

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000024.D
 Acq On : 12 Sep 2019 13:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00µl/5.00ml
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY091219

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:54:11 PM

Quant Time: Sep 19 11:56:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:53:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	146771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	271690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	233341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	76952	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	7.71	113	73947	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	10.18	98	316138	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.48	95	108751	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	52736	48.724	ug/l	94
3) Chloromethane	2.11	50	72957	54.663	ug/l	99
4) Vinyl Chloride	2.25	62	83242	50.718	ug/l	99
5) Bromomethane	2.63	94	56386	57.295	ug/l	100
6) Chloroethane	2.78	64	55632	50.915	ug/l	91
7) Trichlorofluoromethane	3.12	101	106668	50.017	ug/l	96
8) Diethyl Ether	3.53	74	45583	52.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	75315	51.895	ug/l	99
10) Methyl Iodide	4.09	142	80379	50.647	ug/l	99
11) Tert butyl alcohol	4.97	59	49951	248.507	ug/l	99
12) 1,1-Dichloroethene	3.87	96	68942	50.971	ug/l	83
13) Acrolein	3.73	56	31139	235.594	ug/l	93
14) Allyl chloride	4.48	41	108124	51.486	ug/l	99
15) Acrylonitrile	5.16	53	145605	261.839	ug/l	100
16) Acetone	3.95	43	115777	264.086	ug/l	96
17) Carbon Disulfide	4.19	76	130591	52.745	ug/l	99
18) Methyl Acetate	4.48	43	61070	49.507	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	214301	52.310	ug/l	99
20) Methylene Chloride	4.71	84	84194	54.348	ug/l	90
21) trans-1,2-Dichloroethene	5.22	96	77777	51.932	ug/l	90
22) Diisopropyl ether	6.12	45	244487	52.736	ug/l	94
23) Vinyl Acetate	6.06	43	854331	266.383	ug/l	96
24) 1,1-Dichloroethane	6.01	63	143163	52.111	ug/l	96
25) 2-Butanone	6.99	43	191000	268.054	ug/l	97
26) 2,2-Dichloropropane	6.98	77	128195	50.230	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	97442	51.569	ug/l	97
28) Bromochloromethane	7.33	49	68552	54.333	ug/l #	99
29) Tetrahydrofuran	7.35	42	108911	256.945	ug/l	98
30) Chloroform	7.51	83	145499	51.357	ug/l	97
31) Cyclohexane	7.77	56	107647	53.537	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	120721	51.945	ug/l	99
36) 1,1-Dichloropropene	7.92	75	102382	51.325	ug/l	99
37) Ethyl Acetate	7.08	43	68960	51.265	ug/l	98
38) Carbon Tetrachloride	7.90	117	100829	53.549	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	126930	51.502	ug/l	95
40) Benzene	8.16	78	338758	52.161	ug/l	98
41) Methacrylonitrile	7.31	41	32941	42.091	ug/l #	81
42) 1,2-Dichloroethane	8.24	62	90022	54.240	ug/l	99
43) Isopropyl Acetate	8.27	43	140908	54.056	ug/l	98
44) Trichloroethene	8.94	130	85266	52.582	ug/l	88
45) 1,2-Dichloropropane	9.21	63	86591	51.708	ug/l	97
46) Dibromomethane	9.31	93	48400	52.077	ug/l	98
47) Bromodichloromethane	9.50	83	116568	52.542	ug/l	99
48) Methyl methacrylate	9.29	41	60868	52.917	ug/l	98
49) 1,4-Dioxane	9.29	88	19426	998.071	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	379854	260.063	ug/l	99
52) Toluene	10.24	92	213991	52.437	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	125100	53.630	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	140871	51.900	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	75814	51.476	ug/l	94
56) Ethyl methacrylate	10.51	69	111420	53.905	ug/l	99
57) 1,3-Dichloropropane	10.79	76	122116	51.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	282105	249.161	ug/l	99
59) 2-Hexanone	10.83	43	287722	273.352	ug/l	96
60) Dibromochloromethane	10.98	129	83011	53.491	ug/l	100
61) 1,2-Dibromoethane	11.09	107	70534	54.222	ug/l	97
64) Tetrachloroethene	10.71	164	75052	52.450	ug/l	96
65) Chlorobenzene	11.51	112	238584	53.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	81781	53.083	ug/l	99
67) Ethyl Benzene	11.59	91	421207	52.146	ug/l	97
68) m/p-Xylenes	11.70	106	331184	108.652	ug/l	97
69) o-Xylene	12.02	106	160161	53.612	ug/l	97
70) Styrene	12.04	104	282938	54.445	ug/l	99
71) Bromoform	12.20	173	49537	53.253	ug/l #	97
73) Isopropylbenzene	12.32	105	423943	53.026	ug/l	100
74) N-amyl acetate	12.14	43	129314	54.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	97030	50.760	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72428m	49.835	ug/l	
77) Bromobenzene	12.60	156	88933	52.584	ug/l	98
78) n-propylbenzene	12.66	91	524707	53.703	ug/l	100
79) 2-Chlorotoluene	12.75	91	283843	51.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	351283	52.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	38491	52.533	ug/l	98
82) 4-Chlorotoluene	12.85	91	303338	52.901	ug/l	100
83) tert-Butylbenzene	13.07	119	307304	53.576	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	357331	54.188	ug/l	99
85) sec-Butylbenzene	13.25	105	458161	54.124	ug/l	100
86) p-Isopropyltoluene	13.37	119	387345	53.941	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	183114	53.797	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	186230	54.369	ug/l	99
89) n-Butylbenzene	13.69	91	401670	55.198	ug/l	100
90) Hexachloroethane	13.96	117	78012	54.363	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	168946	53.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18882	57.596	ug/l	96

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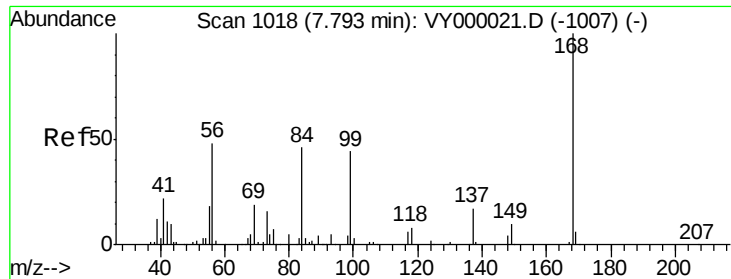
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	109848	54.346	ug/l	99
94) Hexachlorobutadiene	15.10	225	53069	57.243	ug/l	99
95) Naphthalene	15.23	128	294512	53.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	100294	55.274	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion:168 Resp: 146771

Ion Ratio Lower Upper

168 100

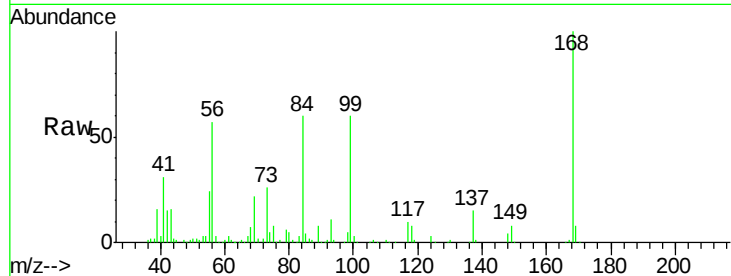
99 60.2 46.3 69.5

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

60000

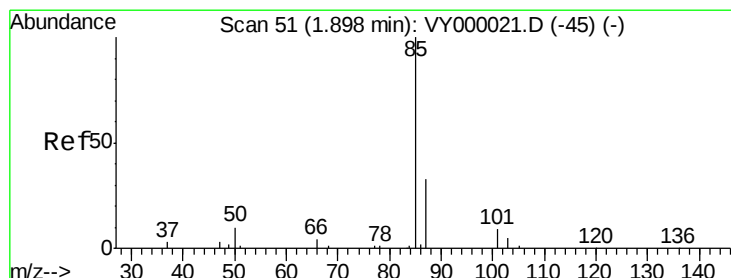
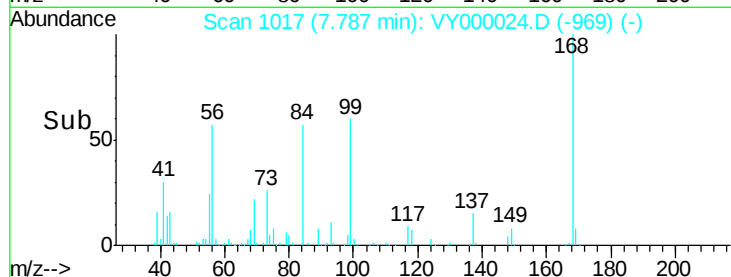
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.724 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000024.D

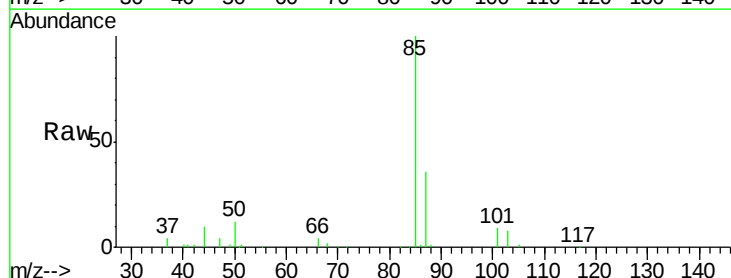
Acq: 12 Sep 2019 13:57

Tgt Ion: 85 Resp: 52736

Ion Ratio Lower Upper

85 100

87 36.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

30000

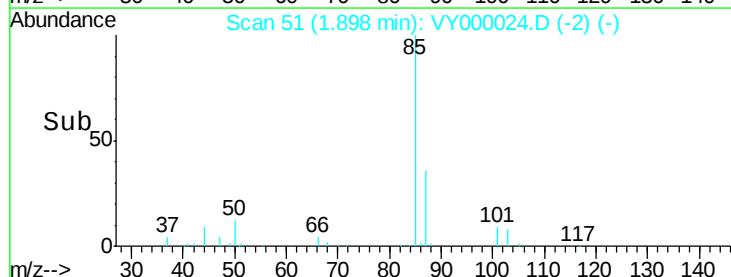
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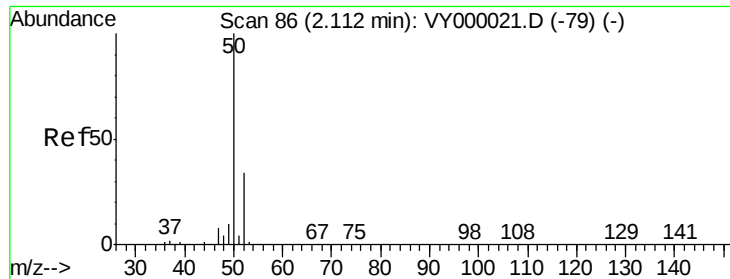
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 54.663 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY091219

Tot Ion: 50 Resp: 72957

Ion Ratio Lower Upper

50 100

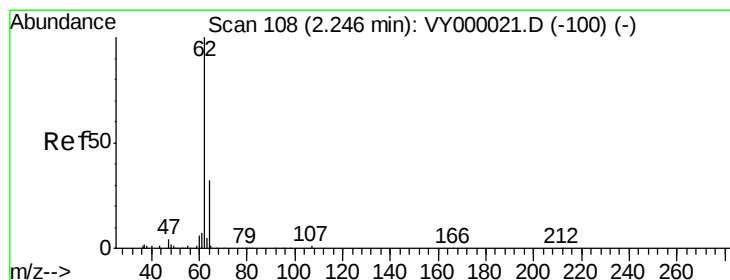
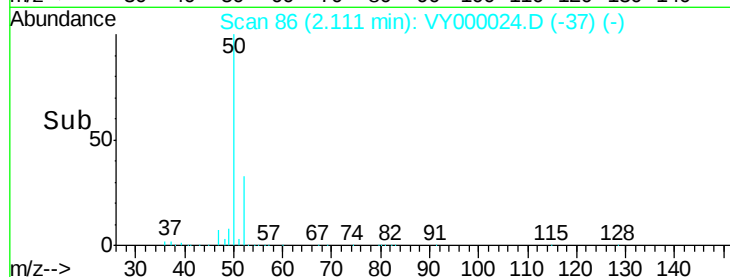
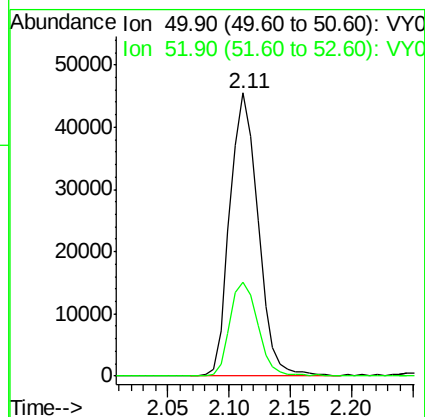
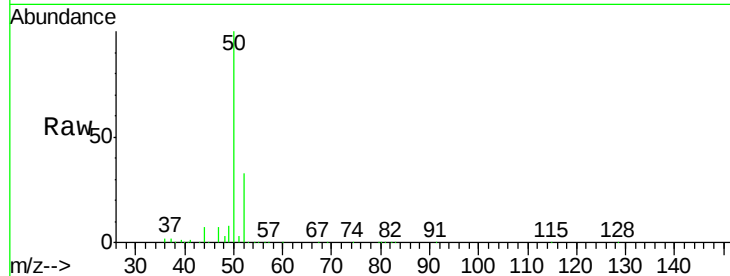
52 33.2 27.0 40.6

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#4

Vinyl Chloride

Concen: 50.718 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000024.D

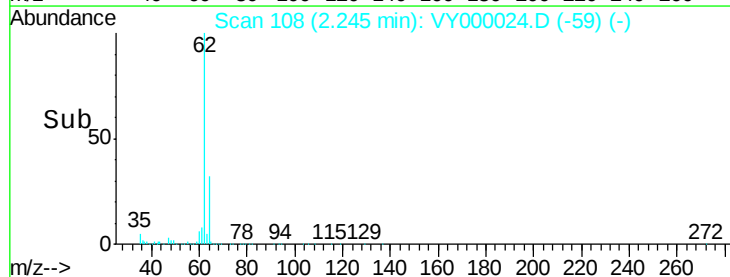
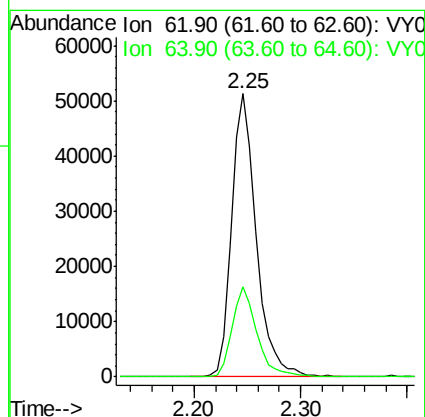
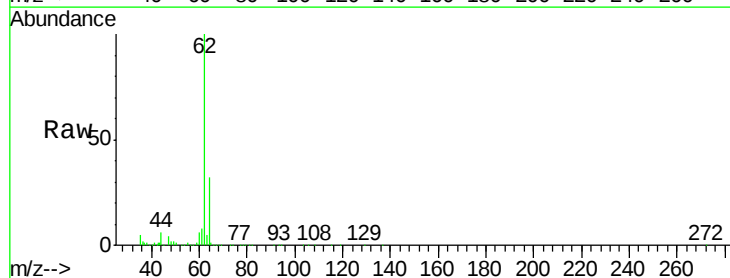
Acq: 12 Sep 2019 13:57

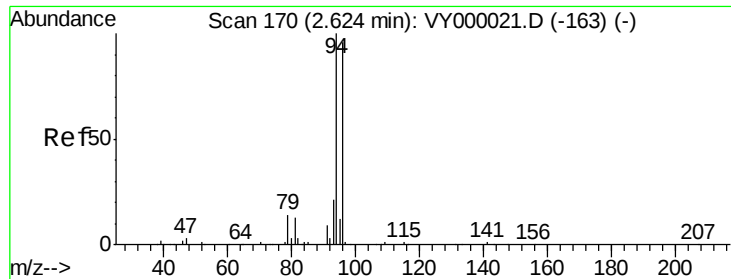
Tgt Ion: 62 Resp: 83242

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1





#5

Bromomethane

Concen: 57.295 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY091219

Tot Ion: 94 Resp: 56386

Ion Ratio Lower Upper

94 100

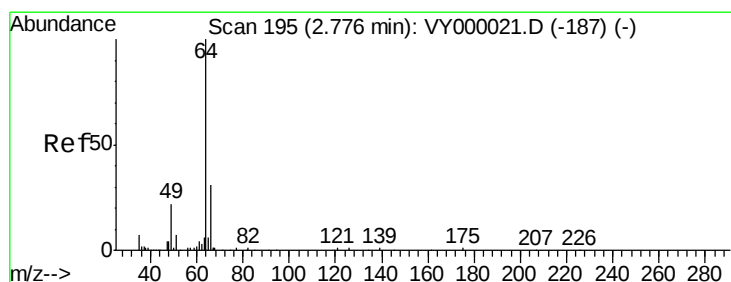
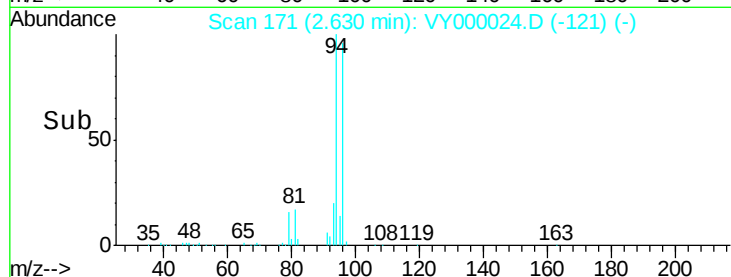
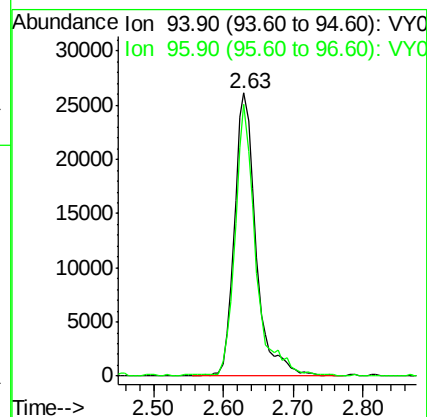
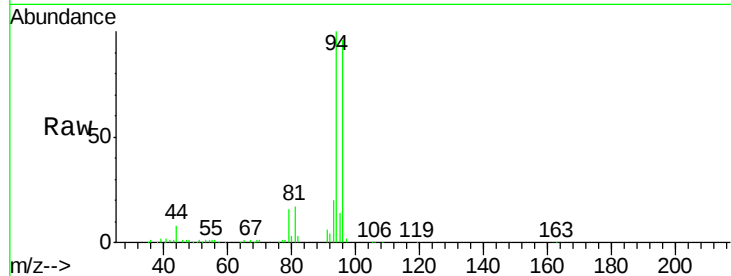
96 96.1 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 50.915 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VY000024.D

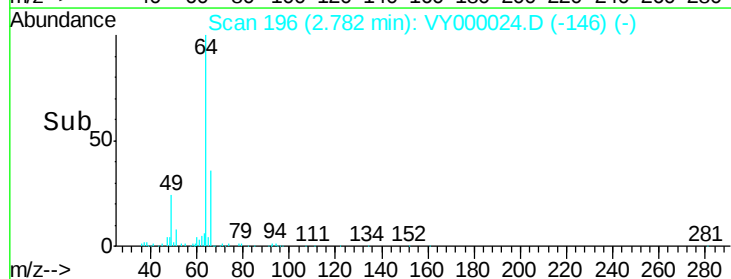
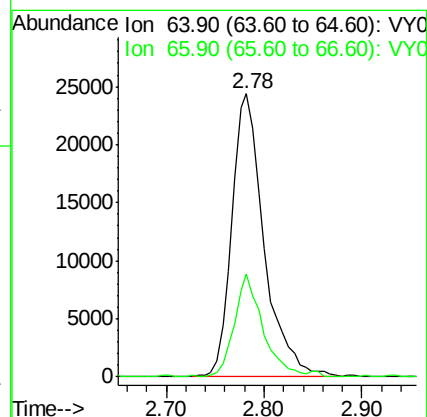
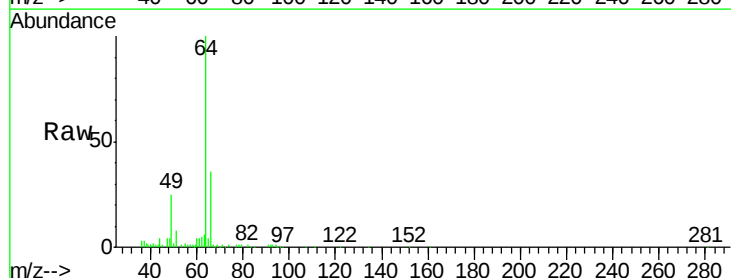
Acq: 12 Sep 2019 13:57

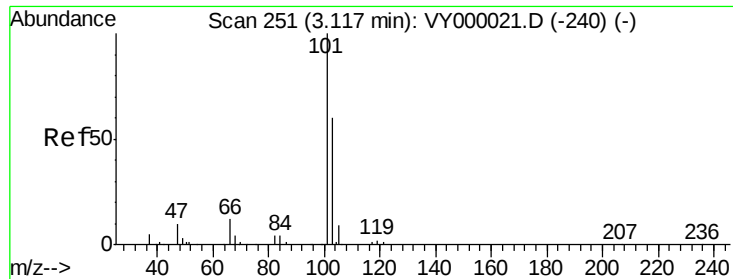
Tgt Ion: 64 Resp: 55632

Ion Ratio Lower Upper

64 100

66 36.3 25.0 37.6





#7

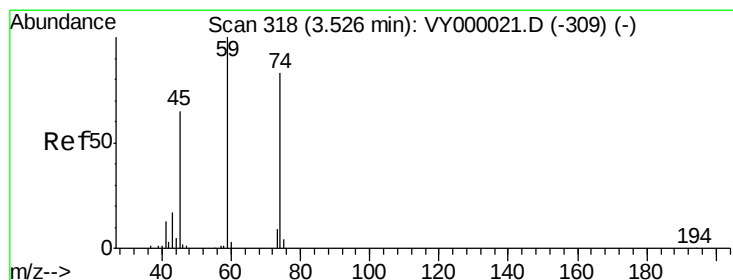
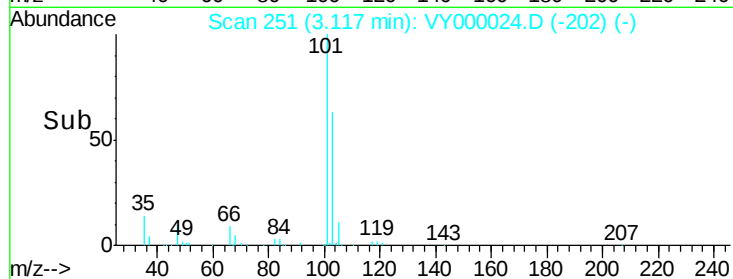
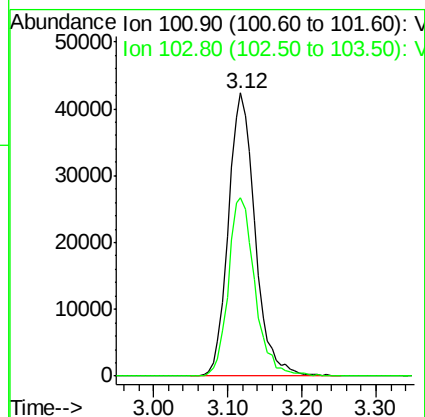
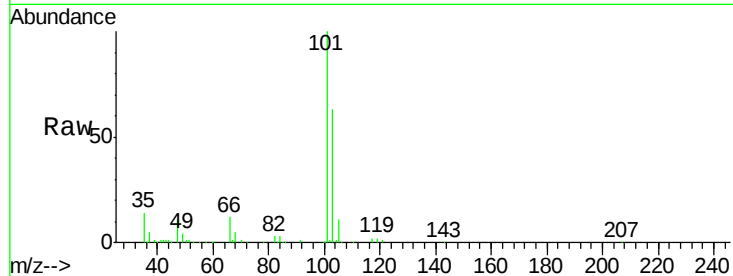
Trichlorofluoromethane
 Concen: 50.017 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
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 ClientSampleId :
 ICVVY091219

Tot Ion	Ratio	Resp	Lower	Upper
101	100	106668		
103	63.1	48.1	72.1	

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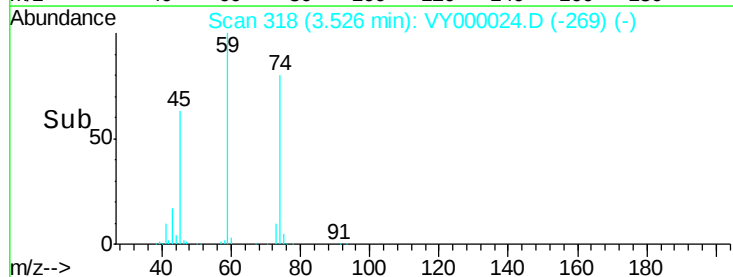
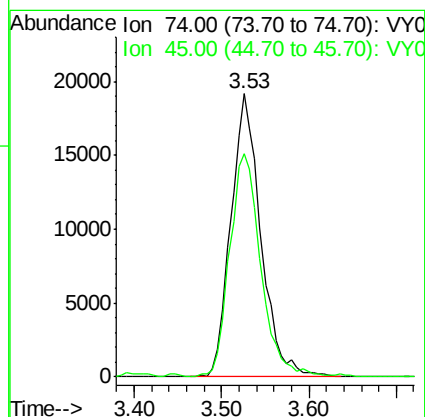
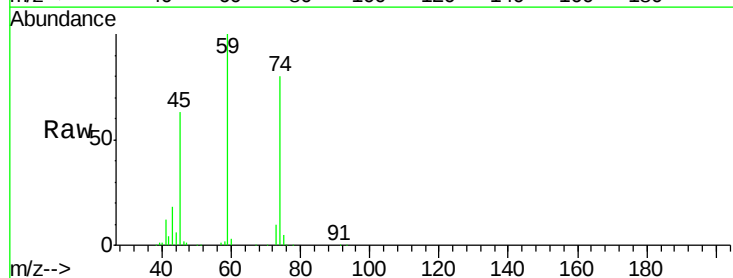
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 9/13/2019 11:54:11 PM

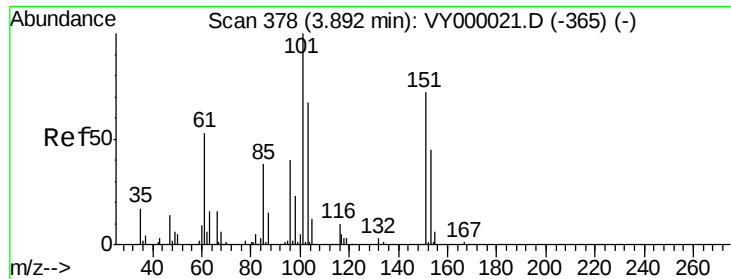


#8

Diethyl Ether
 Concen: 52.010 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45583		
45	82.3	41.9	125.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.895 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

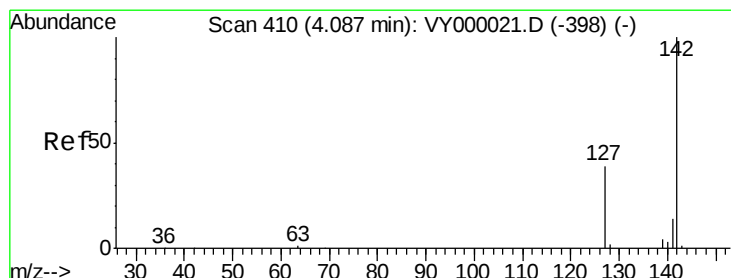
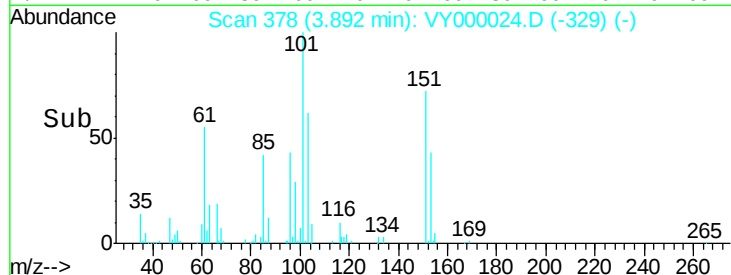
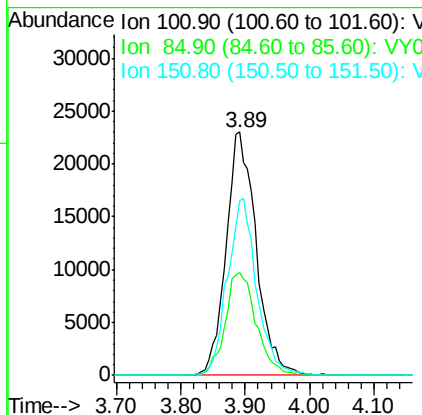
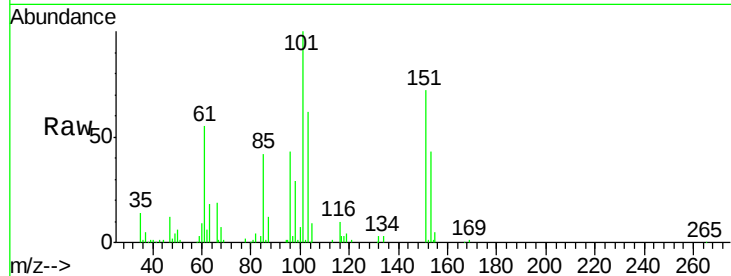
ClientSampleId :

ICVVY091219

Tot Ion:	101	Resp:	75315
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.3	52.9
151	70.5	55.9	83.9

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#10

Methyl Iodide

Concen: 50.647 ug/l

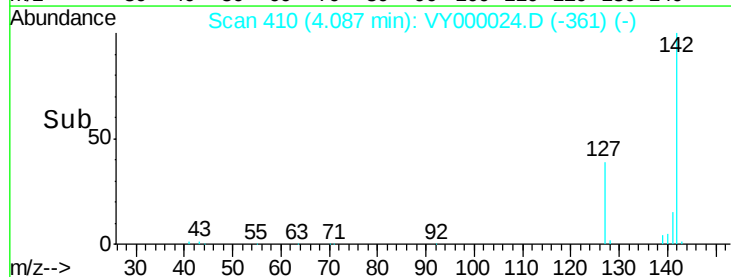
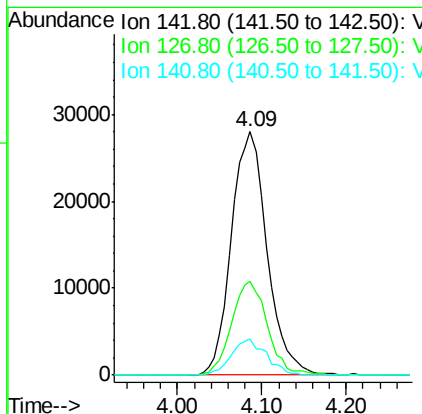
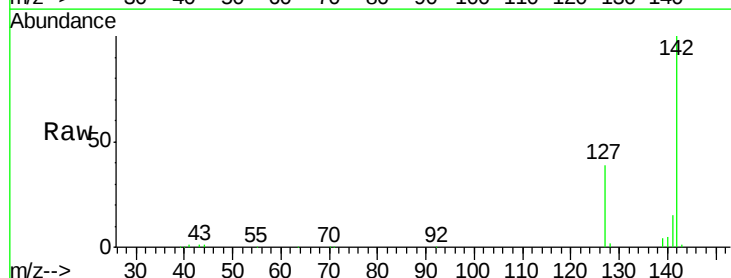
RT: 4.09 min Scan# 410

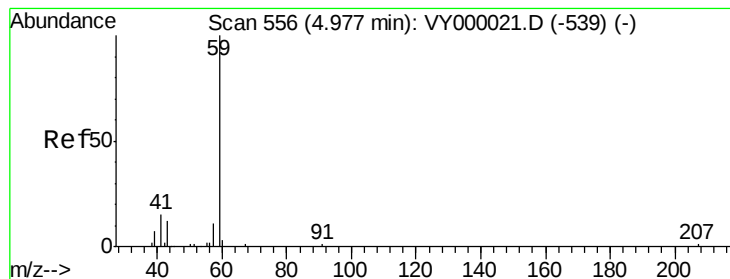
Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	142	Resp:	80379
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.4	47.2
141	14.6	10.6	16.0





#11

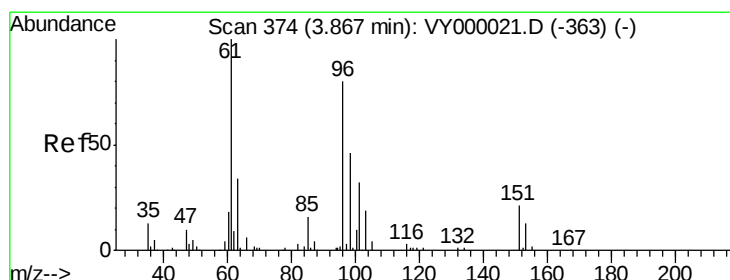
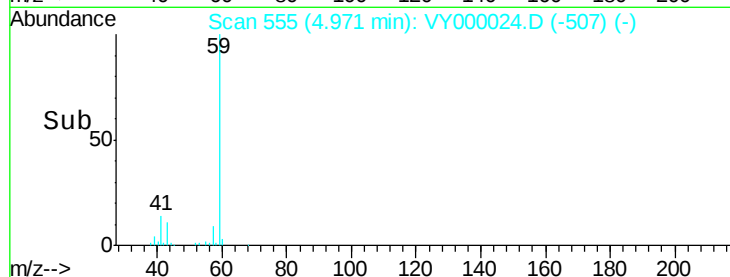
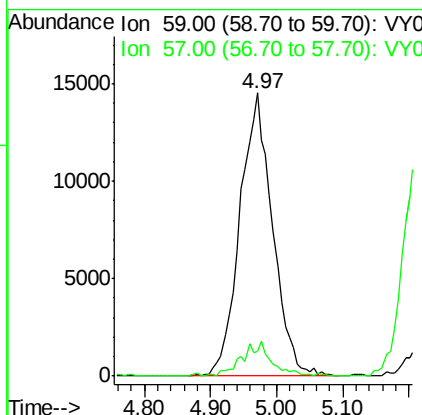
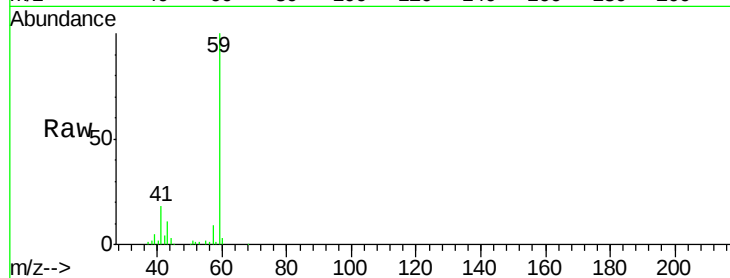
Tert butyl alcohol
Concen: 248.507 ug/l
RT: 4.97 min Scan# 555
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Resp	Lower	Upper
59	100	49951		
57	10.8		8.3	12.5

Manual Integrations
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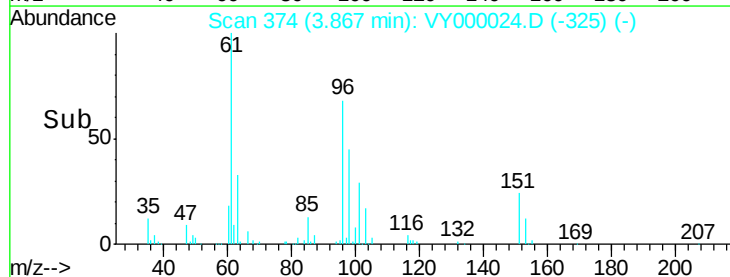
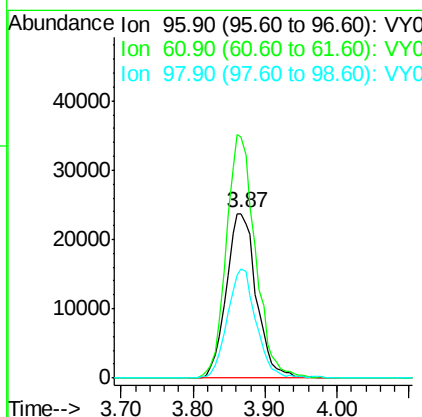
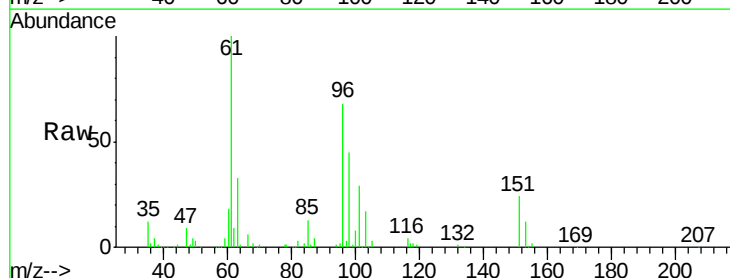
MMDadoda
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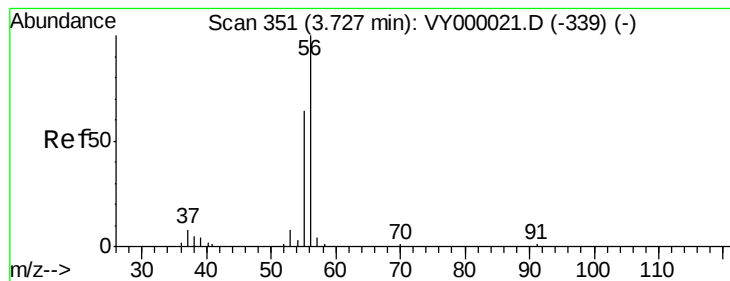


#12

1,1-Dichloroethene
Concen: 50.971 ug/l
RT: 3.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	68942		
61	147.1		99.8	149.6
98	66.2		46.3	69.5





#13

Acrolein

Concen: 235.594 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampled :

ICVY091219

Tot Ion: 56 Resp: 31139

Ion Ratio Lower Upper

56 100

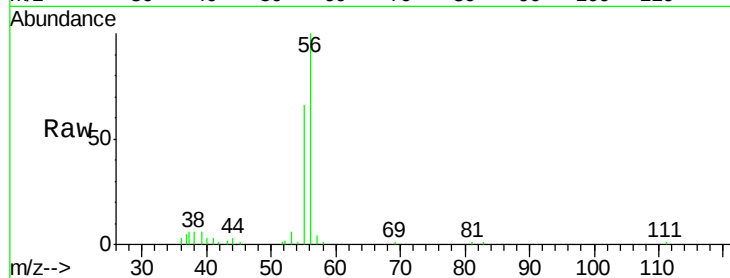
55 65.3 56.7 85.1

Manual Integrations

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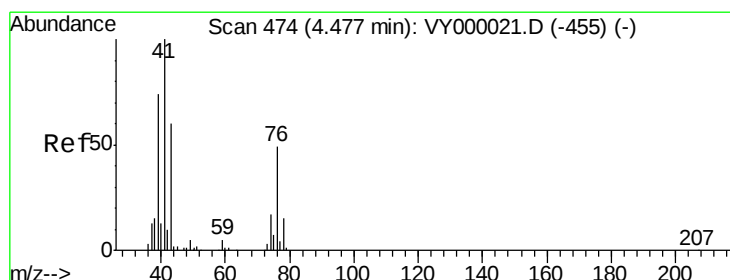
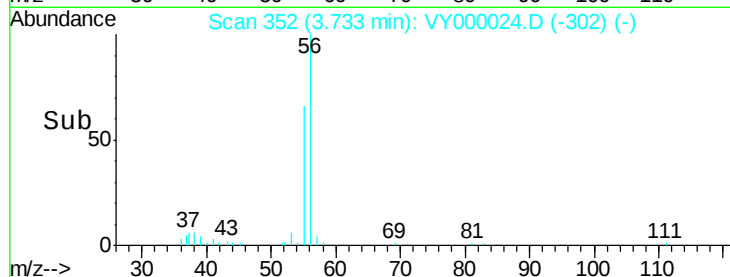
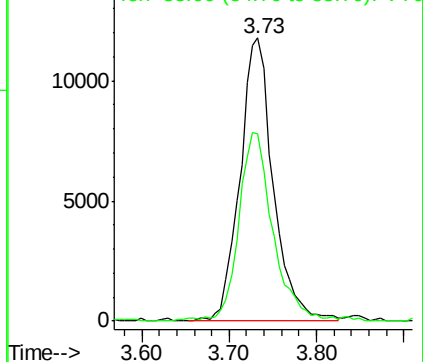
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.486 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

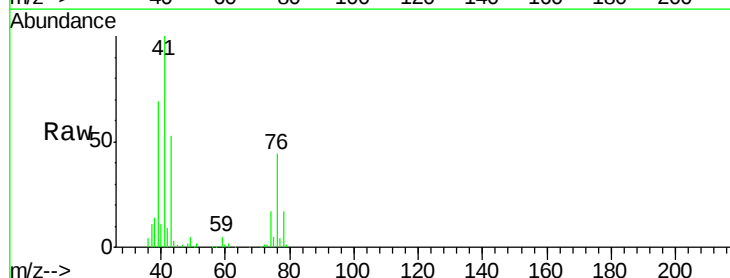
Tgt Ion: 41 Resp: 108124

Ion Ratio Lower Upper

41 100

39 66.4 53.1 79.7

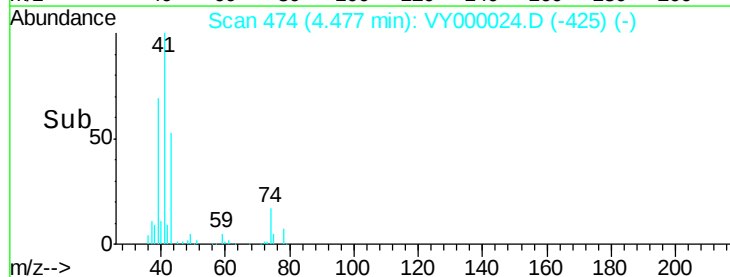
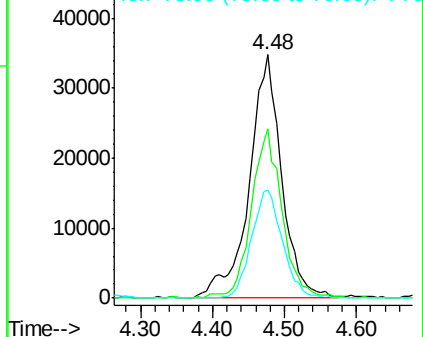
76 42.7 34.9 52.3

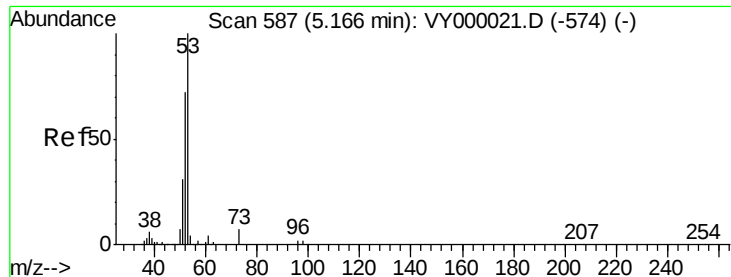


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 261.839 ug/l

RT: 5.16 min Scan# 586

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

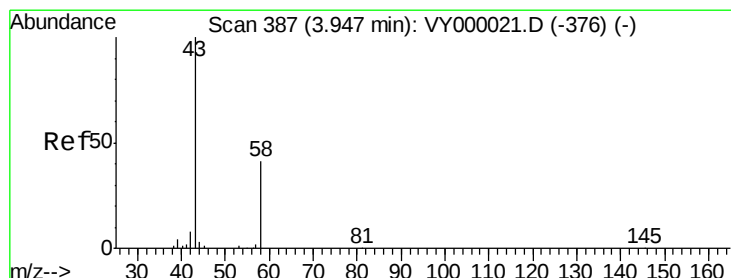
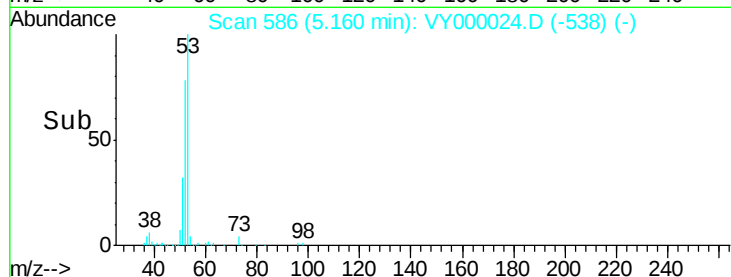
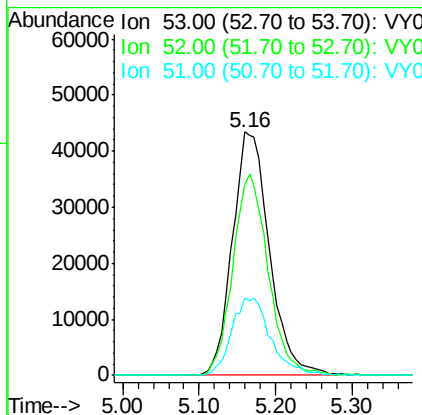
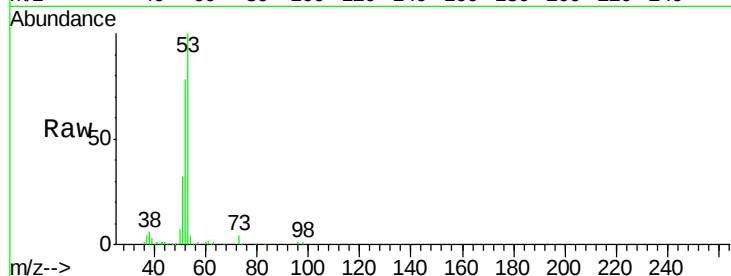
ClientSampleId :

ICVY091219

Tot Ion:	53	Resp:	145605
Ion	Ratio	Lower	Upper
53	100		
52	78.8	62.8	94.2
51	33.6	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 264.086 ug/l

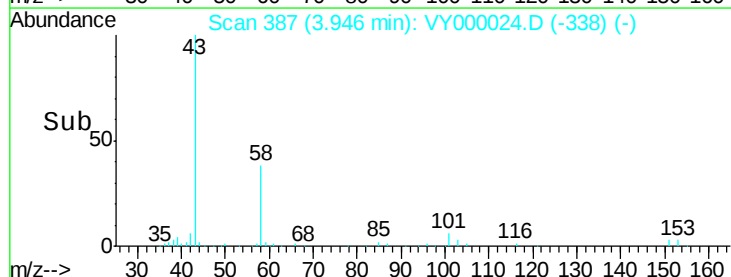
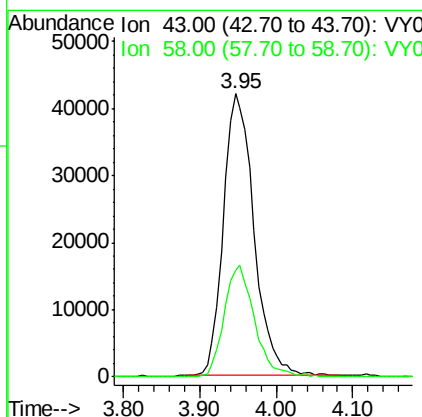
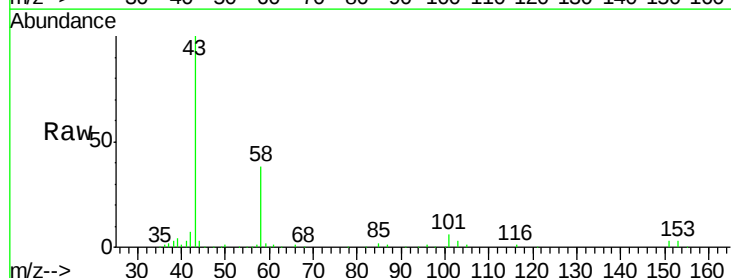
RT: 3.95 min Scan# 387

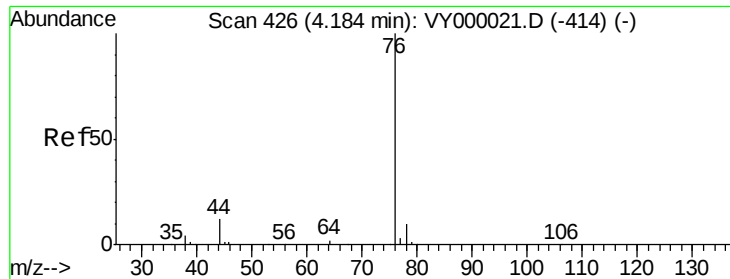
Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	43	Resp:	115777
Ion	Ratio	Lower	Upper
43	100		
58	38.1	32.5	48.7





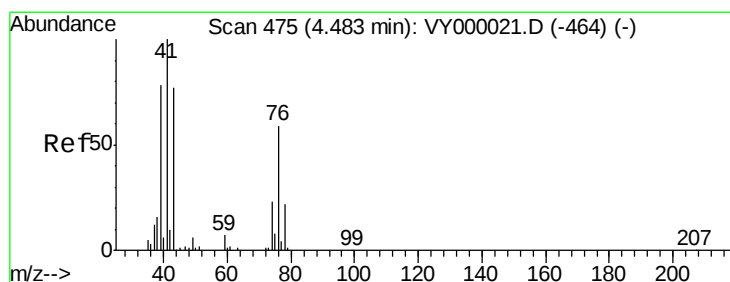
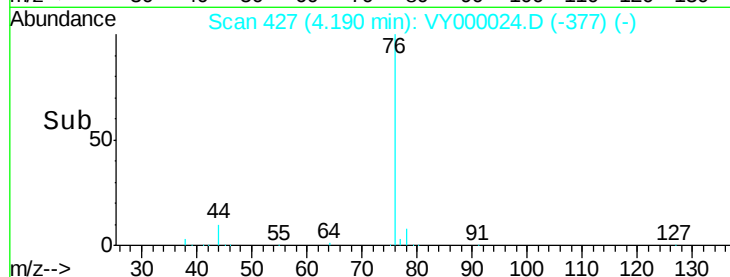
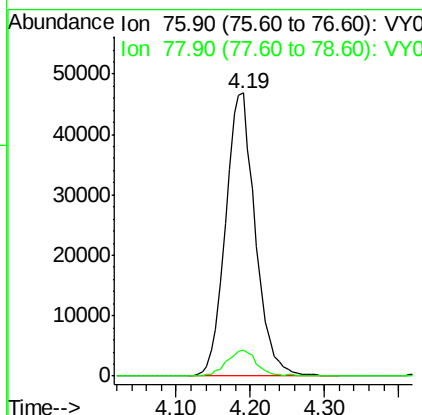
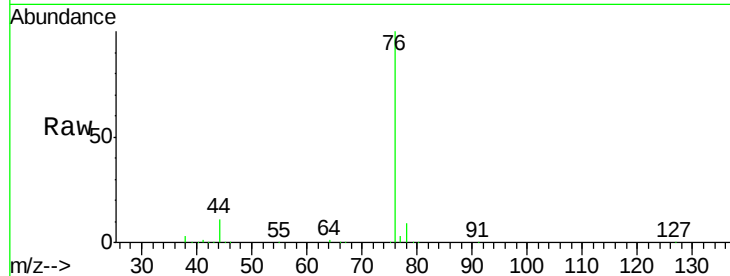
#17
Carbon Disulfide
Concen: 52.745 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Resp	Lower	Upper
76	100	130591		
78	9.0		7.6	11.4

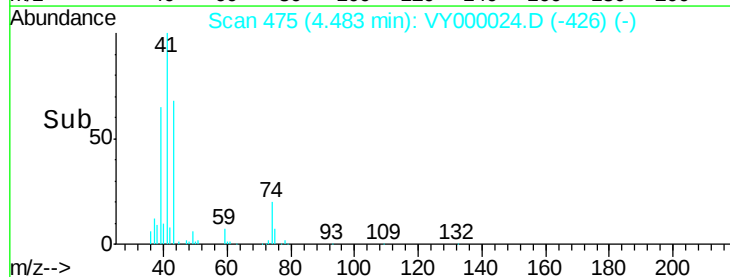
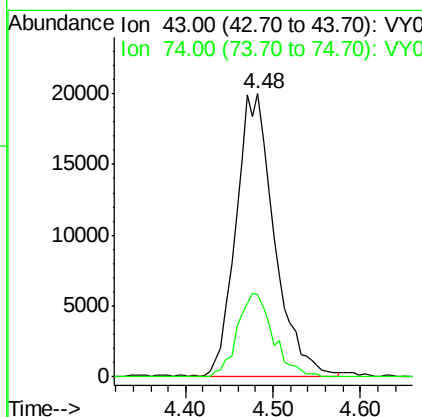
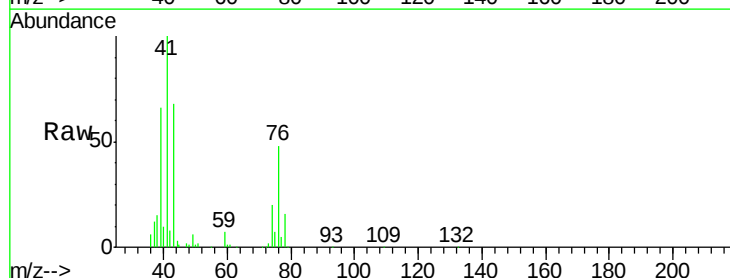
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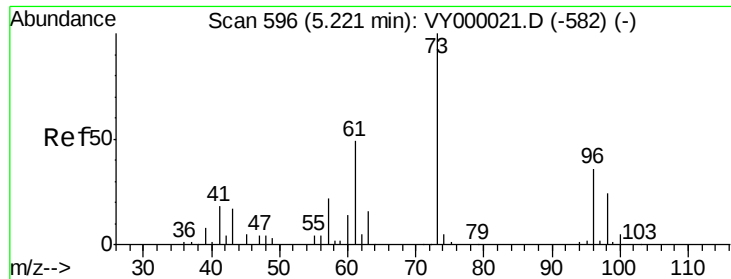
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#18
Methyl Acetate
Concen: 49.507 ug/l
RT: 4.48 min Scan# 475
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	61070		
74	27.3		21.4	32.0





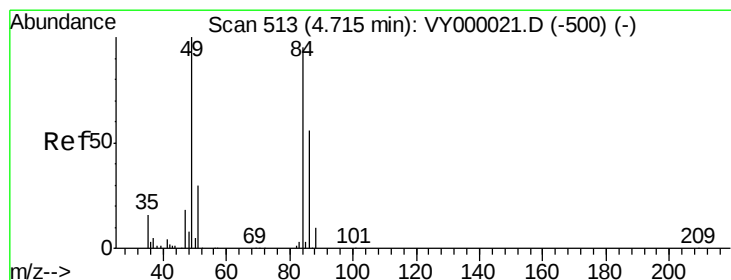
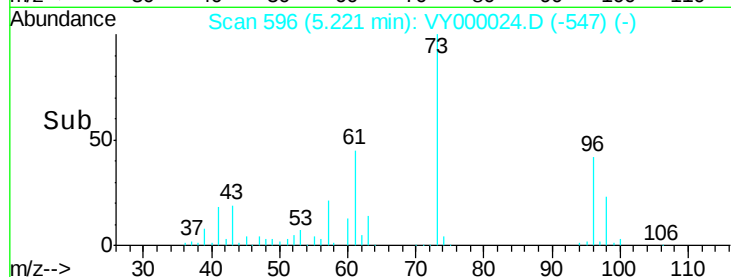
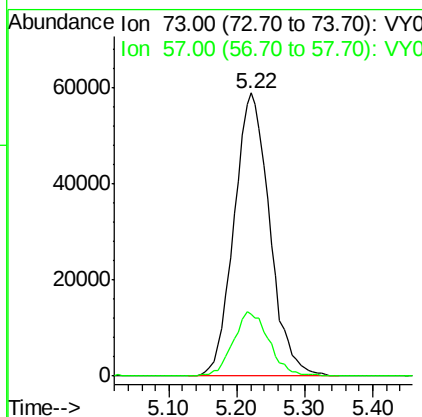
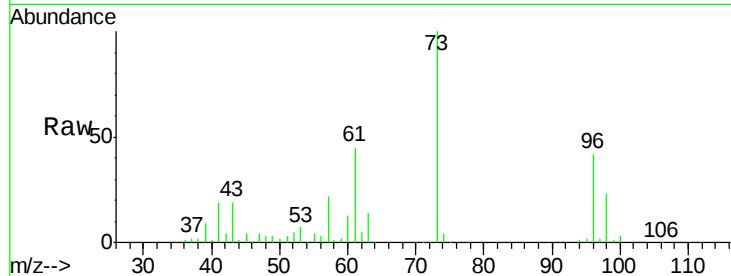
#19
Methvl tert-butvl Ether
Concen: 52.310 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion: 73 Resp: 214301
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

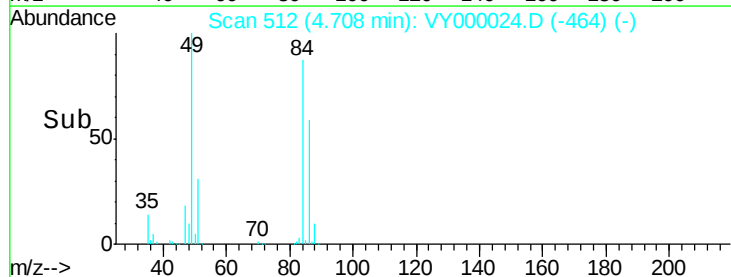
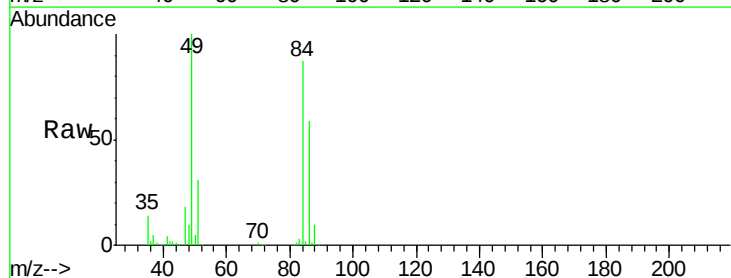
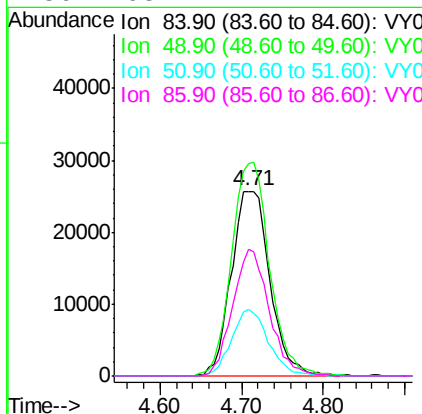
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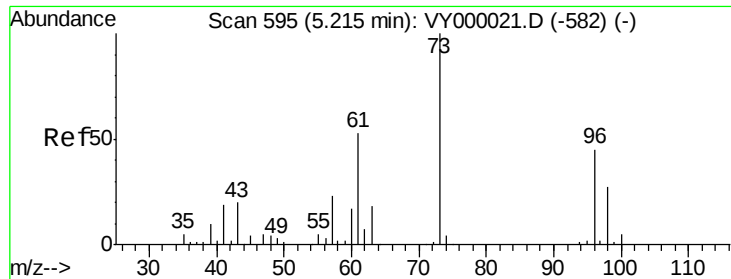
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#20
Methylene Chloride
Concen: 54.348 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion: 84 Resp: 84194
Ion Ratio Lower Upper
84 100
49 115.3 84.4 126.6
51 36.0 25.4 38.0
86 68.4 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 51.932 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

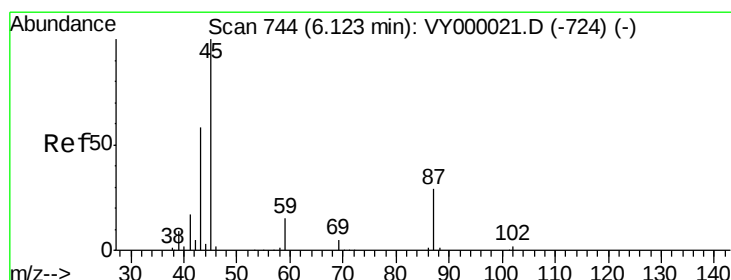
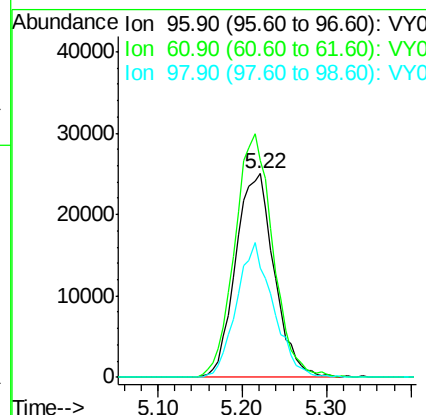
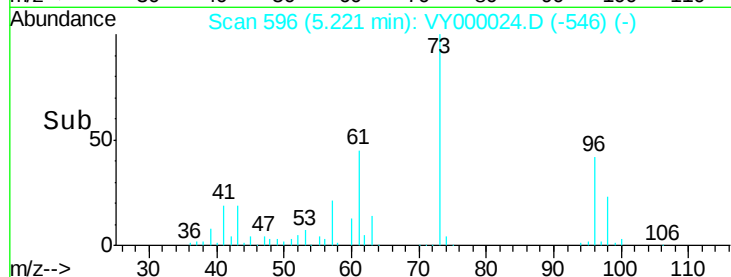
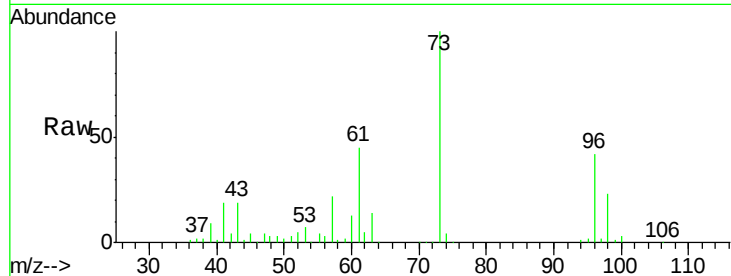
ClientSampleId :

ICVVY091219

Tot Ion:	96	Resp:	77777
Ion	Ratio	Lower	Upper
96	100		
61	106.8	95.3	142.9
98	53.8	48.7	73.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.736 ug/l

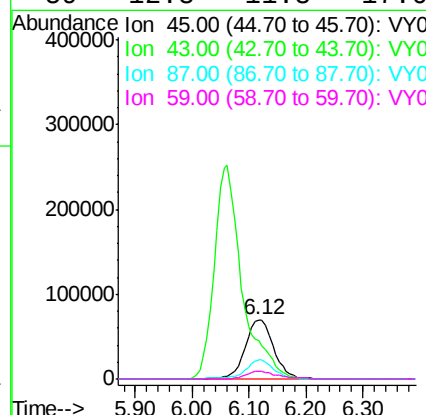
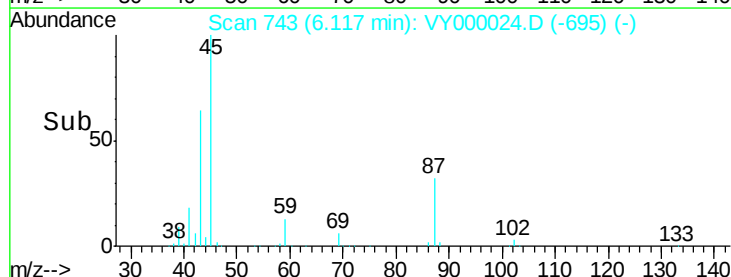
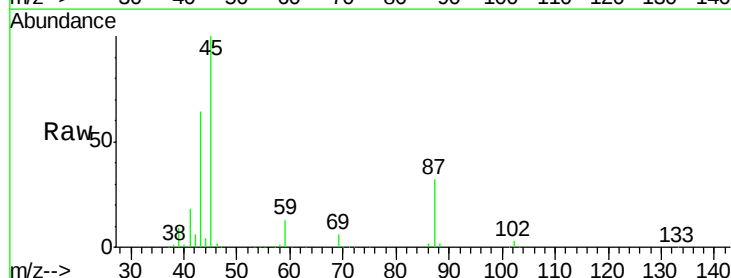
RT: 6.12 min Scan# 743

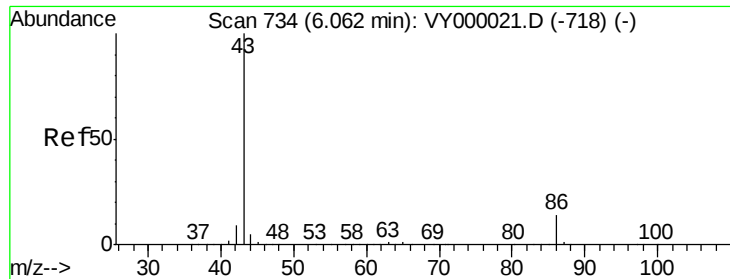
Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	45	Resp:	244487
Ion	Ratio	Lower	Upper
45	100		
43	63.7	47.0	70.4
87	32.0	23.1	34.7
59	12.8	11.8	17.6





#23

Vinyl Acetate

Concen: 266.383 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY091219

Tot Ion: 43 Resp: 854331

Ion Ratio Lower Upper

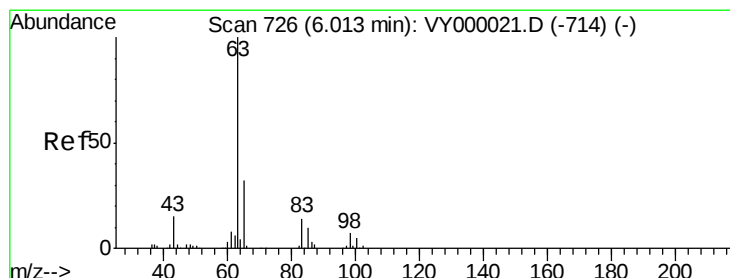
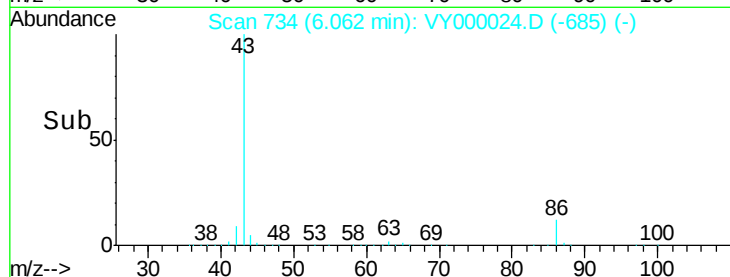
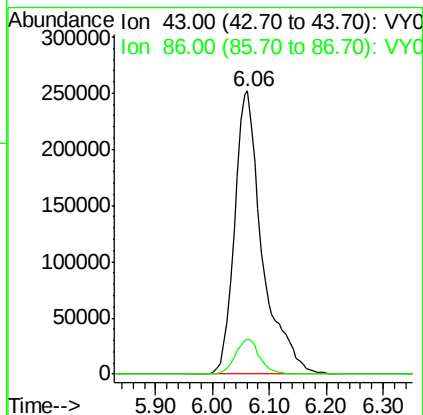
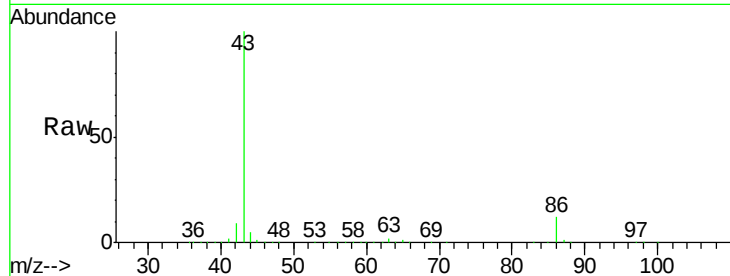
43 100

86 12.2 11.0 16.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 52.111 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

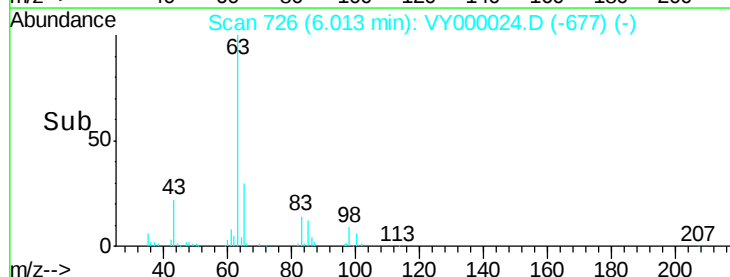
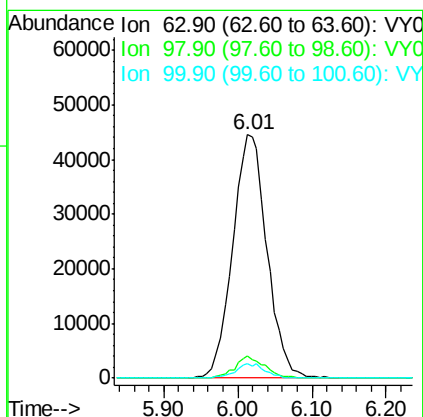
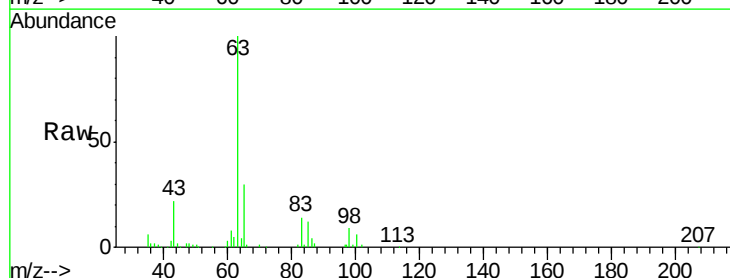
Tgt Ion: 63 Resp: 143163

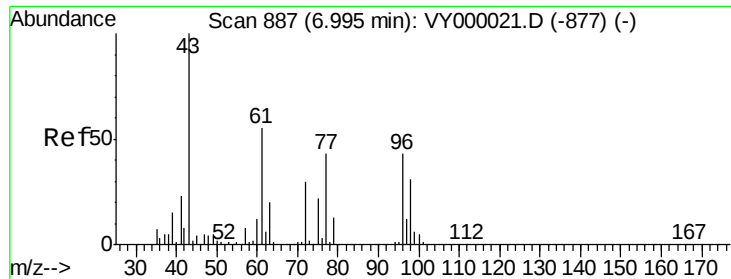
Ion Ratio Lower Upper

63 100

98 9.1 3.8 11.2

100 6.2 2.6 8.0





#25

2-Butanone

Concen: 268.054 ug/l

RT: 6.99 min Scan# 886

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tot Ion: 43 Resp: 191000

Ion Ratio Lower Upper

43 100

72 28.7 24.1 36.1

Instrument :

MSVOA_Y

ClientSampleId :

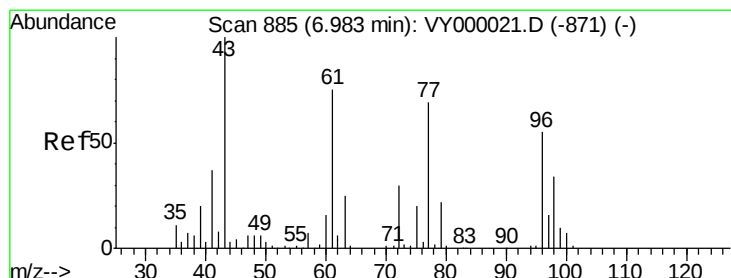
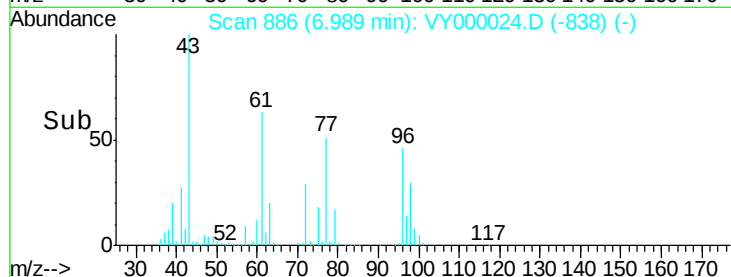
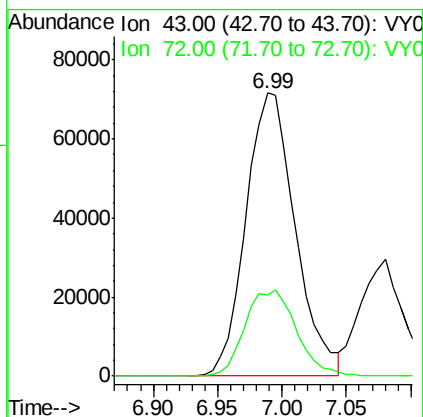
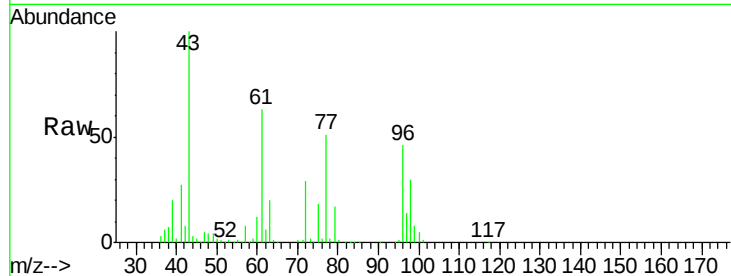
ICVY091219

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.230 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000024.D

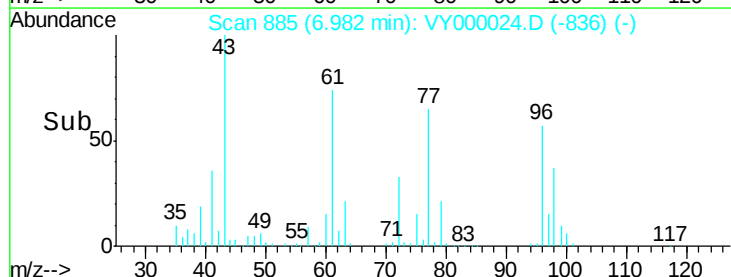
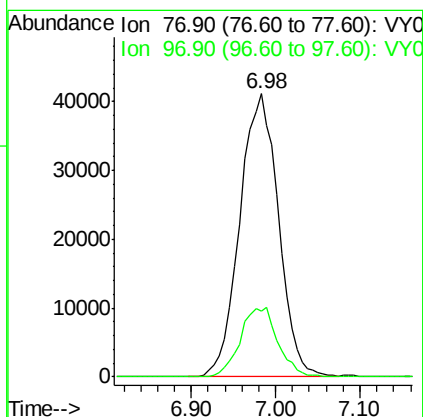
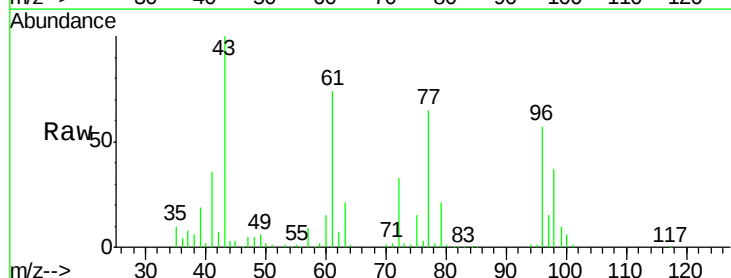
Acq: 12 Sep 2019 13:57

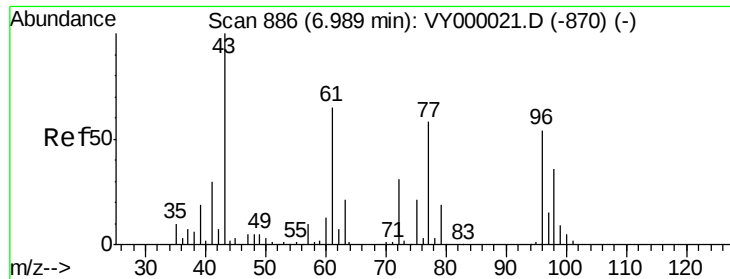
Tgt Ion: 77 Resp: 128195

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

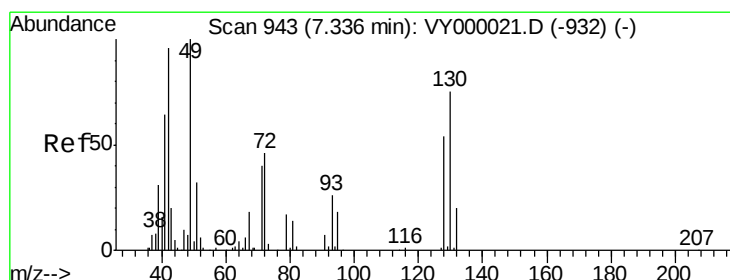
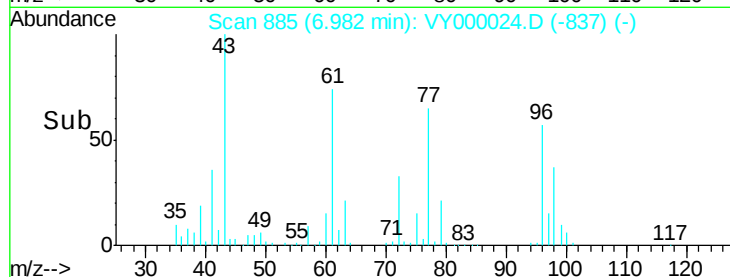
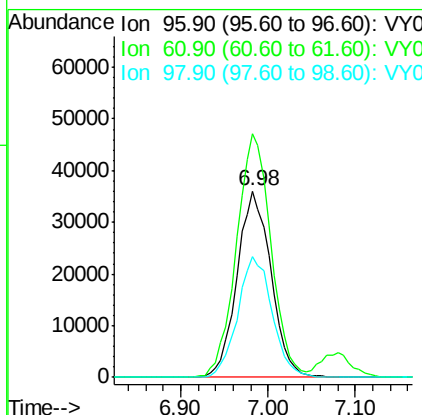
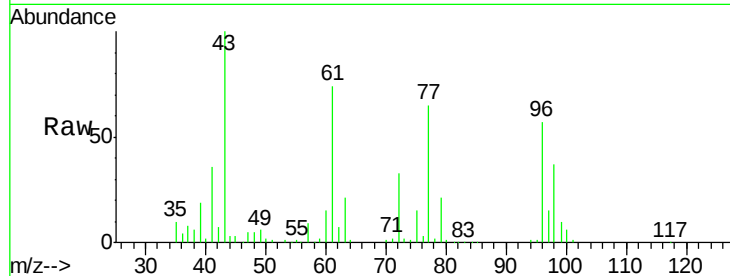
cis-1,2-Dichloroethene
Concen: 51.569 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	259.2
98	65.5	0.0	127.4

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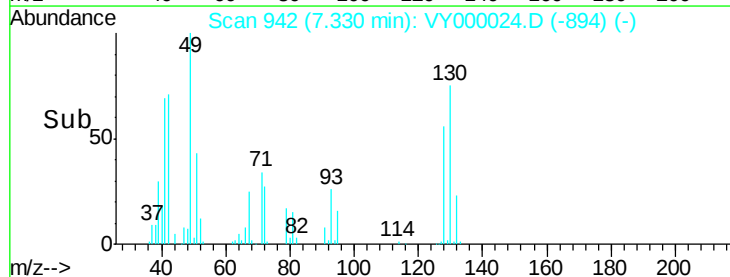
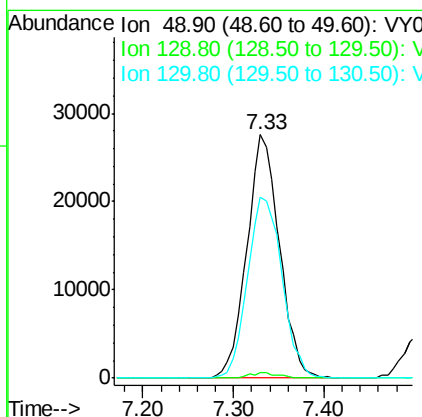
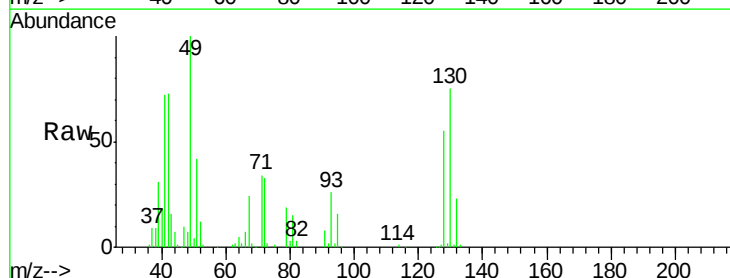
MMDadoda
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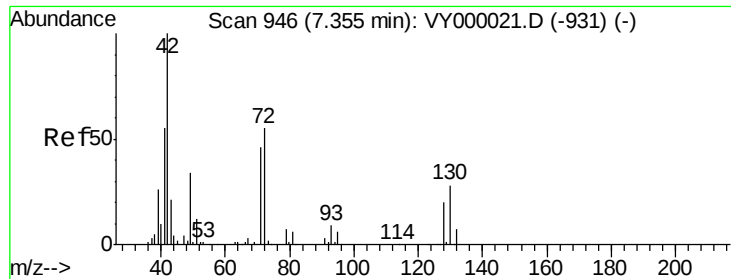


#28

Bromochloromethane
Concen: 54.333 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	1.8#
130	79.0	62.5	93.7





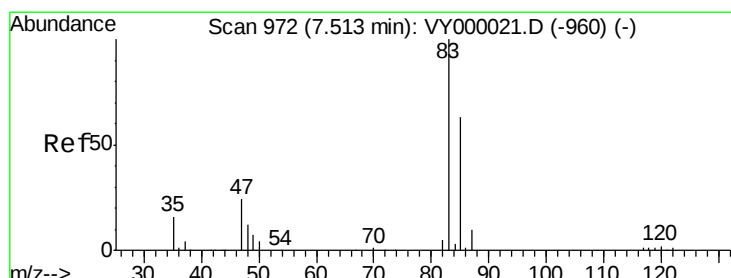
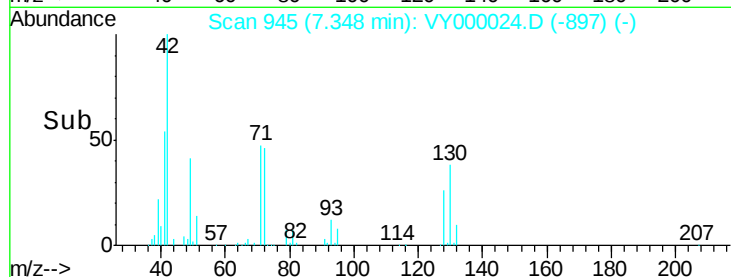
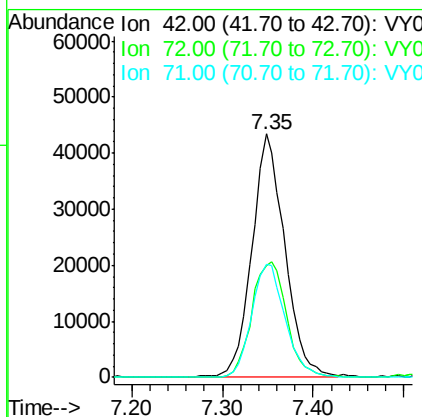
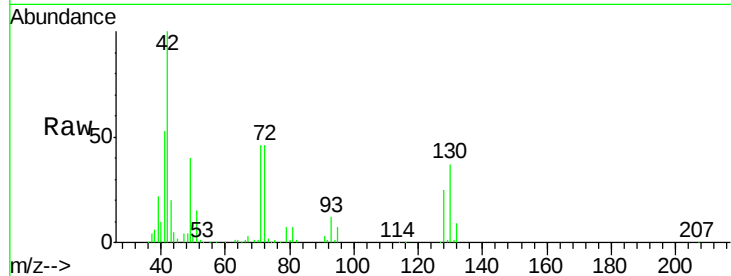
#29
Tetrahydrofuran
Concen: 256.945 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampled :
ICVY091219

Tot Ion:	42	Resp:	108911
Ion Ratio	Lower	Upper	
42	100		
72	50.5	41.1	61.7
71	47.6	36.5	54.7

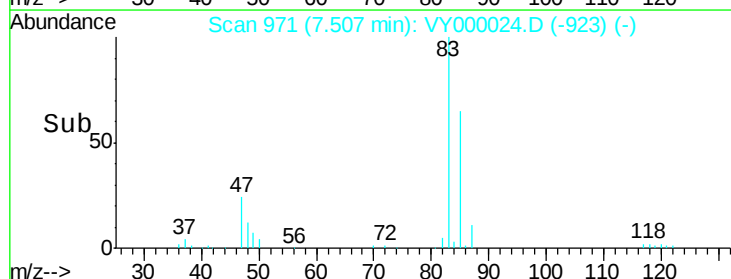
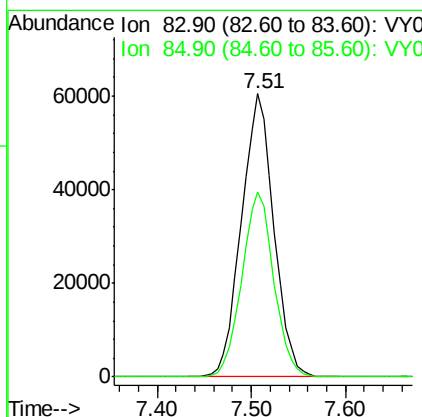
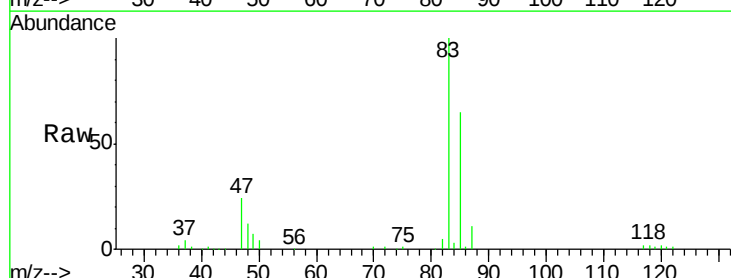
Manual Integrations
APPROVED

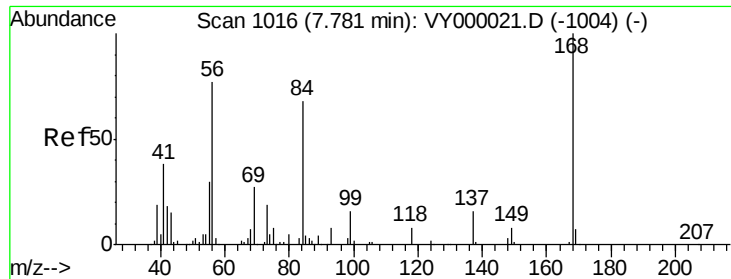
MMDadoda
9/13/2019 11:54:11 PM



#30
Chloroform
Concen: 51.357 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion:	83	Resp:	145499
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.6	76.0





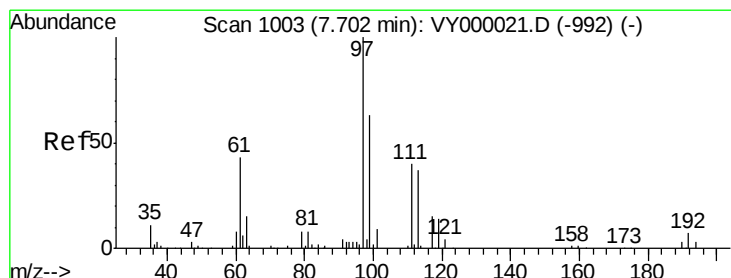
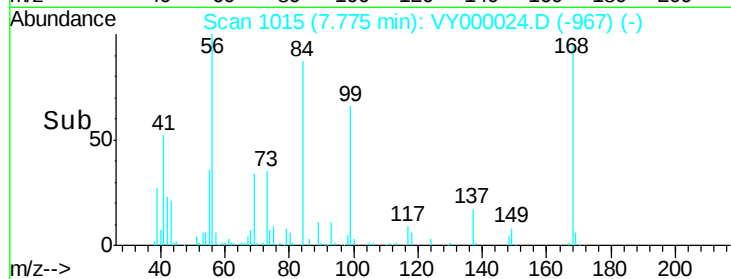
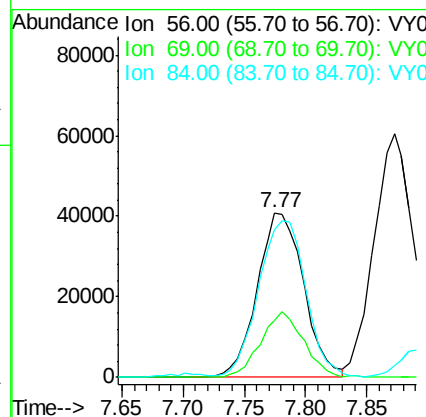
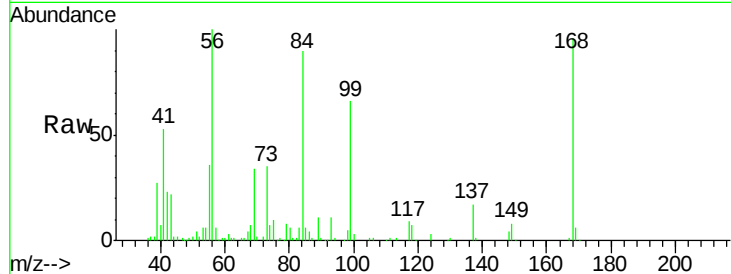
#31
Cyclohexane
Concen: 53.537 ug/l
RT: 7.77 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampled :
ICVY091219

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.0	42.0
84	87.9	70.4	105.6

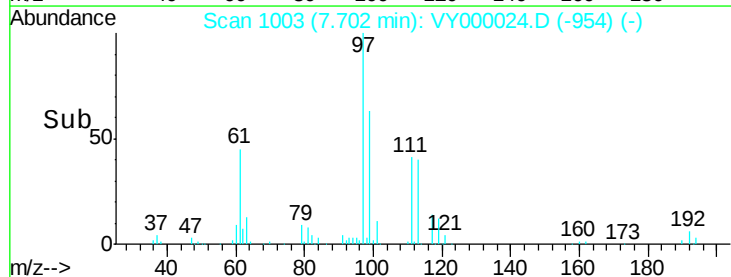
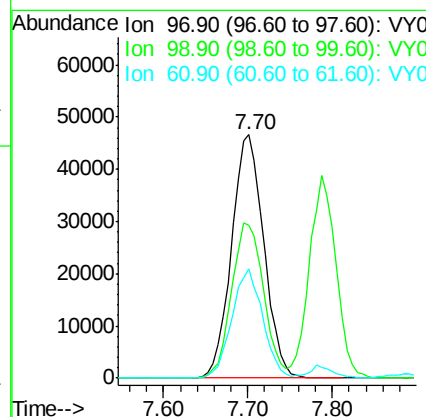
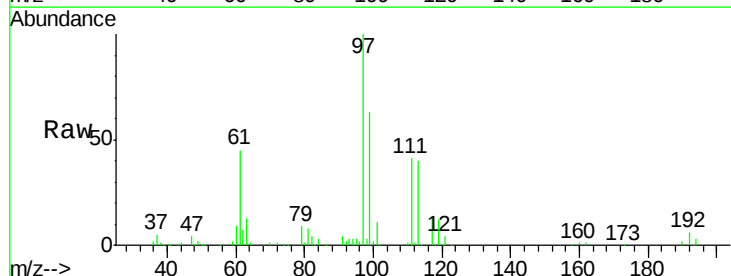
Manual Integrations
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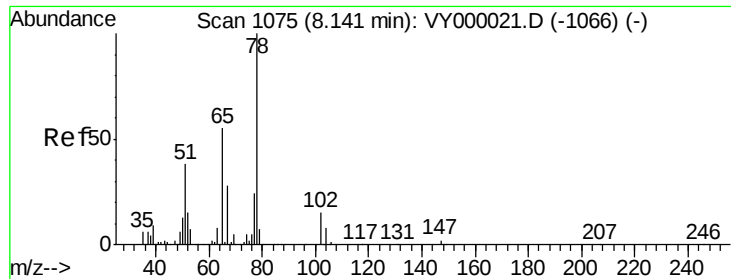
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#32
1,1,1-Trichloroethane
Concen: 51.945 ug/l
RT: 7.70 min Scan# 1003
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.6
61	42.9	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 48.672 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion: 65 Resp: 76952

Ion Ratio Lower Upper

65 100

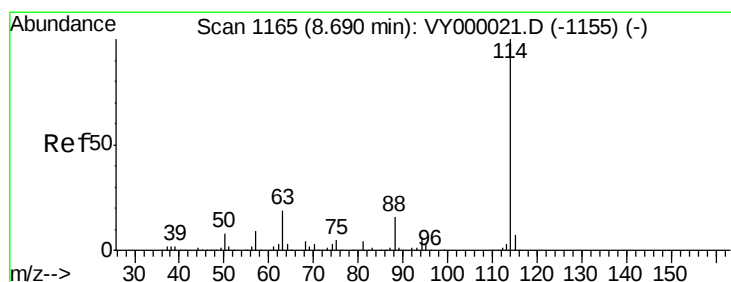
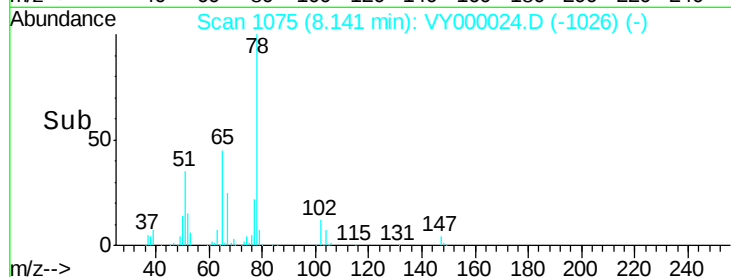
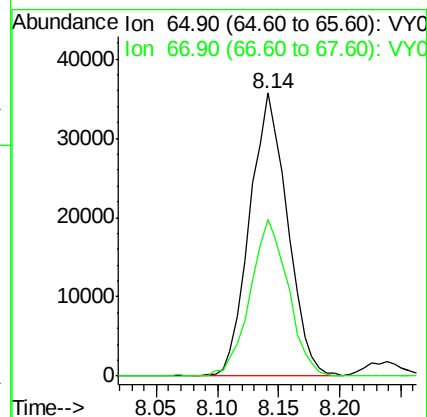
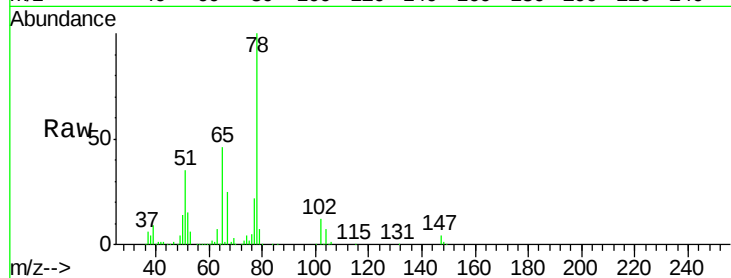
67 55.5 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

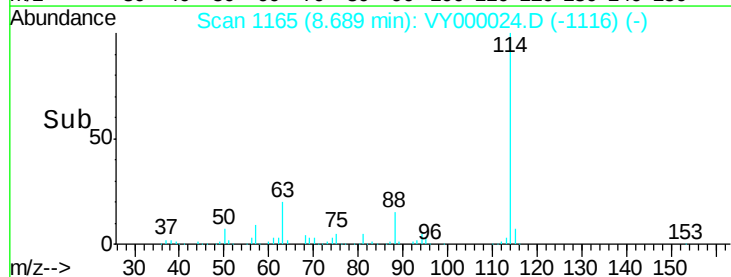
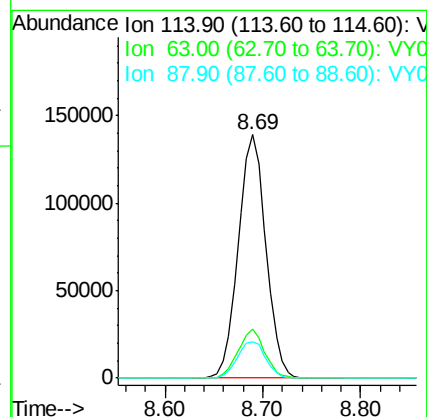
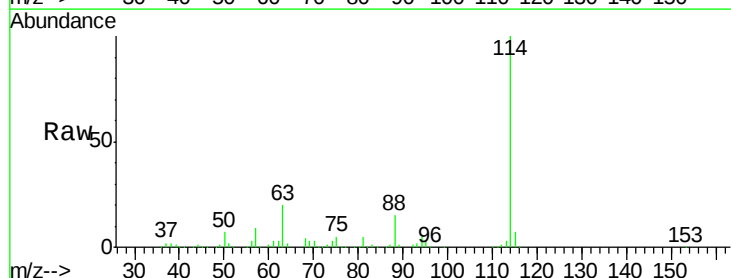
Tgt Ion: 114 Resp: 271690

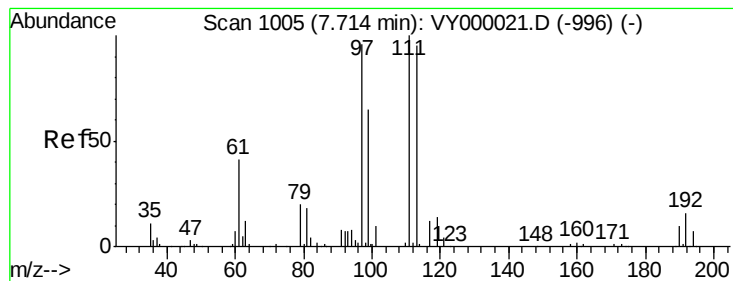
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.442 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion:113 Resp: 73947

Ion Ratio Lower Upper

113 100

111 101.6 83.9 125.9

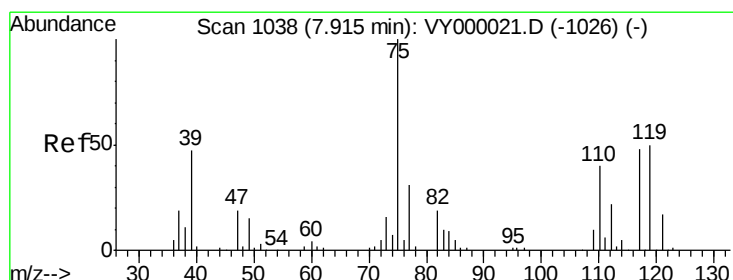
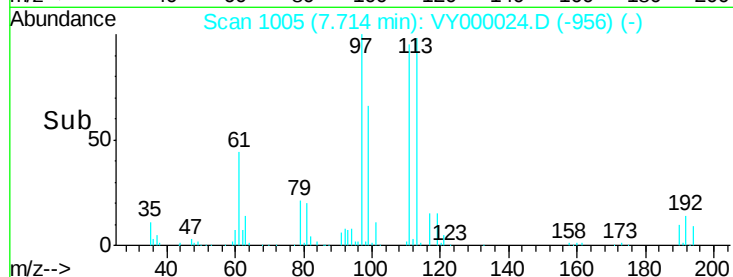
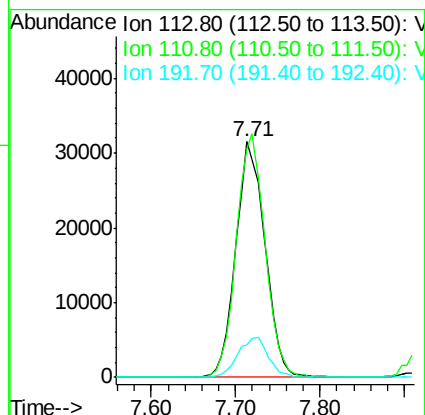
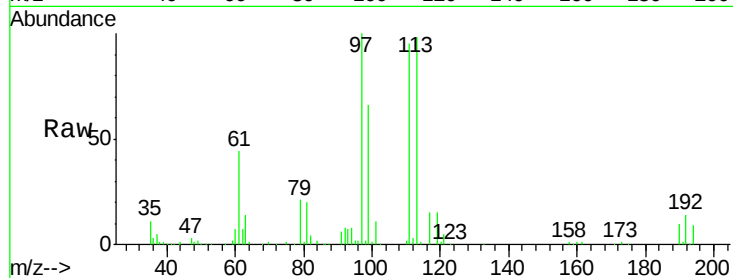
192 17.4 14.5 21.7

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 51.325 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

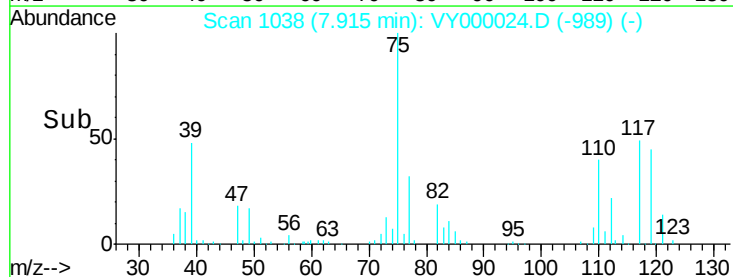
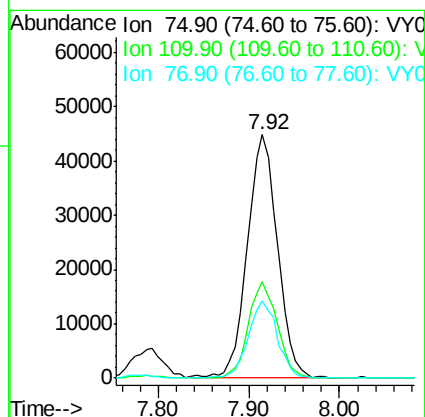
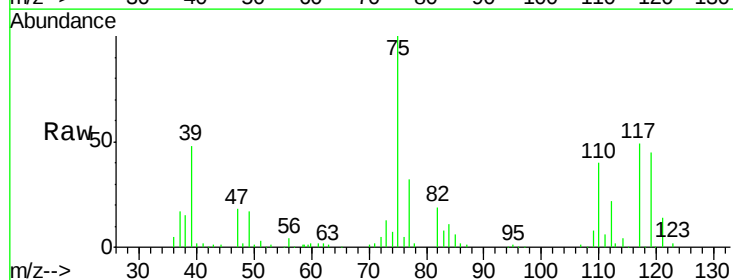
Tgt Ion: 75 Resp: 102382

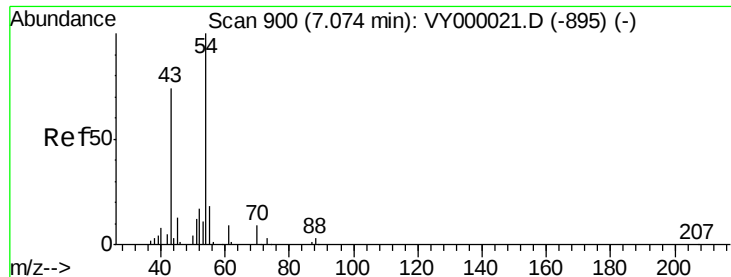
Ion Ratio Lower Upper

75 100

110 38.3 18.6 55.8

77 30.9 24.4 36.6





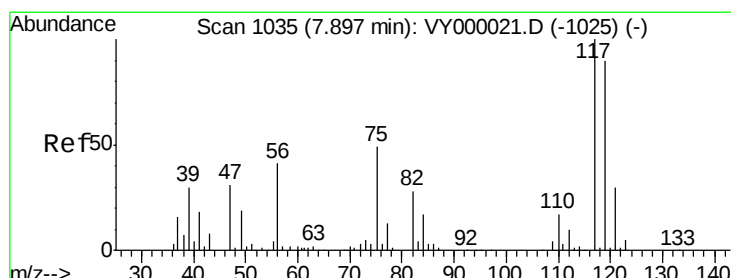
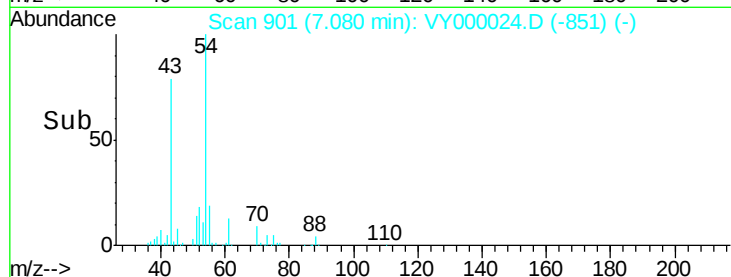
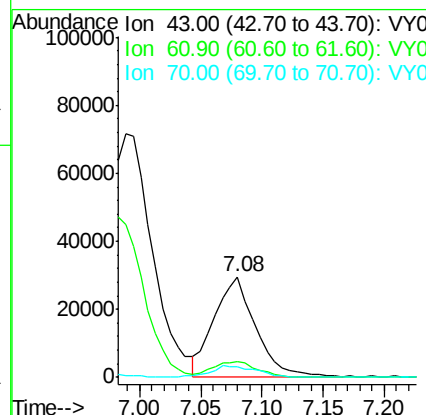
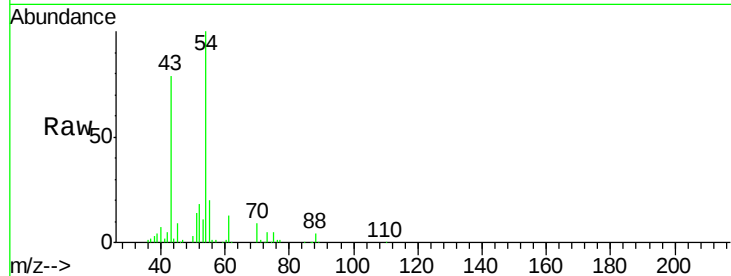
#37
Ethyl Acetate
Concen: 51.265 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.4	13.1	19.7
70	12.9	10.9	16.3

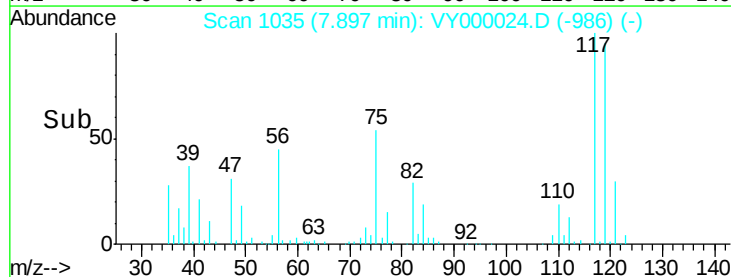
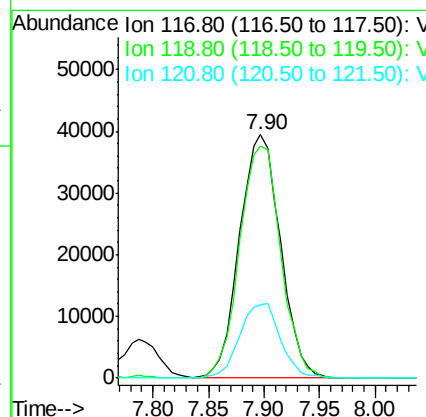
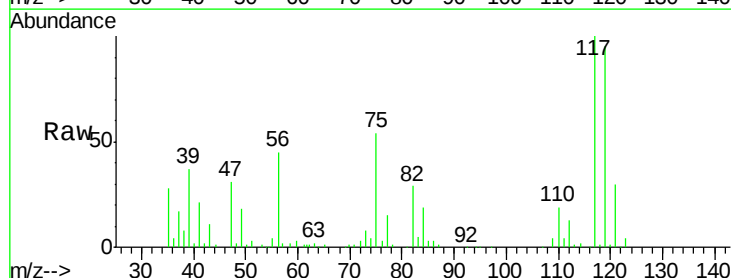
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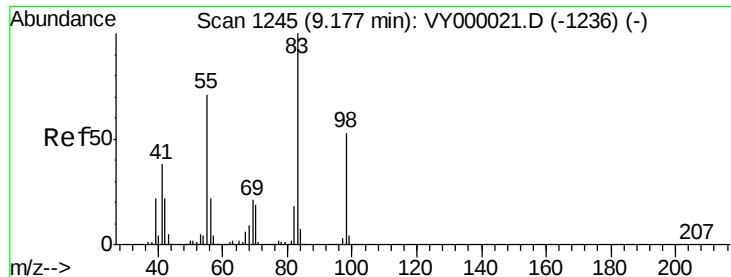
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#38
Carbon Tetrachloride
Concen: 53.549 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	72.1	108.1
121	30.4	23.9	35.9





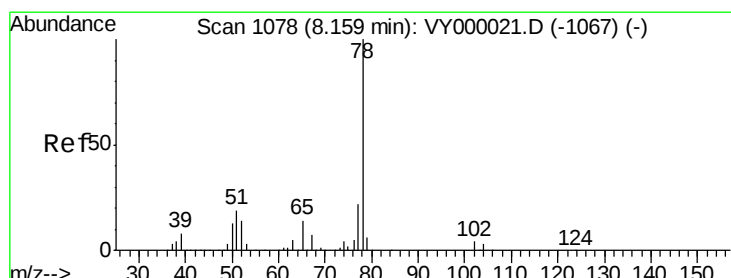
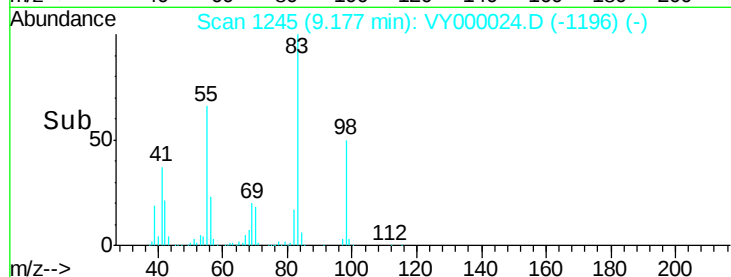
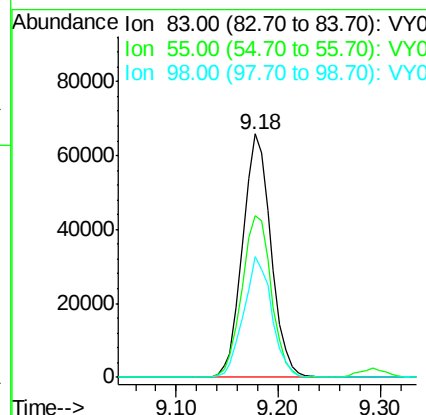
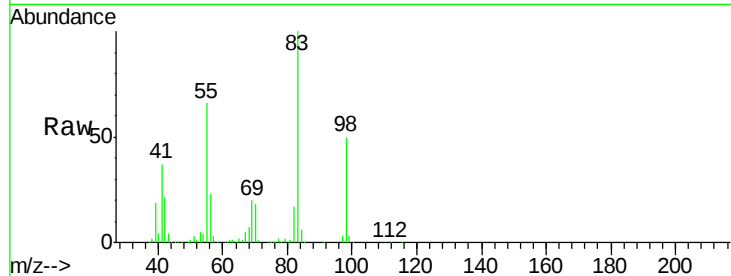
#39
Methvlcvclohexane
Concen: 51.502 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	66.3	57.0	85.4	
98	49.5	42.0	63.0	

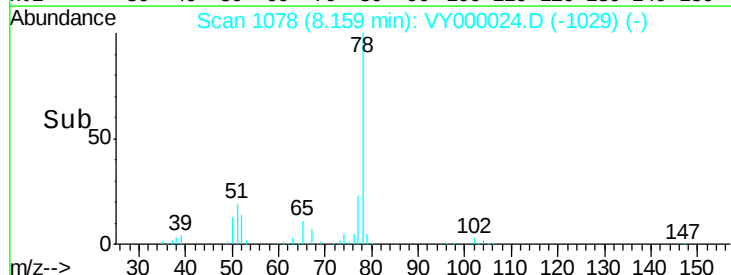
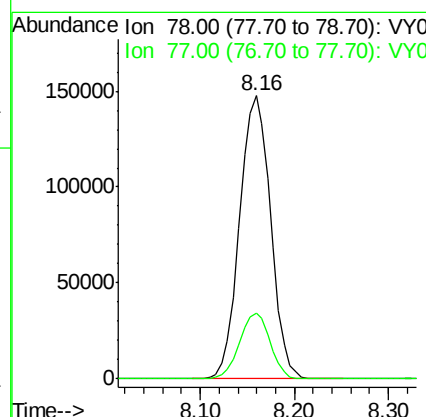
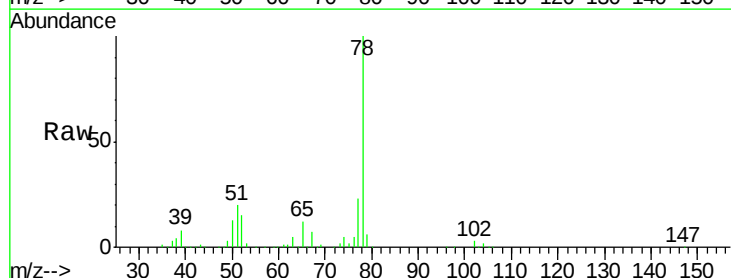
Manual Integrations
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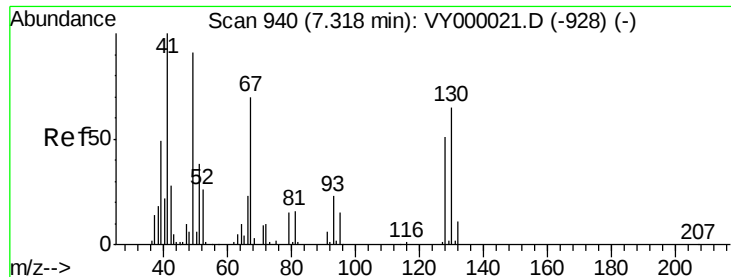
MMDadoda
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#40
Benzene
Concen: 52.161 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	17.8	26.6	





#41

Methacrylonitrile

Concen: 42.091 ug/l

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion: 41 Resp: 32941

Ion Ratio Lower Upper

41 100

39 51.0 41.8 62.6

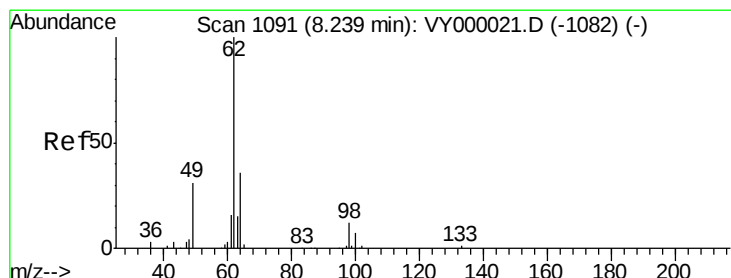
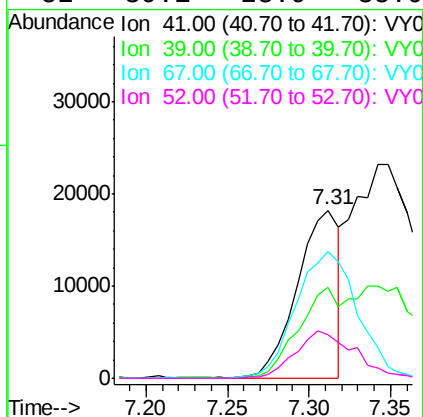
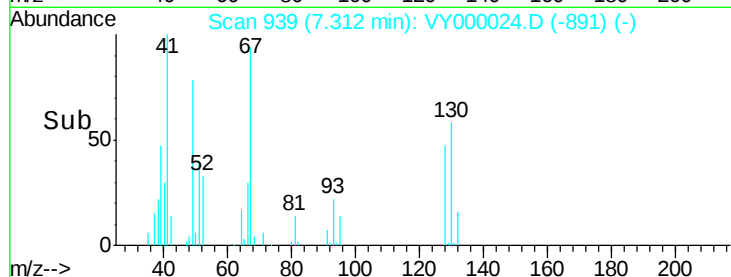
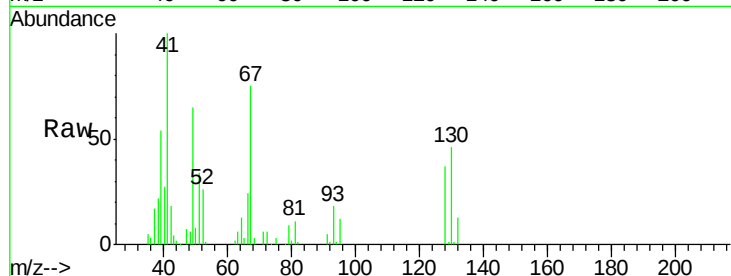
67 109.6 65.8 98.6#

52 39.1 23.9 35.9#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.240 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VY000024.D

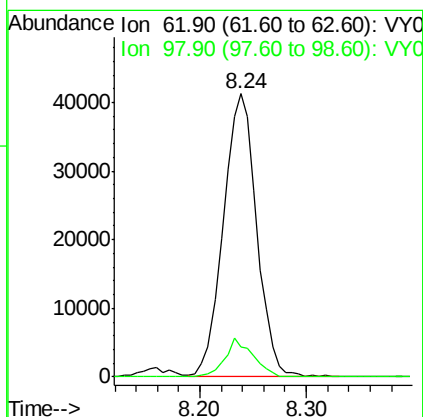
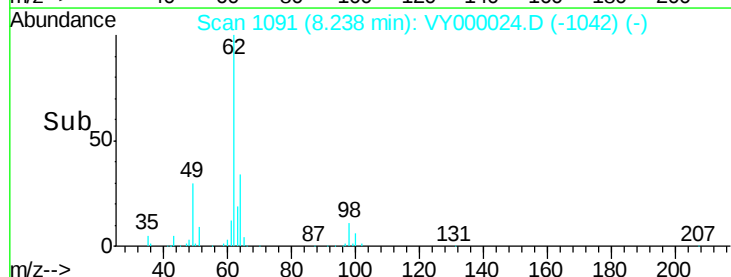
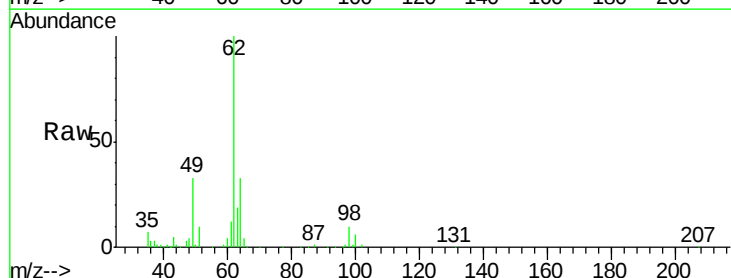
Acq: 12 Sep 2019 13:57

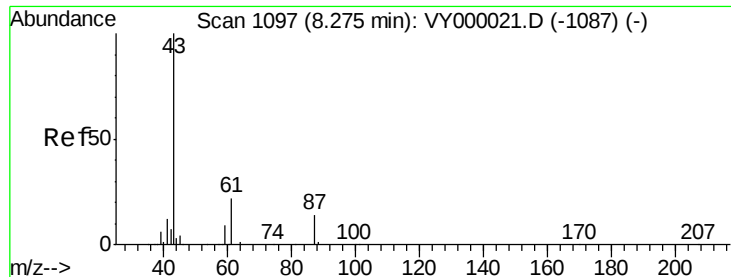
Tgt Ion: 62 Resp: 90022

Ion Ratio Lower Upper

62 100

98 11.4 0.0 23.2





#43

Isopropyl Acetate

Concen: 54.056 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

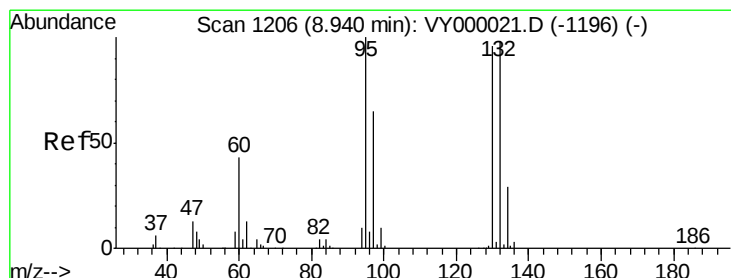
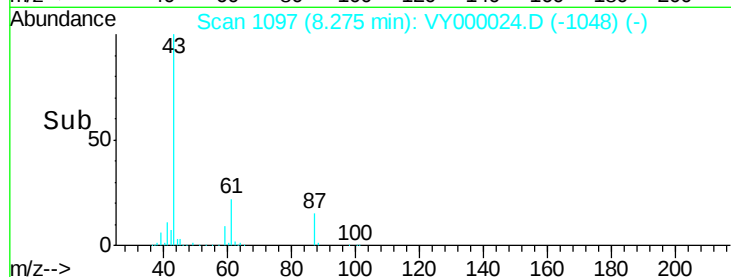
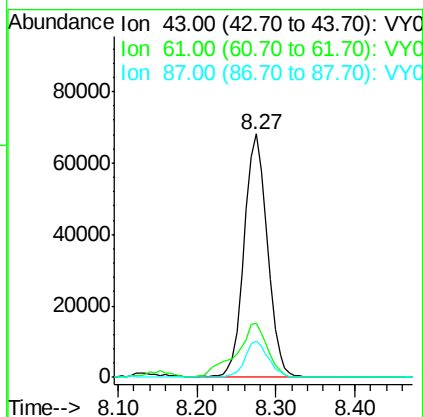
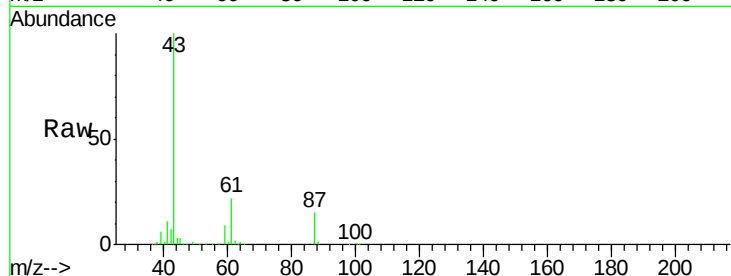
ClientSampleId :

ICVY091219

Tot Ion:	43	Resp:	140908
Ion	Ratio	Lower	Upper
43	100		
61	29.8	24.9	37.3
87	14.7	12.3	18.5

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#44

Trichloroethene

Concen: 52.582 ug/l

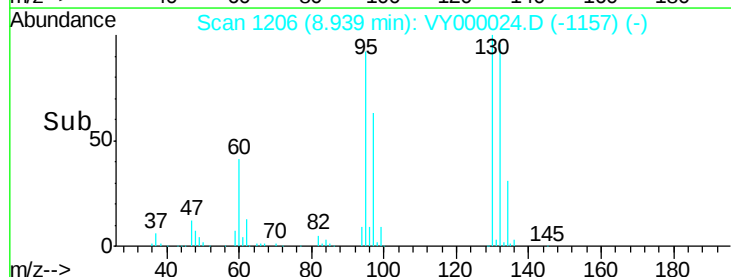
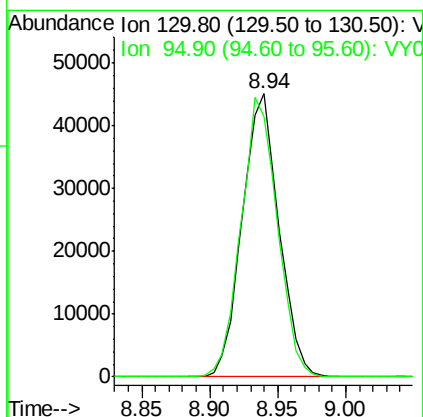
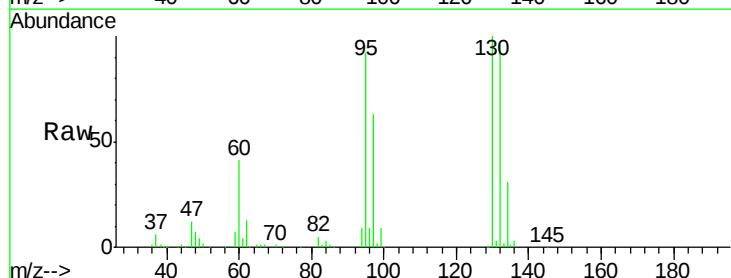
RT: 8.94 min Scan# 1206

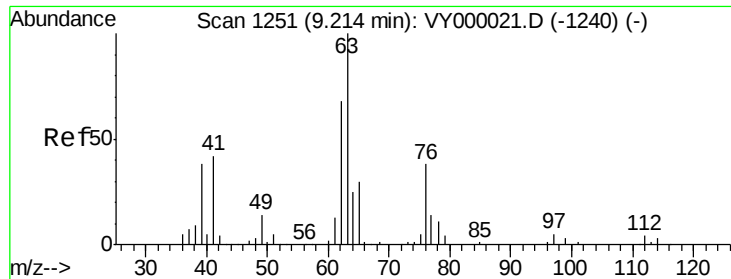
Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	130	Resp:	85266
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	207.4





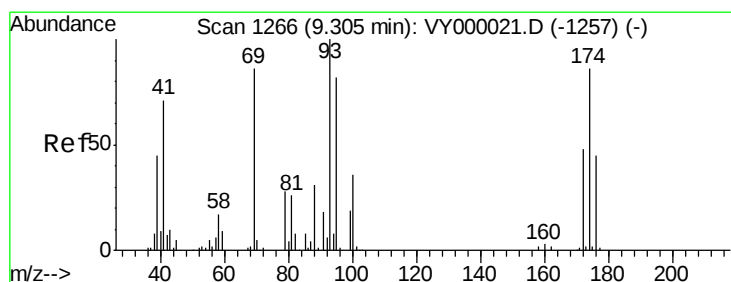
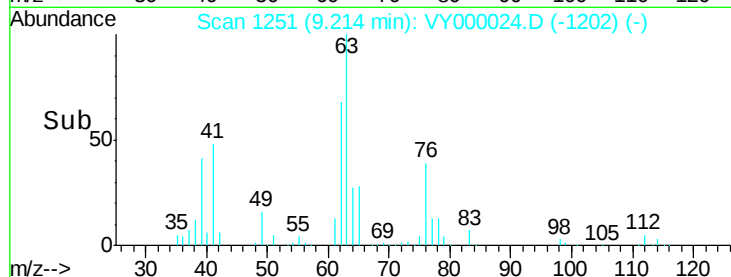
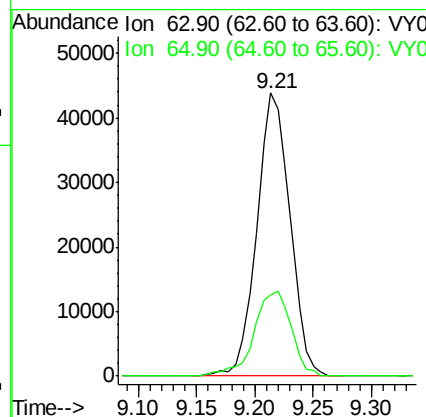
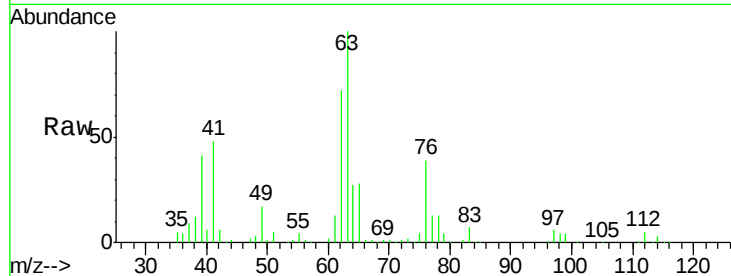
#45
 1,2-Dichloropropane
 Concen: 51.708 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091219

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.4	24.1	36.1

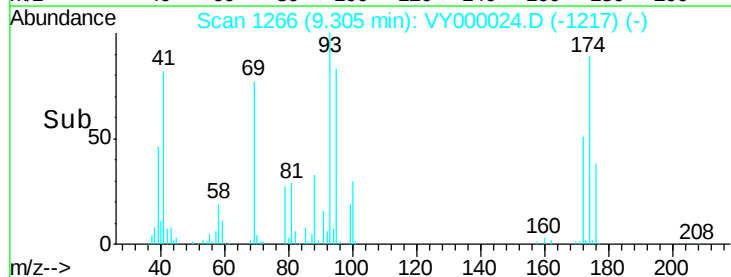
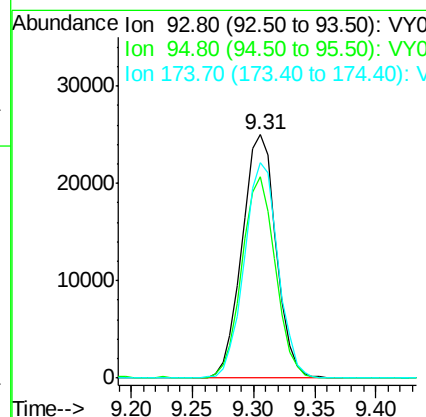
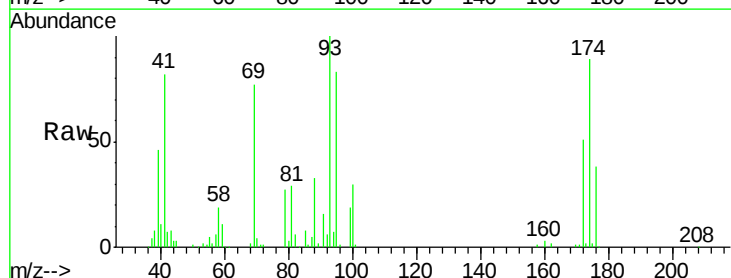
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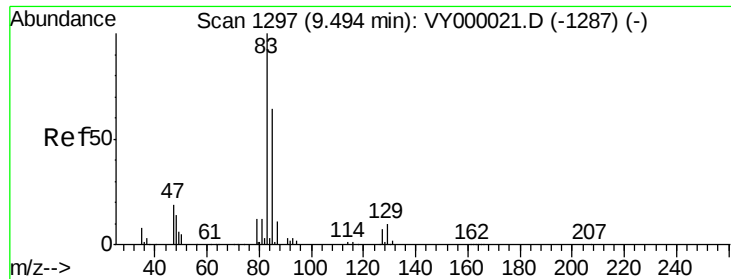
MMDadoda
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#46
 Dibromomethane
 Concen: 52.077 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	67.0	100.6
174	87.7	68.8	103.2





#47

Bromodichloromethane

Concen: 52.542 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

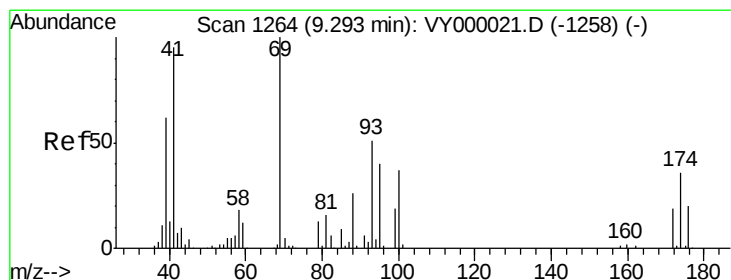
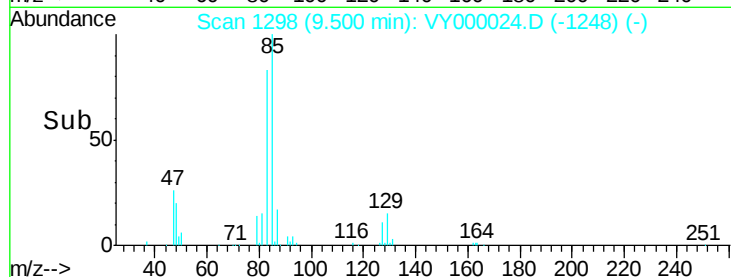
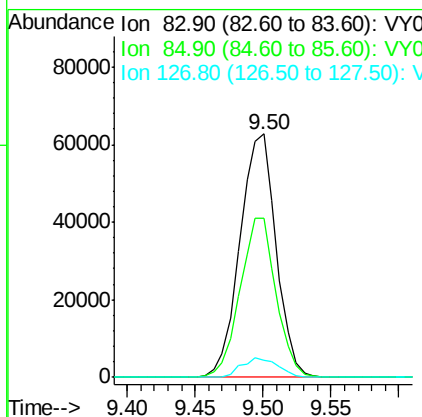
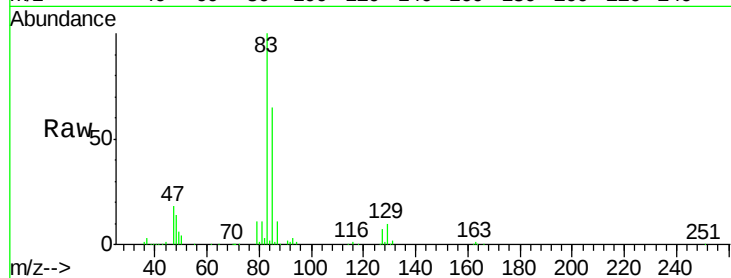
ClientSampleId :

ICVY091219

Tot Ion:	83	Resp:	116568
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2
127	7.0	5.4	8.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.917 ug/l

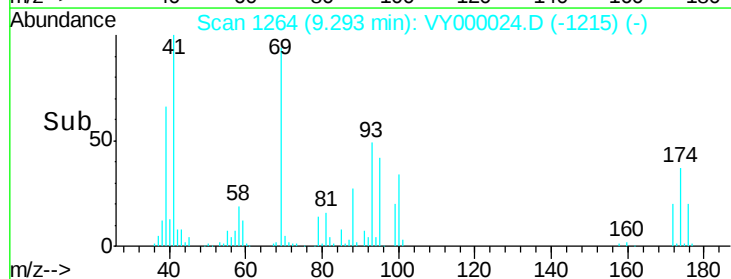
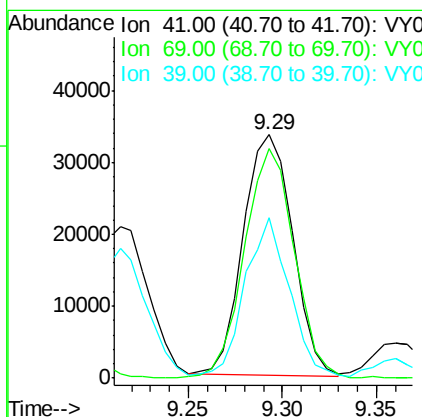
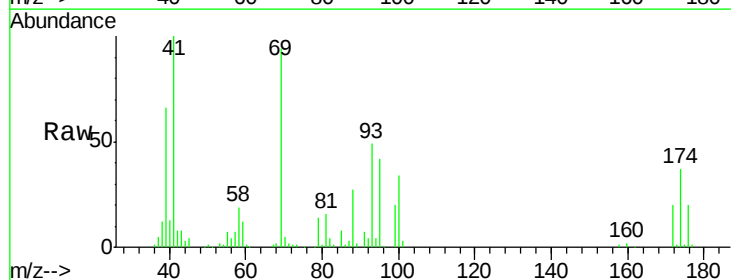
RT: 9.29 min Scan# 1264

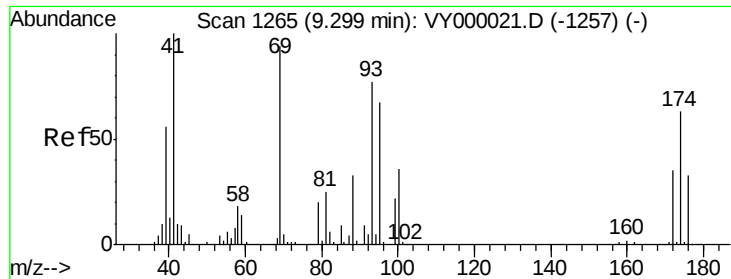
Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	41	Resp:	60868
Ion	Ratio	Lower	Upper
41	100		
69	96.2	79.7	119.5
39	60.8	48.6	72.8





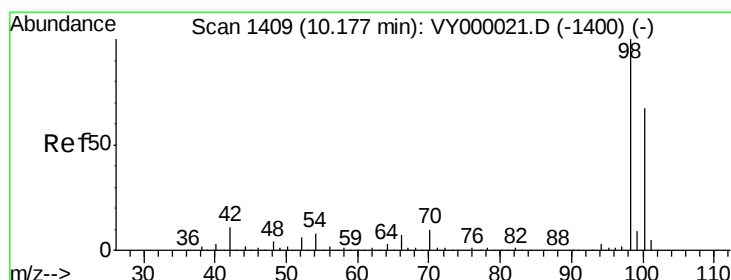
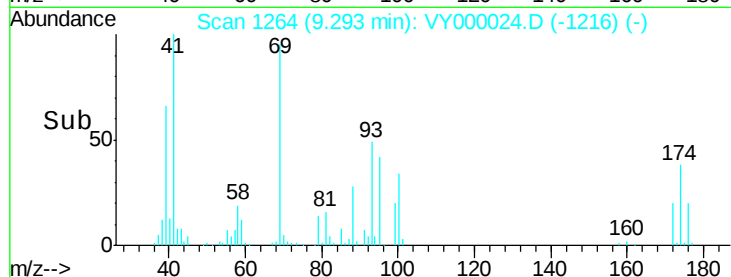
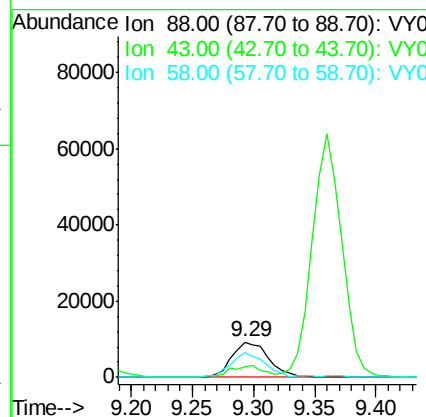
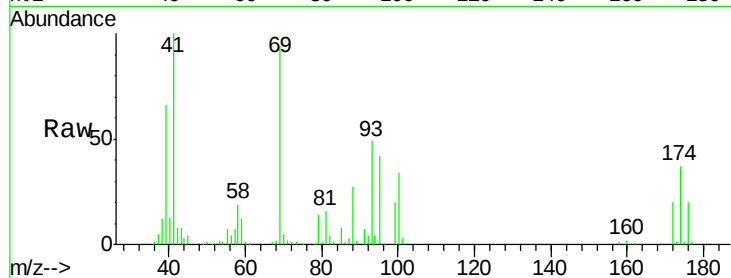
#49
1,4-Dioxane
Concen: 998.071 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY091219

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.6	37.0
58	67.5	52.7	79.1

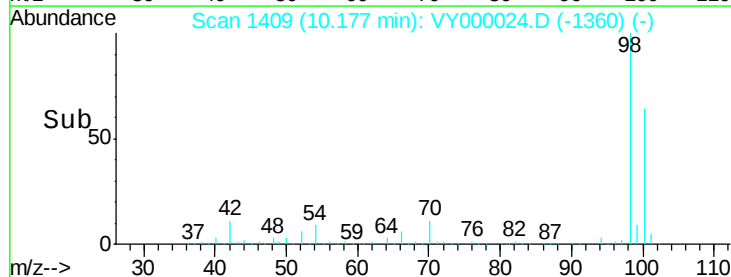
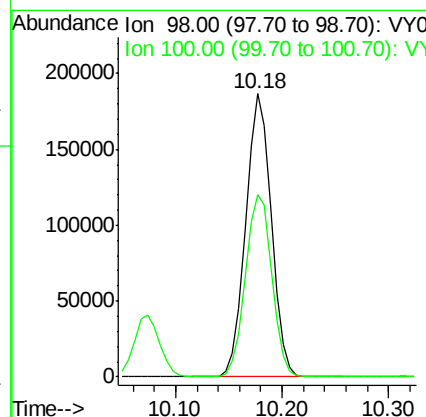
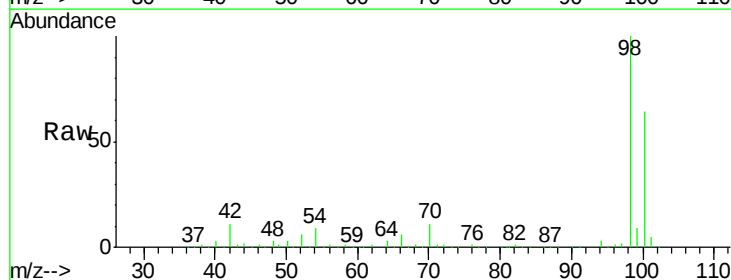
Manual Integrations
APPROVED

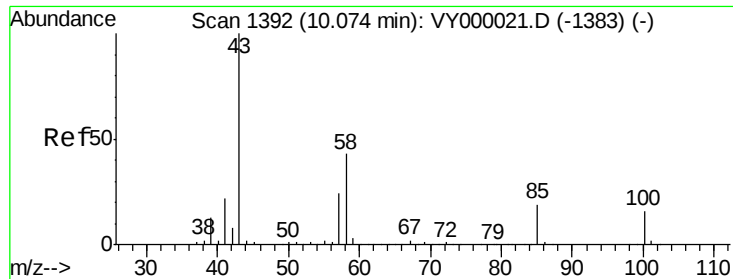
MMDadoda
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#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 260.063 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion: 43 Resp: 379854

Ion Ratio Lower Upper

43 100

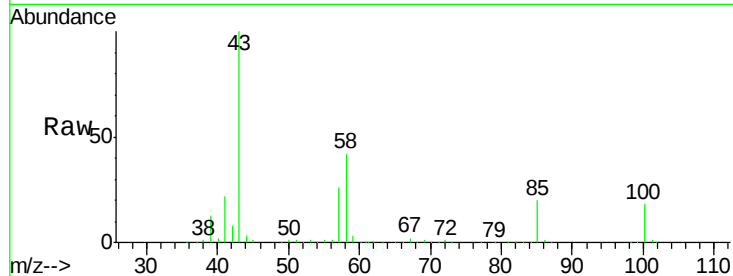
58 42.2 34.1 51.1

Manual Integrations

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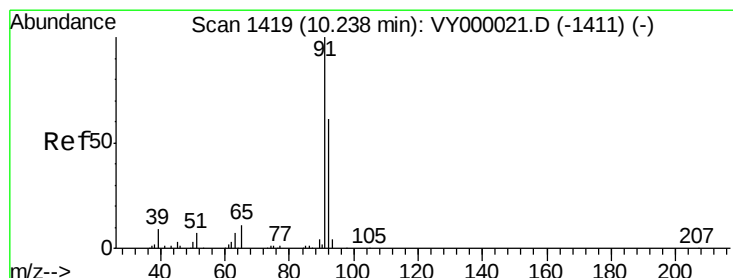
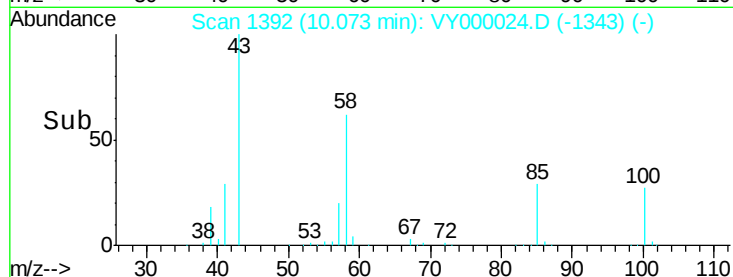
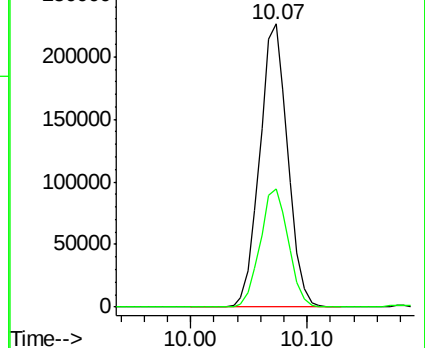
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.437 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VY000024.D

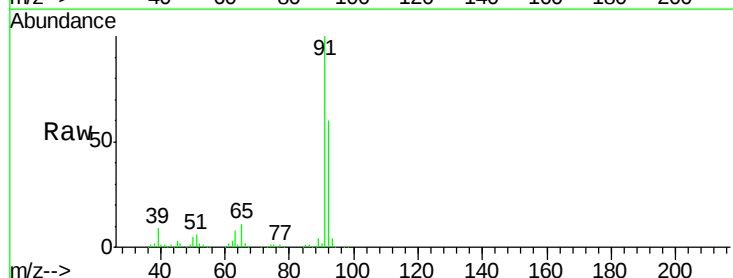
Acq: 12 Sep 2019 13:57

Tgt Ion: 92 Resp: 213991

Ion Ratio Lower Upper

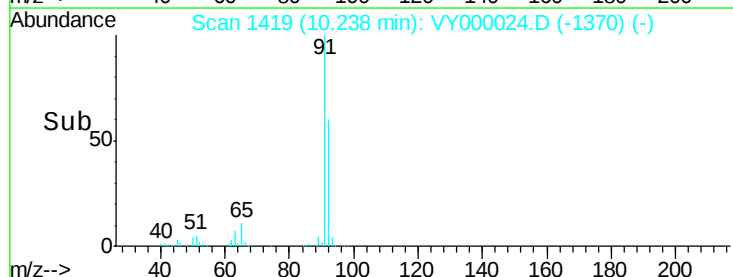
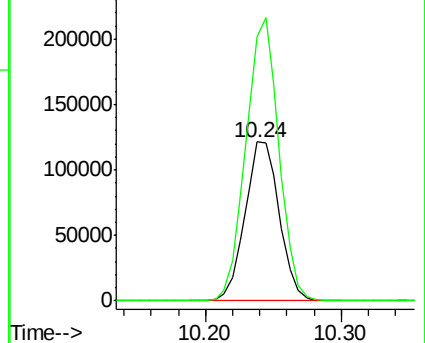
92 100

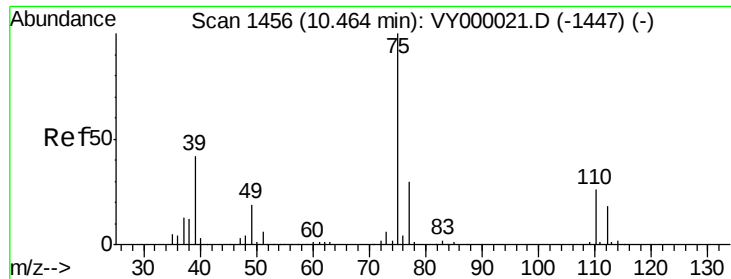
91 171.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





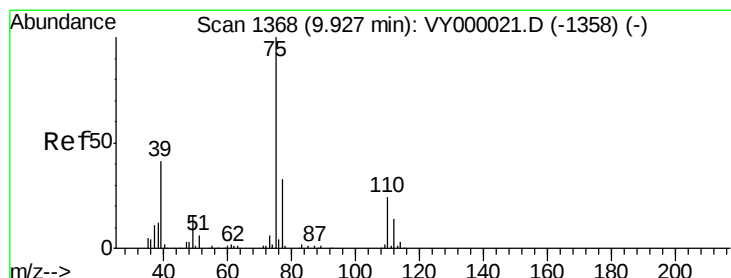
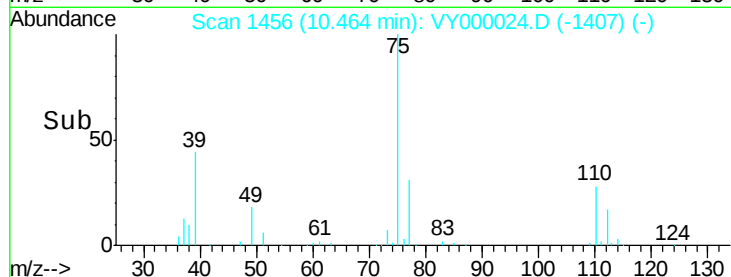
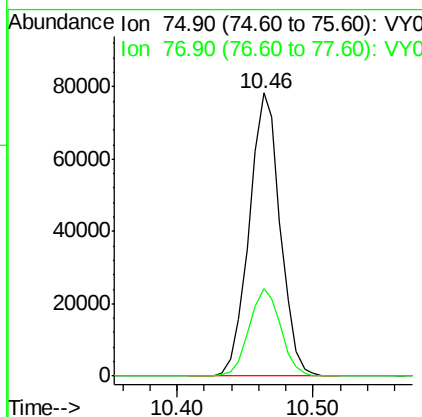
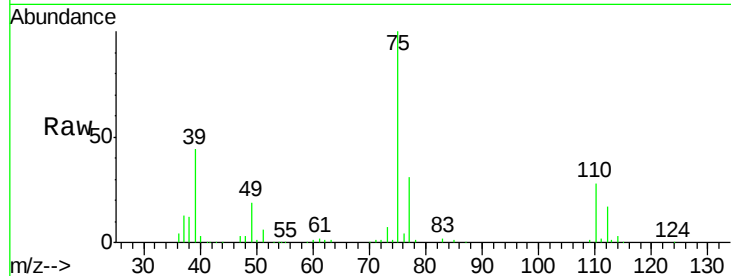
#53
t-1,3-Dichloropropene
Concen: 53.630 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.8	35.8

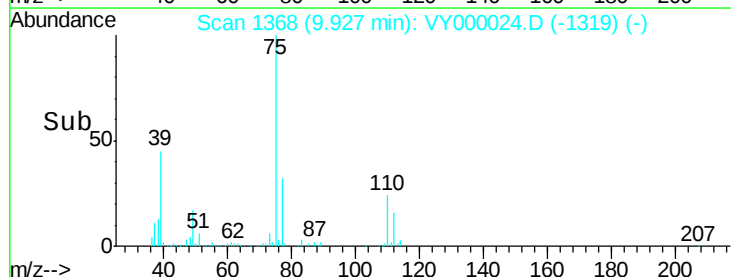
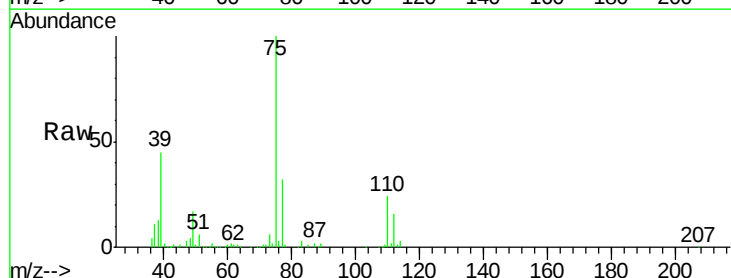
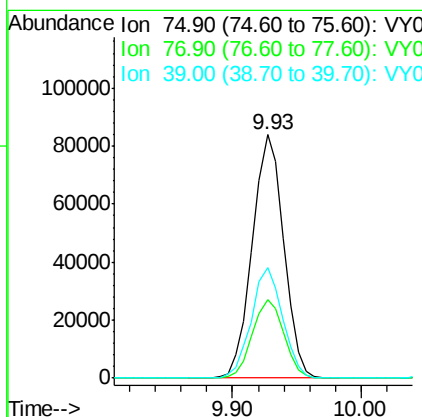
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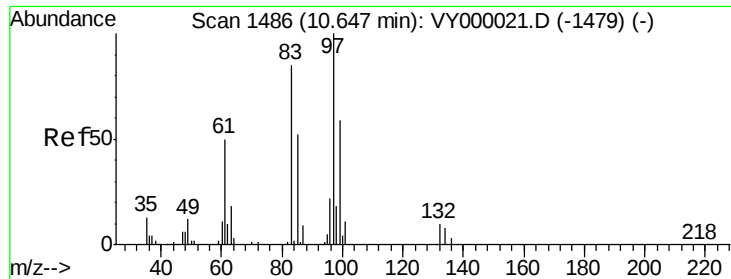
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#54
cis-1,3-Dichloropropene
Concen: 51.900 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.3	39.5
39	45.1	32.9	49.3





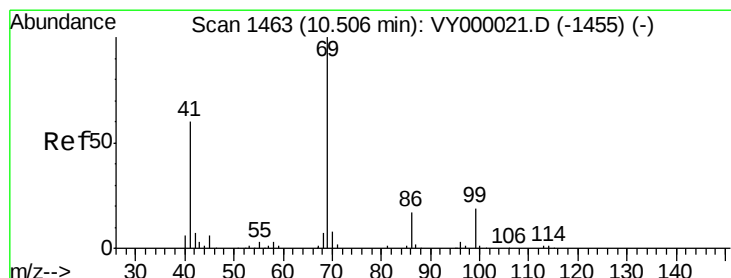
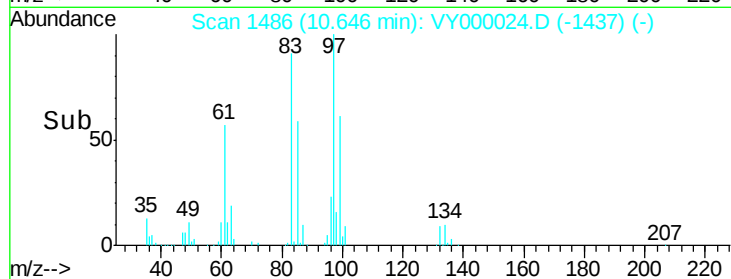
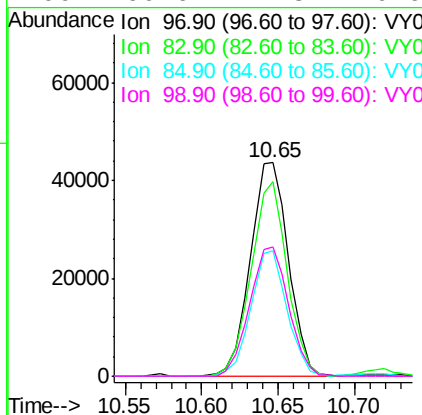
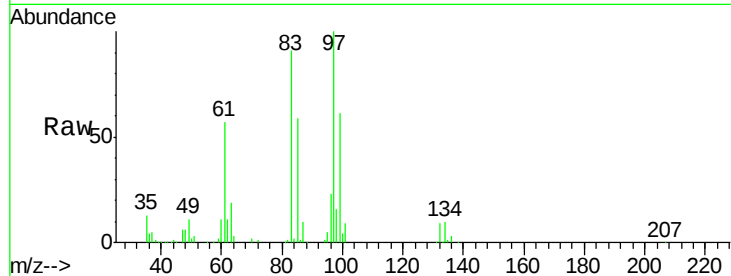
#55
 1,1,2-Trichloroethane
 Concen: 51.476 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091219

Tot Ion:	97	Resp:	75814
Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.2	102.2
85	58.7	41.7	62.5
99	60.6	47.3	70.9

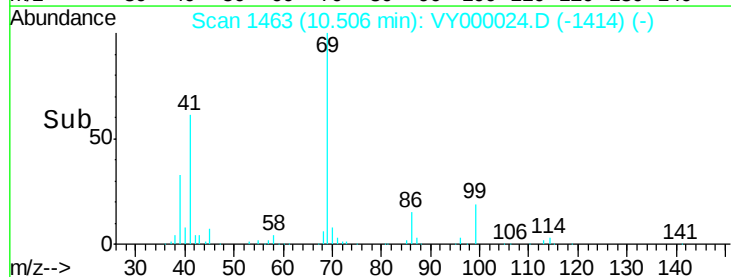
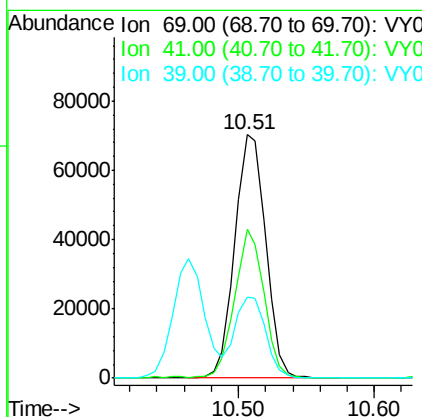
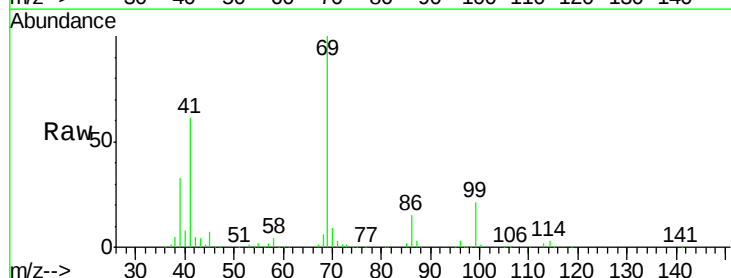
Manual Integrations
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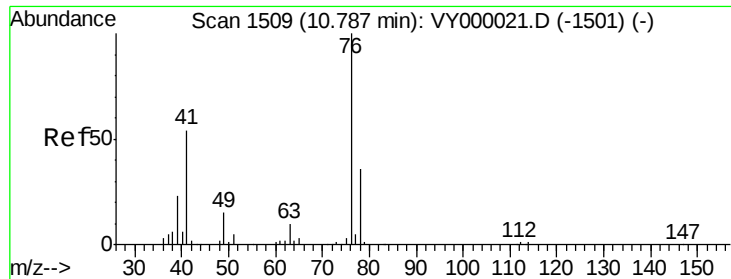
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#56
 Ethyl methacrylate
 Concen: 53.905 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion:	69	Resp:	111420
Ion	Ratio	Lower	Upper
69	100		
41	57.6	47.0	70.4
39	33.0	26.4	39.6





#57

1,3-Dichloropropane

Concen: 51.846 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion: 76 Resp: 122116

Ion Ratio Lower Upper

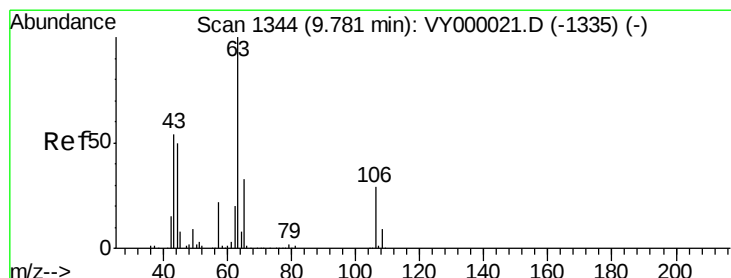
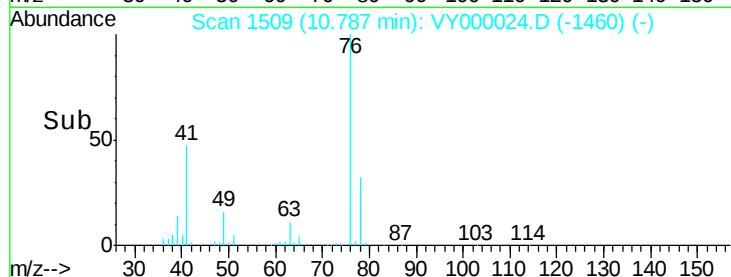
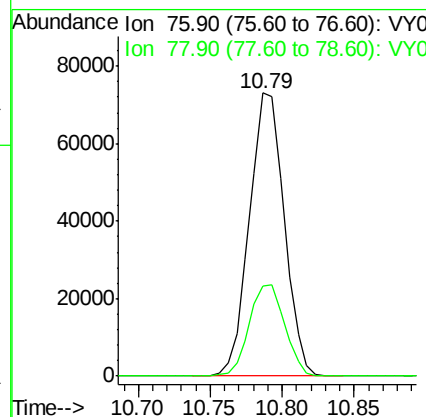
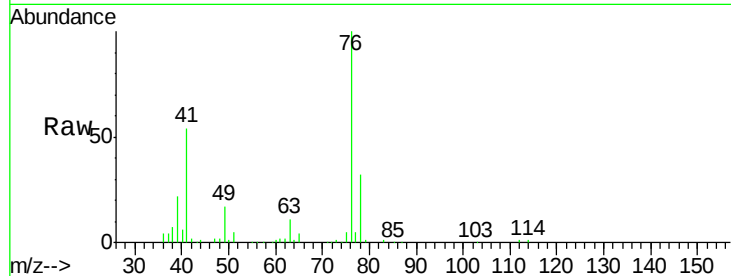
76 100

78 33.0 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 249.161 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000024.D

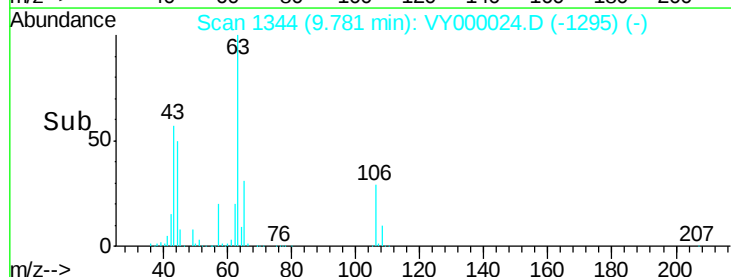
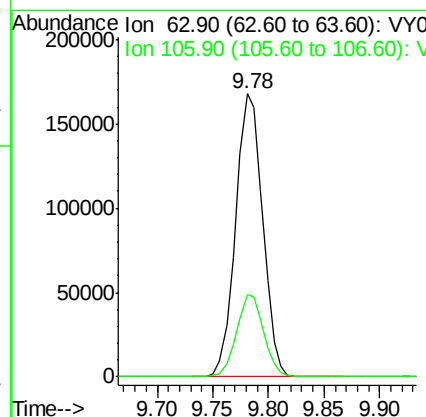
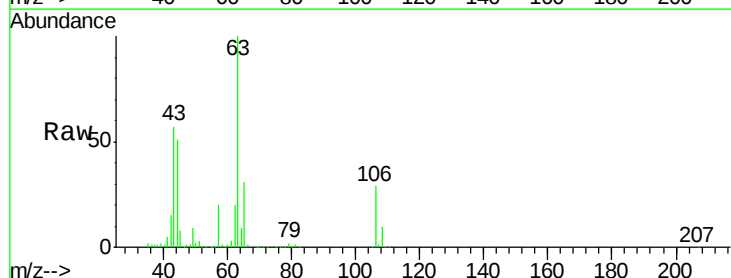
Acq: 12 Sep 2019 13:57

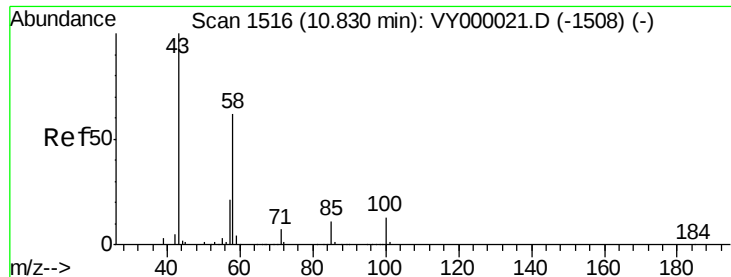
Tgt Ion: 63 Resp: 282105

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5





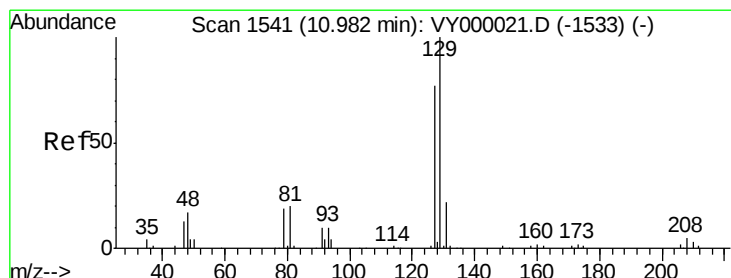
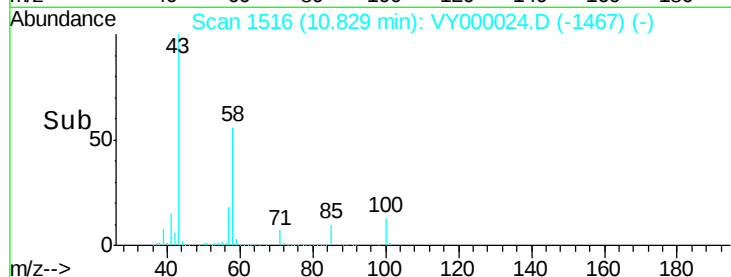
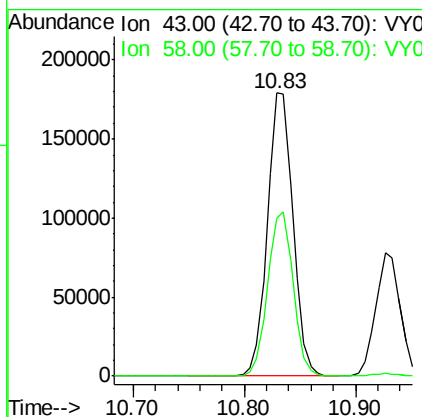
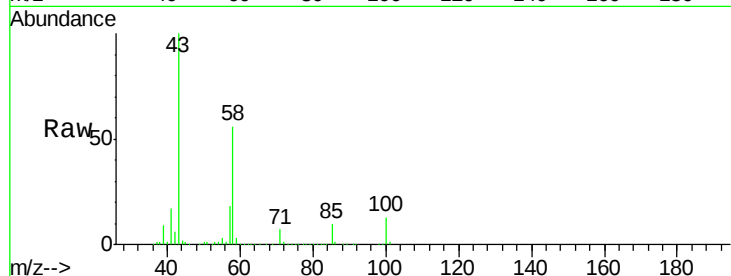
#59
2-Hexanone
Concen: 273.352 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	43	Resp	287722
Ion Ratio	100	Lower	Upper
43	100		
58	57.8	30.3	90.8

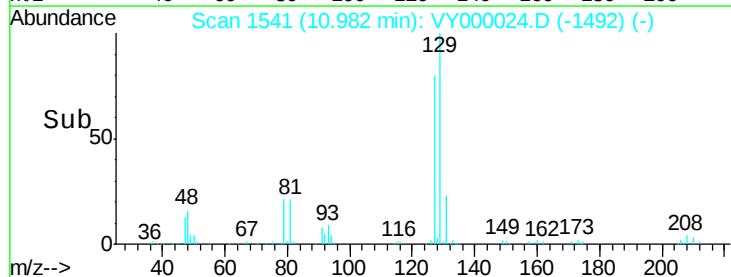
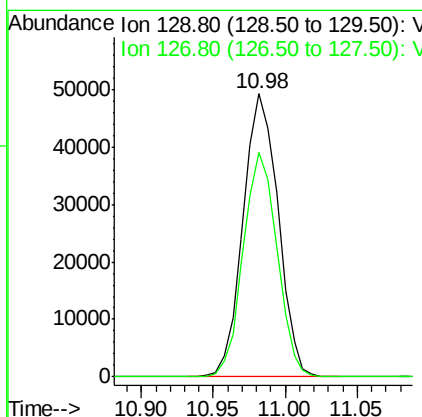
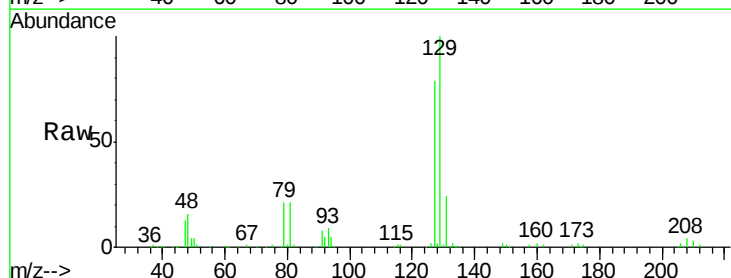
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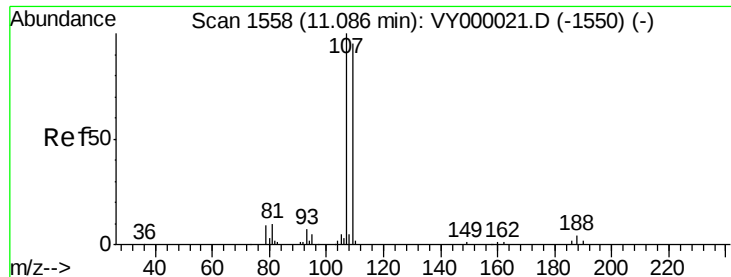
MMDadoda
9/13/2019 11:54:11 PM



#60
Dibromochloromethane
Concen: 53.491 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	129	Resp	83011
Ion Ratio	100	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 54.222 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion:107 Resp: 70534

Ion Ratio Lower Upper

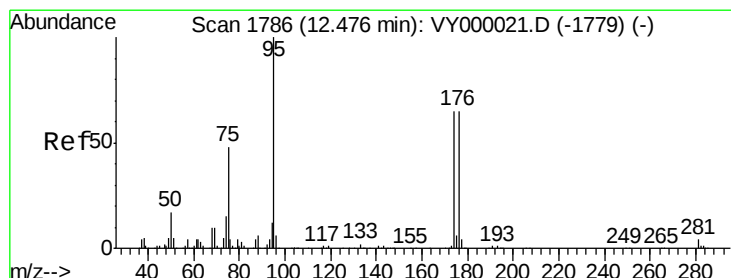
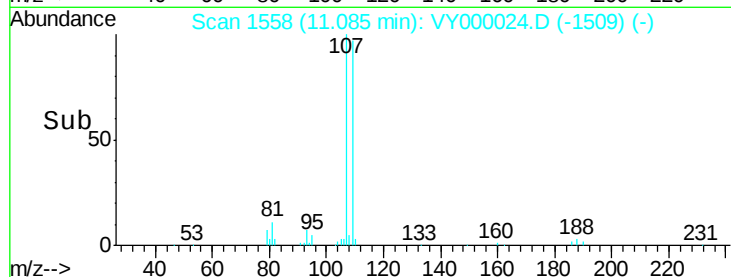
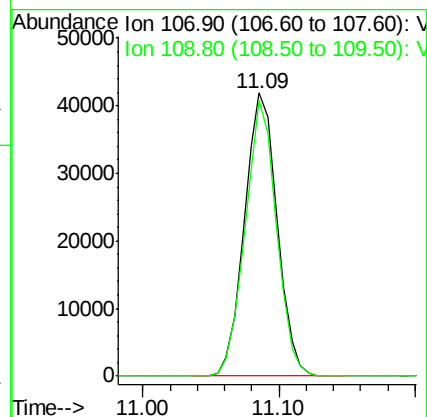
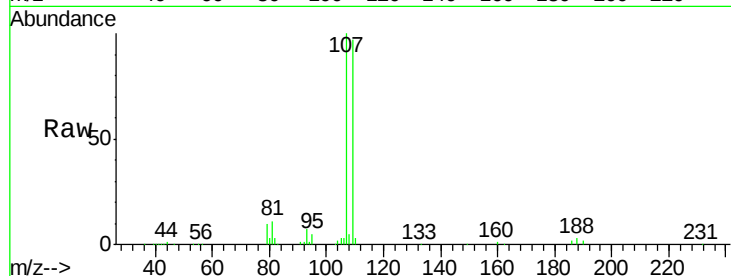
107 100

109 93.2 76.7 115.1

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.678 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

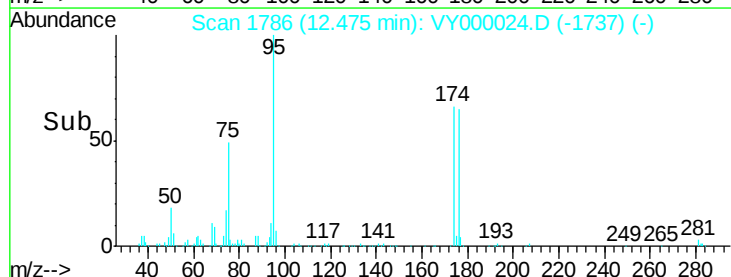
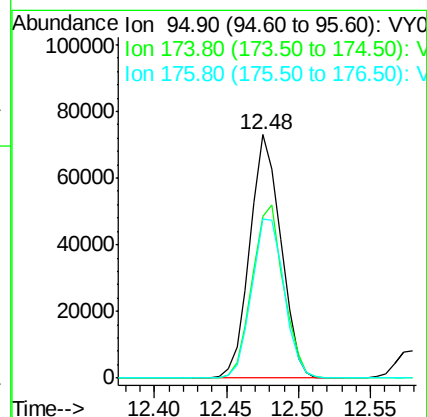
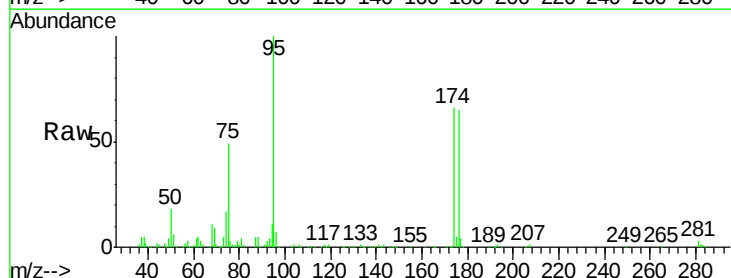
Tgt Ion: 95 Resp: 108751

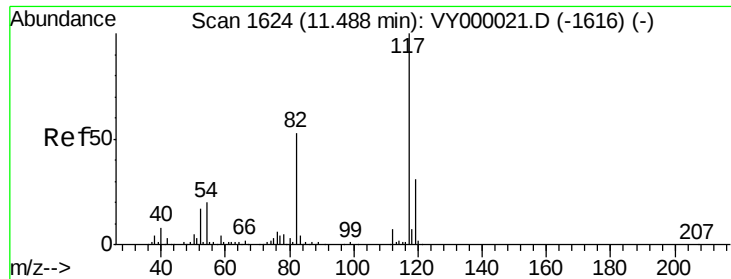
Ion Ratio Lower Upper

95 100

174 71.6 0.0 137.6

176 68.0 0.0 134.8





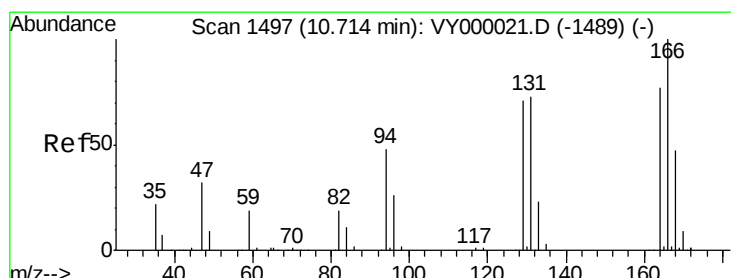
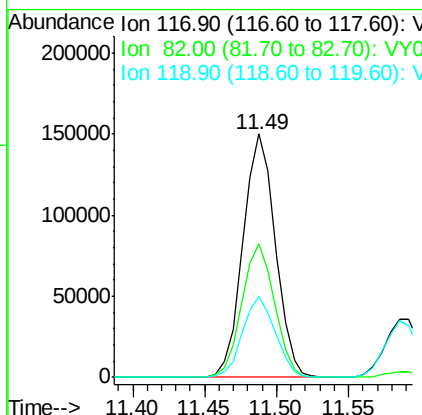
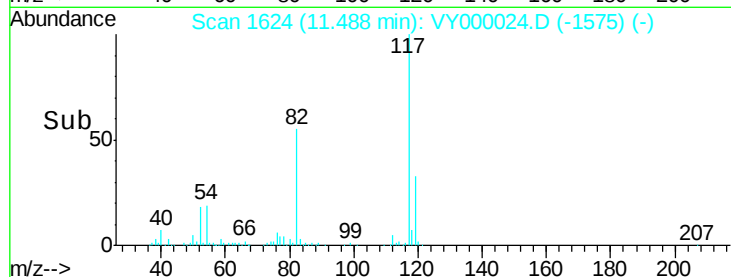
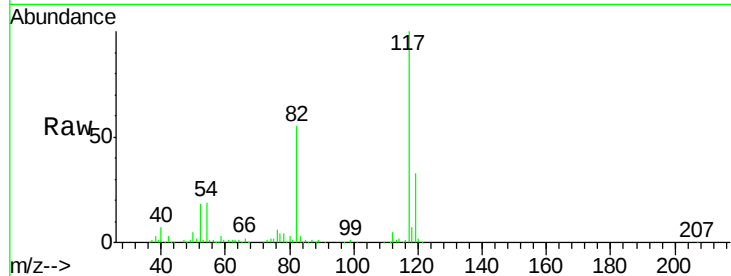
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.5	63.7
119	33.1	25.1	37.7

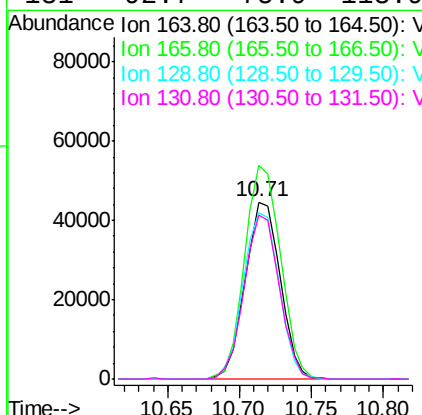
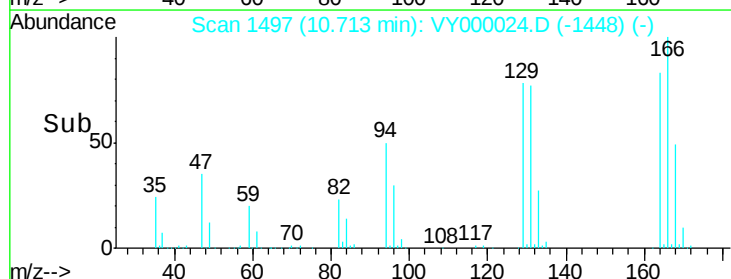
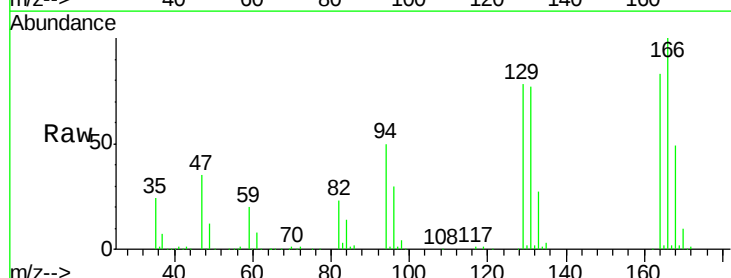
Manual Integrations
APPROVED

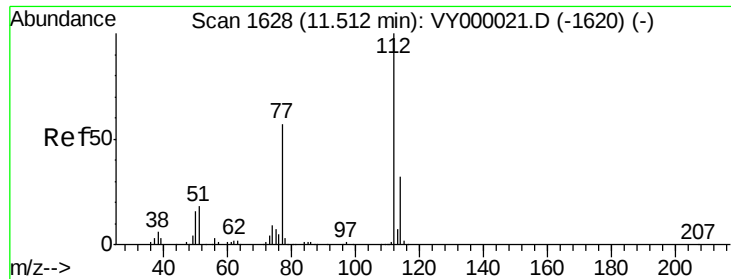
MMDadoda
9/13/2019 11:54:11 PM



#64
Tetrachloroethene
Concen: 52.450 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	103.4	155.0
129	94.0	73.4	110.0
131	92.7	75.9	113.9





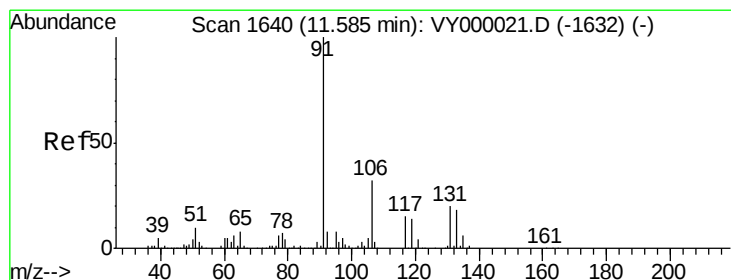
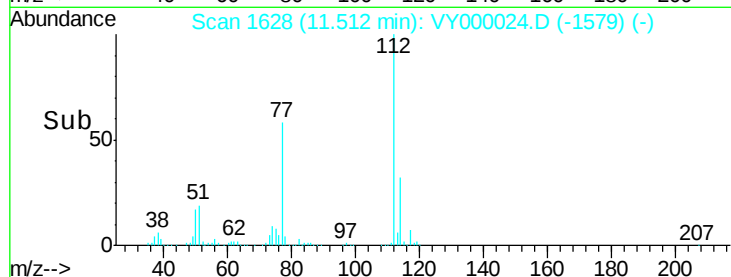
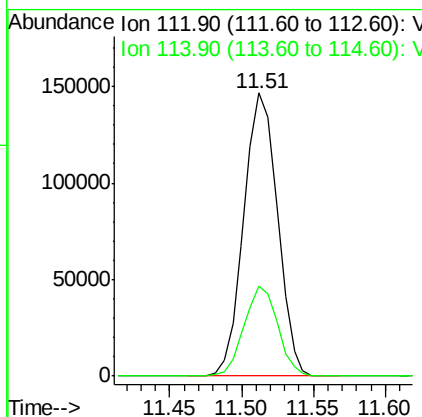
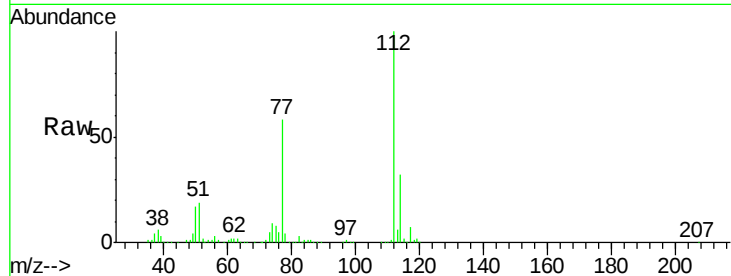
#65
Chlorobenzene
Concen: 53.659 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY091219

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

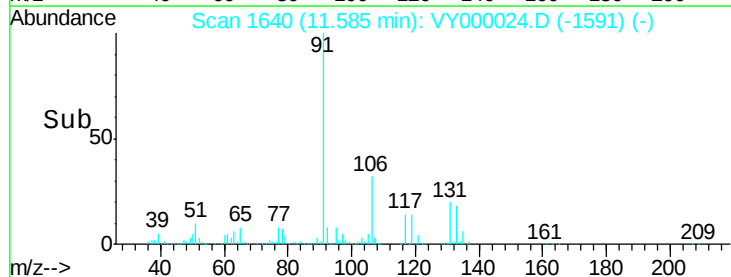
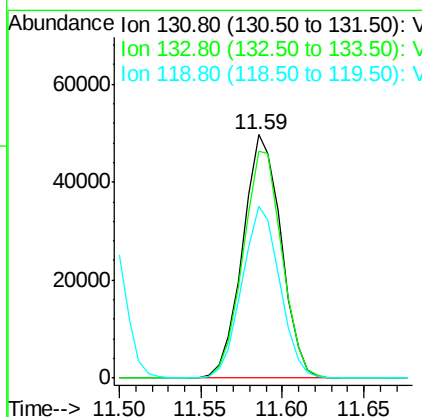
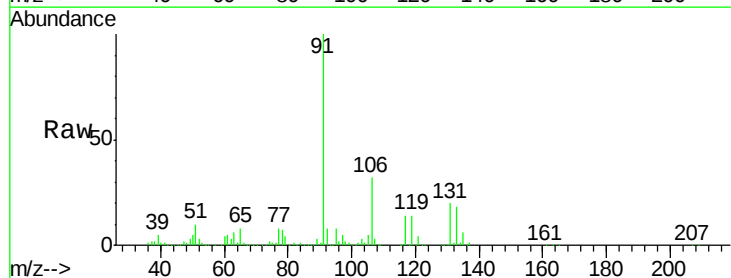
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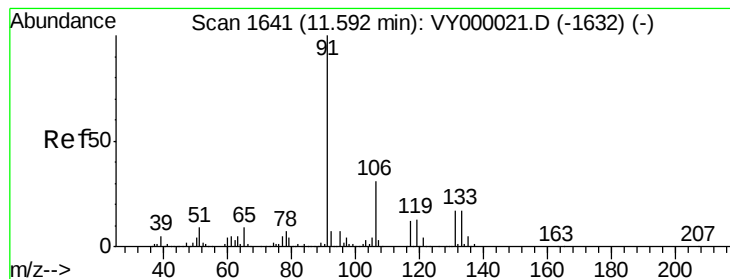
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.083 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.2	141.6
119	69.2	35.4	106.3





#67

Ethyl Benzene

Concen: 52.146 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion: 91 Resp: 421207

Ion Ratio Lower Upper

91 100

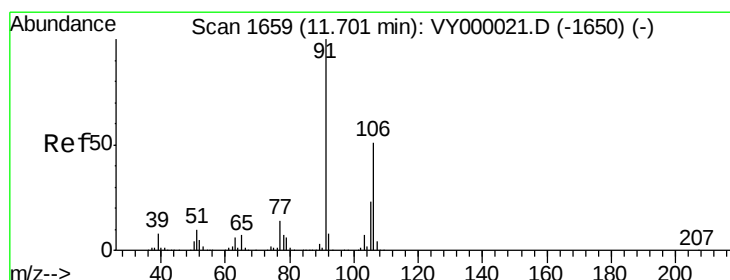
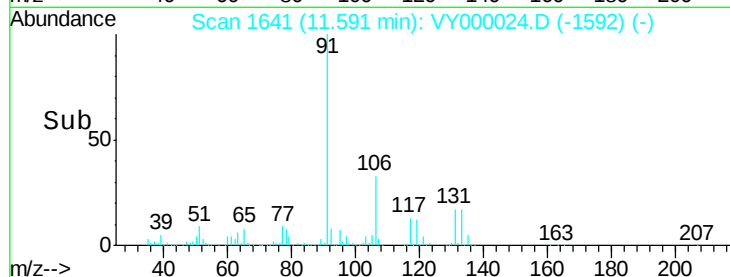
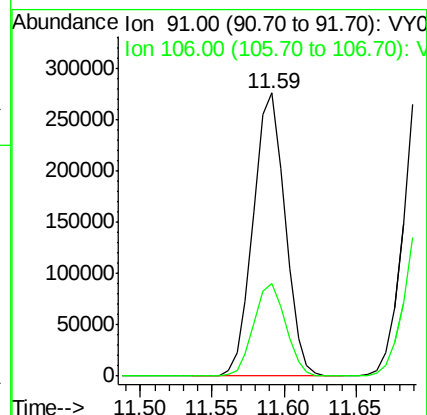
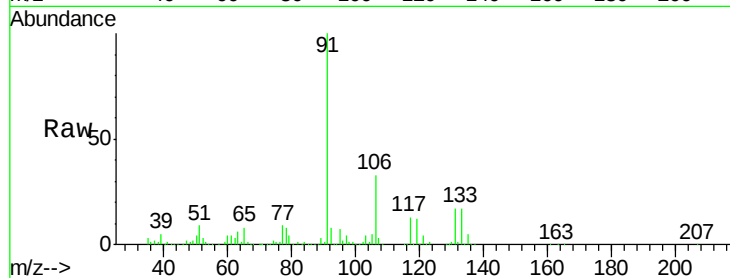
106 32.6 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 108.652 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000024.D

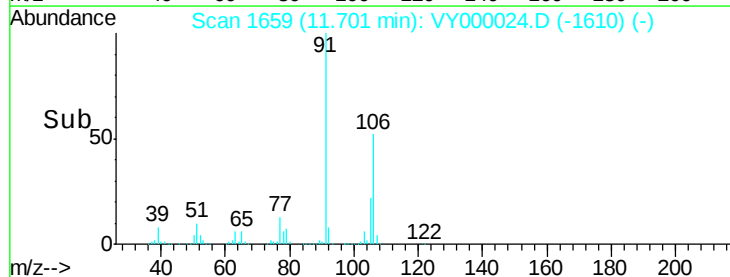
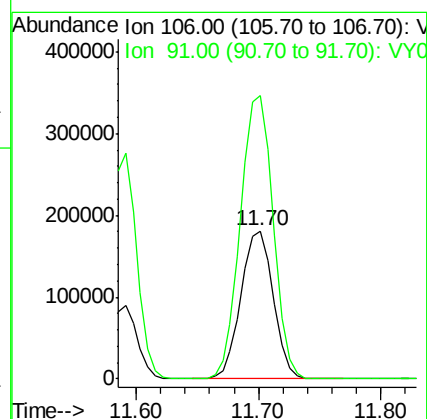
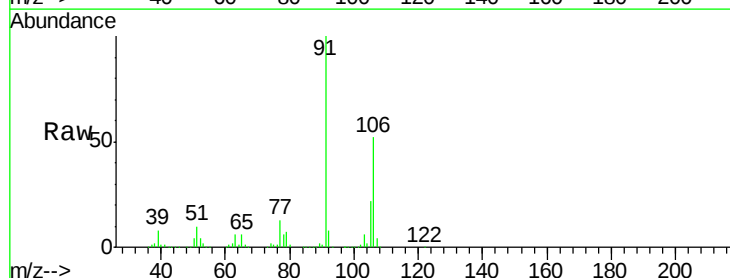
Acq: 12 Sep 2019 13:57

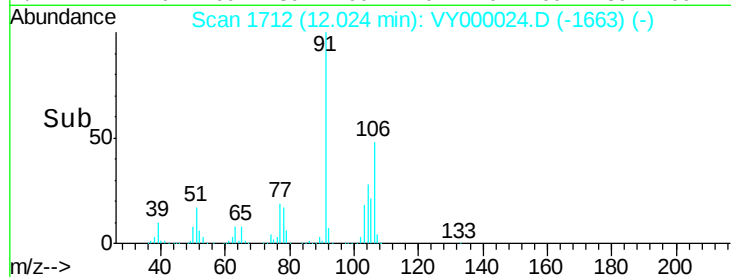
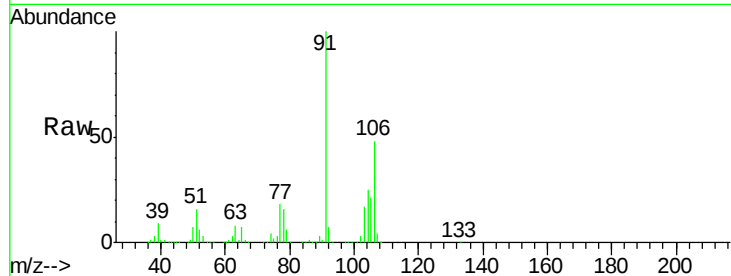
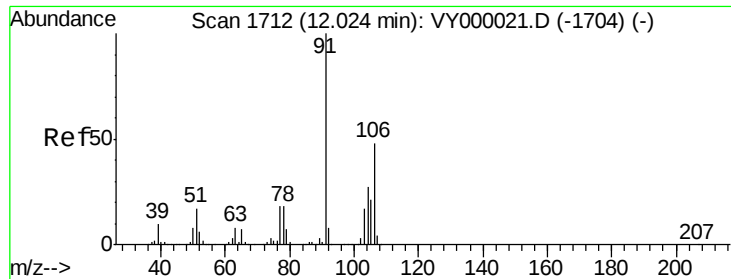
Tgt Ion: 106 Resp: 331184

Ion Ratio Lower Upper

106 100

91 194.2 158.5 237.7





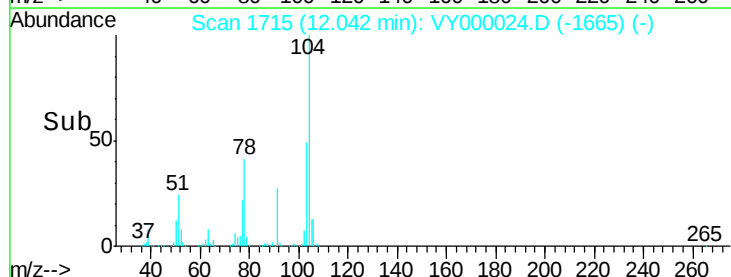
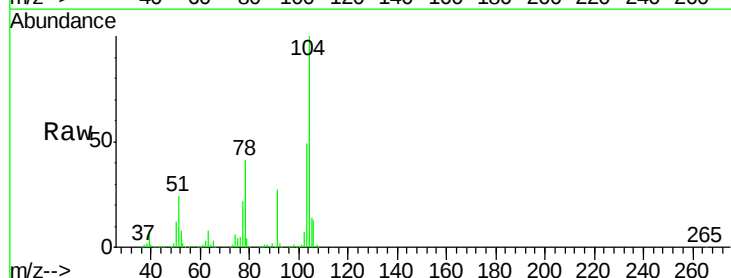
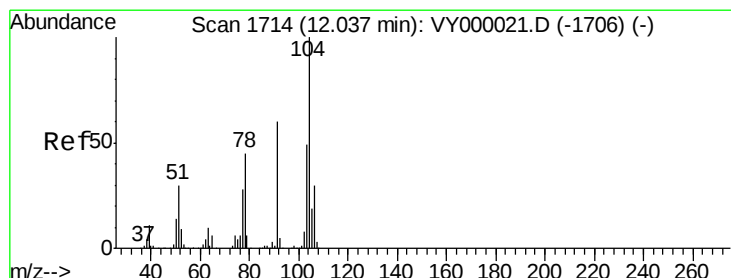
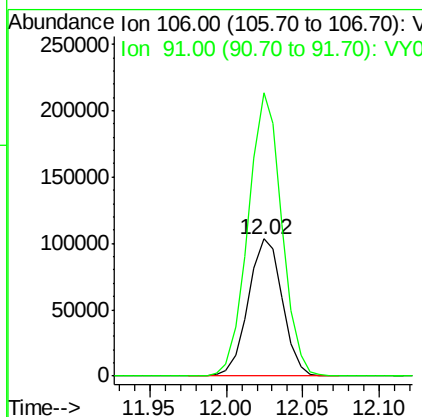
#69
o-Xylene
Concen: 53.612 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		160161		
91	203.3	104.0	312.0		

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

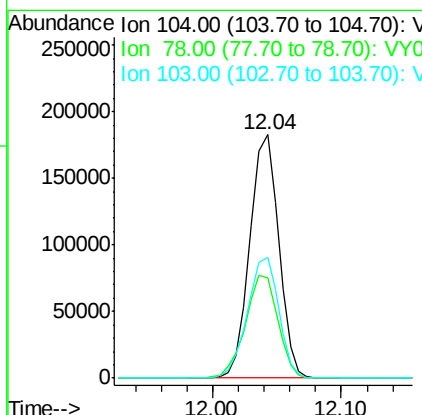
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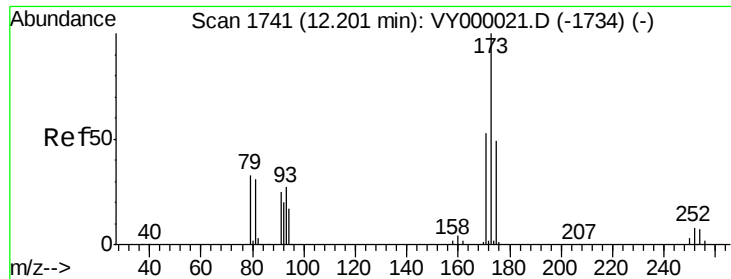
MMDadoda
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#70
Styrene
Concen: 54.445 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		282938		
78	47.6	38.0	57.0		
103	53.7	42.4	63.6		





#71

Bromoform

Concen: 53.253 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

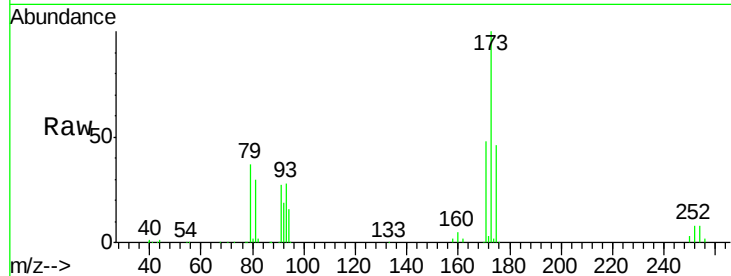
ClientSampleId :

ICVVY091219

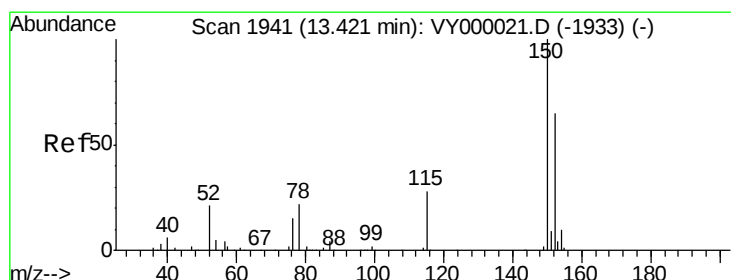
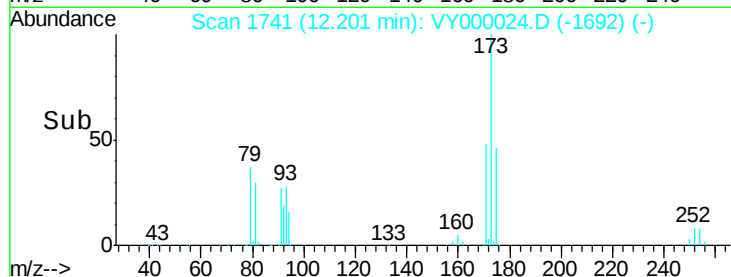
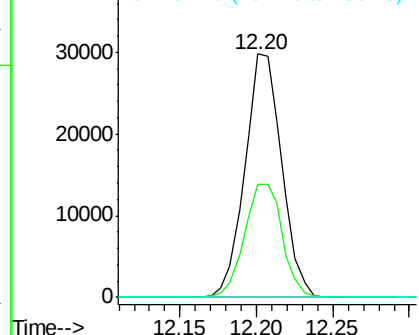
Tot Ion:	173	Resp:	49537
Ion Ratio	Lower	Upper	
173	100		
175	48.0	25.1	75.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

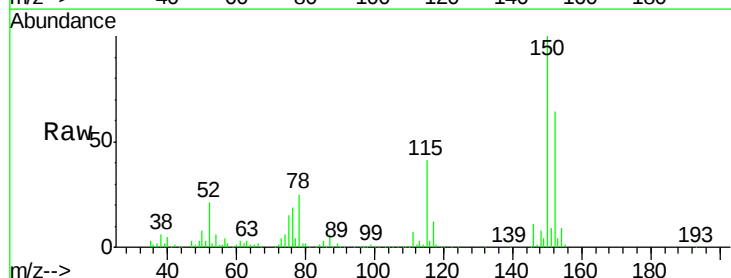
RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

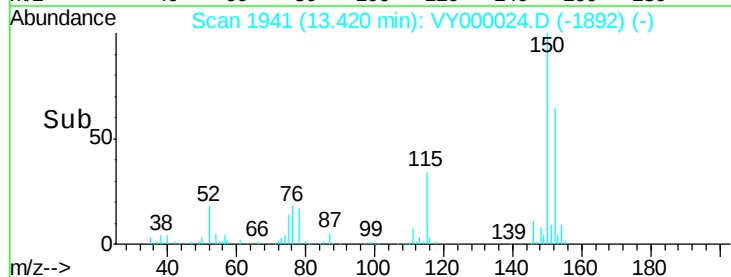
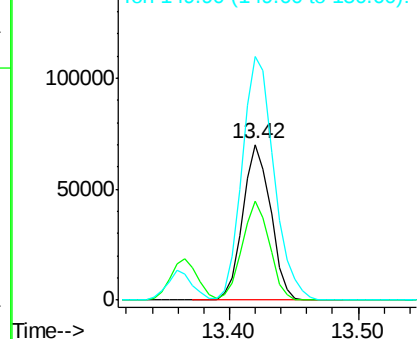
Lab File: VY000024.D

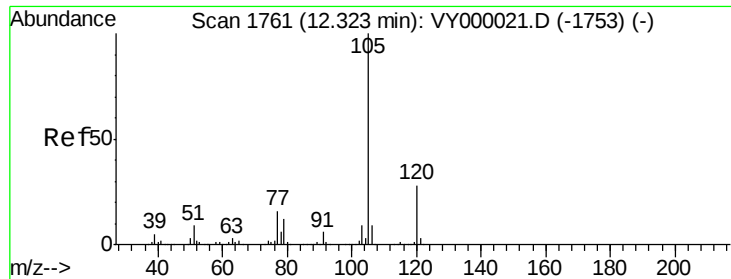
Acq: 12 Sep 2019 13:57

Tgt Ion:	152	Resp:	104637
Ion Ratio	Lower	Upper	
152	100		
115	62.5	29.4	88.2
150	178.6	0.0	349.0



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





#73

Isopropylbenzene

Concen: 53.026 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion: 105 Resp: 423943

Ion Ratio Lower Upper

105 100

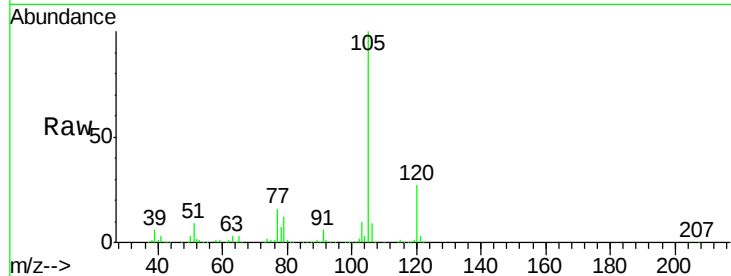
120 27.5 13.9 41.6

Manual Integrations

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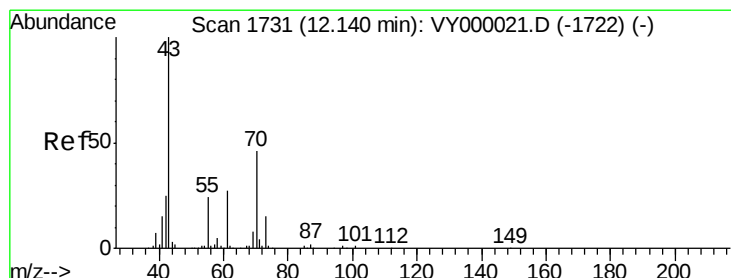
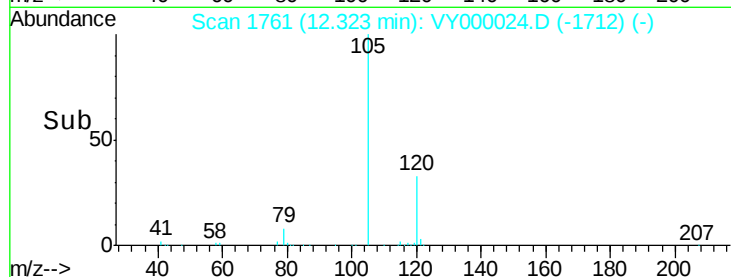
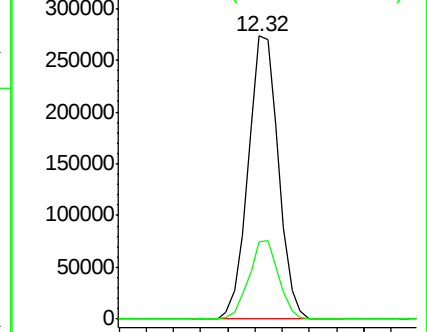
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.793 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion: 43 Resp: 129314

Ion Ratio Lower Upper

43 100

70 45.0 38.1 57.1

55 23.5 18.7 28.1

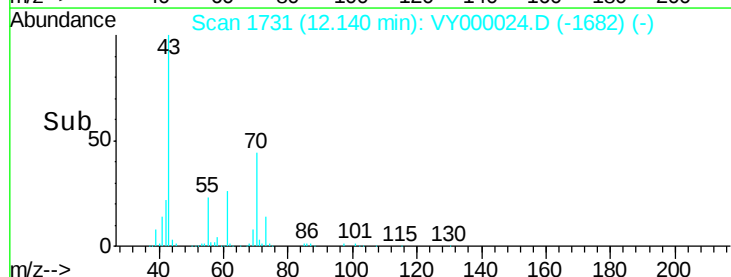
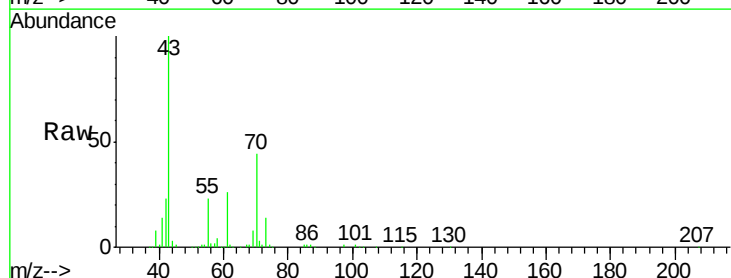
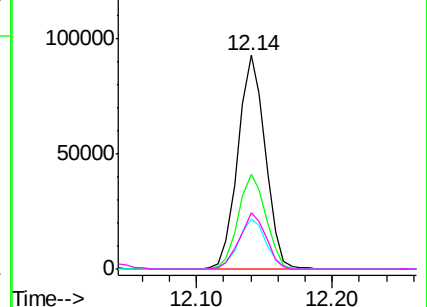
61 25.5 22.1 33.1

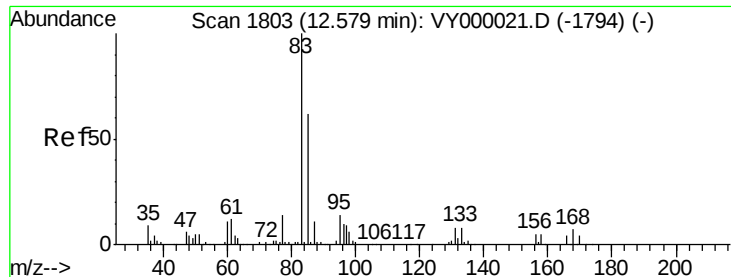
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.760 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

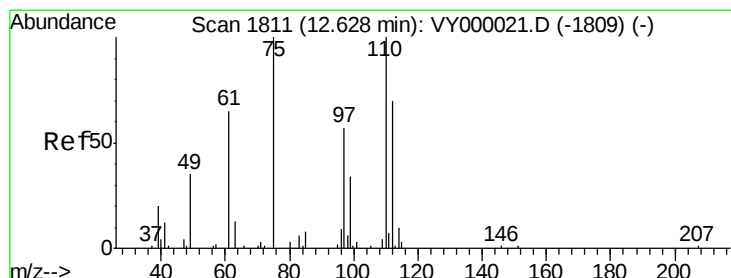
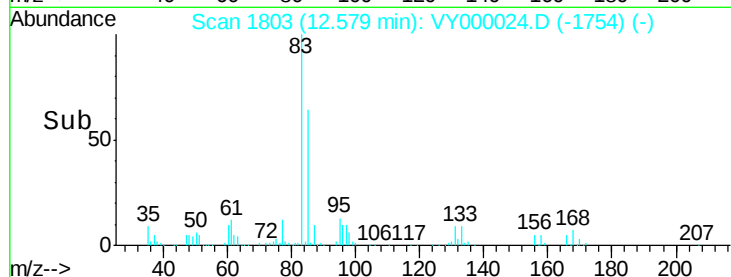
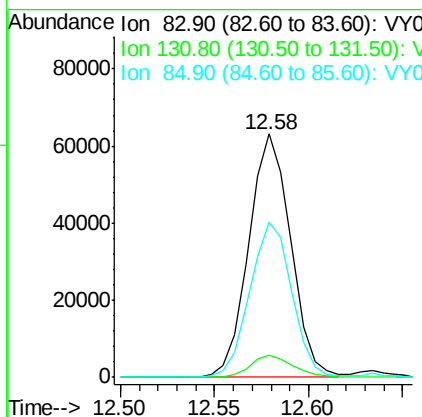
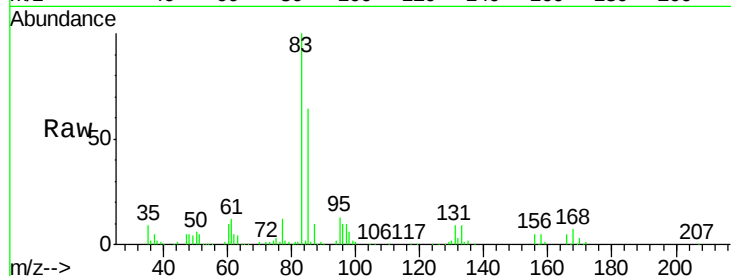
ClientSampleId :

ICVY091219

Tot Ion	83	Resp	97030
Ion Ratio	100	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	64.0	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.835 ug/l m

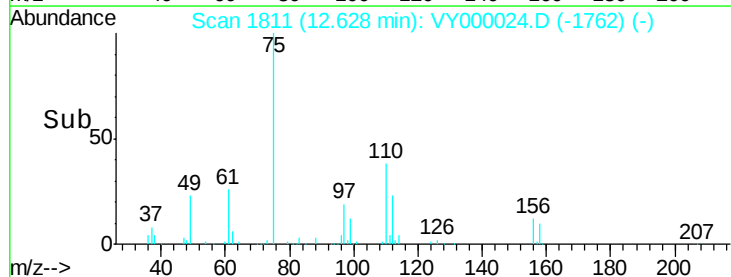
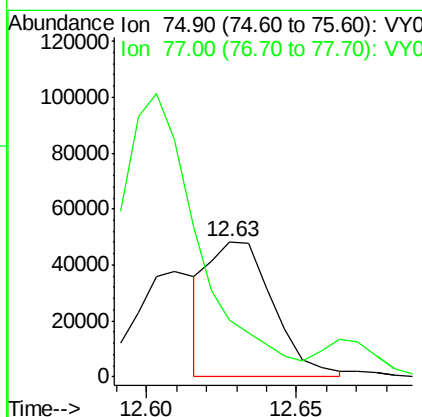
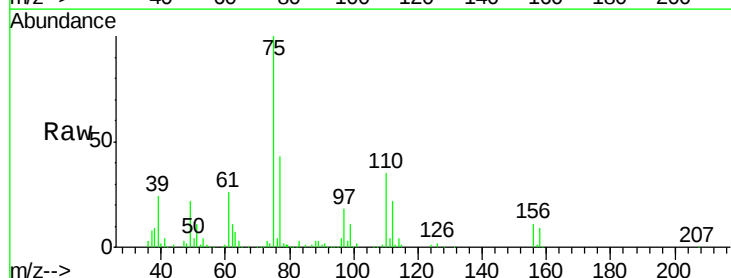
RT: 12.63 min Scan# 1811

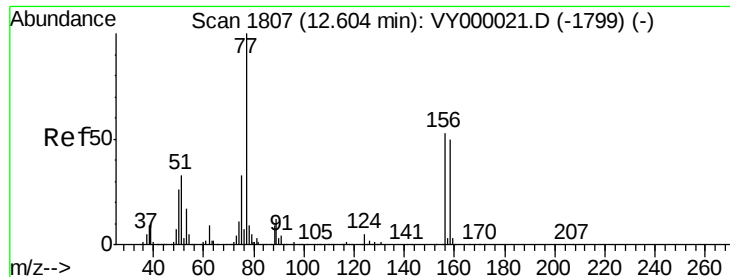
Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion	75	Resp	72428
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.584 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY091219

Tot Ion:156 Resp: 88933

Ion Ratio Lower Upper

156 100

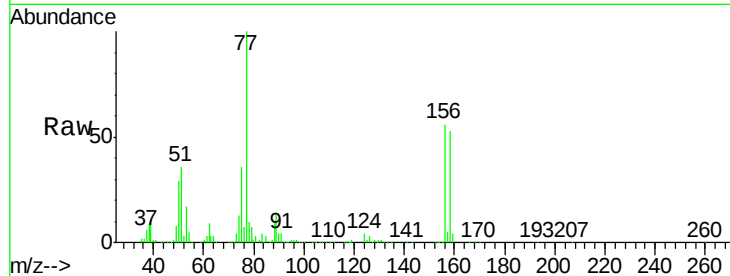
77 213.5 106.0 317.9

158 98.5 47.3 141.9

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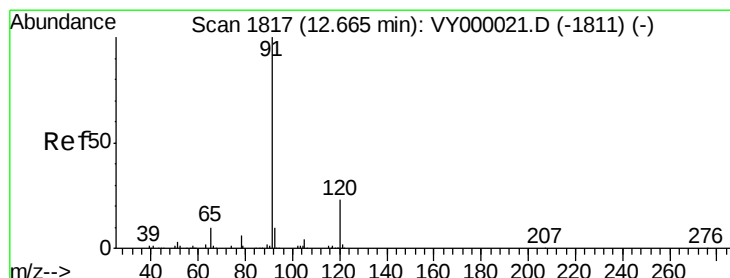
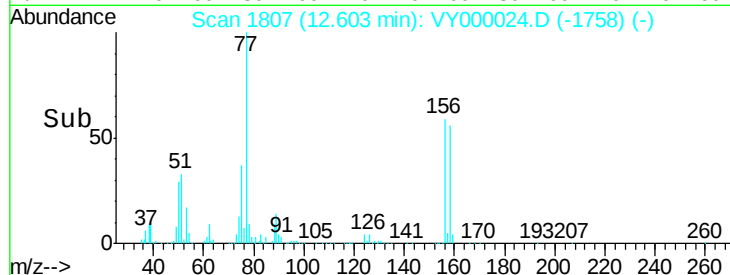
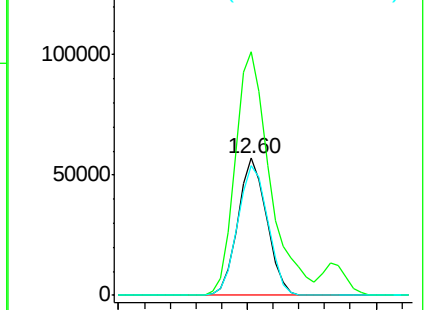
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.703 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000024.D

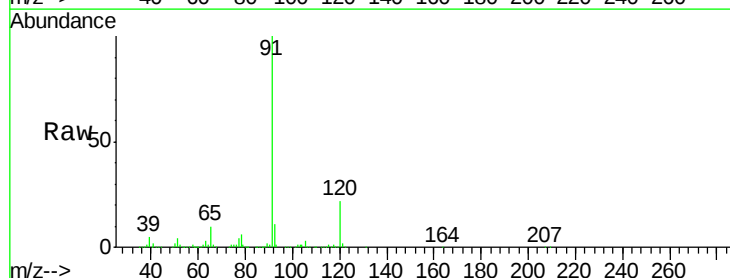
Acq: 12 Sep 2019 13:57

Tgt Ion: 91 Resp: 524707

Ion Ratio Lower Upper

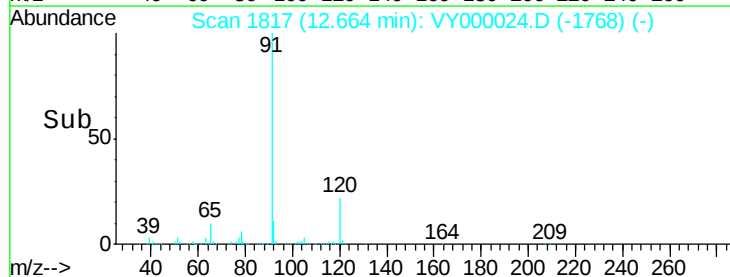
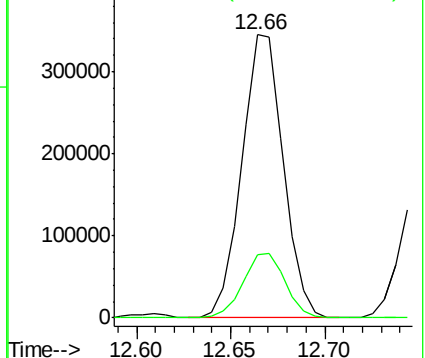
91 100

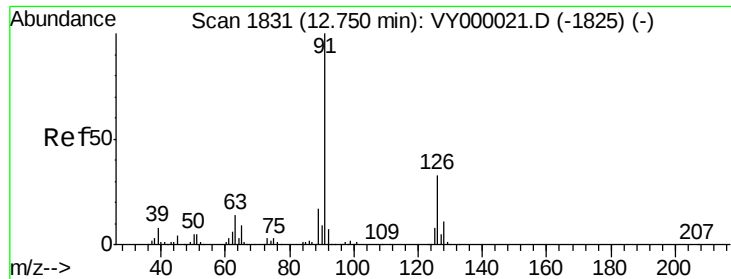
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.952 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY091219

Tot Ion: 91 Resp: 283843

Ion Ratio Lower Upper

91 100

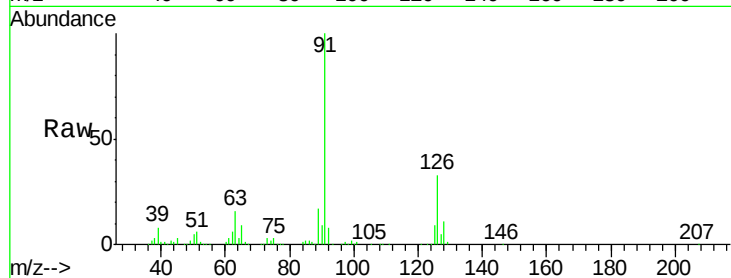
126 34.6 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VY000021.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000021.D (-1825) (-)

400000

300000

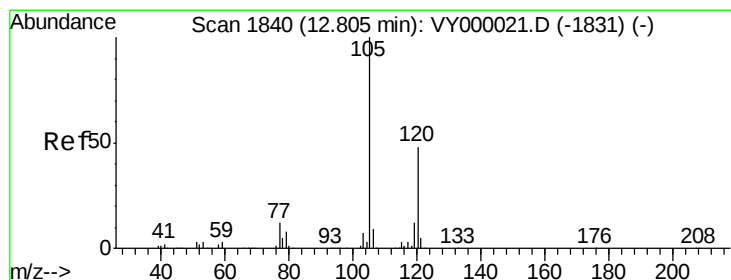
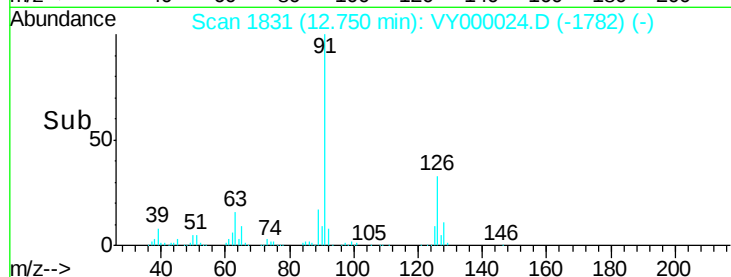
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.622 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. -0.00 min

Lab File: VY000024.D

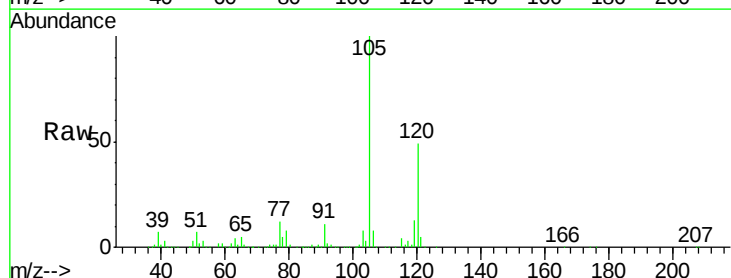
Acq: 12 Sep 2019 13:57

Tgt Ion: 105 Resp: 351283

Ion Ratio Lower Upper

105 100

120 50.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VY000021.D (-1831) (-)

Ion 120.00 (119.70 to 120.70): VY000021.D (-1831) (-)

250000

200000

150000

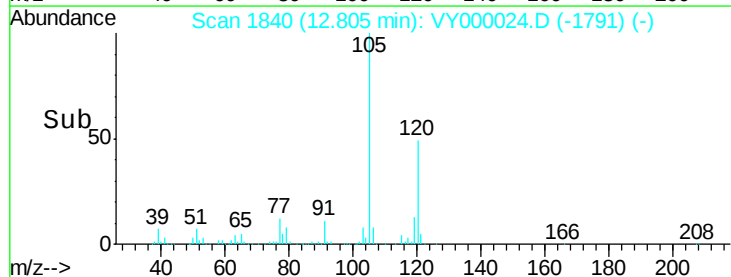
100000

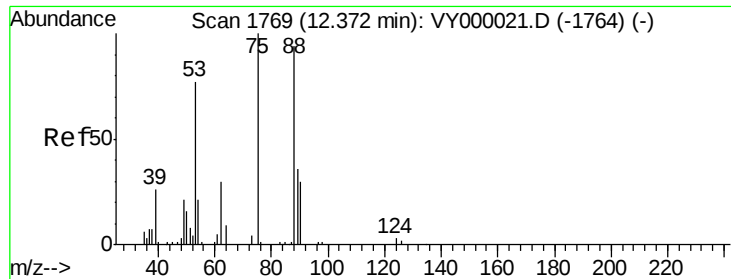
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.533 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

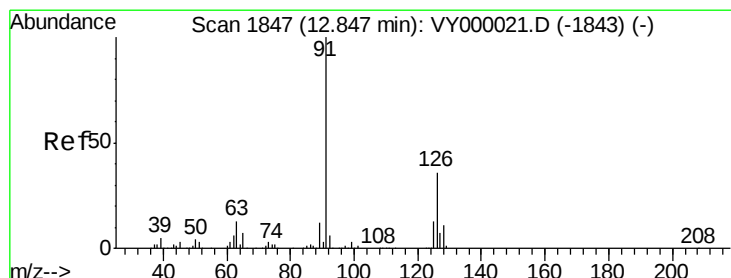
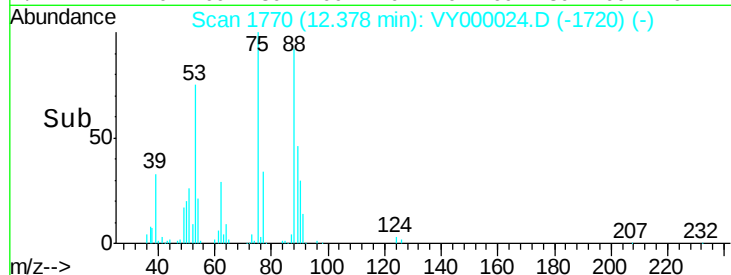
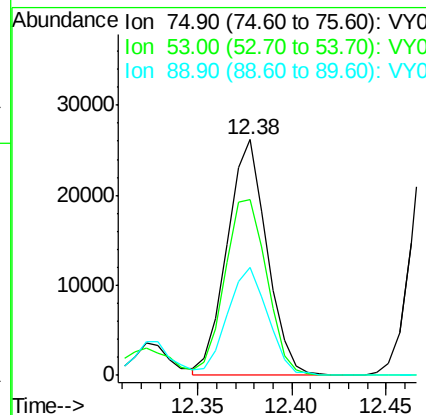
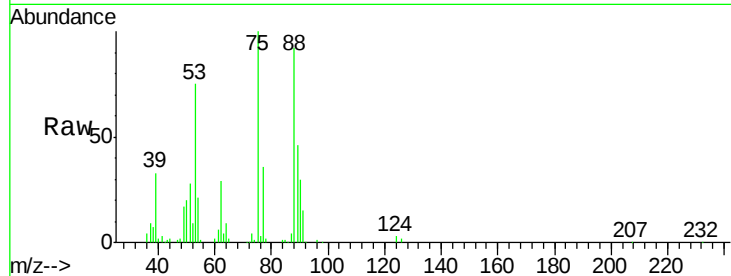
ClientSampleId :

ICVY091219

Tot Ion:	75	Resp:	38491
Ion Ratio	Lower	Upper	
75	100		
53	78.8	64.2	96.2
89	46.3	35.5	53.3

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#82

4-Chlorotoluene

Concen: 52.901 ug/l

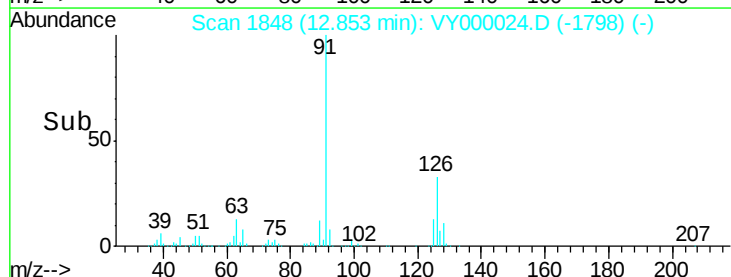
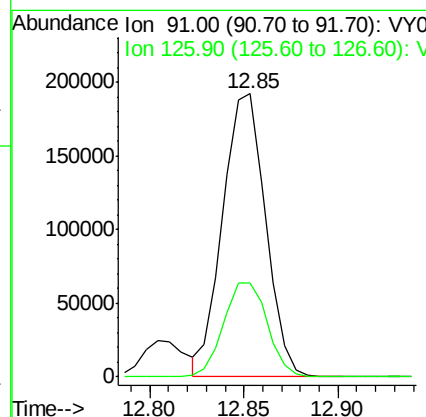
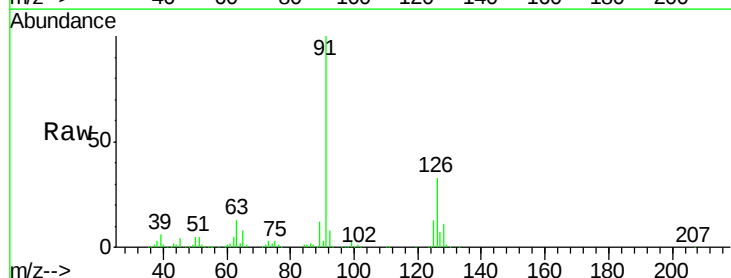
RT: 12.85 min Scan# 1848

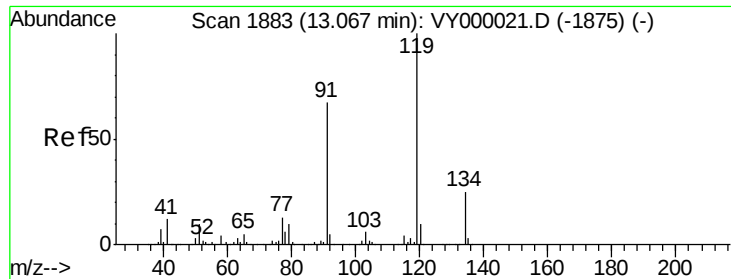
Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	91	Resp:	303338
Ion Ratio	Lower	Upper	
91	100		
126	34.2	17.2	51.5





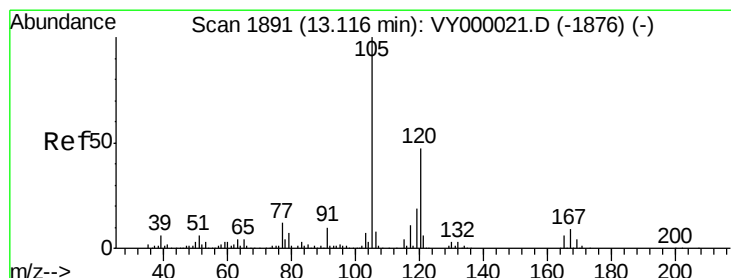
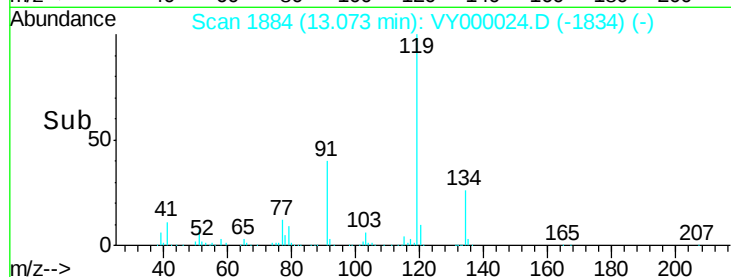
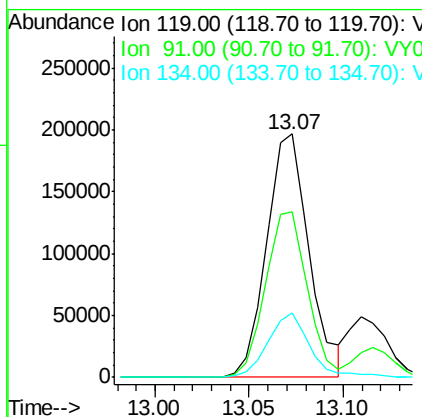
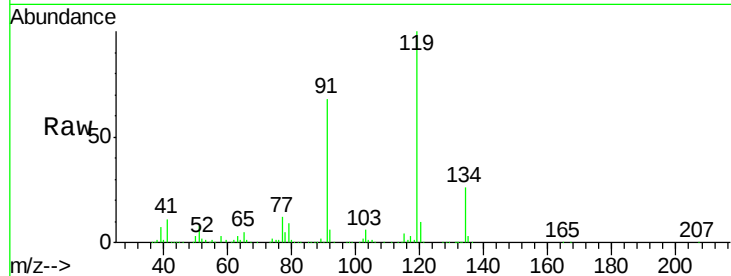
#83
tert-Butylbenzene
Concen: 53.576 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Resp	Lower	Upper
119	100	307304		
91	67.2	33.1	99.5	
134	26.1	13.5	40.5	

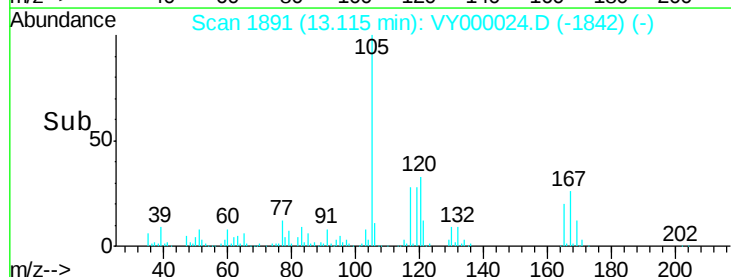
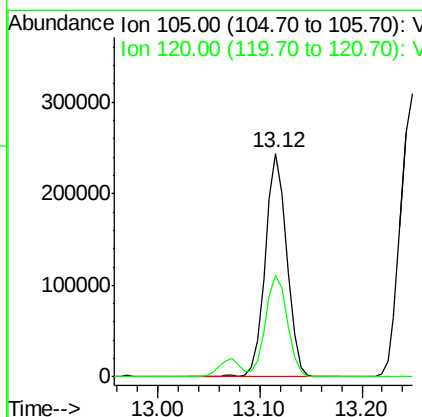
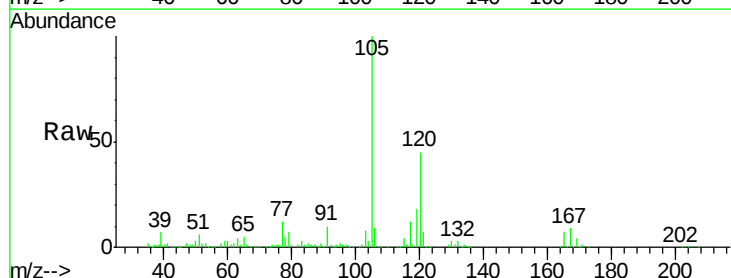
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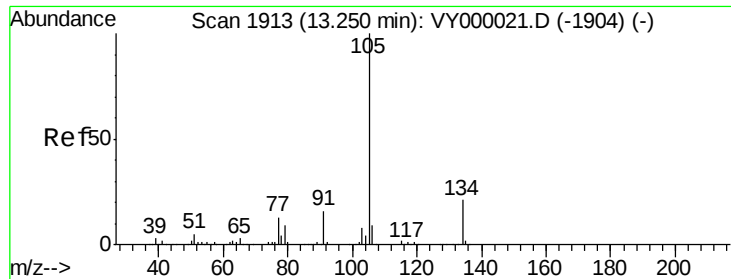
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#84
1,2,4-Trimethylbenzene
Concen: 54.188 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	357331		
120	45.8	23.1	69.3	





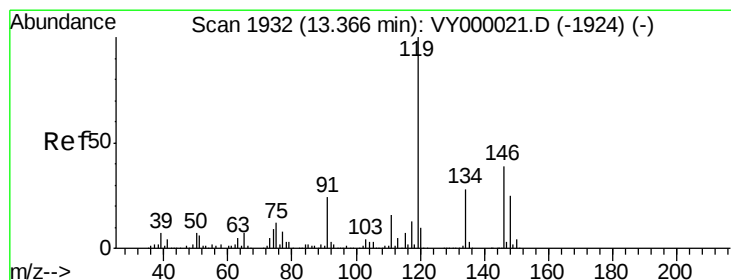
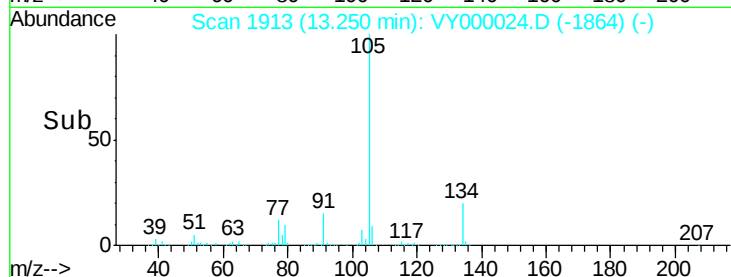
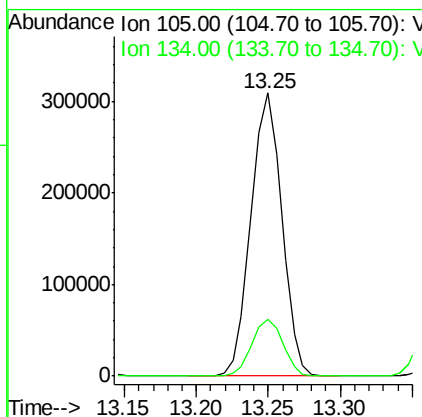
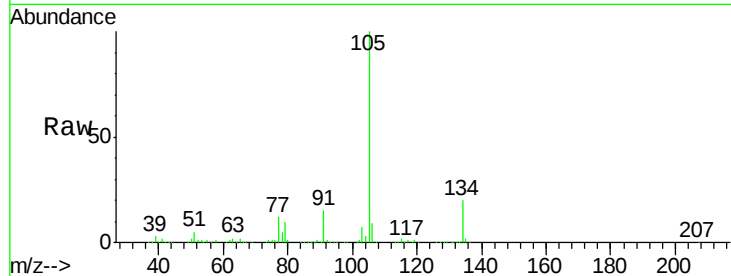
#85
 sec-Butylbenzene
 Concen: 54.124 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091219

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.1

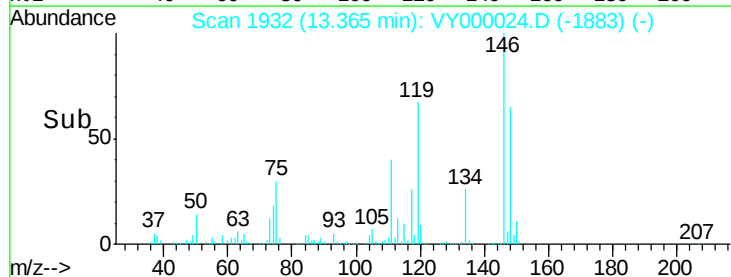
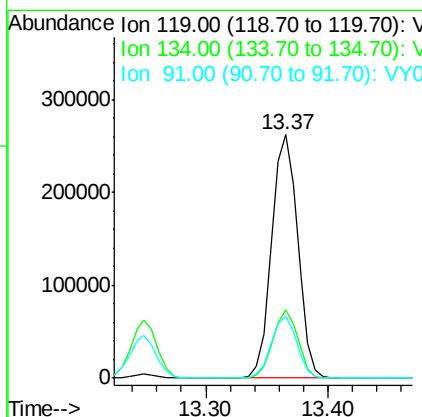
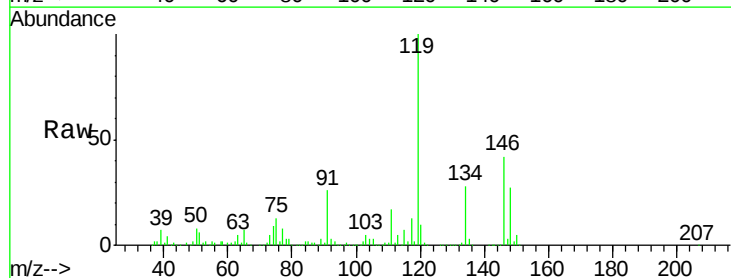
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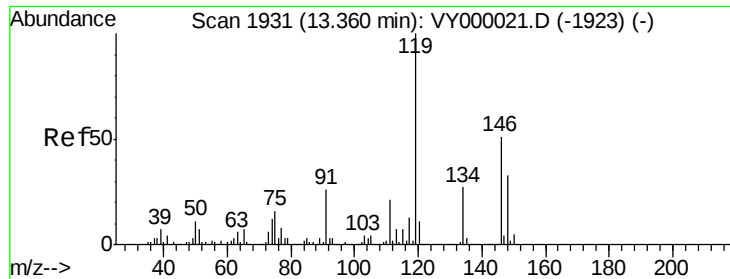
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#86
 p-Isopropyltoluene
 Concen: 53.941 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.8	41.3
91	25.0	12.4	37.2





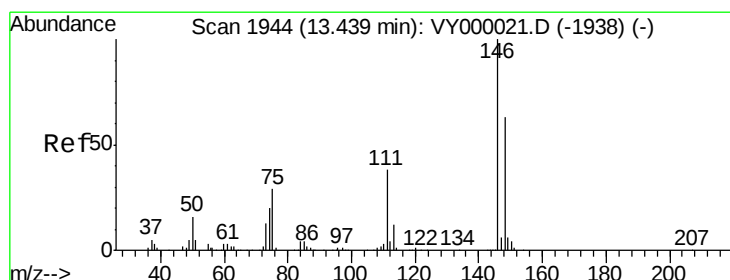
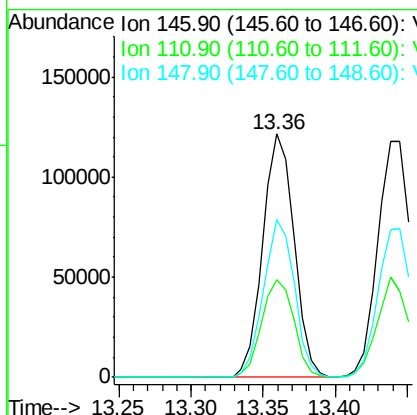
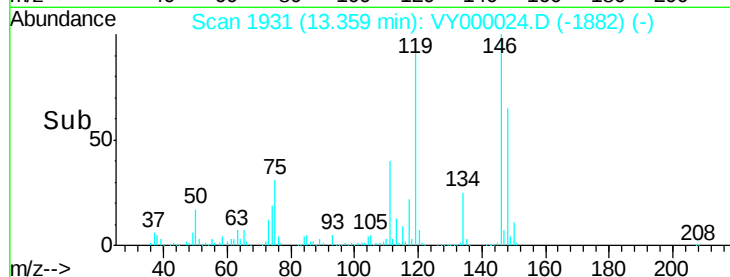
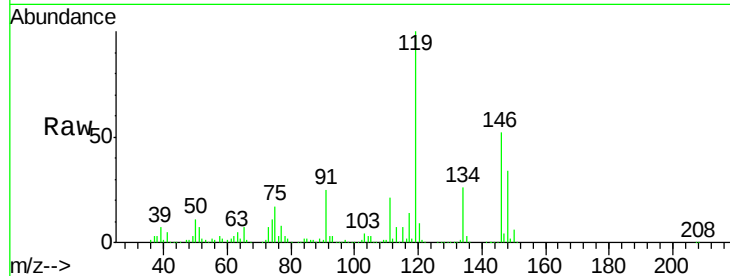
#87
 1,3-Dichlorobenzene
 Concen: 53.797 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091219

Tot Ion	Ratio	Resp	Lower	Upper
146	100	183114		
111	41.1	21.2	63.6	
148	64.2	32.1	96.5	

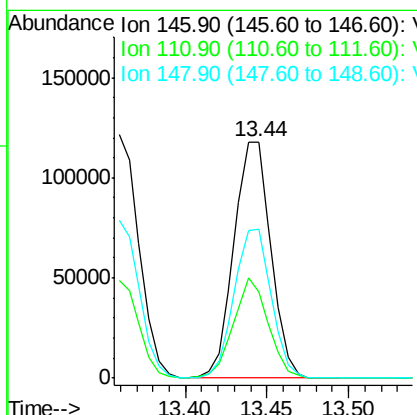
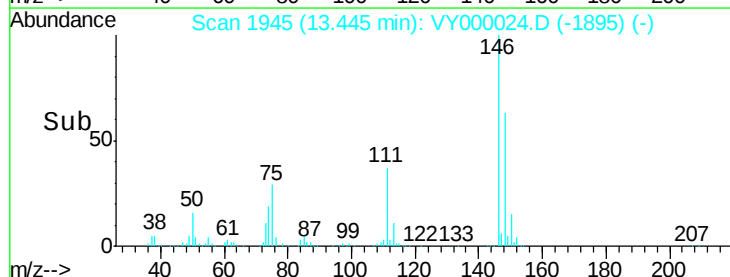
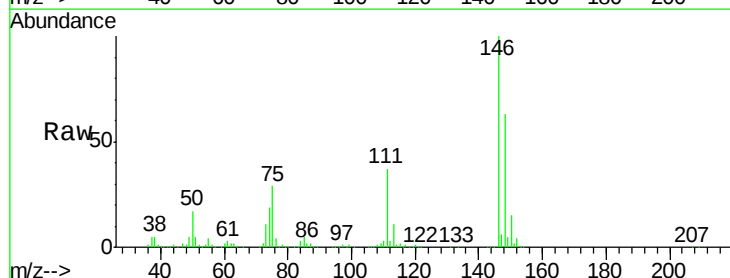
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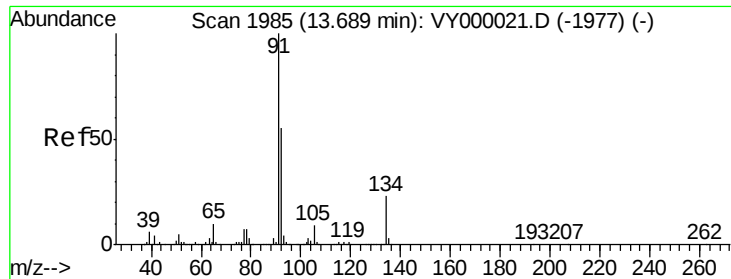
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#88
 1,4-Dichlorobenzene
 Concen: 54.369 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	186230		
111	39.8	20.3	60.9	
148	63.3	31.7	95.1	





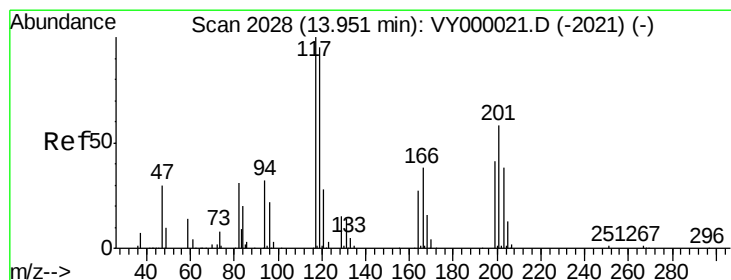
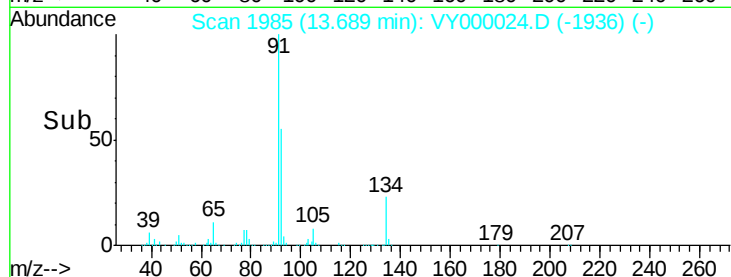
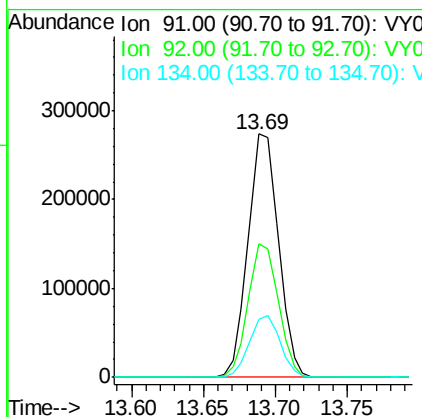
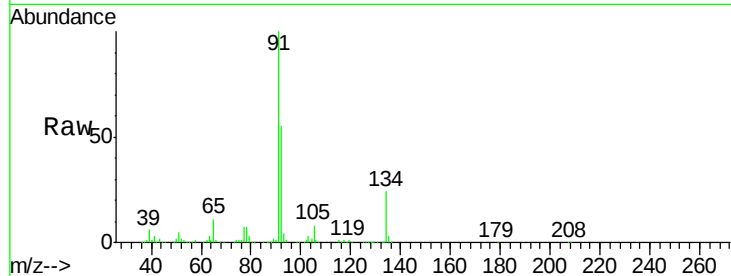
#89
n-Butylbenzene
Concen: 55.198 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY091219

Tot Ion	Ratio	Resp	Lower	Upper
91	100	401670		
92	54.3	27.2	81.6	
134	25.4	12.6	37.6	

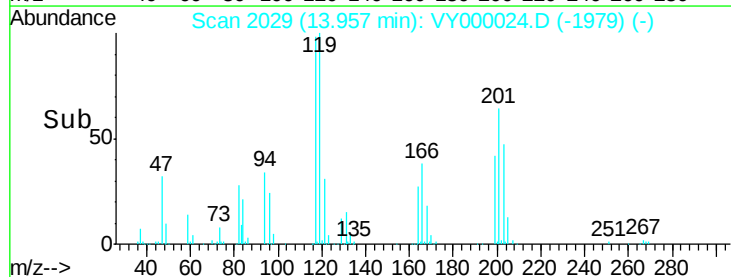
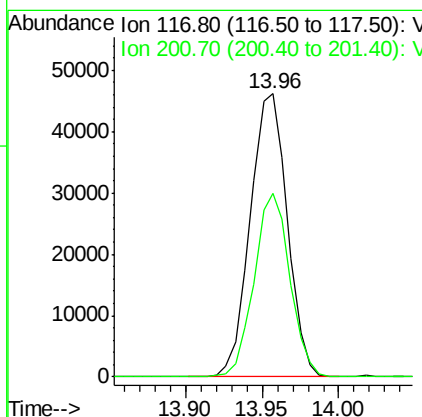
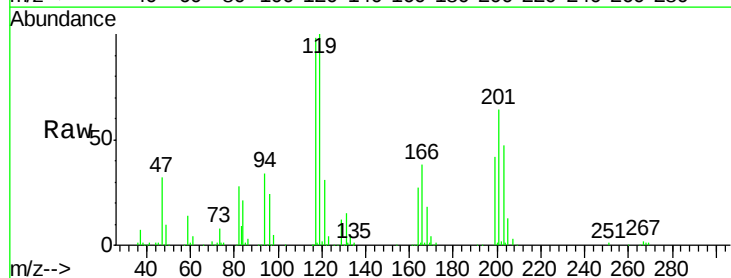
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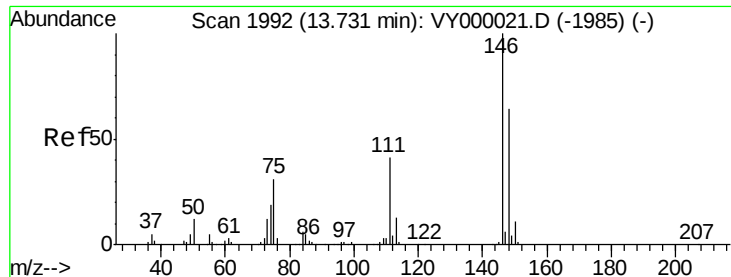
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#90
Hexachloroethane
Concen: 54.363 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	78012		
201	62.3	31.4	94.0	





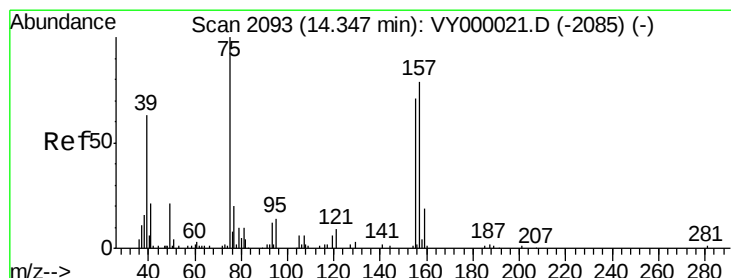
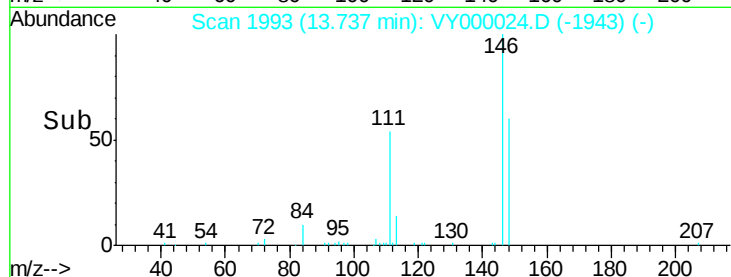
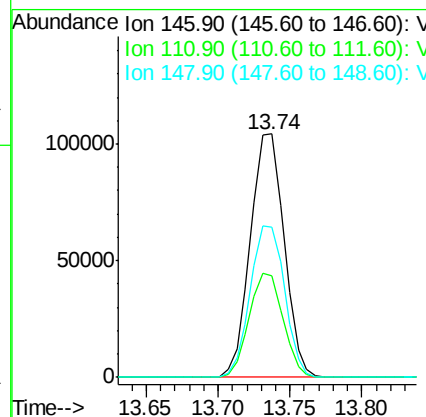
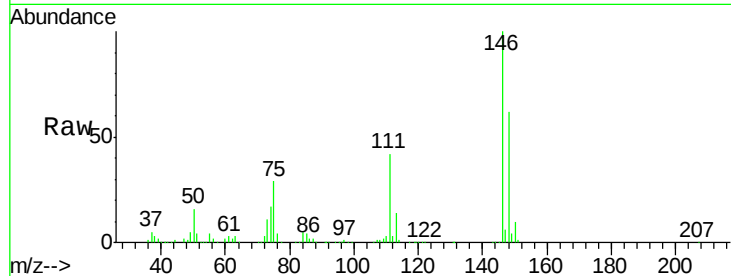
#91
 1,2-Dichlorobenzene
 Concen: 53.335 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091219

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.0	63.0
148	63.5	31.6	95.0

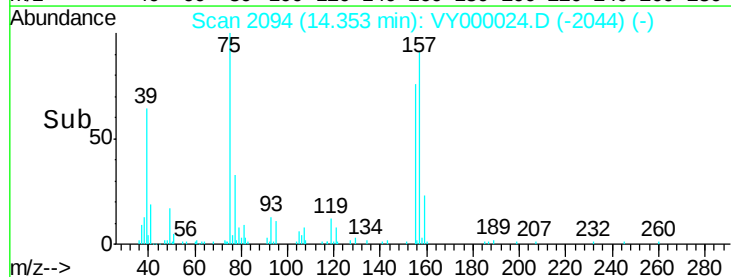
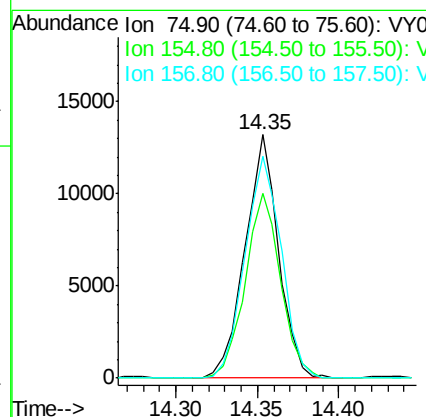
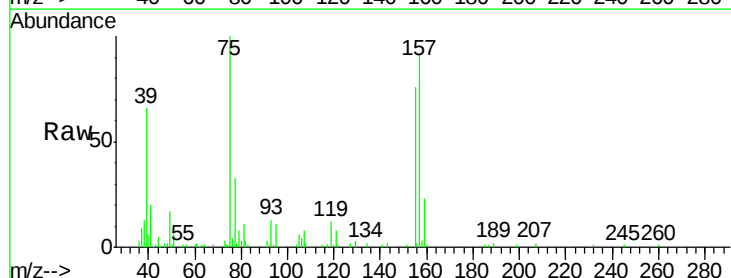
Manual Integrations
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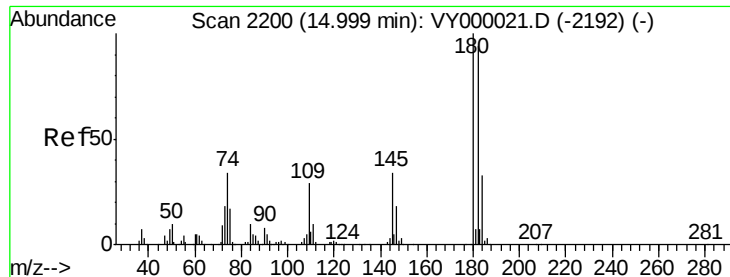
MMDadoda
 9/13/2019 11:54:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.596 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	41.8	125.3
157	98.9	51.3	153.9





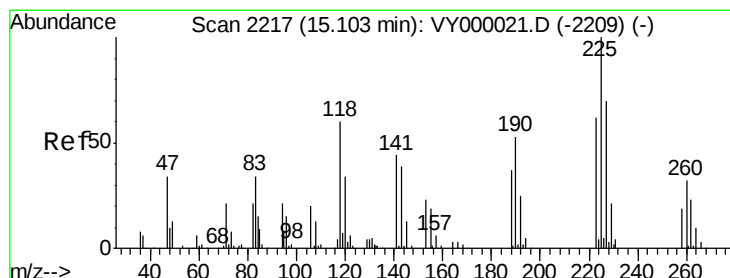
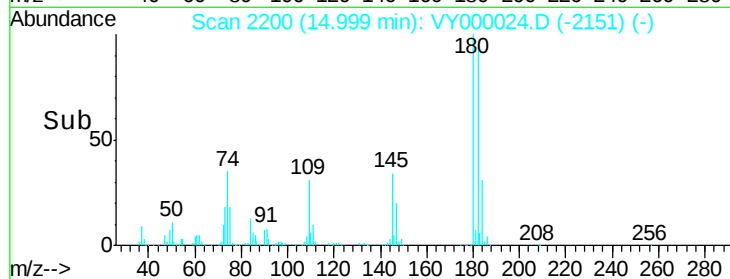
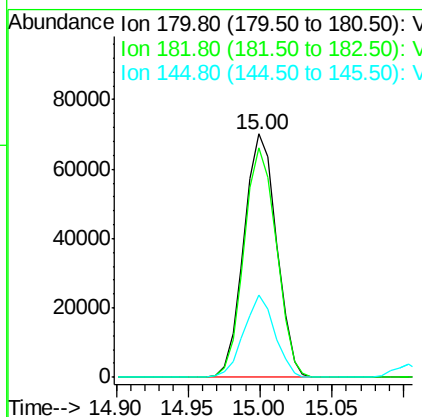
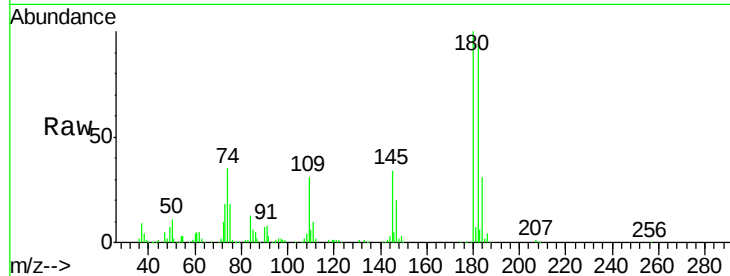
#93
 1,2,4-Trichlorobenzene
 Concen: 54.346 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY091219

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.9	47.0	141.0	
145	32.2	16.7	50.1	

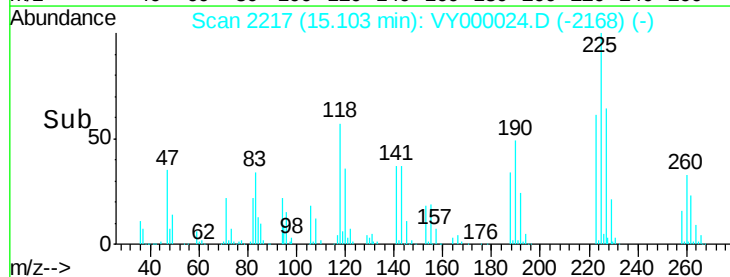
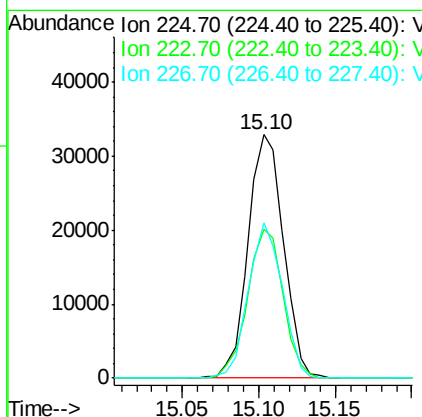
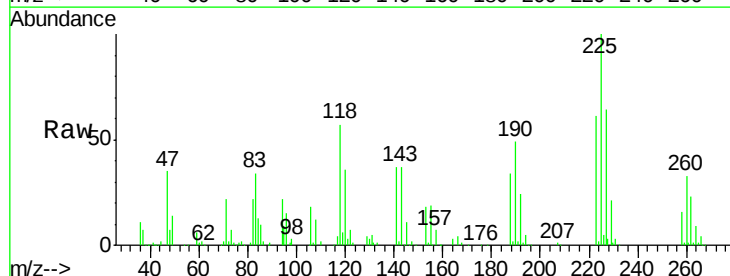
Manual Integrations
 APPROVED

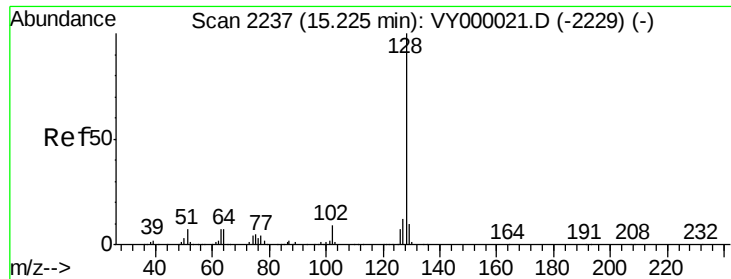
MMDadoda
 9/13/2019 11:54:11 PM



#94
 Hexachlorobutadiene
 Concen: 57.243 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	30.9	92.7	
227	61.1	31.0	93.0	





#95

Naphthalene

Concen: 53.259 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

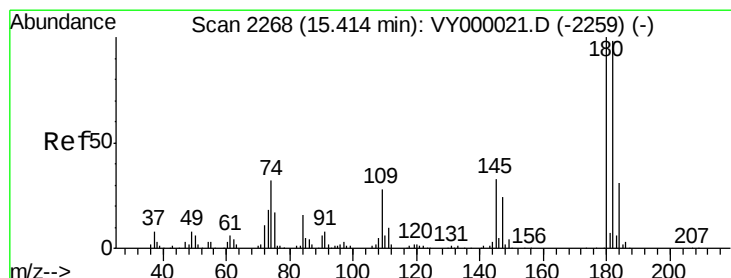
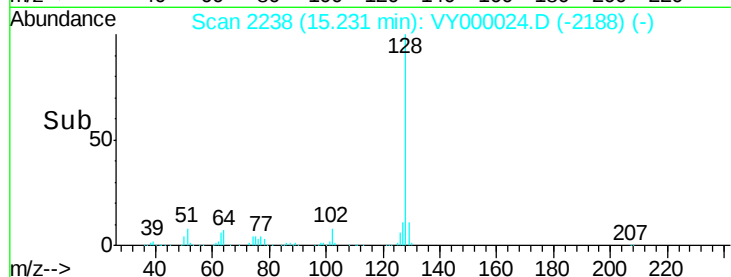
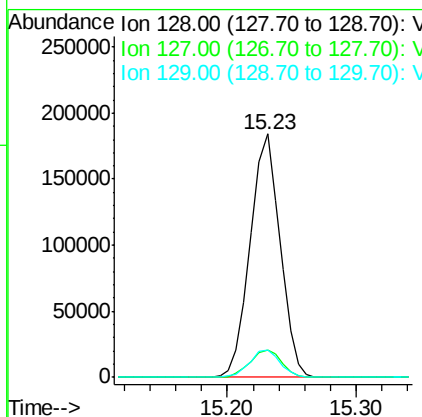
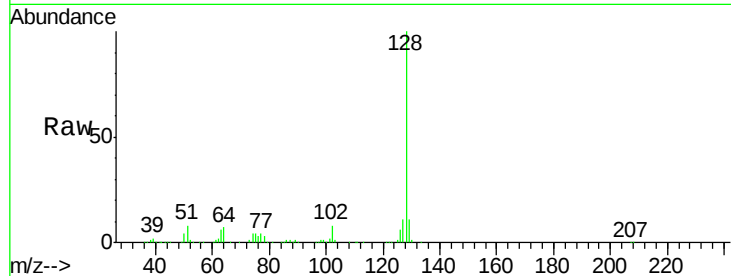
ClientSampleId :

ICVY091219

Tot Ion:	128	Resp:	294512
Ion Ratio	Lower	Upper	
128	100		
127	11.9	9.8	14.8
129	11.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:54:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 55.274 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:	180	Resp:	100294
Ion Ratio	Lower	Upper	
180	100		
182	92.5	46.8	140.4
145	33.7	17.3	51.7

