

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000261.D
 Acq On : 10 Oct 2019 18:14
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:34:08 PM

Quant Time: Oct 11 07:25:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 07:12:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	157826	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.73	113	125873	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.19	98	465541	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
62) 4-Bromofluorobenzene	12.48	95	158937	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	5473	2.245	ug/l 98
3) Chloromethane	2.11	50	7218	2.174	ug/l 99
4) Vinyl Chloride	2.25	62	7751	2.261	ug/l # 88
5) Bromomethane	2.64	94	7538	3.485	ug/l 82
6) Chloroethane	2.79	64	4987	2.303	ug/l 91
7) Trichlorofluoromethane	3.11	101	9388	2.119	ug/l 89
8) Diethyl Ether	3.52	74	4853	2.396	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	5412	2.092	ug/l 94
10) Methyl Iodide	4.09	142	5901	1.547	ug/l # 78
11) Tert butyl alcohol	4.97	59	28152	16.497	ug/l 97
12) 1,1-Dichloroethene	3.88	96	6555	2.441	ug/l # 89
13) Acrolein	3.73	56	11837	13.214	ug/l 92
14) Allyl chloride	4.48	41	10466	2.313	ug/l 94
15) Acrylonitrile	5.17	53	36168	12.006	ug/l 99
16) Acetone	3.96	43	35911	14.435	ug/l 98
17) Carbon Disulfide	4.20	76	15364	1.941	ug/l # 86
18) Methyl Acetate	4.49	43	17558	2.575	ug/l 98
19) Methyl tert-butyl Ether	5.24	73	23989	2.442	ug/l # 79
20) Methylene Chloride	4.73	84	8224	2.516	ug/l 93
21) trans-1,2-Dichloroethene	5.24	96	7259	2.403	ug/l # 71
22) Diisopropyl ether	6.14	45	23966	2.286	ug/l # 92
23) Vinyl Acetate	6.07	43	103802	10.933	ug/l 99
24) 1,1-Dichloroethane	6.03	63	12366	2.313	ug/l 97
25) 2-Butanone	7.00	43	56430	12.261	ug/l 97
26) 2,2-Dichloropropane	6.99	77	11452	2.373	ug/l 95
27) cis-1,2-Dichloroethene	7.00	96	7892	2.218	ug/l 95
28) Bromochloromethane	7.34	49	5328	3.027	ug/l # 99
29) Tetrahydrofuran	7.36	42	36494	11.228	ug/l 94
30) Chloroform	7.53	83	13736	2.475	ug/l 85
31) Cyclohexane	7.80	56	14973	2.772	ug/l # 65
32) 1,1,1-Trichloroethane	7.72	97	11046	2.341	ug/l 97
36) 1,1-Dichloropropene	7.93	75	9111	2.185	ug/l 94
37) Ethyl Acetate	7.09	43	17053	2.263	ug/l 96
38) Carbon Tetrachloride	7.91	117	9893	2.435	ug/l # 70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	10458	1.999	ug/l	95
40) Benzene	8.17	78	29901	2.364	ug/l	95
41) Methacrylonitrile	7.35	41	11634m	1.961	ug/l	
42) 1,2-Dichloroethane	8.25	62	11229	2.733	ug/l	100
43) Isopropyl Acetate	8.28	43	21716	2.238	ug/l	97
44) Trichloroethene	8.95	130	7967	2.323	ug/l	96
45) 1,2-Dichloropropane	9.22	63	7646	2.414	ug/l	98
46) Dibromomethane	9.32	93	5494	2.474	ug/l	99
47) Bromodichloromethane	9.50	83	10099	2.325	ug/l #	80
48) Methyl methacrylate	9.30	41	10164	2.321	ug/l	97
49) 1,4-Dioxane	9.30	88	5591	49.738	ug/l #	92
51) 4-Methyl-2-Pentanone	10.08	43	88302	12.111	ug/l	96
52) Toluene	10.25	92	17268	2.129	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	10705	2.172	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	11890	2.230	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	7345	2.296	ug/l	92
56) Ethyl methacrylate	10.52	69	12033	2.137	ug/l	96
57) 1,3-Dichloropropane	10.80	76	13490	2.470	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	29286	11.667	ug/l	97
59) 2-Hexanone	10.84	43	70545	11.416	ug/l	98
60) Dibromochloromethane	10.99	129	7699	2.277	ug/l	99
61) 1,2-Dibromoethane	11.10	107	7909	2.328	ug/l	96
64) Tetrachloroethene	10.72	164	9048	2.825	ug/l	86
65) Chlorobenzene	11.52	112	19665	2.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	6931	2.387	ug/l	96
67) Ethyl Benzene	11.60	91	32734	2.255	ug/l	93
68) m/p-Xylenes	11.70	106	24895	4.494	ug/l	96
69) o-Xylene	12.03	106	13347	2.501	ug/l	87
70) Styrene	12.05	104	20524	2.233	ug/l	98
71) Bromoform	12.20	173	5716	2.386	ug/l #	94
73) Isopropylbenzene	12.33	105	31373	2.314	ug/l	99
74) N-amyl acetate	12.14	43	13547	2.098	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	11447	2.474	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	10894m	2.579	ug/l	
77) Bromobenzene	12.61	156	8137	2.559	ug/l	97
78) n-propylbenzene	12.67	91	34038	2.149	ug/l	97
79) 2-Chlorotoluene	12.75	91	21293	2.335	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	25289	2.235	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	4020	1.963	ug/l #	84
82) 4-Chlorotoluene	12.86	91	21291	2.305	ug/l	99
83) tert-Butylbenzene	13.08	119	23242	2.363	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	24658	2.181	ug/l	95
85) sec-Butylbenzene	13.25	105	29637	2.186	ug/l	97
86) p-Isopropyltoluene	13.37	119	25898	2.173	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	14594	2.532	ug/l	95
88) 1,4-Dichlorobenzene	13.45	146	14448	2.407	ug/l	85
89) n-Butylbenzene	13.70	91	22886	2.037	ug/l	98
90) Hexachloroethane	13.96	117	4944	2.193	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	14431	2.474	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3444	2.383	ug/l	95

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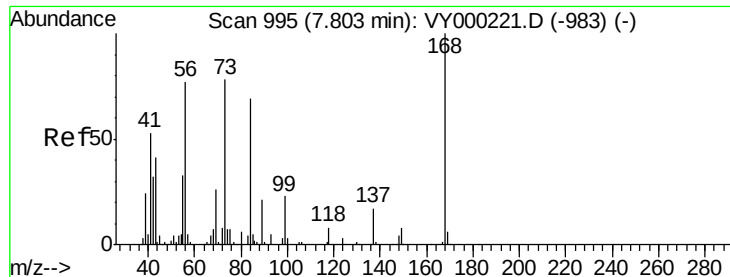
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	9105	2.299	ug/l	96
94) Hexachlorobutadiene	15.11	225	4022	2.125	ug/l	93
95) Naphthalene	15.23	128	34705	2.329	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	9428	2.475	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:168 Resp: 244228

Ion Ratio Lower Upper

168 100

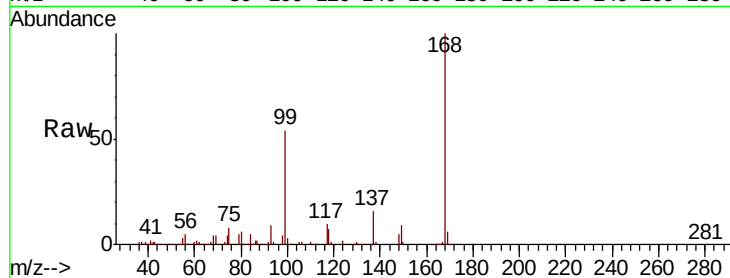
99 54.0 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

120000

100000

80000

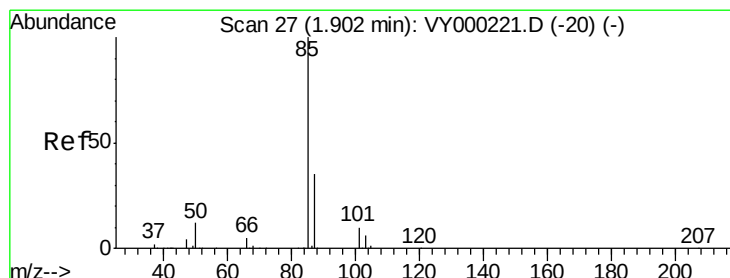
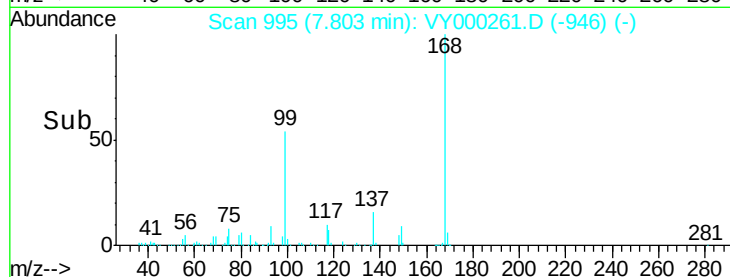
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.245 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000261.D

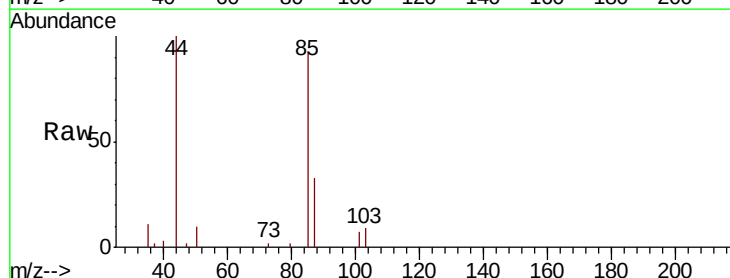
Acq: 10 Oct 2019 18:14

Tgt Ion: 85 Resp: 5473

Ion Ratio Lower Upper

85 100

87 35.8 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

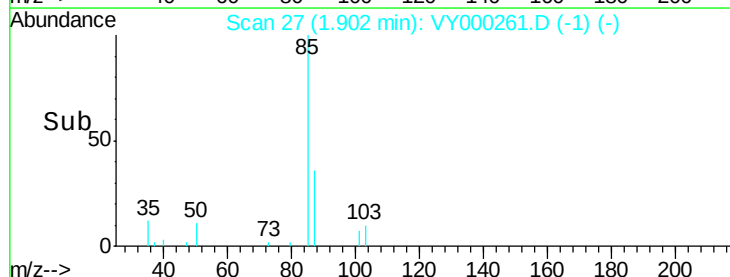
3000

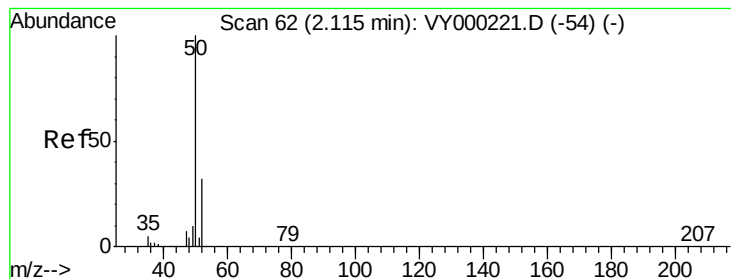
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.174 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 50 Resp: 7218

Ion Ratio Lower Upper

50 100

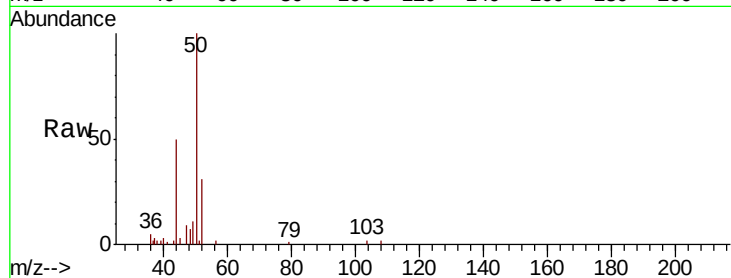
52 31.1 25.4 38.0

Manual Integrations

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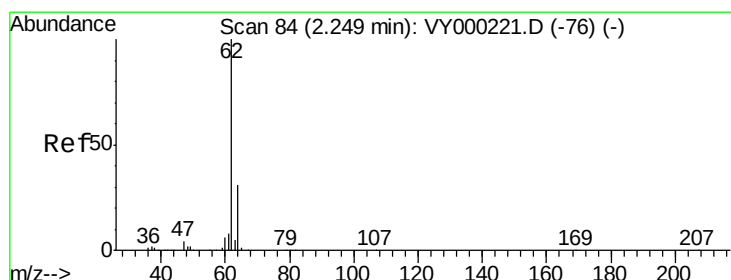
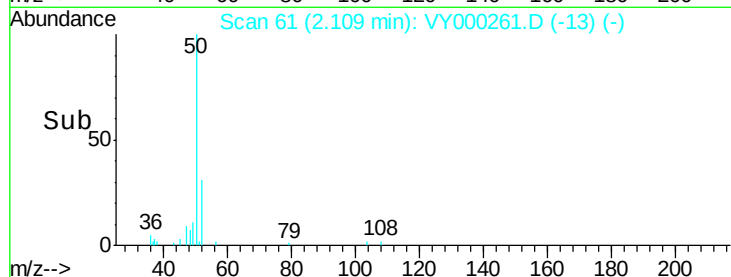
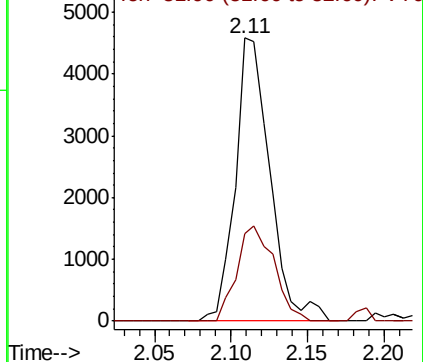
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.261 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000261.D

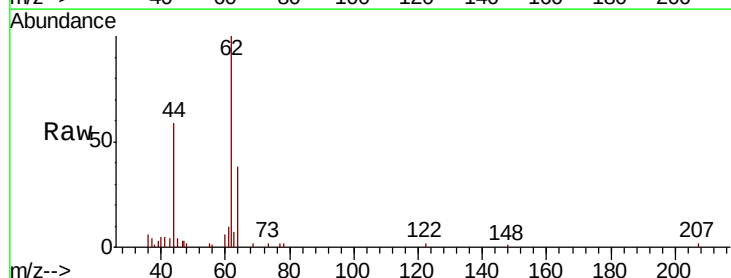
Acq: 10 Oct 2019 18:14

Tgt Ion: 62 Resp: 7751

Ion Ratio Lower Upper

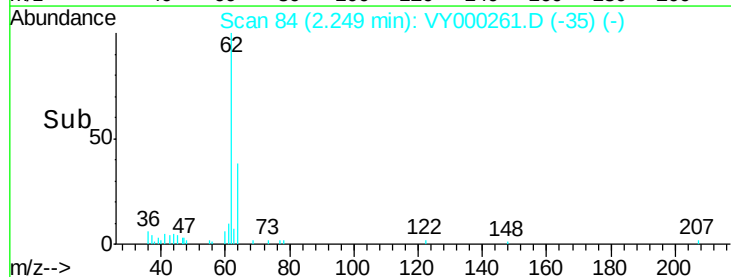
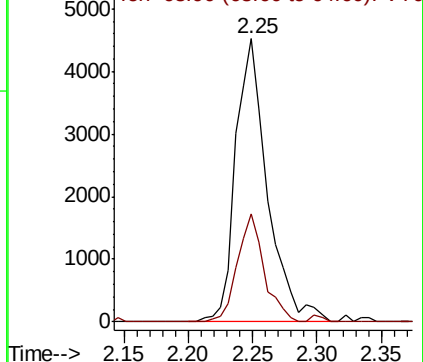
62 100

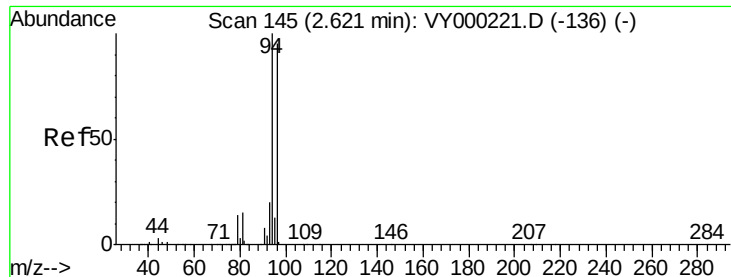
64 38.2 25.0 37.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.485 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

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ClientSampleId :

2.5PPBMDL

Tot Ion: 94 Resp: 7538

Ion Ratio Lower Upper

94 100

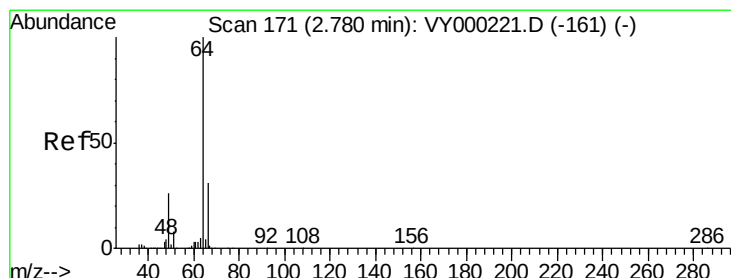
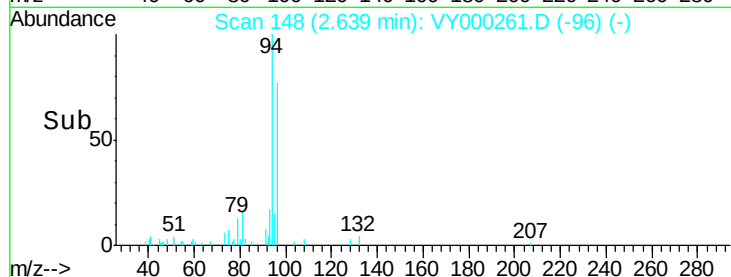
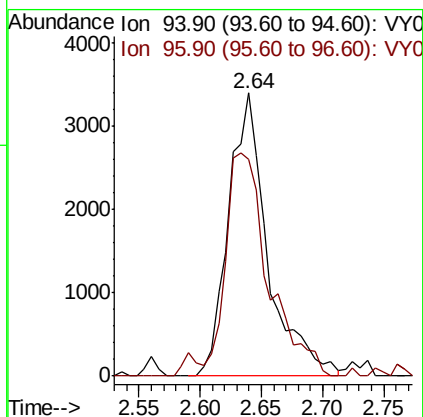
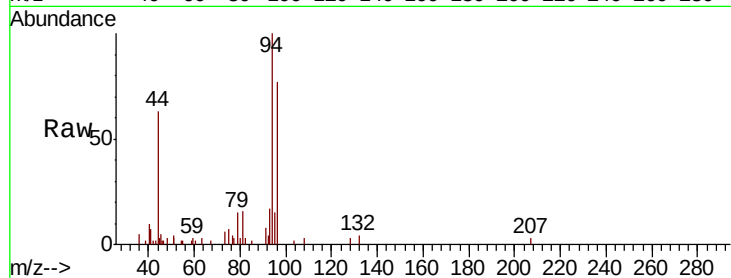
96 76.8 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 2.303 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000261.D

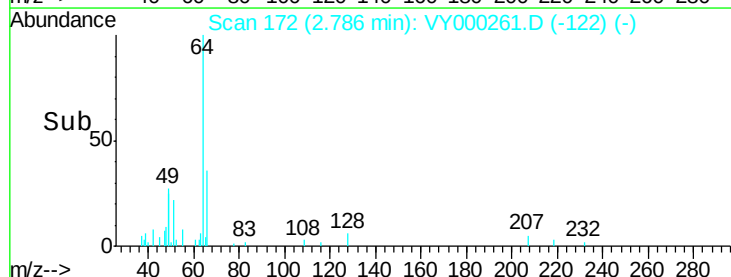
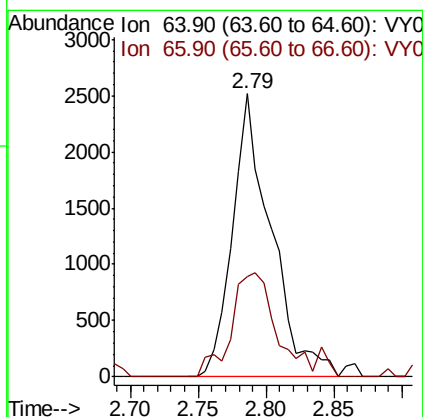
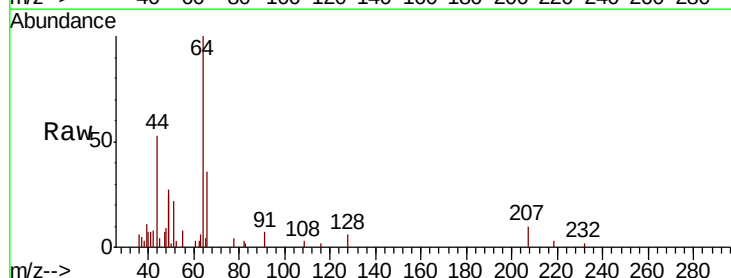
Acq: 10 Oct 2019 18:14

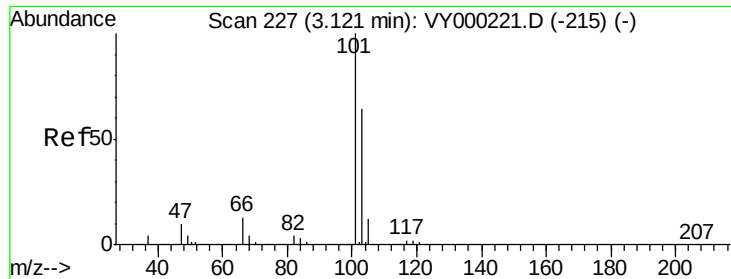
Tgt Ion: 64 Resp: 4987

Ion Ratio Lower Upper

64 100

66 35.5 24.5 36.7





#7

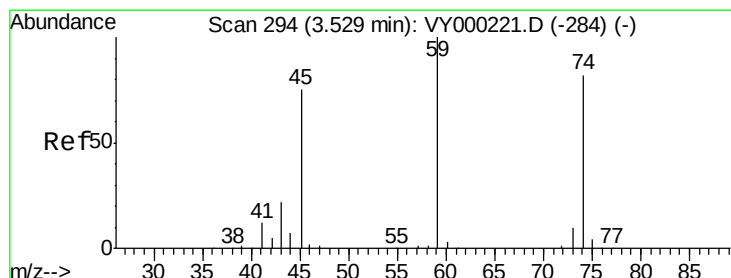
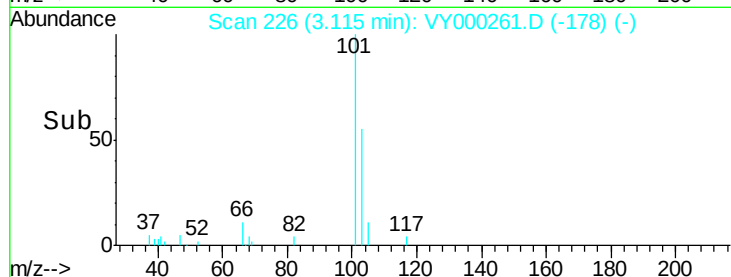
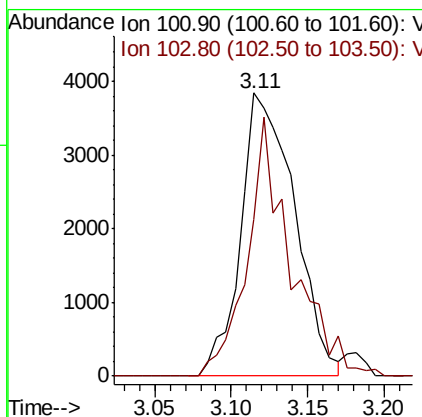
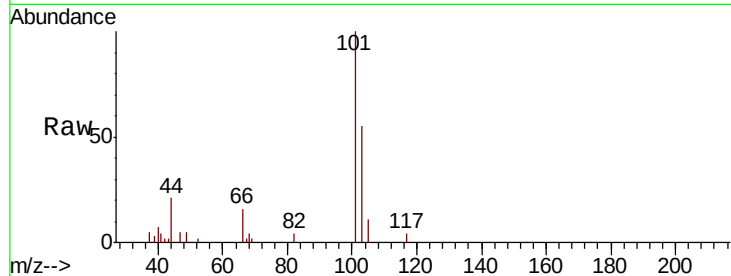
Trichlorofluoromethane
Concen: 2.119 ug/l
RT: 3.11 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

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ClientSampleId :
2.5PPBMDL

Tot Ion:101 Resp: 9388
Ion Ratio Lower Upper
101 100
103 55.2 51.0 76.6

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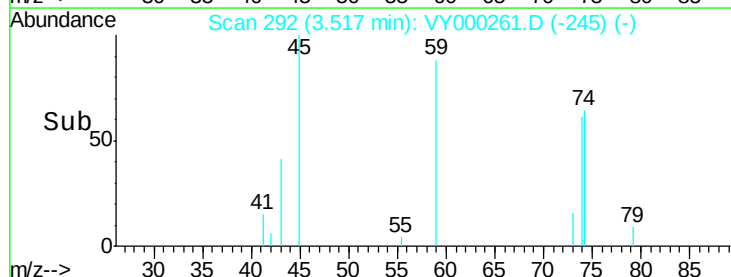
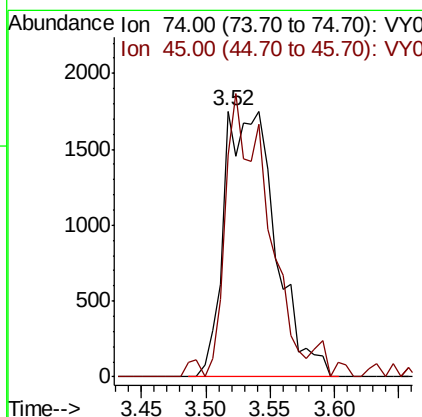
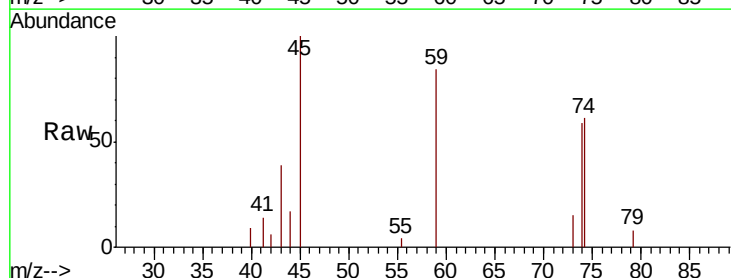
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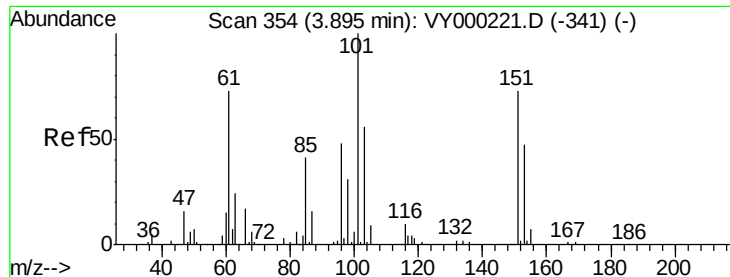


#8

Diethyl Ether
Concen: 2.396 ug/l
RT: 3.52 min Scan# 292
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 74 Resp: 4853
Ion Ratio Lower Upper
74 100
45 88.0 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.092 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

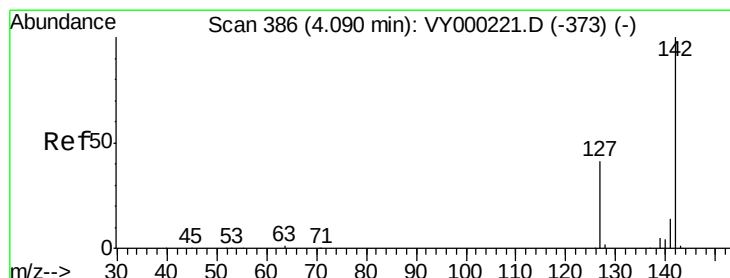
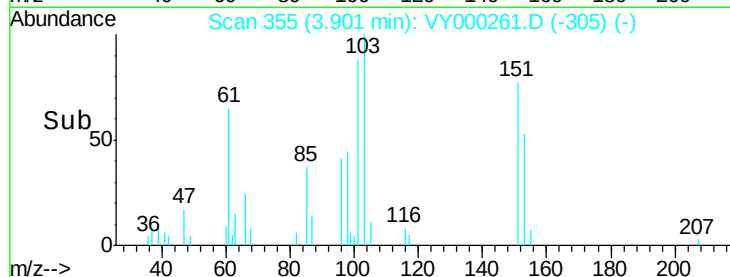
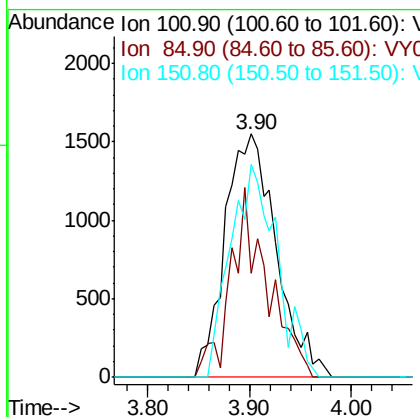
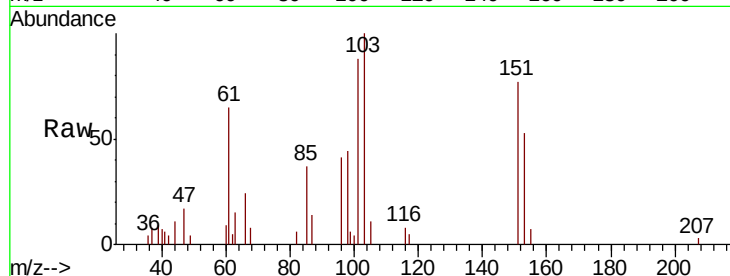
ClientSampleId :

2.5PPBMDL

Tot Ion:	101	Resp:	5412
Ion Ratio	Lower	Upper	
101	100		
85	54.9	37.0	55.6
151	79.9	63.0	94.4

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#10

Methyl Iodide

Concen: 1.547 ug/l

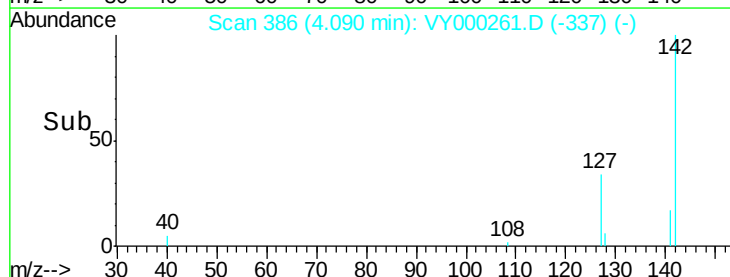
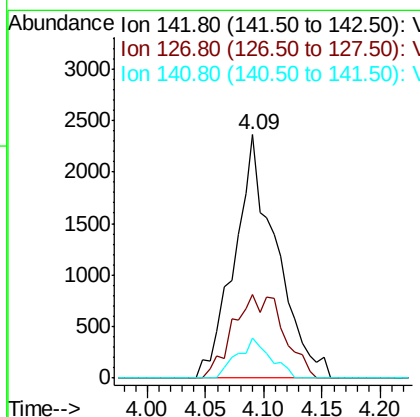
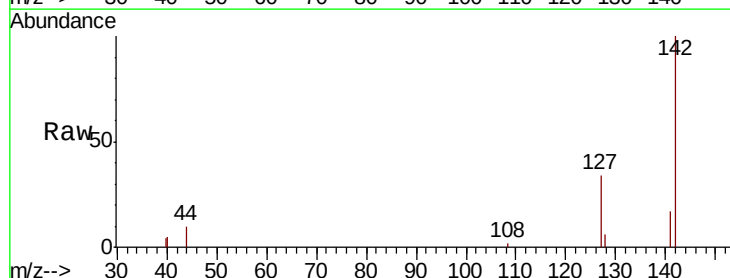
RT: 4.09 min Scan# 386

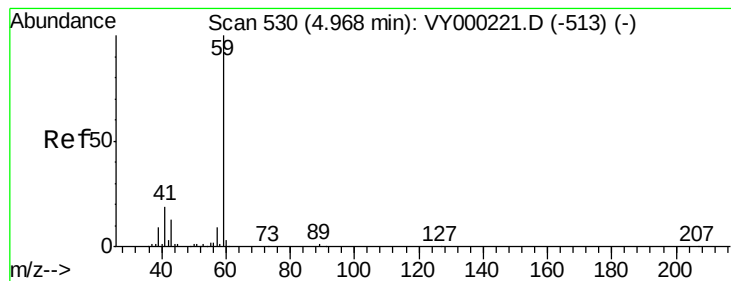
Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion:	142	Resp:	5901
Ion Ratio	Lower	Upper	
142	100		
127	23.2	33.0	49.6#
141	13.1	11.0	16.4





#11

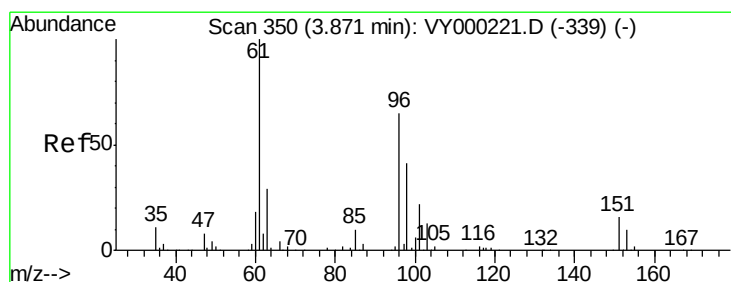
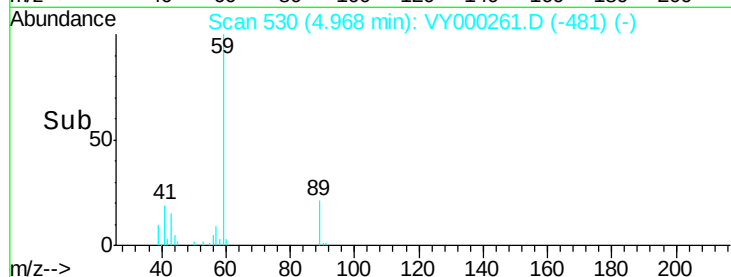
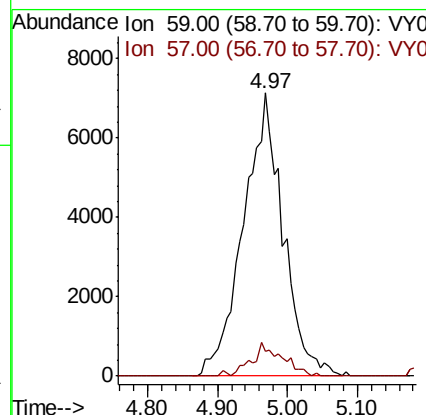
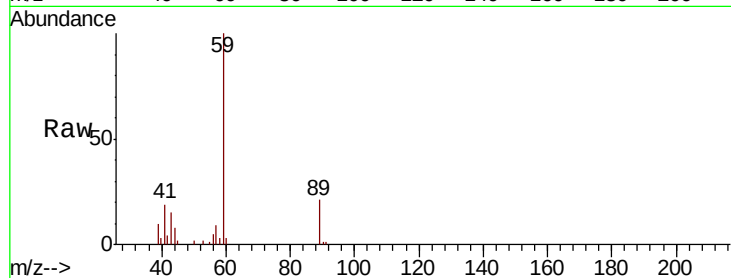
Tert butyl alcohol
Concen: 16.497 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
59	100	28152		
57	8.8		8.0	12.0

Manual Integrations
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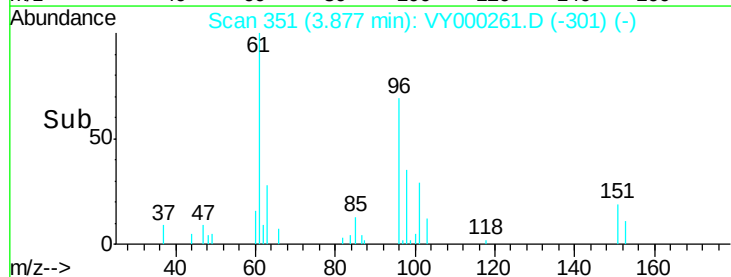
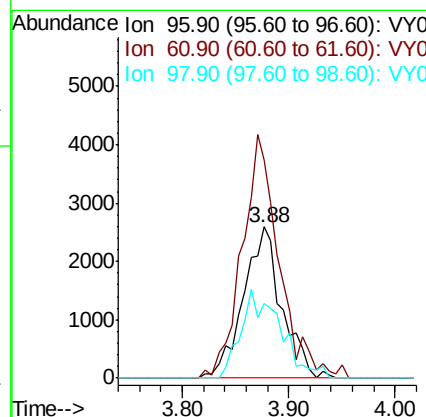
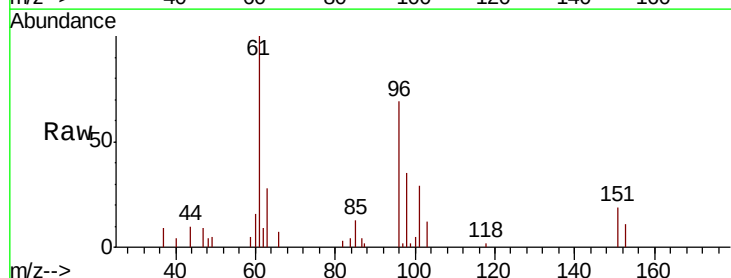
MMDadoda
10/14/2019 1:34:08 PM

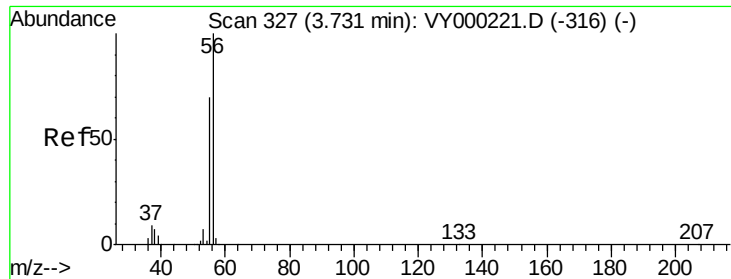


#12

1,1-Dichloroethene
Concen: 2.441 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	6555		
61	144.3		123.8	185.8
98	49.9		50.9	76.3#





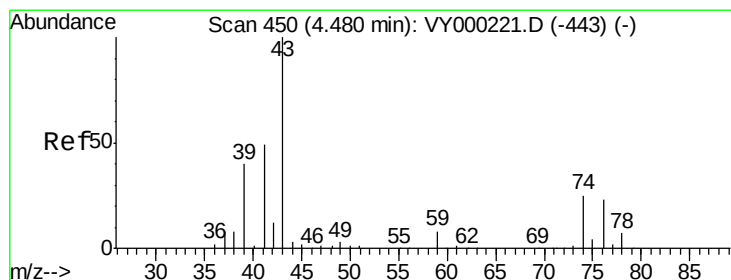
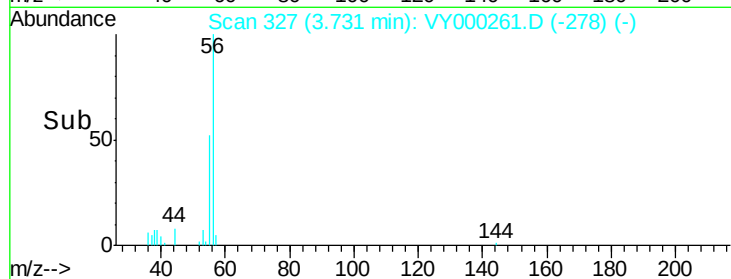
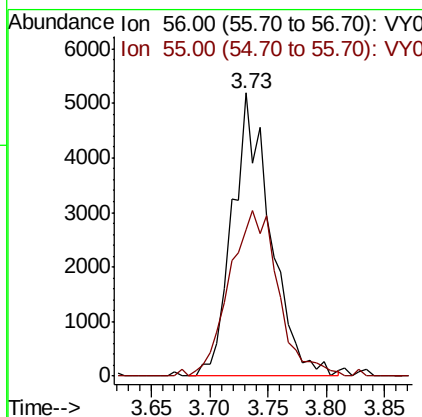
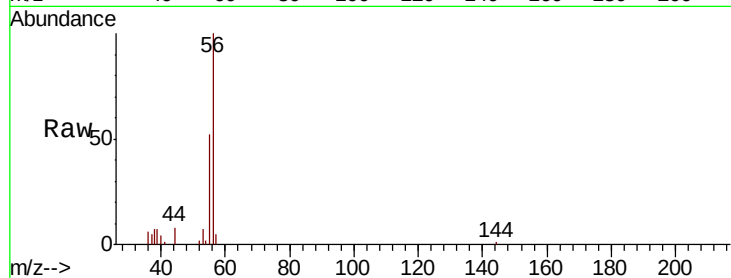
#13
Acrolein
Concen: 13.214 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	56	Resp	11837
Ion Ratio	100	Lower	Upper
55	75.2	55.2	82.8

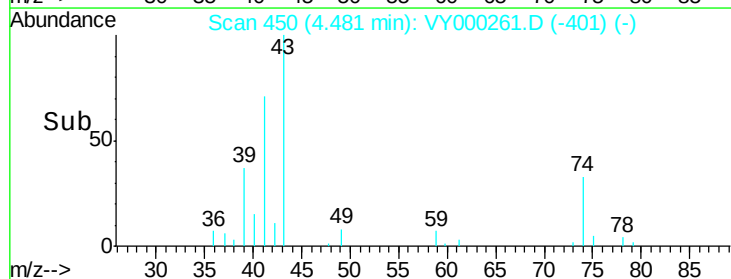
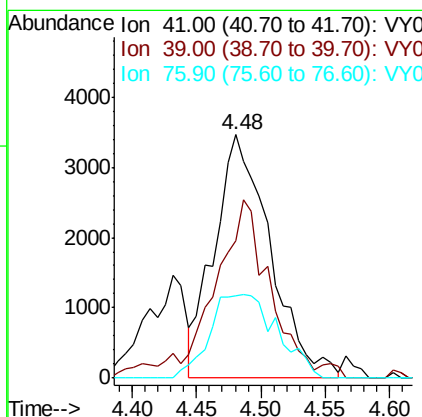
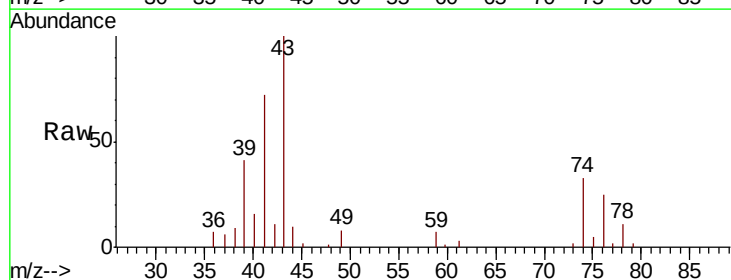
Manual Integrations
APPROVED

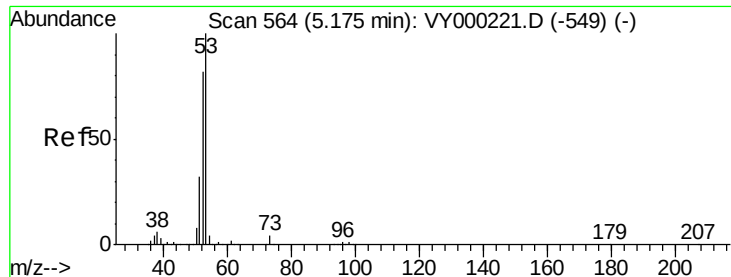
MMDadoda
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#14
Allyl chloride
Concen: 2.313 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	41	Resp	10466
Ion Ratio	100	Lower	Upper
39	76.2	56.4	84.6
76	41.4	30.8	46.2





#15

Acrylonitrile

Concen: 12.006 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

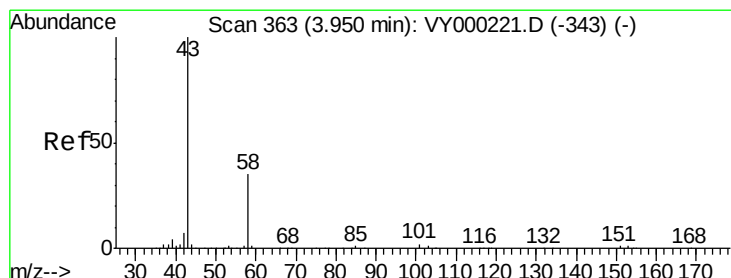
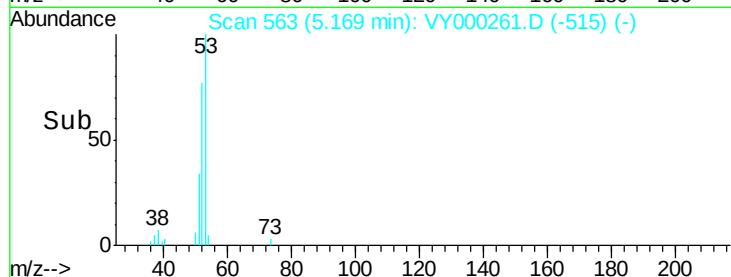
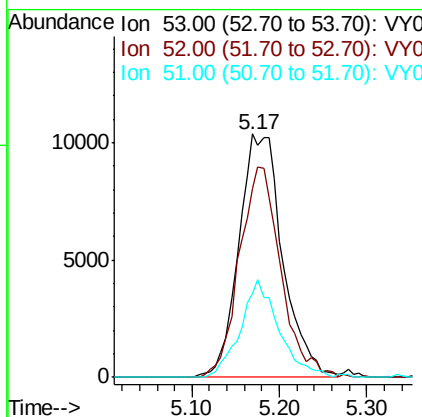
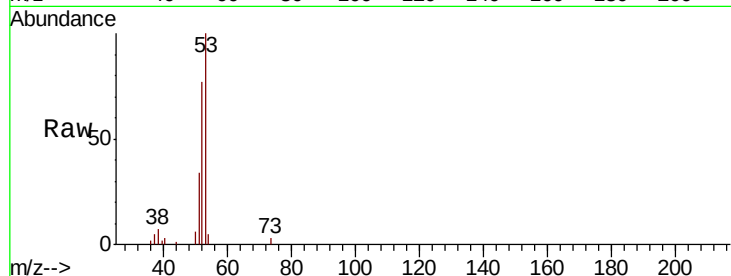
ClientSampleId :

2.5PPBMDL

Tot Ion:	53	Resp:	36168
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.4	98.2
51	35.0	27.2	40.8

Manual Integrations
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#16

Acetone

Concen: 14.435 ug/l

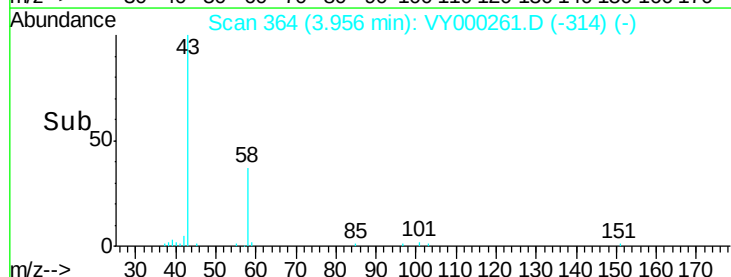
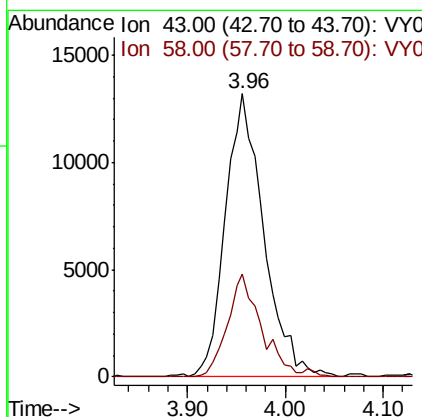
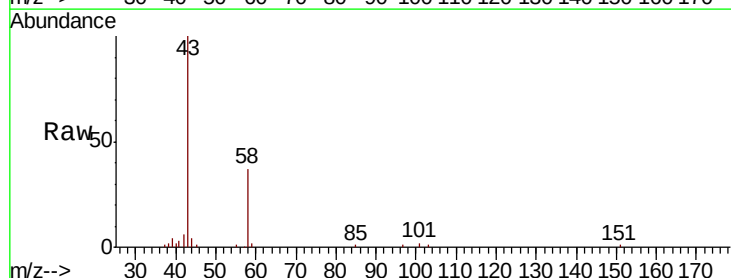
RT: 3.96 min Scan# 364

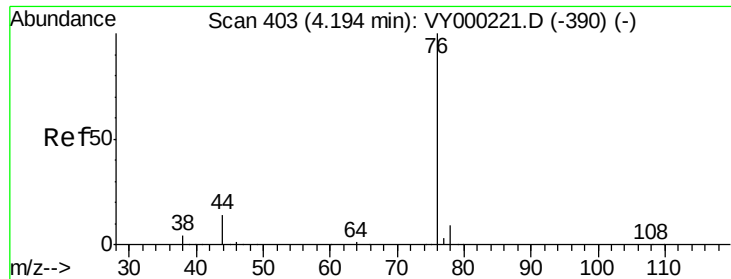
Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion:	43	Resp:	35911
Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.2	42.4





#17

Carbon Disulfide

Concen: 1.941 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 76 Resp: 15364

Ion Ratio Lower Upper

76 100

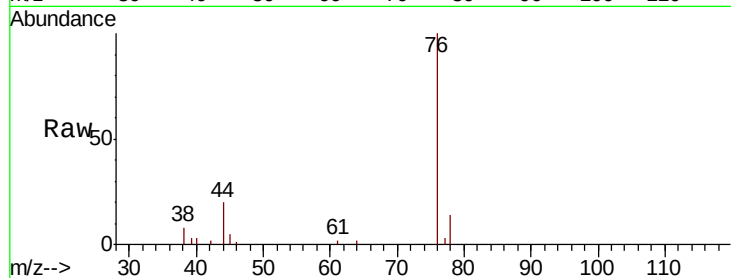
78 13.7 7.0 10.6#

Manual Integrations

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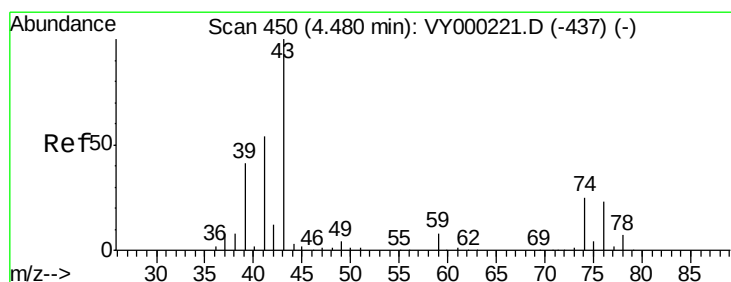
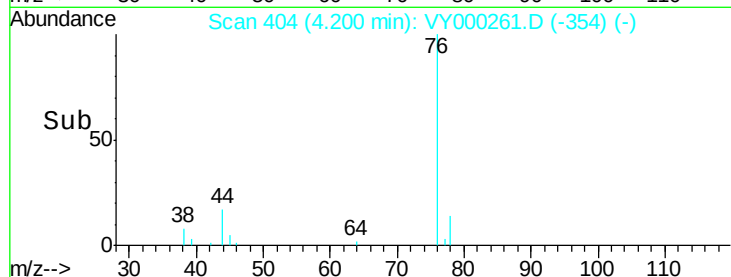
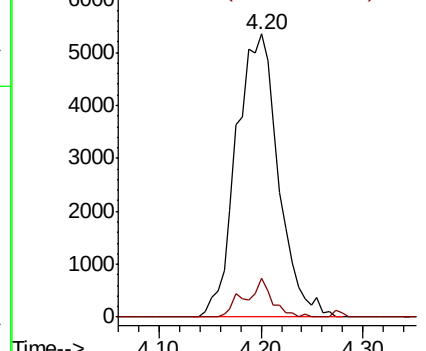
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 2.575 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000261.D

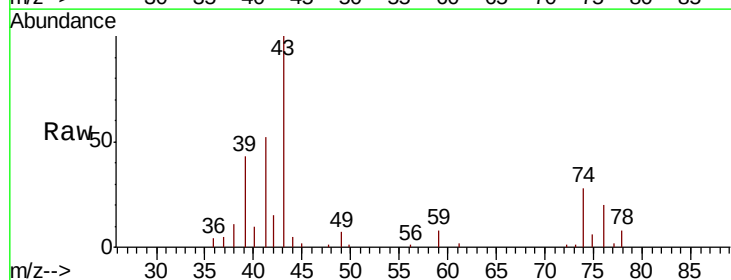
Acq: 10 Oct 2019 18:14

Tgt Ion: 43 Resp: 17558

Ion Ratio Lower Upper

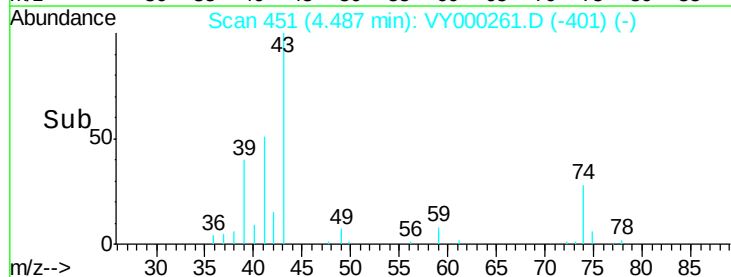
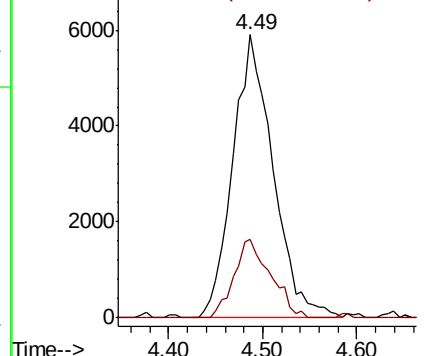
43 100

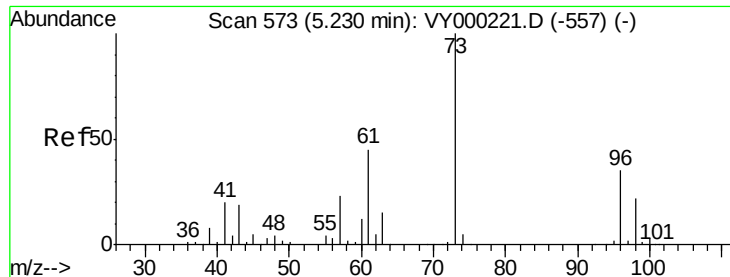
74 25.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





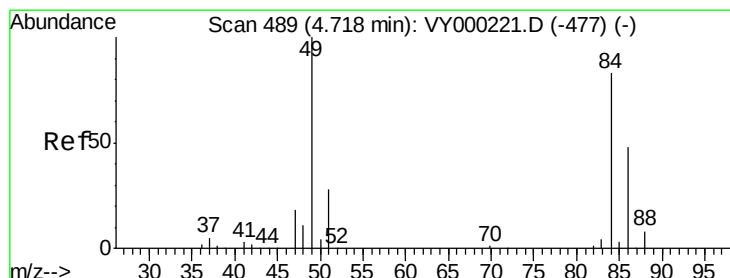
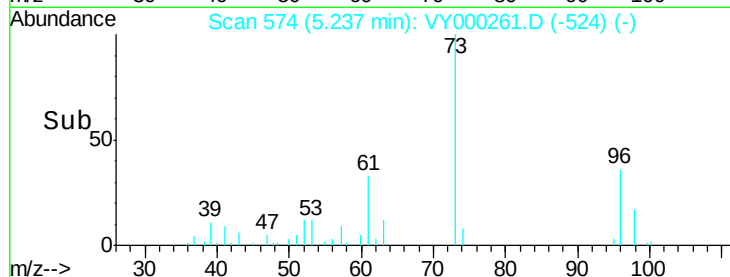
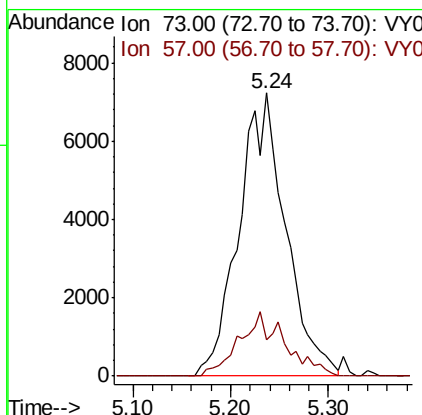
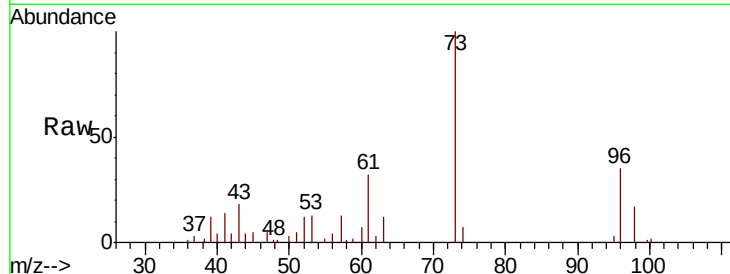
#19
Methyl tert-butyl Ether
Concen: 2.442 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 73 Resp: 23989
Ion Ratio Lower Upper
73 100
57 13.0 18.4 27.6#

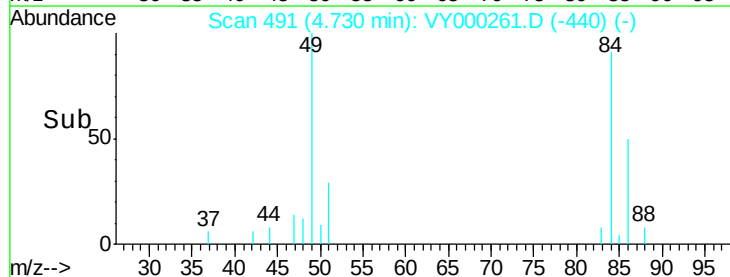
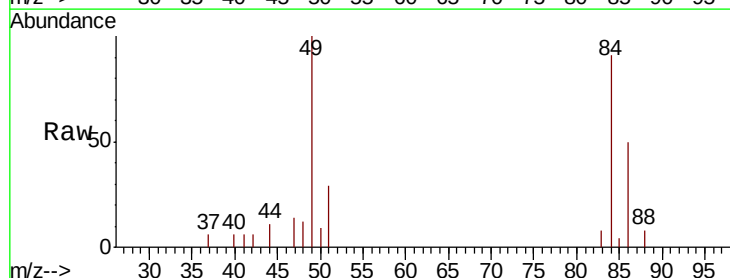
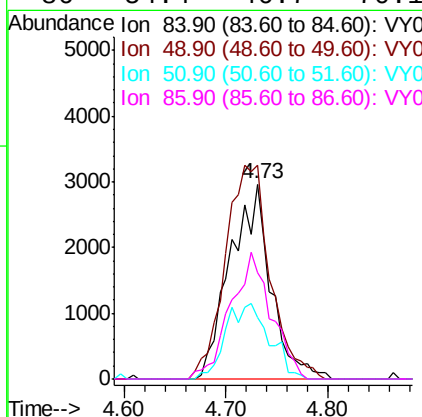
Manual Integrations
APPROVED

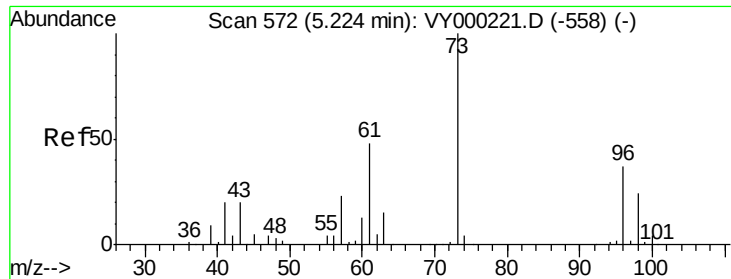
MMDadoda
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#20
Methylene Chloride
Concen: 2.516 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 84 Resp: 8224
Ion Ratio Lower Upper
84 100
49 109.5 96.2 144.2
51 31.7 26.6 39.8
86 54.4 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 2.403 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

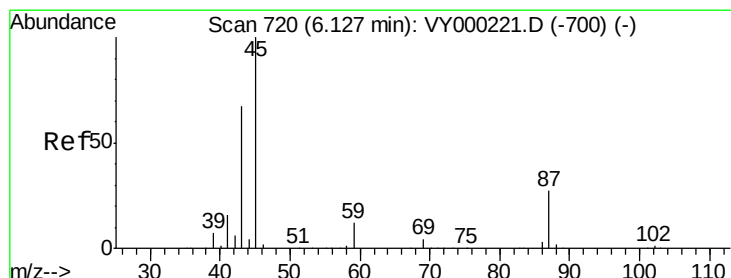
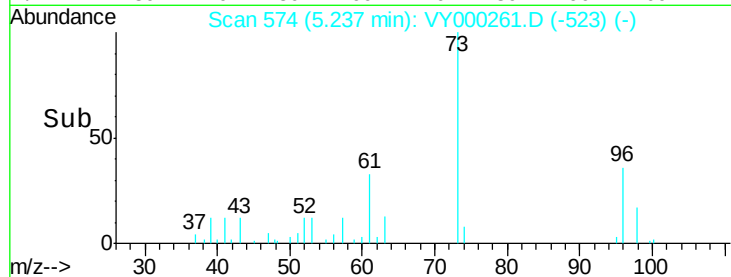
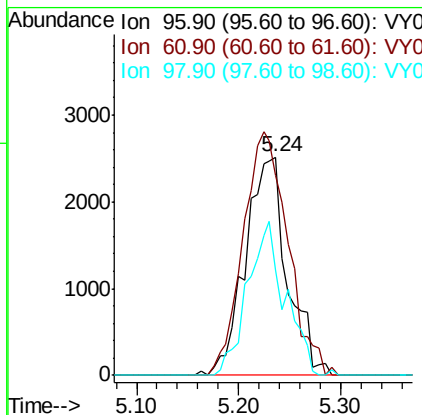
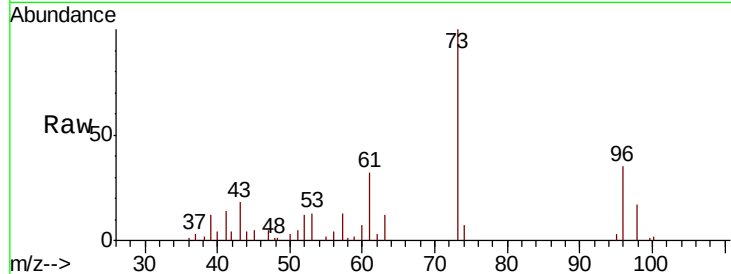
ClientSampleId :

2.5PPBMDL

Tot Ion:	96	Resp:	7259
Ion	Ratio	Lower	Upper
96	100		
61	91.5	104.2	156.2#
98	48.3	51.0	76.6#

Manual Integrations
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#22

Diisopropyl ether

Concen: 2.286 ug/l

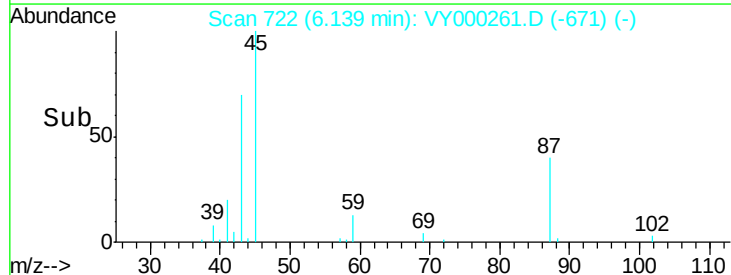
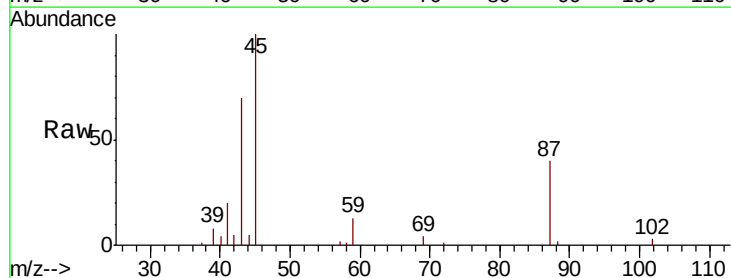
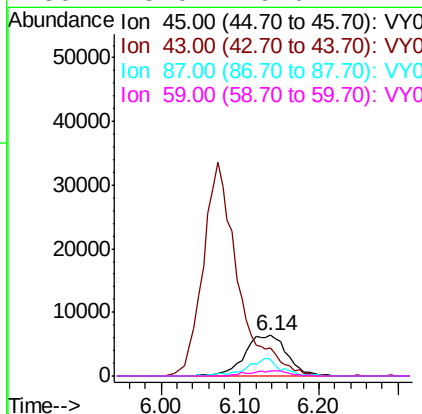
RT: 6.14 min Scan# 722

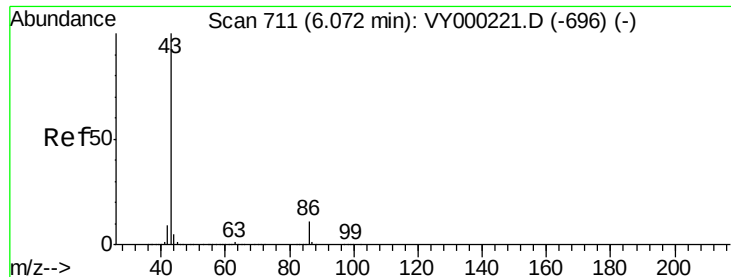
Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion:	45	Resp:	23966
Ion	Ratio	Lower	Upper
45	100		
43	68.6	53.4	80.2
87	39.9	21.7	32.5#
59	13.0	9.6	14.4





#23

Vinyl Acetate

Concen: 10.933 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 103802

Ion Ratio Lower Upper

43 100

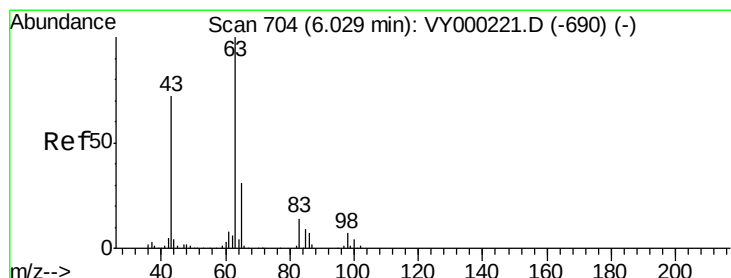
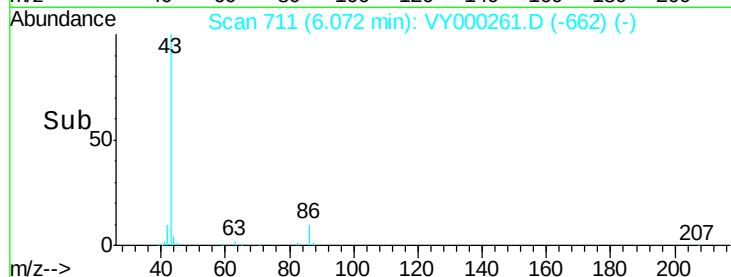
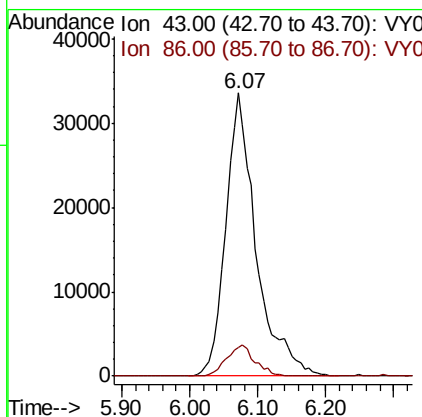
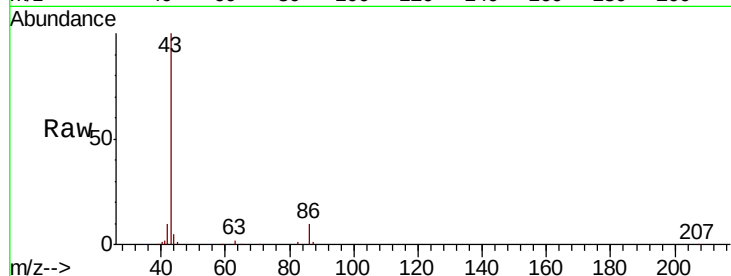
86 10.1 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 2.313 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

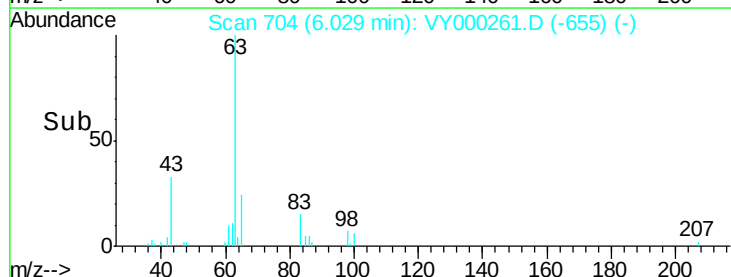
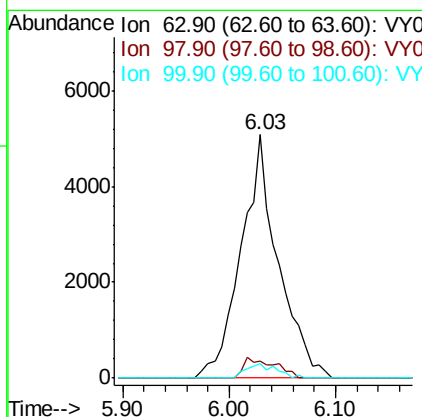
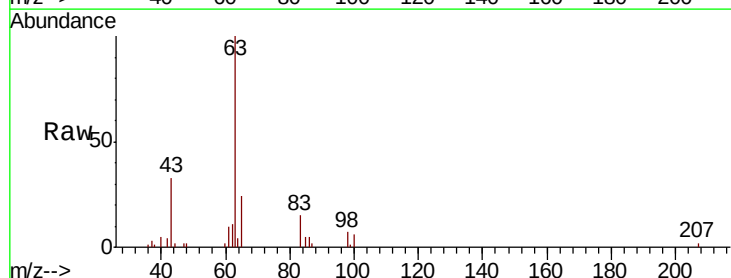
Tgt Ion: 63 Resp: 12366

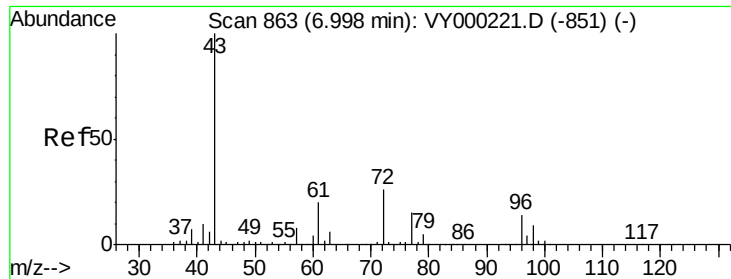
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 6.2 2.1 6.5





#25

2-Butanone

Concen: 12.261 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 56430

Ion Ratio Lower Upper

43 100

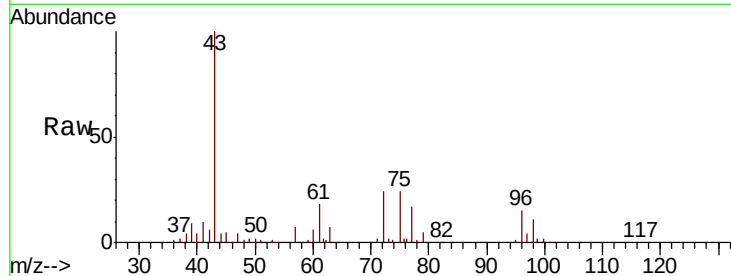
72 24.2 20.6 31.0

Manual Integrations

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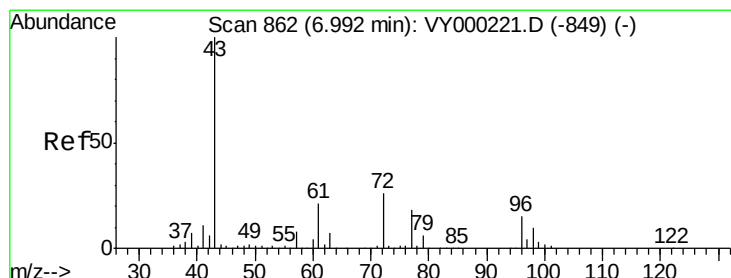
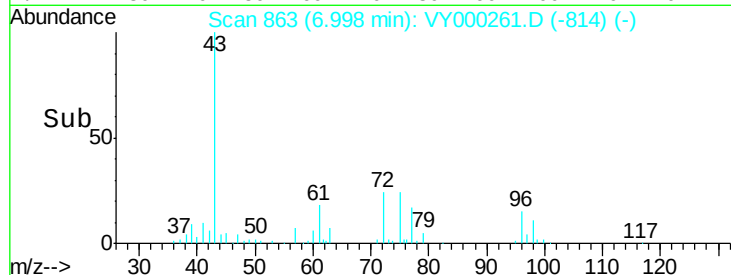
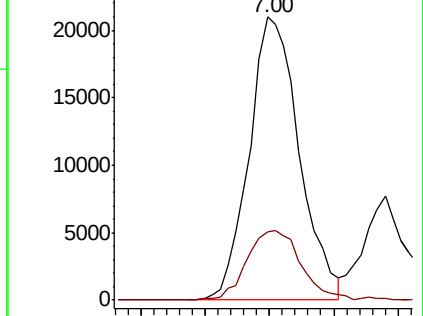
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 2.373 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000261.D

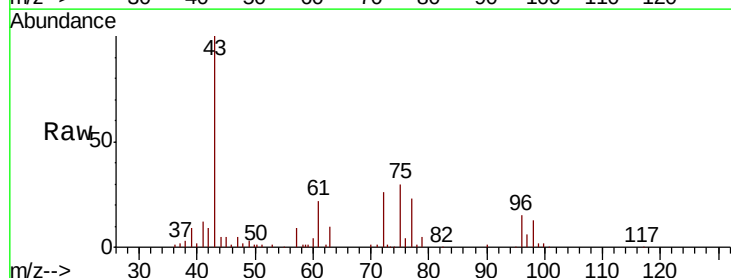
Acq: 10 Oct 2019 18:14

Tgt Ion: 77 Resp: 11452

Ion Ratio Lower Upper

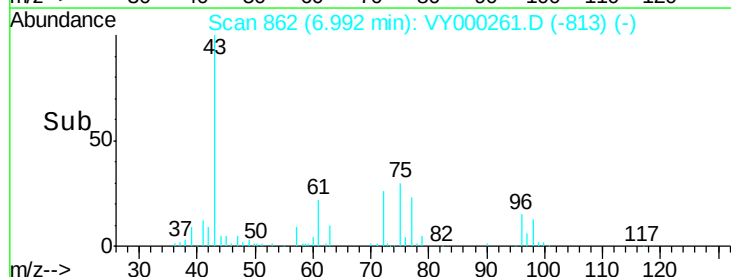
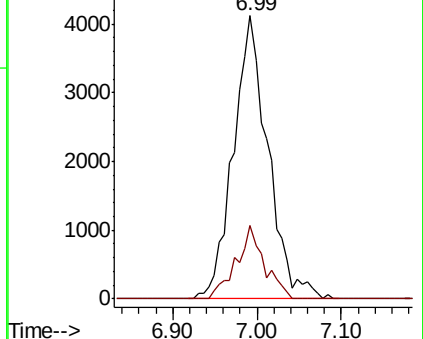
77 100

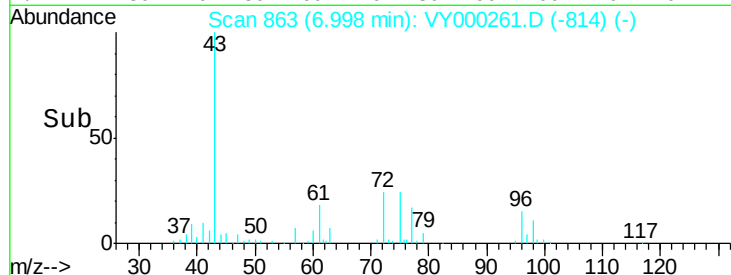
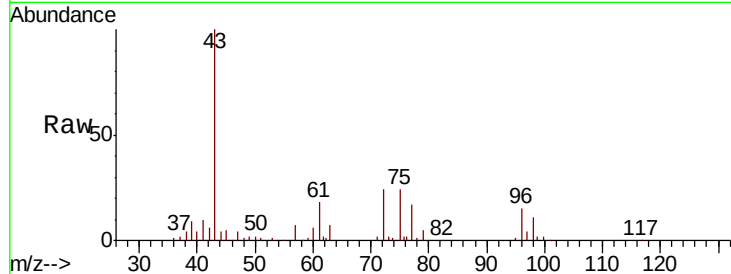
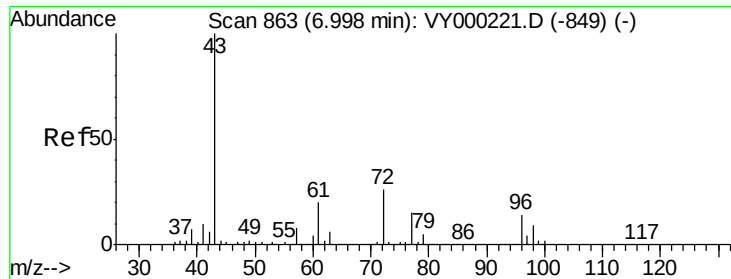
97 20.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

cis-1,2-Dichloroethene

Concen: 2.218 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000261.D

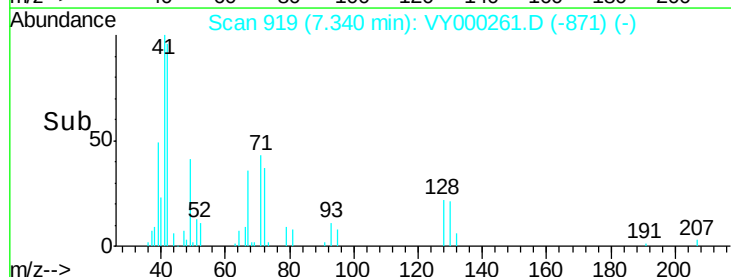
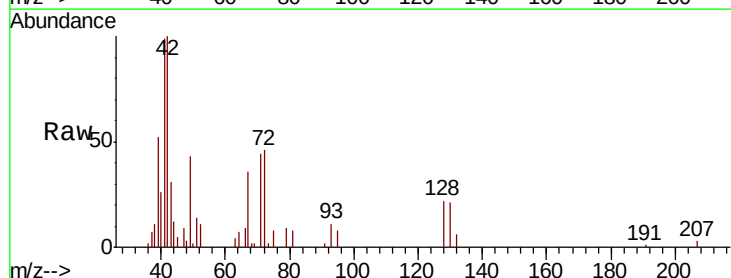
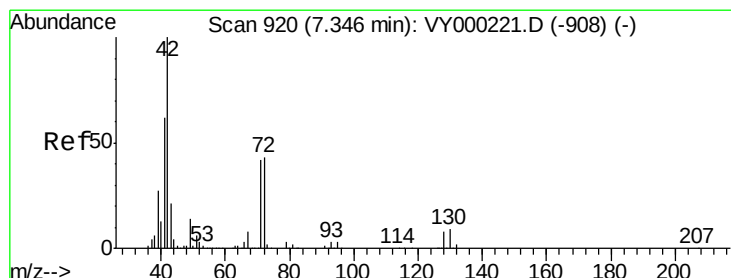
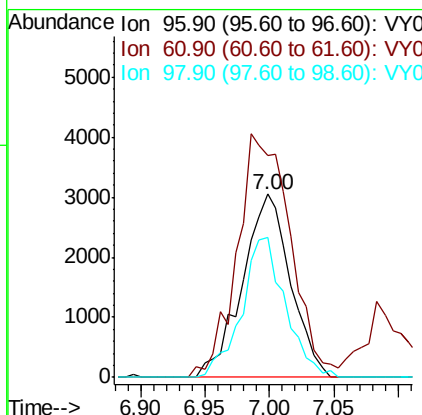
Acq: 10 Oct 2019 18:14

Tot Ion:	96	Resp:	7892
Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	282.6
98	69.1	0.0	129.8

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Manual Integrations
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10/14/2019 1:34:08 PM



#28

Bromochloromethane

Concen: 3.027 ug/l

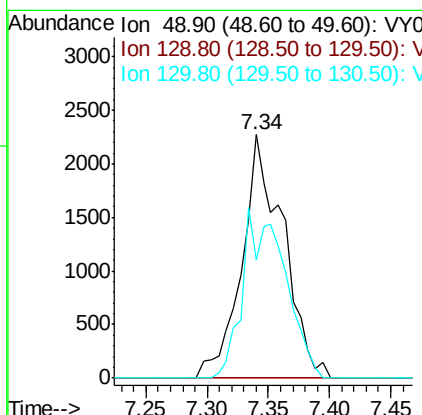
RT: 7.34 min Scan# 919

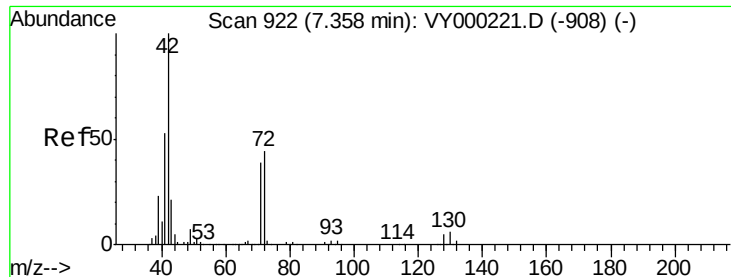
Delta R.T. -0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion:	49	Resp:	5328
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	71.5	56.5	84.7





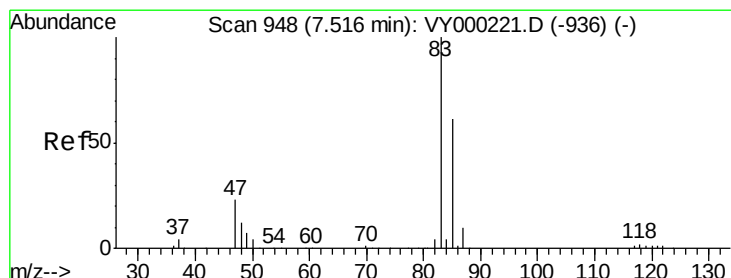
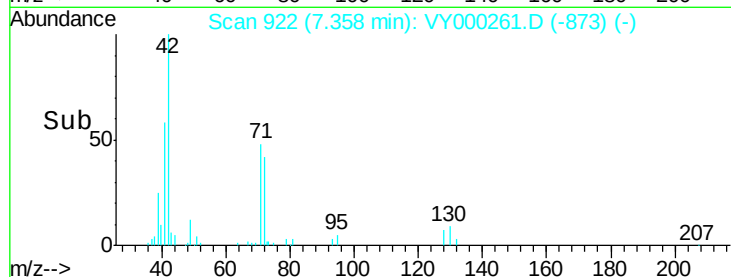
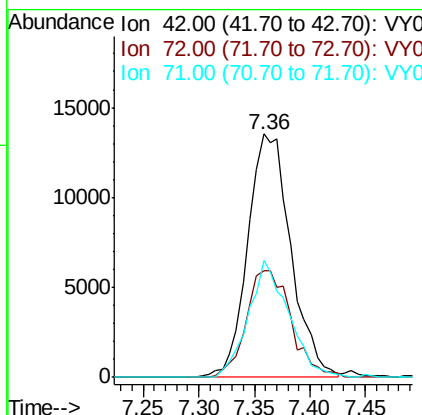
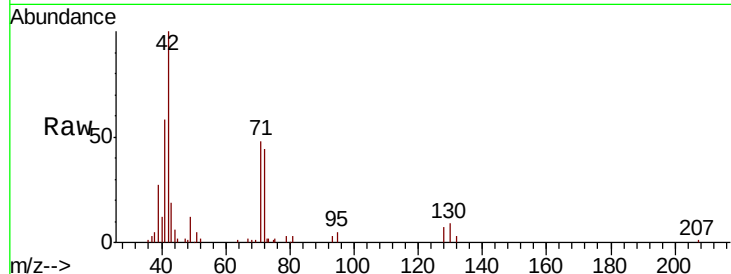
#29
Tetrahydrofuran
Concen: 11.228 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.6	51.8
71	44.8	31.9	47.9

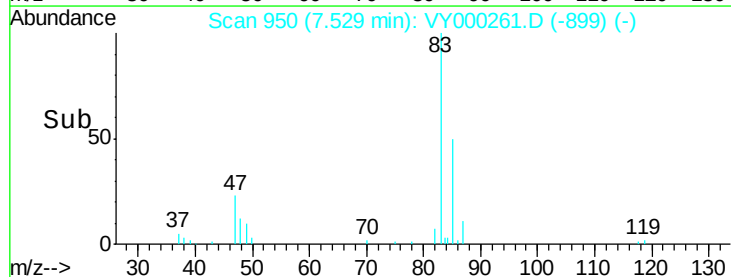
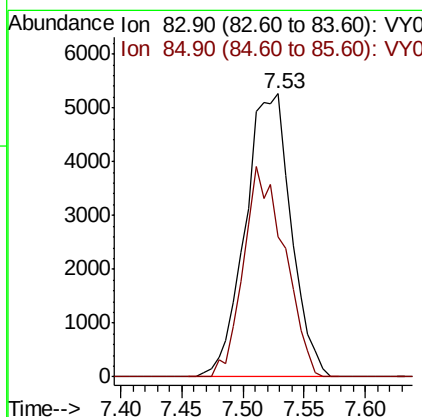
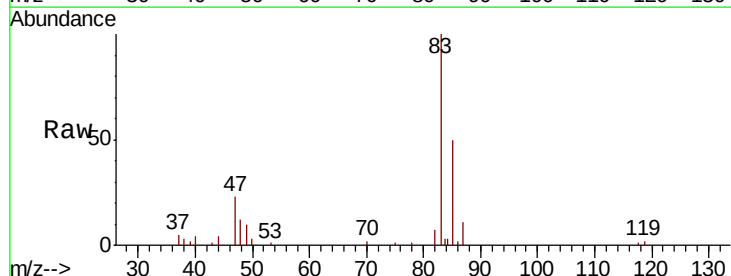
Manual Integrations
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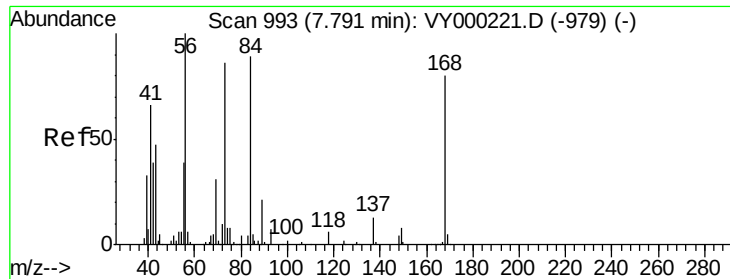
MMDadoda
10/14/2019 1:34:08 PM



#30
Chloroform
Concen: 2.475 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	49.5	48.9	73.3





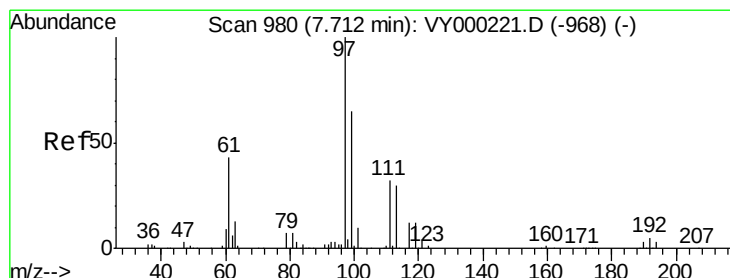
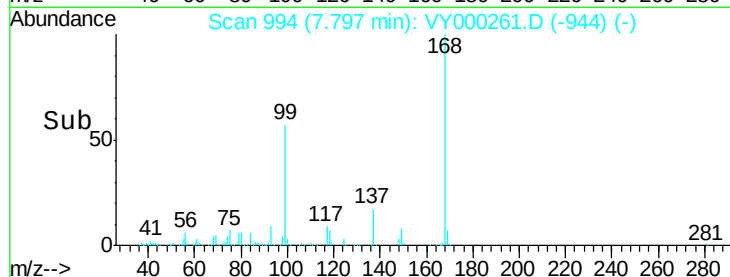
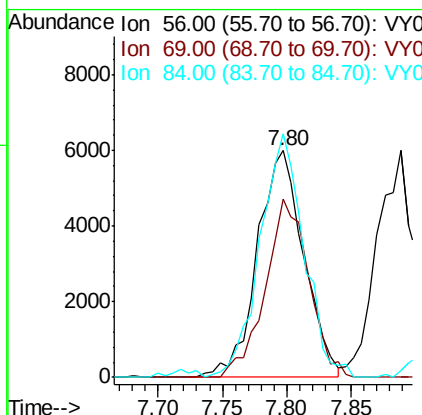
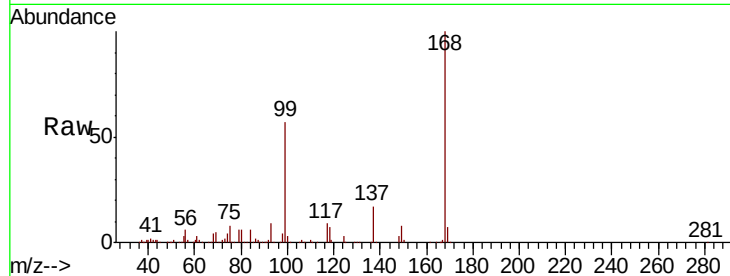
#31
Cyclohexane
Concen: 2.772 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	78.9	24.7	37.1#	
84	105.3	71.3	106.9	

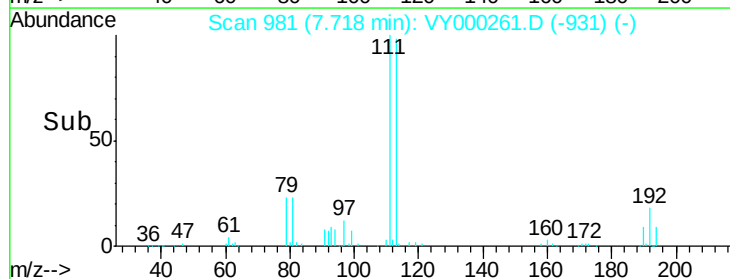
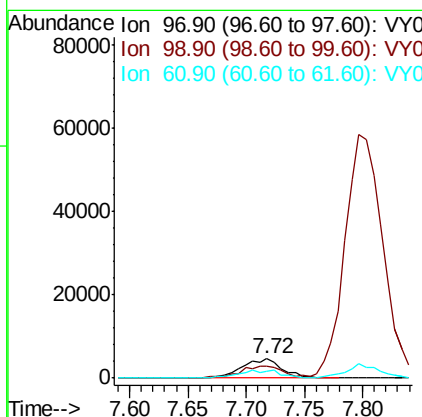
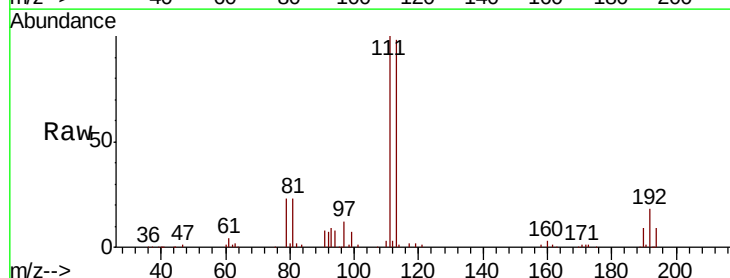
Manual Integrations
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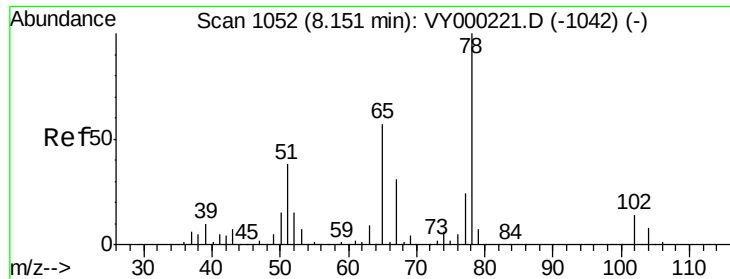
MMDadoda
10/14/2019 1:34:08 PM



#32
1,1,1-Trichloroethane
Concen: 2.341 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	67.3	51.4	77.2	
61	43.7	34.2	51.4	





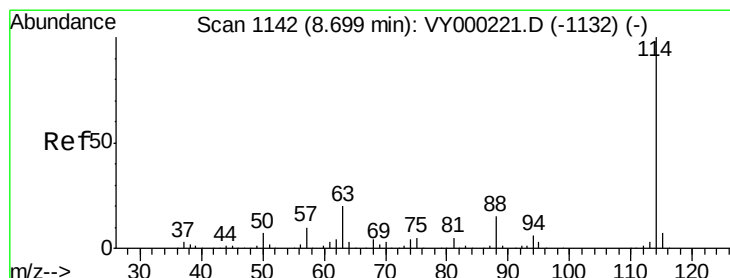
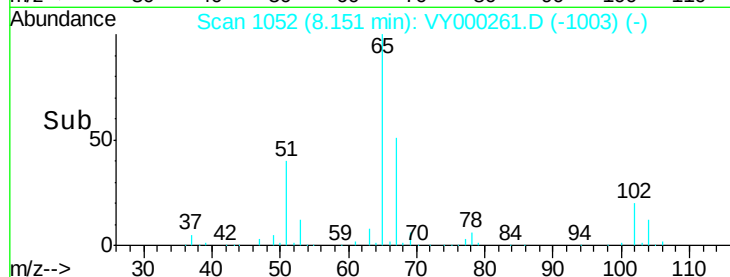
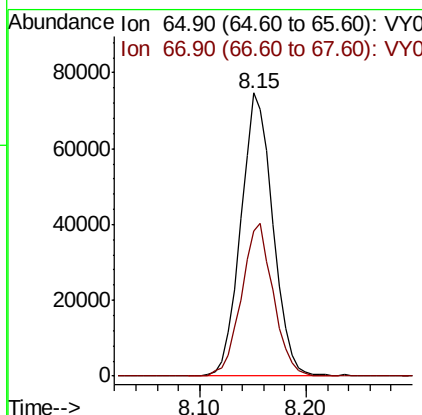
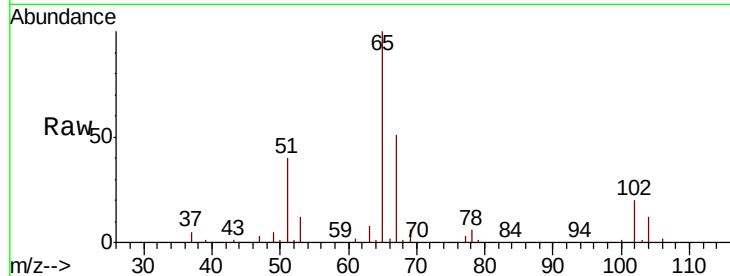
#33
 1,2-Dichloroethane-d4
 Concen: 50.245 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157826		
67	53.5	0.0	109.0	

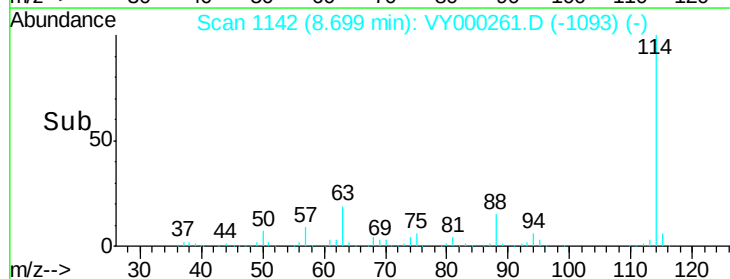
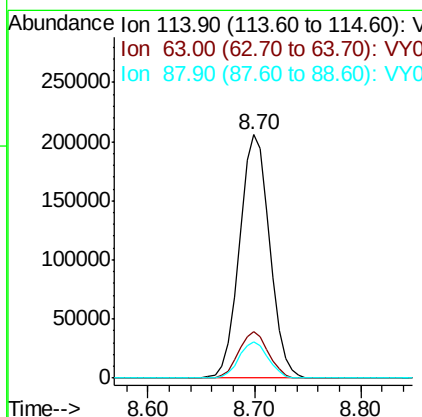
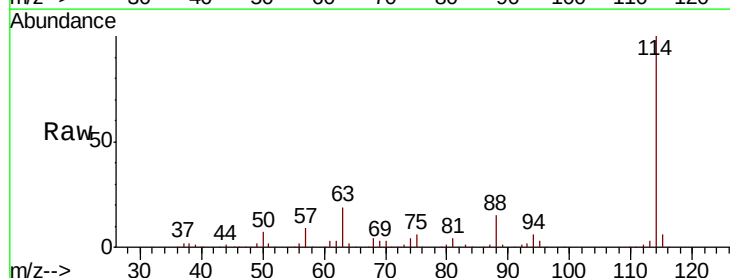
Manual Integrations
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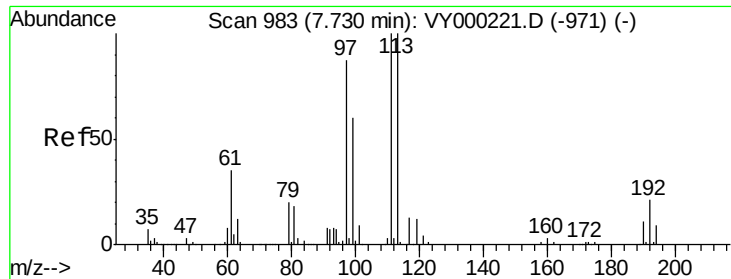
MMDadoda
 10/14/2019 1:34:08 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409759		
63	19.1	0.0	39.0	
88	14.9	0.0	30.6	





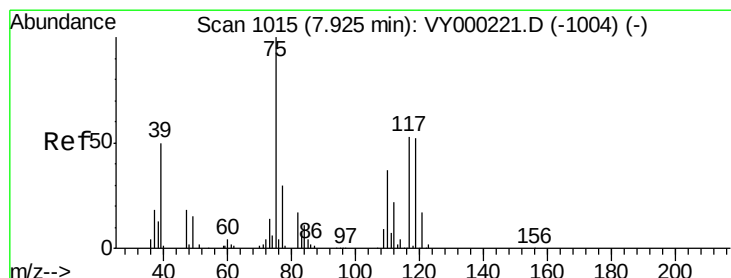
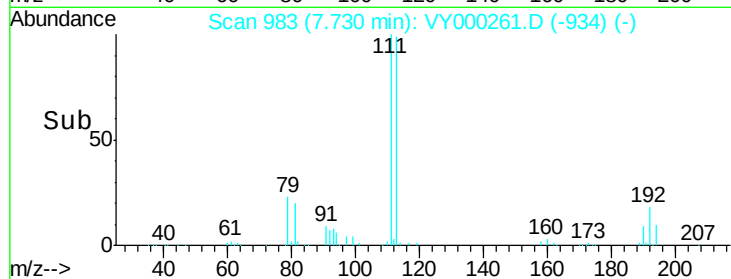
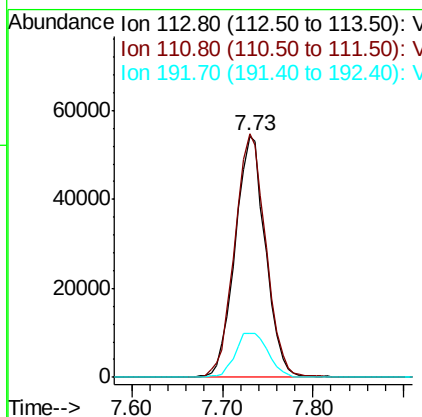
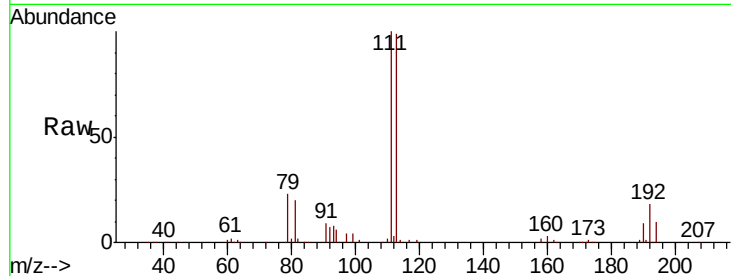
#35
 Dibromofluoromethane
 Concen: 49.302 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.8	82.6	124.0	
192	19.9	15.8	23.8	

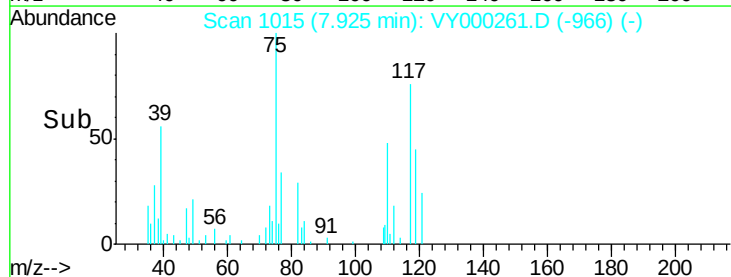
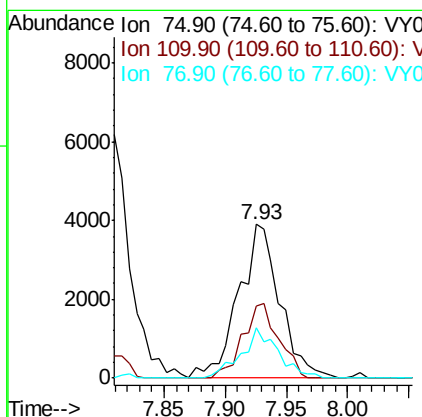
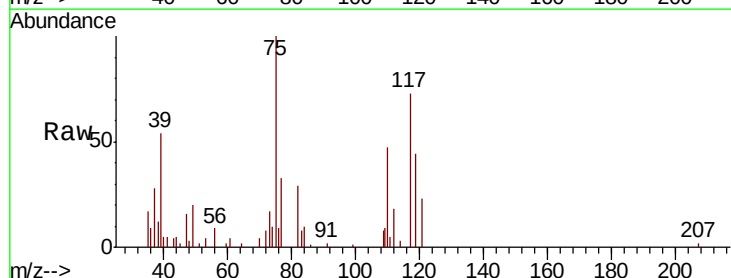
Manual Integrations
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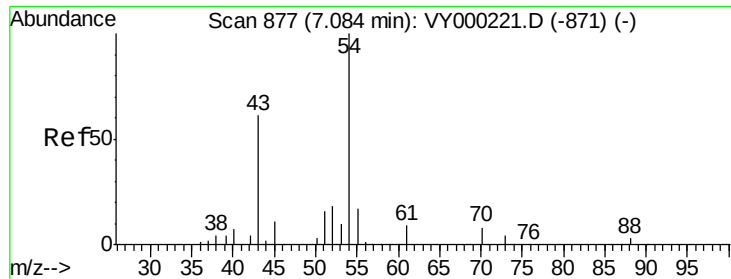
MMDadoda
 10/14/2019 1:34:08 PM



#36
 1,1-Dichloropropene
 Concen: 2.185 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	42.1	18.4	55.2	
77	29.3	24.7	37.1	





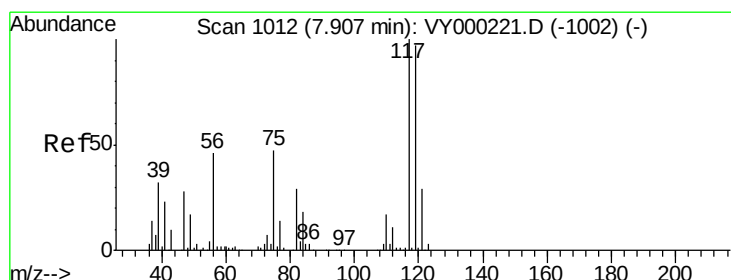
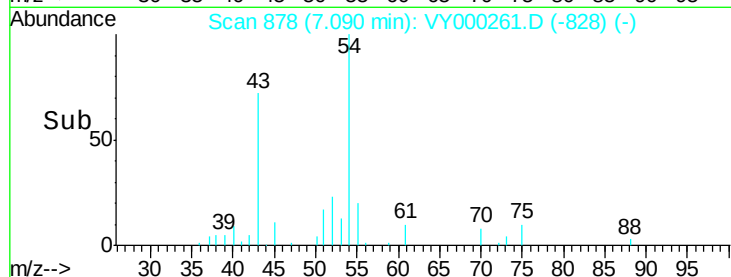
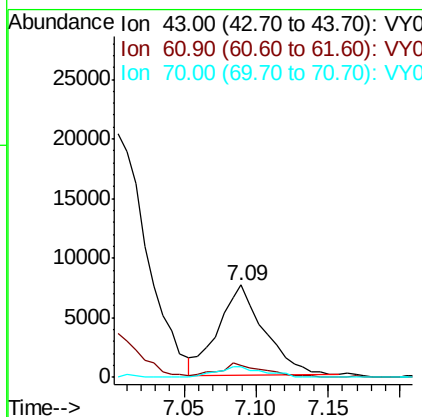
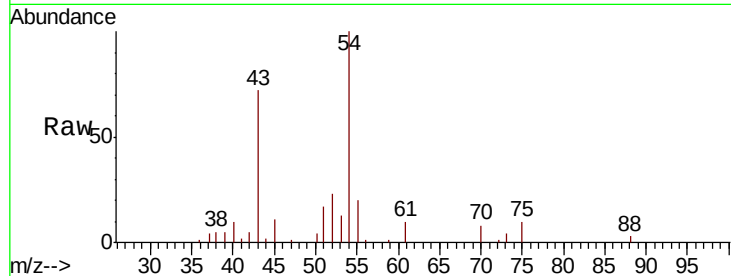
#37
Ethyl Acetate
Concen: 2.263 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	43	Resp	17053
Ion Ratio	100	Lower	Upper
43	100		
61	15.7	11.1	16.7
70	11.8	8.5	12.7

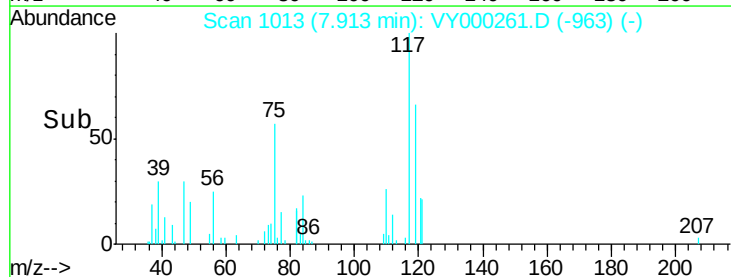
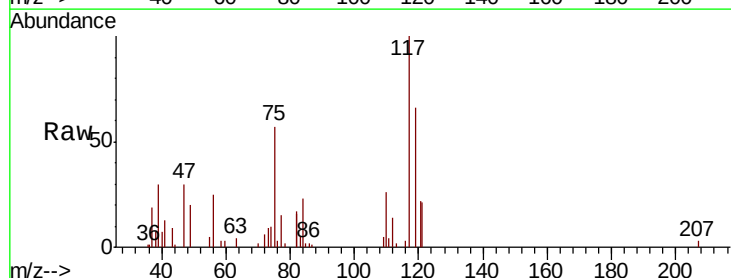
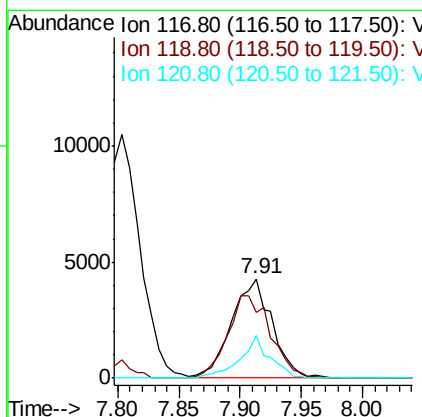
Manual Integrations
APPROVED

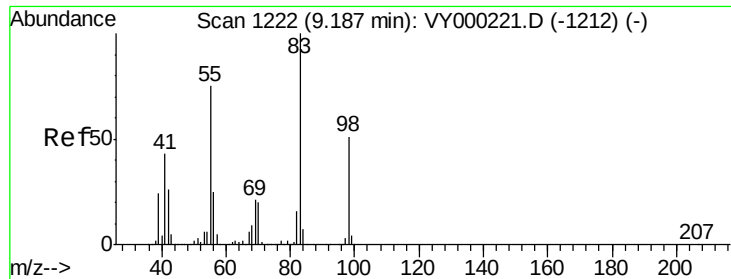
MMDadoda
10/14/2019 1:34:08 PM



#38
Carbon Tetrachloride
Concen: 2.435 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	117	Resp	9893
Ion Ratio	100	Lower	Upper
117	100		
119	66.0	77.2	115.8#
121	42.9	23.1	34.7#





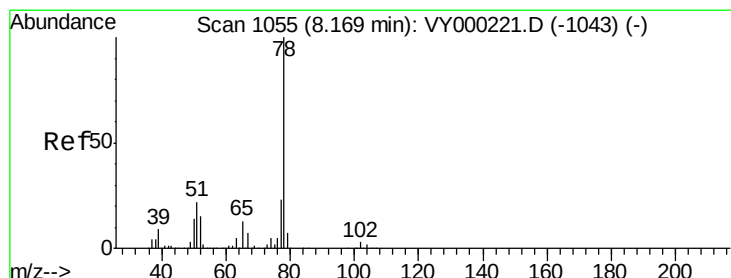
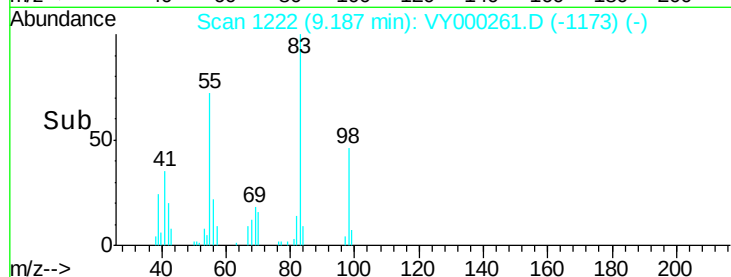
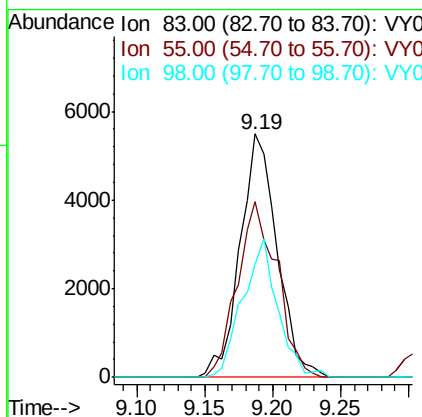
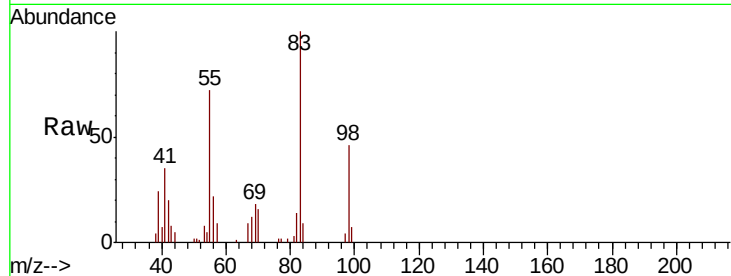
#39
Methylvlcyclohexane
Concen: 1.999 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	83	Resp	10458
Ion Ratio	Lower	Upper	
83	100		
55	72.3	60.2	90.4
98	46.3	40.5	60.7

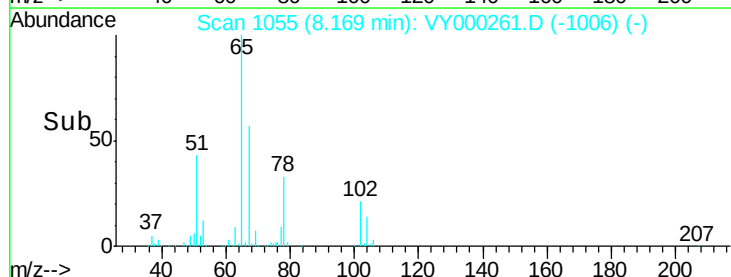
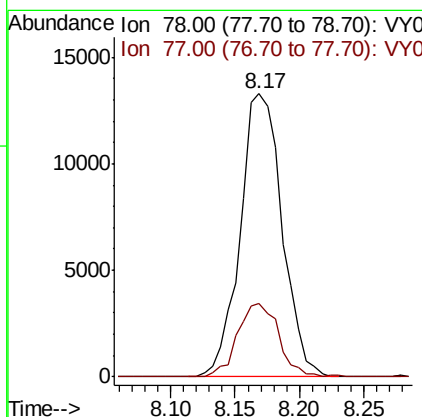
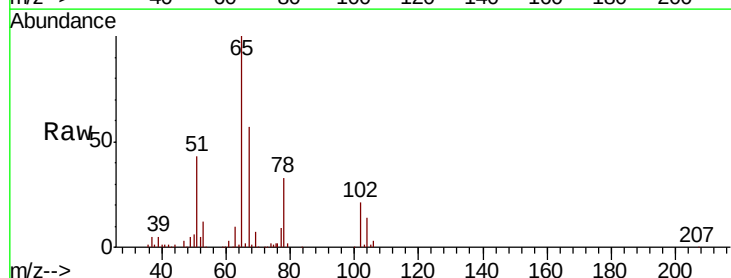
Manual Integrations
APPROVED

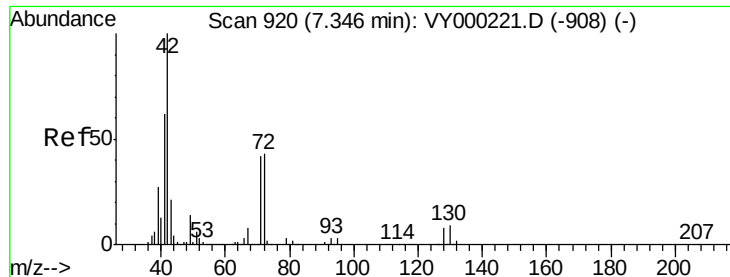
MMDadoda
10/14/2019 1:34:08 PM



#40
Benzene
Concen: 2.364 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	78	Resp	29901
Ion Ratio	Lower	Upper	
78	100		
77	25.7	18.6	28.0





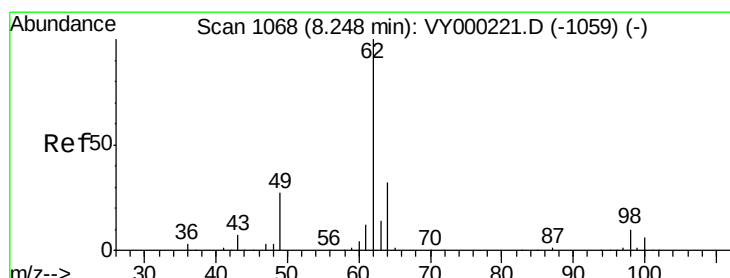
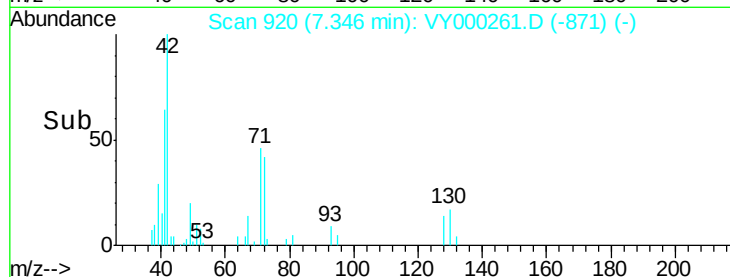
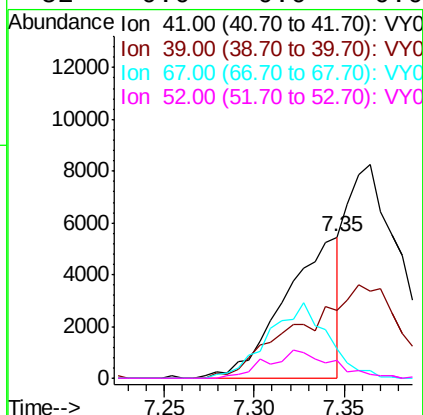
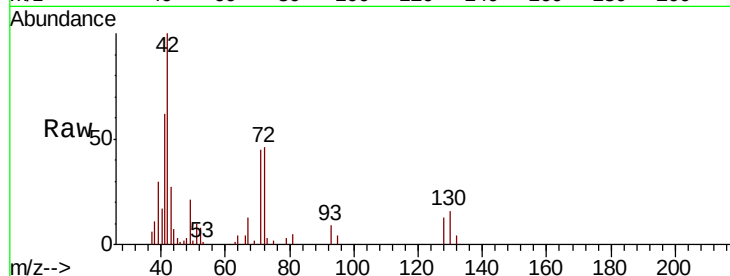
#41
Methacrylonitrile
Concen: 1.961 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	41	Resp	11634
Ion	Ratio	Lower	Upper
41	100		
39	121.2	74.7	112.1#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

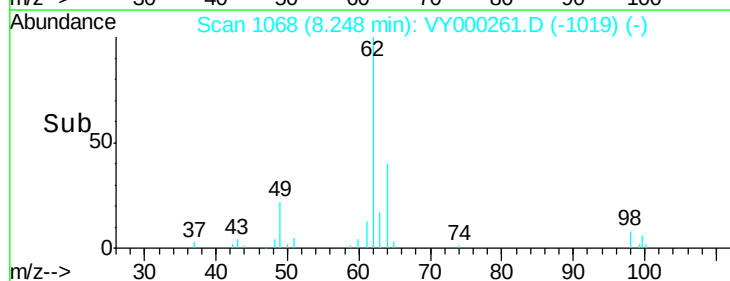
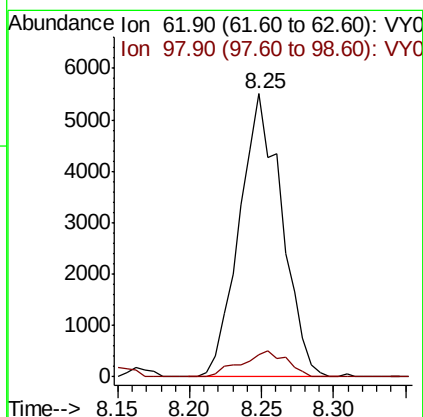
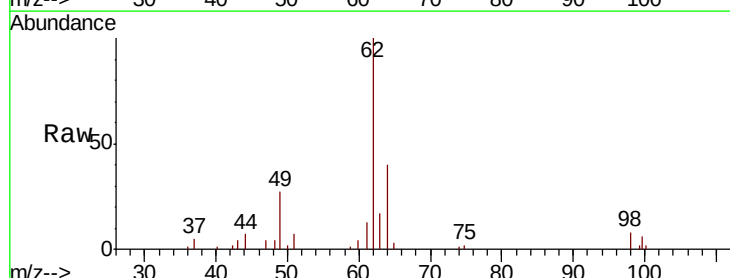
Manual Integrations
APPROVED

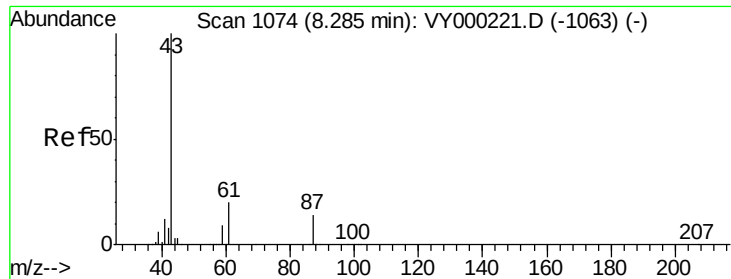
MMDadoda
10/14/2019 1:34:08 PM



#42
1,2-Dichloroethane
Concen: 2.733 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	62	Resp	11229
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





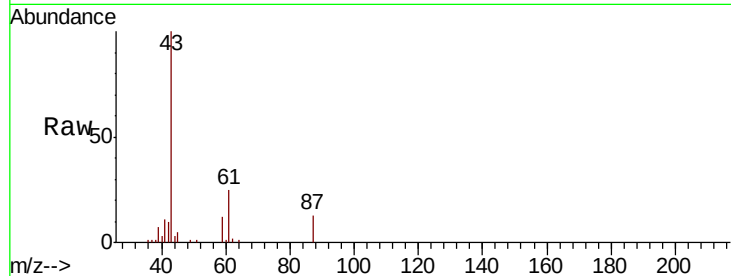
#43
Isopropyl Acetate
Concen: 2.238 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

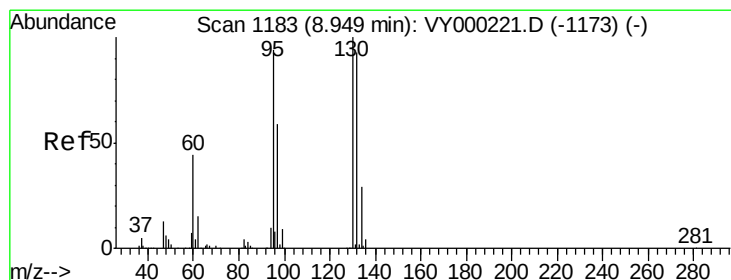
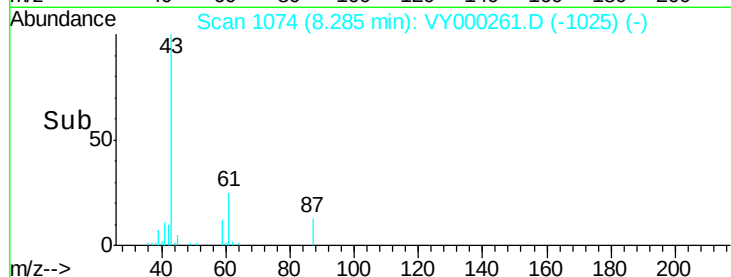
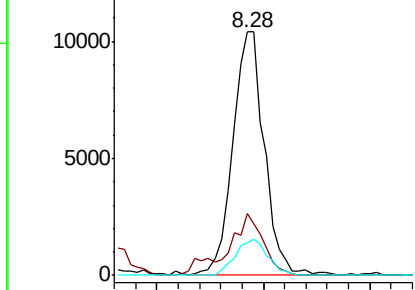
Tot Ion	Ratio	Lower	Upper
43	100		
61	23.7	20.1	30.1
87	15.0	10.6	15.8

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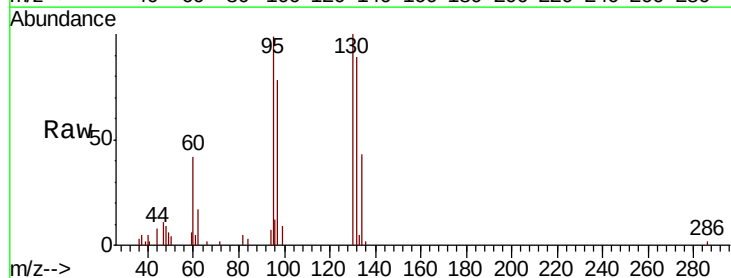


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

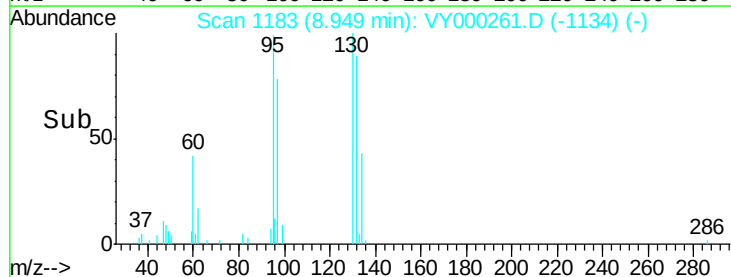
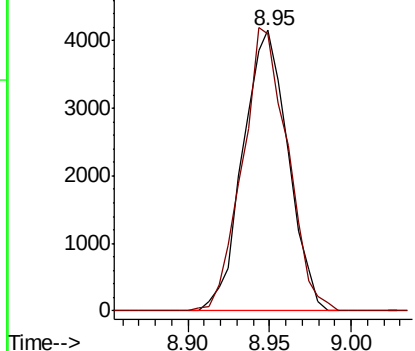


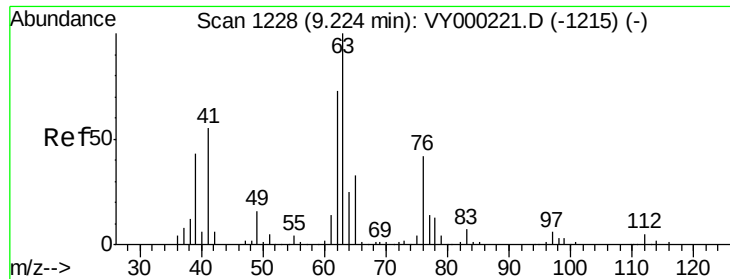
#44
Trichloroethene
Concen: 2.323 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	189.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





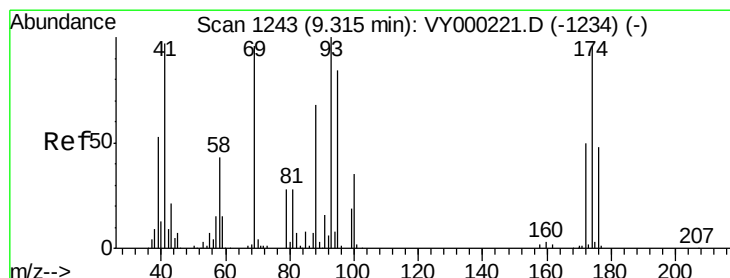
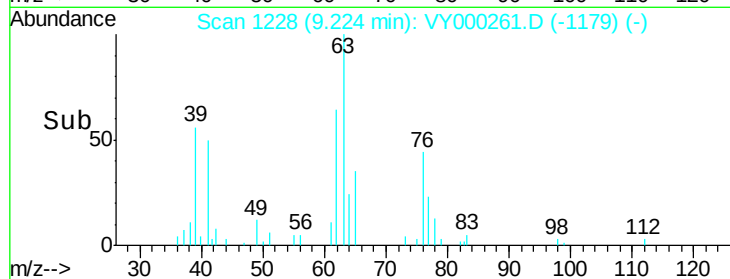
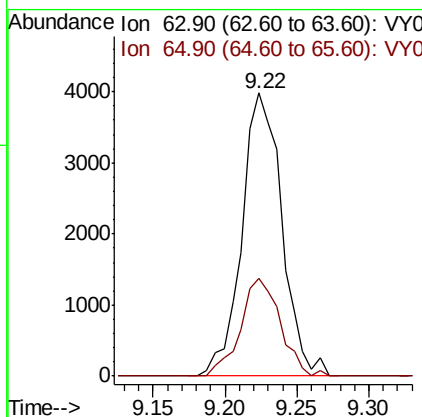
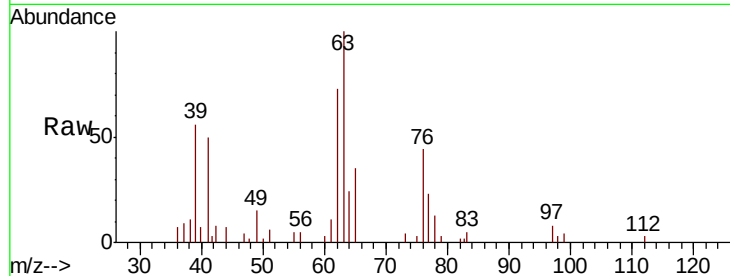
#45
 1,2-Dichloropropane
 Concen: 2.414 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion: 63 Resp: 7646
 Ion Ratio Lower Upper
 63 100
 65 34.5 26.6 39.8

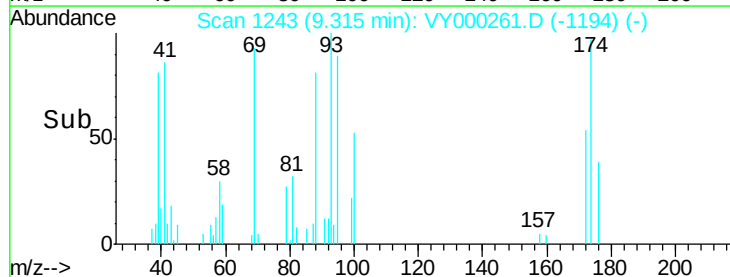
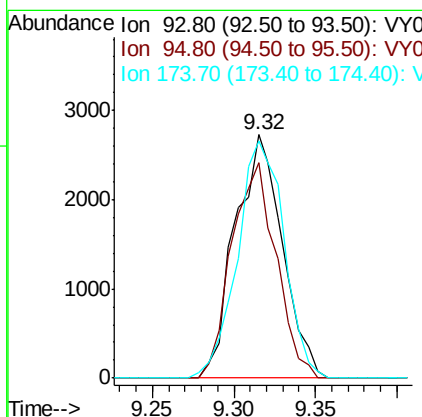
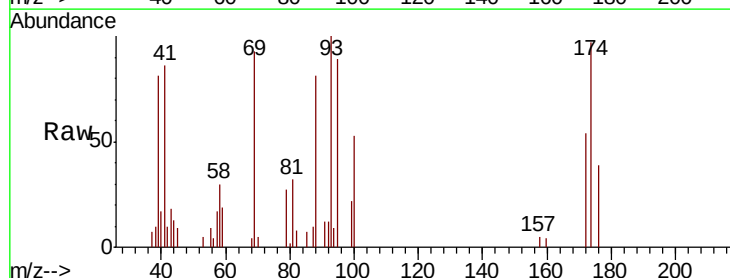
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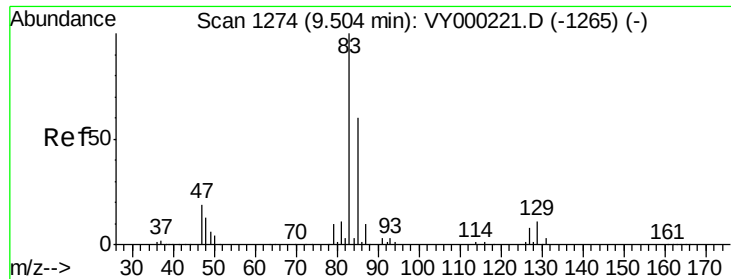
MMDadoda
 10/14/2019 1:34:08 PM



#46
 Dibromomethane
 Concen: 2.474 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 93 Resp: 5494
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.6
 174 96.2 77.5 116.3





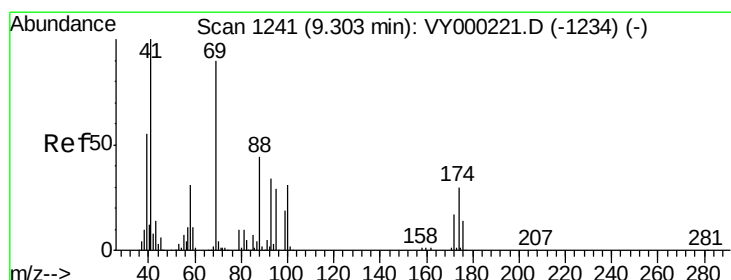
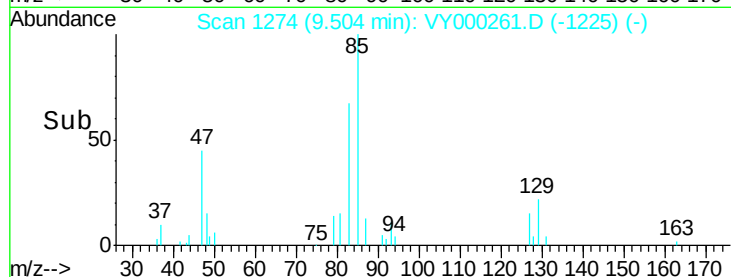
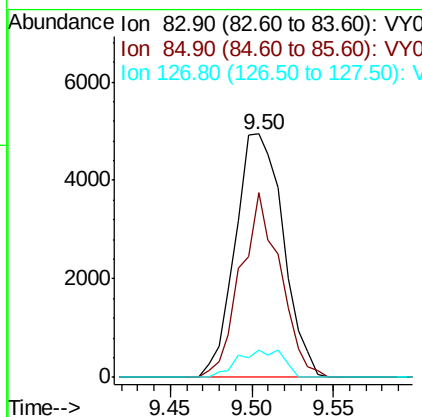
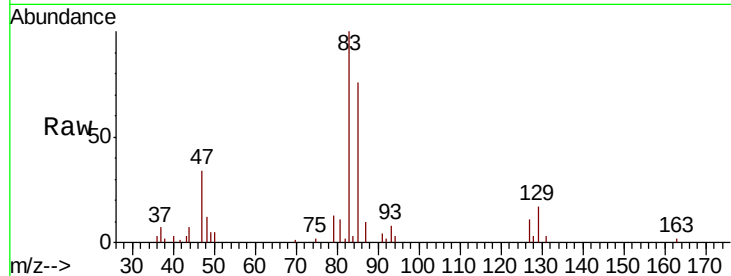
#47
Bromodichloromethane
Concen: 2.325 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	83	Resp	10099
Ion Ratio	100	Lower	Upper
83	100		
85	76.0	48.0	72.0#
127	11.5	6.5	9.7#

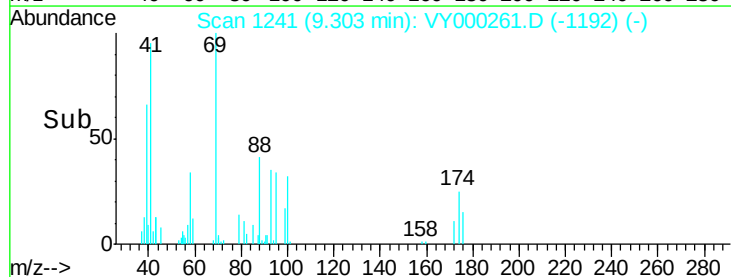
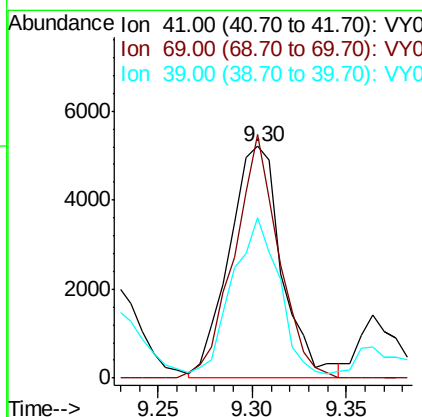
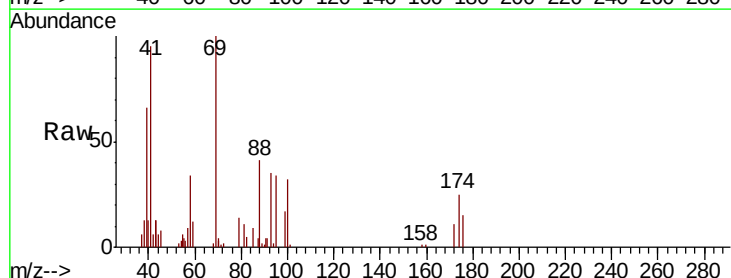
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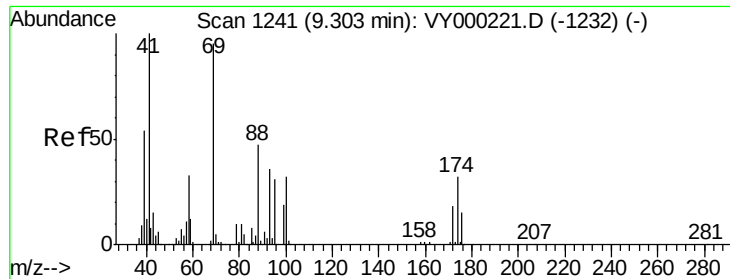
MMDadoda
10/14/2019 1:34:08 PM



#48
Methyl methacrylate
Concen: 2.321 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	41	Resp	10164
Ion Ratio	100	Lower	Upper
41	100		
69	87.7	70.3	105.5
39	62.4	45.5	68.3





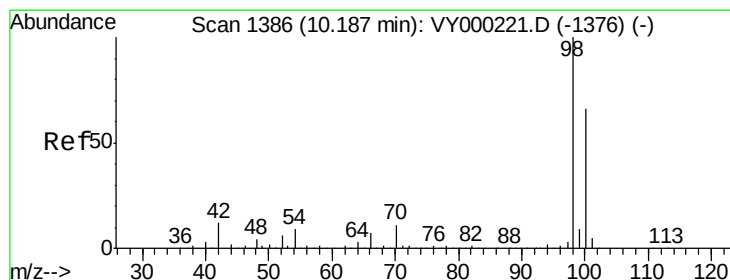
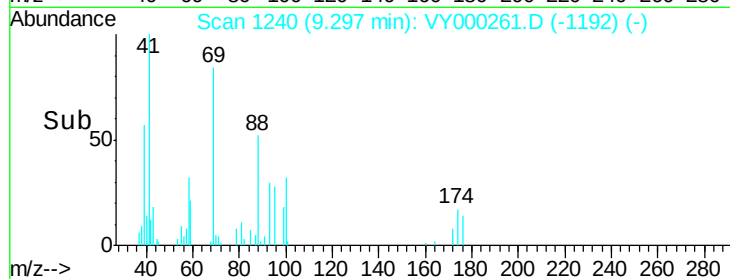
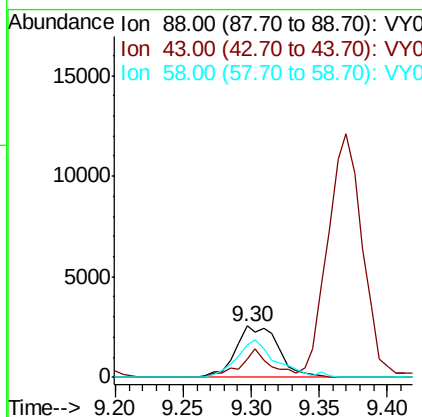
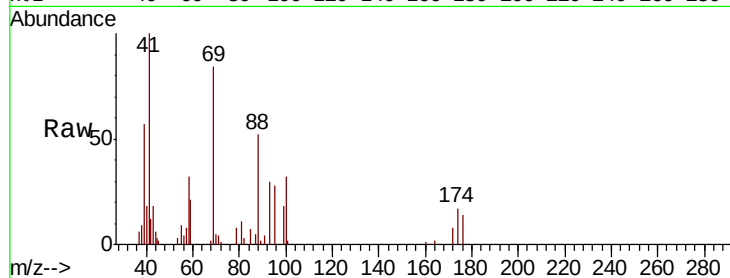
#49
1,4-Dioxane
Concen: 49.738 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	24.5	36.7#
58	64.2	54.2	81.2

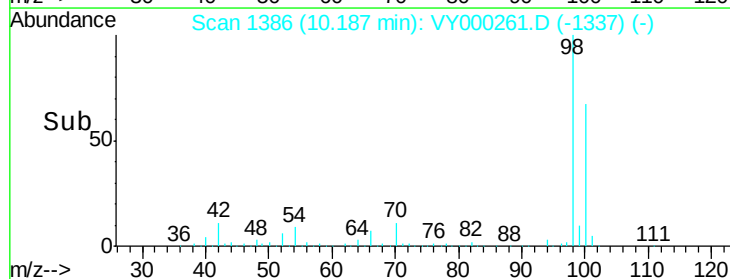
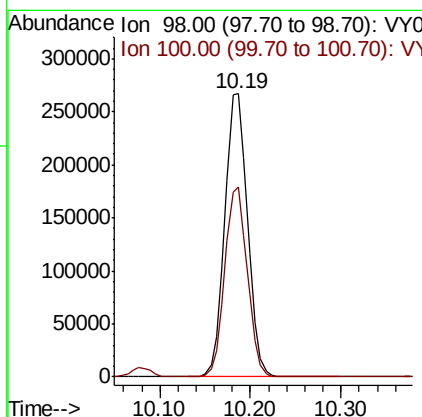
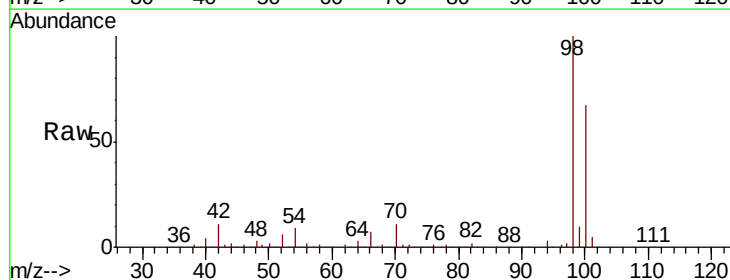
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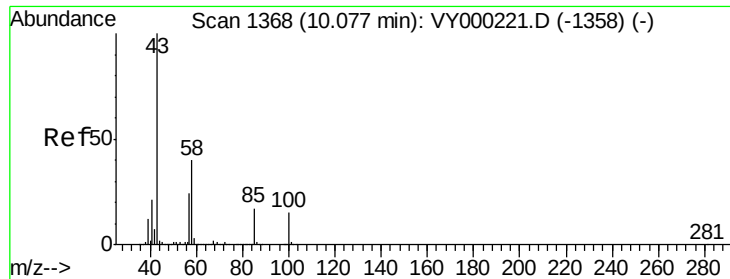
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#50
Toluene-d8
Concen: 46.419 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





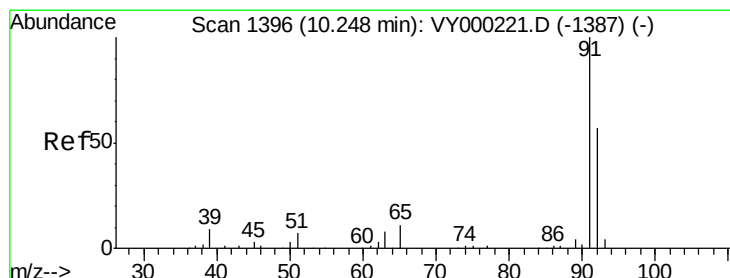
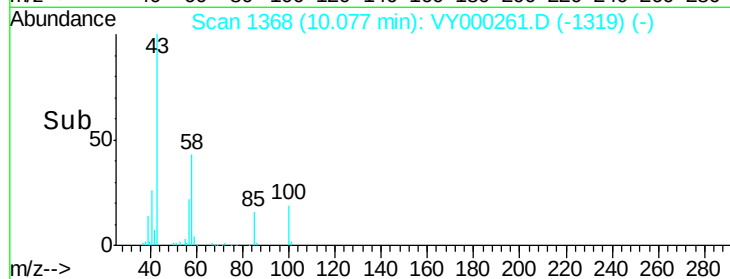
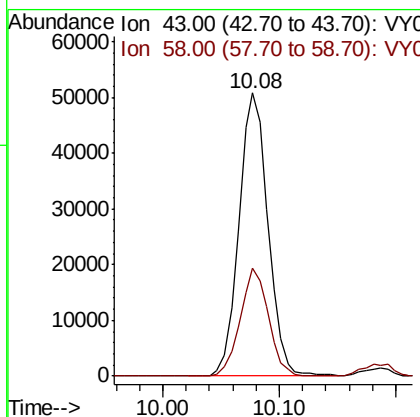
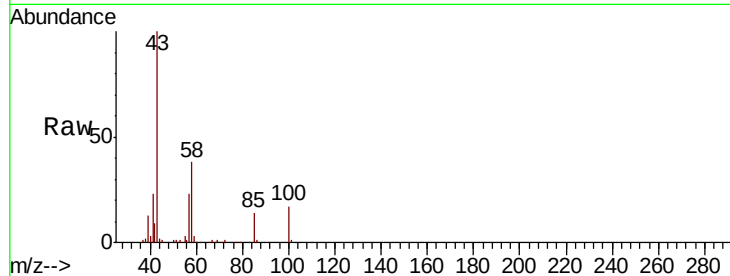
#51
4-Methyl-2-Pentanone
Concen: 12.111 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 43 Resp: 88302
Ion Ratio Lower Upper
43 100
58 37.1 31.7 47.5

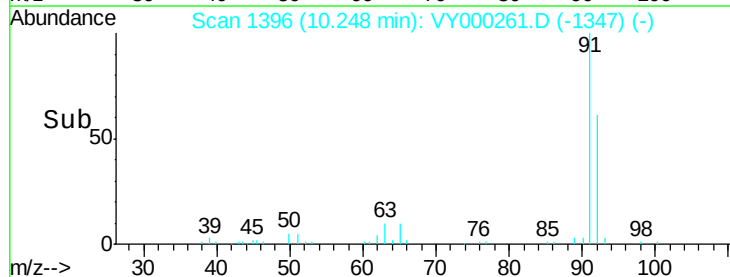
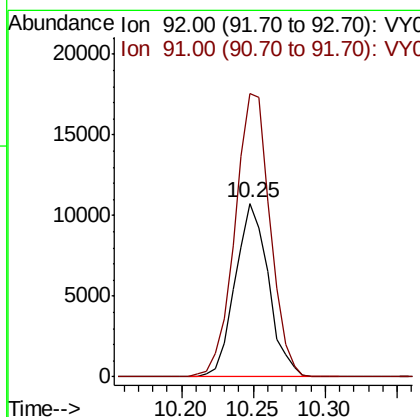
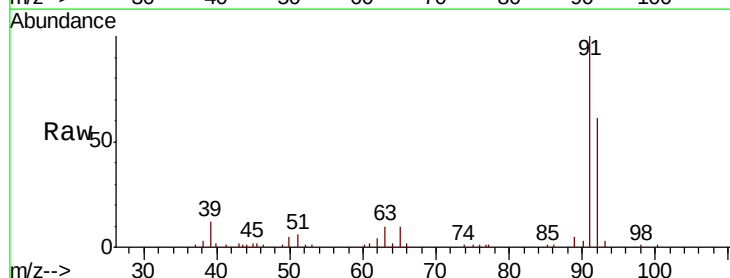
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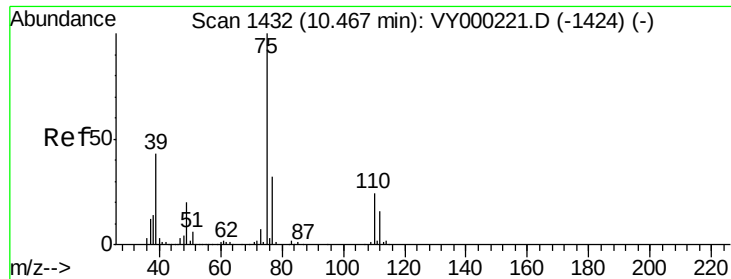
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#52
Toluene
Concen: 2.129 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 92 Resp: 17268
Ion Ratio Lower Upper
92 100
91 172.6 139.1 208.7





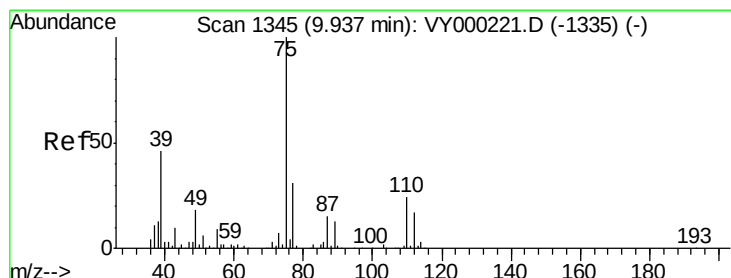
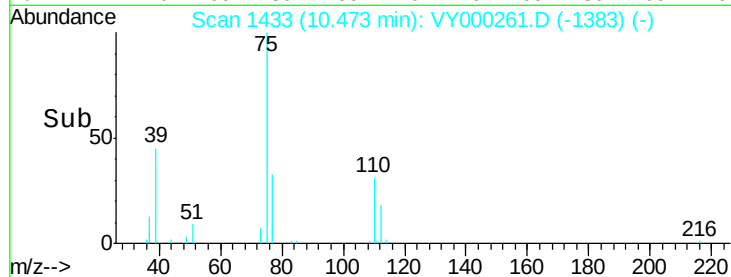
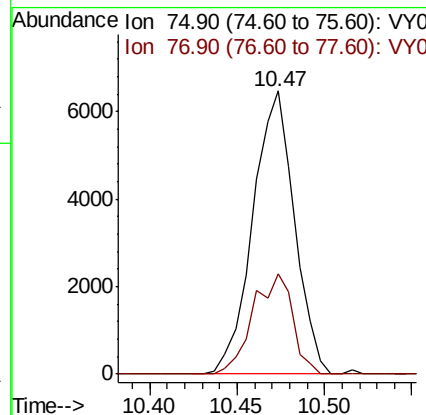
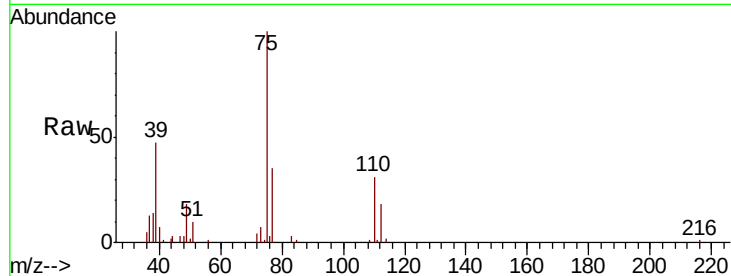
#53
t-1,3-Dichloropropene
Concen: 2.172 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 75 Resp: 10705
Ion Ratio Lower Upper
75 100
77 35.4 25.3 37.9

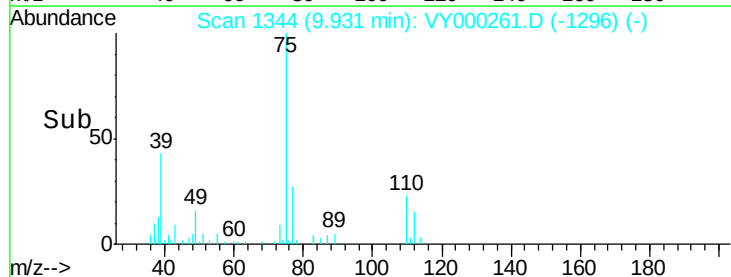
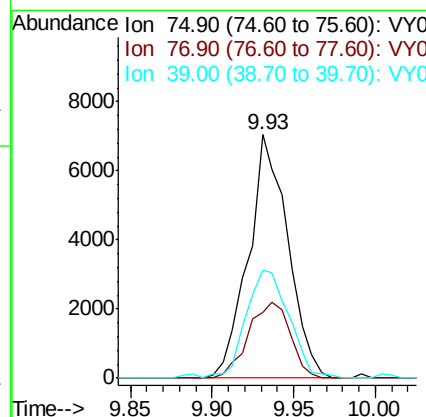
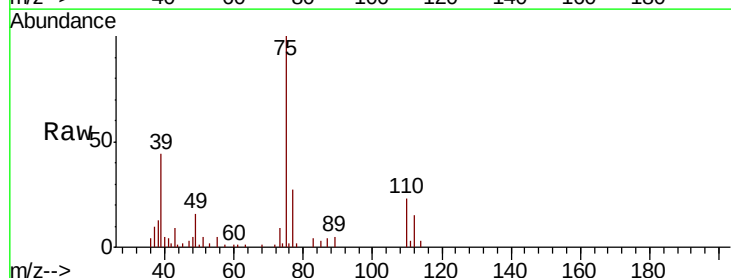
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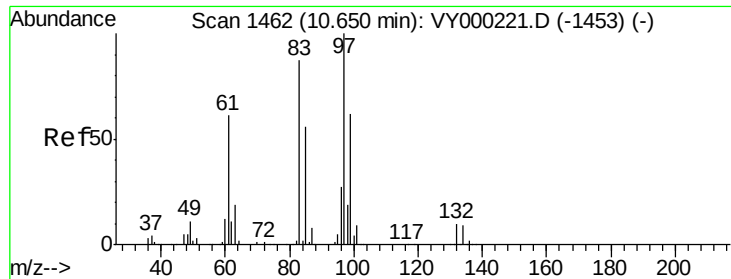
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#54
cis-1,3-Dichloropropene
Concen: 2.230 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 75 Resp: 11890
Ion Ratio Lower Upper
75 100
77 26.8 25.0 37.4
39 44.4 36.3 54.5





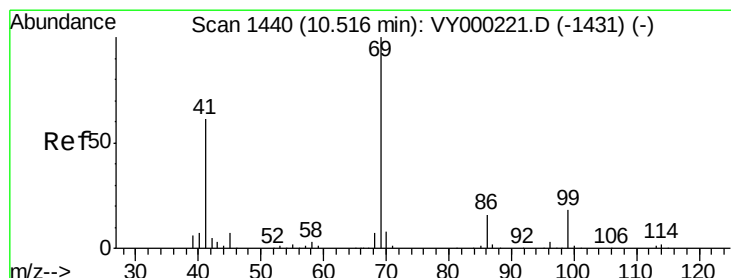
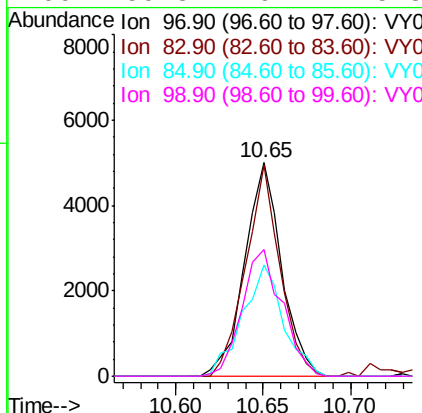
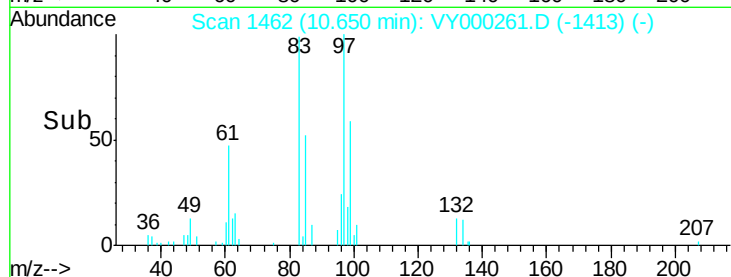
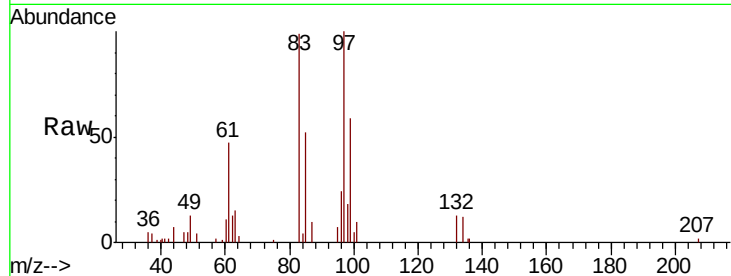
#55
 1,1,2-Trichloroethane
 Concen: 2.296 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion:	97	Resp:	7345
Ion	Ratio	Lower	Upper
97	100		
83	99.0	69.4	104.0
85	52.2	44.6	66.8
99	59.3	49.2	73.8

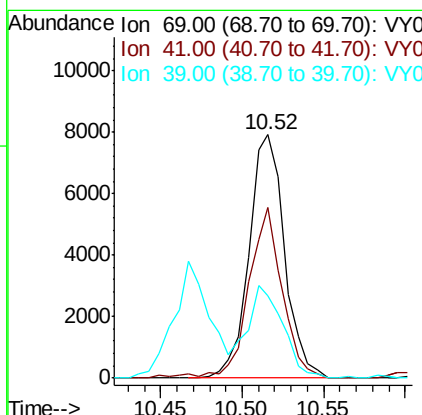
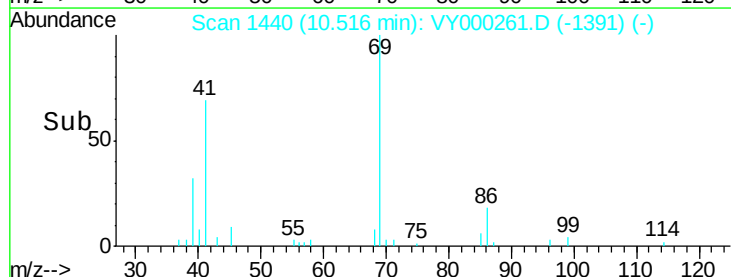
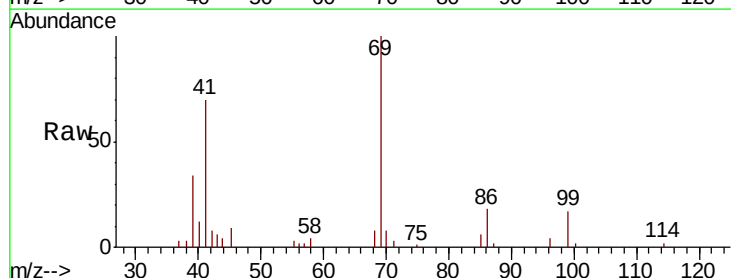
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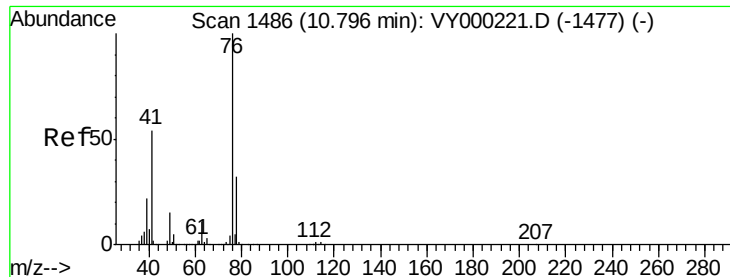
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#56
 Ethyl methacrylate
 Concen: 2.137 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion:	69	Resp:	12033
Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.2	76.8
39	38.5	27.0	40.4





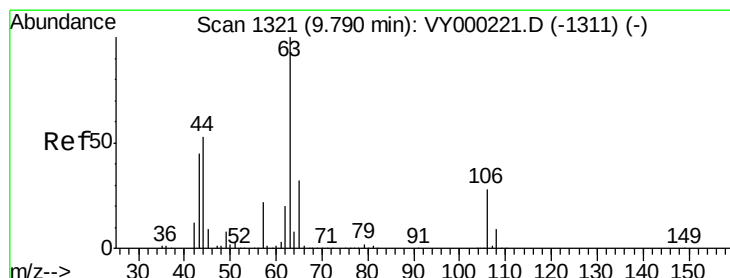
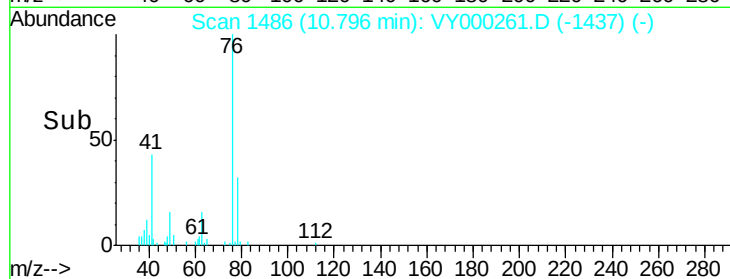
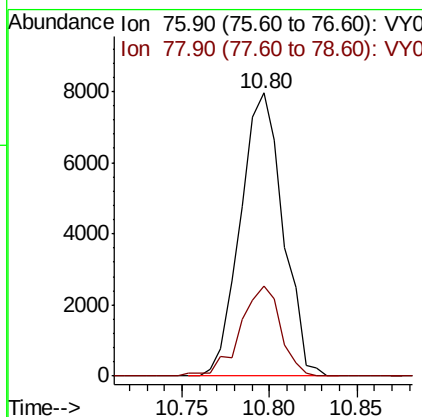
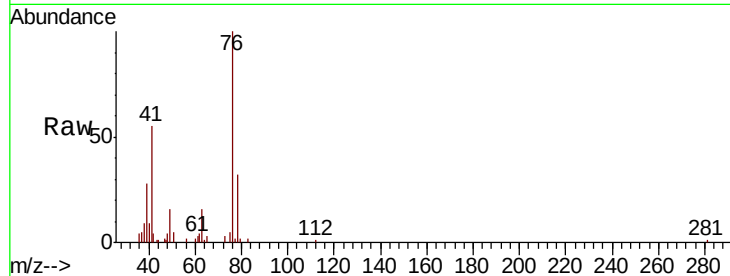
#57
 1,3-Dichloropropane
 Concen: 2.470 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.0	26.0	39.0

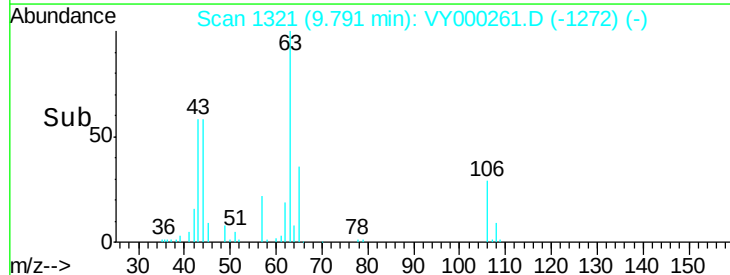
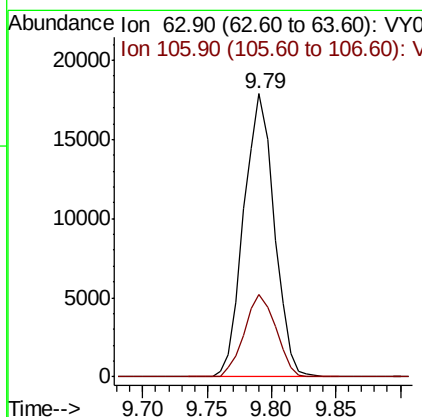
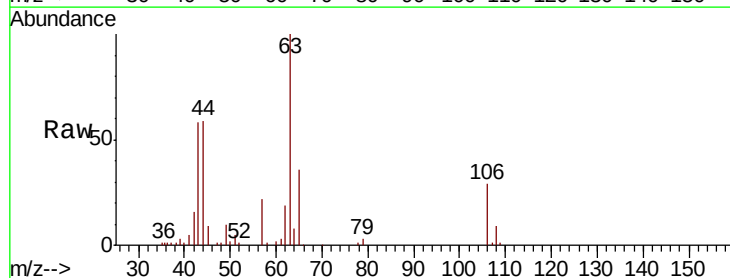
Manual Integrations
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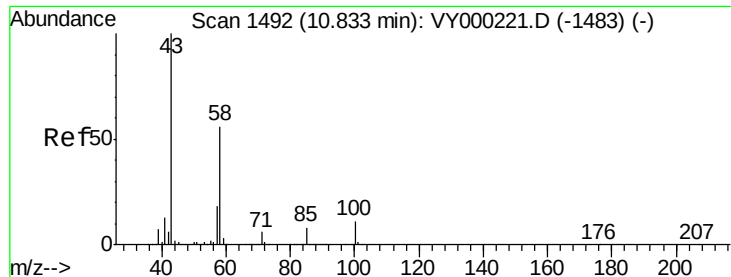
MMDadoda
 10/14/2019 1:34:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.667 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.6	33.8





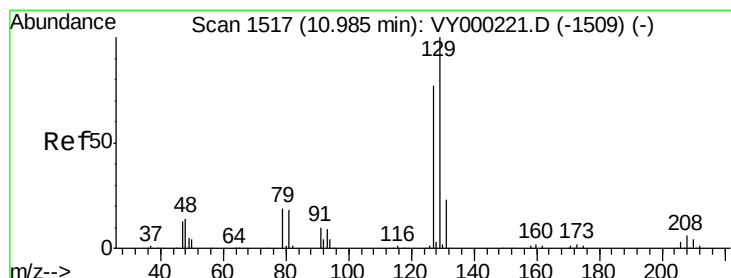
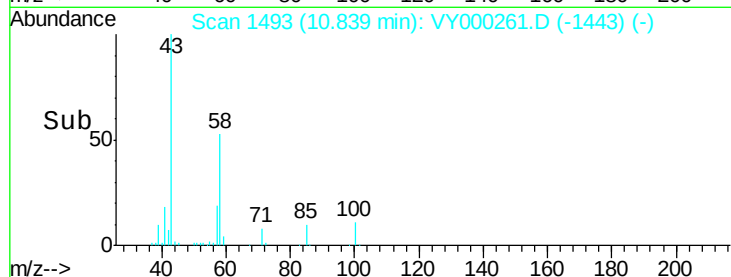
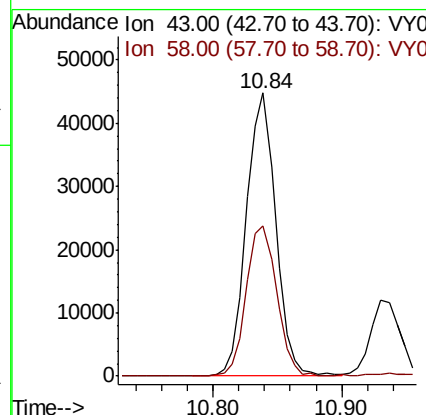
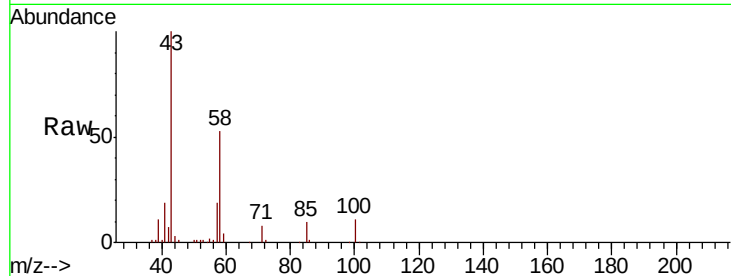
#59
2-Hexanone
Concen: 11.416 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 43 Resp: 70545
Ion Ratio Lower Upper
43 100
58 55.1 28.2 84.6

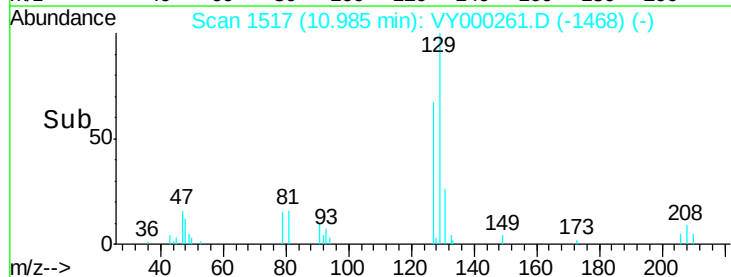
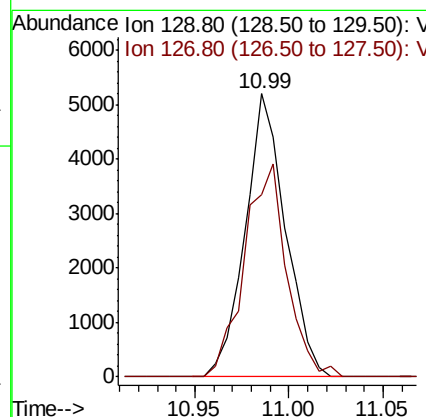
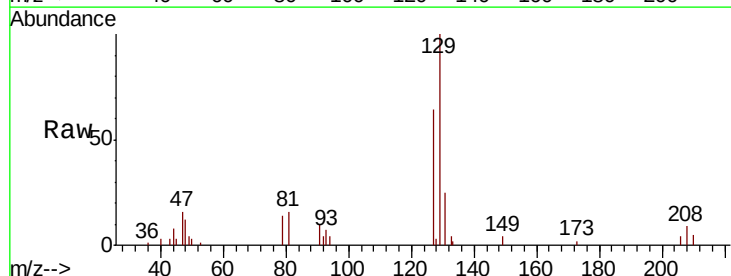
Manual Integrations
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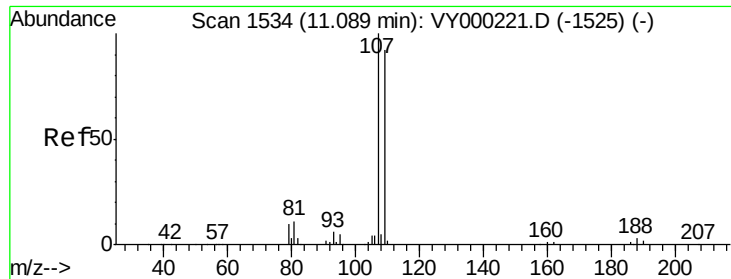
MMDadoda
10/14/2019 1:34:08 PM



#60
Dibromochloromethane
Concen: 2.277 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 129 Resp: 7699
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





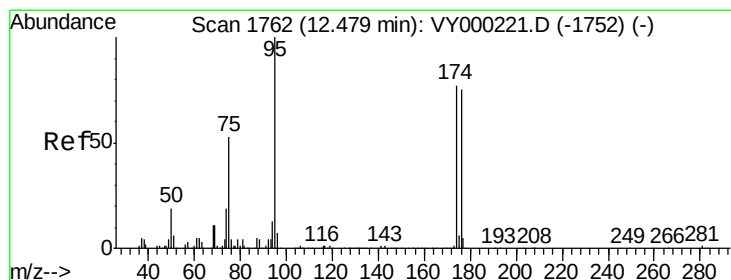
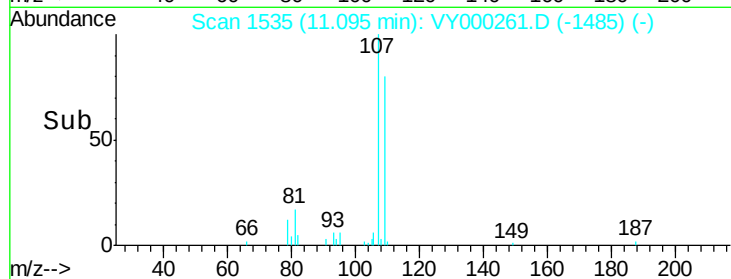
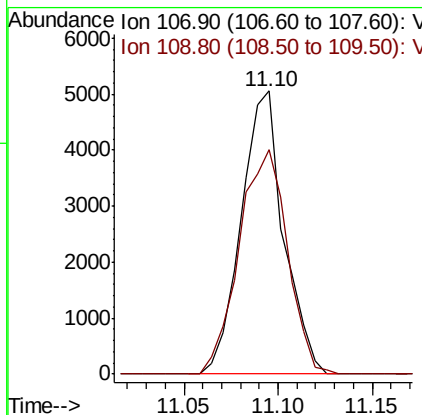
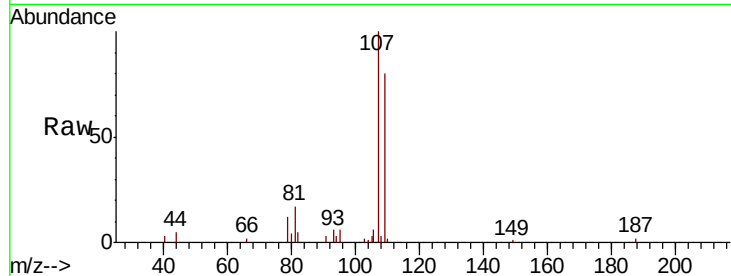
#61
 1,2-Dibromoethane
 Concen: 2.328 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.0	75.0	112.6

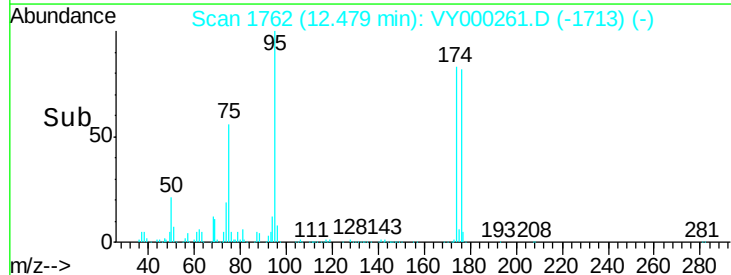
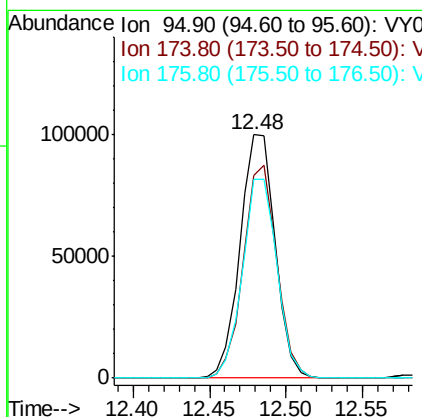
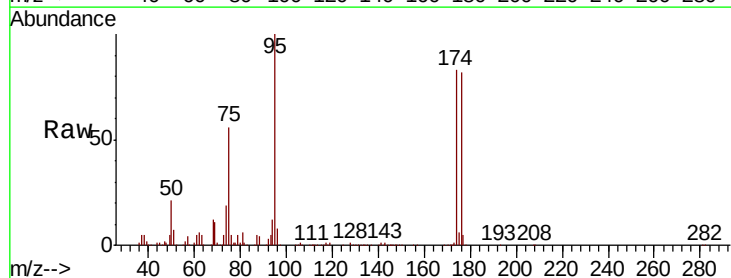
Manual Integrations
 APPROVED

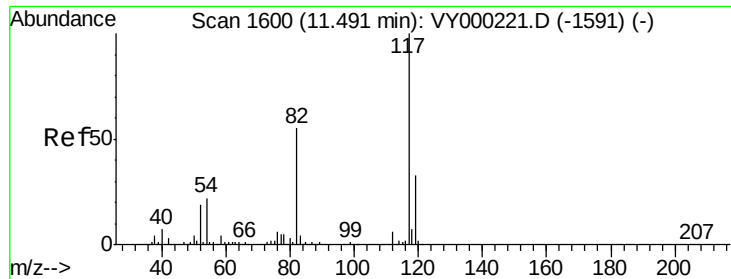
MMDadoda
 10/14/2019 1:34:08 PM



#62
 4-Bromofluorobenzene
 Concen: 44.903 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	157.0
176	81.0	0.0	153.0





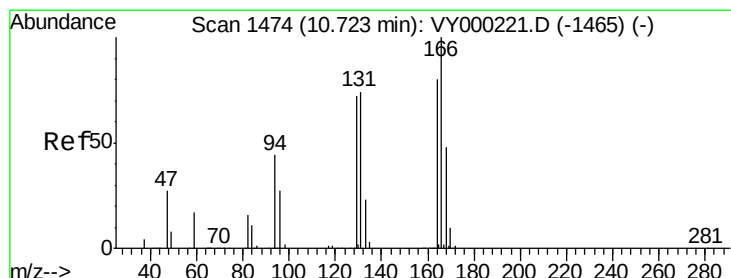
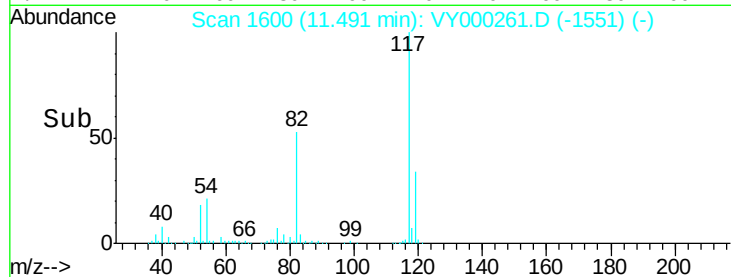
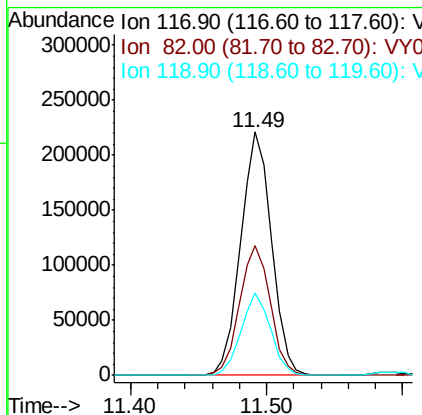
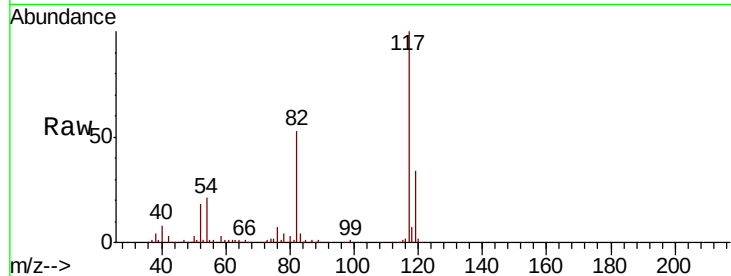
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	350455		
82	53.4		44.4	66.6
119	33.6		26.2	39.2

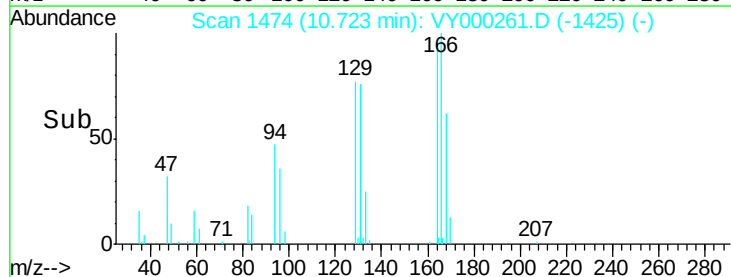
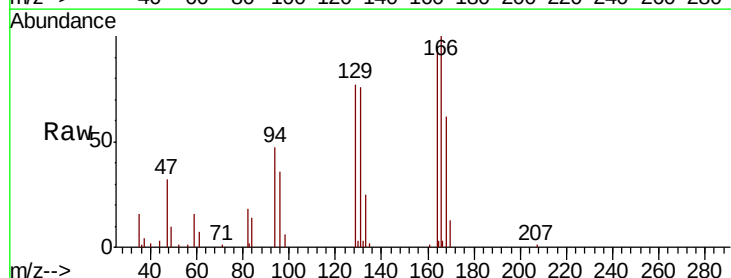
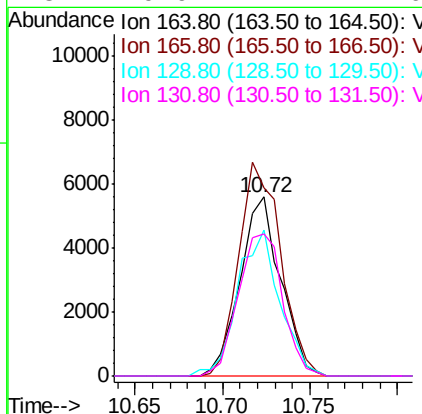
Manual Integrations
APPROVED

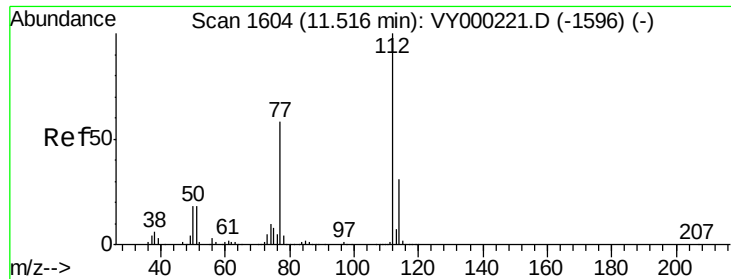
MMDadoda
10/14/2019 1:34:08 PM



#64
Tetrachloroethene
Concen: 2.825 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	9048		
166	105.5		100.3	150.5
129	81.4		72.4	108.6
131	79.9		74.4	111.6





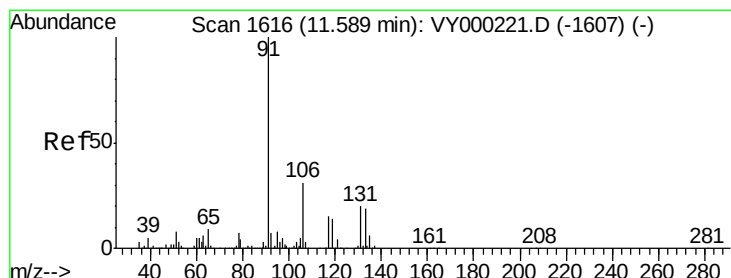
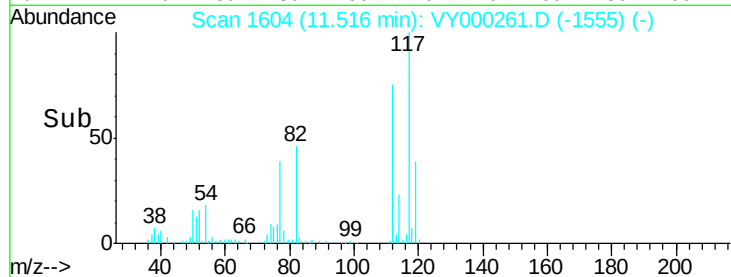
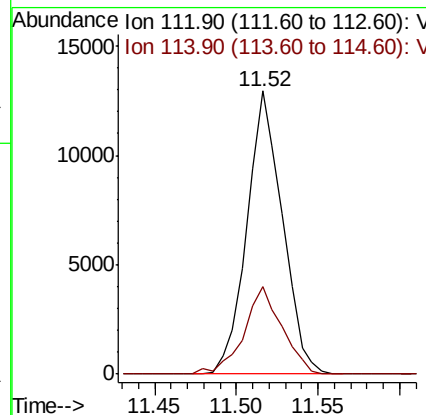
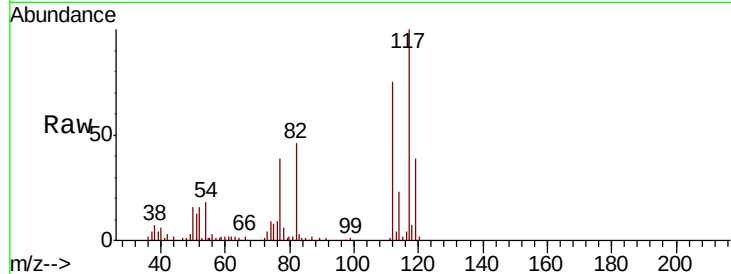
#65
Chlorobenzene
Concen: 2.421 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.0	37.4

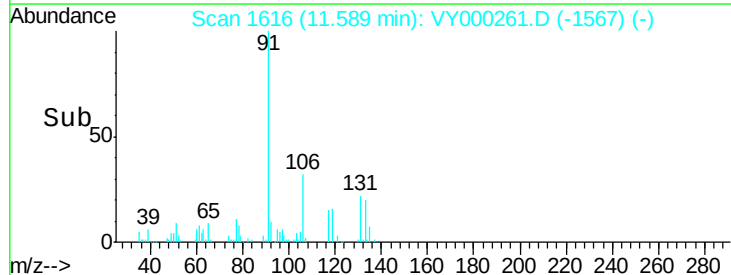
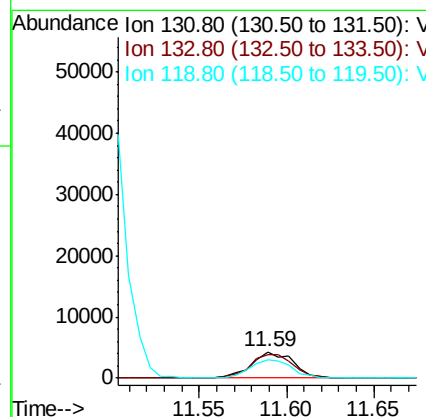
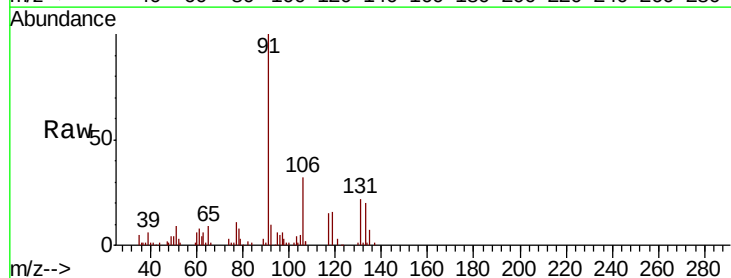
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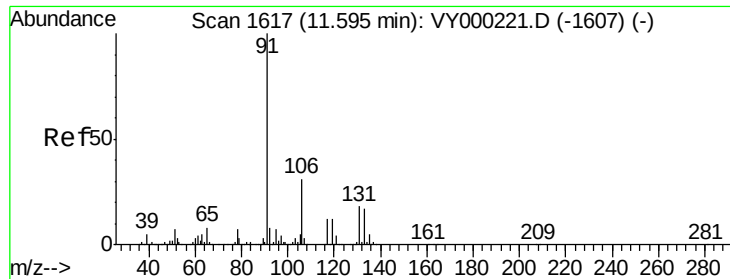
MMDadoda
10/14/2019 1:34:08 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 2.387 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.0	141.2
119	71.5	33.3	99.8





#67

Ethyl Benzene

Concen: 2.255 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 91 Resp: 32734

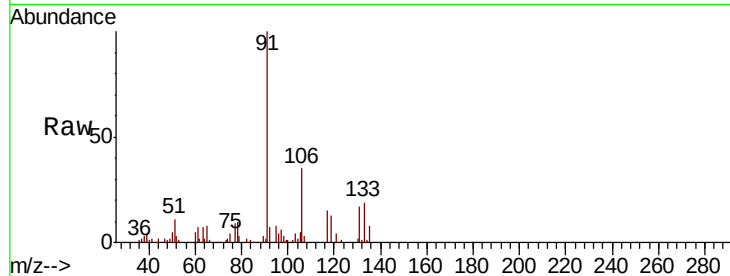
Ion Ratio Lower Upper

91 100

106 35.2 25.2 37.8

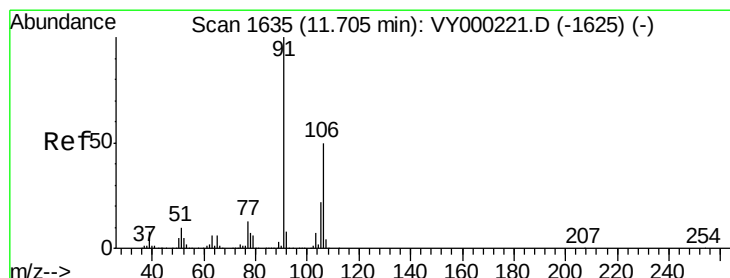
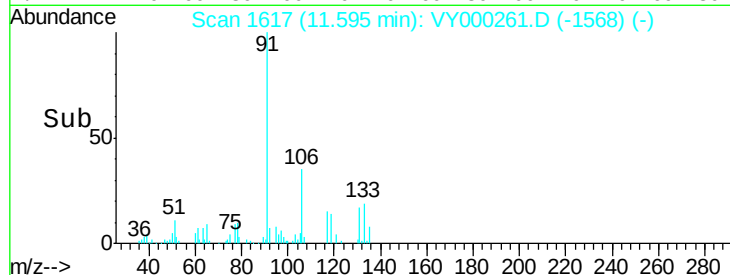
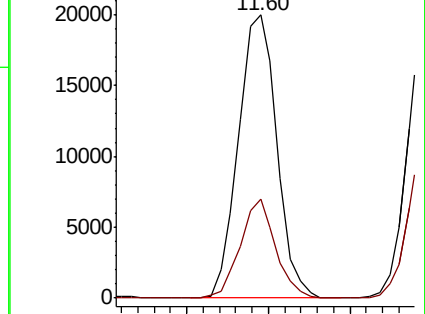
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1607) (-)

Ion 106.00 (105.70 to 106.70): VY000221.D (-1607) (-)



#68

m/p-Xylenes

Concen: 4.494 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000261.D

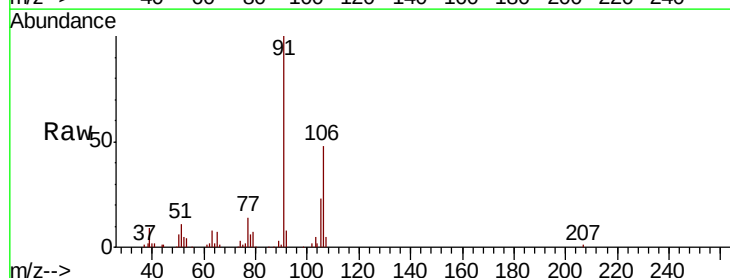
Acq: 10 Oct 2019 18:14

Tgt Ion: 106 Resp: 24895

Ion Ratio Lower Upper

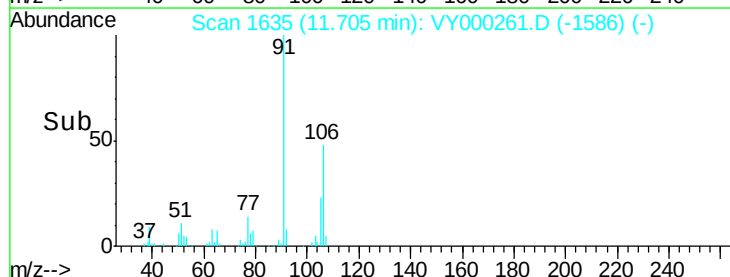
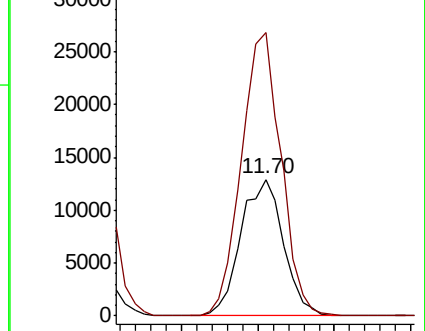
106 100

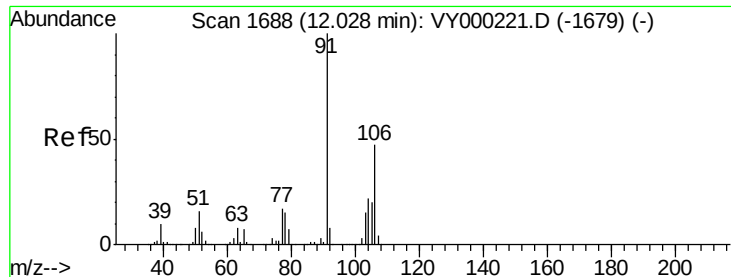
91 193.8 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): VY000221.D (-1625) (-)

Ion 91.00 (90.70 to 91.70): VY000221.D (-1625) (-)





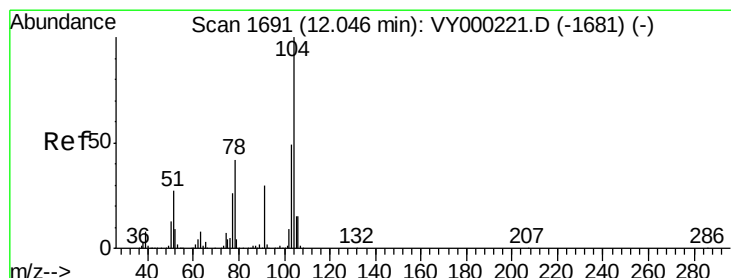
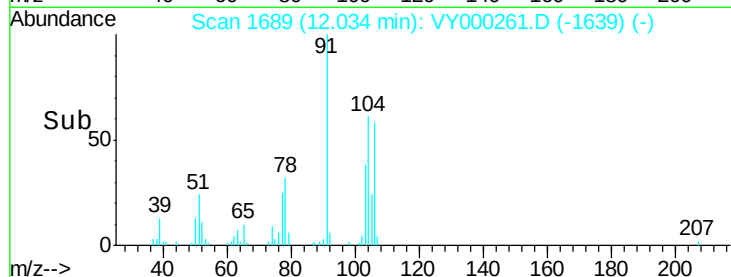
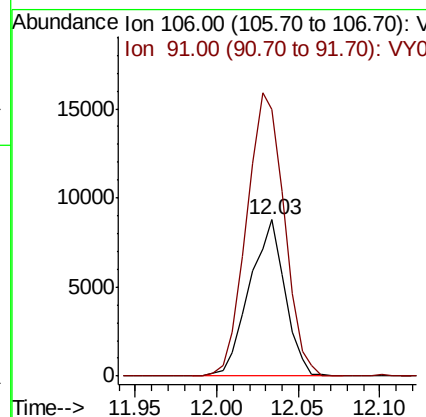
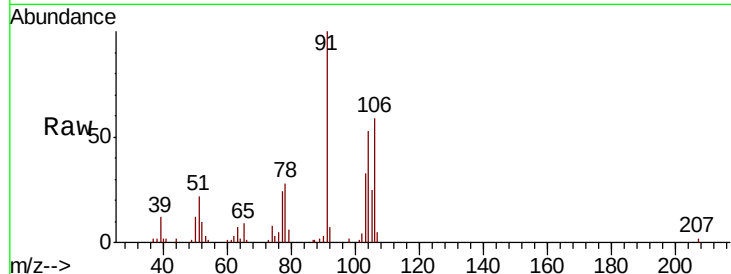
#69
o-Xylene
Concen: 2.501 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion:106 Resp: 13347
Ion Ratio Lower Upper
106 100
91 191.4 106.1 318.1

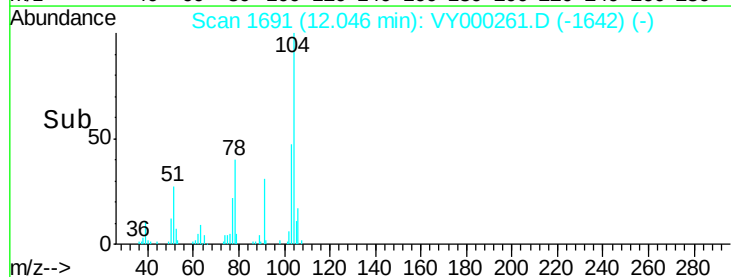
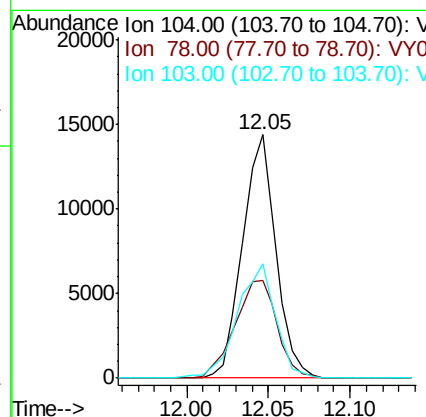
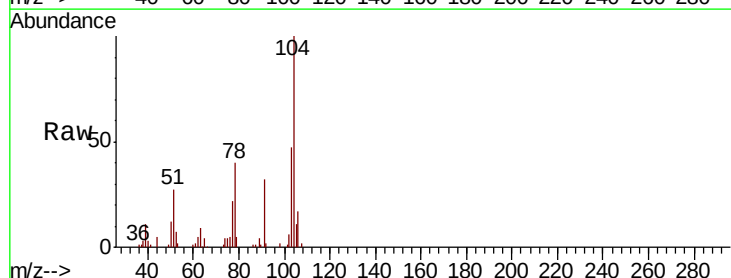
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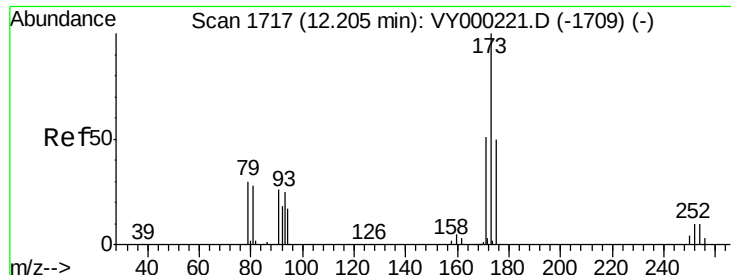
MMDadoda
10/14/2019 1:34:08 PM



#70
Styrene
Concen: 2.233 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion:104 Resp: 20524
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.4
103 53.8 43.1 64.7





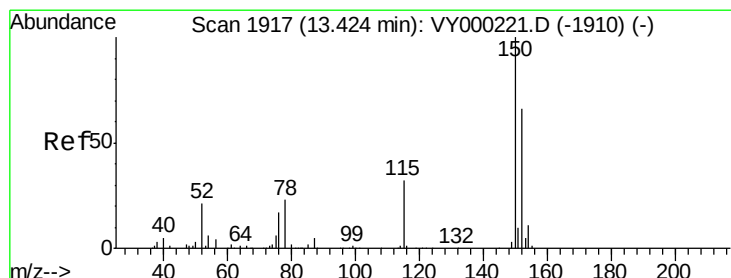
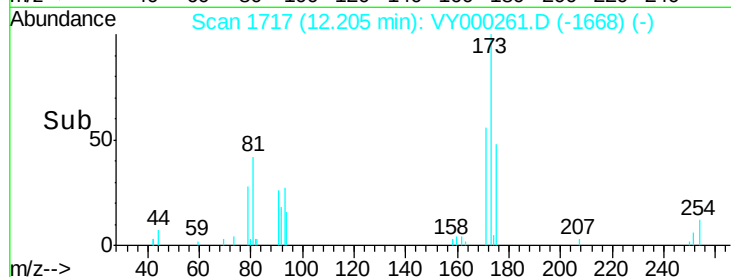
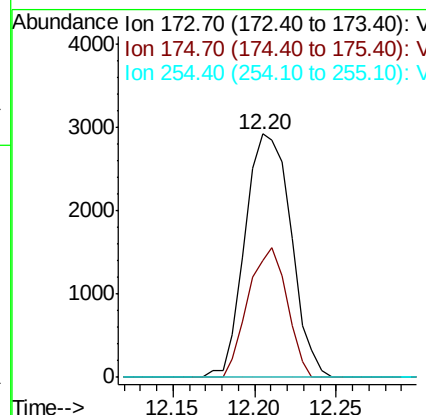
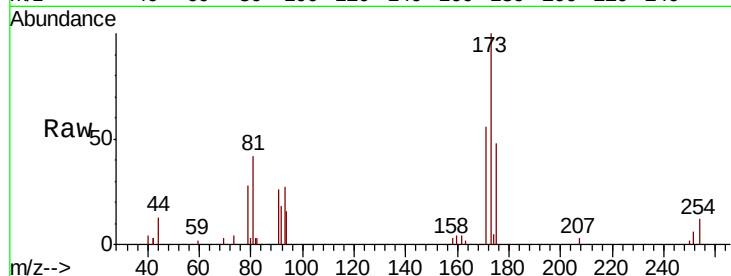
#71
Bromoform
Concen: 2.386 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.2	24.8	74.3
254	0.0	0.1	0.1#

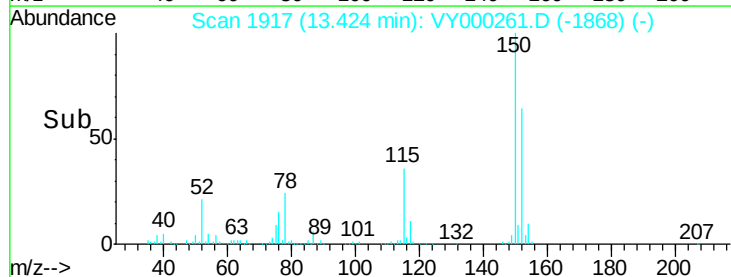
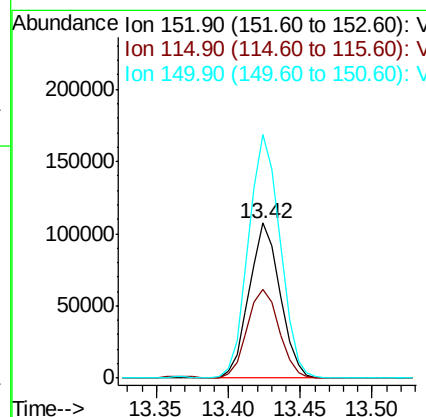
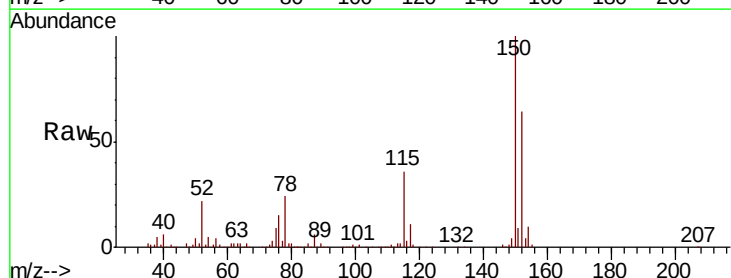
Manual Integrations
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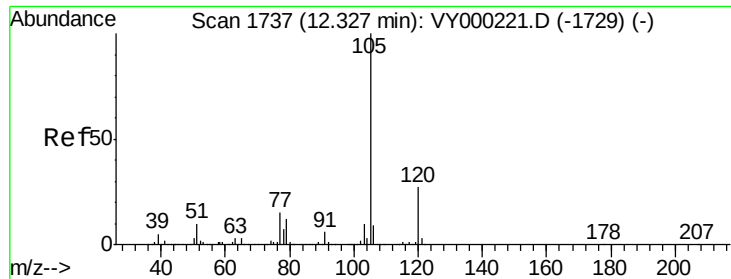
MMDadoda
10/14/2019 1:34:08 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	160.2	0.0	349.6





#73

Isopropylbenzene

Concen: 2.314 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 105 Resp: 31373

Ion Ratio Lower Upper

105 100

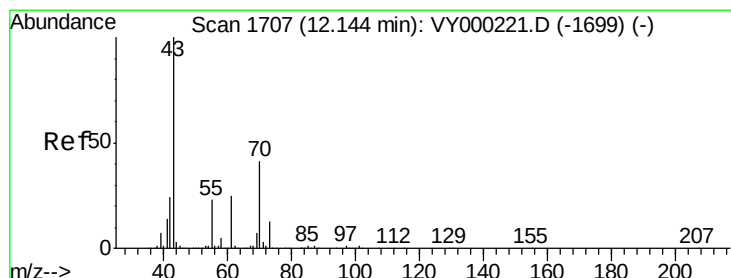
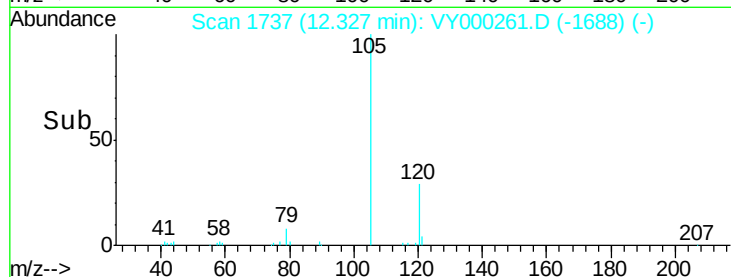
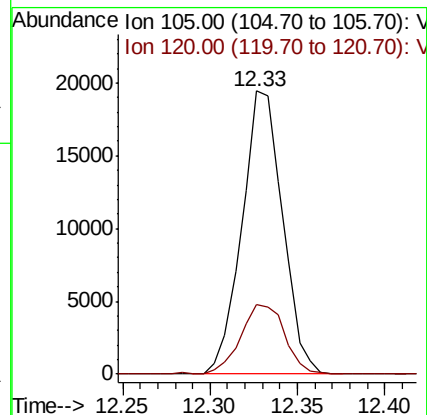
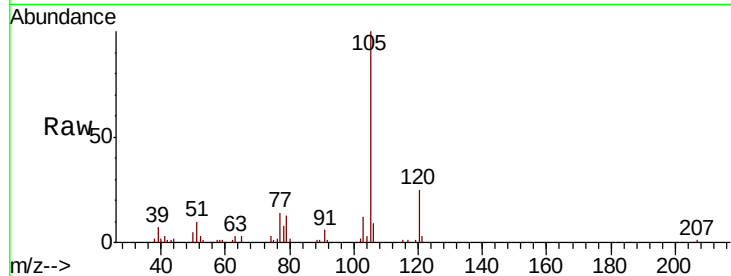
120 26.8 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 2.098 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion: 43 Resp: 13547

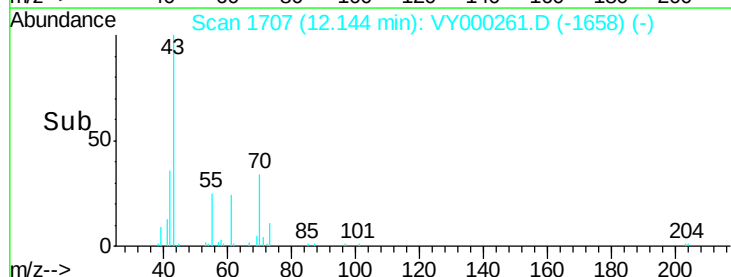
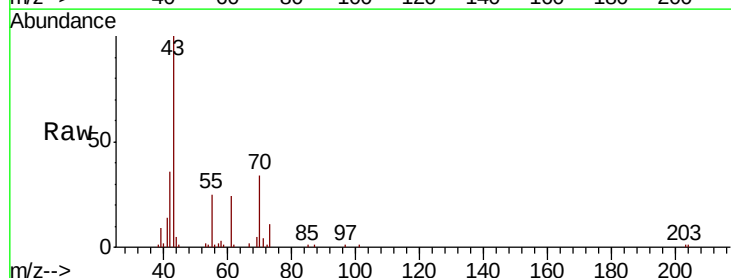
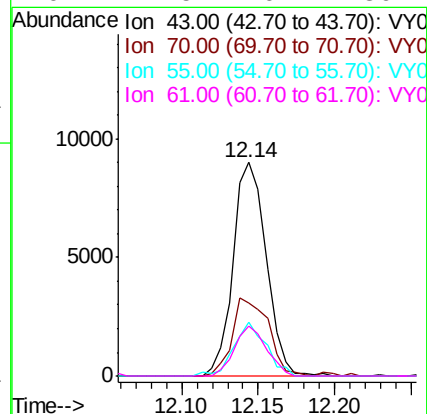
Ion Ratio Lower Upper

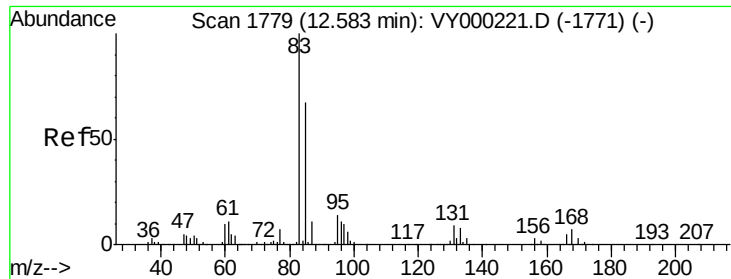
43 100

70 39.6 34.9 52.3

55 24.5 18.2 27.2

61 22.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.474 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

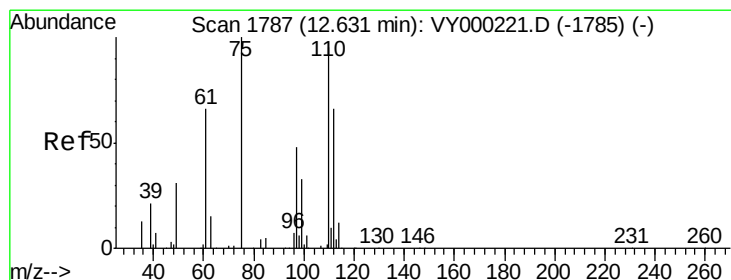
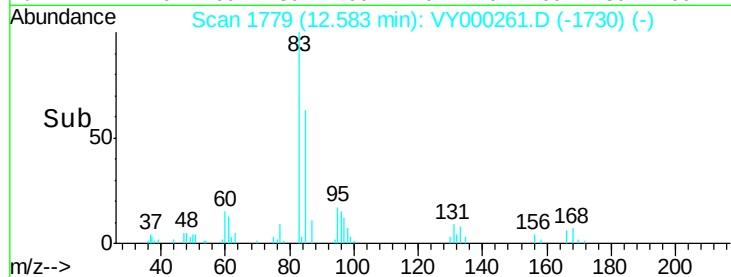
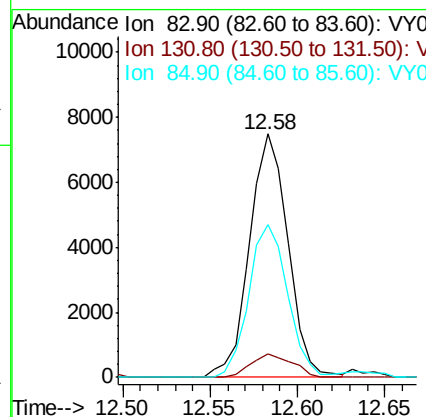
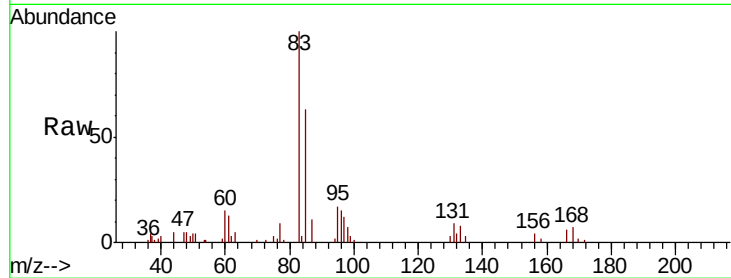
ClientSampleId :

2.5PPBMDL

Tot Ion:	83	Resp:	11447
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.8	14.3
85	63.4	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 2.579 ug/l m

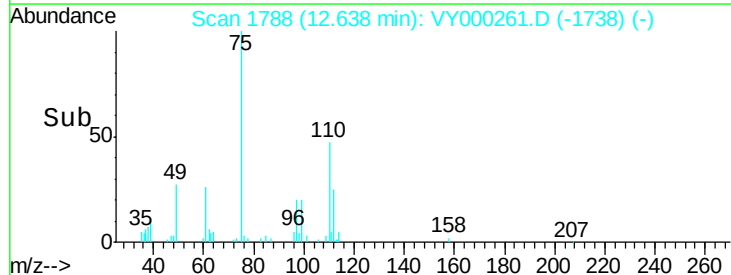
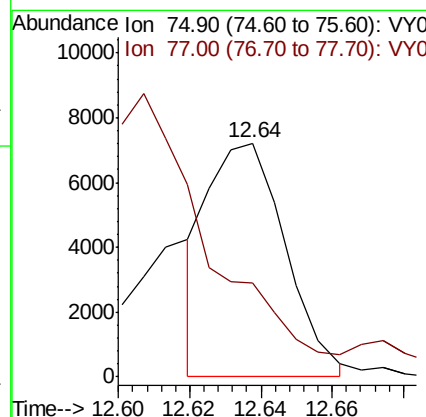
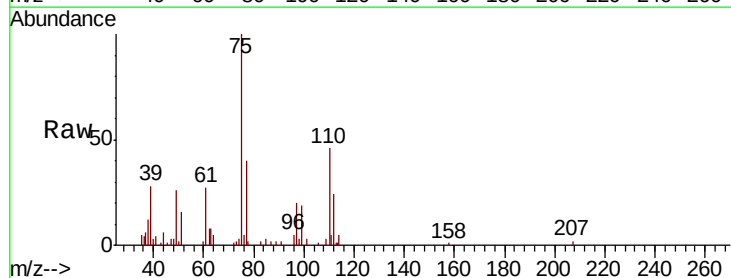
RT: 12.64 min Scan# 1788

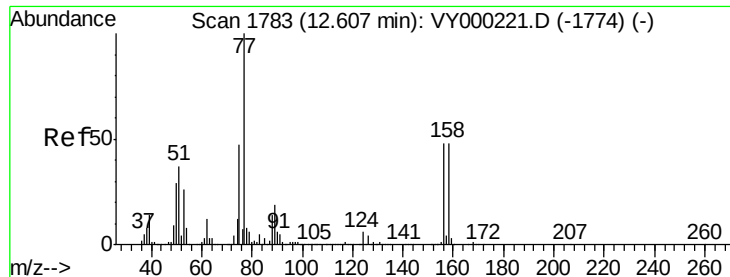
Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion:	75	Resp:	10894
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 2.559 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:156 Resp: 8137

Ion Ratio Lower Upper

156 100

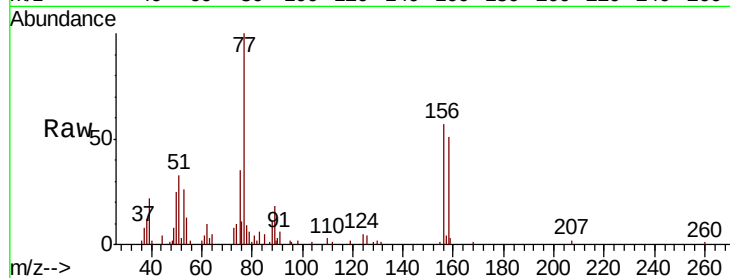
77 230.8 118.1 354.3

158 97.0 47.8 143.3

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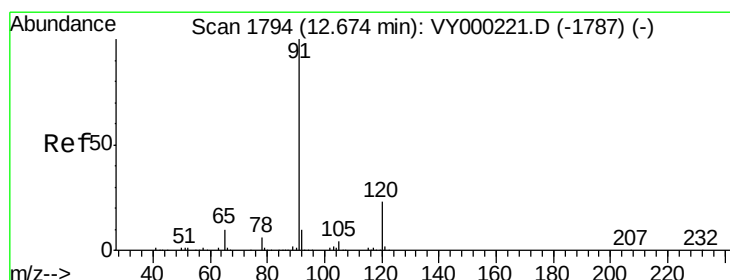
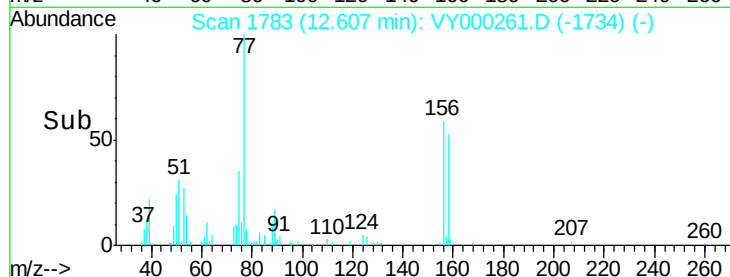
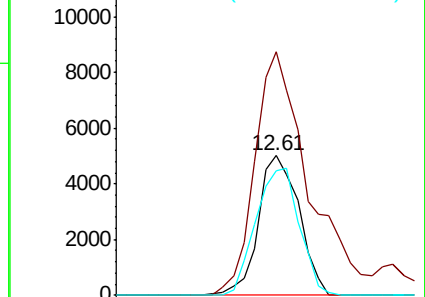
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.149 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000261.D

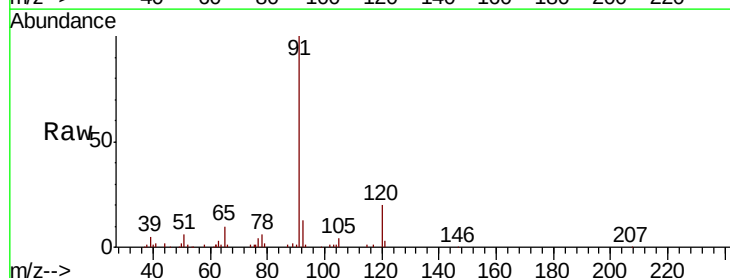
Acq: 10 Oct 2019 18:14

Tgt Ion: 91 Resp: 34038

Ion Ratio Lower Upper

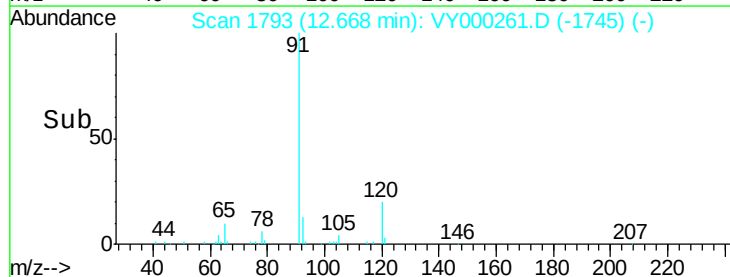
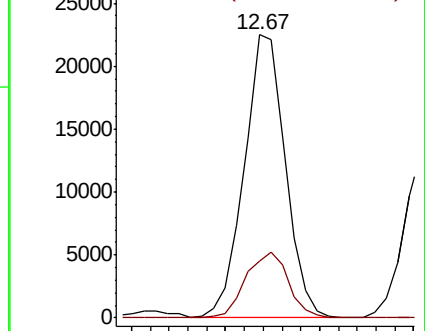
91 100

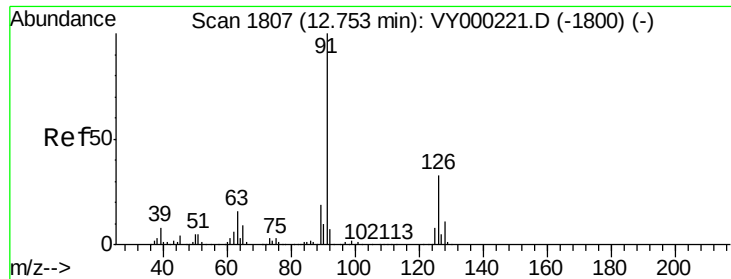
120 23.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.335 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 91 Resp: 21293

Ion Ratio Lower Upper

91 100

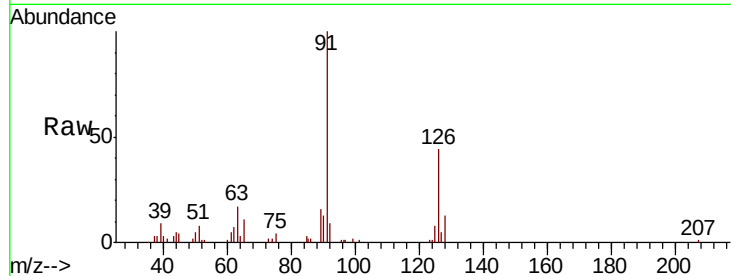
126 36.1 17.2 51.6

Manual Integrations

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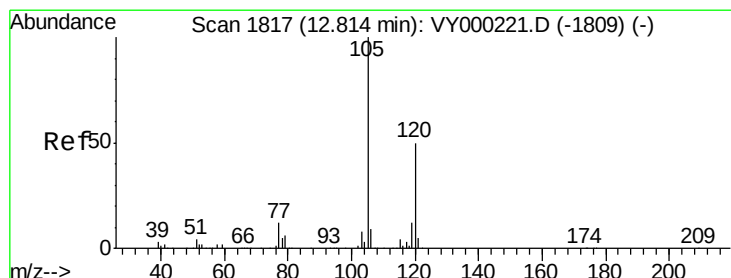
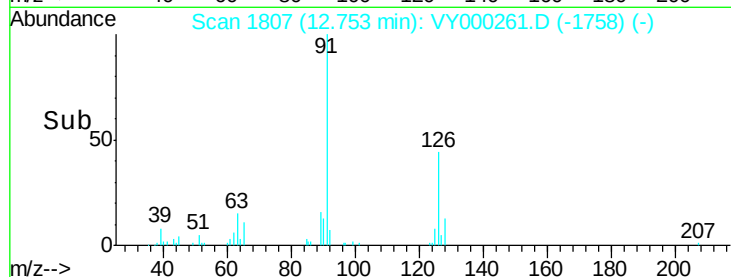
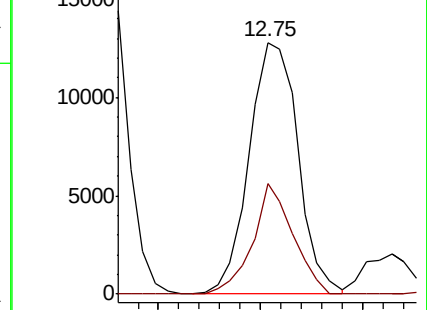
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.235 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000261.D

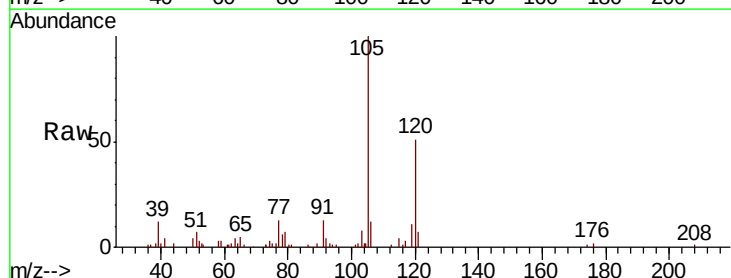
Acq: 10 Oct 2019 18:14

Tgt Ion: 105 Resp: 25289

Ion Ratio Lower Upper

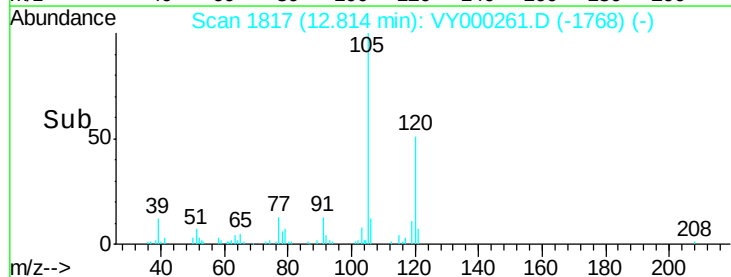
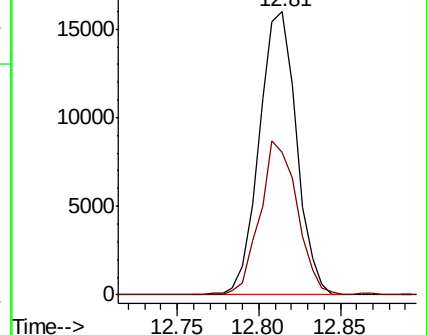
105 100

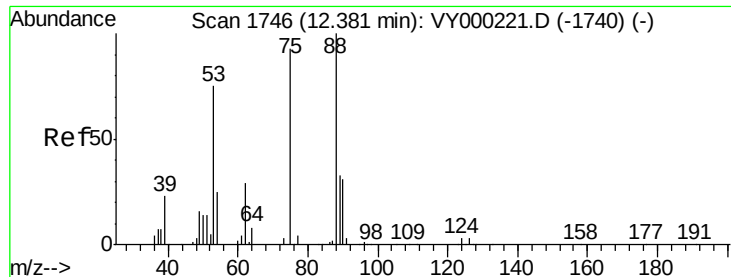
120 54.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)





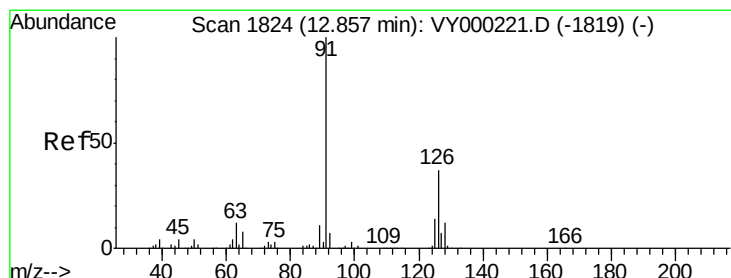
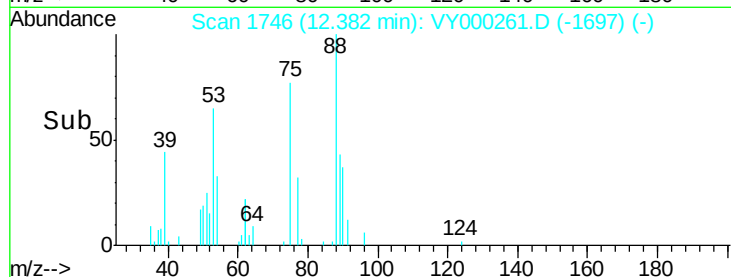
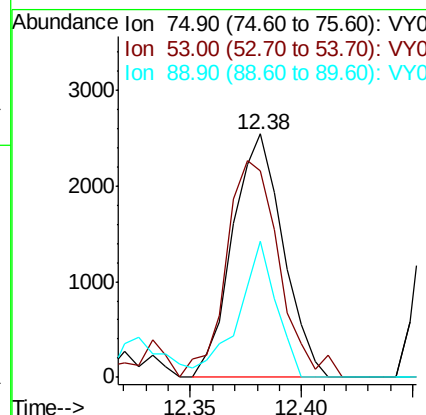
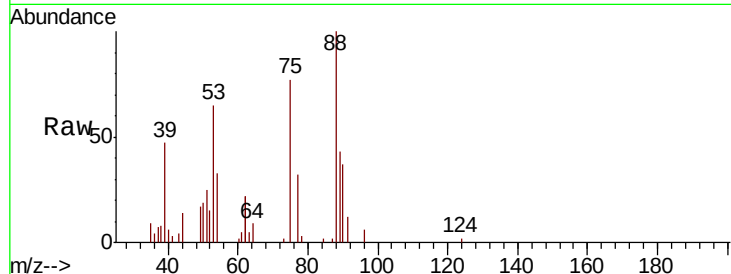
#81
trans-1,4-Dichloro-2-butene
Concen: 1.963 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	66.5	99.7
89	41.8	46.9	70.3

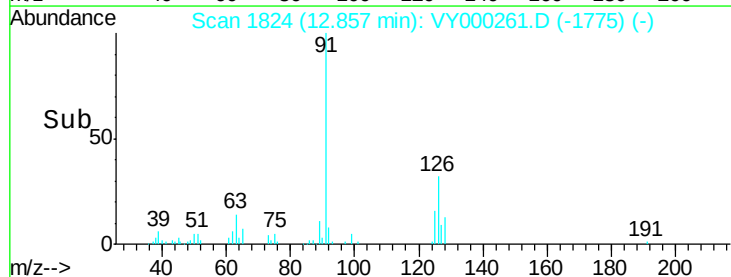
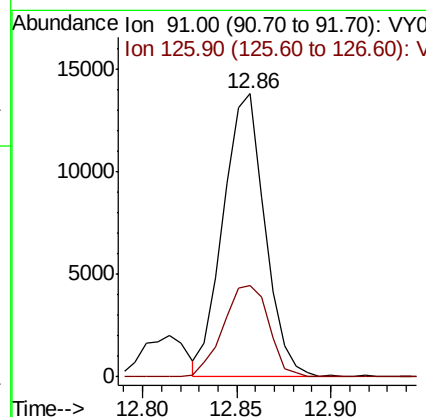
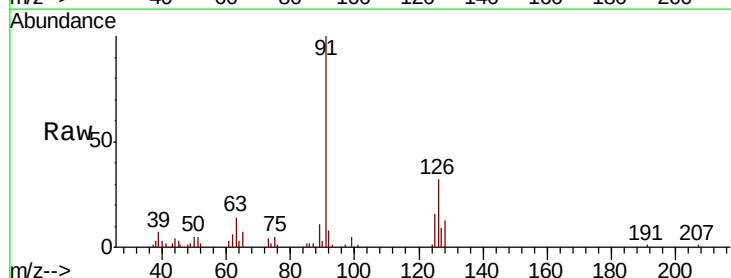
Manual Integrations
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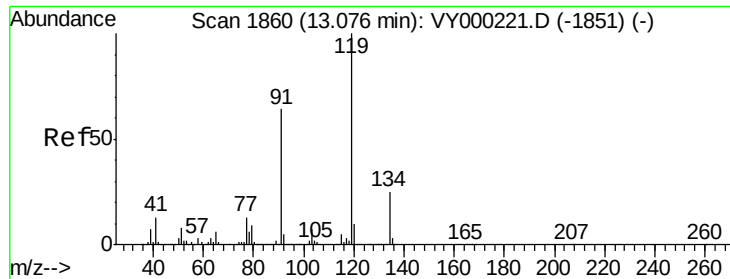
MMDadoda
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#82
4-Chlorotoluene
Concen: 2.305 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	52.0





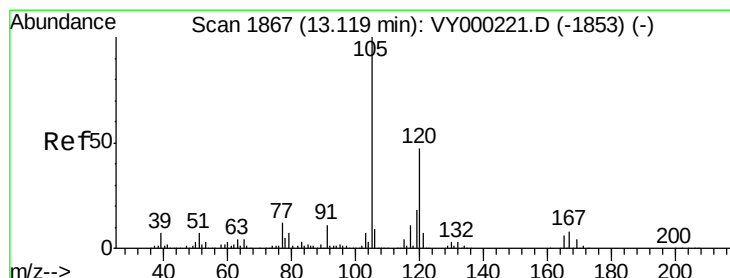
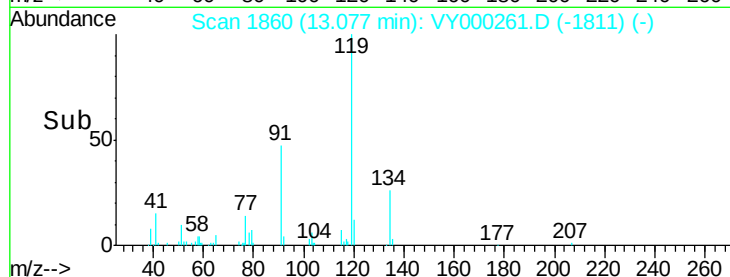
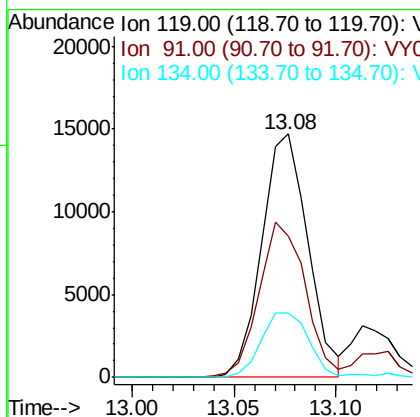
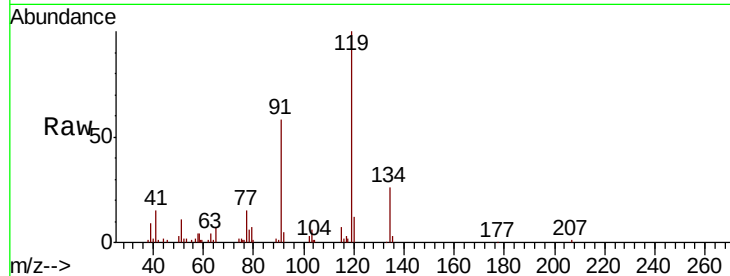
#83
 tert-Butylbenzene
 Concen: 2.363 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.4	97.2
134	28.5	13.2	39.6

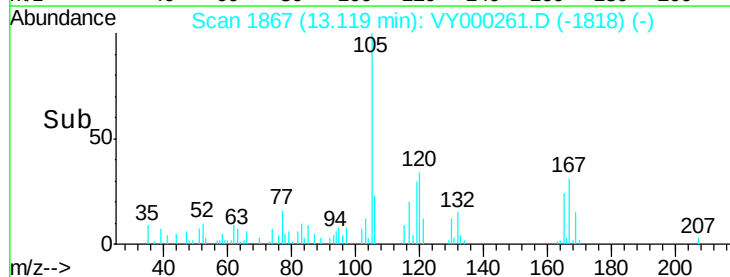
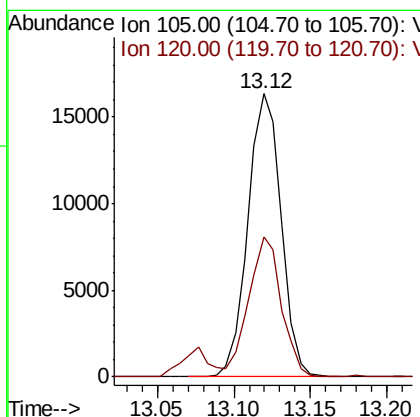
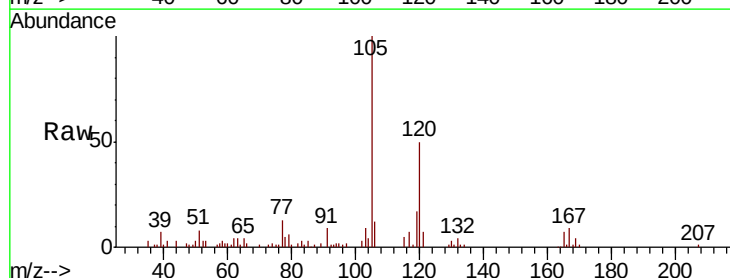
Manual Integrations
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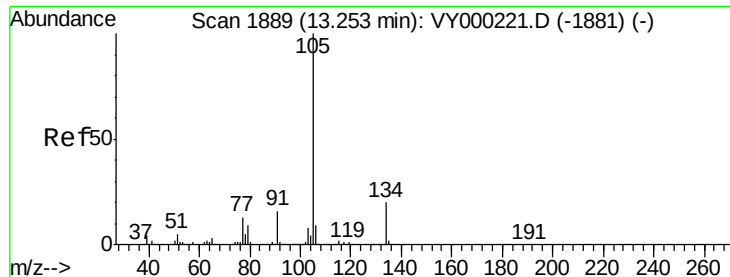
MMDadoda
 10/14/2019 1:34:08 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 2.181 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	22.8	68.3





#85

sec-Butylbenzene

Concen: 2.186 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:105 Resp: 29637

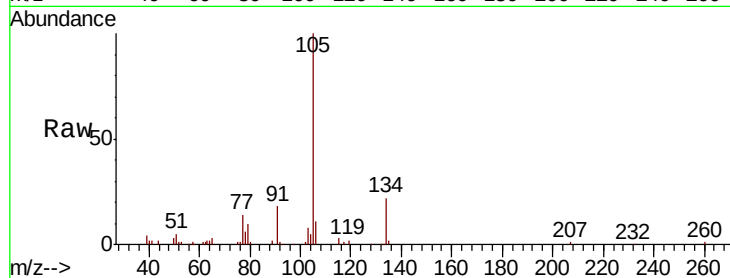
Ion Ratio Lower Upper

105 100

134 21.8 10.2 30.6

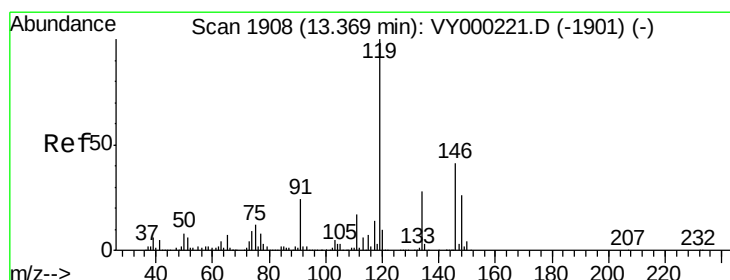
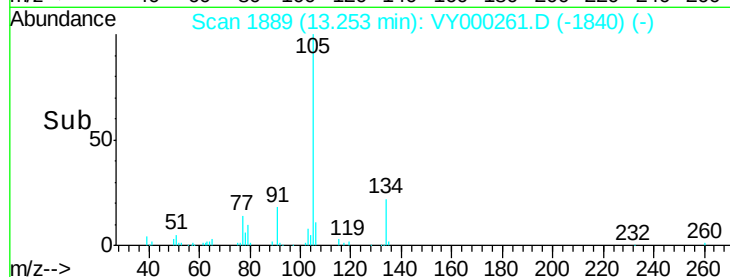
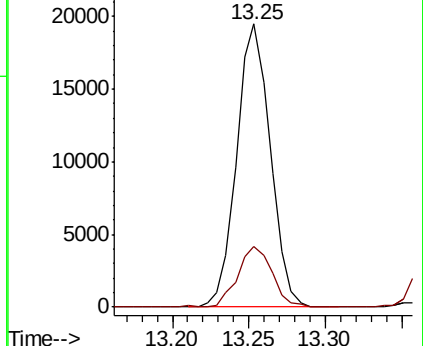
Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.173 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

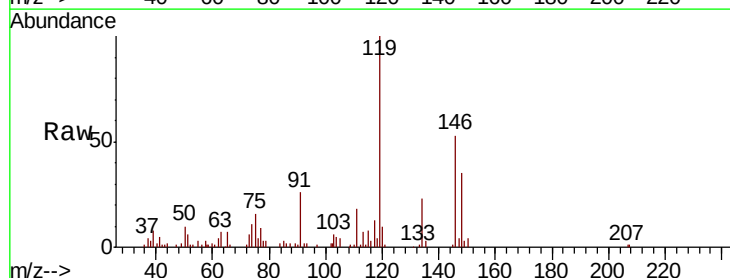
Tgt Ion:119 Resp: 25898

Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.9

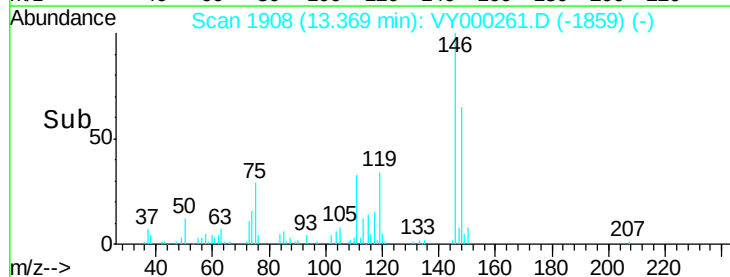
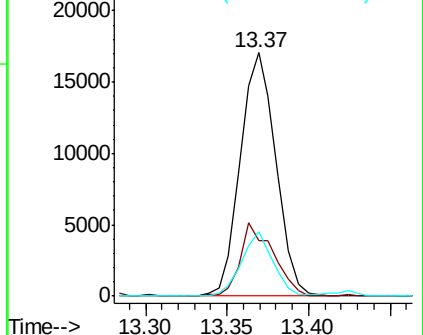
91 23.6 11.7 35.1

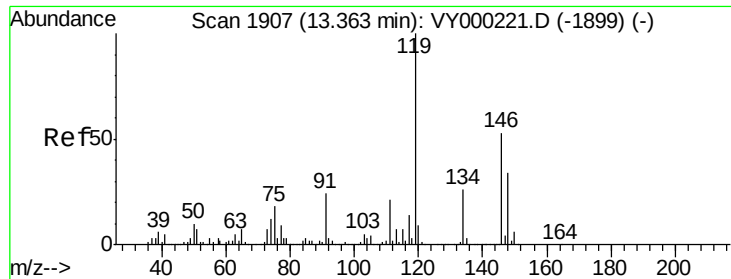


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





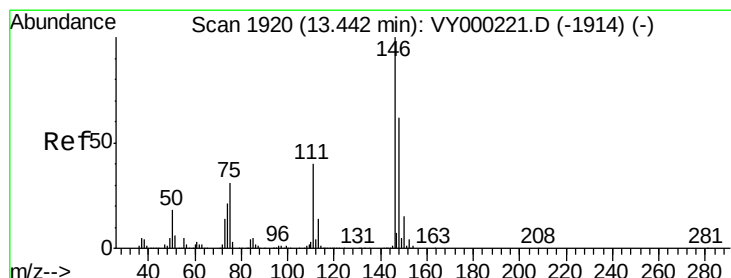
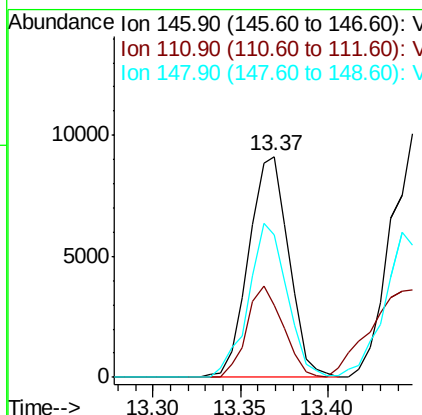
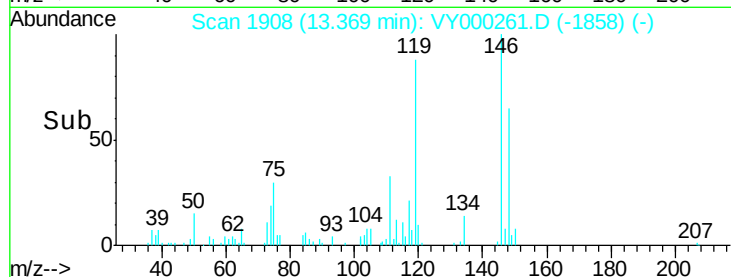
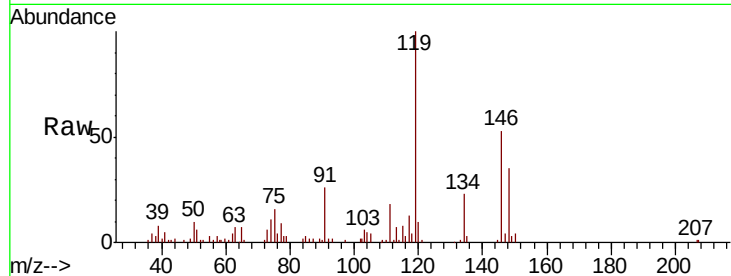
#87
 1,3-Dichlorobenzene
 Concen: 2.532 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.3	60.8
148	67.2	31.7	95.1

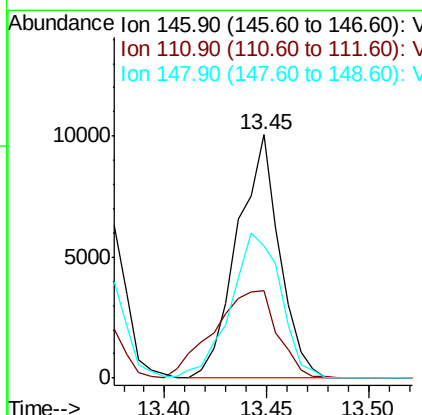
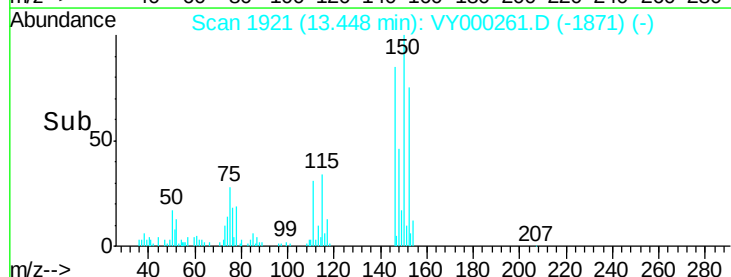
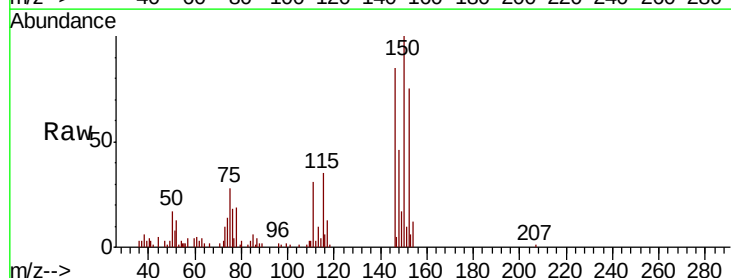
Manual Integrations
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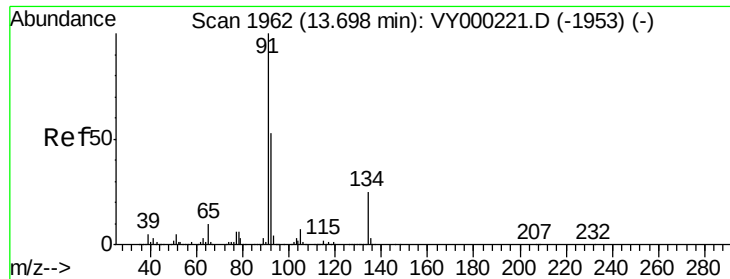
MMDadoda
 10/14/2019 1:34:08 PM



#88
 1,4-Dichlorobenzene
 Concen: 2.407 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.0	19.8	59.3
148	71.0	31.6	94.8





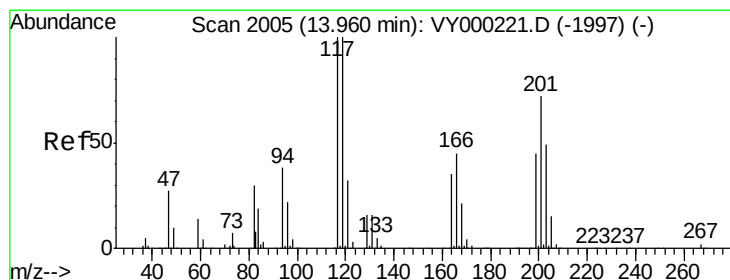
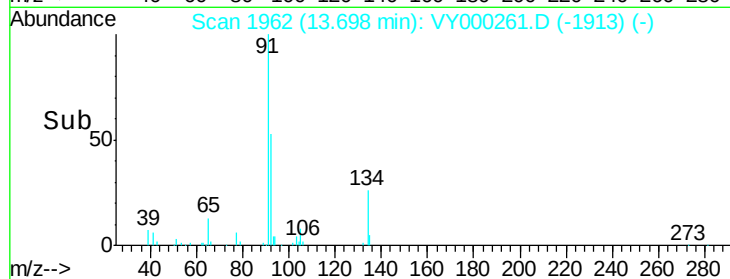
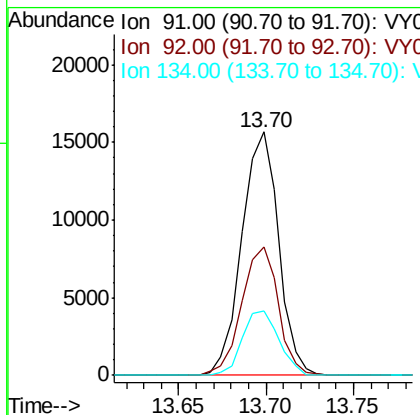
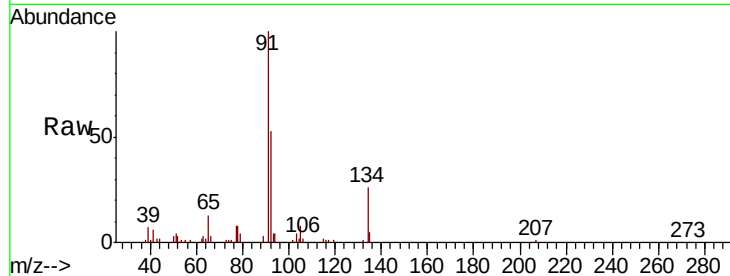
#89
n-Butylbenzene
Concen: 2.037 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.0	80.8
134	26.3	12.8	38.4

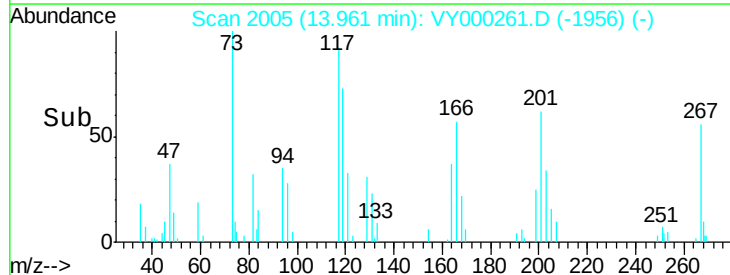
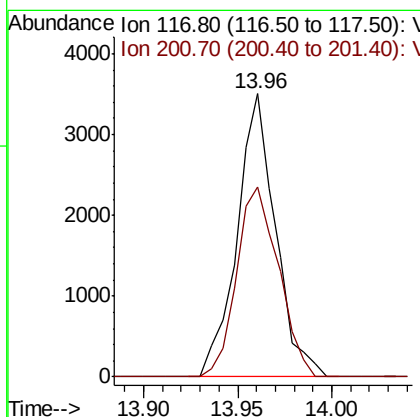
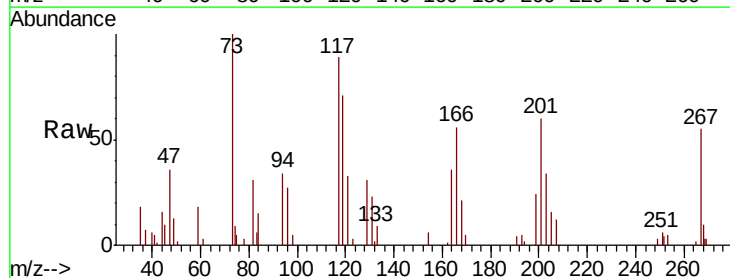
Manual Integrations
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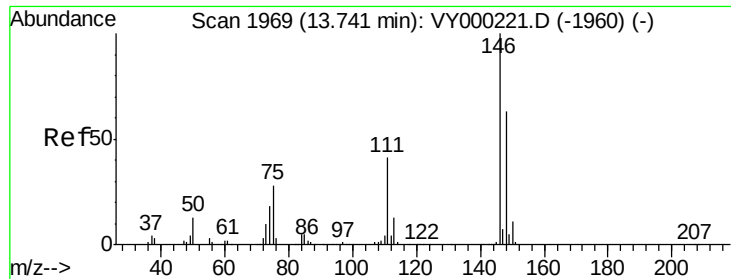
MMDadoda
10/14/2019 1:34:08 PM



#90
Hexachloroethane
Concen: 2.193 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.0	35.5	106.5





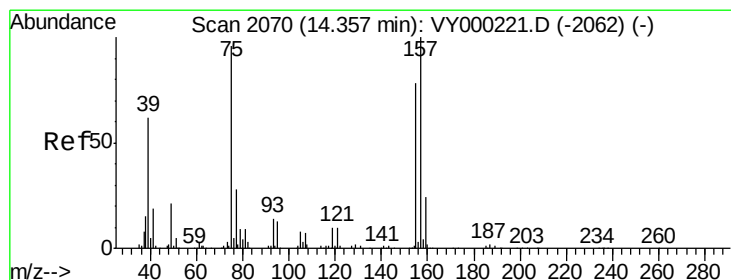
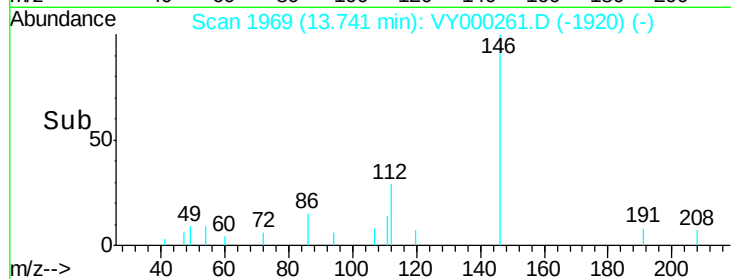
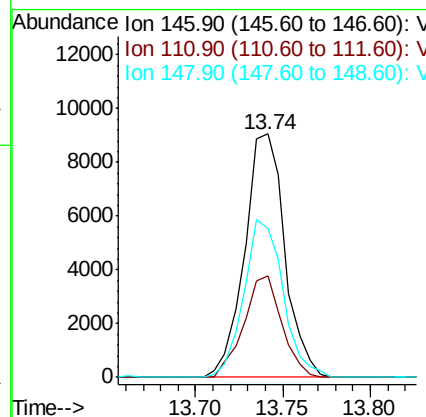
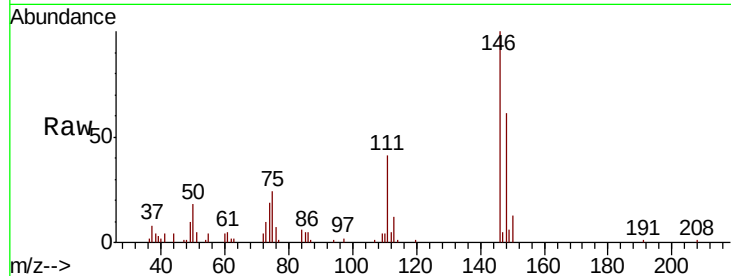
#91
 1,2-Dichlorobenzene
 Concen: 2.474 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.9	62.8
148	63.2	31.6	95.0

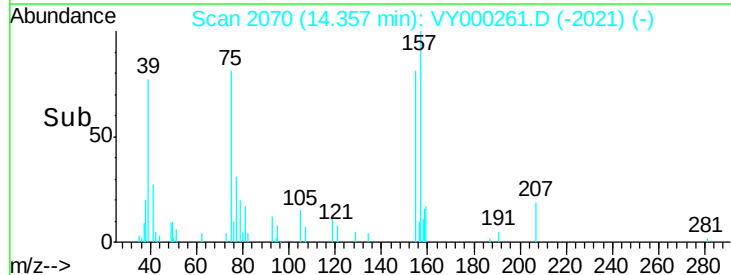
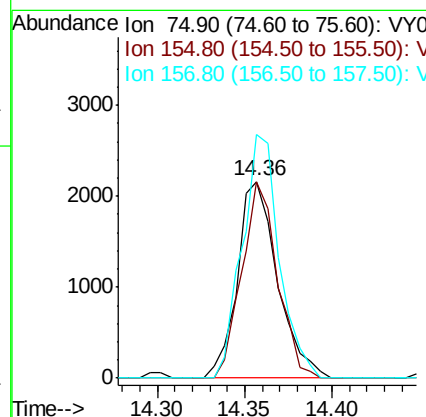
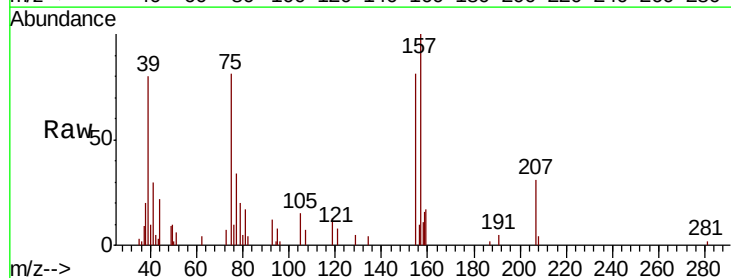
Manual Integrations
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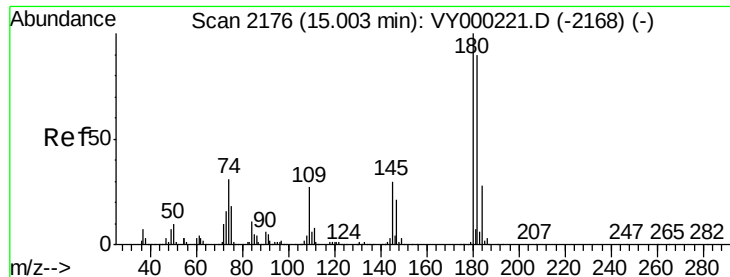
MMDadoda
 10/14/2019 1:34:08 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.383 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	42.4	127.3
157	114.7	53.8	161.5





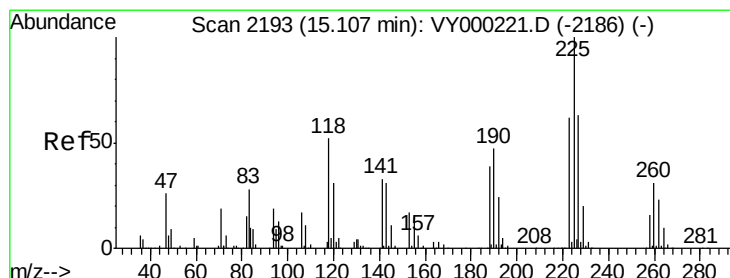
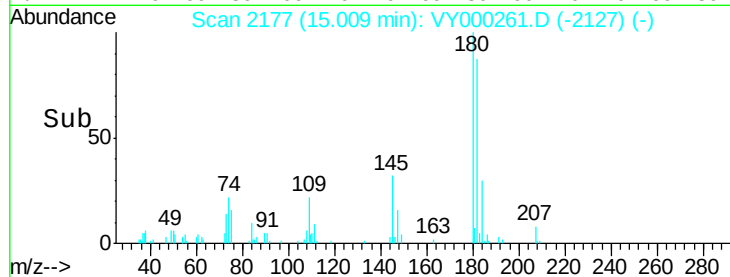
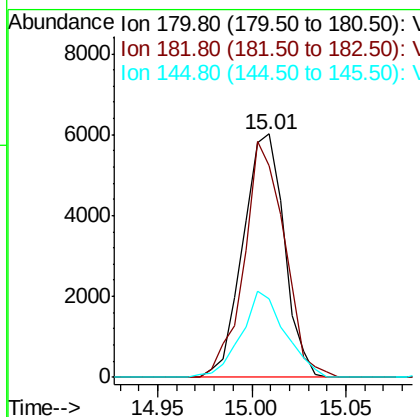
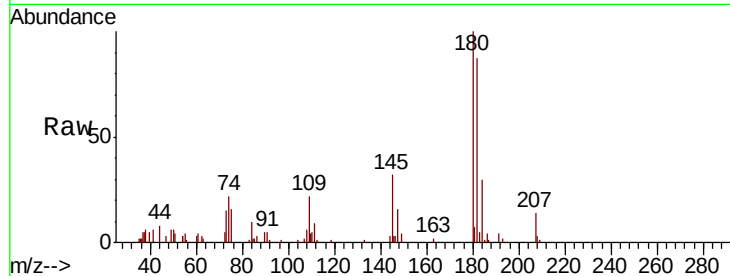
#93
 1,2,4-Trichlorobenzene
 Concen: 2.299 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	37.8	15.3	45.8

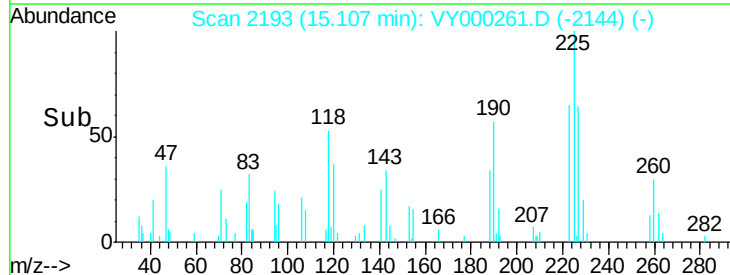
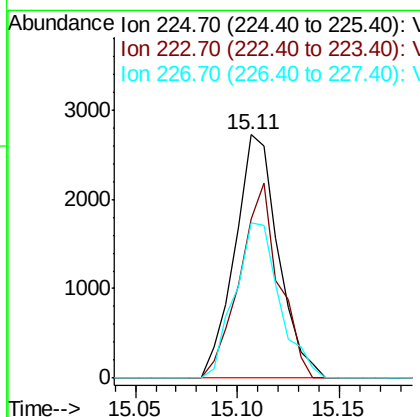
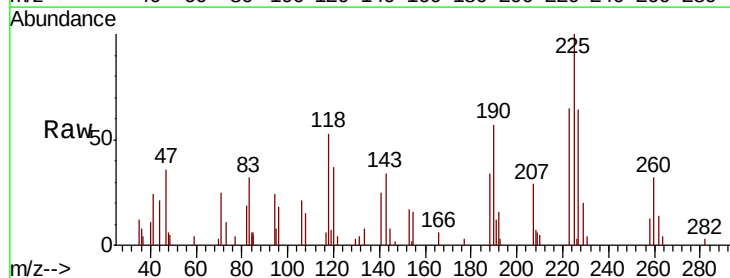
Manual Integrations
 APPROVED

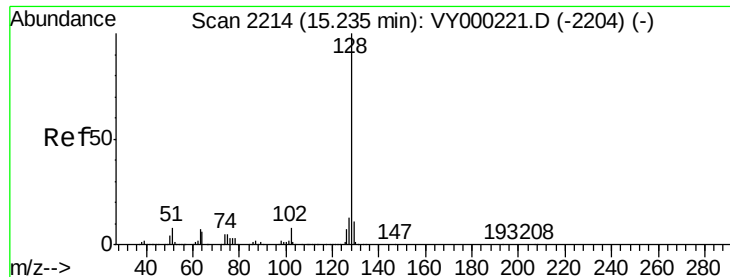
MMDadoda
 10/14/2019 1:34:08 PM



#94
 Hexachlorobutadiene
 Concen: 2.125 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.4	31.9	95.5
227	65.5	31.5	94.5





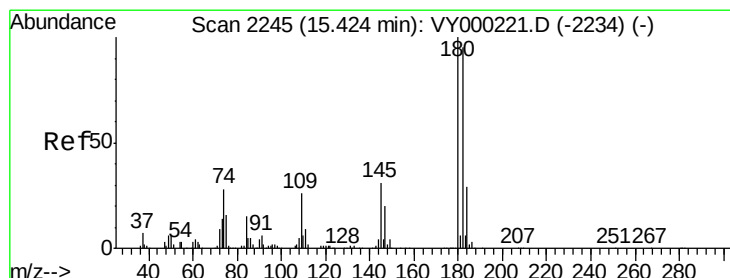
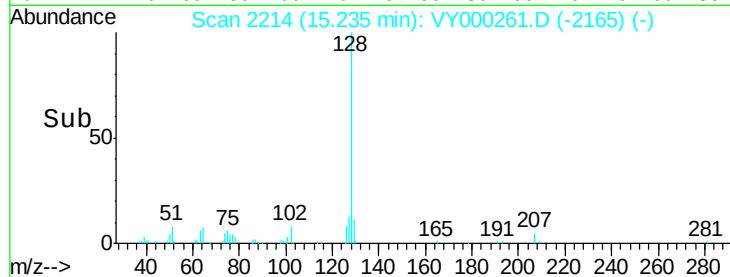
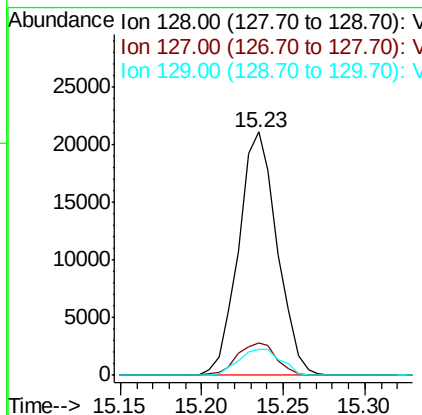
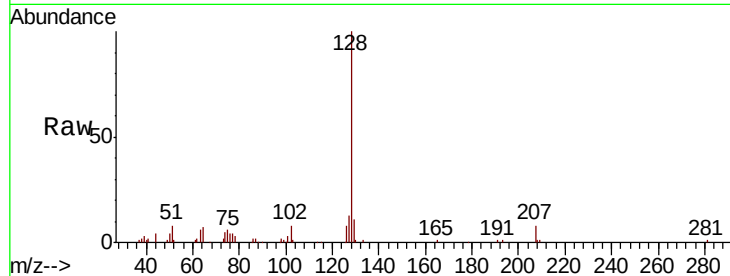
#95
Naphthalene
Concen: 2.329 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/14/2019 1:34:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.475 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.7
145	33.6	16.3	48.9

