

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000028.D
 Acq On : 12 Sep 2019 15:39
 Operator : SY/MD
 Sample : MDL1
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:58 PM

Quant Time: Sep 19 12:01:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:53:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	135620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	262093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	94389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	72448	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.72	113	70778	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.18	98	299716	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.48	95	101201	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	4104	4.104	ug/l	98
3) Chloromethane	2.11	50	8381	4.845	ug/l	91
4) Vinyl Chloride	2.24	62	5997	3.954	ug/l	99
5) Bromomethane	2.63	94	5125	5.317	ug/l	89
6) Chloroethane	2.78	64	4349	4.307	ug/l	89
7) Trichlorofluoromethane	3.12	101	8204	4.163	ug/l	99
8) Diethyl Ether	3.53	74	3121	3.854	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.89	101	5313	3.962	ug/l #	81
10) Methyl Iodide	4.07	142	3399	2.318	ug/l	96
11) Tert butyl alcohol	4.98	59	5480m	29.505	ug/l	
12) 1,1-Dichloroethene	3.86	96	4520	3.617	ug/l #	75
13) Acrolein	3.73	56	2573	18.466	ug/l #	64
14) Allyl chloride	4.47	41	7324	3.774	ug/l	96
15) Acrylonitrile	5.17	53	9920	19.306	ug/l	97
16) Acetone	3.95	43	7583	18.719	ug/l	96
17) Carbon Disulfide	4.18	76	12510	4.970	ug/l	99
18) Methyl Acetate	4.47	43	5104	4.478	ug/l #	88
19) Methyl tert-butyl Ether	5.21	73	13380	3.535	ug/l	91
20) Methylene Chloride	4.72	84	9236	5.719	ug/l #	79
21) trans-1,2-Dichloroethene	5.21	96	5839	4.219	ug/l	96
22) Diisopropyl ether	6.13	45	15530	3.625	ug/l #	86
23) Vinyl Acetate	6.06	43	53031	17.895	ug/l	93
24) 1,1-Dichloroethane	6.03	63	9754	3.842	ug/l #	92
25) 2-Butanone	7.00	43	15505	23.549	ug/l	100
26) 2,2-Dichloropropane	6.98	77	12027	5.100	ug/l	86
27) cis-1,2-Dichloroethene	6.99	96	6095	3.491	ug/l	76
28) Bromochloromethane	7.33	49	4432	3.802	ug/l #	91
29) Tetrahydrofuran	7.36	42	7611	19.432	ug/l	92
30) Chloroform	7.51	83	10042	3.836	ug/l	97
31) Cyclohexane	7.78	56	10744	5.078	ug/l #	71
32) 1,1,1-Trichloroethane	7.70	97	7859	3.660	ug/l	95
36) 1,1-Dichloropropene	7.92	75	7977	4.145	ug/l	97
37) Ethyl Acetate	7.07	43	5180	3.992	ug/l	98
38) Carbon Tetrachloride	7.90	117	6510	3.584	ug/l #	89

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	9023	3.795	ug/l #	84
40) Benzene	8.16	78	21753	3.472	ug/l	99
41) Methacrylonitrile	7.32	41	2338	3.097	ug/l #	70
42) 1,2-Dichloroethane	8.24	62	6759	4.222	ug/l	85
43) Isopropyl Acetate	8.28	43	10412	4.141	ug/l #	88
44) Trichloroethene	8.94	130	5704	3.646	ug/l	90
45) 1,2-Dichloropropane	9.21	63	6125	3.791	ug/l #	81
46) Dibromomethane	9.31	93	3233	3.606	ug/l	91
47) Bromodichloromethane	9.49	83	8107	3.788	ug/l #	90
48) Methyl methacrylate	9.29	41	4204	3.789	ug/l	92
49) 1,4-Dioxane	9.31	88	1602	85.322	ug/l #	74
51) 4-Methyl-2-Pentanone	10.07	43	31386	22.275	ug/l	100
52) Toluene	10.24	92	14913	3.788	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	8730	3.880	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	10282	3.927	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	5806	4.087	ug/l	97
56) Ethyl methacrylate	10.51	69	8609	4.318	ug/l	97
57) 1,3-Dichloropropane	10.79	76	9115	4.012	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	19283	17.655	ug/l	98
59) 2-Hexanone	10.83	43	22199	21.863	ug/l	94
60) Dibromochloromethane	10.99	129	5783	3.863	ug/l	95
61) 1,2-Dibromoethane	11.09	107	5108	4.070	ug/l	98
64) Tetrachloroethene	10.71	164	5782	4.229	ug/l	89
65) Chlorobenzene	11.51	112	16666	3.923	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	11.59	131	5400	3.669	ug/l	89
67) Ethyl Benzene	11.59	91	29702	3.849	ug/l	99
68) m/p-Xylenes	11.70	106	22686	7.790	ug/l	99
69) o-Xylene	12.02	106	12073	4.230	ug/l	87
70) Styrene	12.04	104	20327	4.094	ug/l	96
71) Bromoform	12.20	173	3559	4.004	ug/l #	96
73) Isopropylbenzene	12.32	105	28790	3.992	ug/l	100
74) N-amyl acetate	12.14	43	9847	4.625	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	8307	4.818	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	6494m	4.953	ug/l	
77) Bromobenzene	12.60	156	6524	4.276	ug/l	90
78) n-propylbenzene	12.66	91	34388	3.902	ug/l	100
79) 2-Chlorotoluene	12.75	91	20182	4.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	24447	4.060	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.37	75	3295	4.985	ug/l	97
82) 4-Chlorotoluene	12.85	91	20531	3.969	ug/l	99
83) tert-Butylbenzene	13.07	119	20882	4.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	25393	4.269	ug/l	96
85) sec-Butylbenzene	13.25	105	28927	3.788	ug/l	100
86) p-Isopropyltoluene	13.36	119	24346	3.758	ug/l	98
87) 1,3-Dichlorobenzene	13.35	146	12400	4.039	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	12858	4.161	ug/l	92
89) n-Butylbenzene	13.69	91	24835	3.783	ug/l	97
90) Hexachloroethane	13.95	117	5050	3.901	ug/l	94
91) 1,2-Dichlorobenzene	13.73	146	12105	4.236	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1844	5.500	ug/l	82

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ClientSampleId :
MDL1

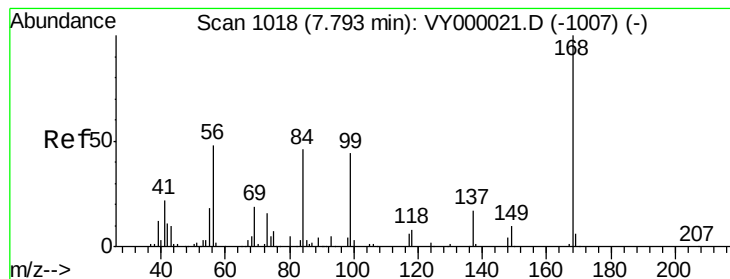
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 11:53:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	7428	4.074	ug/l	98
94) Hexachlorobutadiene	15.10	225	3028	3.621	ug/l	96
95) Naphthalene	15.22	128	22518	4.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.41	180	7359	4.496	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion:168 Resp: 135620

Ion Ratio Lower Upper

168 100

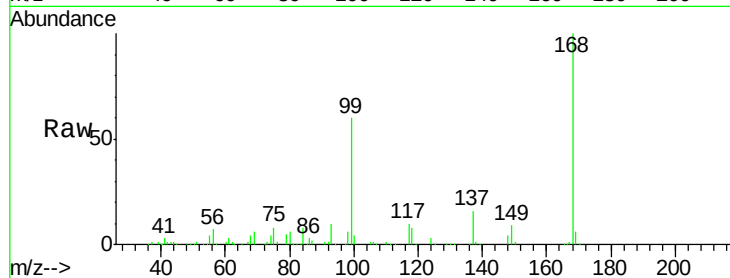
99 59.8 46.3 69.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000021.D (-1007) (-)

Ion 98.90 (98.60 to 99.60): VY000021.D (-1007) (-)

7.79

60000

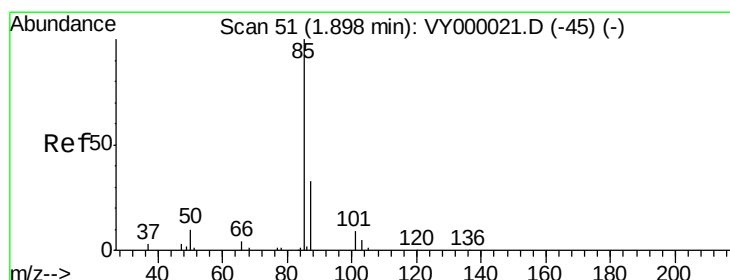
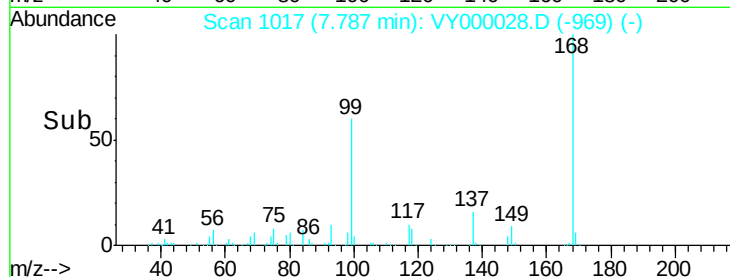
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.104 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000028.D

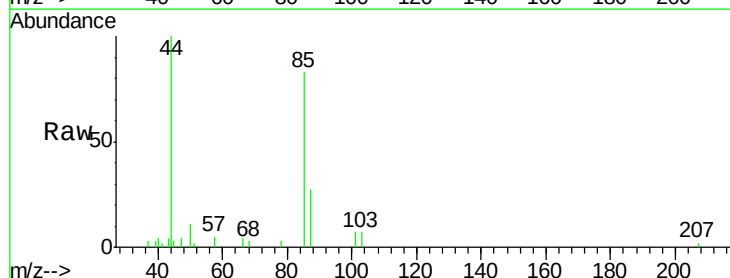
Acq: 12 Sep 2019 15:39

Tgt Ion: 85 Resp: 4104

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY000021.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000021.D (-45) (-)

1.90

3000

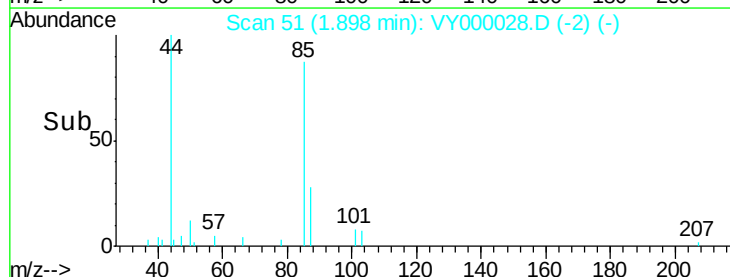
2000

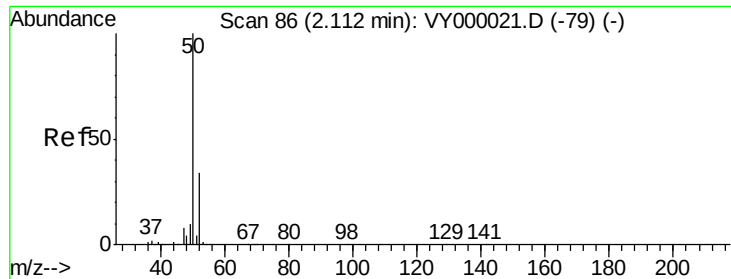
1000

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 4.845 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 50 Resp: 8381

Ion Ratio Lower Upper

50 100

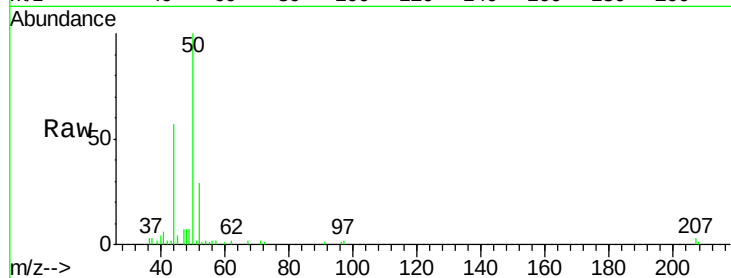
52 28.7 27.0 40.6

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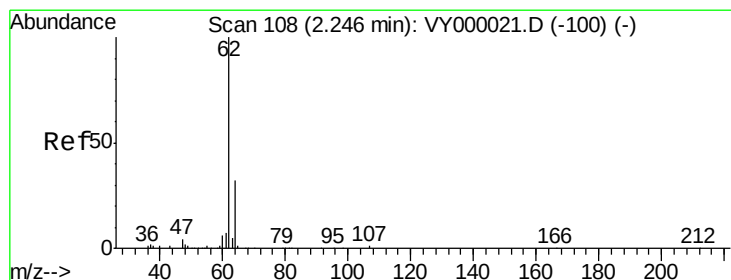
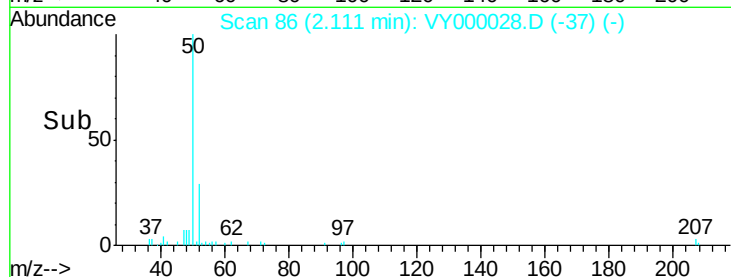
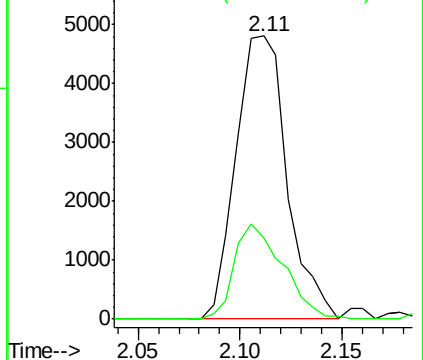
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 3.954 ug/l

RT: 2.24 min Scan# 107

Delta R.T. -0.01 min

Lab File: VY000028.D

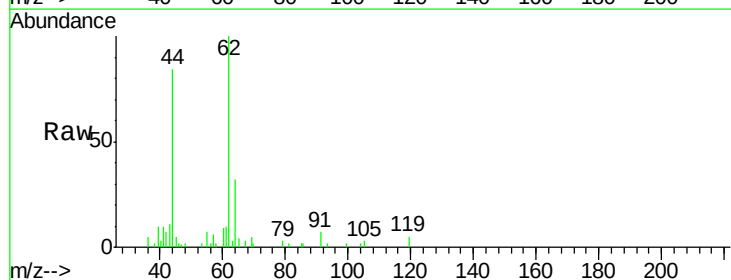
Acq: 12 Sep 2019 15:39

Tgt Ion: 62 Resp: 5997

Ion Ratio Lower Upper

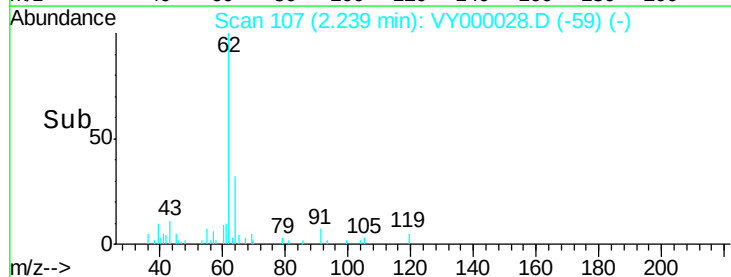
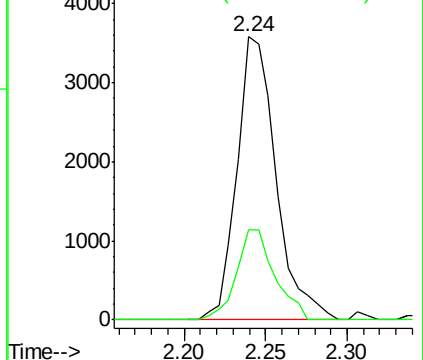
62 100

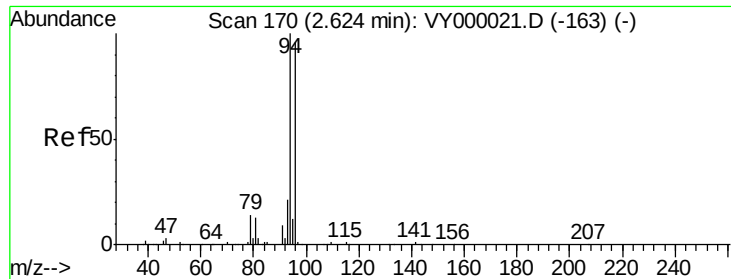
64 32.1 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 5.317 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 94 Resp: 5125

Ion Ratio Lower Upper

94 100

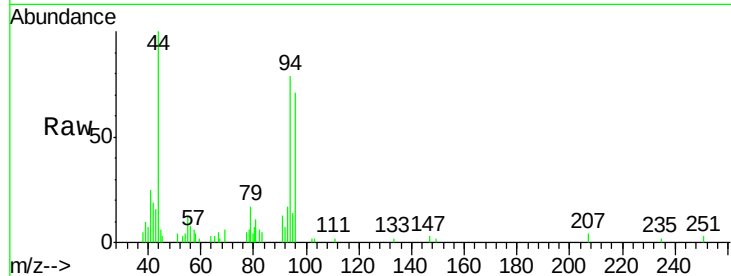
96 85.6 76.8 115.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

2500

2000

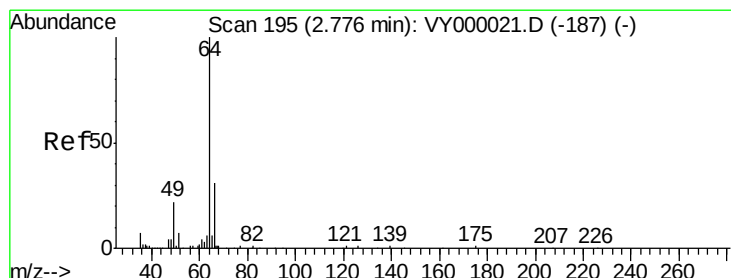
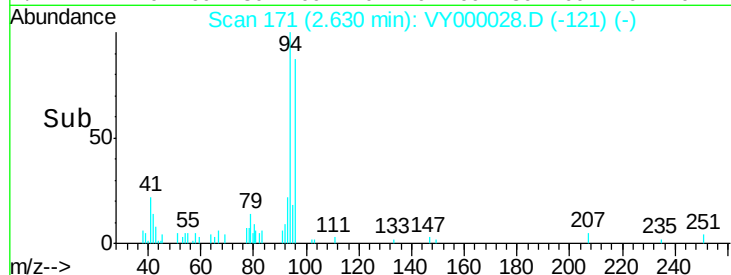
1500

1000

500

0

Time-->



#6

Chloroethane

Concen: 4.307 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VY000028.D

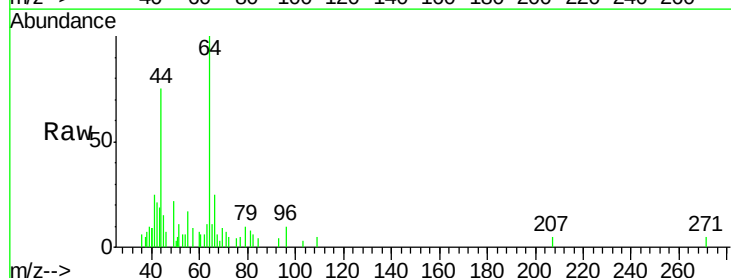
Acq: 12 Sep 2019 15:39

Tgt Ion: 64 Resp: 4349

Ion Ratio Lower Upper

64 100

66 25.1 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.78

2000

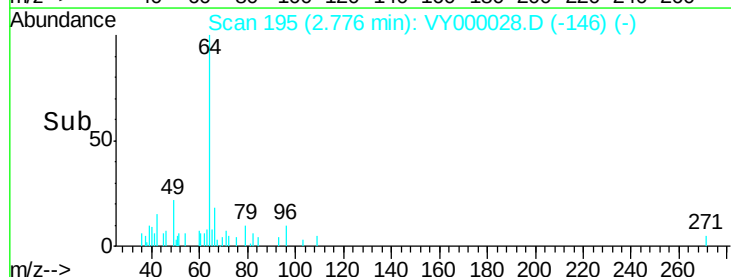
1500

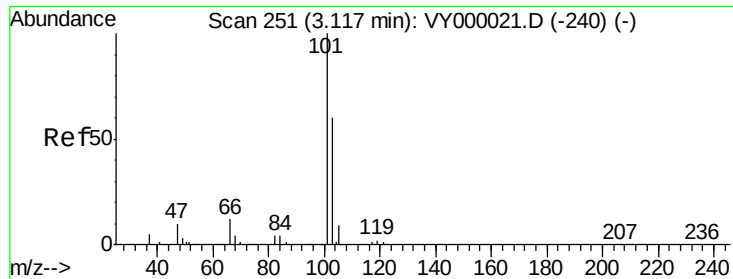
1000

500

0

Time-->





#7

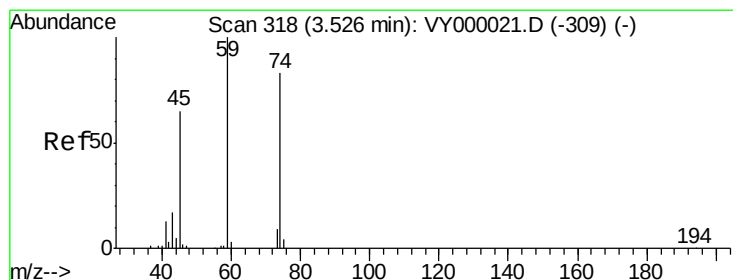
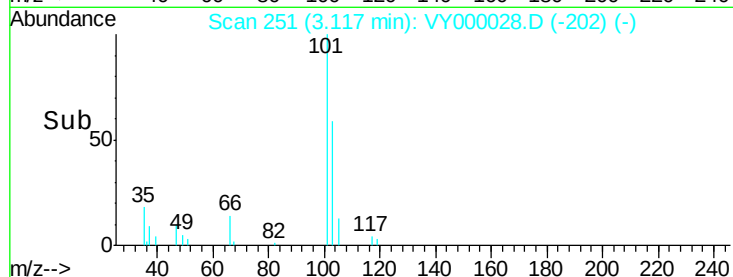
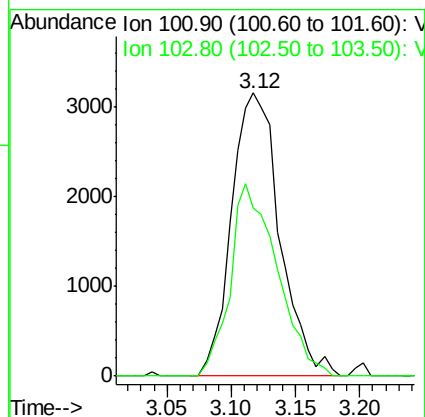
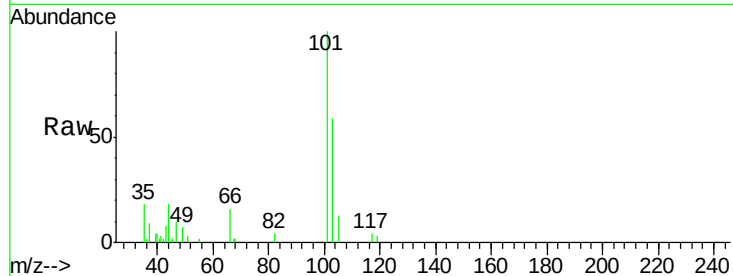
Trichlorofluoromethane
Concen: 4.163 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.4	48.1	72.1

Manual Integrations
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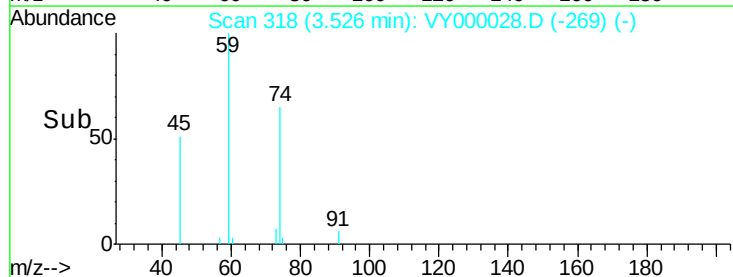
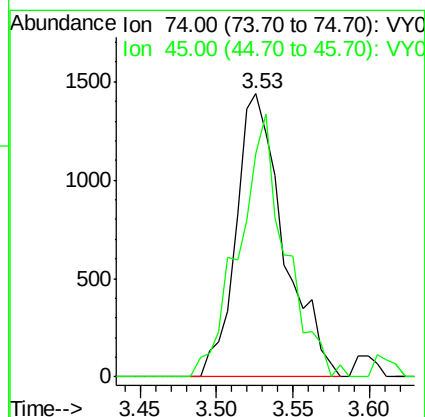
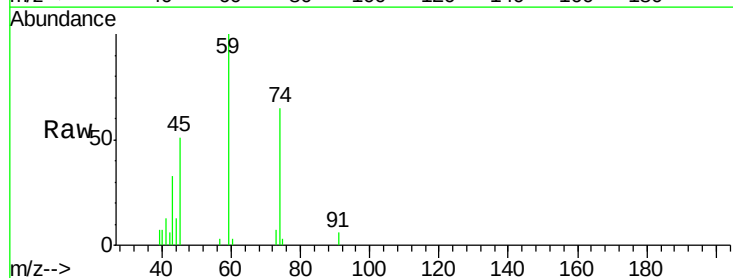
MMDadoda
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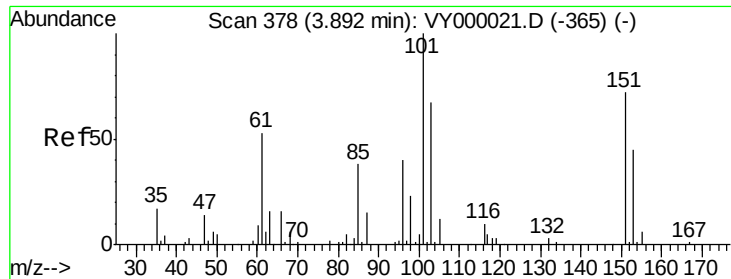


#8

Diethyl Ether
Concen: 3.854 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.8	41.9	125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.962 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

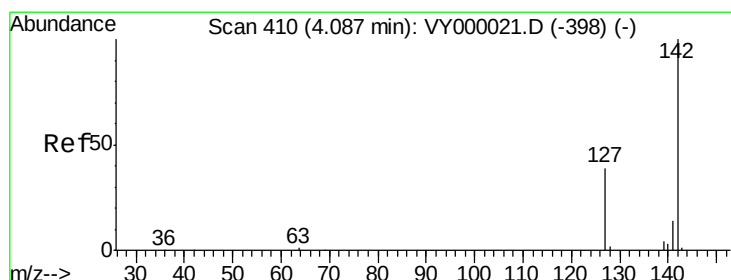
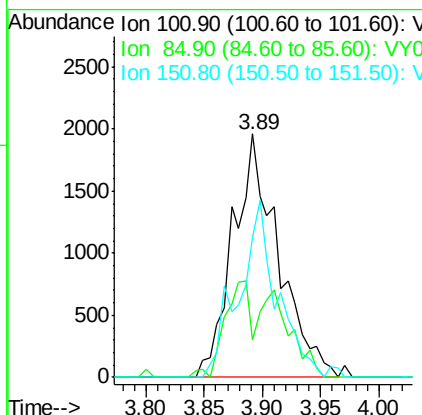
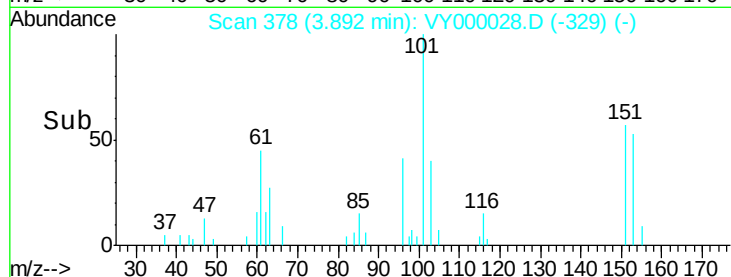
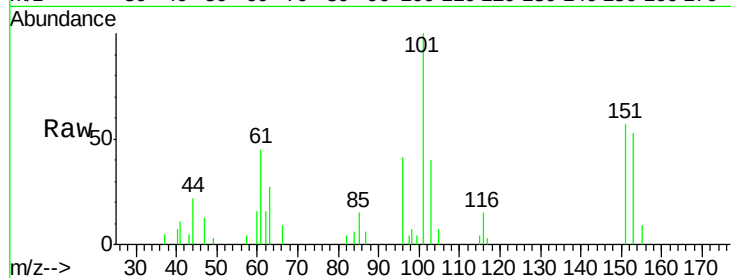
ClientSampled :

MDL1

Tot Ion:	101	Resp:	5313
Ion Ratio	Lower	Upper	
101	100		
85	22.4	35.3	52.9#
151	61.4	55.9	83.9

Manual Integrations
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#10

Methyl Iodide

Concen: 2.318 ug/l

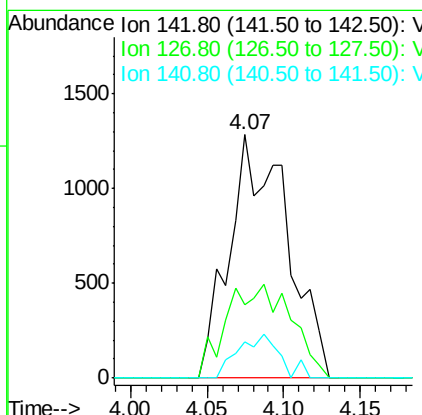
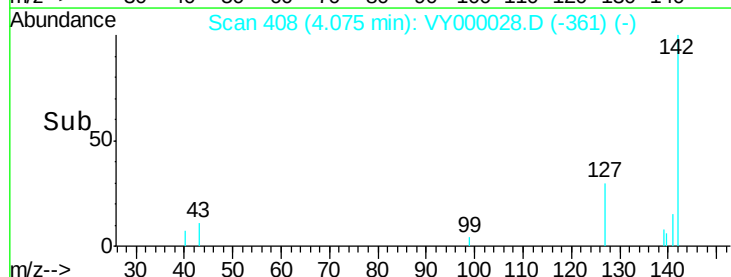
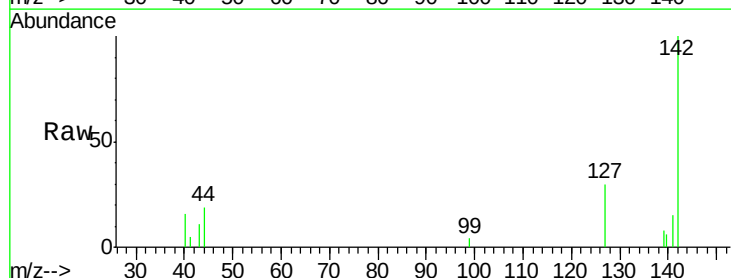
RT: 4.07 min Scan# 408

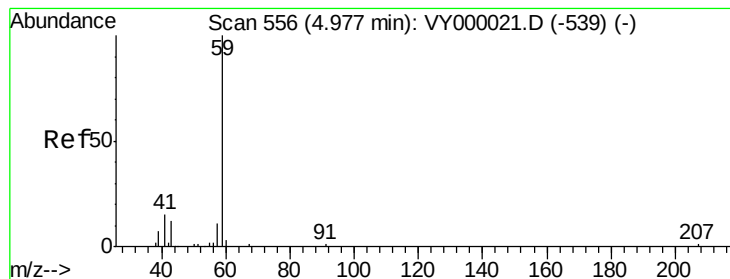
Delta R.T. -0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	142	Resp:	3399
Ion Ratio	Lower	Upper	
142	100		
127	42.6	31.4	47.2
141	12.9	10.6	16.0





#11

Tert butyl alcohol

Concen: 29.505 ug/l m

RT: 4.98 min Scan# 557

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 59 Resp: 5480

Ion Ratio Lower Upper

59 100

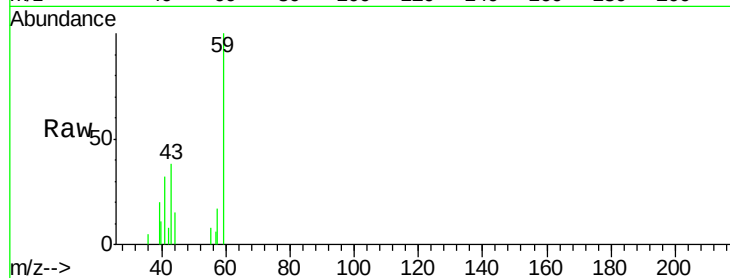
57 9.5 8.3 12.5

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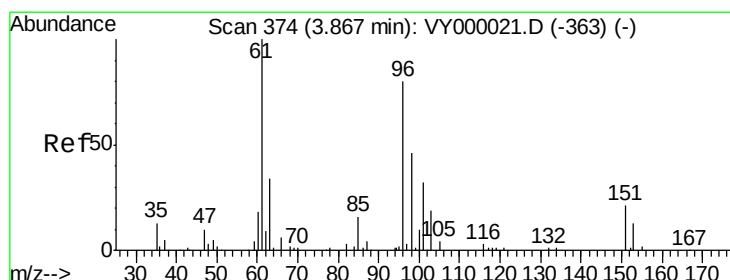
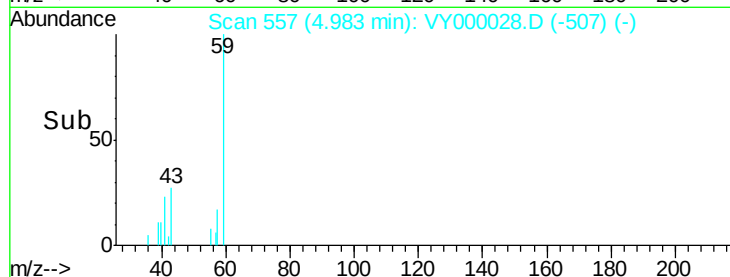
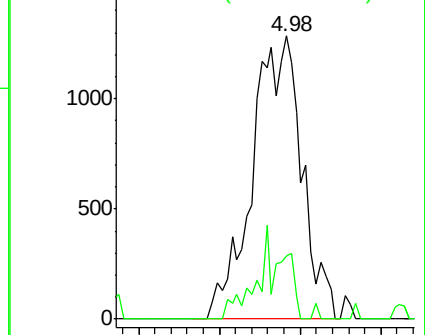
MMDadoda

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Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 3.617 ug/l

RT: 3.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

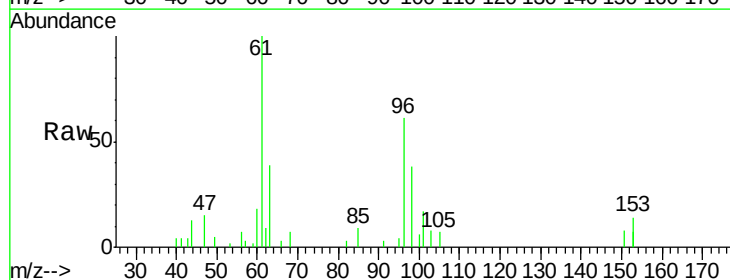
Tgt Ion: 96 Resp: 4520

Ion Ratio Lower Upper

96 100

61 163.5 99.8 149.6#

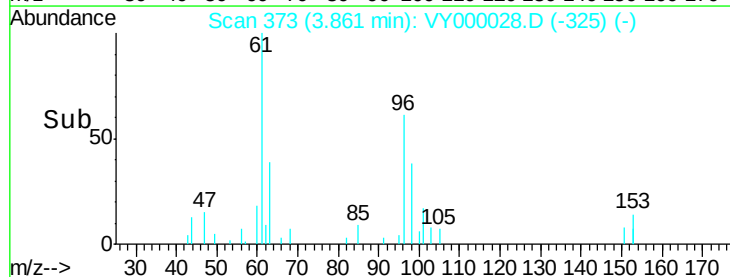
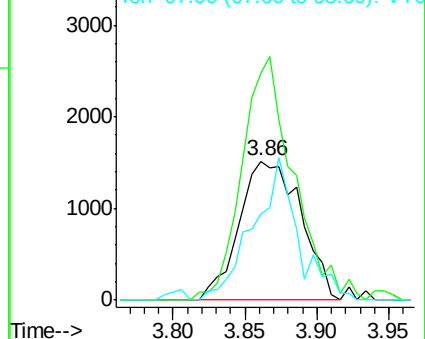
98 61.7 46.3 69.5

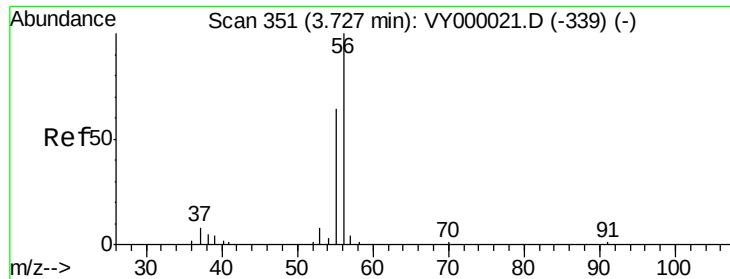


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 18.466 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 56 Resp: 2573

Ion Ratio Lower Upper

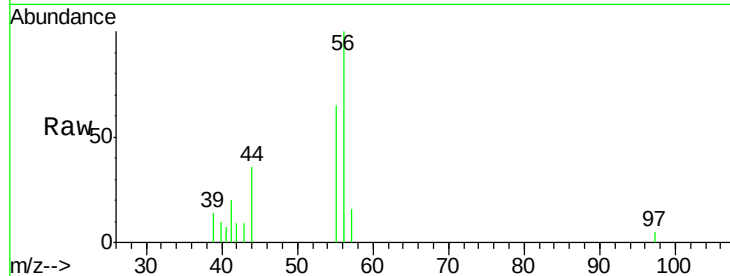
56 100

55 100.3 56.7 85.1#

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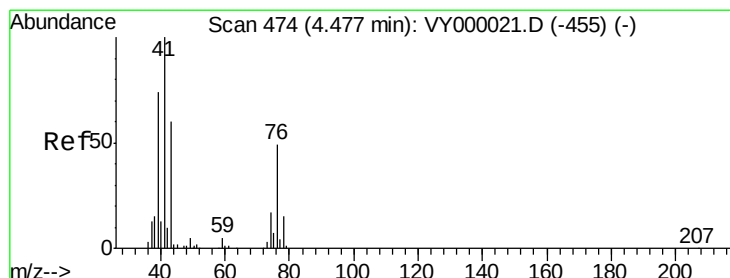
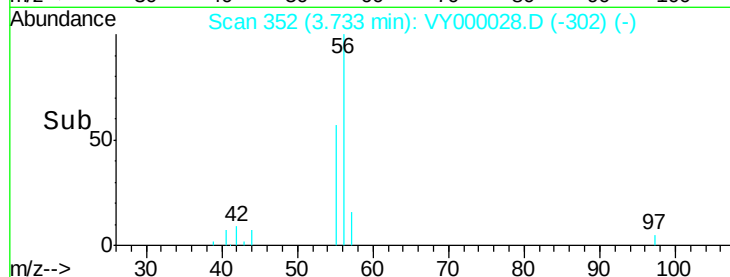
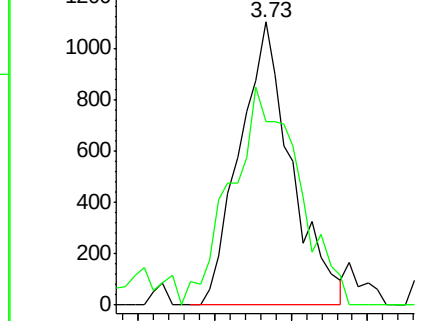
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 3.774 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

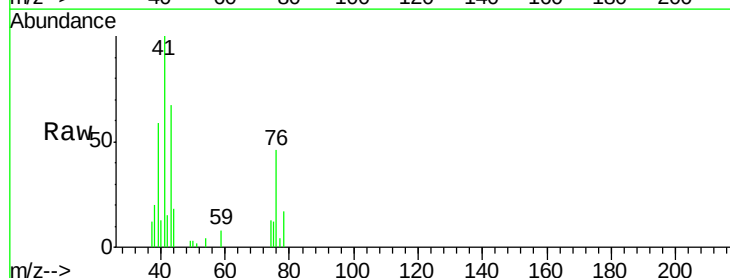
Tgt Ion: 41 Resp: 7324

Ion Ratio Lower Upper

41 100

39 65.5 53.1 79.7

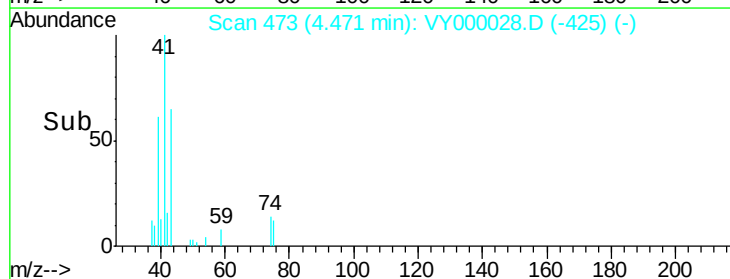
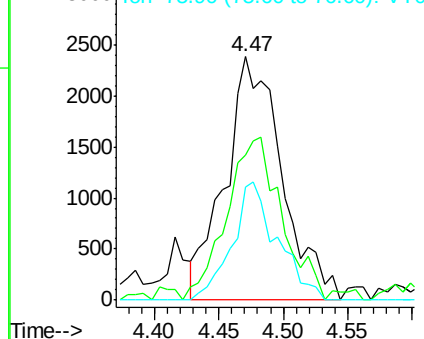
76 38.5 34.9 52.3

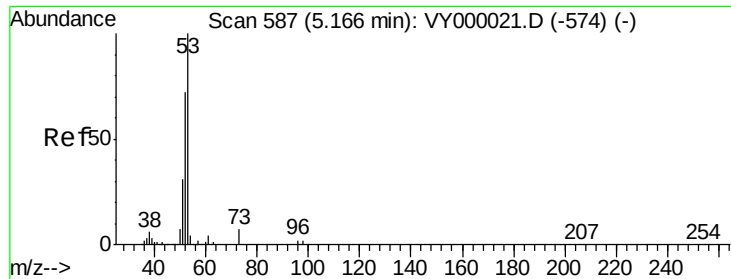


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 19.306 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

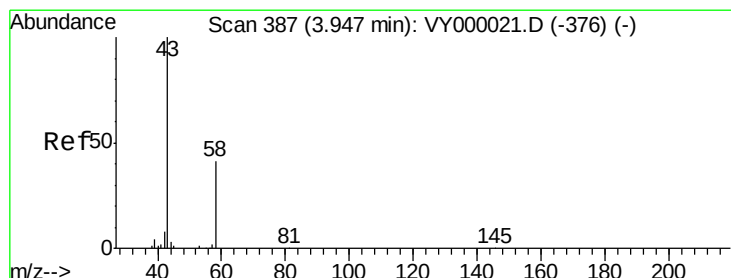
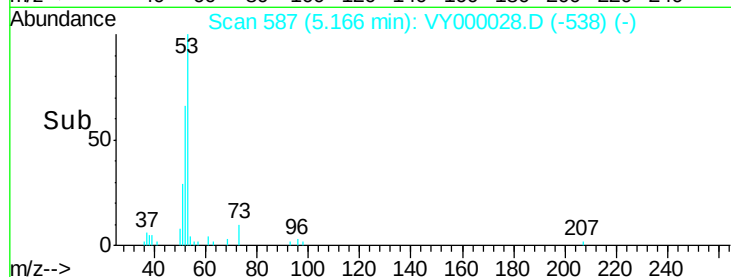
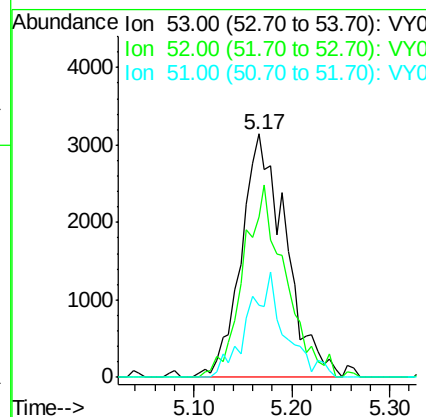
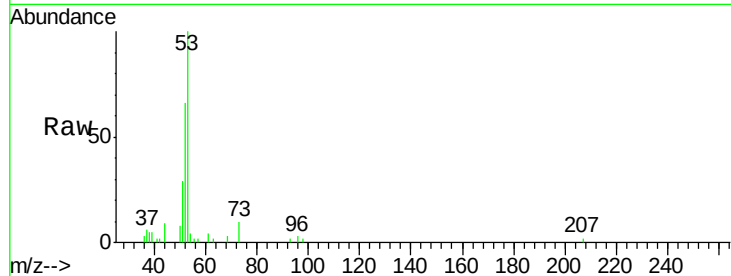
ClientSampleId :

MDL1

Tot Ion:	53	Resp:	9920
Ion	Ratio	Lower	Upper
53	100		
52	74.9	62.8	94.2
51	34.1	26.6	40.0

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#16

Acetone

Concen: 18.719 ug/l

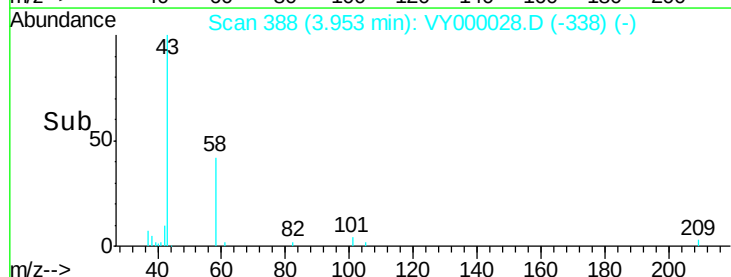
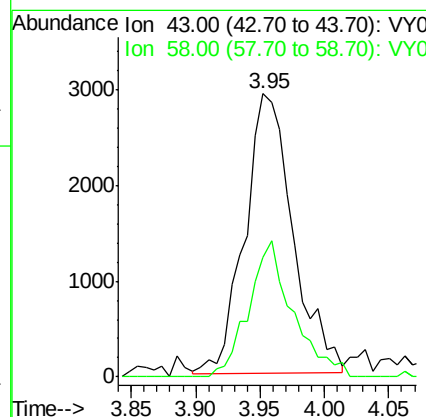
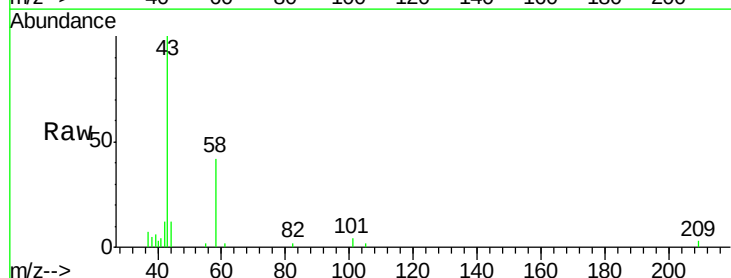
RT: 3.95 min Scan# 388

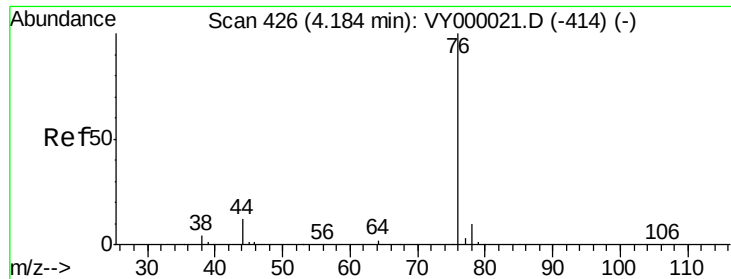
Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	43	Resp:	7583
Ion	Ratio	Lower	Upper
43	100		
58	43.3	32.5	48.7





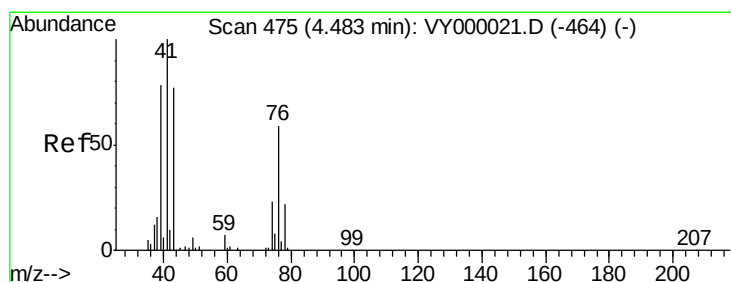
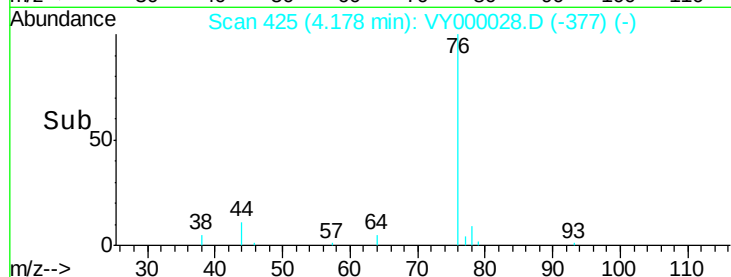
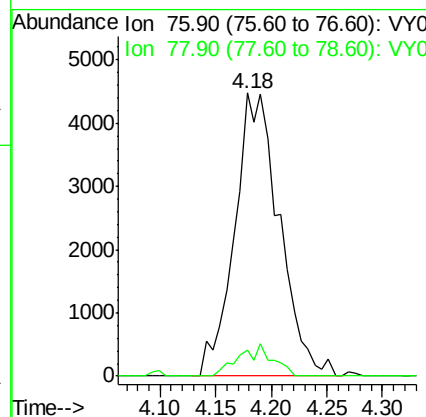
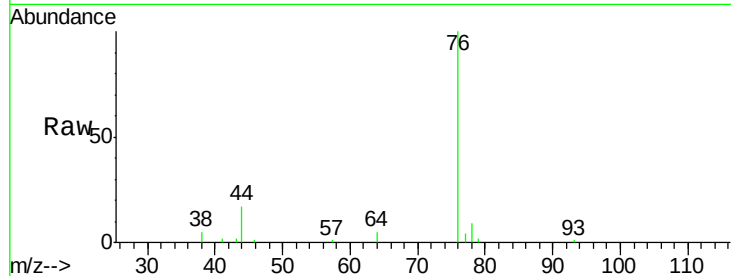
#17
Carbon Disulfide
Concen: 4.970 ug/l
RT: 4.18 min Scan# 425
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	76	Resp	12510
Ion Ratio	100	Lower	Upper
76	100		
78	9.2	7.6	11.4

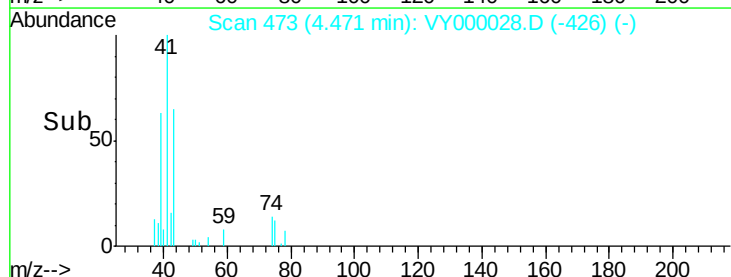
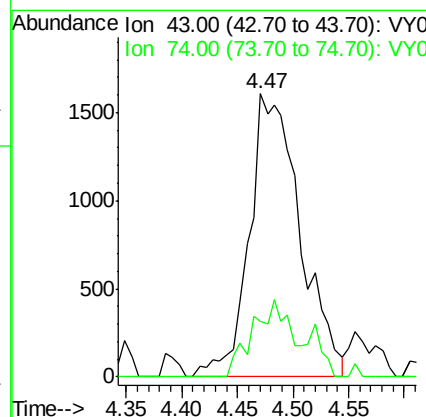
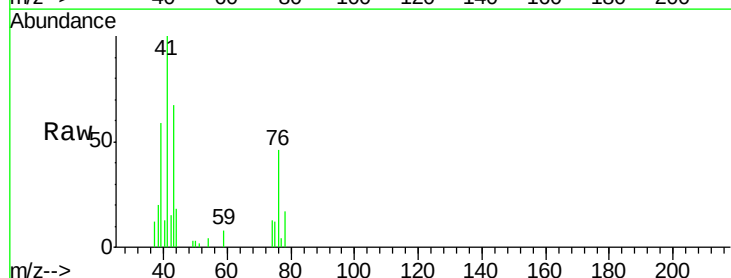
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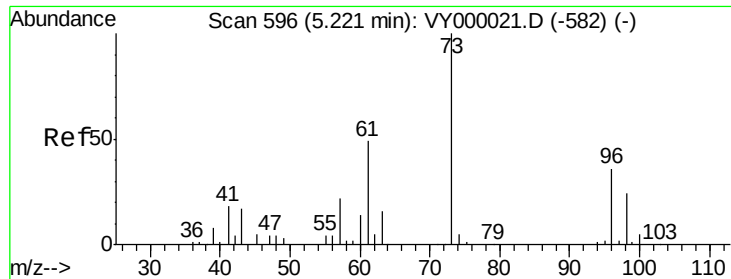
MMDadoda
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#18
Methyl Acetate
Concen: 4.478 ug/l
RT: 4.47 min Scan# 473
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	43	Resp	5104
Ion Ratio	100	Lower	Upper
43	100		
74	20.5	21.4	32.0#





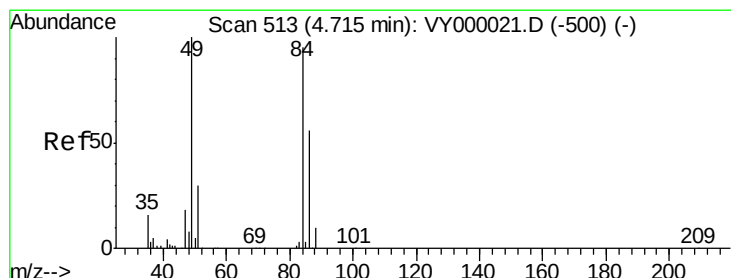
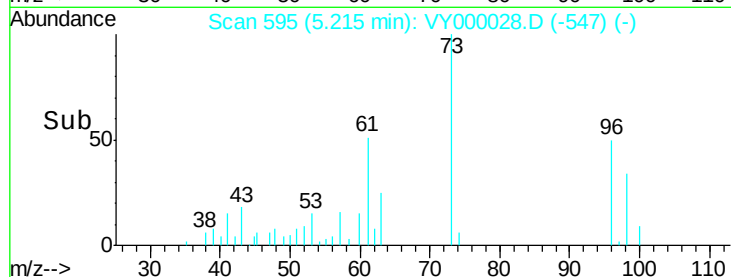
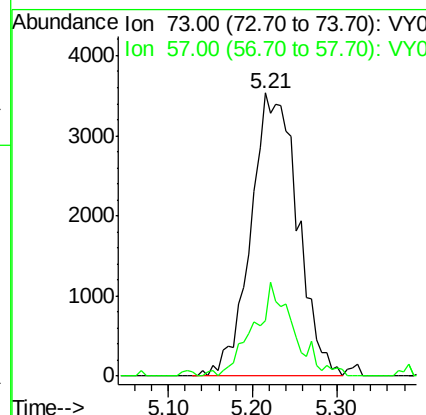
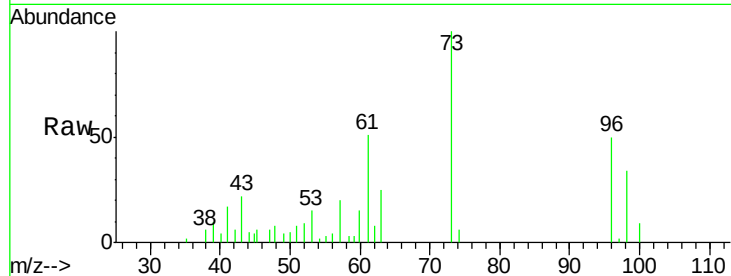
#19
Methyl tert-butyl Ether
Concen: 3.535 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion: 73 Resp: 13380
Ion Ratio Lower Upper
73 100
57 17.9 17.8 26.8

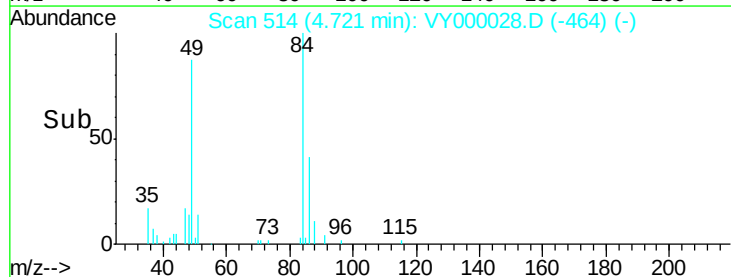
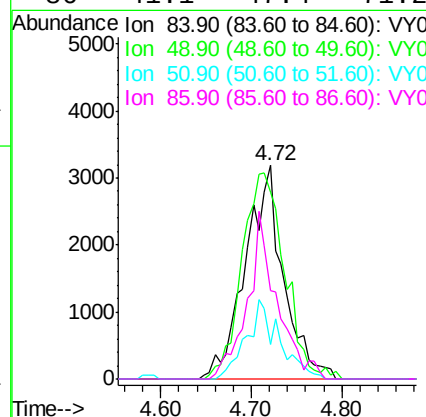
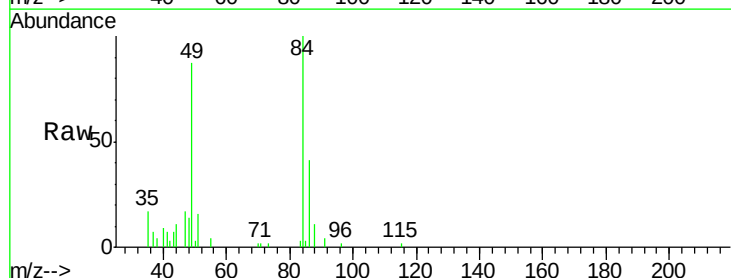
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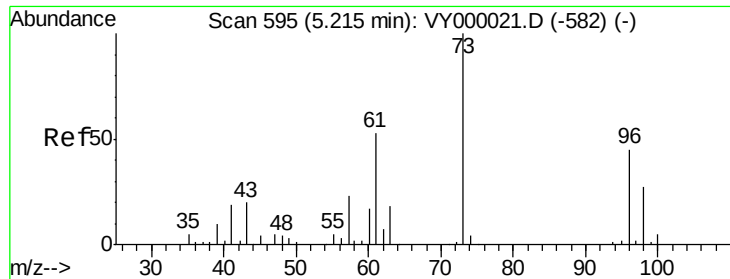
MMDadoda
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#20
Methylene Chloride
Concen: 5.719 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion: 84 Resp: 9236
Ion Ratio Lower Upper
84 100
49 87.3 84.4 126.6
51 16.4 25.4 38.0#
86 41.1 47.4 71.2#





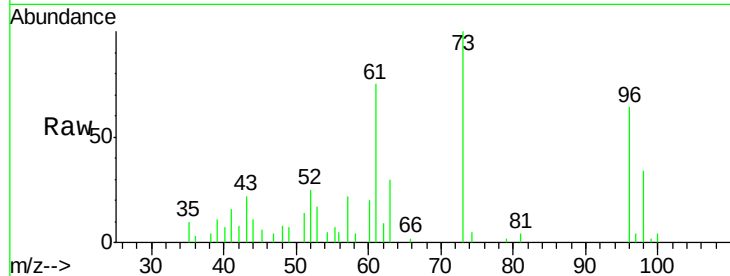
#21
trans-1,2-Dichloroethene
Concen: 4.219 ug/l
RT: 5.21 min Scan# 594
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.1	95.3	142.9
98	53.0	48.7	73.1

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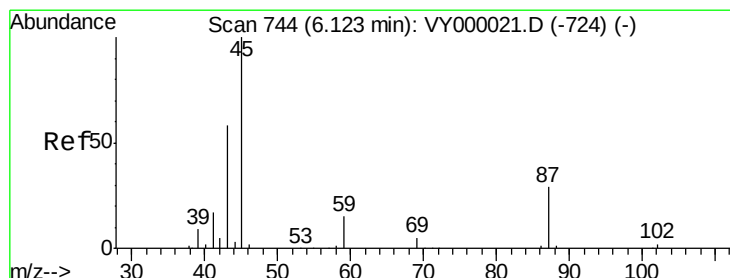
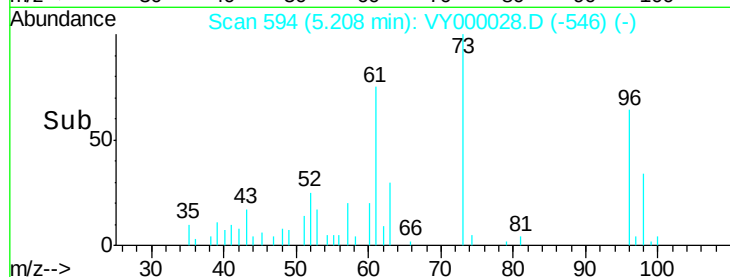
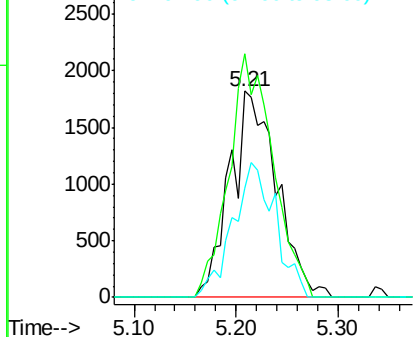


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22
Diisopropyl ether
Concen: 3.625 ug/l
RT: 6.13 min Scan# 745
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	49.6	47.0	70.4
87	40.5	23.1	34.7
59	13.0	11.8	17.6

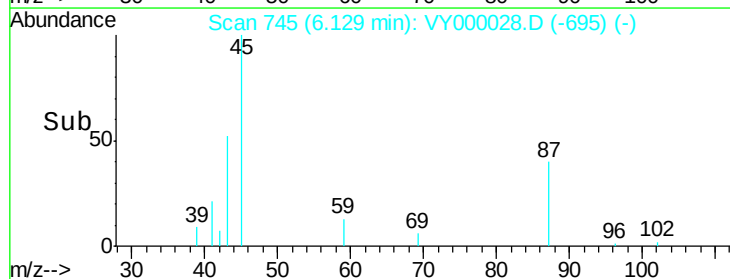
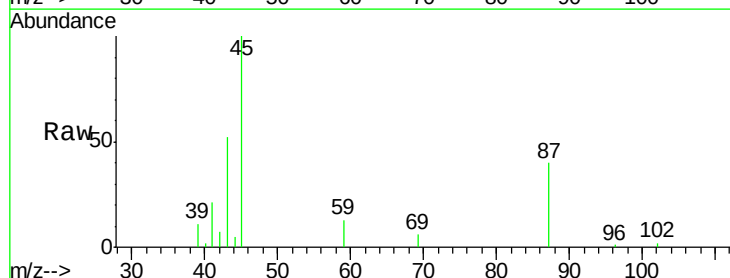
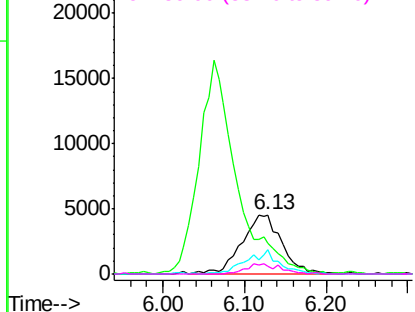
Abundance

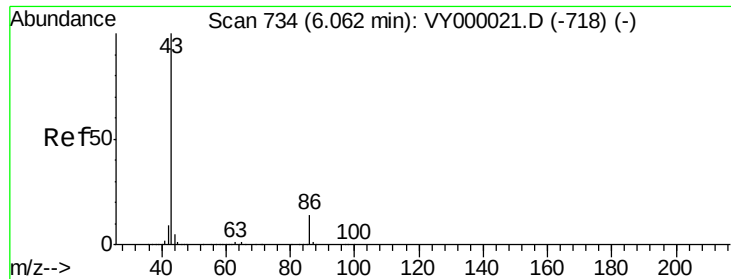
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 17.895 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 43 Resp: 53031

Ion Ratio Lower Upper

43 100

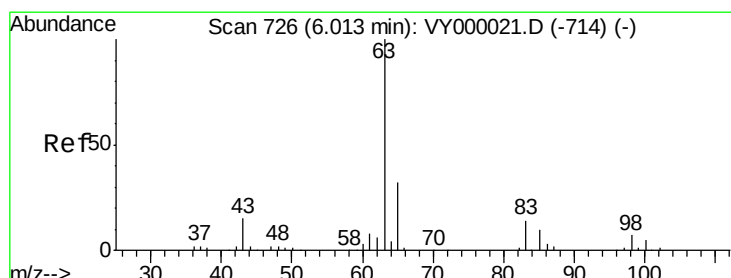
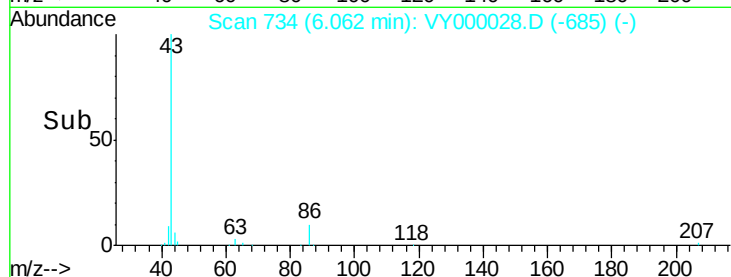
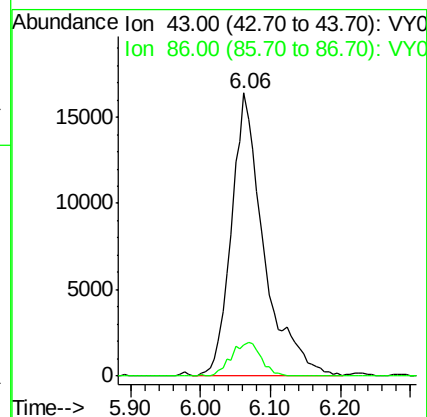
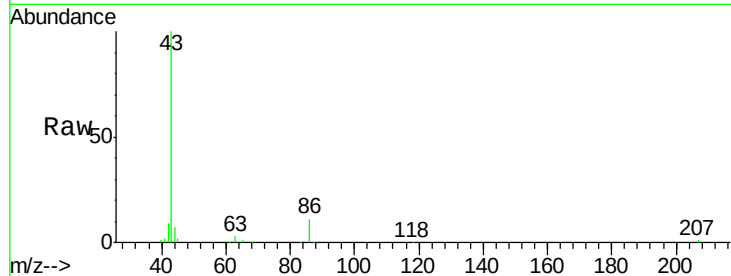
86 11.1 11.0 16.4

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#24

1,1-Dichloroethane

Concen: 3.842 ug/l

RT: 6.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

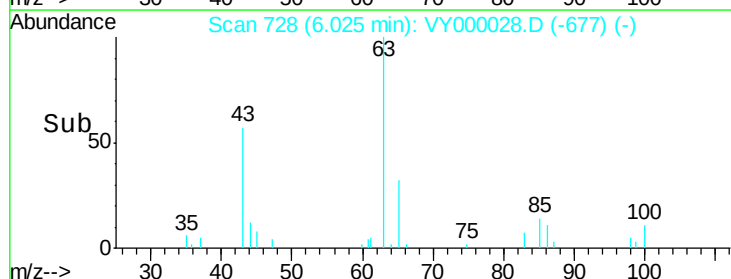
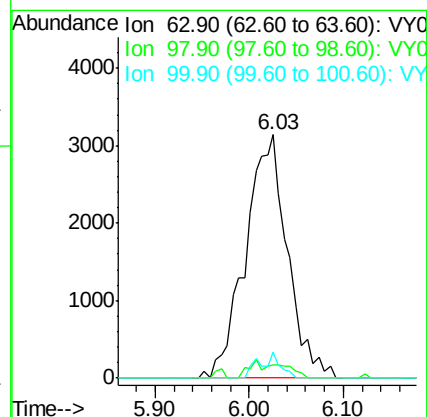
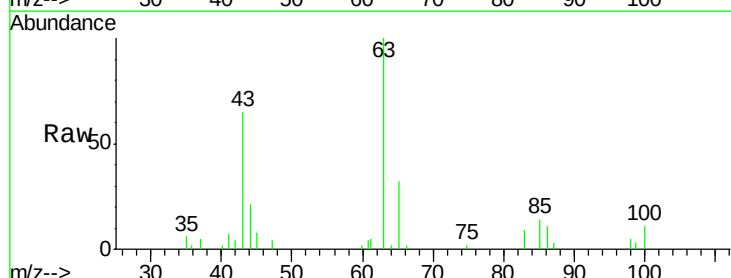
Tgt Ion: 63 Resp: 9754

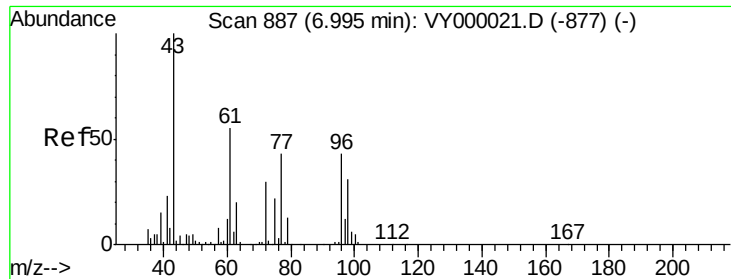
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 10.8 2.6 8.0#





#25

2-Butanone

Concen: 23.549 ug/l

RT: 7.00 min Scan# 888

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 43 Resp: 15505

Ion Ratio Lower Upper

43 100

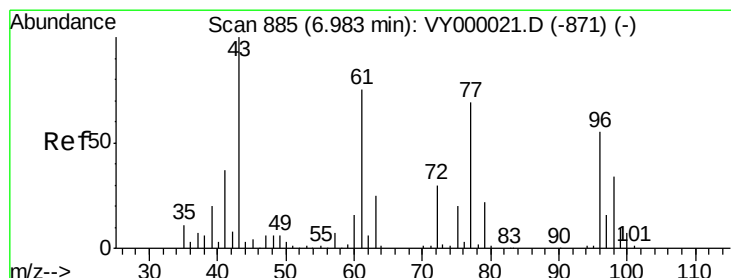
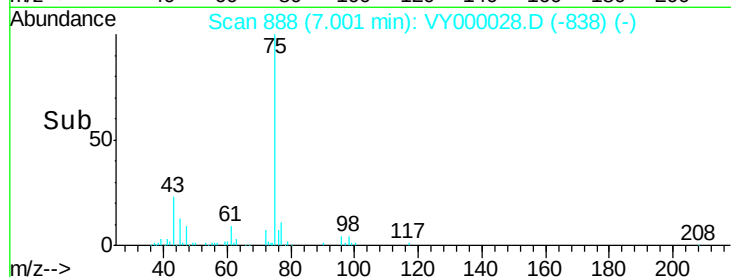
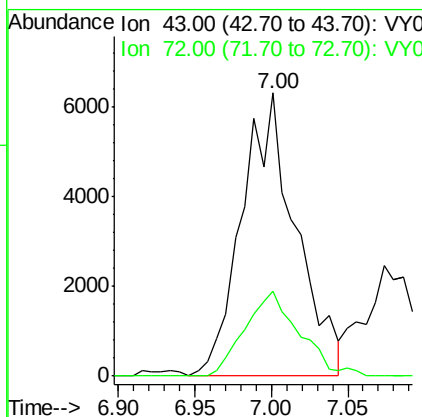
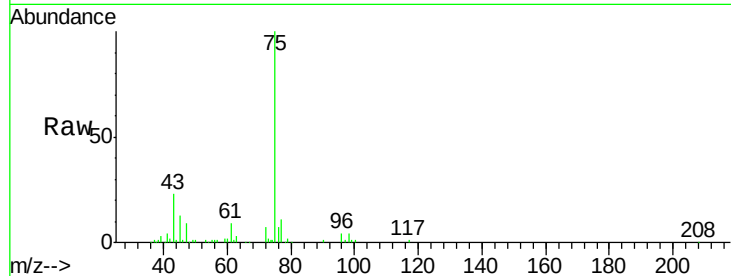
72 30.1 24.1 36.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.100 ug/l

RT: 6.98 min Scan# 884

Delta R.T. -0.01 min

Lab File: VY000028.D

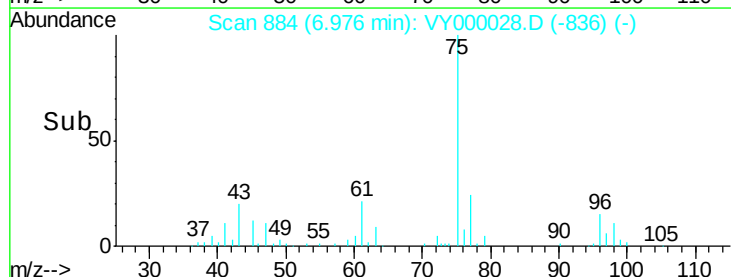
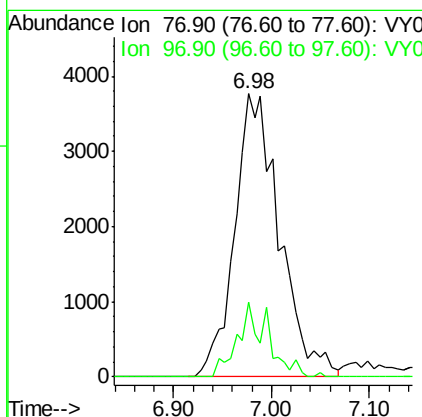
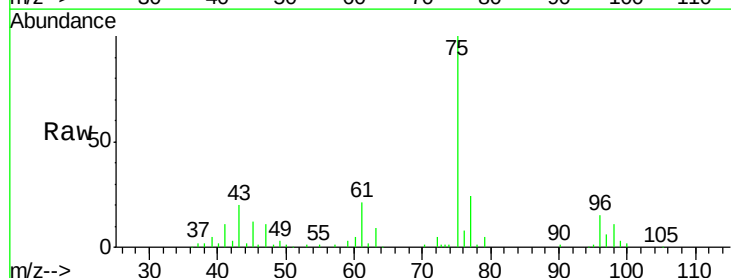
Acq: 12 Sep 2019 15:39

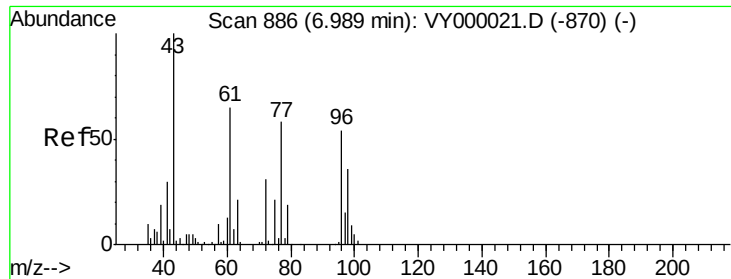
Tgt Ion: 77 Resp: 12027

Ion Ratio Lower Upper

77 100

97 17.4 12.0 36.1





#27

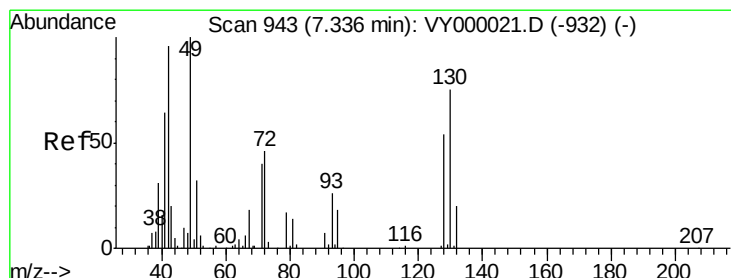
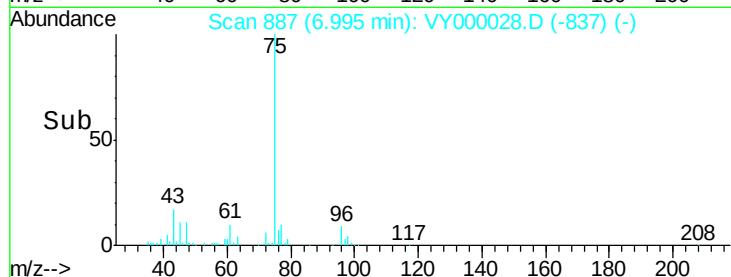
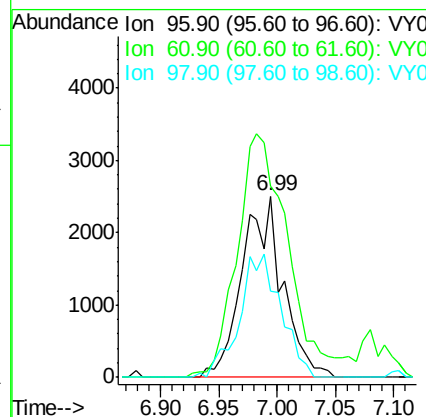
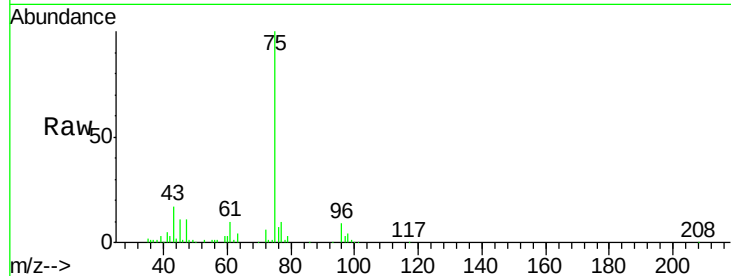
cis-1,2-Dichloroethene
Concen: 3.491 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.7	0.0	259.2
98	69.5	0.0	127.4

Manual Integrations
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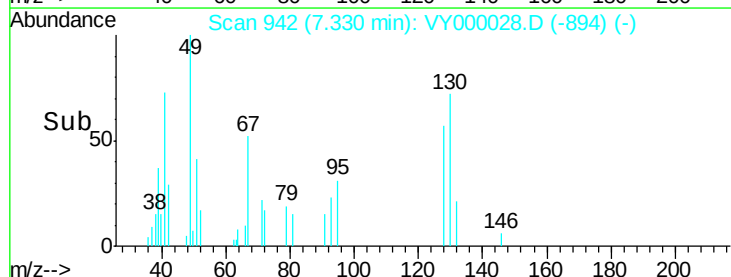
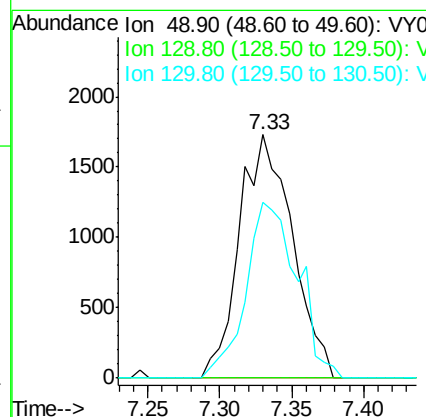
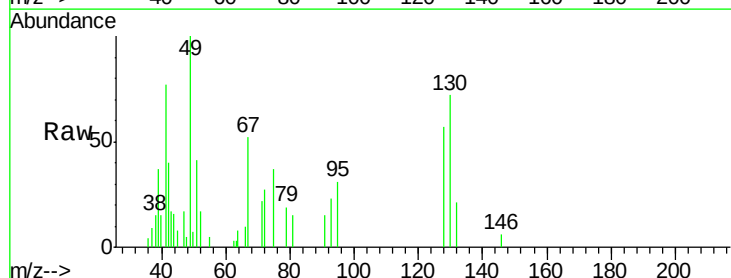
MMDadoda
9/13/2019 11:53:58 PM

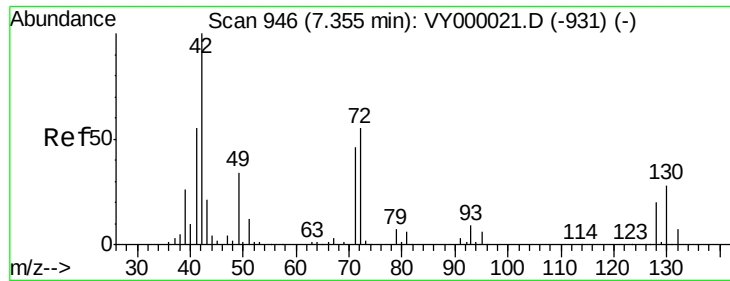


#28

Bromochloromethane
Concen: 3.802 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.8
130	70.2	62.5	93.7





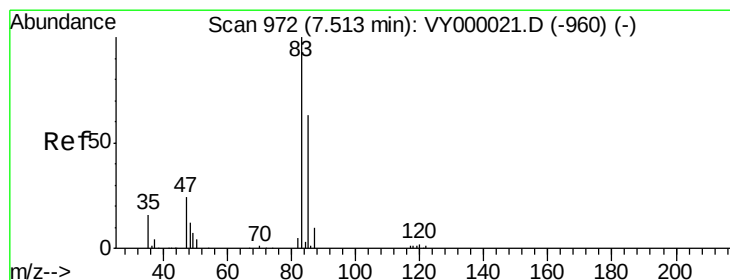
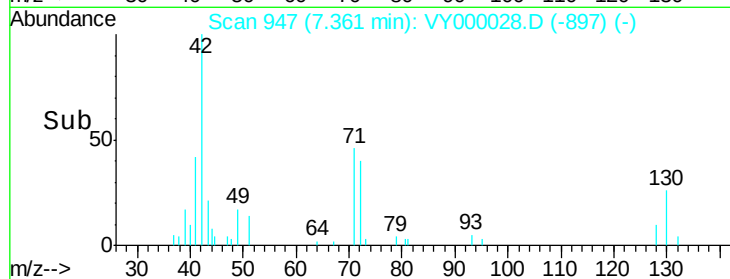
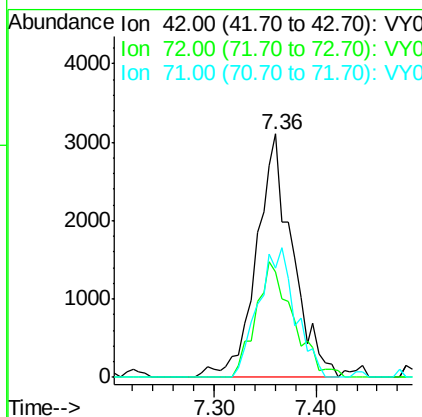
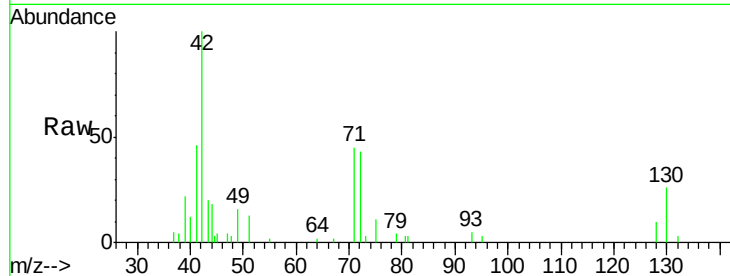
#29
Tetrahydrofuran
Concen: 19.432 ug/l
RT: 7.36 min Scan# 947
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	41.1	61.7
71	54.7	36.5	54.7

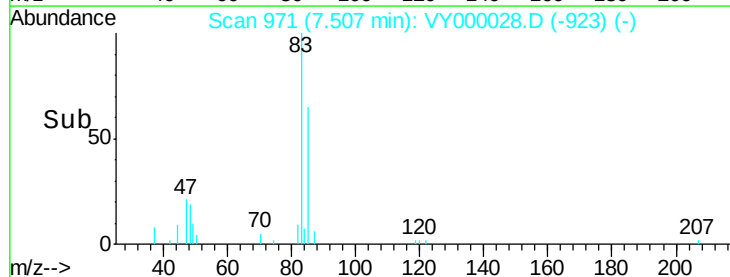
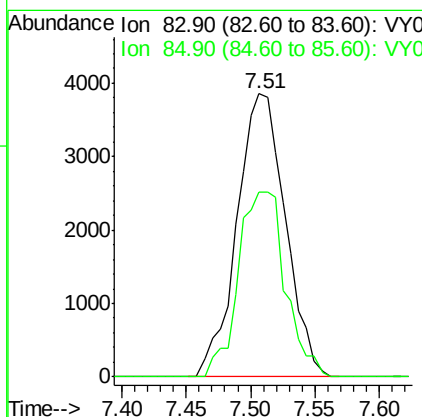
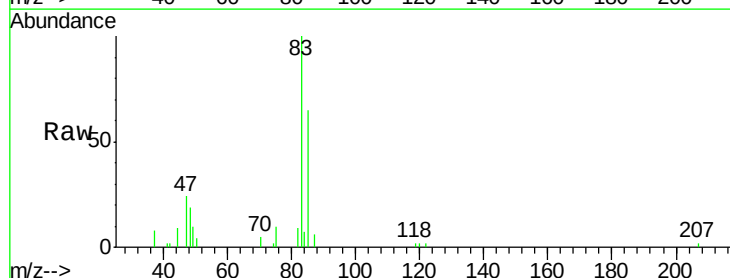
Manual Integrations
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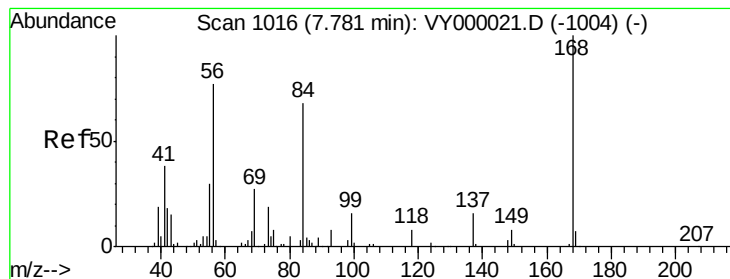
MMDadoda
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#30
Chloroform
Concen: 3.836 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.6	76.0





#31

Cyclohexane

Concen: 5.078 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion: 56 Resp: 10744

Ion Ratio Lower Upper

56 100

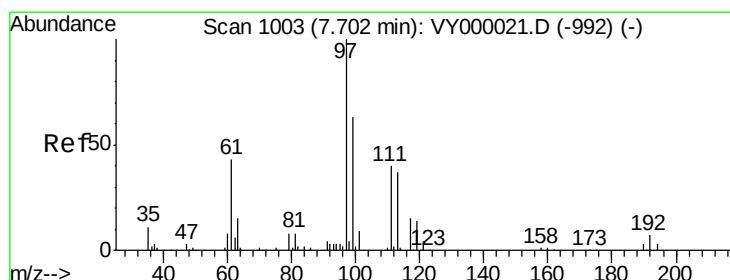
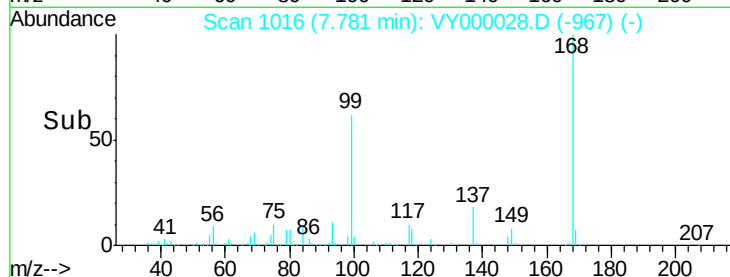
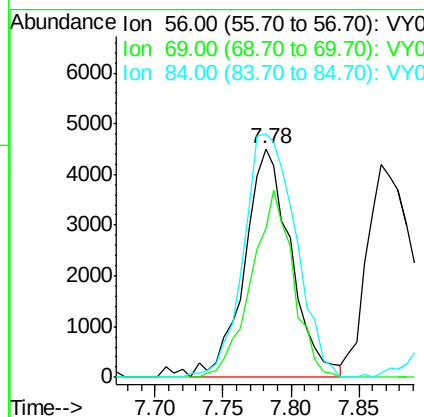
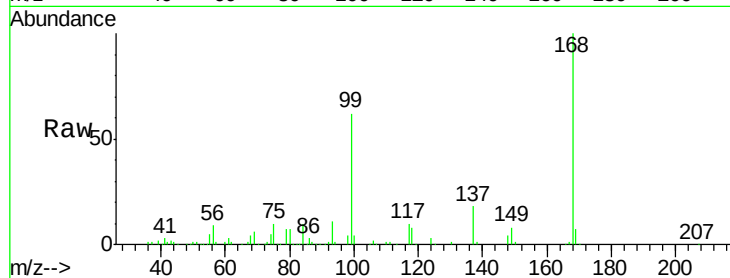
69 65.2 28.0 42.0#

84 106.4 70.4 105.6#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 3.660 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

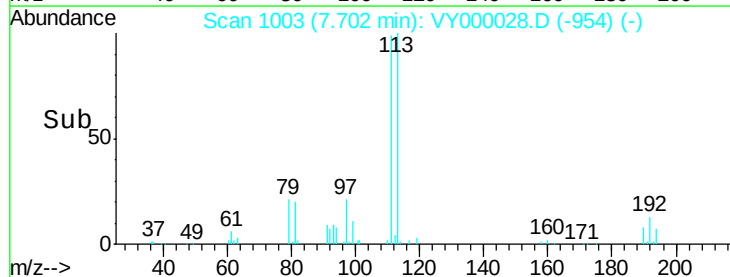
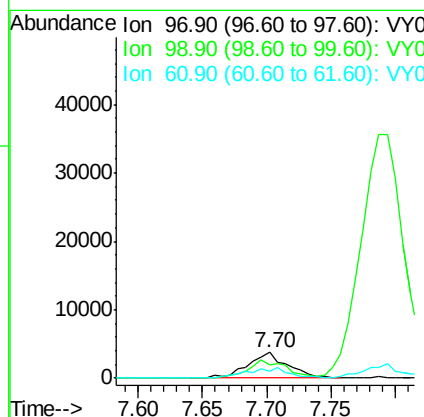
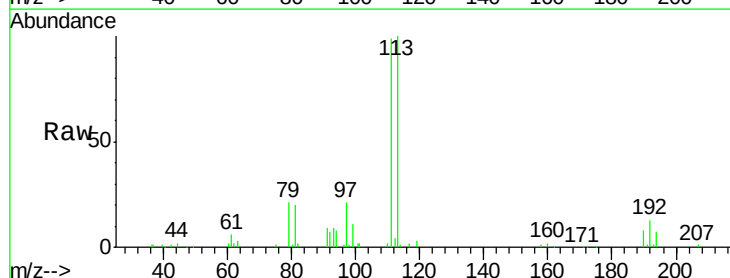
Tgt Ion: 97 Resp: 7859

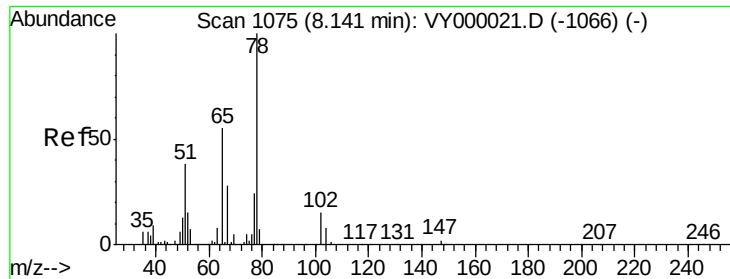
Ion Ratio Lower Upper

97 100

99 69.9 51.0 76.6

61 43.9 35.7 53.5





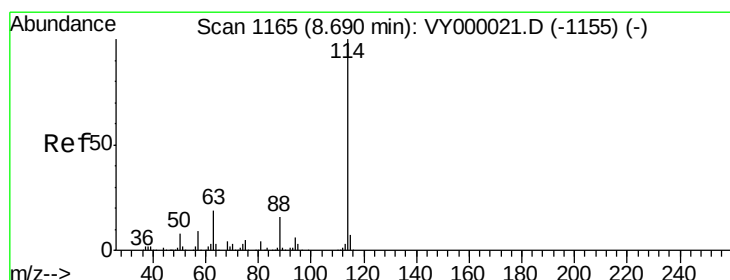
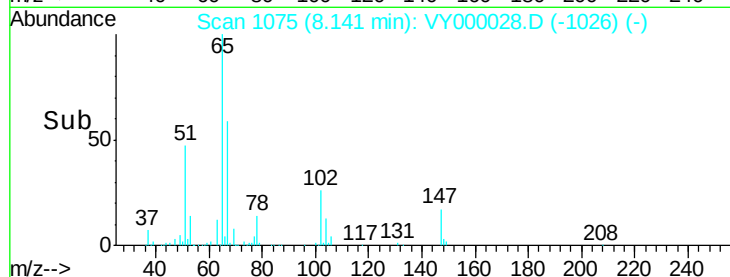
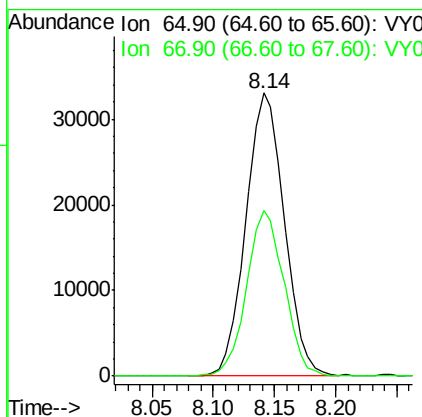
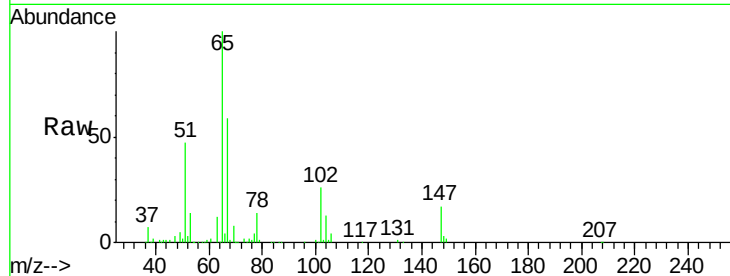
#33
 1,2-Dichloroethane-d4
 Concen: 49.591 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion	Ratio	Lower	Upper
65	100		
67	57.0	0.0	104.4

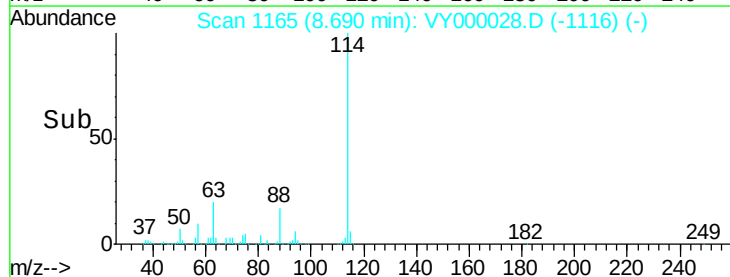
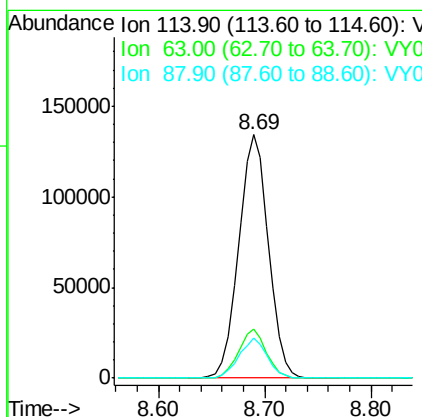
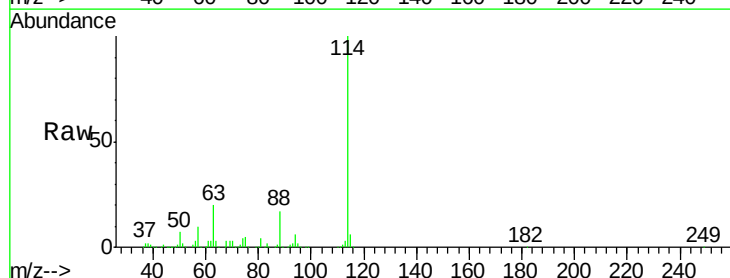
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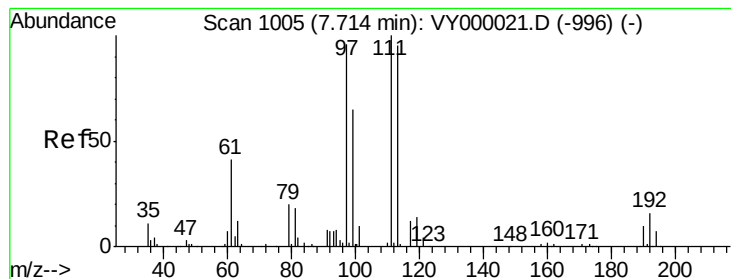
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	16.7	0.0	31.8





#35

Dibromofluoromethane

Concen: 47.072 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion:113 Resp: 70778

Ion Ratio Lower Upper

113 100

111 103.5 83.9 125.9

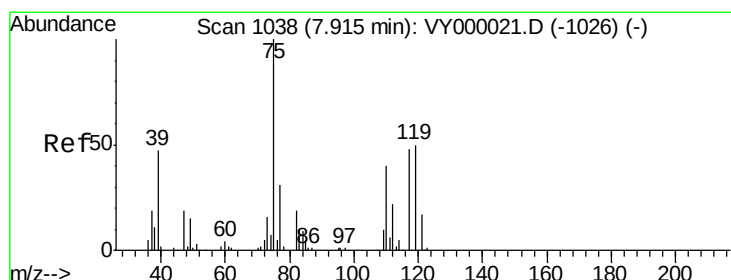
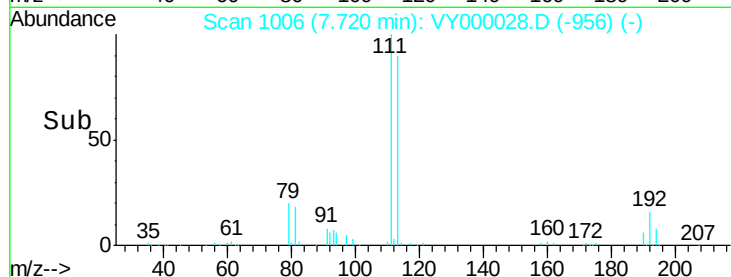
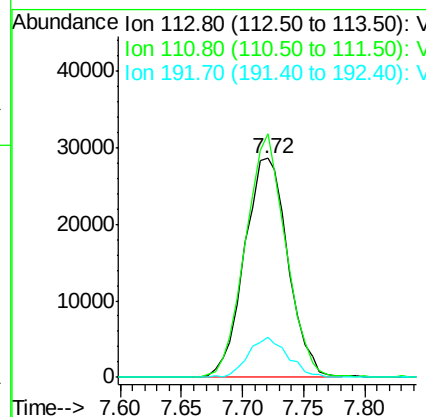
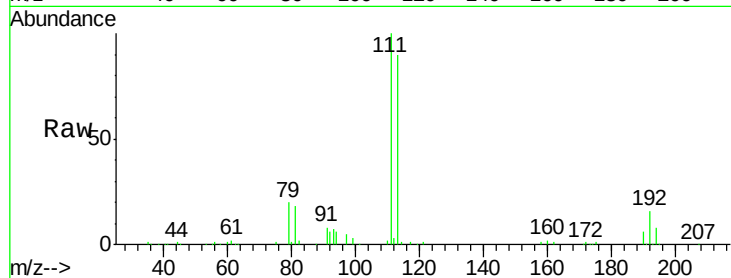
192 16.8 14.5 21.7

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 4.145 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

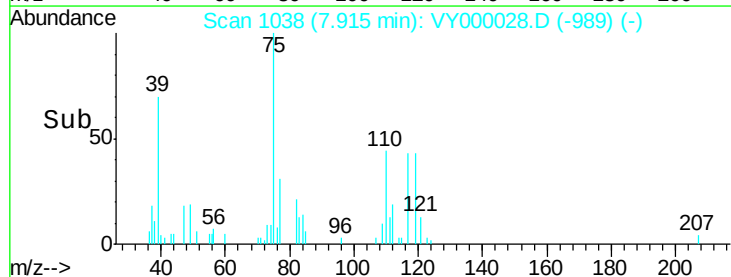
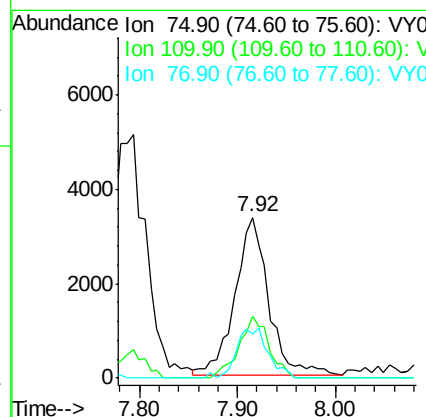
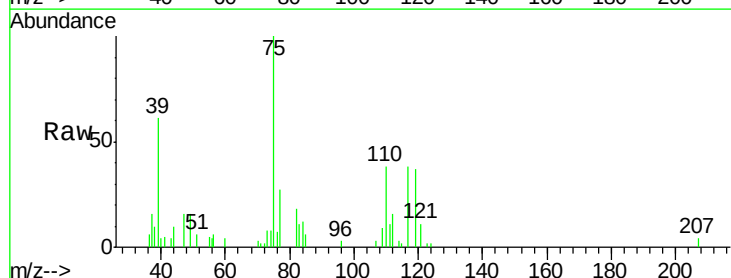
Tgt Ion: 75 Resp: 7977

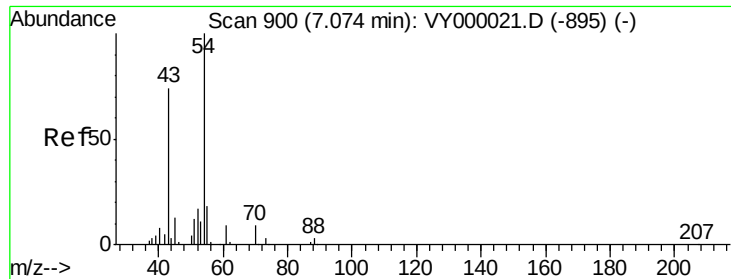
Ion Ratio Lower Upper

75 100

110 34.7 18.6 55.8

77 29.5 24.4 36.6





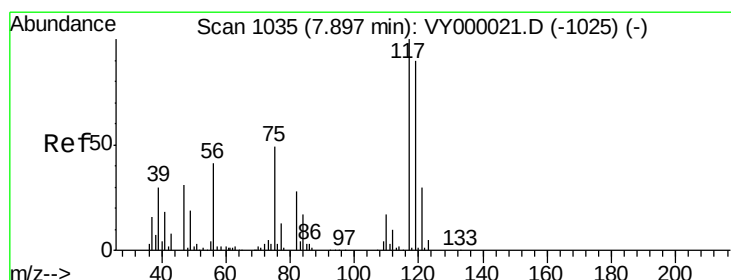
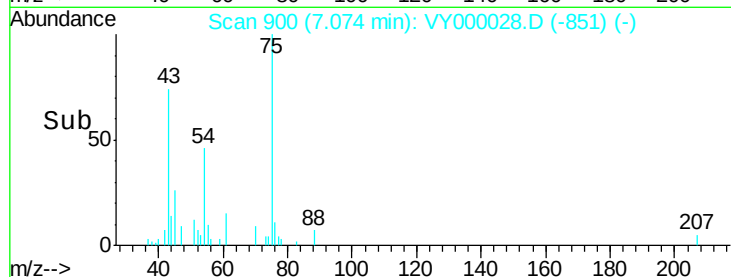
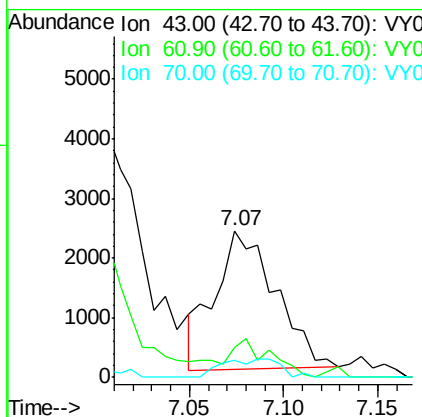
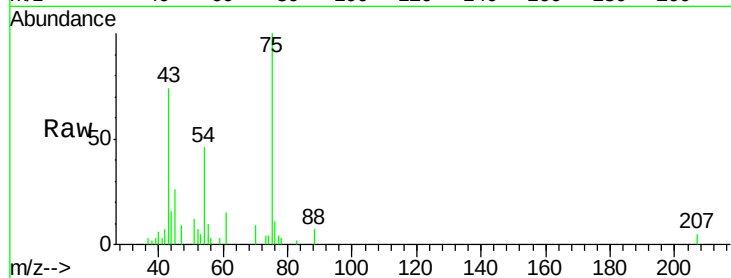
#37
Ethyl Acetate
Concen: 3.992 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.1	19.7
70	12.9	10.9	16.3

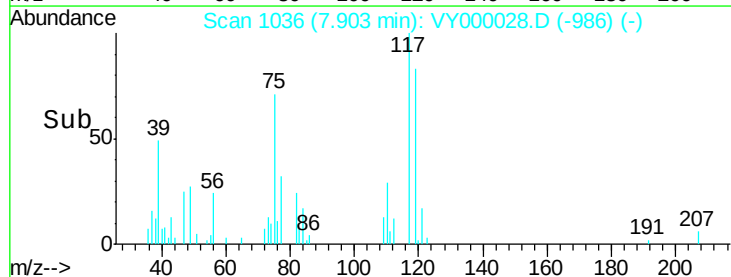
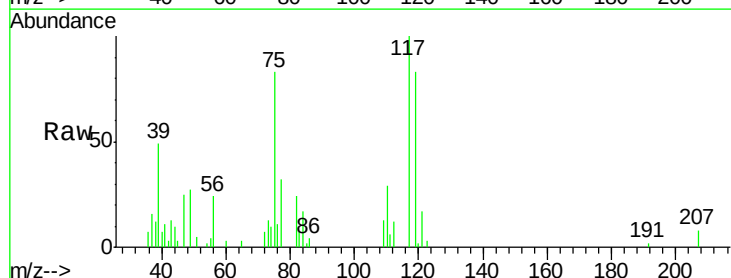
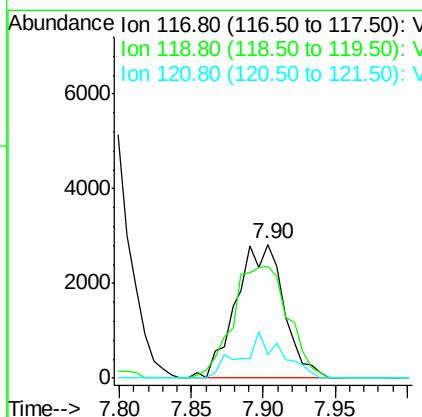
Manual Integrations
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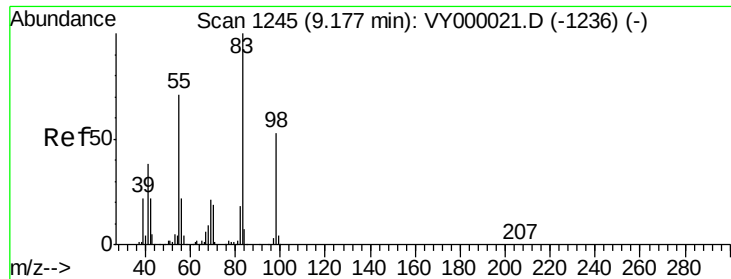
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#38
Carbon Tetrachloride
Concen: 3.584 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.0	72.1	108.1
121	17.3	23.9	35.9





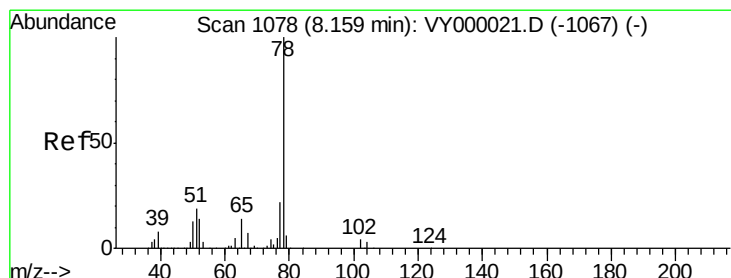
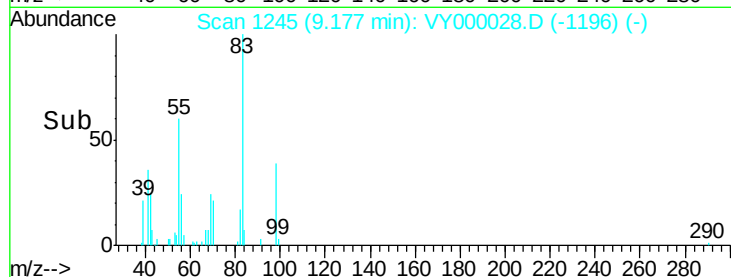
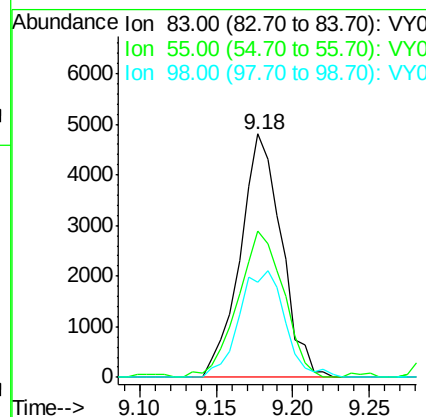
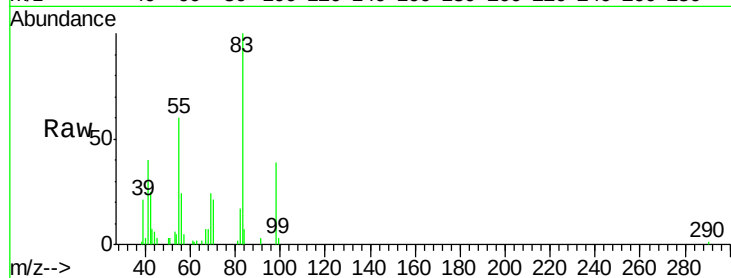
#39
Methylvlcyclohexane
Concen: 3.795 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	83	Resp	9023
Ion	Ratio	Lower	Upper
83	100		
55	59.8	57.0	85.4
98	39.3	42.0	63.0#

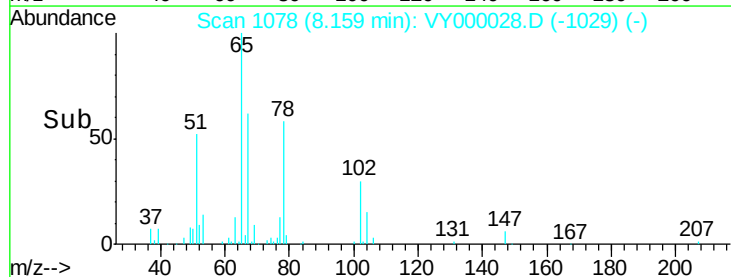
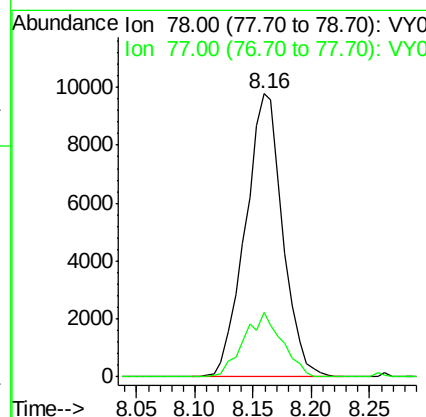
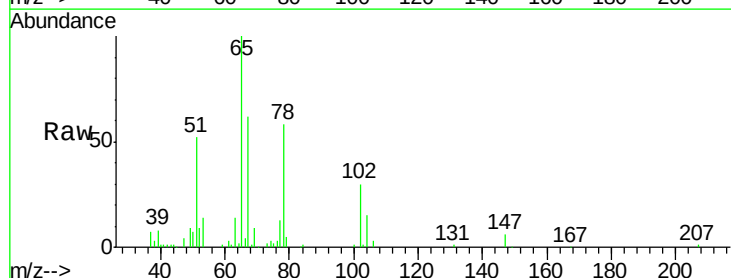
Manual Integrations
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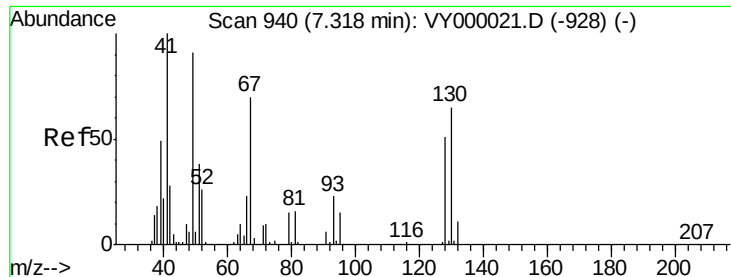
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#40
Benzene
Concen: 3.472 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	78	Resp	21753
Ion	Ratio	Lower	Upper
78	100		
77	22.8	17.8	26.6





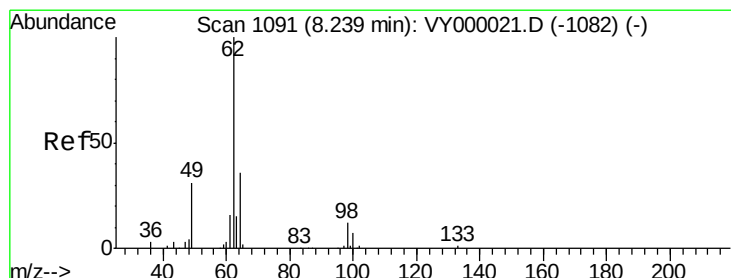
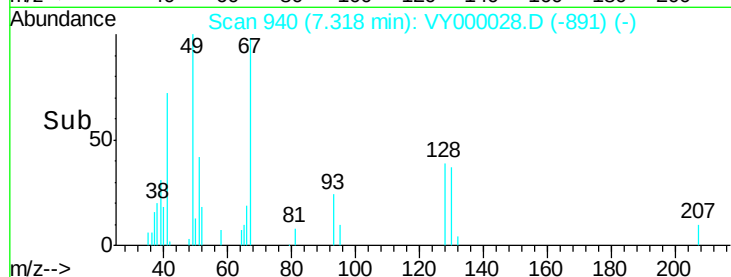
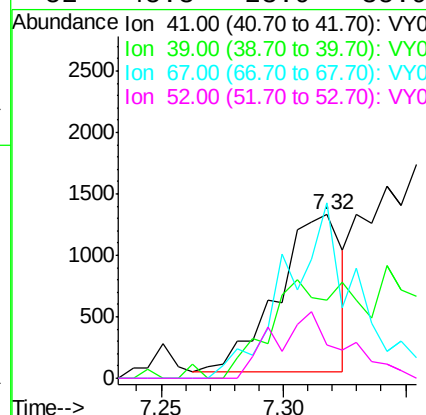
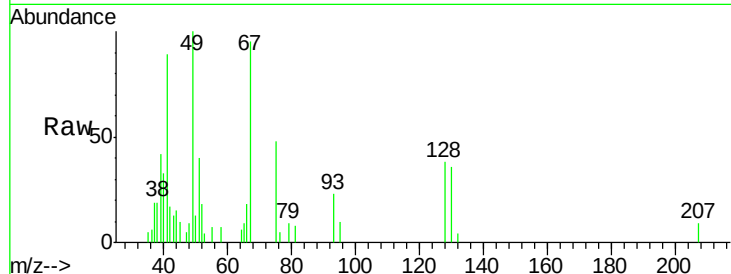
#41
Methacrylonitrile
Concen: 3.097 ug/l
RT: 7.32 min Scan# 940
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	41	Resp	2338
Ion Ratio	Lower	Upper	
41	100		
39	55.2	41.8	62.6
67	124.5	65.8	98.6#
52	45.3	23.9	35.9#

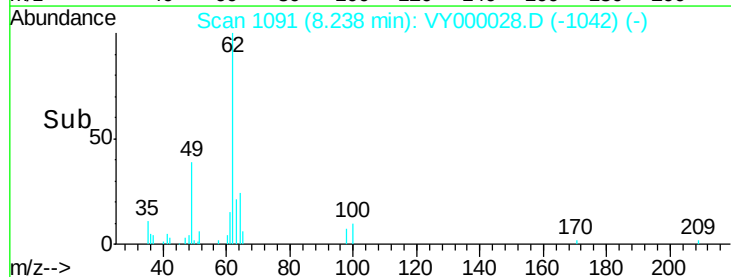
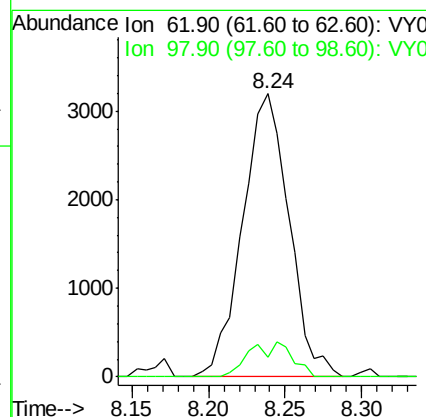
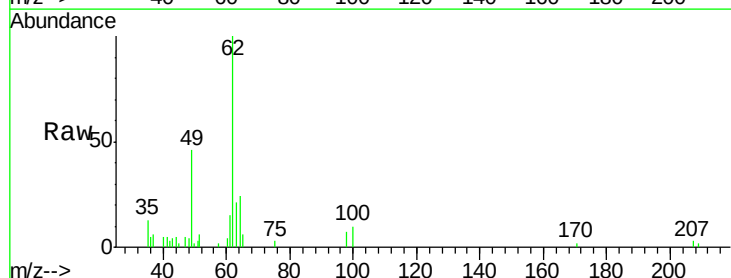
Manual Integrations
APPROVED

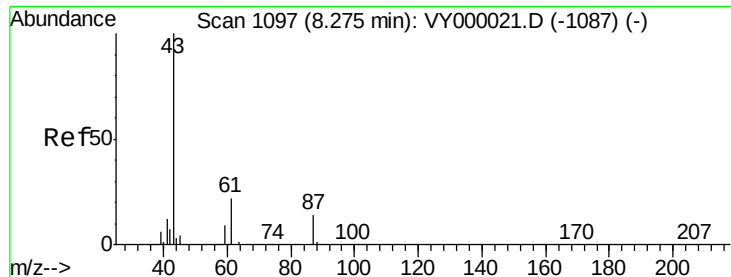
MMDadoda
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#42
1,2-Dichloroethane
Concen: 4.222 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	62	Resp	6759
Ion Ratio	Lower	Upper	
62	100		
98	5.8	0.0	23.2





#43

Isopropyl Acetate

Concen: 4.141 ug/l

RT: 8.28 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

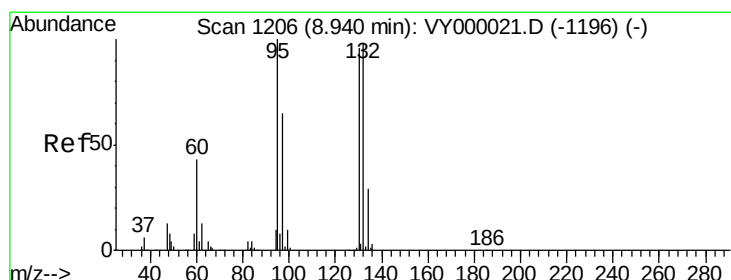
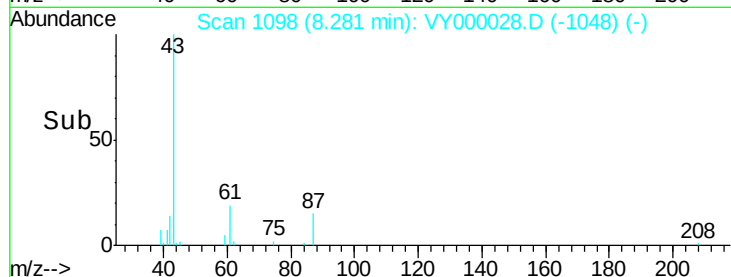
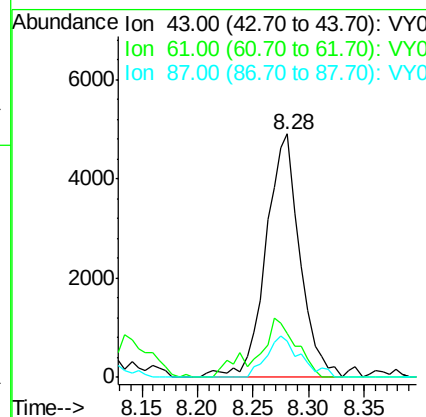
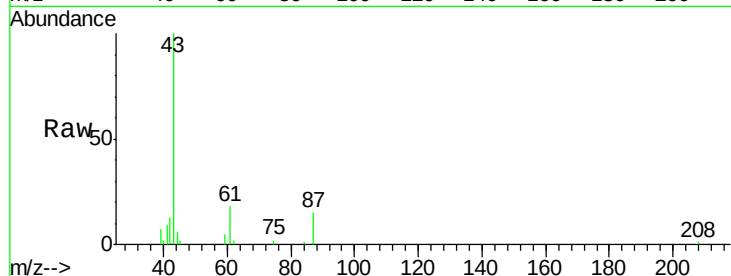
ClientSampleId :

MDL1

Tot Ion:	43	Resp:	10412
Ion	Ratio	Lower	Upper
43	100		
61	22.6	24.9	37.3#
87	17.1	12.3	18.5

Manual Integrations
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9/13/2019 11:53:58 PM



#44

Trichloroethene

Concen: 3.646 ug/l

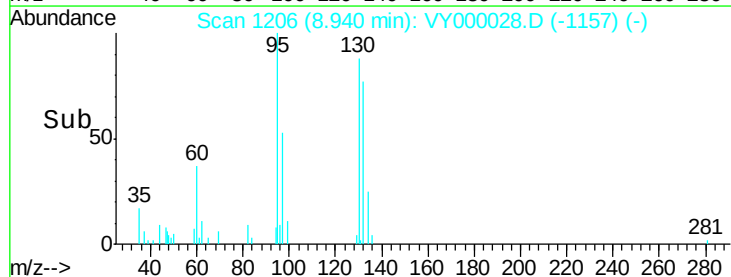
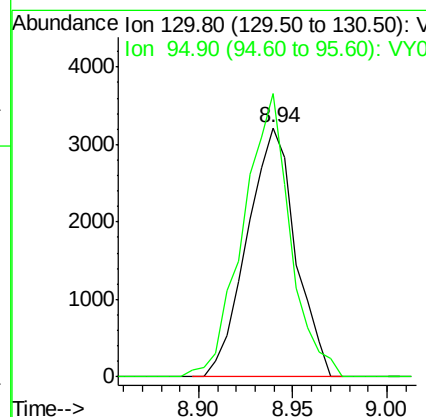
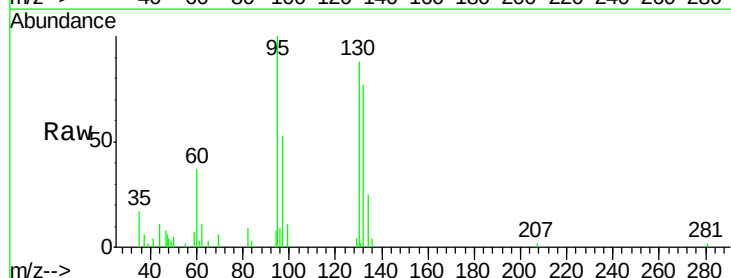
RT: 8.94 min Scan# 1206

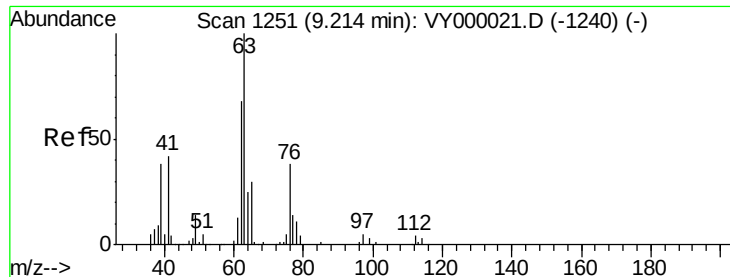
Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	130	Resp:	5704
Ion	Ratio	Lower	Upper
130	100		
95	113.7	0.0	207.4





#45

1,2-Dichloropropane

Concen: 3.791 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 63 Resp: 6125

Ion Ratio Lower Upper

63 100

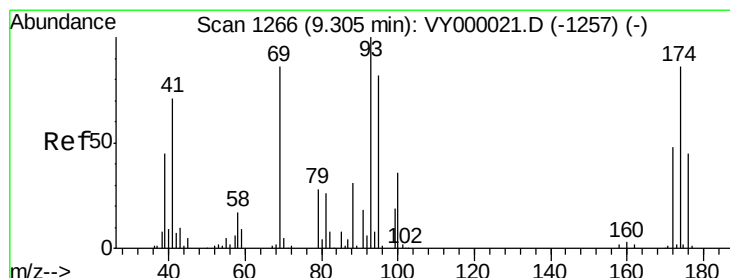
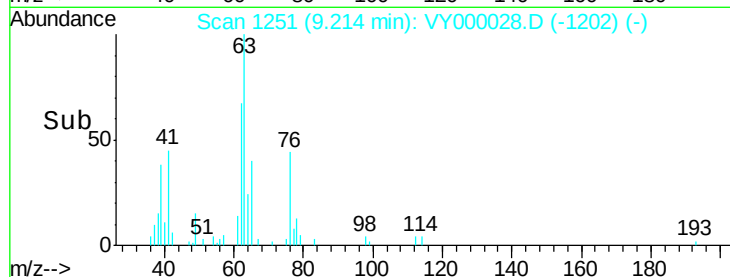
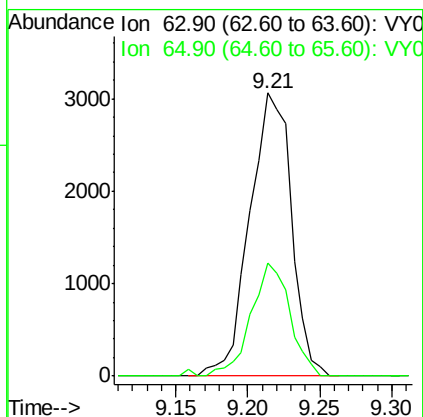
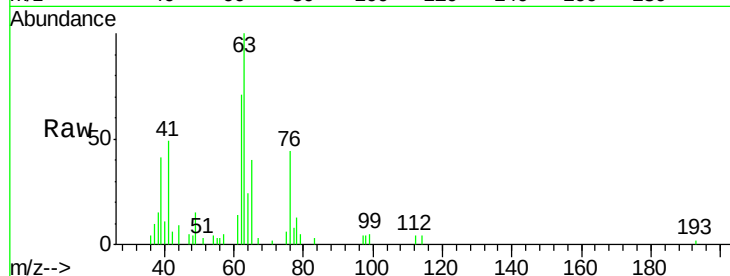
65 40.2 24.1 36.1#

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 3.606 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

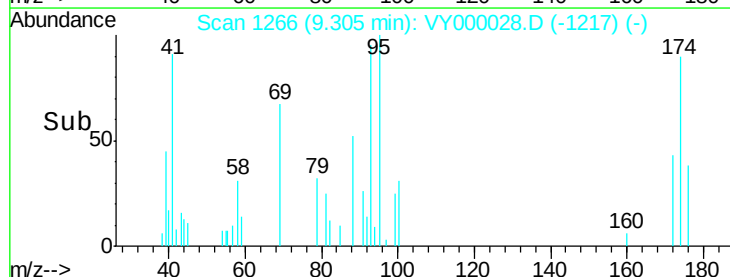
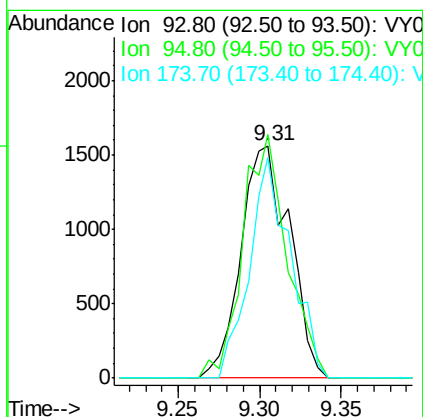
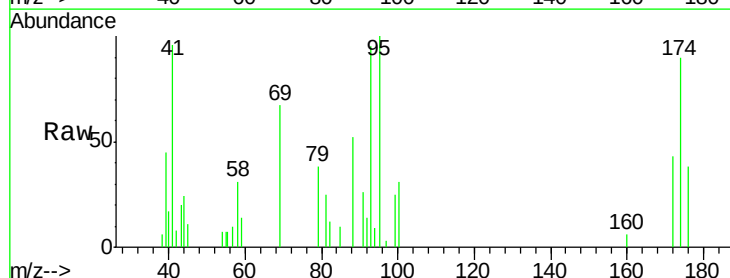
Tgt Ion: 93 Resp: 3233

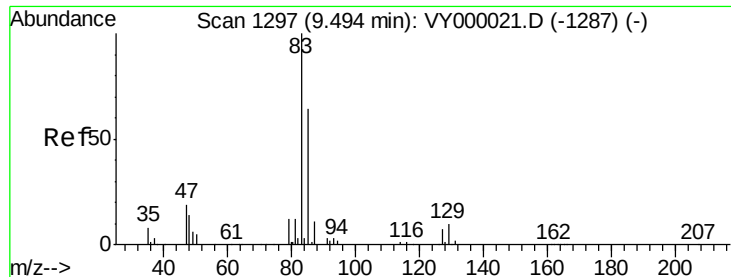
Ion Ratio Lower Upper

93 100

95 95.7 67.0 100.6

174 80.6 68.8 103.2





#47

Bromodichloromethane

Concen: 3.788 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

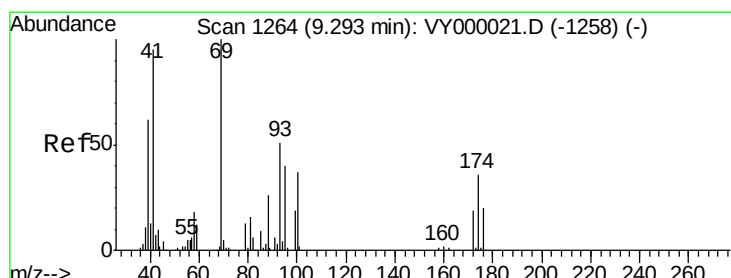
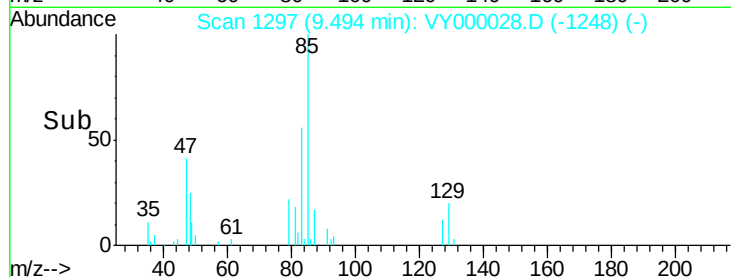
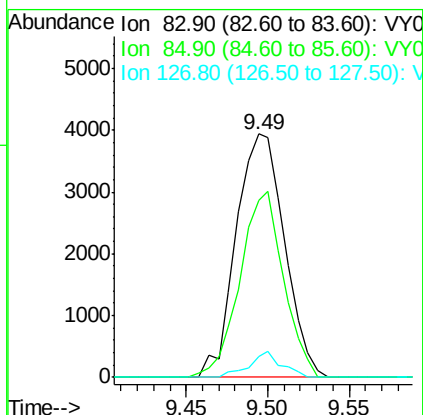
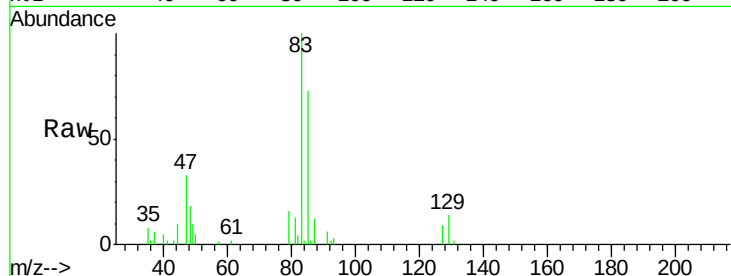
ClientSampled :

MDL1

Tot Ion:	83	Resp:	8107
Ion Ratio	Lower	Upper	
83	100		
85	72.7	51.4	77.2
127	8.6	5.4	8.2#

Manual Integrations
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#48

Methyl methacrylate

Concen: 3.789 ug/l

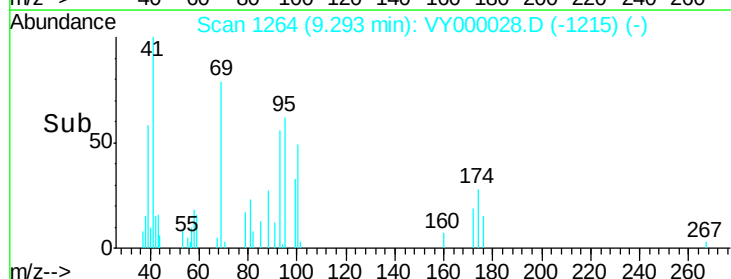
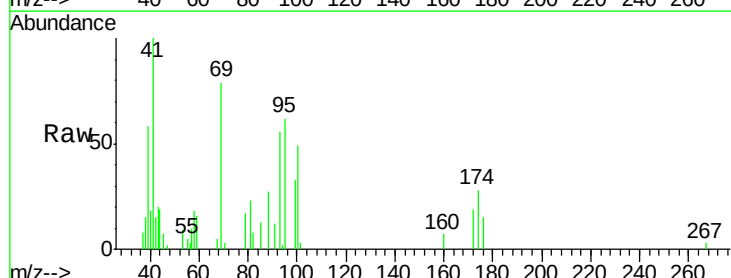
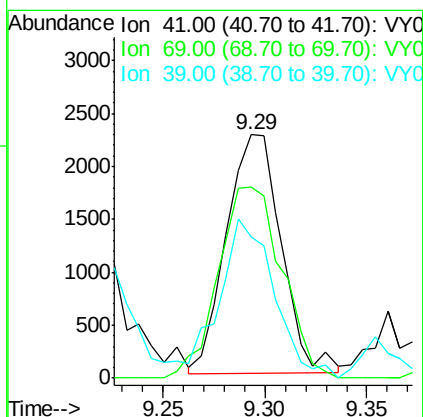
RT: 9.29 min Scan# 1264

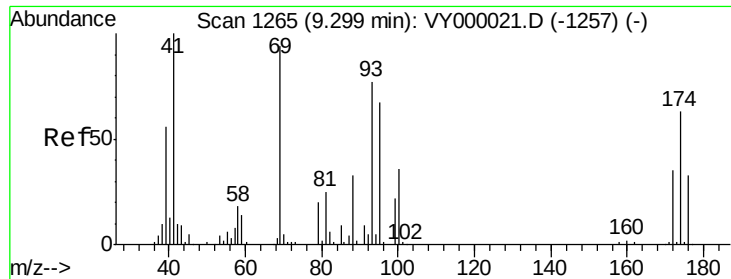
Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	41	Resp:	4204
Ion Ratio	Lower	Upper	
41	100		
69	92.9	79.7	119.5
39	68.5	48.6	72.8





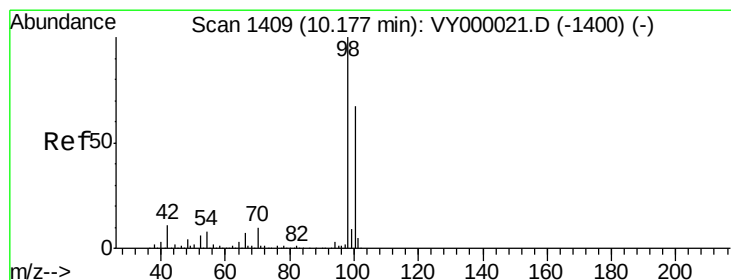
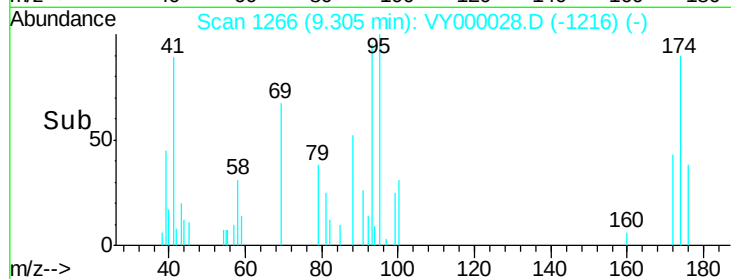
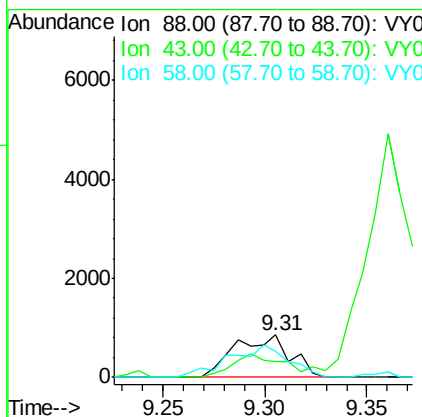
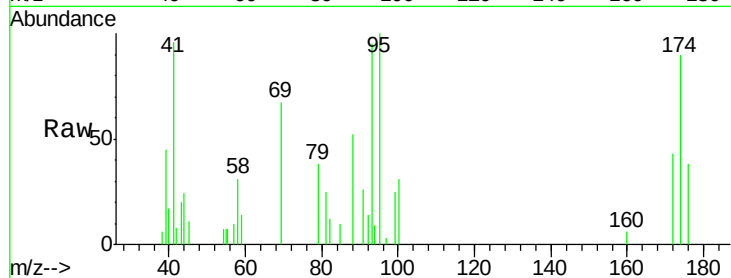
#49
1,4-Dioxane
Concen: 85.322 ug/l
RT: 9.31 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
88	100		
43	49.9	24.6	37.0#
58	83.0	52.7	79.1#

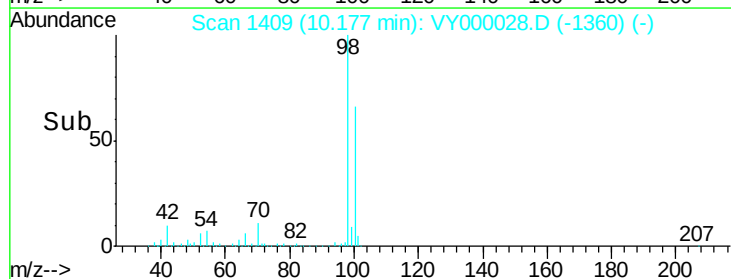
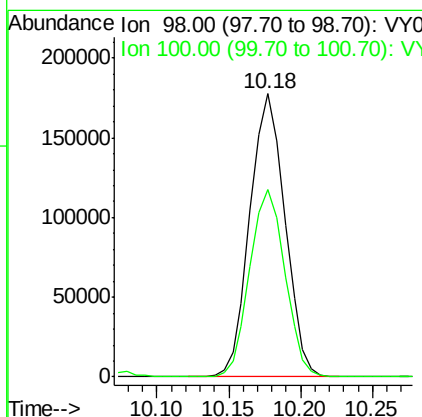
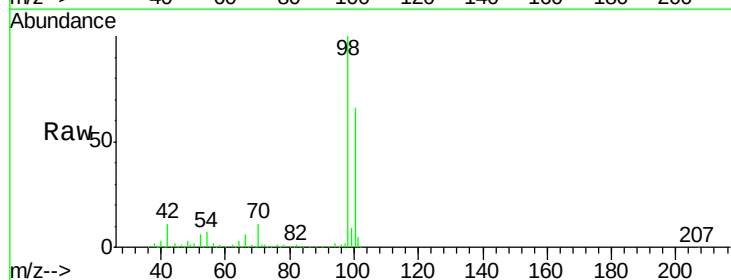
Manual Integrations
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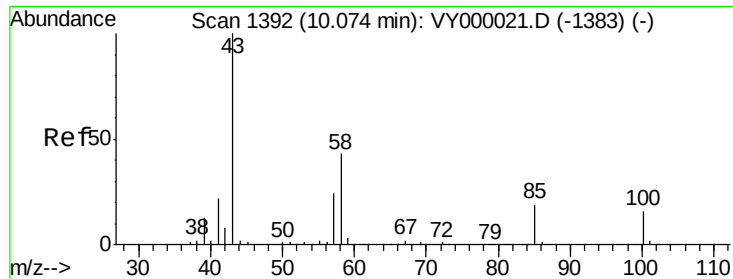
MMDadoda
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#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.0	81.0





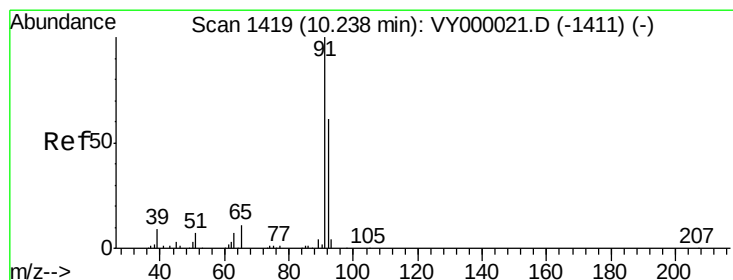
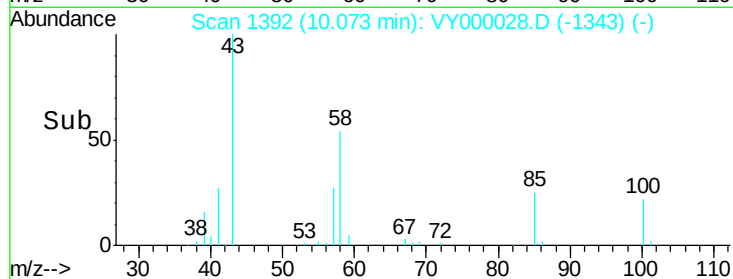
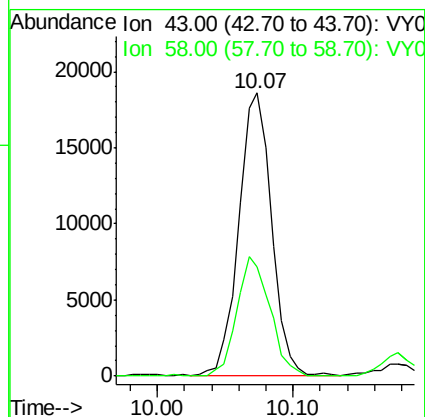
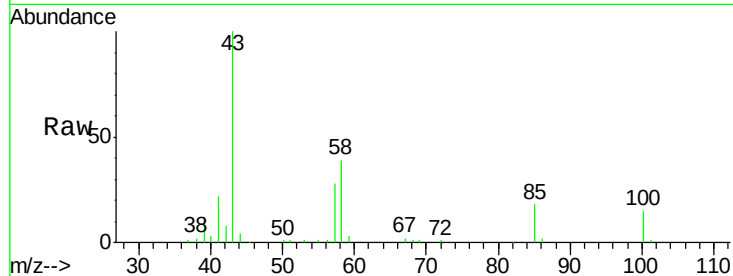
#51
4-Methyl-2-Pentanone
Concen: 22.275 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion: 43 Resp: 31386
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1

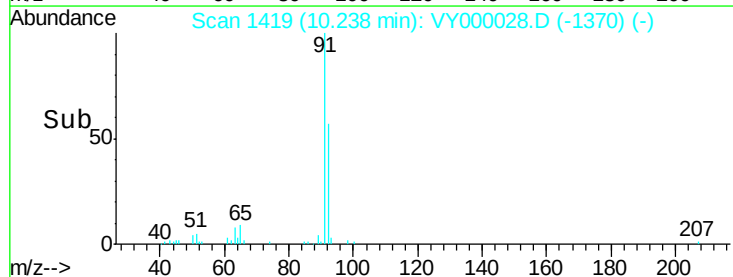
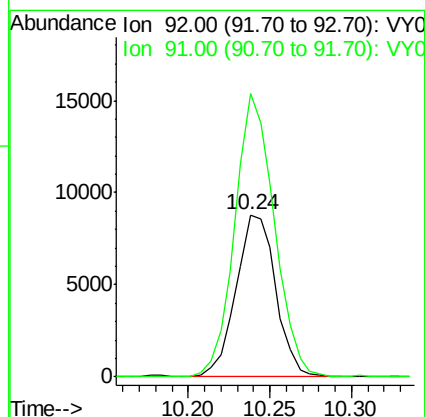
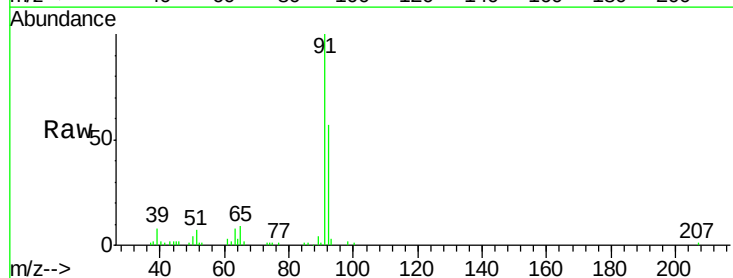
Manual Integrations
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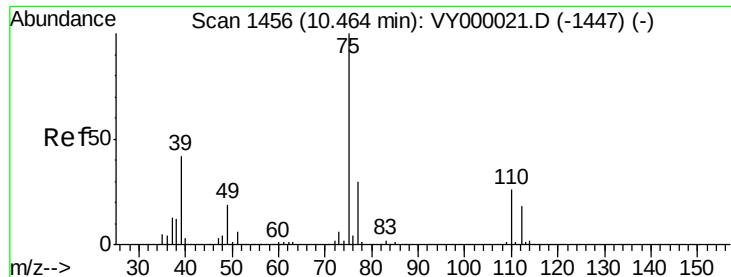
MMDadoda
9/13/2019 11:53:58 PM



#52
Toluene
Concen: 3.788 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion: 92 Resp: 14913
Ion Ratio Lower Upper
92 100
91 173.7 136.4 204.6





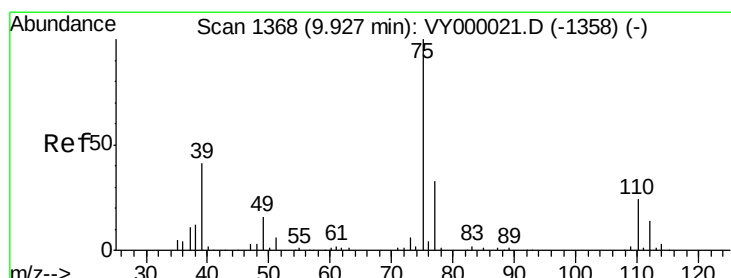
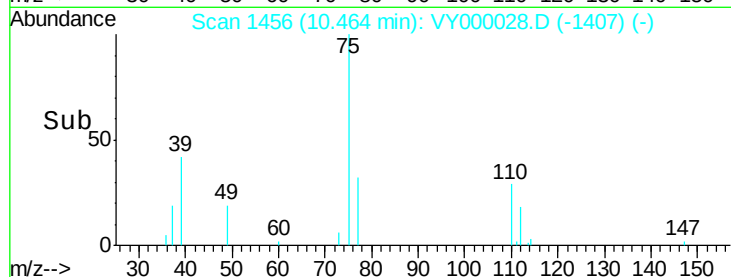
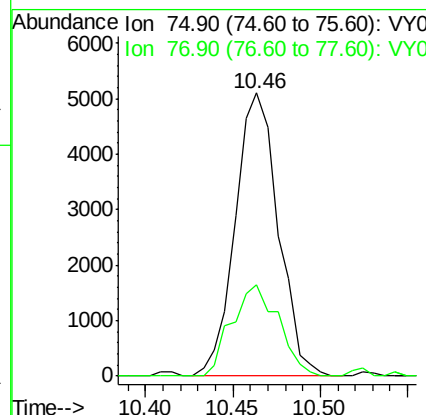
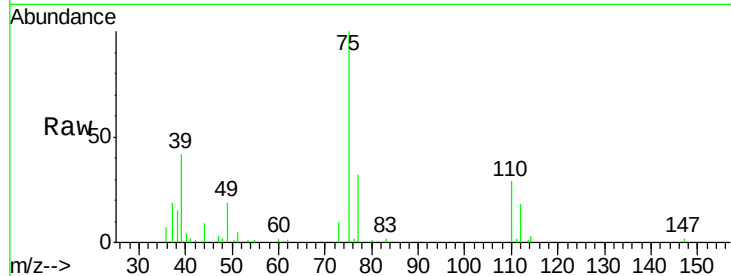
#53
 t-1,3-Dichloropropene
 Concen: 3.880 ug/l
 RT: 10.46 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion	75	Resp	8730
Ion Ratio	Lower	Upper	
75	100		
77	32.2	23.8	35.8

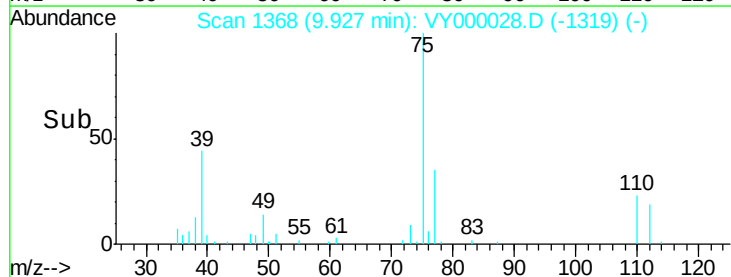
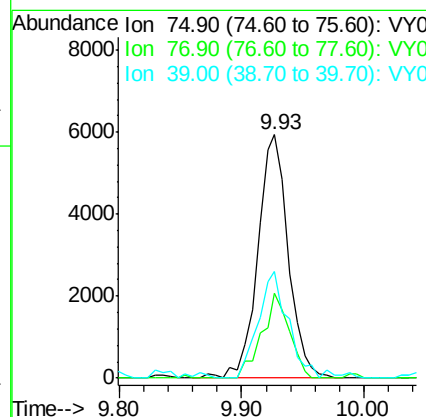
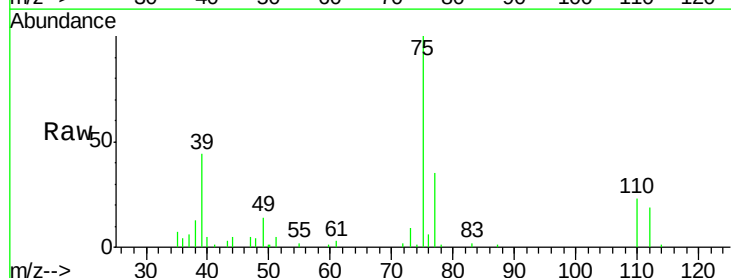
Manual Integrations
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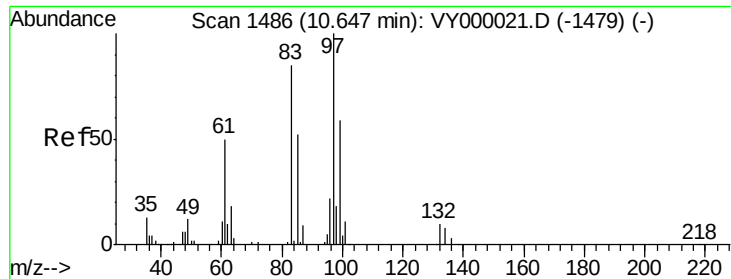
MMDadoda
 9/13/2019 11:53:58 PM



#54
 cis-1,3-Dichloropropene
 Concen: 3.927 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion	75	Resp	10282
Ion Ratio	Lower	Upper	
75	100		
77	34.6	26.3	39.5
39	43.0	32.9	49.3





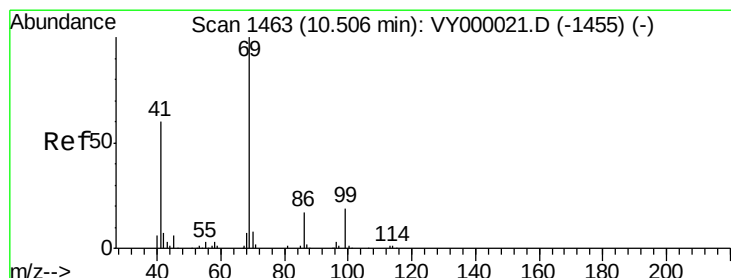
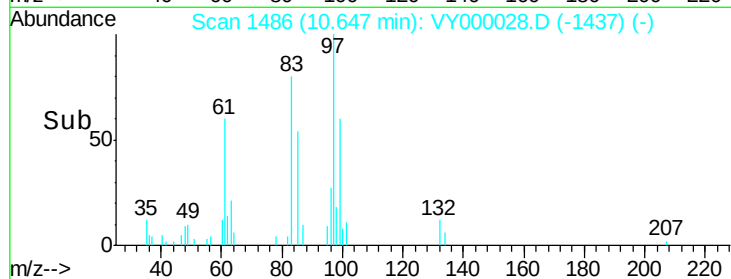
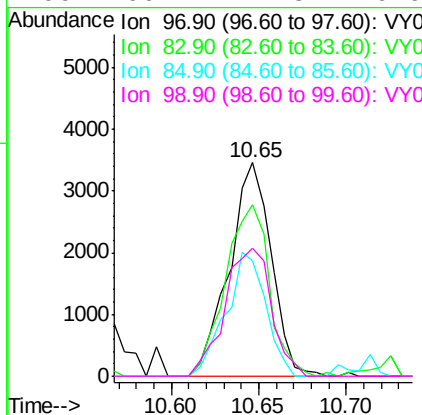
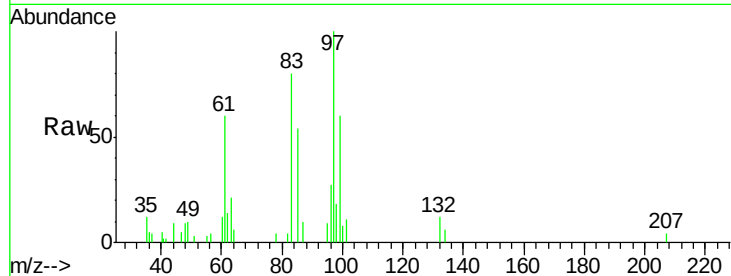
#55
 1,1,2-Trichloroethane
 Concen: 4.087 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion:	97	Resp:	5806
Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.2	102.2
85	53.8	41.7	62.5
99	60.1	47.3	70.9

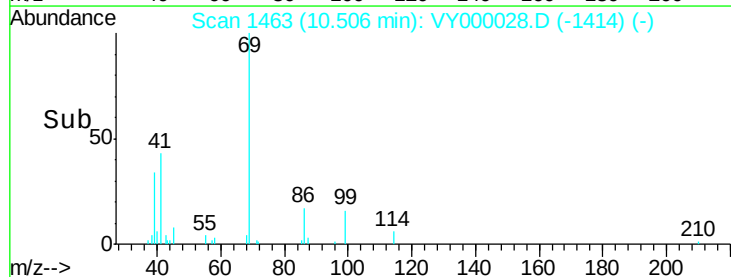
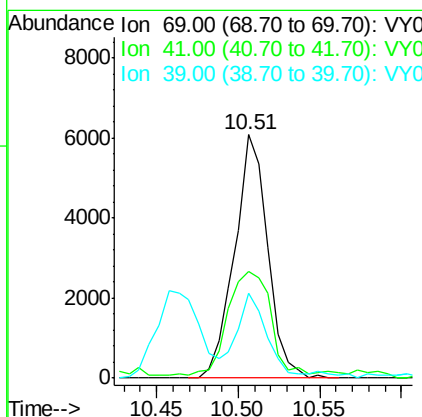
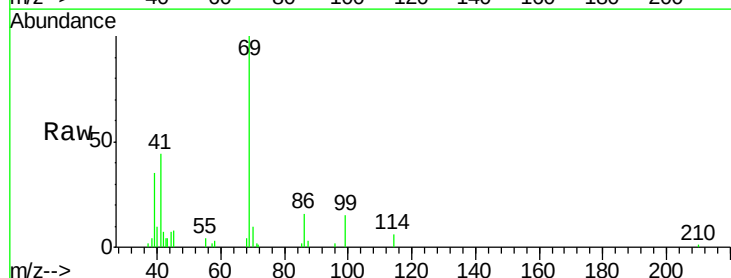
Manual Integrations
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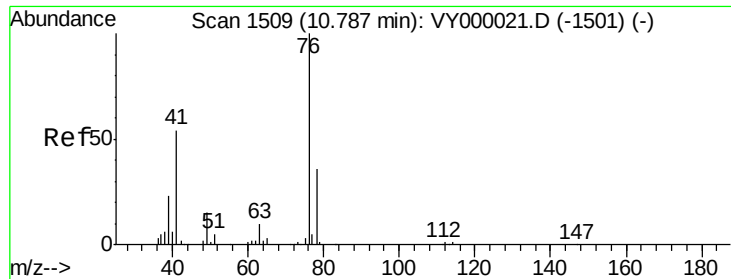
MMDadoda
 9/13/2019 11:53:58 PM



#56
 Ethyl methacrylate
 Concen: 4.318 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion:	69	Resp:	8609
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.0	70.4
39	29.6	26.4	39.6





#57

1,3-Dichloropropane

Concen: 4.012 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion: 76 Resp: 9115

Ion Ratio Lower Upper

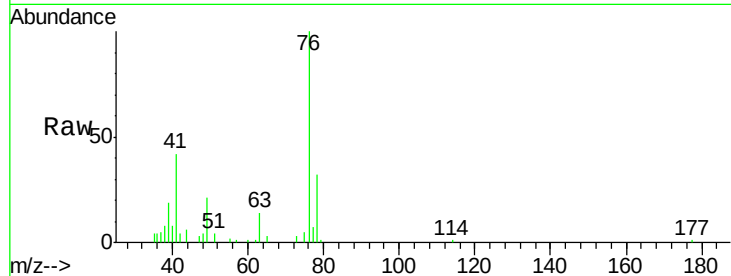
76 100

78 35.0 26.0 39.0

Manual Integrations
APPROVED

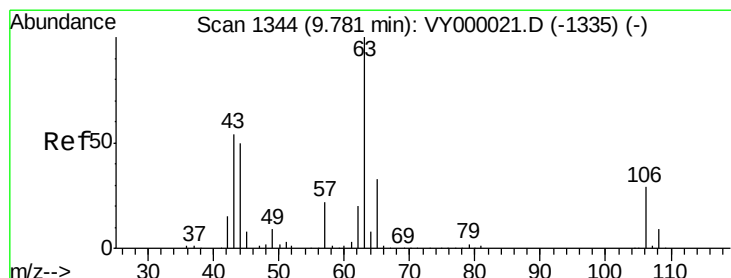
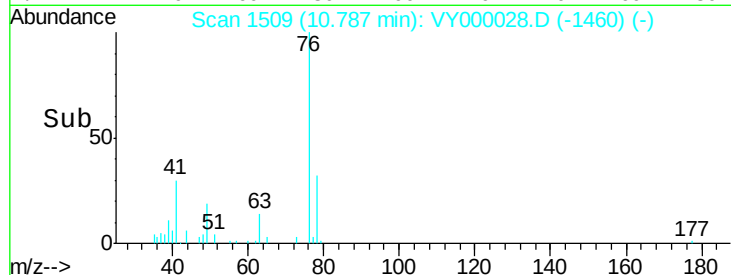
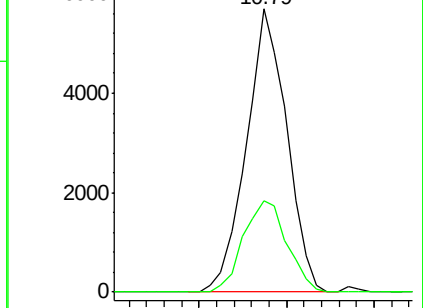
MMDadoda

9/13/2019 11:53:58 PM



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: 17.655 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000028.D

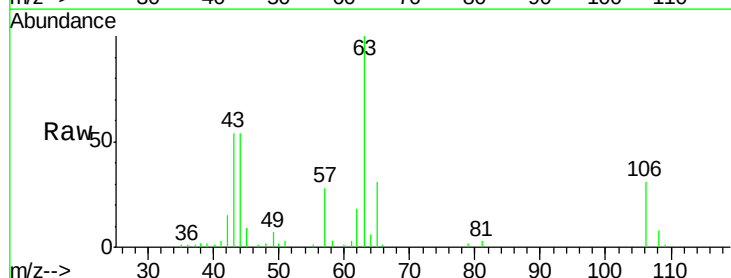
Acq: 12 Sep 2019 15:39

Tgt Ion: 63 Resp: 19283

Ion Ratio Lower Upper

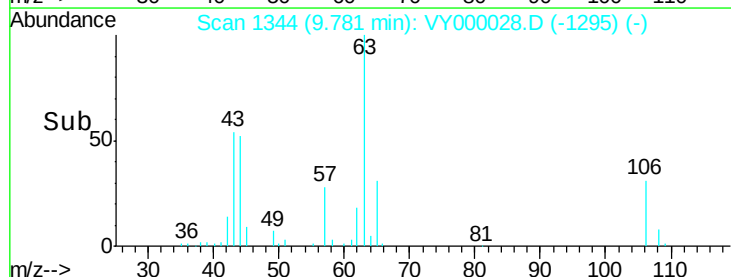
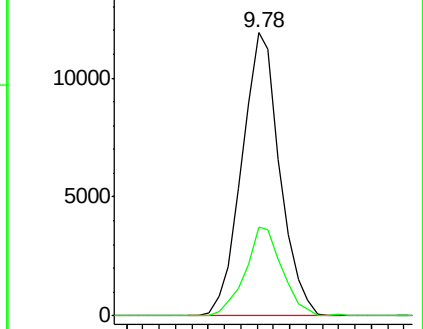
63 100

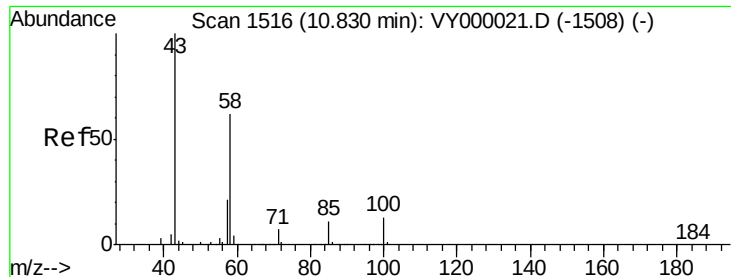
106 30.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





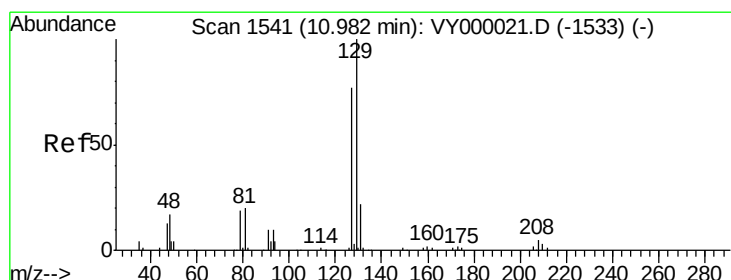
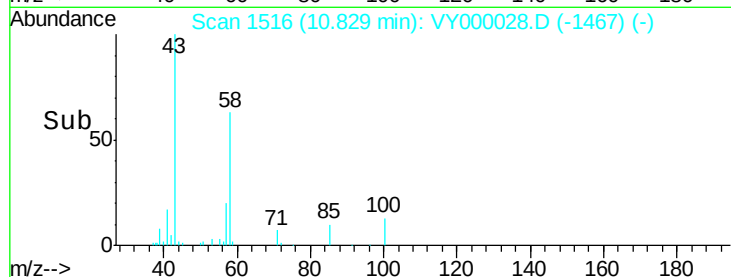
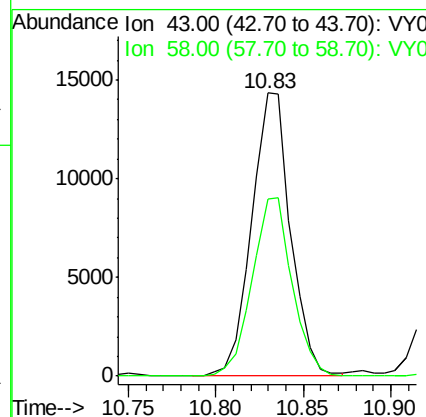
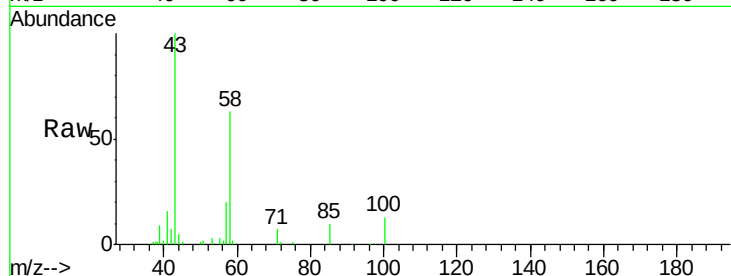
#59
2-Hexanone
Concen: 21.863 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	43	Resp	22199
Ion Ratio	Lower	Upper	
43	100		
58	64.8	30.3	90.8

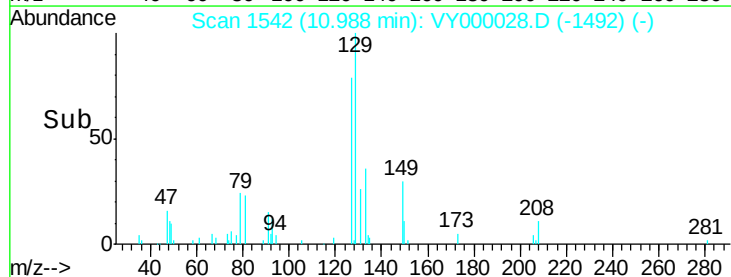
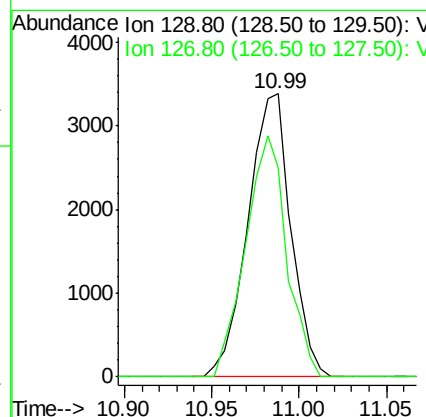
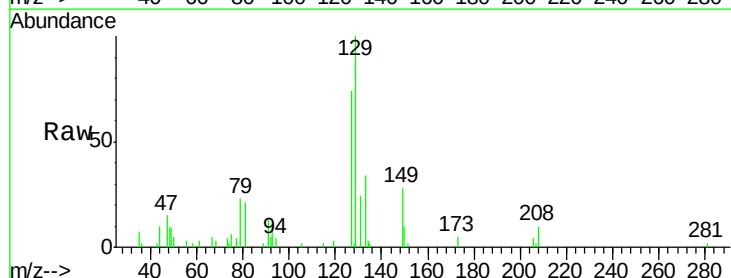
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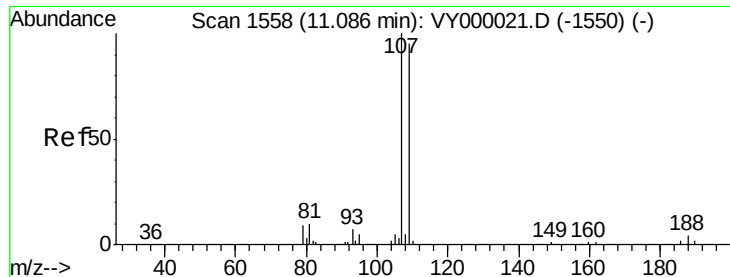
MMDadoda
9/13/2019 11:53:58 PM



#60
Dibromochloromethane
Concen: 3.863 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	129	Resp	5783
Ion Ratio	Lower	Upper	
129	100		
127	81.2	38.4	115.2





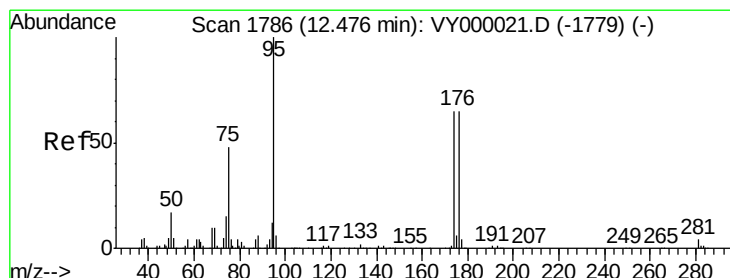
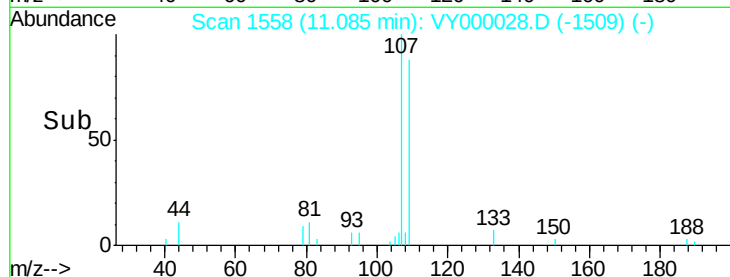
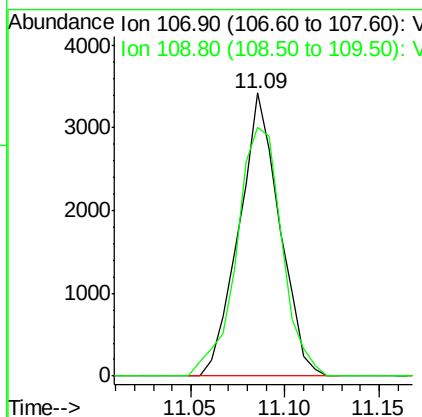
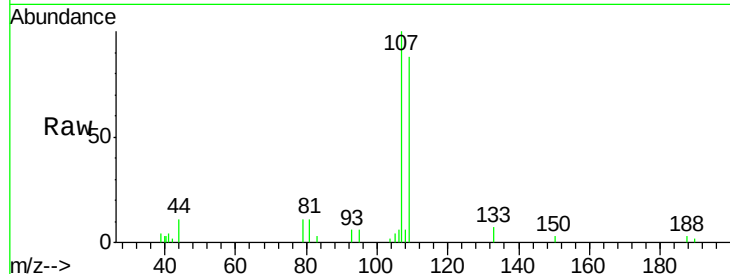
#61
 1,2-Dibromoethane
 Concen: 4.070 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Tot Ion	Ratio	Resp	Lower	Upper
107	100	5108		
109	98.1	76.7	115.1	

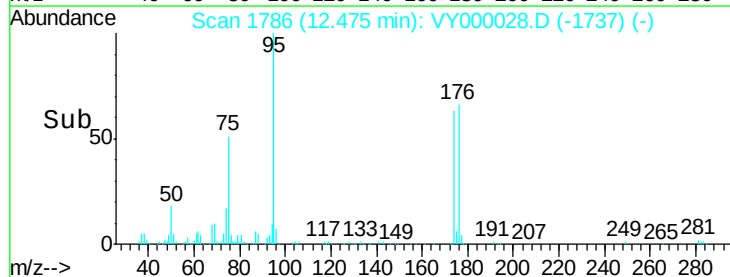
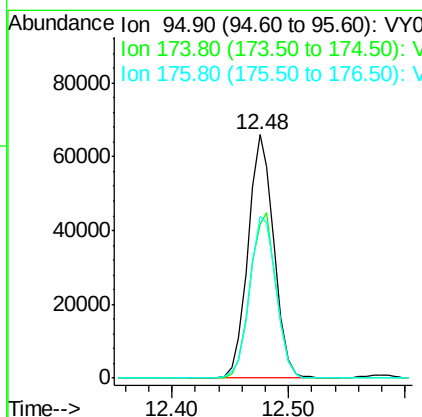
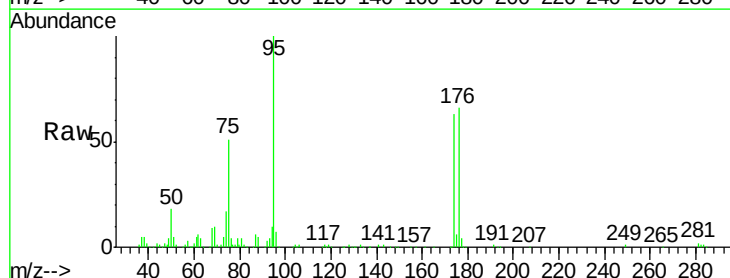
Manual Integrations
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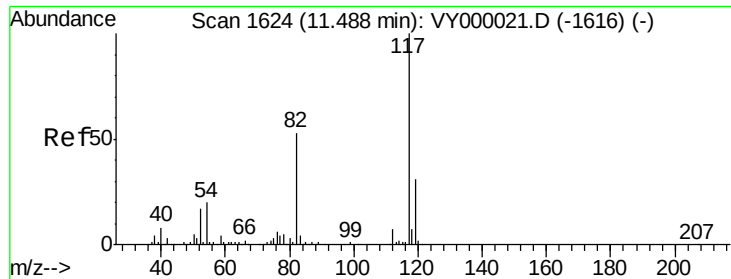
MMDadoda
 9/13/2019 11:53:58 PM



#62
 4-Bromofluorobenzene
 Concen: 45.992 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	101201		
174	68.8	0.0	137.6	
176	68.3	0.0	134.8	





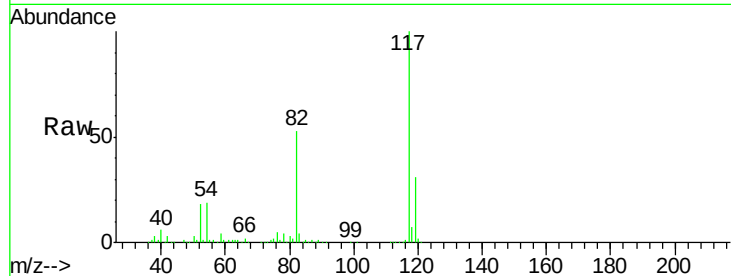
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

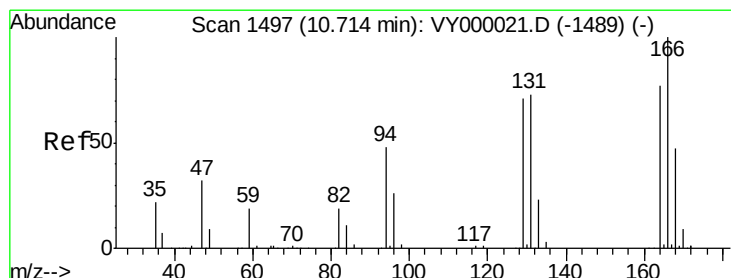
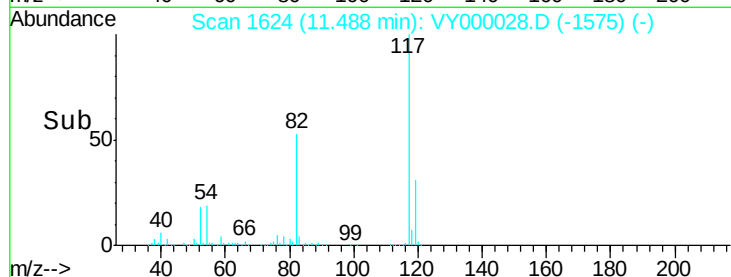
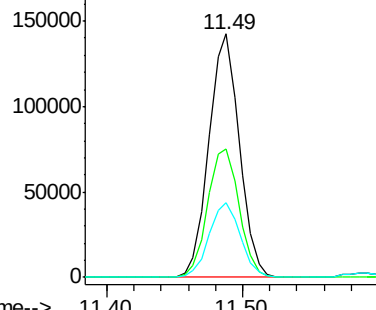
Tot Ion	Ratio	Resp	Lower	Upper
117	100	222946		
82	52.7		42.5	63.7
119	30.7		25.1	37.7

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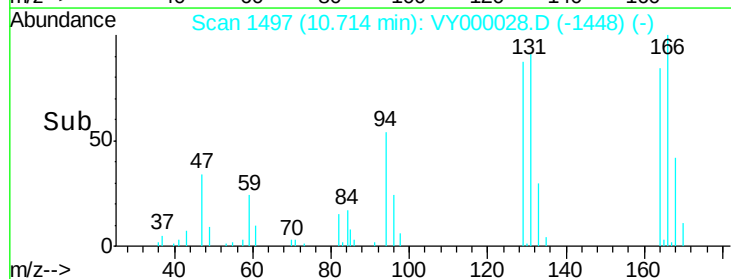
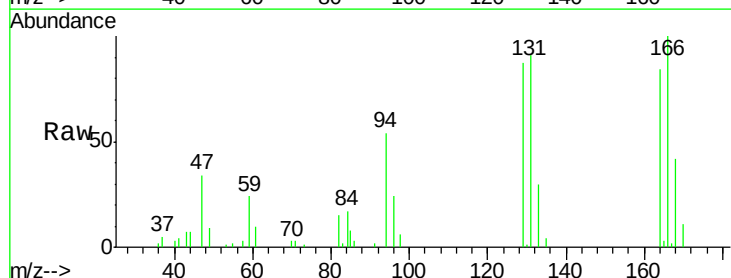
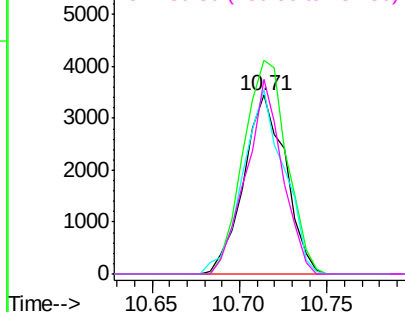
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

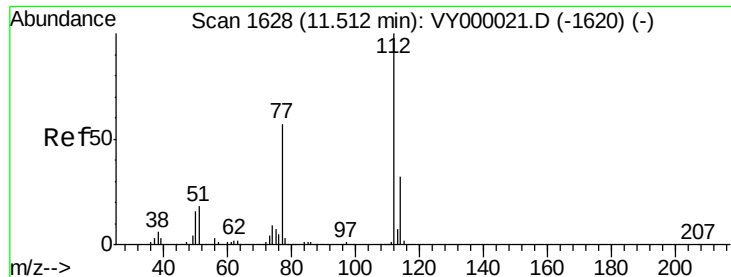


#64
Tetrachloroethene
Concen: 4.229 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	5782		
166	119.6		103.4	155.0
129	103.5		73.4	110.0
131	109.1		75.9	113.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 3.923 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampled :

MDL1

Tot Ion:112 Resp: 16666

Ion Ratio Lower Upper

112 100

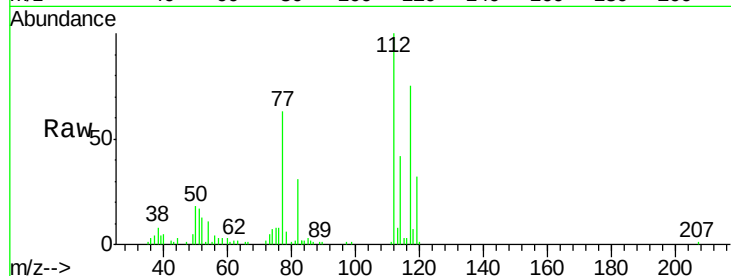
114 41.8 25.4 38.2#

Manual Integrations

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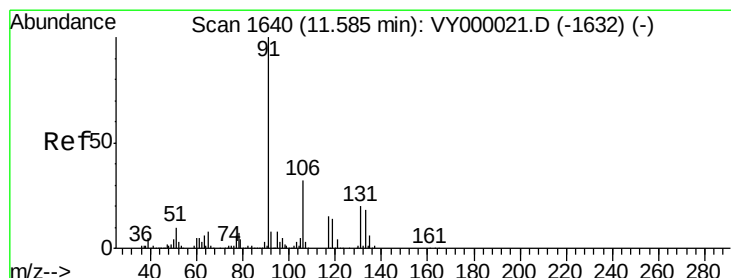
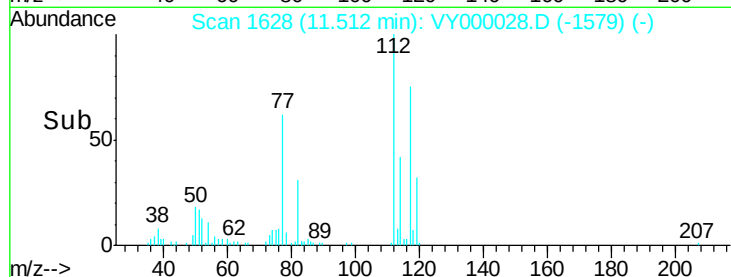
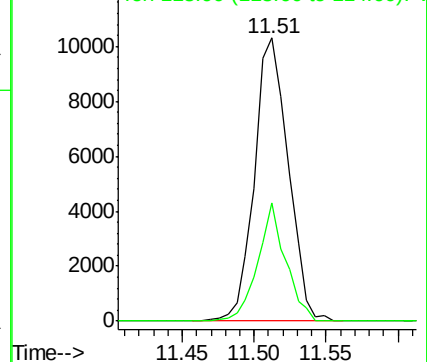
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 3.669 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. 0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

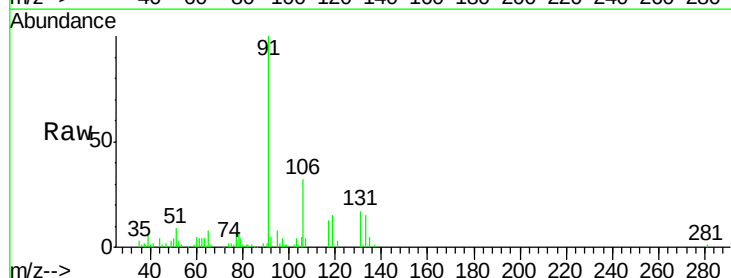
Tgt Ion:131 Resp: 5400

Ion Ratio Lower Upper

131 100

133 102.0 47.2 141.6

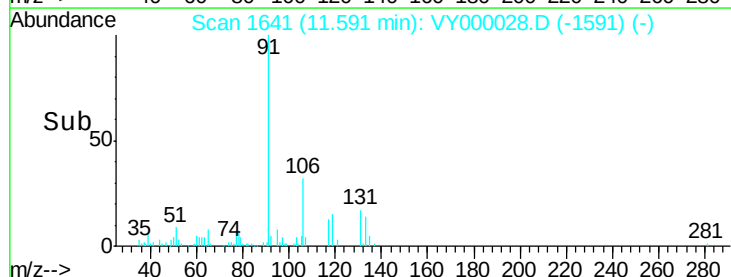
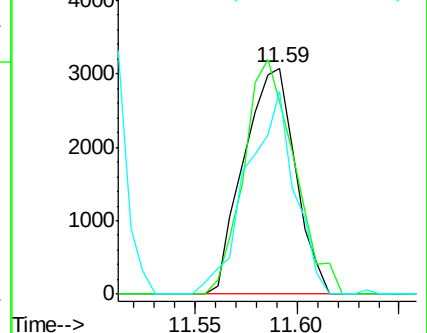
119 83.1 35.4 106.3

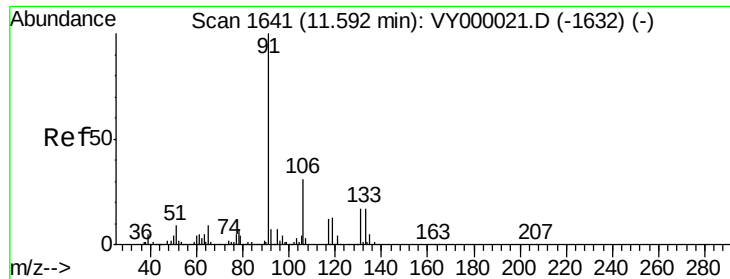


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





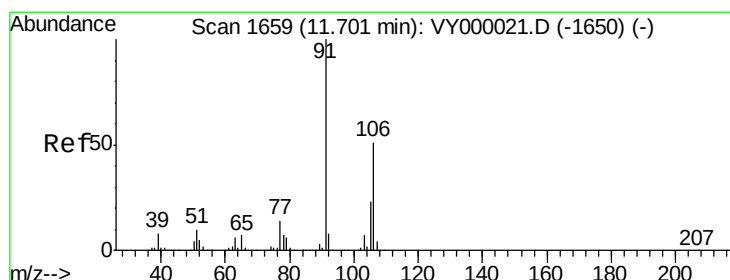
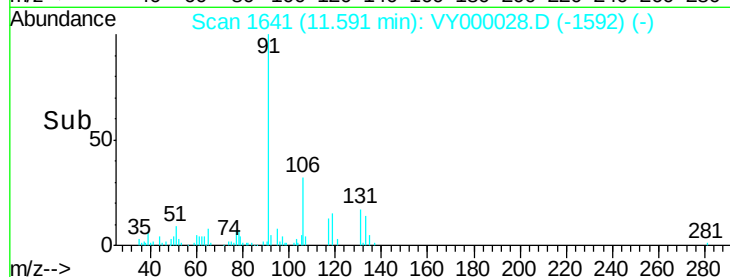
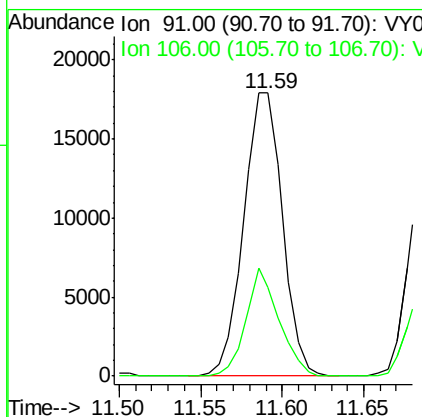
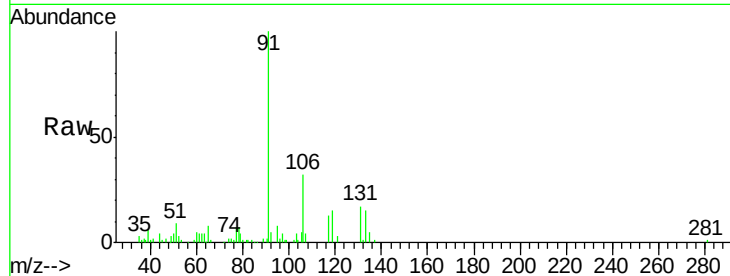
#67
Ethyl Benzene
Concen: 3.849 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion: 91 Resp: 29702
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0

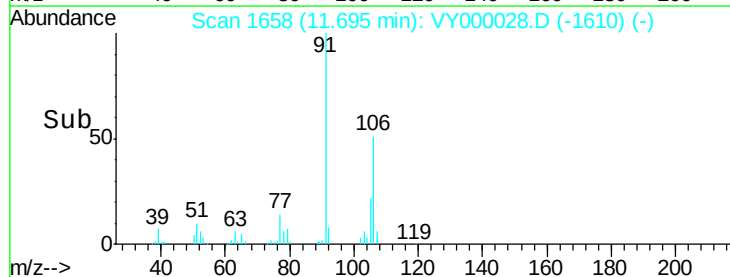
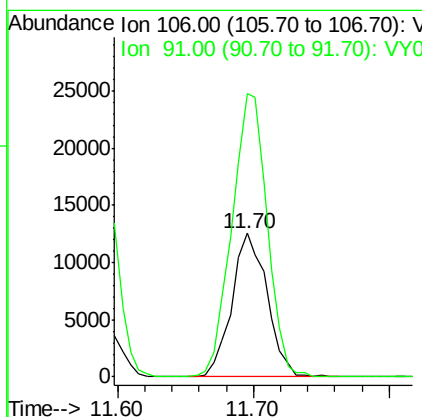
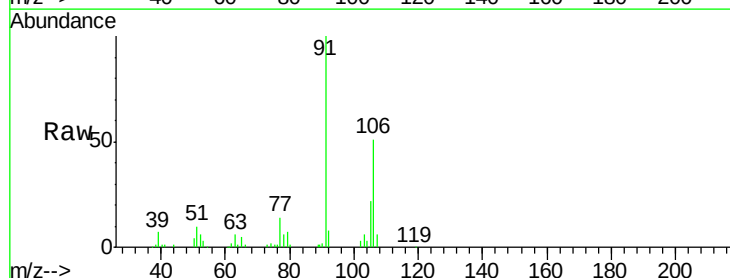
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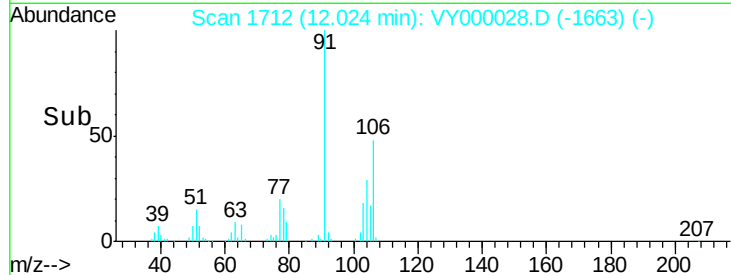
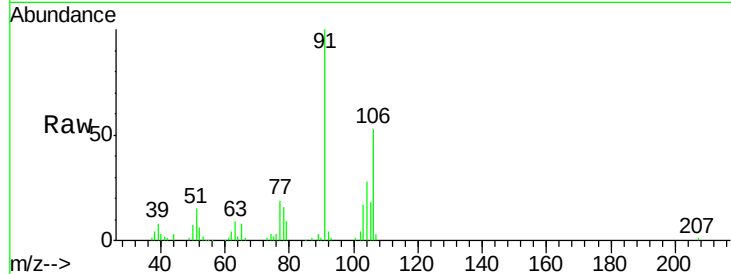
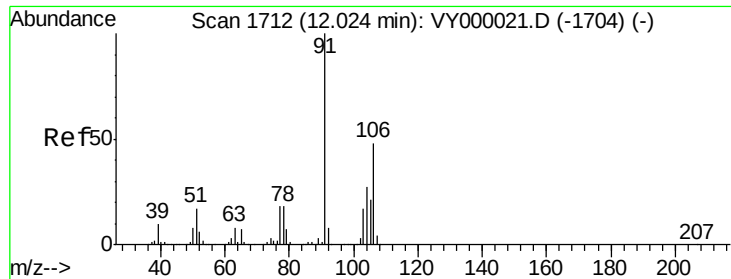
MMDadoda
9/13/2019 11:53:58 PM



#68
m/p-Xylenes
Concen: 7.790 ug/l
RT: 11.70 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion: 106 Resp: 22686
Ion Ratio Lower Upper
106 100
91 197.1 158.5 237.7





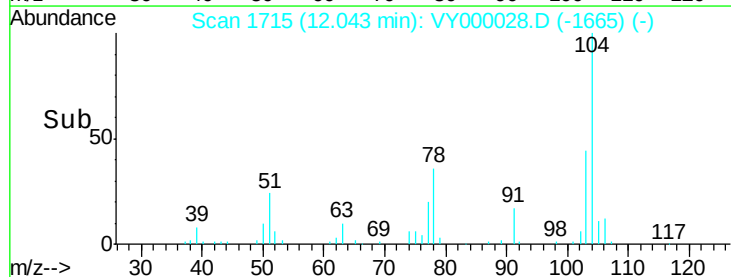
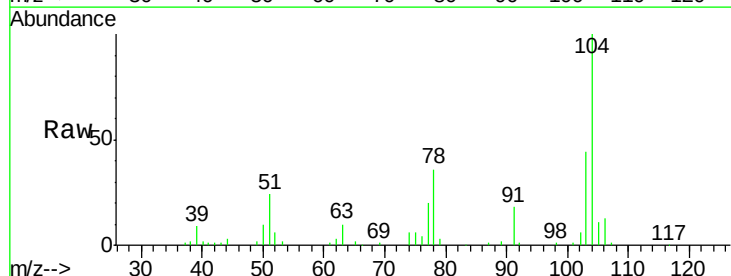
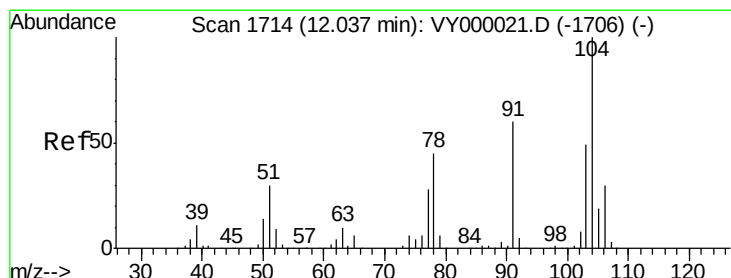
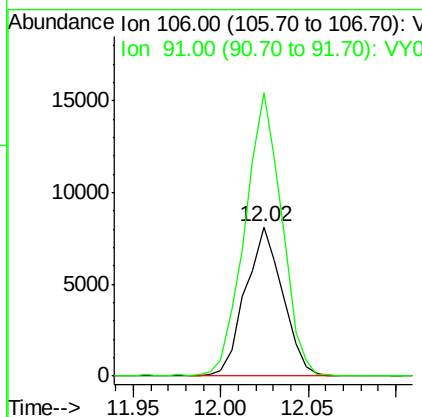
#69
o-Xylene
Concen: 4.230 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tot Ion:106 Resp: 12073
Ion Ratio Lower Upper
106 100
91 187.7 104.0 312.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

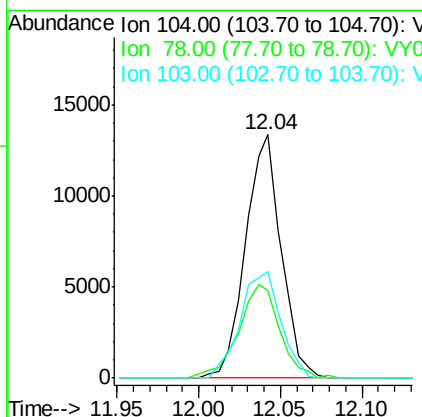
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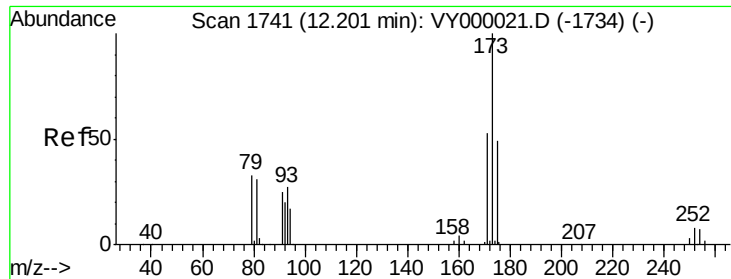
MMDadoda
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#70
Styrene
Concen: 4.094 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion:104 Resp: 20327
Ion Ratio Lower Upper
104 100
78 44.6 38.0 57.0
103 49.8 42.4 63.6





#71

Bromoform

Concen: 4.004 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

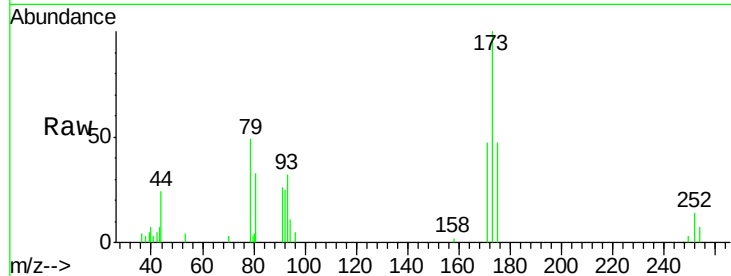
ClientSampled :

MDL1

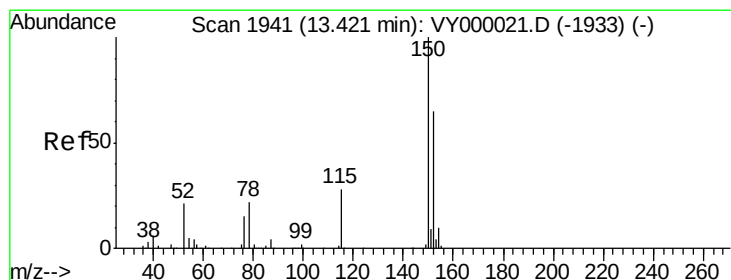
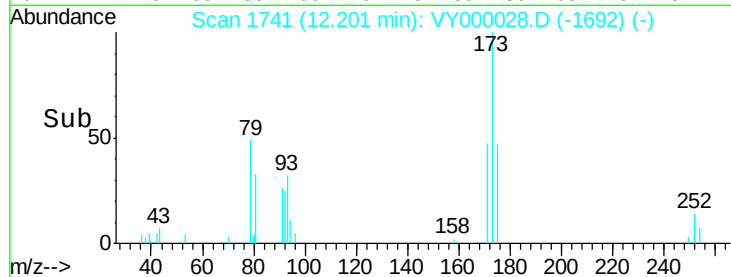
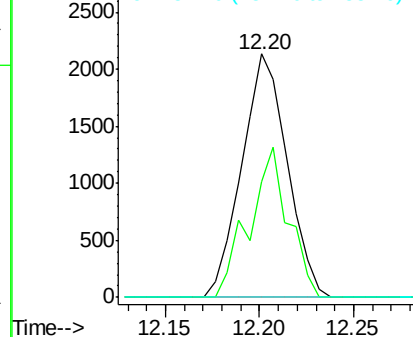
Tot Ion	Ratio	Lower	Upper
173	100		
175	53.4	25.1	75.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

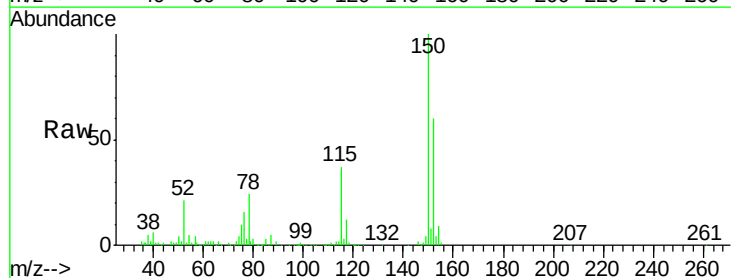
RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

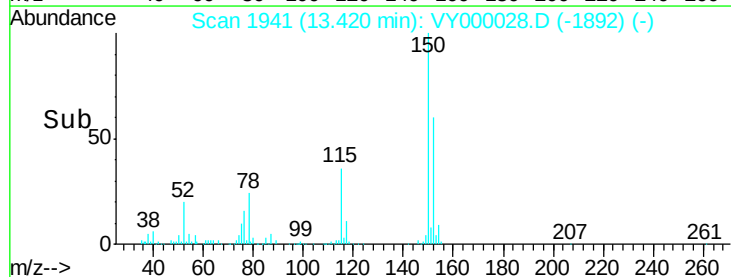
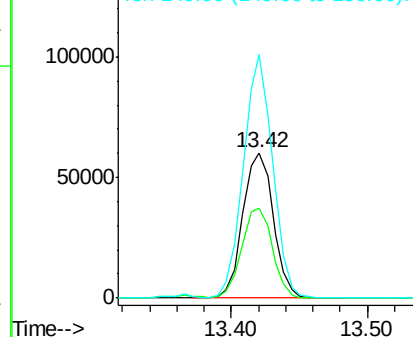
Lab File: VY000028.D

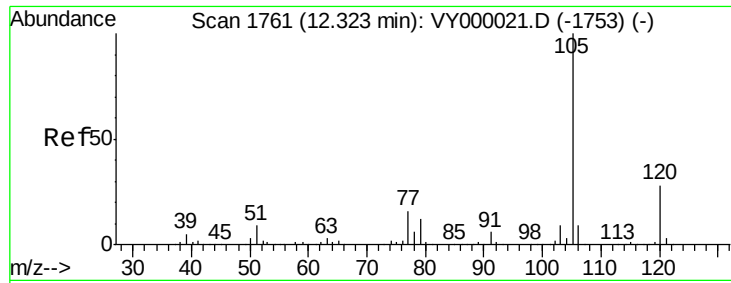
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	29.4	88.2
150	160.1	0.0	349.0



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





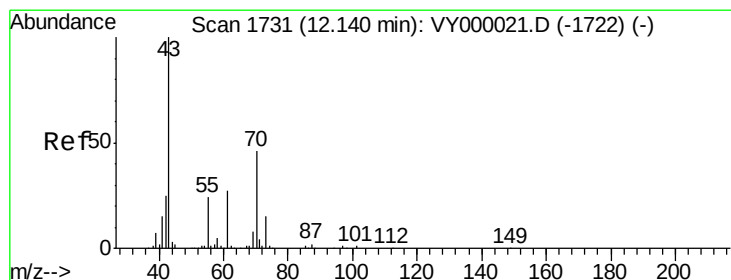
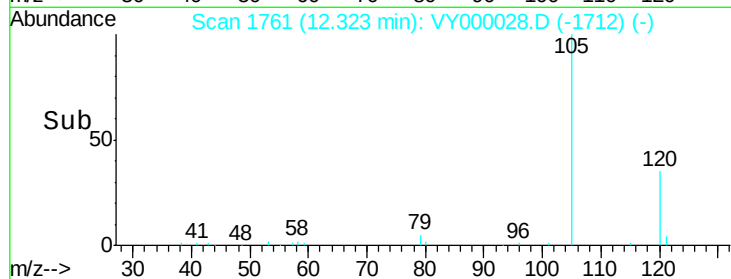
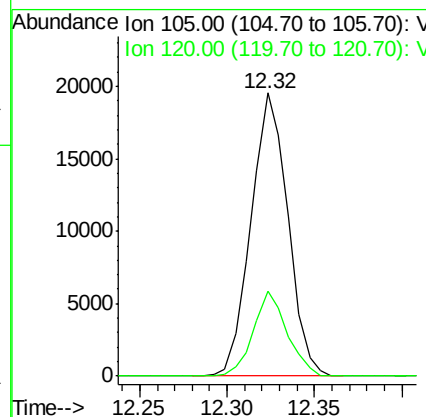
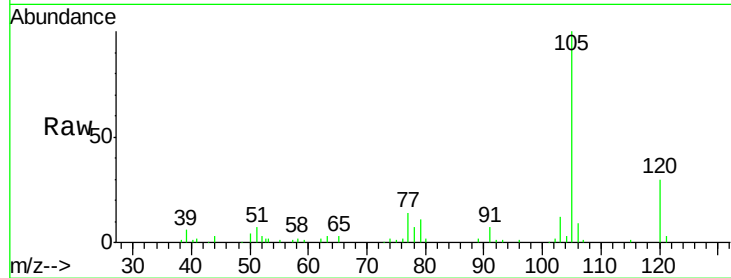
#73
Isopropylbenzene
Concen: 3.992 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.9	41.6

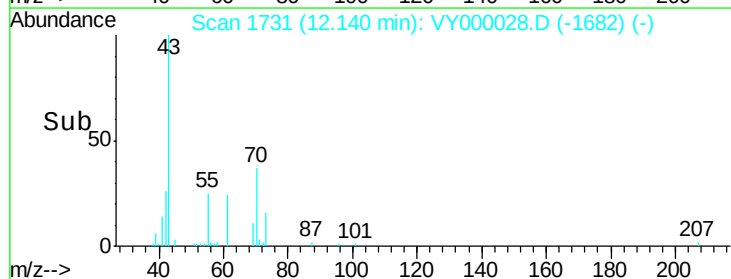
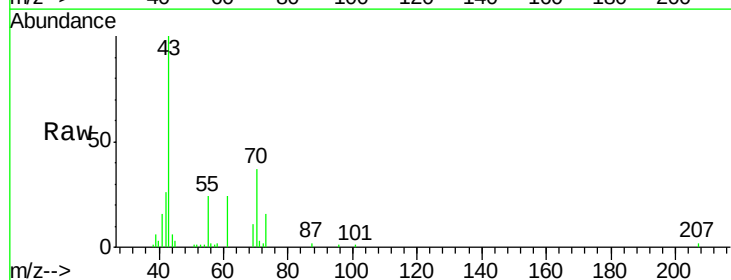
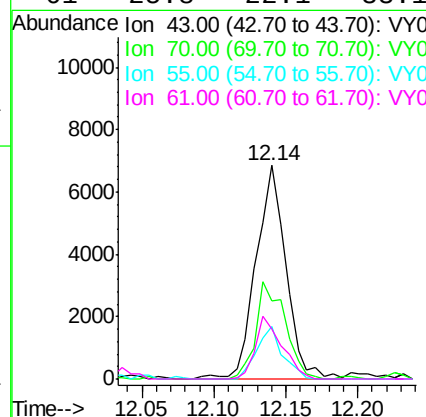
Manual Integrations
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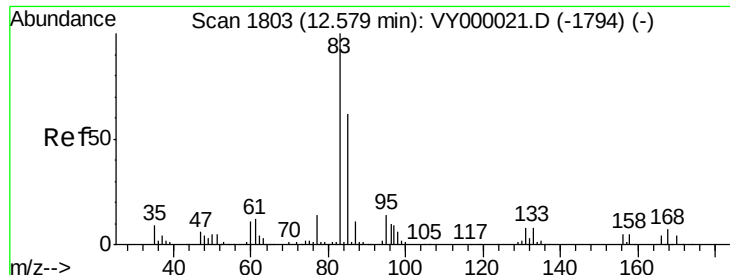
MMDadoda
9/13/2019 11:53:58 PM



#74
N-ethyl acetate
Concen: 4.625 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.2	38.1	57.1
55	20.9	18.7	28.1
61	25.8	22.1	33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 4.818 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

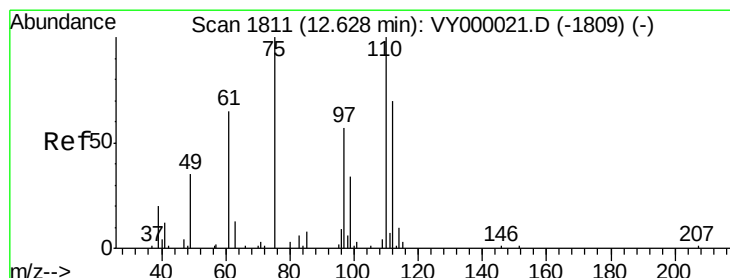
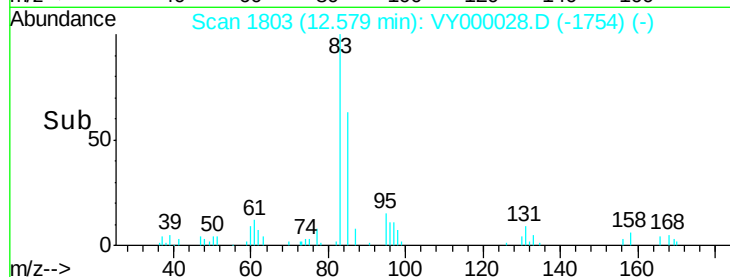
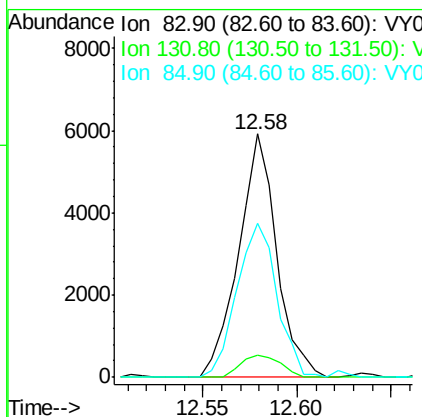
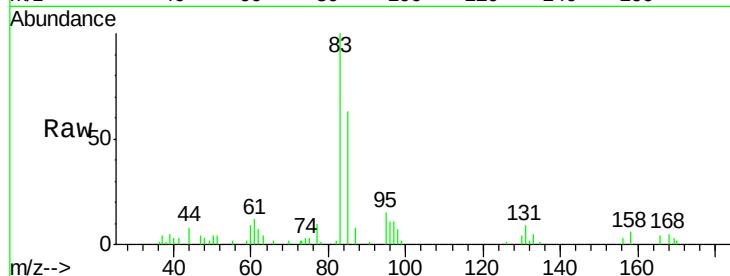
ClientSampled :

MDL1

Tot Ion:	83	Resp:	8307
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.6	13.8
85	66.5	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.953 ug/l m

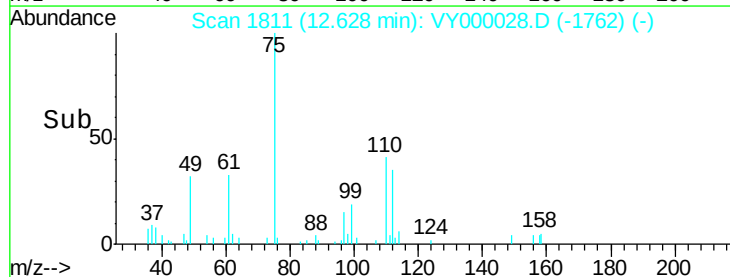
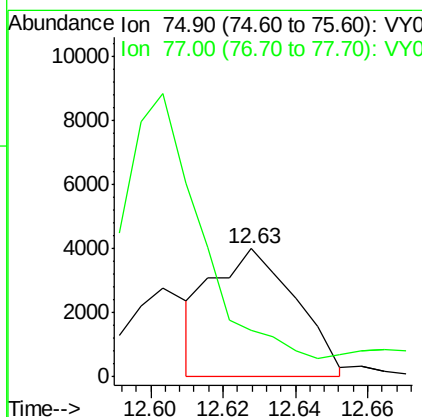
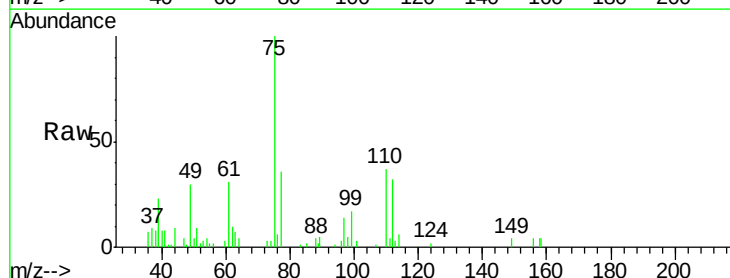
RT: 12.63 min Scan# 1811

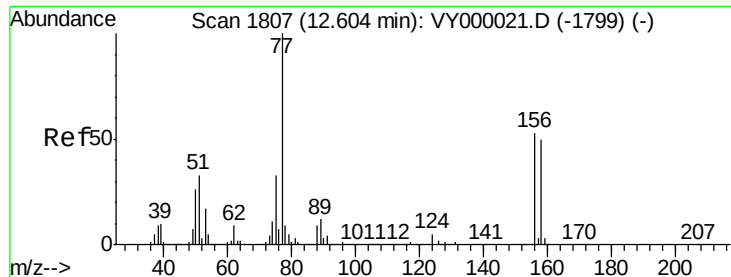
Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	75	Resp:	6494
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.276 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

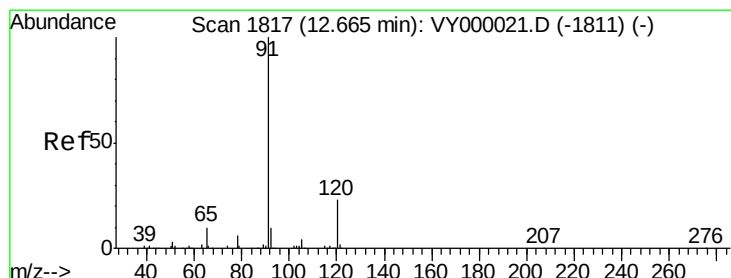
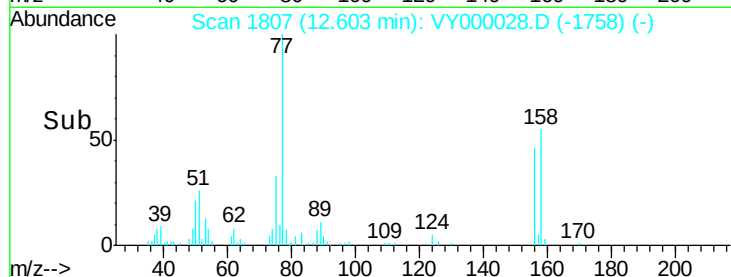
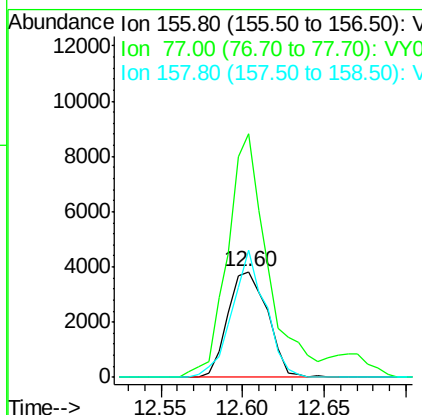
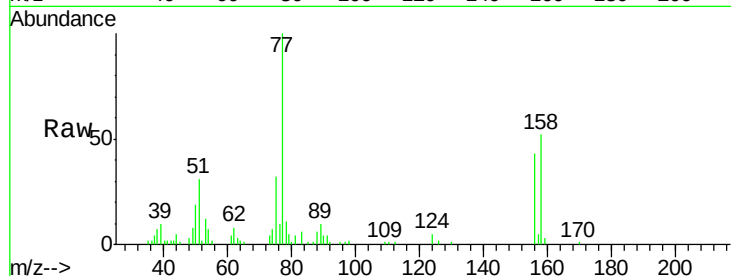
ClientSampled :

MDL1

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	231.1	106.0	317.9	
158	100.6	47.3	141.9	

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#78

n-propylbenzene

Concen: 3.902 ug/l

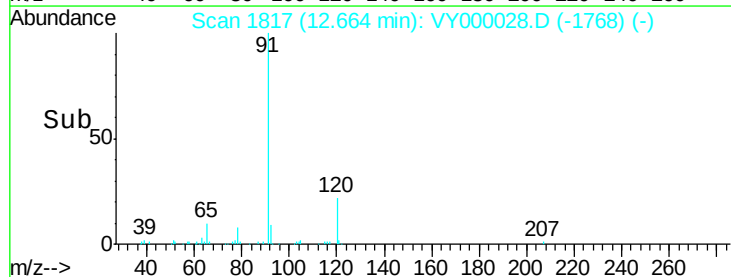
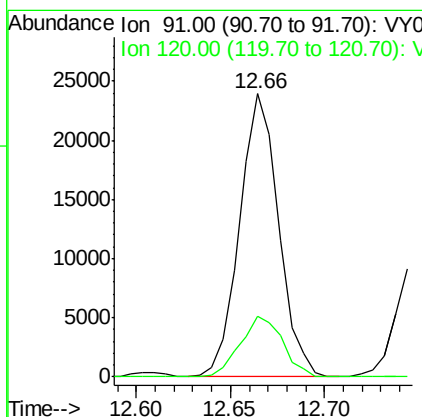
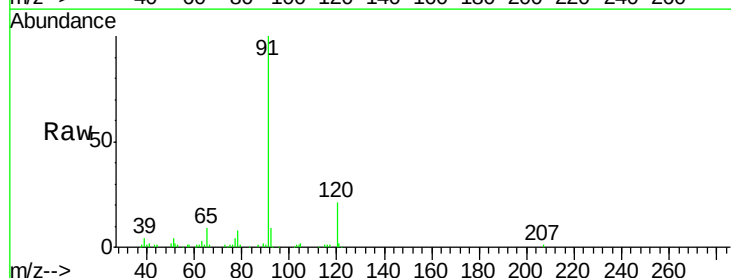
RT: 12.66 min Scan# 1817

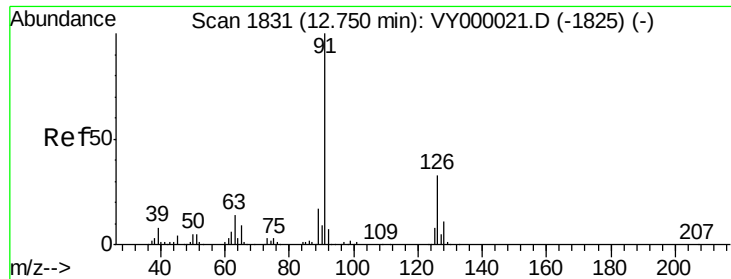
Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.1	11.6	34.7	





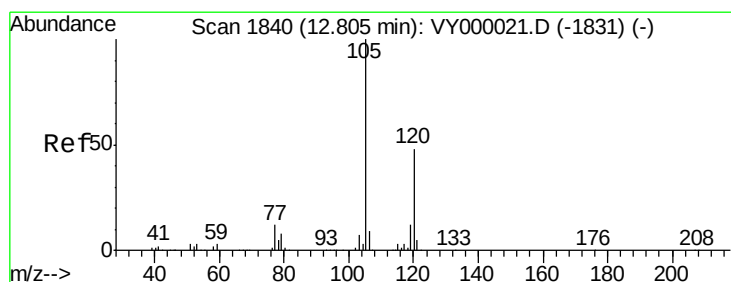
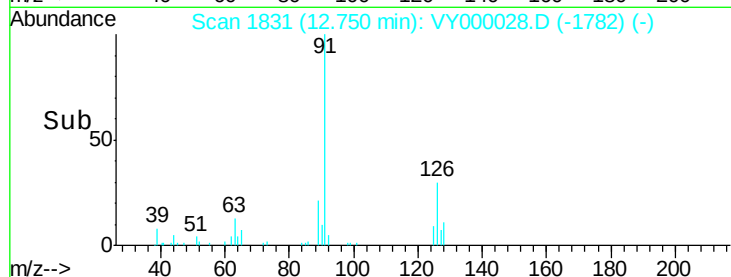
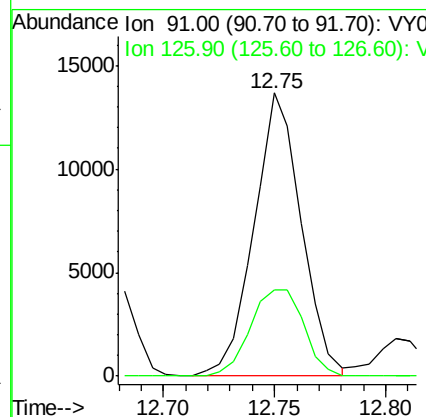
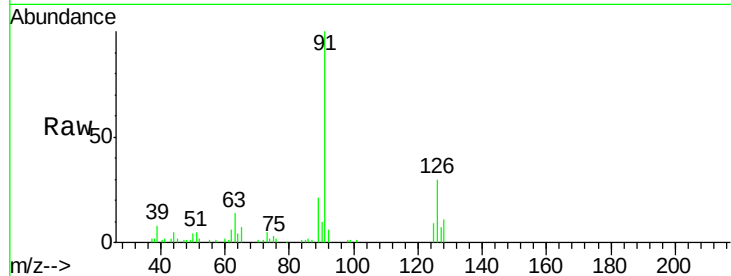
#79
2-Chlorotoluene
Concen: 4.095 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion: 91 Resp: 20182
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7

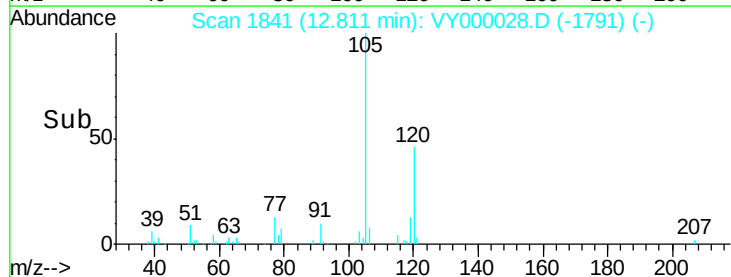
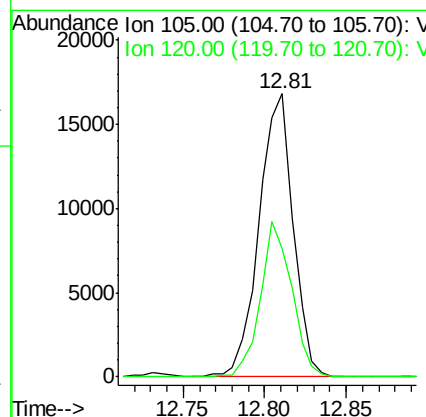
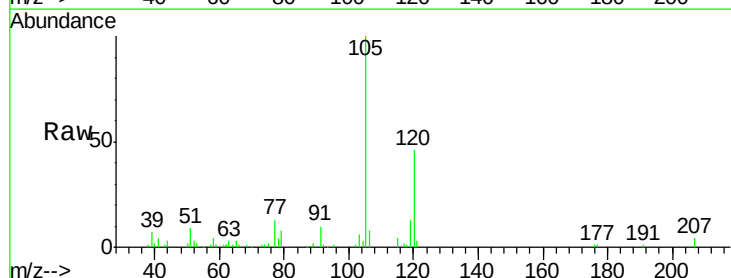
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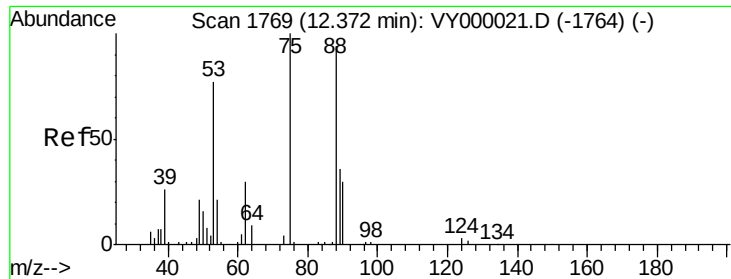
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 4.060 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.01 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion:105 Resp: 24447
Ion Ratio Lower Upper
105 100
120 50.3 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.985 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

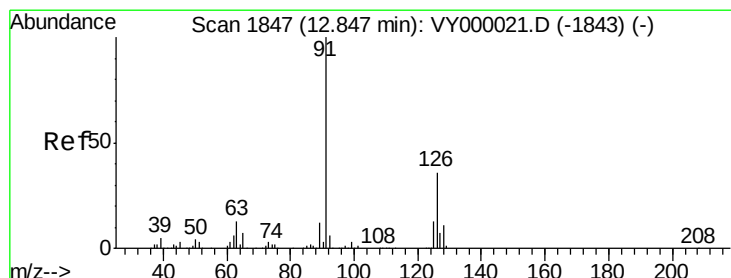
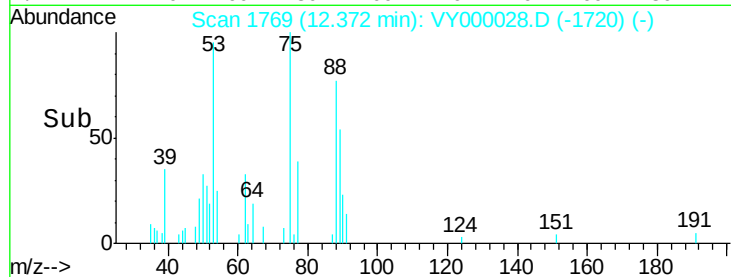
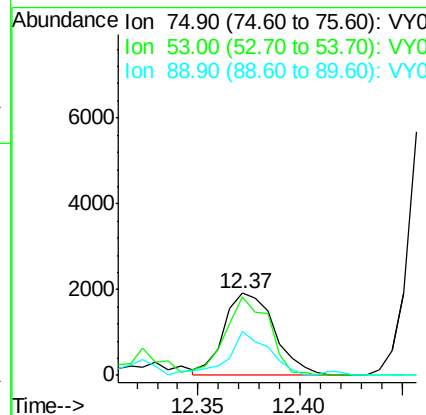
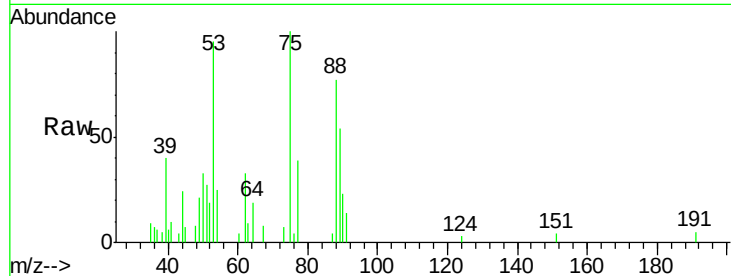
ClientSampleId :

MDL1

Tot Ion:	75	Resp:	3295
Ion	Ratio	Lower	Upper
75	100		
53	83.1	64.2	96.2
89	43.5	35.5	53.3

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#82

4-Chlorotoluene

Concen: 3.969 ug/l

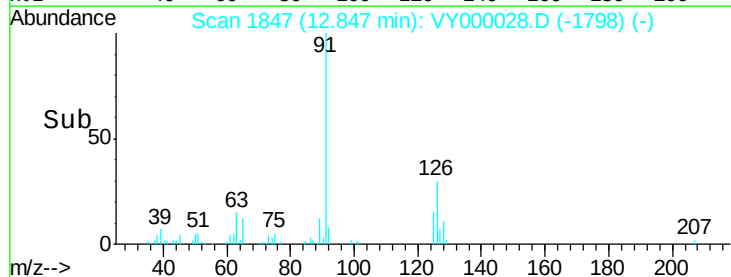
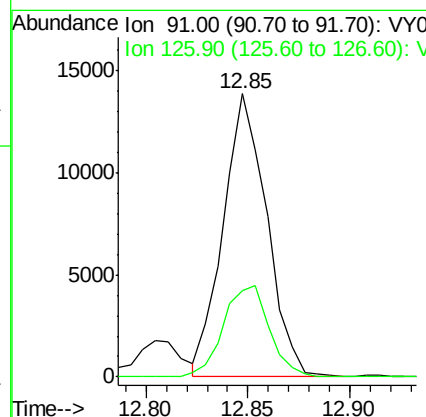
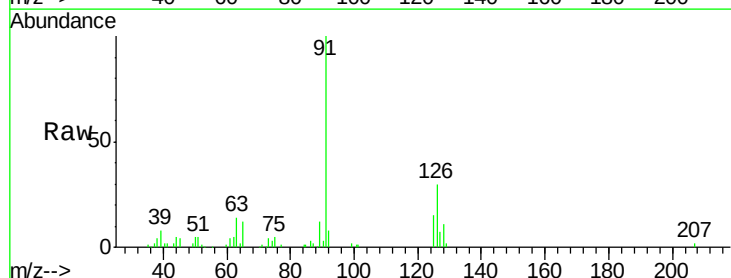
RT: 12.85 min Scan# 1847

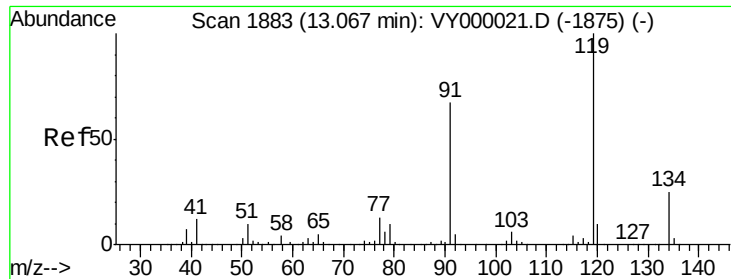
Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	91	Resp:	20531
Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.2	51.5





#83

tert-Butylbenzene

Concen: 4.036 ug/l

RT: 13.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

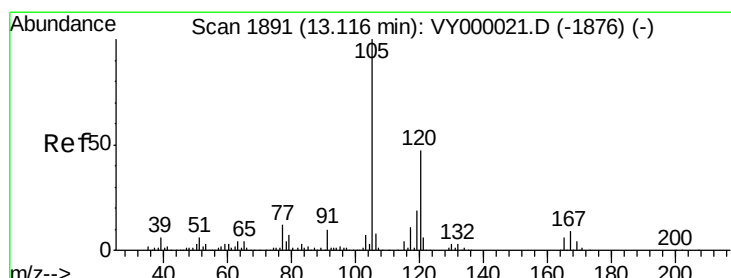
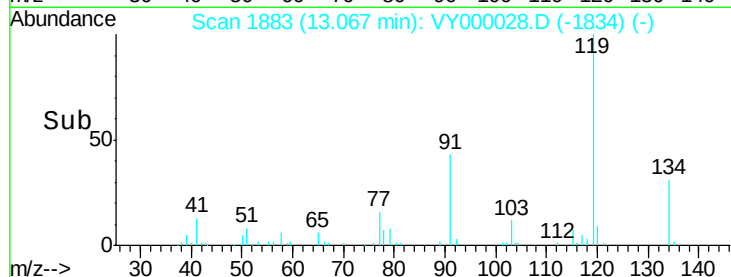
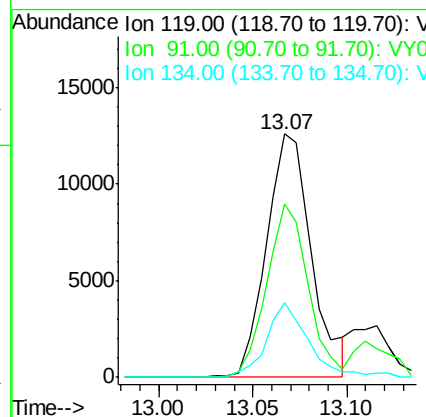
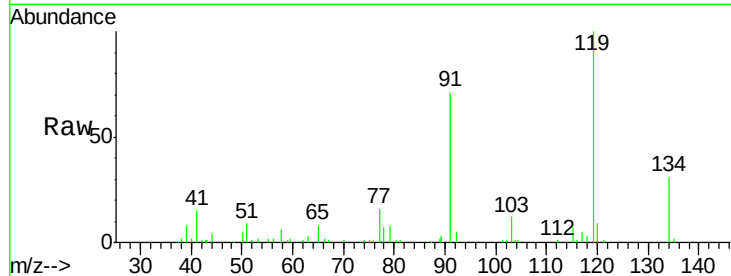
ClientSampleId :

MDL1

Tot Ion:	119	Resp:	20882
Ion Ratio	Lower	Upper	
119	100		
91	65.2	33.1	99.5
134	28.8	13.5	40.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 4.269 ug/l

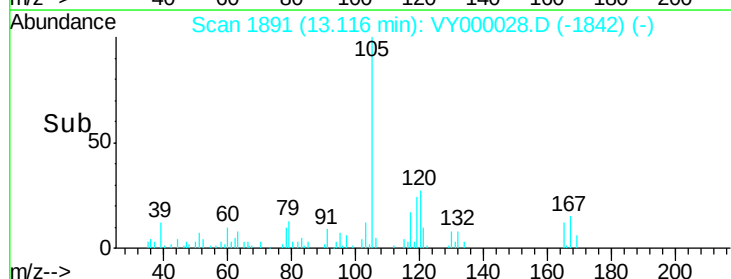
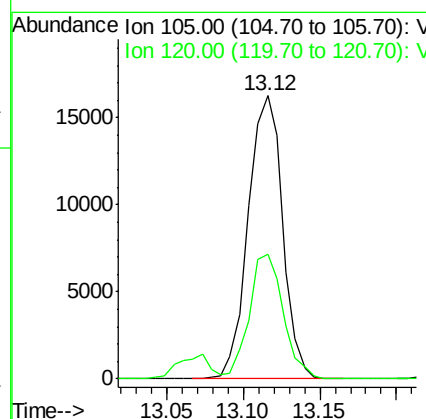
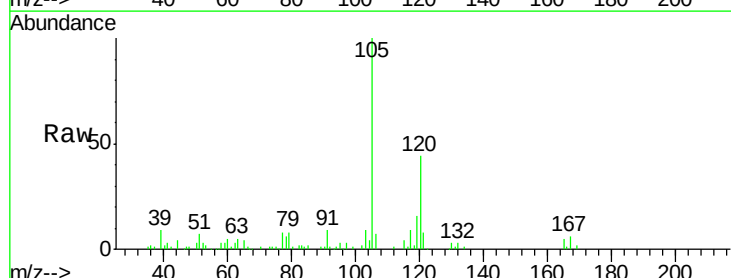
RT: 13.12 min Scan# 1891

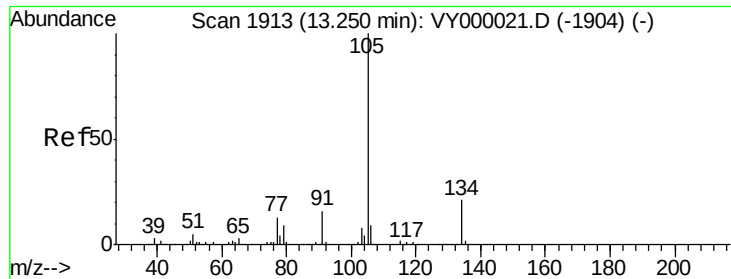
Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Tgt Ion:	105	Resp:	25393
Ion Ratio	Lower	Upper	
105	100		
120	43.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 3.788 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

Instrument :

MSVOA_Y

ClientSampleId :

MDL1

Tot Ion:105 Resp: 28927

Ion Ratio Lower Upper

105 100

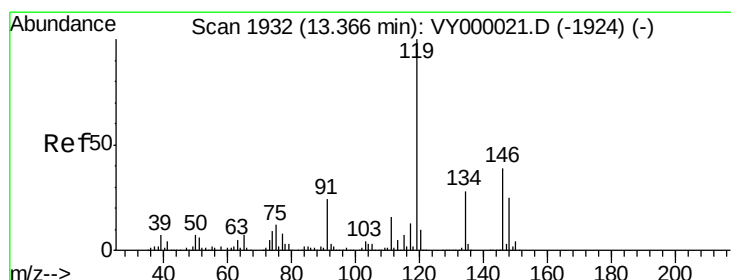
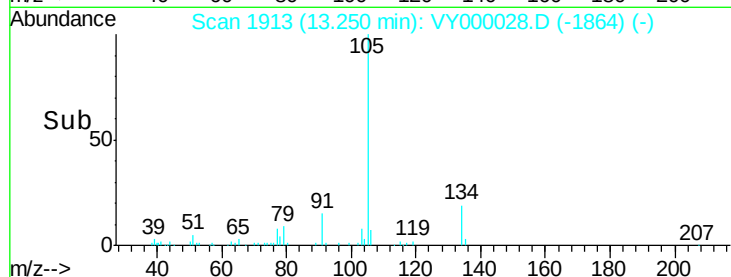
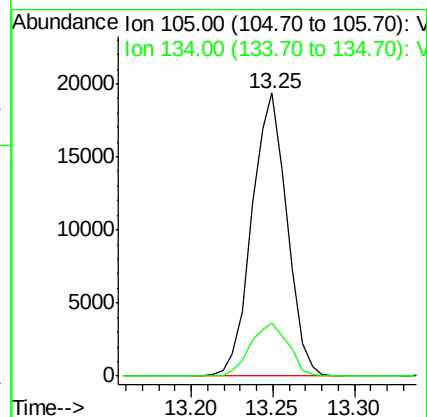
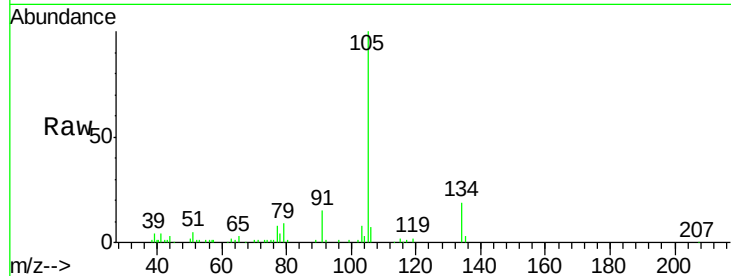
134 20.2 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 3.758 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VY000028.D

Acq: 12 Sep 2019 15:39

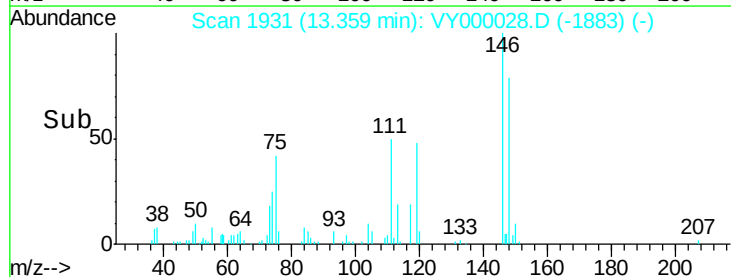
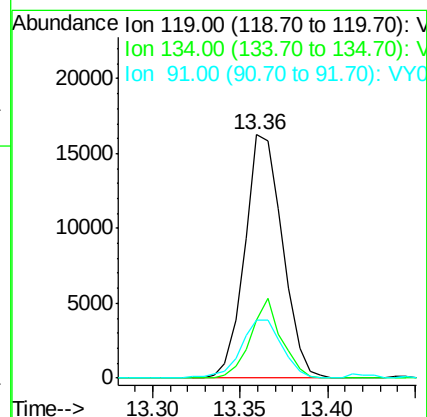
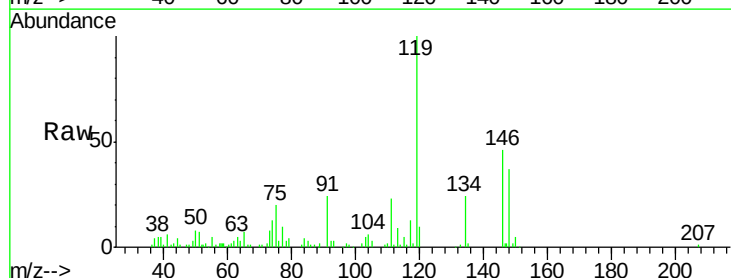
Tgt Ion:119 Resp: 24346

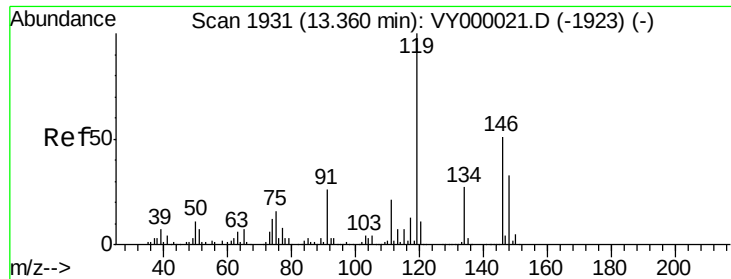
Ion Ratio Lower Upper

119 100

134 26.5 13.8 41.3

91 26.1 12.4 37.2





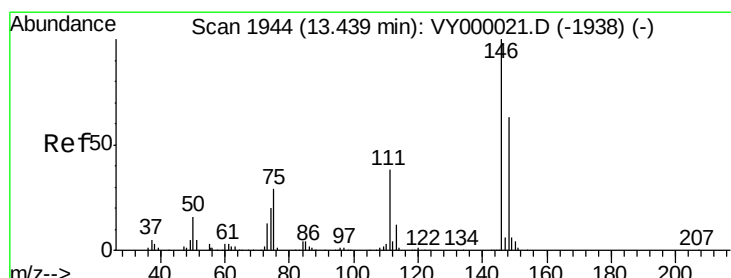
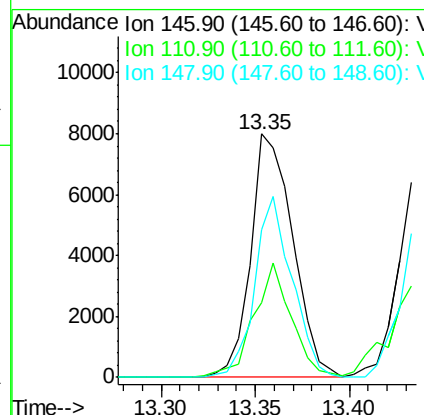
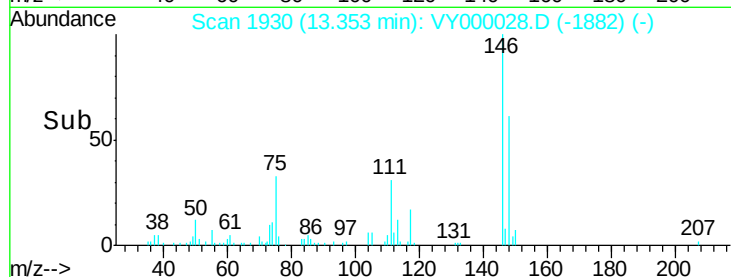
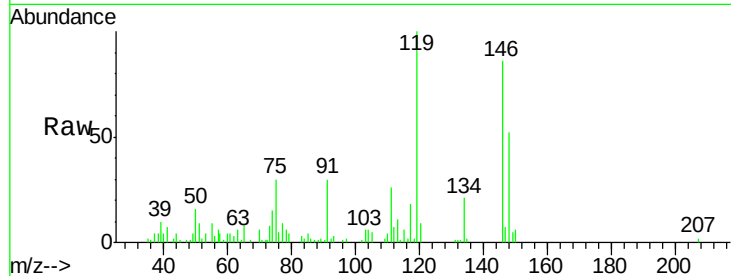
#87
 1,3-Dichlorobenzene
 Concen: 4.039 ug/l
 RT: 13.35 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.2	63.6
148	65.9	32.1	96.5

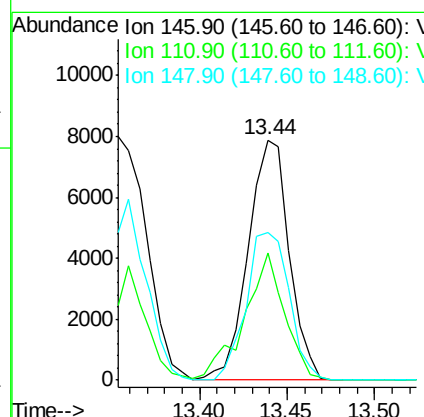
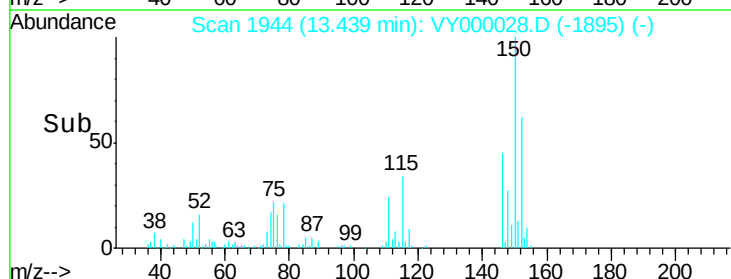
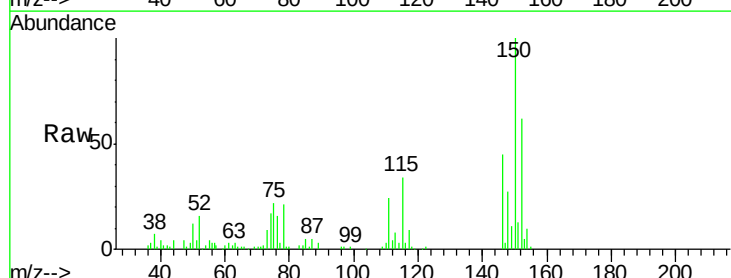
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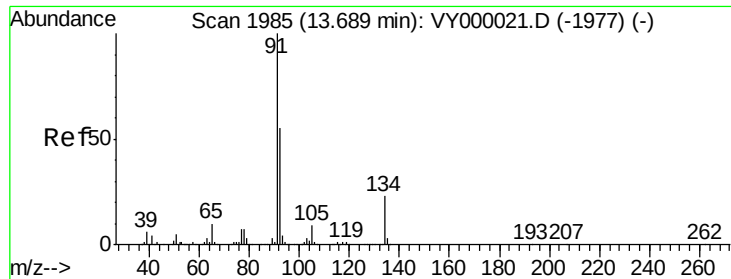
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#88
 1,4-Dichlorobenzene
 Concen: 4.161 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.1	20.3	60.9
148	64.6	31.7	95.1





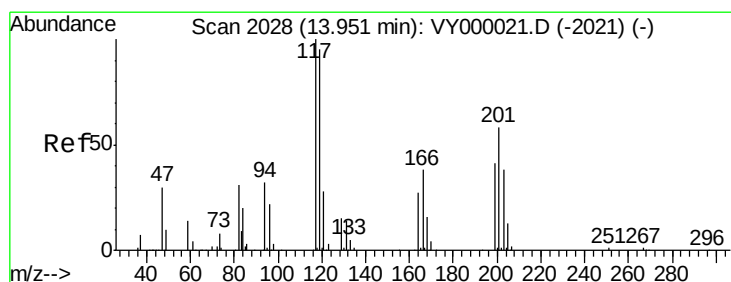
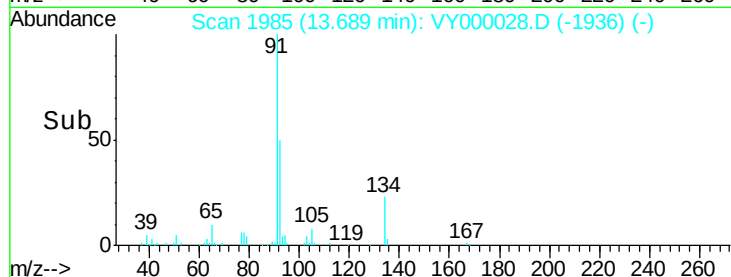
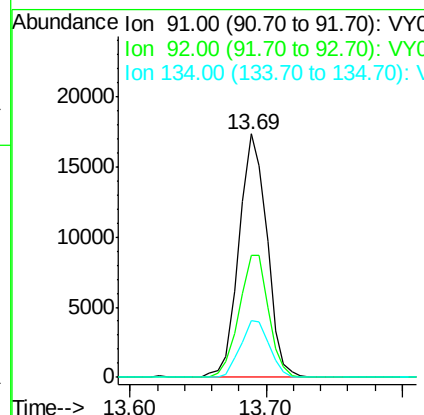
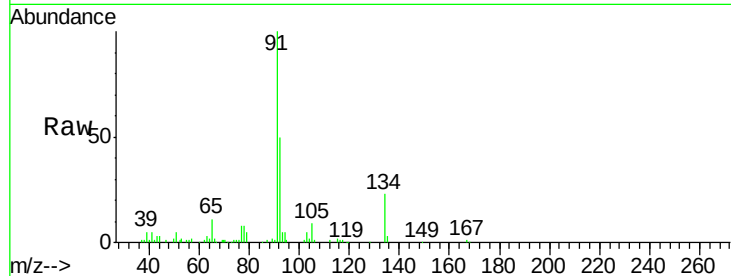
#89
n-Butylbenzene
Concen: 3.783 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampleId :
MDL1

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.2	81.6
134	23.8	12.6	37.6

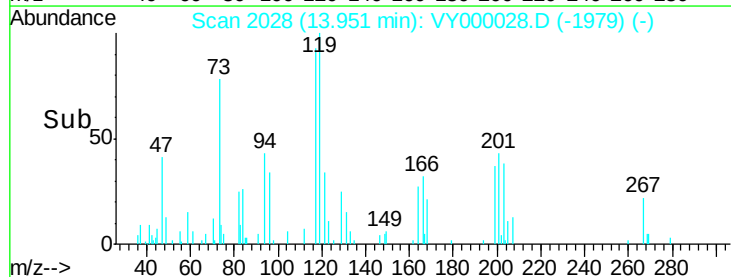
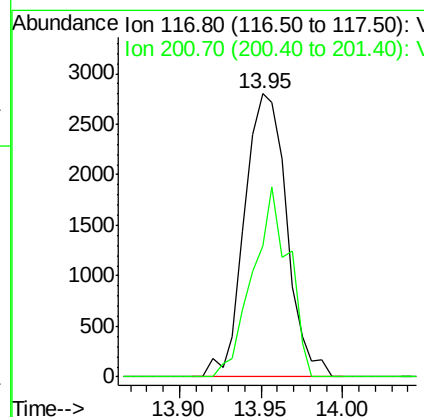
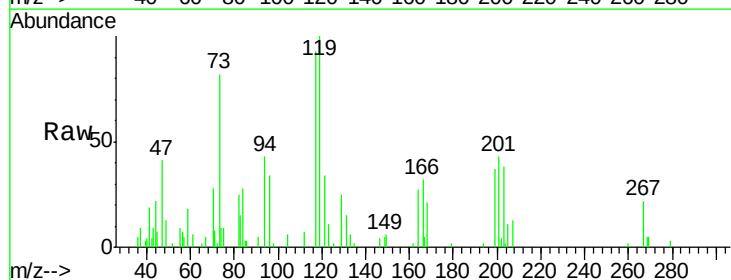
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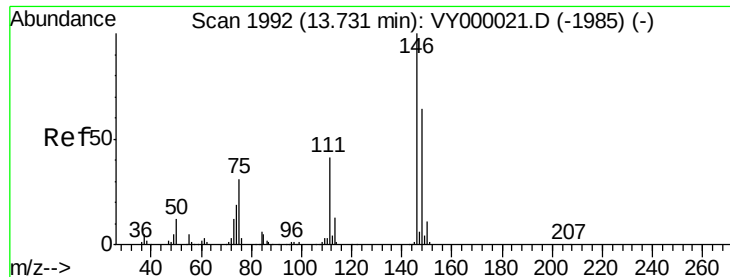
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#90
Hexachloroethane
Concen: 3.901 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	57.7	31.4	94.0





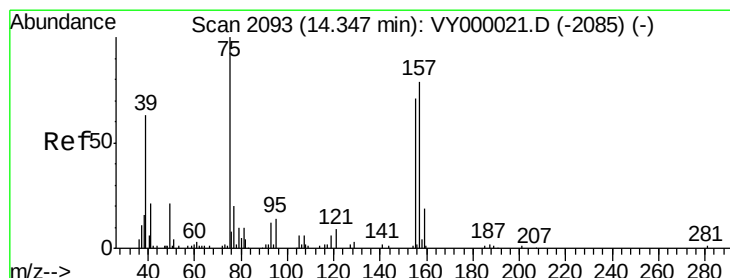
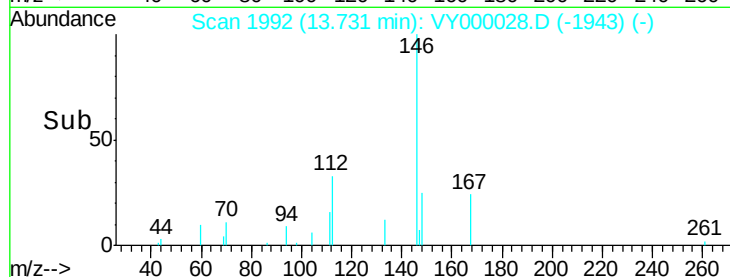
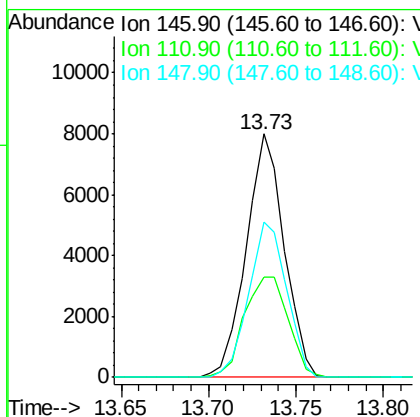
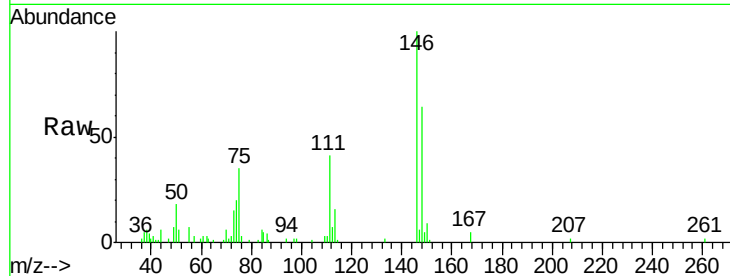
#91
 1,2-Dichlorobenzene
 Concen: 4.236 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL1

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.8	21.0	63.0
148	63.7	31.6	95.0

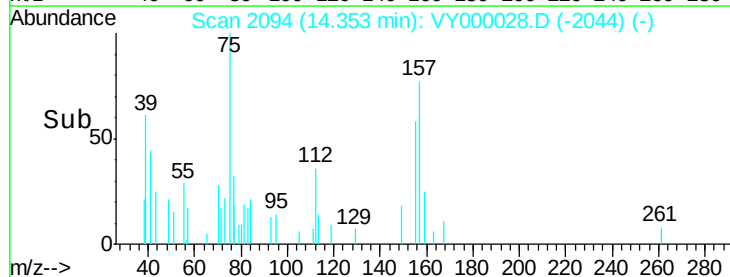
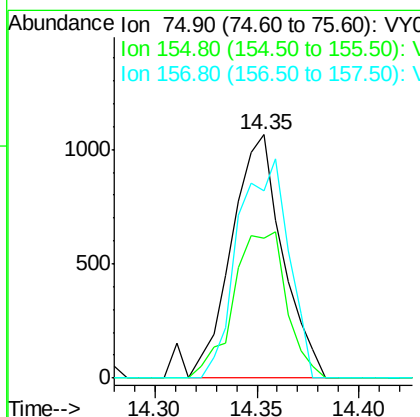
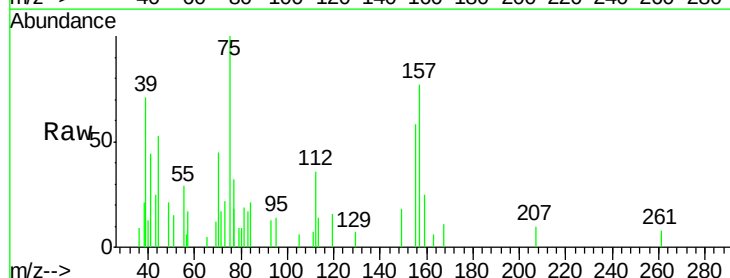
Manual Integrations
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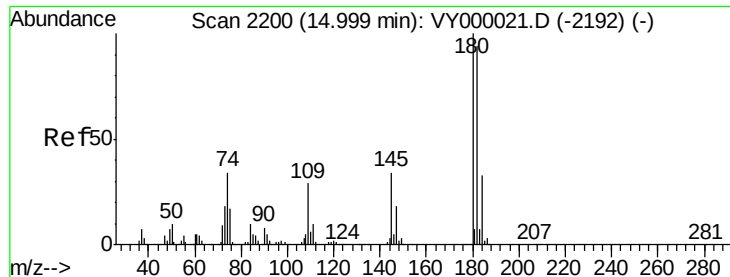
MMDadoda
 9/13/2019 11:53:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.500 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.4	41.8	125.3
157	89.1	51.3	153.9





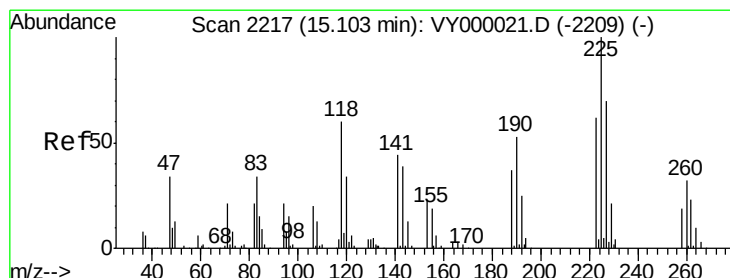
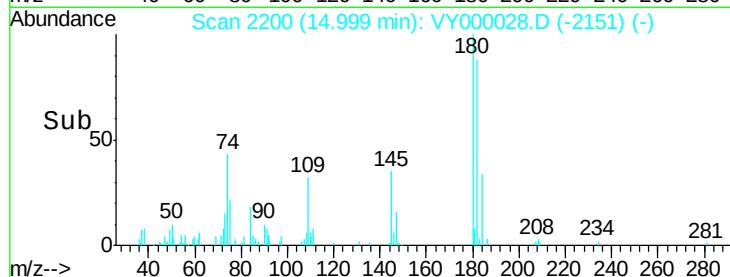
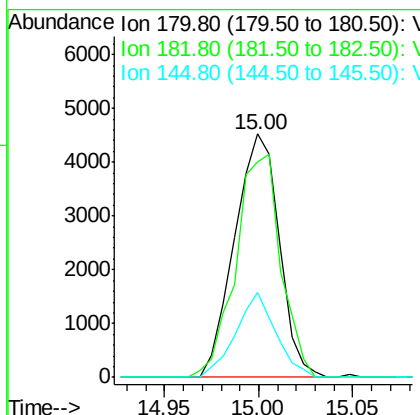
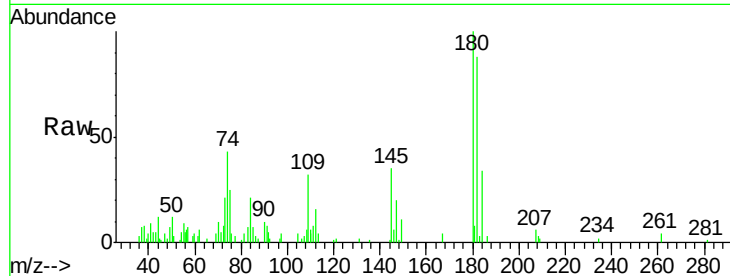
#93
 1,2,4-Trichlorobenzene
 Concen: 4.074 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL1

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.0	141.0
145	31.3	16.7	50.1

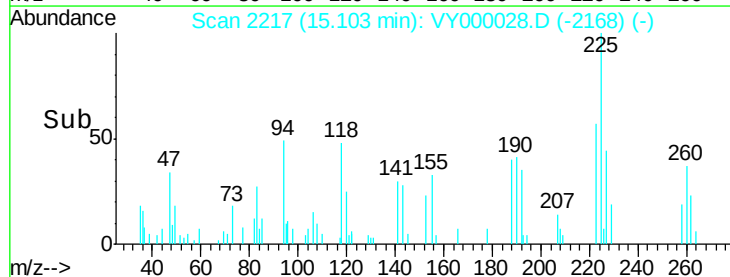
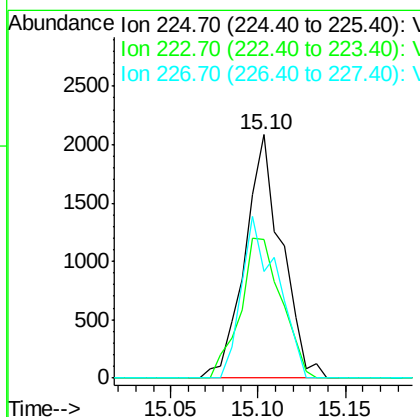
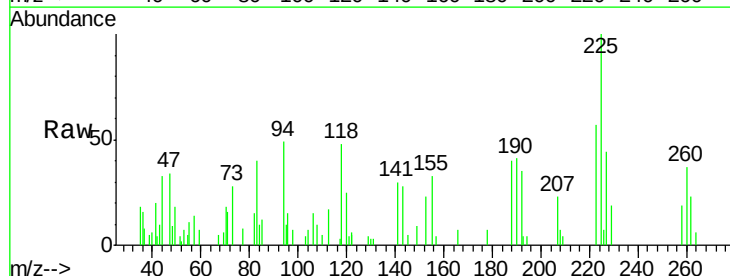
Manual Integrations
 APPROVED

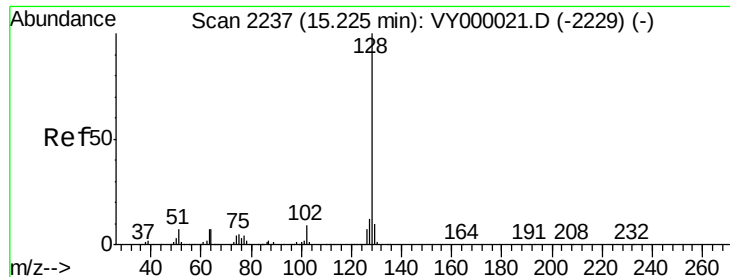
MMDadoda
 9/13/2019 11:53:58 PM



#94
 Hexachlorobutadiene
 Concen: 3.621 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000028.D
 Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.9	92.7
227	65.1	31.0	93.0





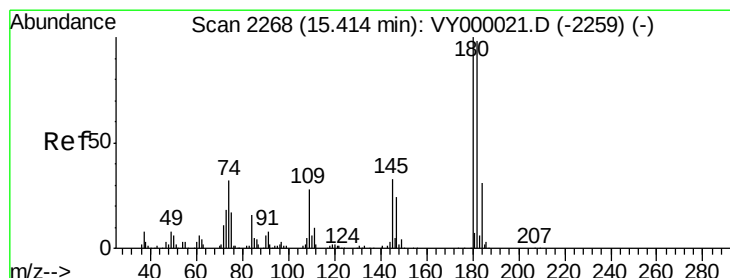
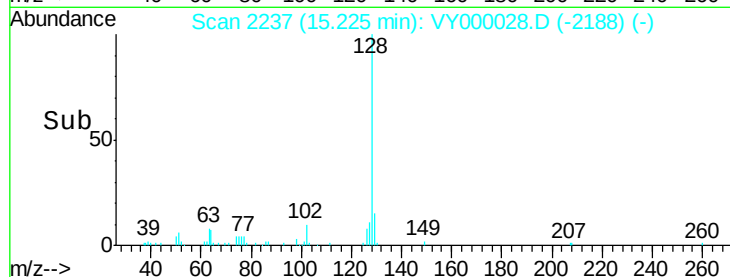
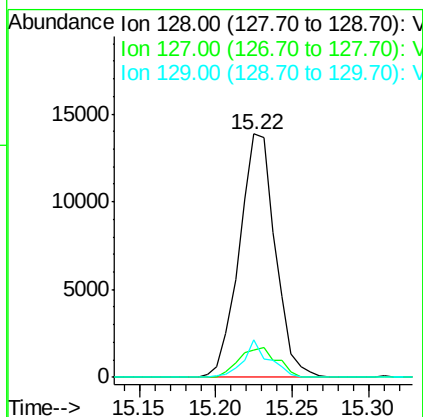
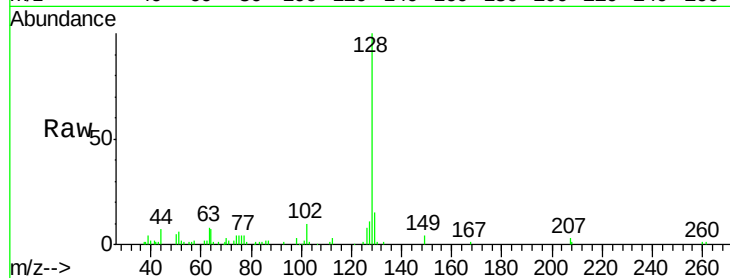
#95
Naphthalene
Concen: 4.514 ug/l
RT: 15.22 min Scan# 2237
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Instrument :
MSVOA_Y
ClientSampled :
MDL1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	22518		
127	13.1		9.8	14.8
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:53:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.496 ug/l
RT: 15.41 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VY000028.D
Acq: 12 Sep 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	7359		
182	89.2		46.8	140.4
145	38.9		17.3	51.7

