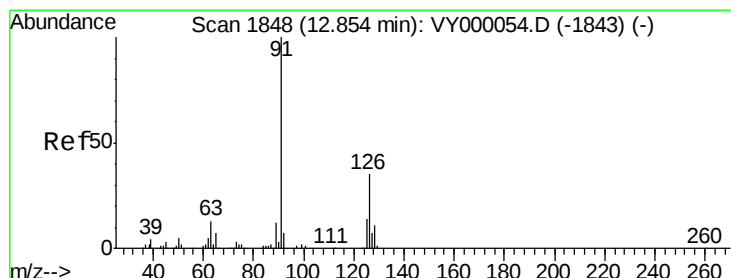
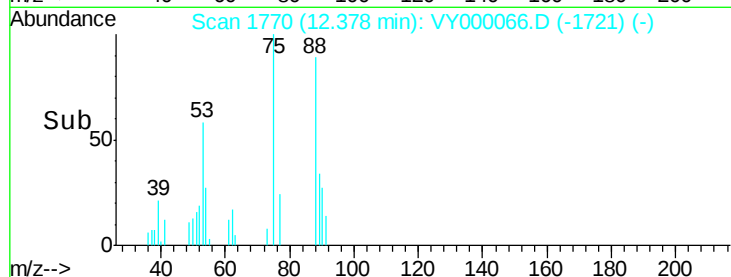
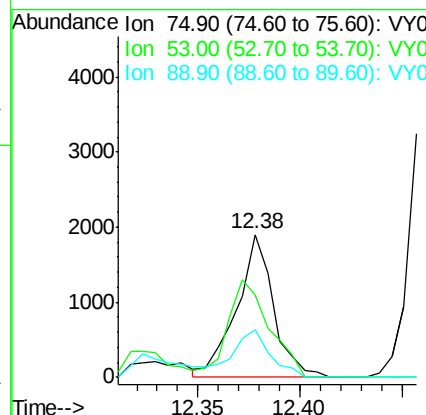
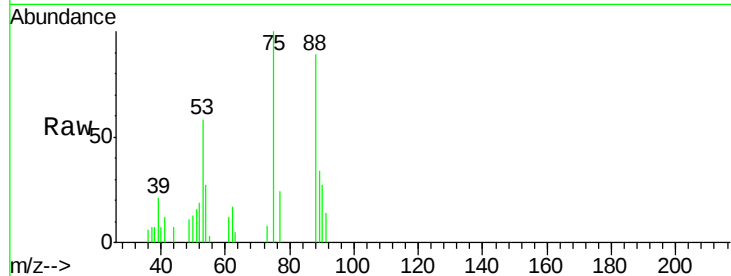
#81
trans-1,4-Dichloro-2-butene
Concen: 4.269 ug/l
RT: 12.38 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	Ratio	Lower	Upper
75	100		
53	77.0	60.9	91.3
89	33.4	35.3	52.9#

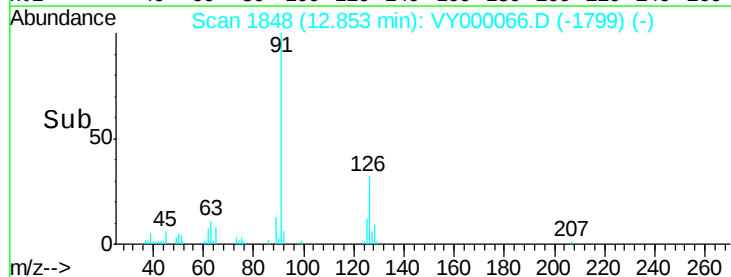
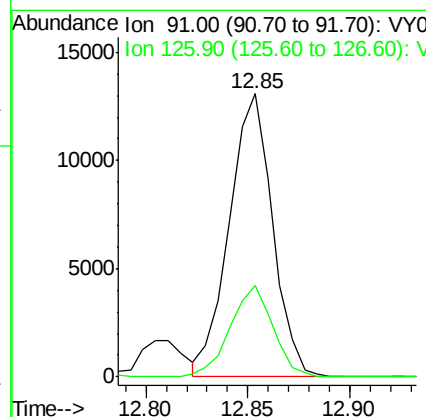
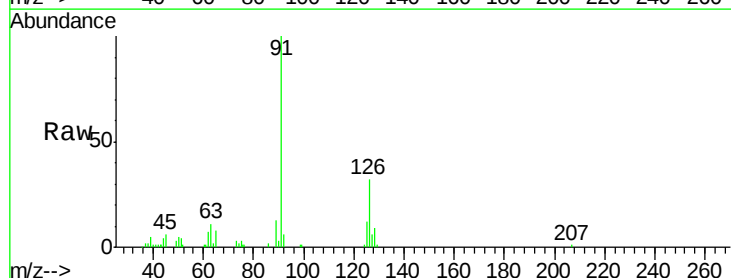
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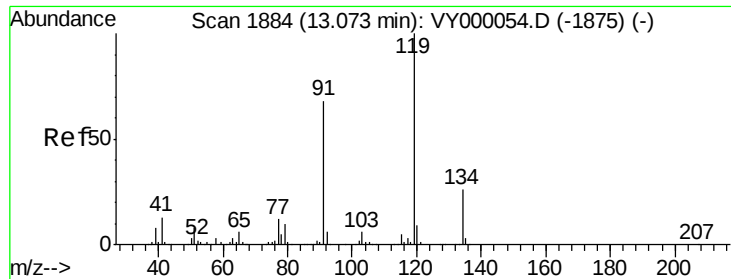
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#82
4-Chlorotoluene
Concen: 4.423 ug/l
RT: 12.85 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.7	50.1





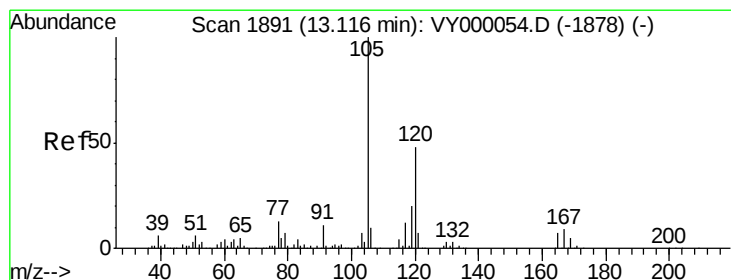
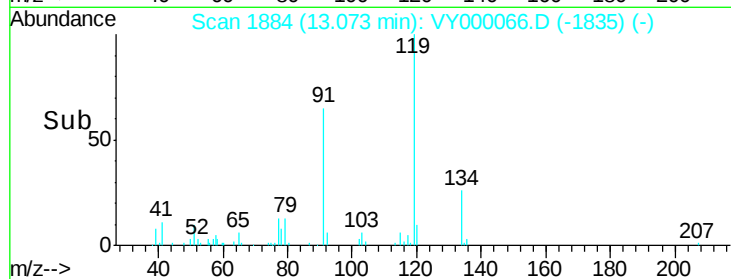
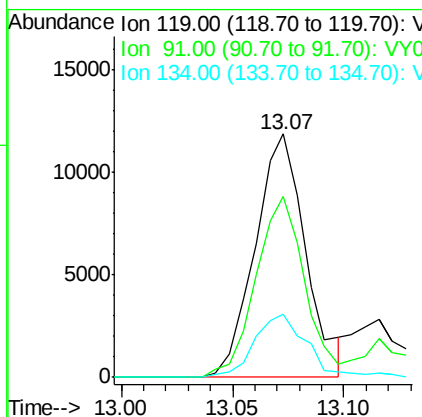
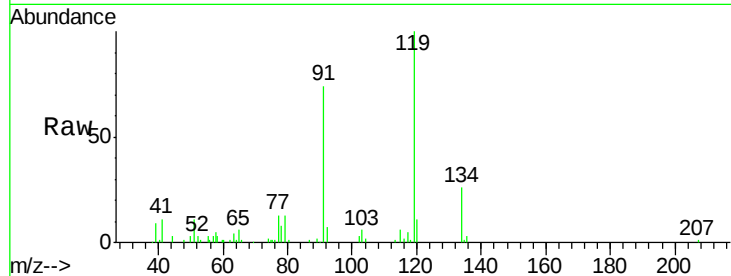
#83
tert-Butylbenzene
Concen: 4.291 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	33.4	100.1
134	27.2	12.7	38.0

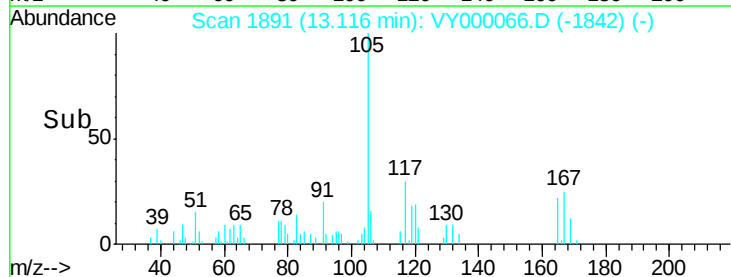
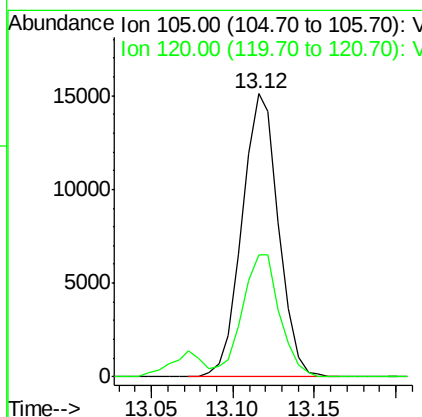
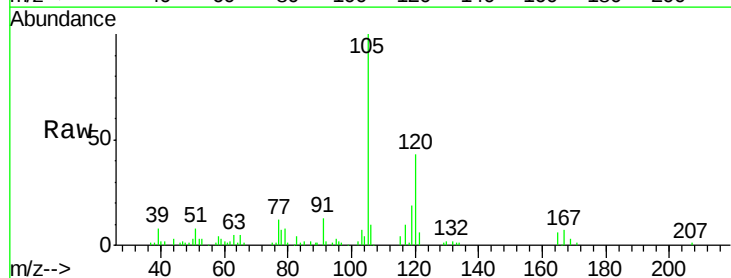
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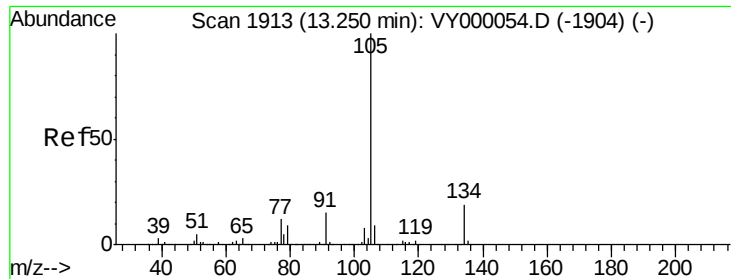
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.667 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.7





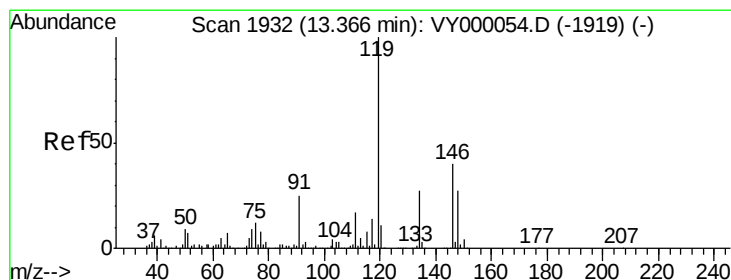
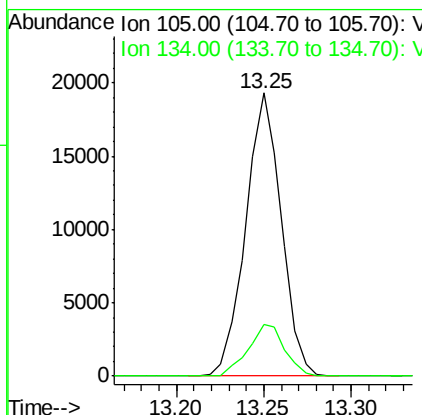
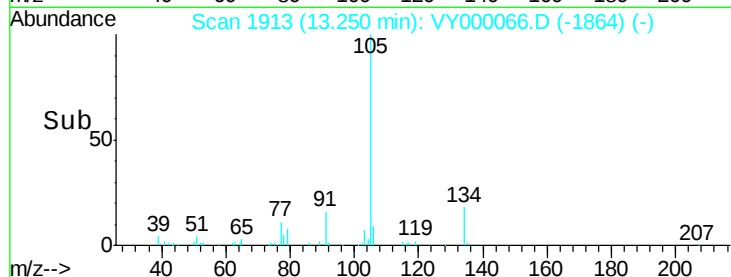
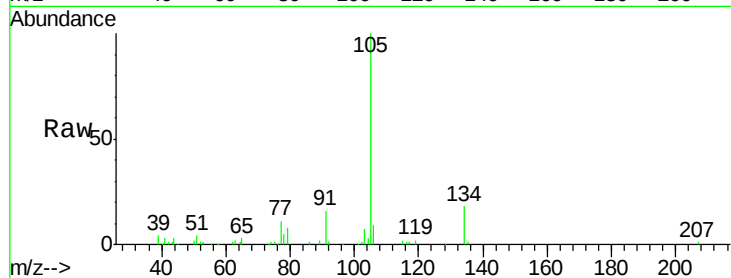
#85
 sec-Butylbenzene
 Concen: 4.258 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL2

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.4

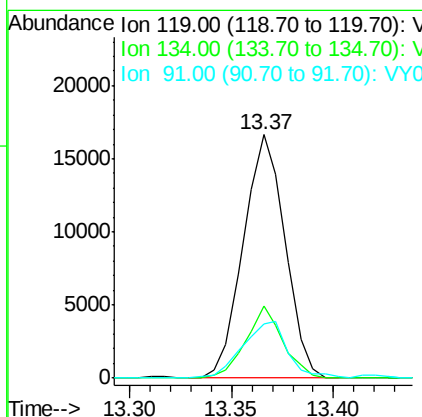
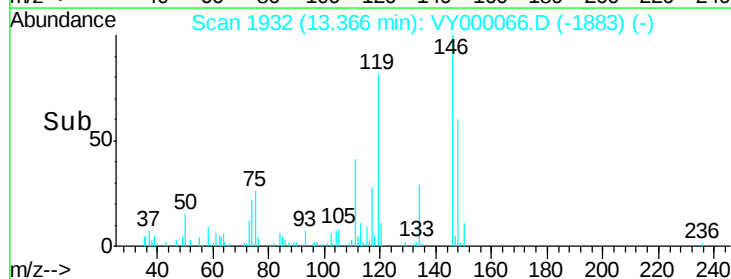
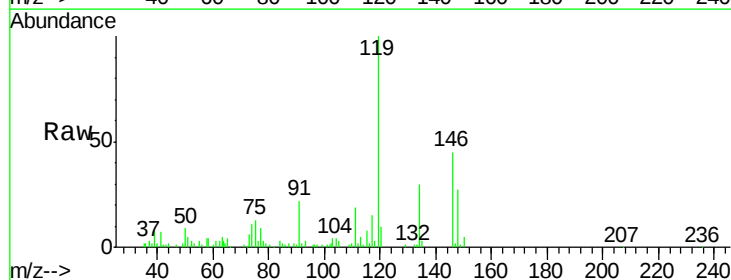
Manual Integrations
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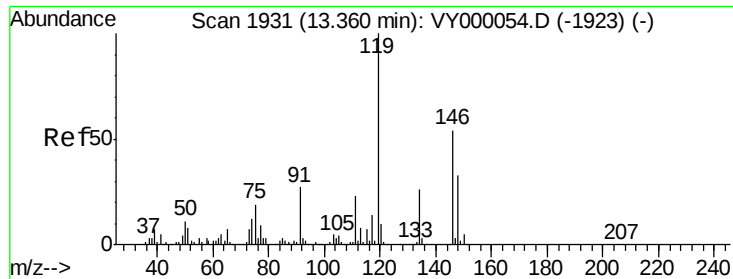
MMDadoda
 9/20/2019 12:39:33 AM



#86
 p-Isopropyltoluene
 Concen: 4.329 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.2
91	25.5	12.4	37.4





#87

1,3-Dichlorobenzene

Concen: 4.164 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.01 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Instrument :

MSVOA_Y

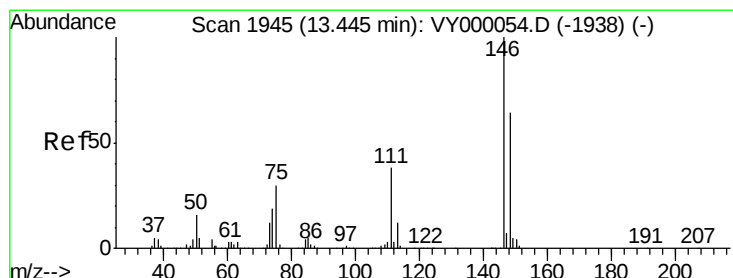
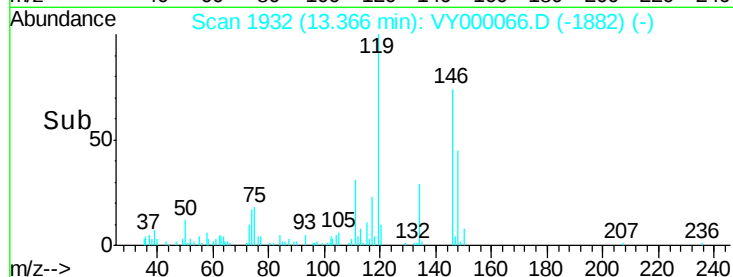
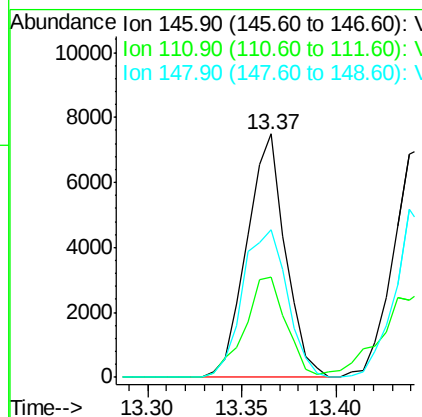
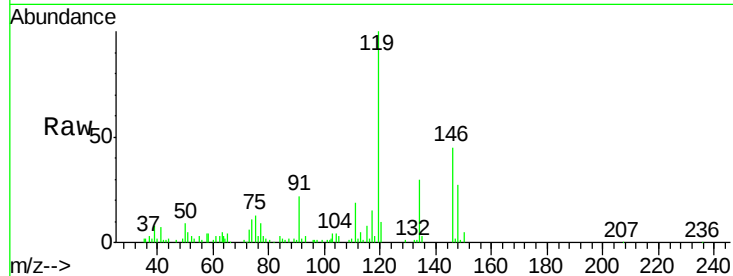
ClientSampleId :

MDL2

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.1	63.1
148	70.2	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 4.461 ug/l

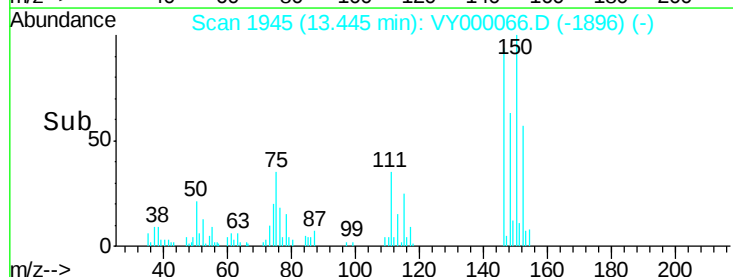
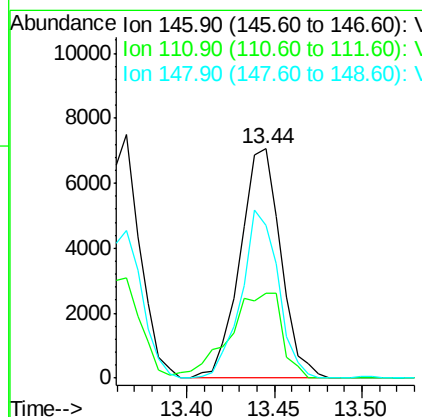
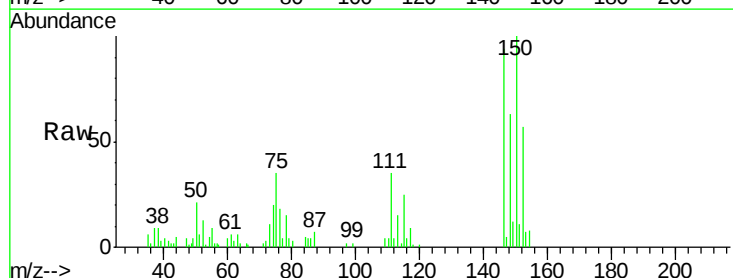
RT: 13.44 min Scan# 1945

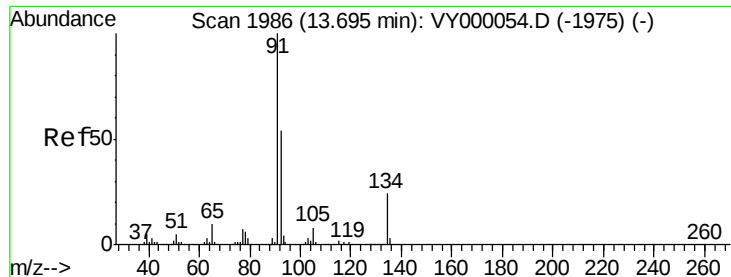
Delta R.T. -0.00 min

Lab File: VY000066.D

Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	20.8	62.4
148	66.4	31.5	94.5





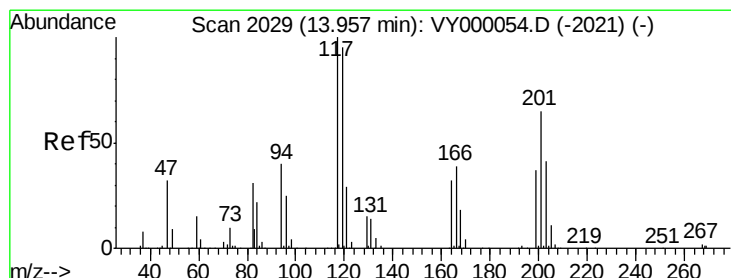
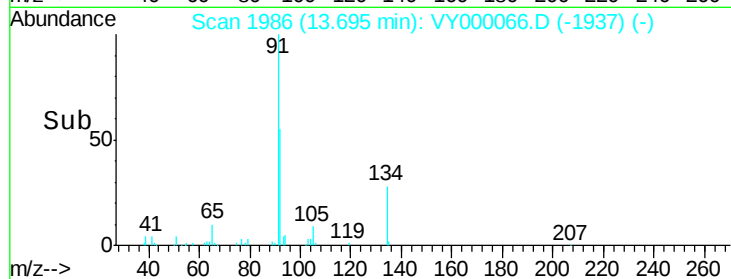
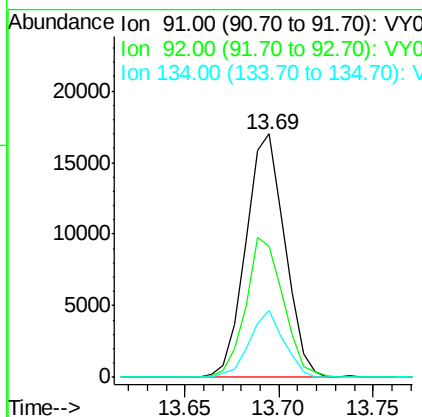
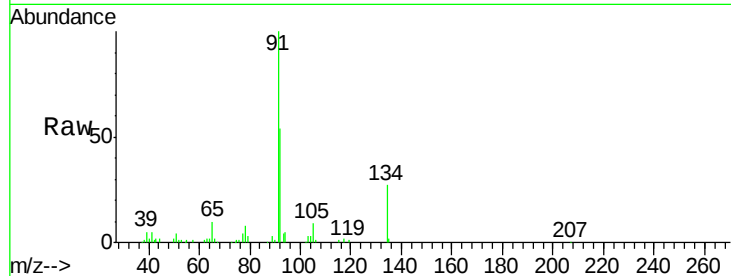
#89
n-Butylbenzene
Concen: 4.352 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampled :
MDL2

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.5
134	24.1	12.2	36.6

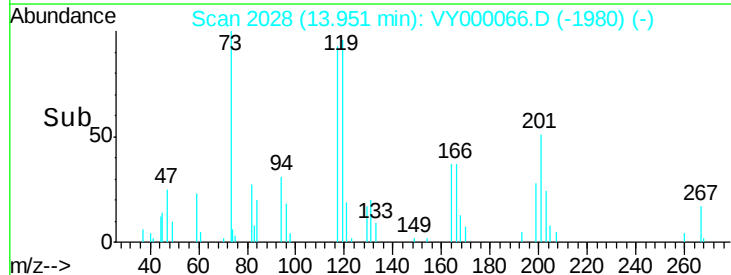
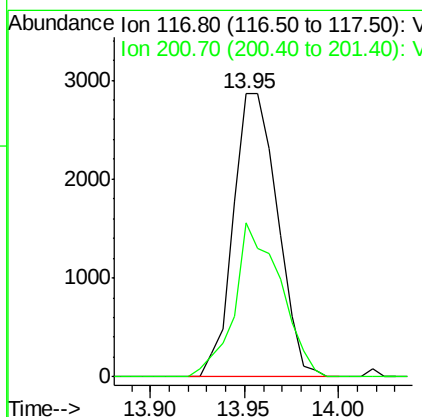
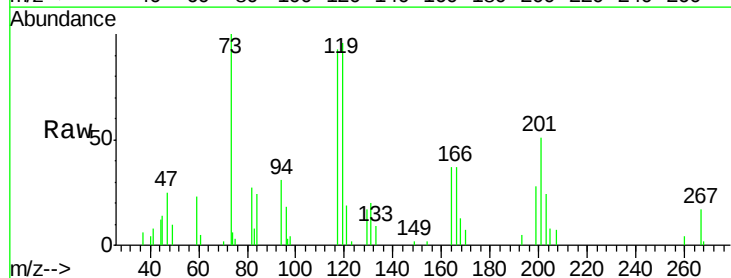
Manual Integrations
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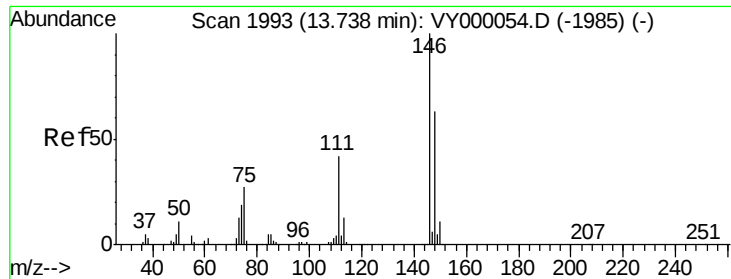
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#90
Hexachloroethane
Concen: 4.350 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	56.6	30.6	92.0





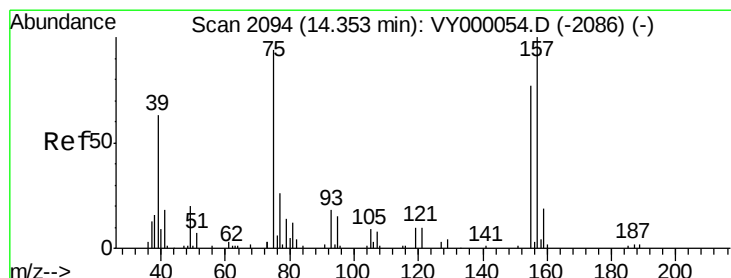
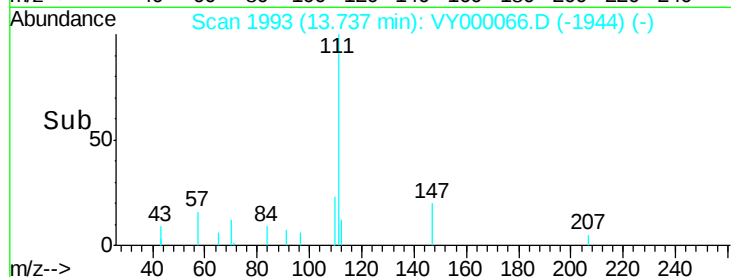
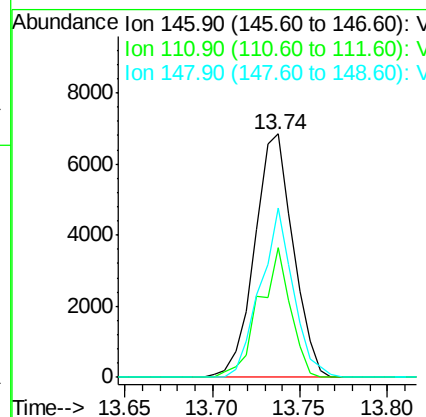
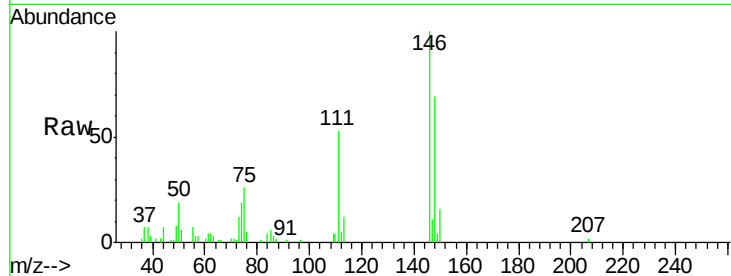
#91
 1,2-Dichlorobenzene
 Concen: 4.380 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL2

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.9	65.7
148	59.6	32.4	97.2

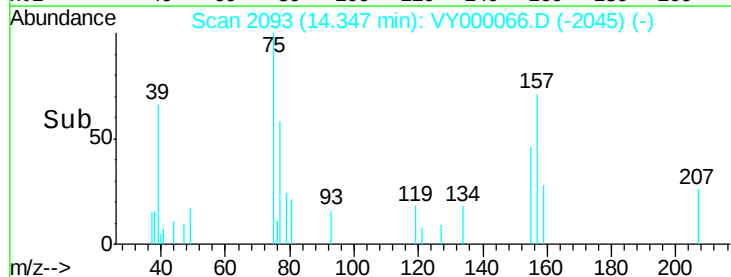
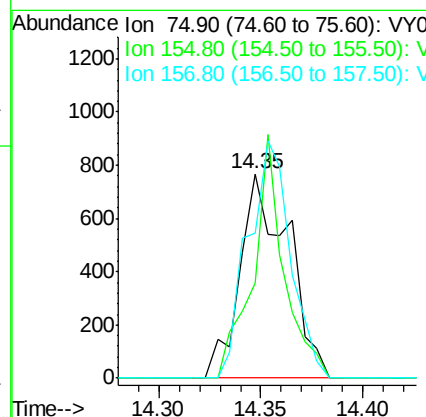
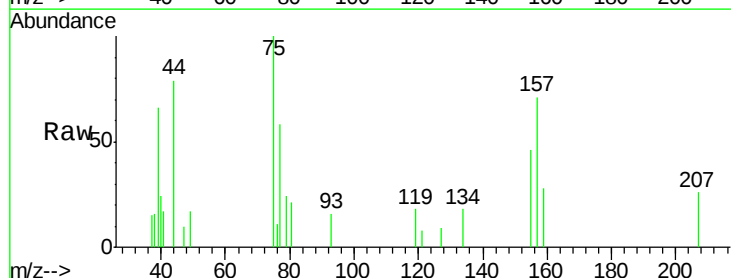
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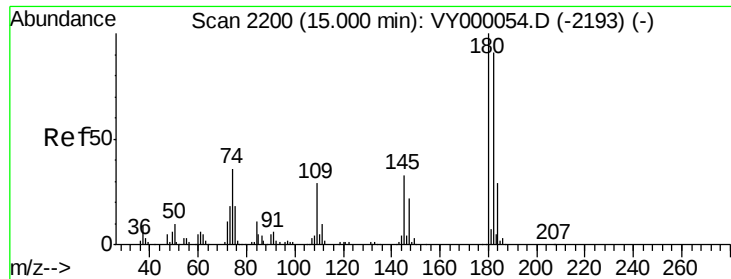
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.885 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.6	40.6	121.7
157	102.5	52.9	158.8





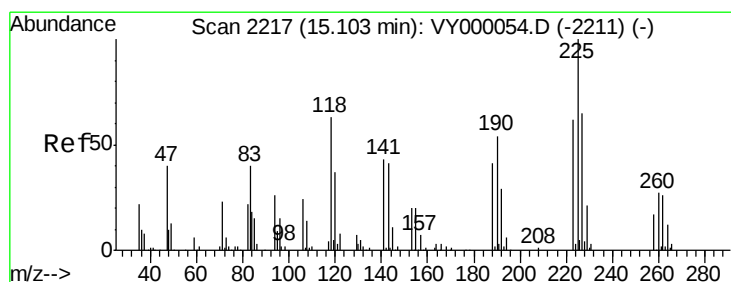
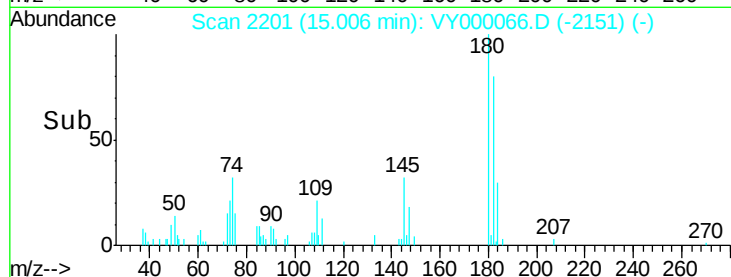
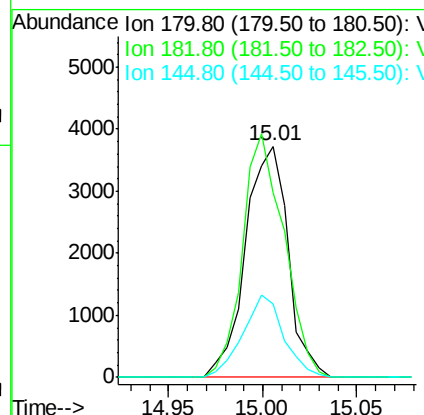
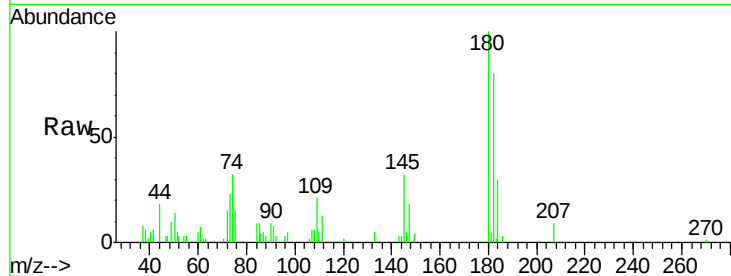
#93
 1,2,4-Trichlorobenzene
 Concen: 4.034 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL2

Tot Ion	Ratio	Resp	Lower	Upper
180	100	5825		
182	102.7		48.5	145.6
145	34.3		17.2	51.6

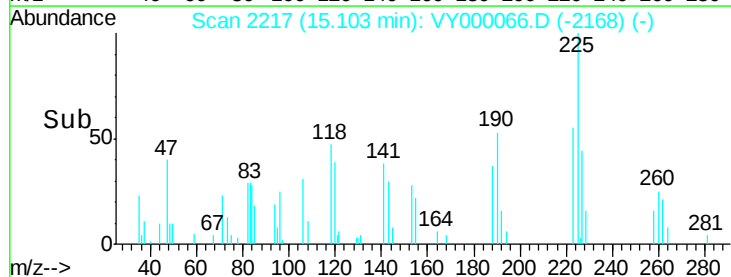
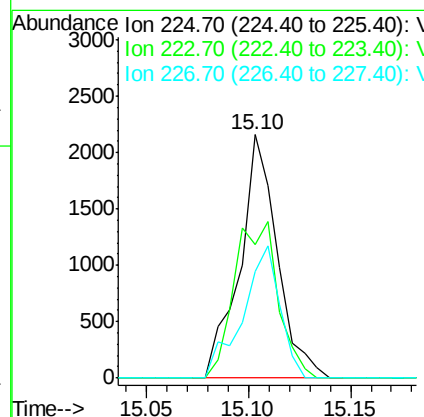
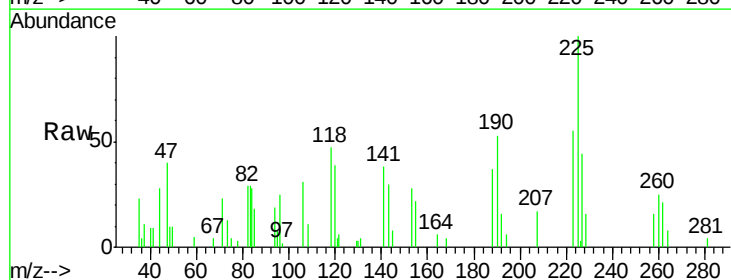
Manual Integrations
 APPROVED

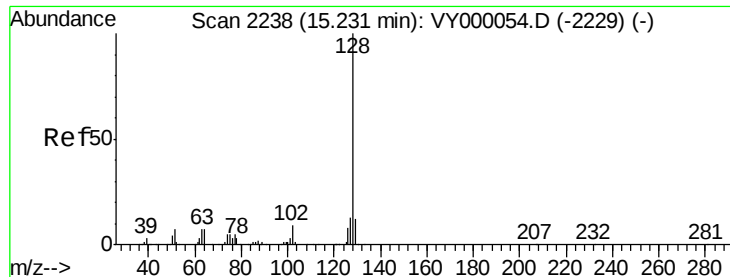
MMDadoda
 9/20/2019 12:39:33 AM



#94
 Hexachlorobutadiene
 Concen: 3.965 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000066.D
 Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2749		
223	74.8		31.9	95.5
227	54.1		30.6	91.6





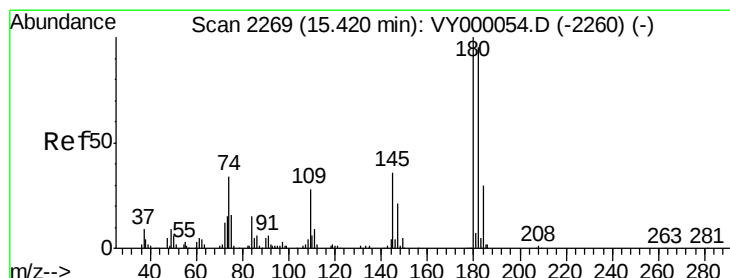
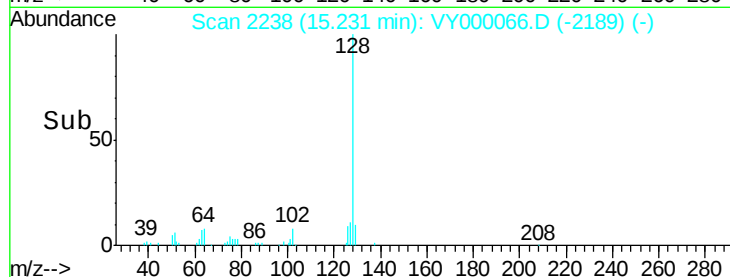
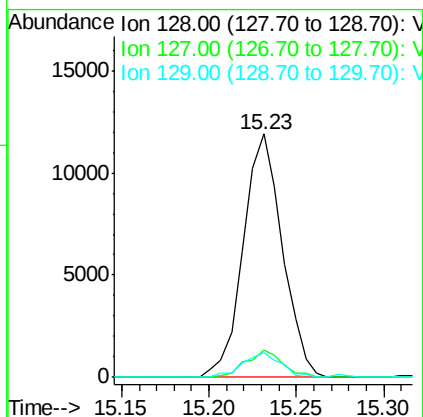
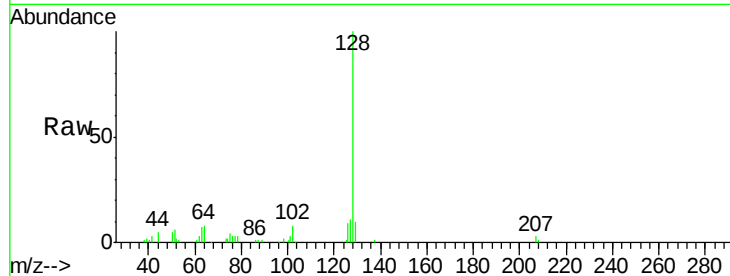
#95
Naphthalene
Concen: 4.511 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.3	15.5
129	9.9	9.2	13.8

Manual Integrations
APPROVED

MMDadoda
9/20/2019 12:39:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.157 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000066.D
Acq: 18 Sep 2019 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.5	142.5
145	41.2	17.4	52.2

