

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000131.D
 Acq On : 23 Sep 2019 13:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY092319

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:26 AM

Quant Time: Sep 24 05:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	125974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	226223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	201110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90971	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	69982	48.33	ug/l	0.00
Spiked Amount						
			Recovery	=	96.66%	
35) Dibromofluoromethane	7.72	113	66431	51.14	ug/l	0.00
Spiked Amount						
			Recovery	=	102.28%	
50) Toluene-d8	10.18	98	272336	52.08	ug/l	0.00
Spiked Amount						
			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.48	95	94754	49.27	ug/l	0.00
Spiked Amount						
			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	53344	42.686	ug/l	93
3) Chloromethane	2.11	50	89197	49.077	ug/l	99
4) Vinyl Chloride	2.25	62	92498	47.758	ug/l	99
5) Bromomethane	2.63	94	60095	50.092	ug/l	100
6) Chloroethane	2.78	64	57177	47.786	ug/l	98
7) Trichlorofluoromethane	3.12	101	103622	46.840	ug/l	97
8) Diethyl Ether	3.53	74	43715	46.098	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	69744	47.547	ug/l	99
10) Methyl Iodide	4.09	142	90970	48.342	ug/l	96
11) Tert butyl alcohol	4.96	59	35751	239.130	ug/l	99
12) 1,1-Dichloroethene	3.86	96	73202	48.317	ug/l	90
13) Acrolein	3.73	56	9012	148.361	ug/l	94
14) Allyl chloride	4.48	41	104973	49.086	ug/l	96
15) Acrylonitrile	5.17	53	105745	230.034	ug/l	99
16) Acetone	3.95	43	67260	238.932	ug/l	90
17) Carbon Disulfide	4.18	76	242840	46.522	ug/l	100
18) Methyl Acetate	4.48	43	46202	44.802	ug/l	100
19) Methyl tert-butyl Ether	5.21	73	186970	47.493	ug/l	96
20) Methylene Chloride	4.71	84	94749	50.086	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	81067	47.448	ug/l	96
22) Diisopropyl ether	6.12	45	216055	47.385	ug/l	95
23) Vinyl Acetate	6.06	43	733352	241.344	ug/l	96
24) 1,1-Dichloroethane	6.01	63	126936	46.733	ug/l	98
25) 2-Butanone	6.99	43	122375	234.310	ug/l	94
26) 2,2-Dichloropropane	6.98	77	112838	45.841	ug/l	98
27) cis-1,2-Dichloroethene	6.98	96	89680	47.160	ug/l	98
28) Bromochloromethane	7.33	49	51052	48.098	ug/l	98
29) Tetrahydrofuran	7.35	42	83940	237.332	ug/l	97
30) Chloroform	7.51	83	124259	45.441	ug/l	95
31) Cyclohexane	7.78	56	126792	45.017	ug/l	97
32) 1,1,1-Trichloroethane	7.70	97	108151	48.074	ug/l	99
36) 1,1-Dichloropropene	7.92	75	106009	50.610	ug/l	100
37) Ethyl Acetate	7.07	43	57346	51.841	ug/l	99
38) Carbon Tetrachloride	7.90	117	89986	50.055	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	146341	50.797	ug/l	98
40) Benzene	8.16	78	320571	49.588	ug/l	100
41) Methacrylonitrile	7.32	41	29497m	54.160	ug/l	
42) 1,2-Dichloroethane	8.23	62	84514	51.265	ug/l	100
43) Isopropyl Acetate	8.27	43	109859	49.651	ug/l	98
44) Trichloroethene	8.94	130	83166	51.810	ug/l	93
45) 1,2-Dichloropropane	9.22	63	75548	48.383	ug/l	94
46) Dibromomethane	9.31	93	42642	49.104	ug/l	98
47) Bromodichloromethane	9.49	83	100512	50.551	ug/l	98
48) Methyl methacrylate	9.29	41	49491	52.342	ug/l	96
49) 1,4-Dioxane	9.30	88	13496	984.433	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	285142	252.901	ug/l	100
52) Toluene	10.24	92	202380	50.661	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	110336	50.889	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	126804	50.444	ug/l	92
55) 1,1,2-Trichloroethane	10.65	97	61893	49.770	ug/l	97
56) Ethyl methacrylate	10.51	69	92055	52.552	ug/l	99
57) 1,3-Dichloropropane	10.79	76	107634	49.785	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	220046	254.443	ug/l	100
59) 2-Hexanone	10.83	43	209774	265.619	ug/l	99
60) Dibromochloromethane	10.98	129	68364	52.600	ug/l	97
61) 1,2-Dibromoethane	11.09	107	58589	50.130	ug/l	97
64) Tetrachloroethene	10.71	164	76688	50.096	ug/l	95
65) Chlorobenzene	11.51	112	208677	51.114	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	66986	51.064	ug/l	99
67) Ethyl Benzene	11.59	91	379775	51.176	ug/l	100
68) m/p-Xylenes	11.70	106	292324	102.150	ug/l	99
69) o-Xylene	12.02	106	140298	51.285	ug/l	99
70) Styrene	12.04	104	237443	51.370	ug/l	98
71) Bromoform	12.21	173	38717	52.273	ug/l #	100
73) Isopropylbenzene	12.32	105	357846	49.405	ug/l	99
74) N-amyl acetate	12.14	43	104348	51.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	73528	50.843	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	44245m	46.410	ug/l	
77) Bromobenzene	12.60	156	75764	50.022	ug/l	98
78) n-propylbenzene	12.67	91	447173	49.919	ug/l	100
79) 2-Chlorotoluene	12.75	91	240590	48.924	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	304180	50.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	29353	50.609	ug/l	94
82) 4-Chlorotoluene	12.85	91	255873	50.448	ug/l	99
83) tert-Butylbenzene	13.07	119	251950	50.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	303937	50.244	ug/l	100
85) sec-Butylbenzene	13.25	105	378340	50.972	ug/l	100
86) p-Isopropyltoluene	13.37	119	317616	50.187	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	153851	51.915	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	153961	50.897	ug/l	98
89) n-Butylbenzene	13.69	91	336904	51.898	ug/l	99
90) Hexachloroethane	13.96	117	62971	50.244	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	142771	51.067	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12539	47.172	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	93913	52.245	ug/l	96
94) Hexachlorobutadiene	15.10	225	43271	54.160	ug/l	100
95) Naphthalene	15.23	128	229737	50.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	84582	52.758	ug/l	99

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

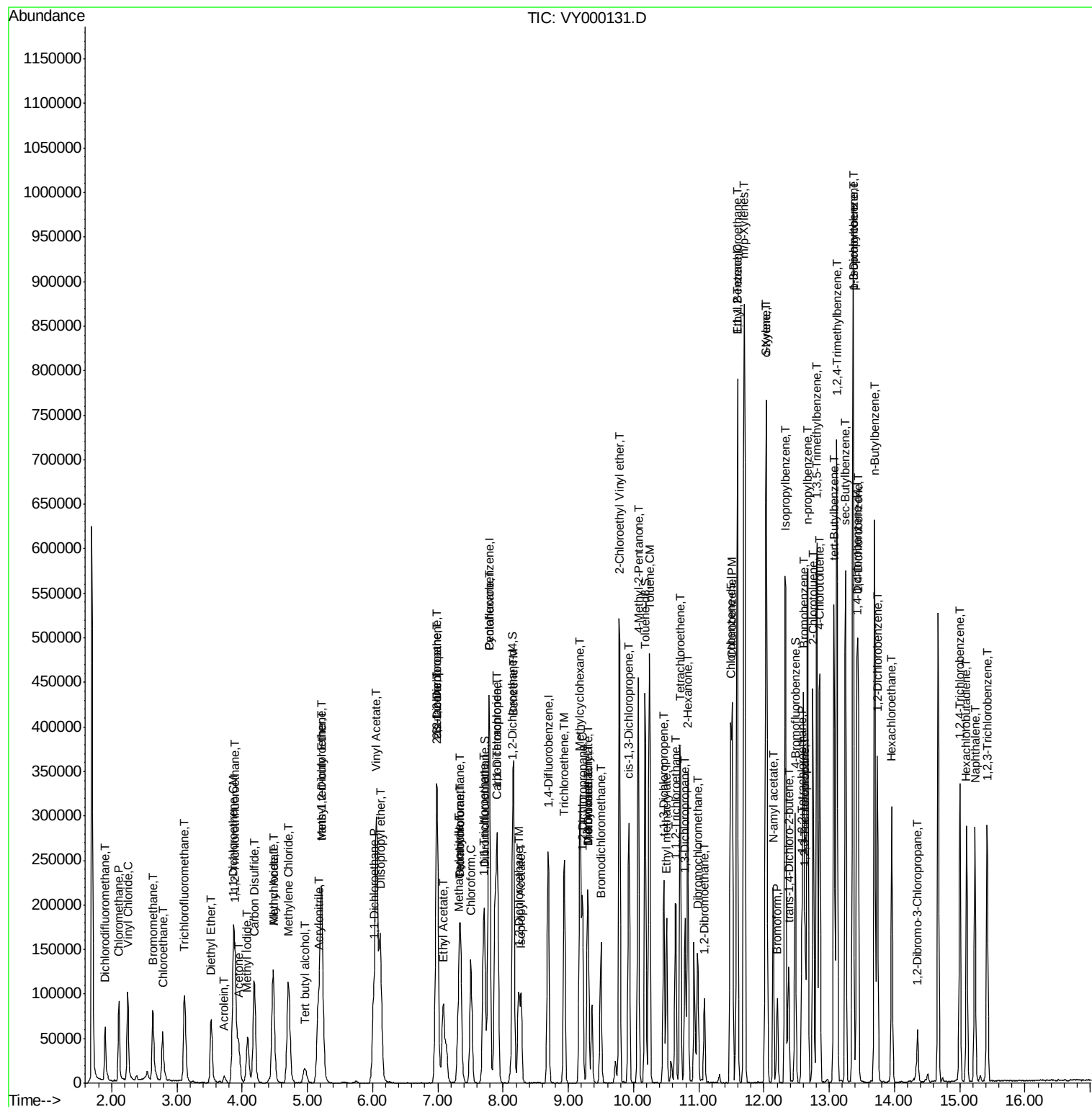
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
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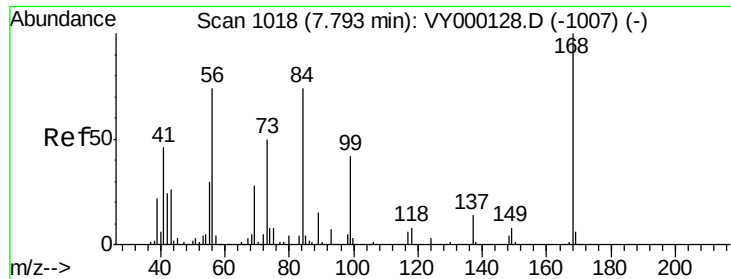
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion:168 Resp: 125974

Ion Ratio Lower Upper

168 100

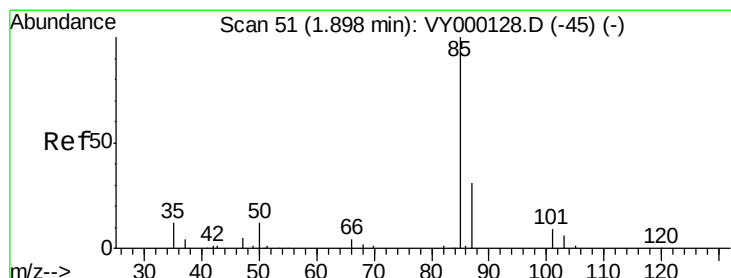
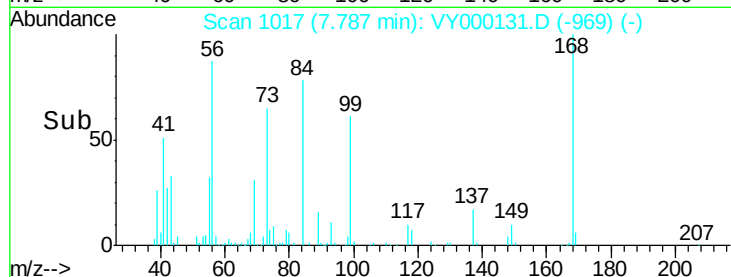
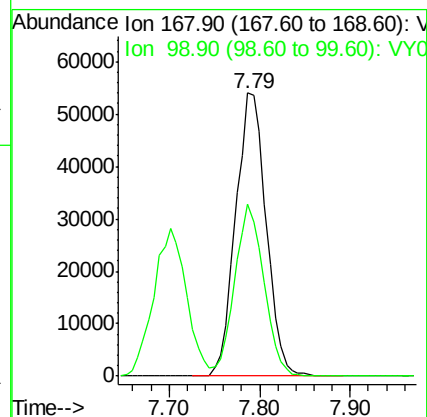
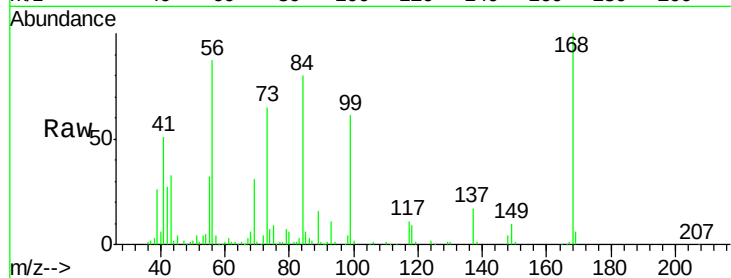
99 60.9 49.9 74.9

Manual Integrations

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9/25/2019 12:39:26 AM



#2

Dichlorodifluoromethane

Concen: 42.686 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000131.D

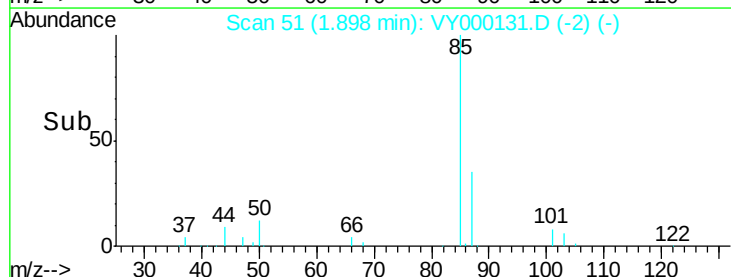
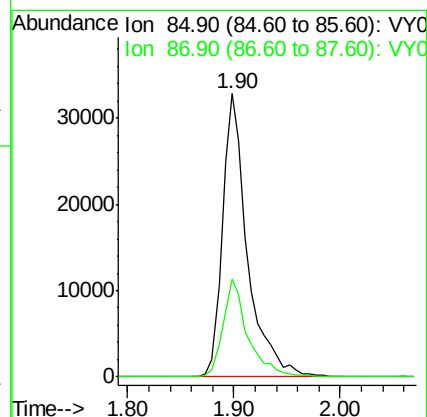
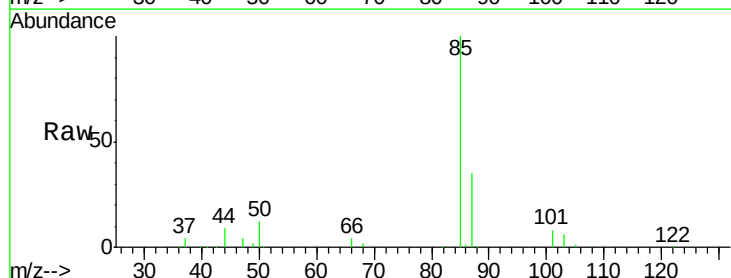
Acq: 23 Sep 2019 13:32

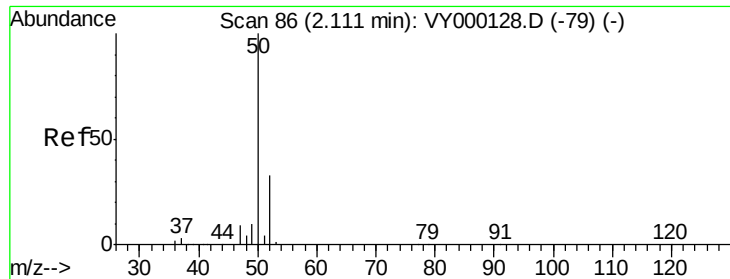
Tgt Ion: 85 Resp: 53344

Ion Ratio Lower Upper

85 100

87 34.7 15.4 46.4





#3

Chloromethane

Concen: 49.077 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY092319

Tot Ion: 50 Resp: 89197

Ion Ratio Lower Upper

50 100

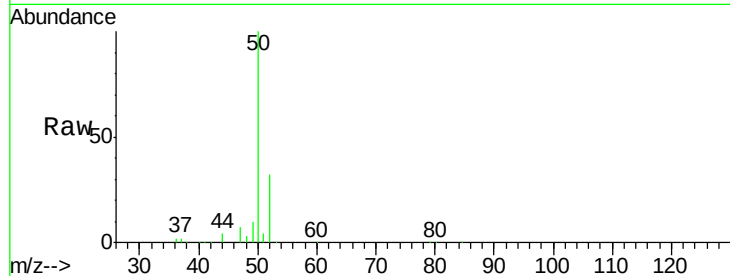
52 32.1 26.2 39.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

60000

50000

40000

30000

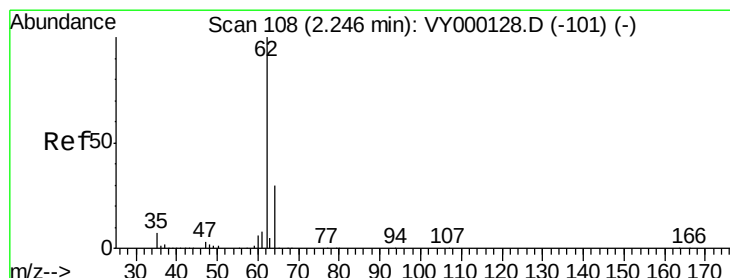
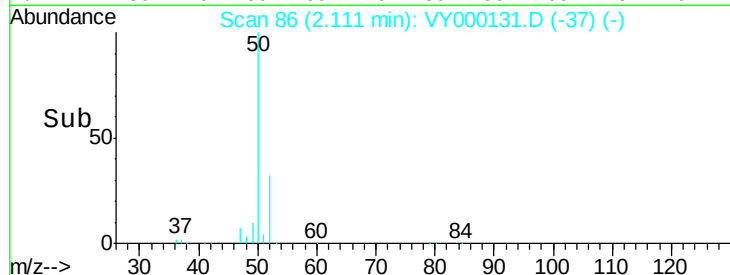
20000

10000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 47.758 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000131.D

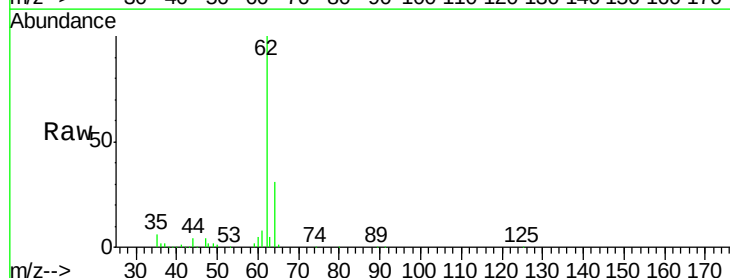
Acq: 23 Sep 2019 13:32

Tgt Ion: 62 Resp: 92498

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

60000

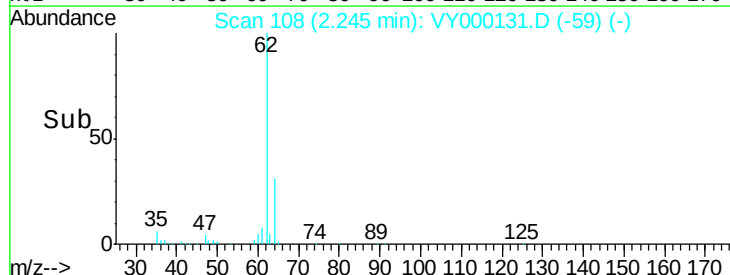
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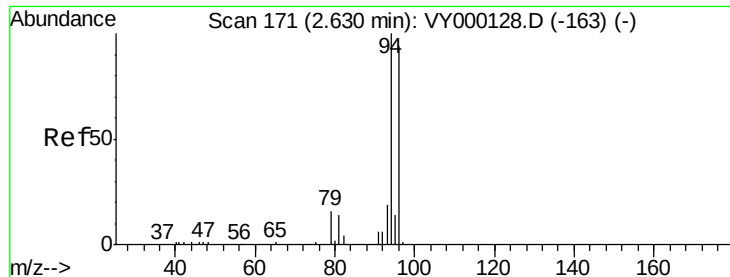
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 50.092 ug/l

RT: 2.63 min Scan# 171

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

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ClientSampleId :

ICVY092319

Tot Ion: 94 Resp: 60095

Ion Ratio Lower Upper

94 100

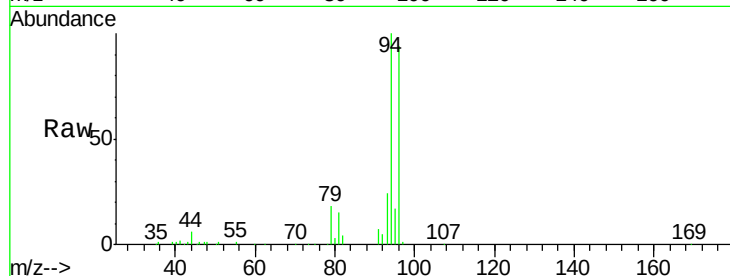
96 93.9 75.1 112.7

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9/25/2019 12:39:26 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

30000

25000

20000

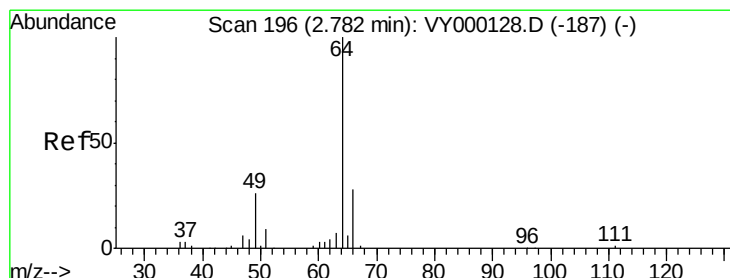
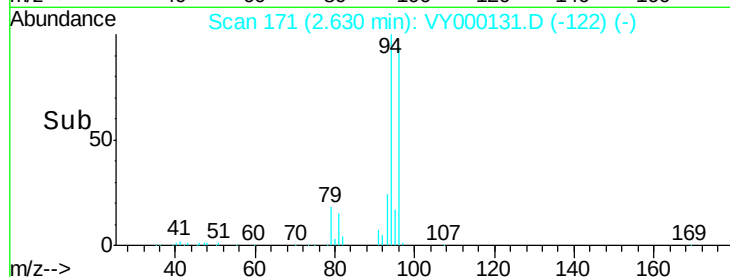
15000

10000

5000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 47.786 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000131.D

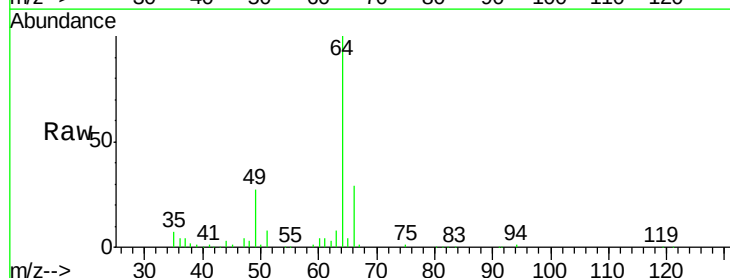
Acq: 23 Sep 2019 13:32

Tgt Ion: 64 Resp: 57177

Ion Ratio Lower Upper

64 100

66 29.3 22.4 33.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.78

30000

25000

20000

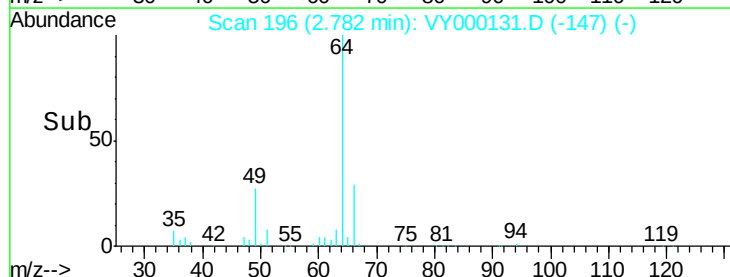
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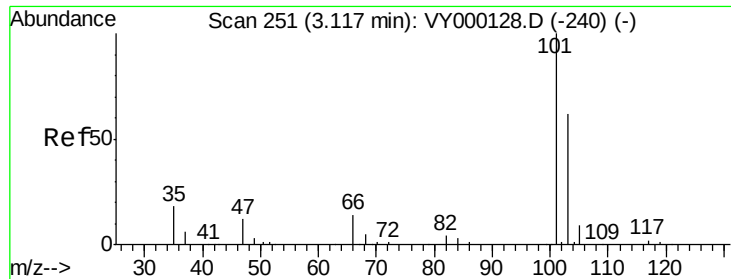
10000

5000

0

Time--> 2.70 2.80 2.90





#7

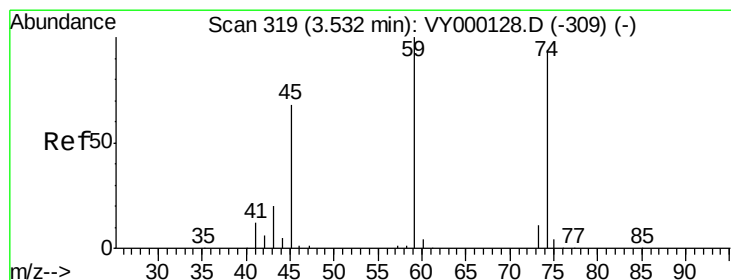
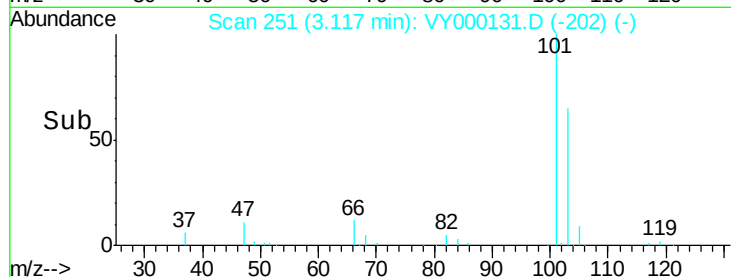
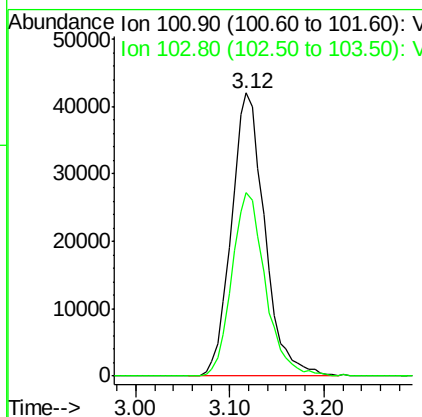
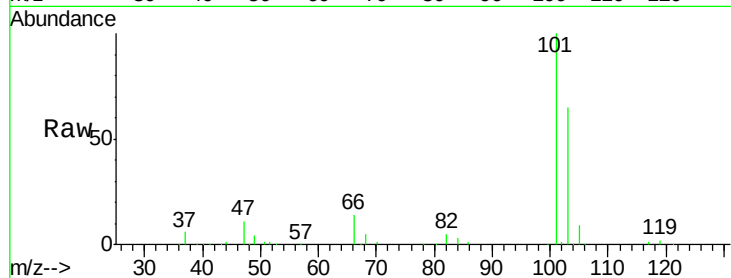
Trichlorofluoromethane
 Concen: 46.840 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	49.9	74.9

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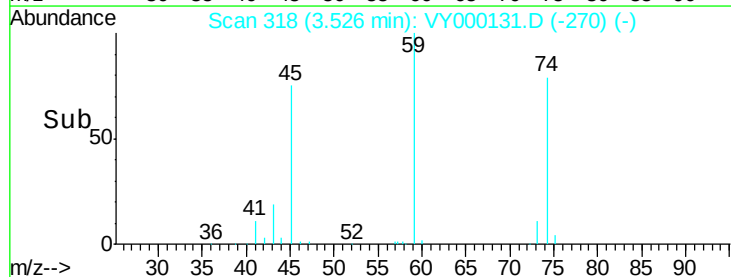
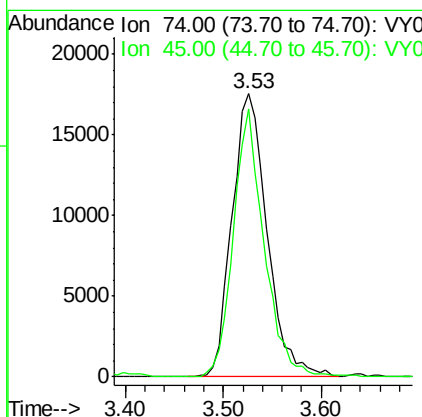
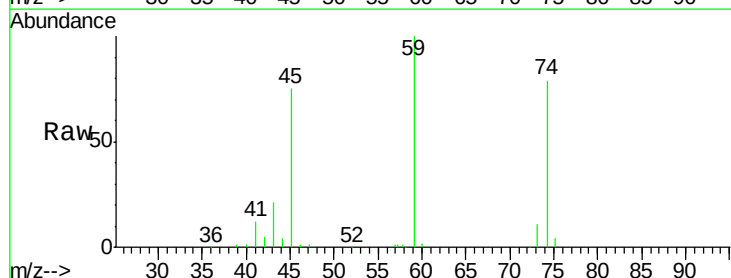
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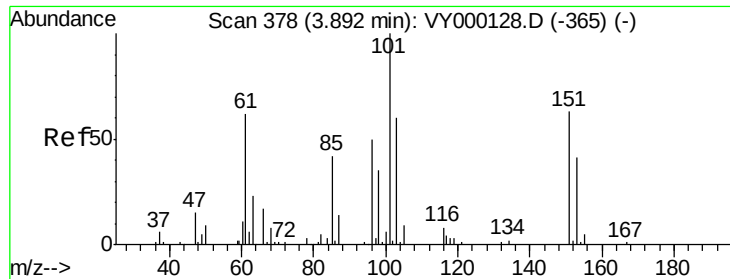


#8

Diethyl Ether
 Concen: 46.098 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.01 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	40.1	120.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.547 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

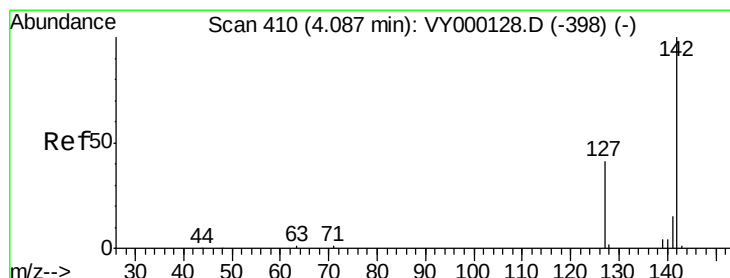
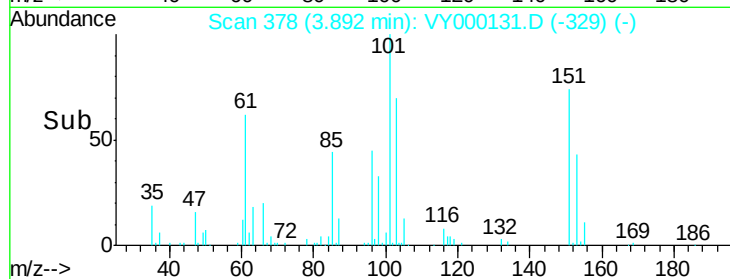
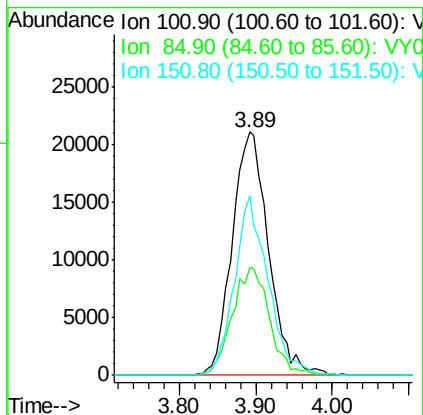
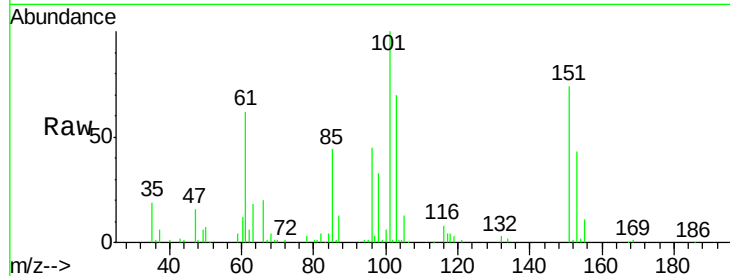
ClientSampleId :

ICVVY092319

Tot Ion:	101	Resp:	69744
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	67.8	53.9	80.9

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#10

Methyl Iodide

Concen: 48.342 ug/l

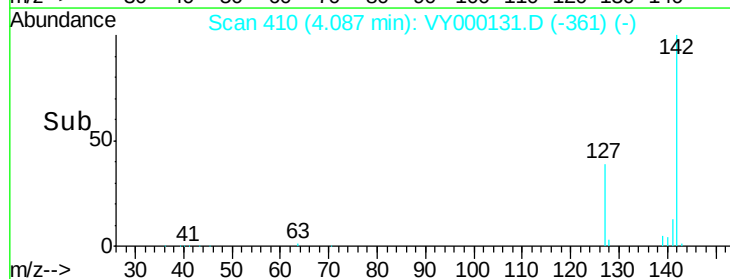
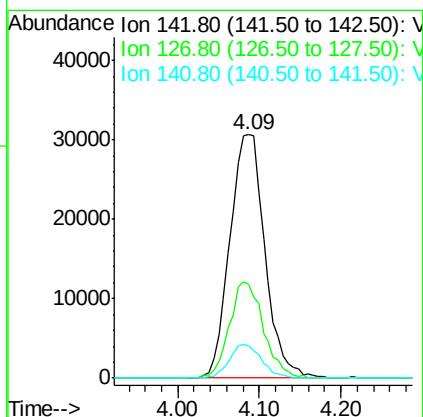
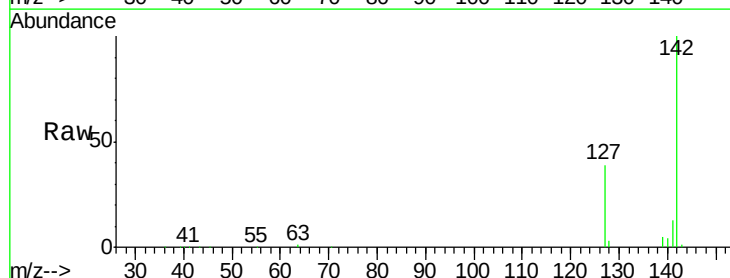
RT: 4.09 min Scan# 410

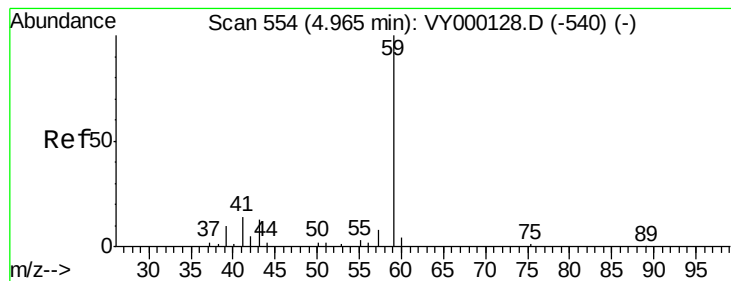
Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	142	Resp:	90970
Ion Ratio	Lower	Upper	
142	100		
127	38.2	32.8	49.2
141	12.8	10.8	16.2





#11

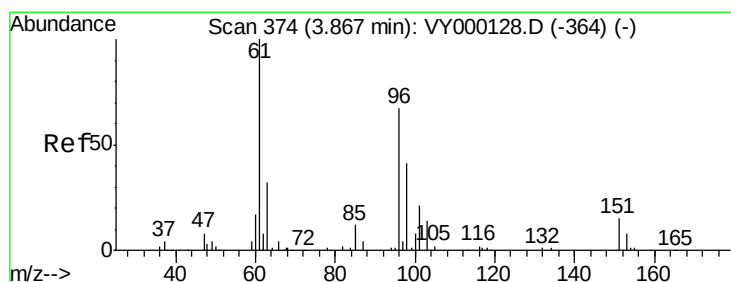
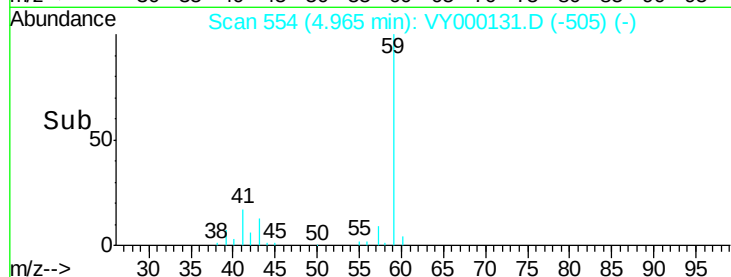
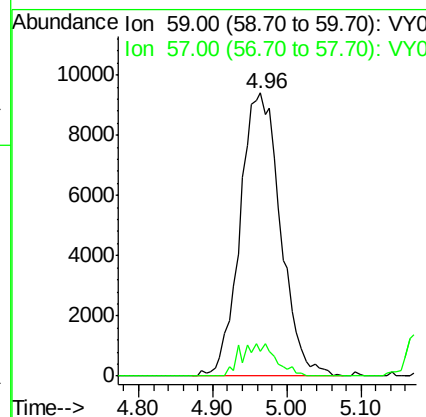
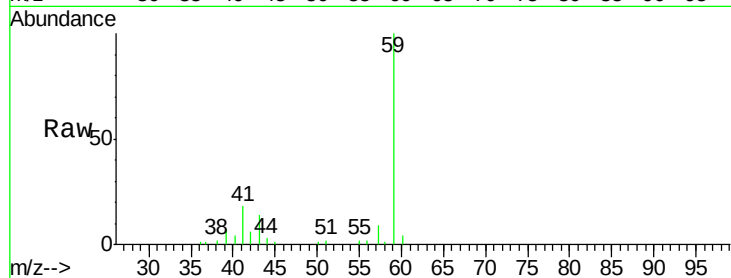
Tert butyl alcohol
Concen: 239.130 ug/l
RT: 4.96 min Scan# 554
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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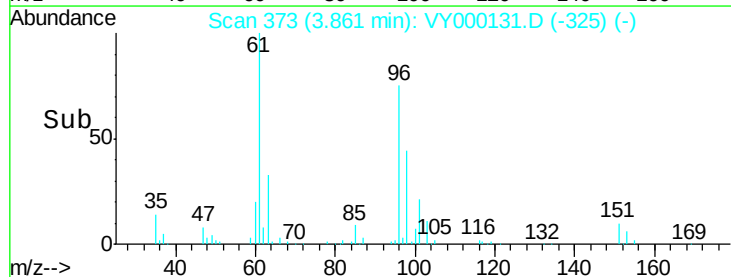
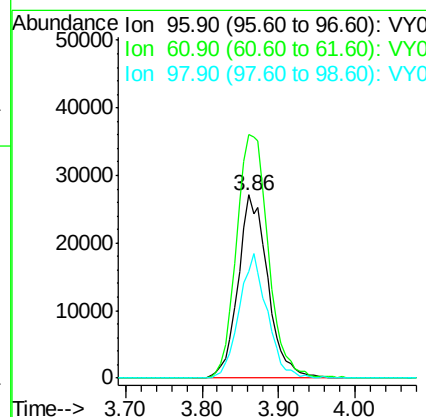
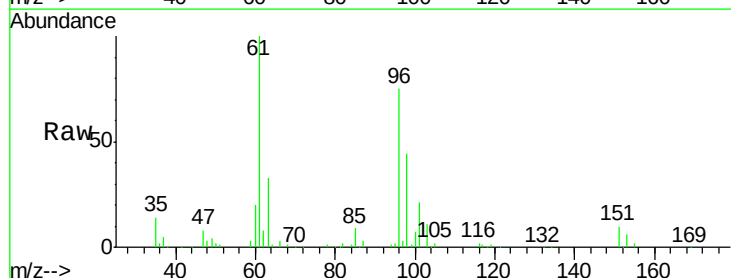
MMDadoda
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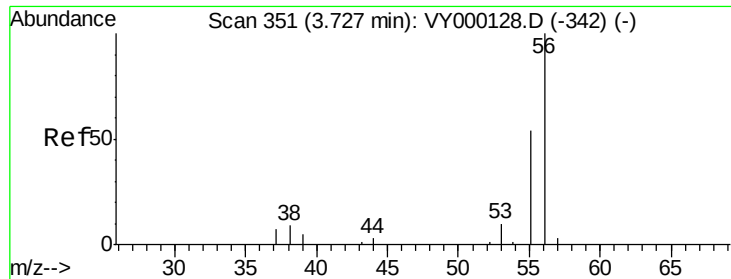


#12

1,1-Dichloroethene
Concen: 48.317 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.0	119.8	179.6
98	58.0	48.8	73.2





#13

Acrolein

Concen: 148.361 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion: 56 Resp: 9012

Ion Ratio Lower Upper

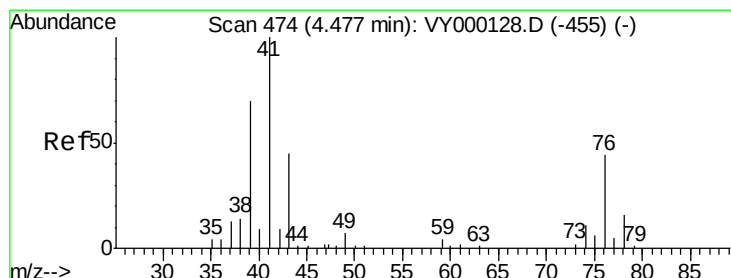
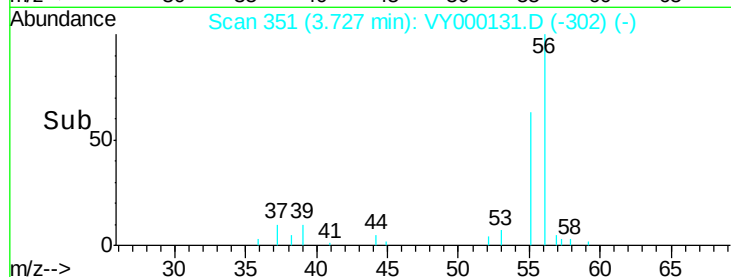
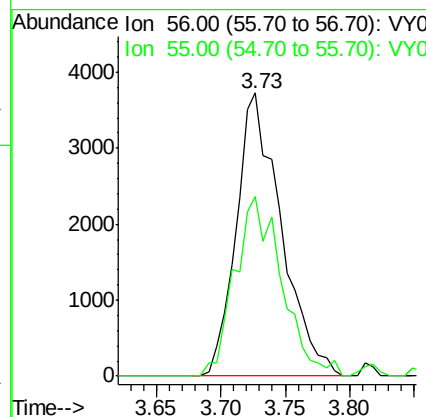
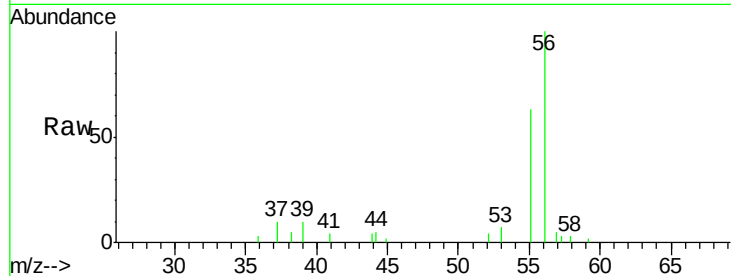
56 100

55 66.5 49.4 74.0

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#14

Allyl chloride

Concen: 49.086 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

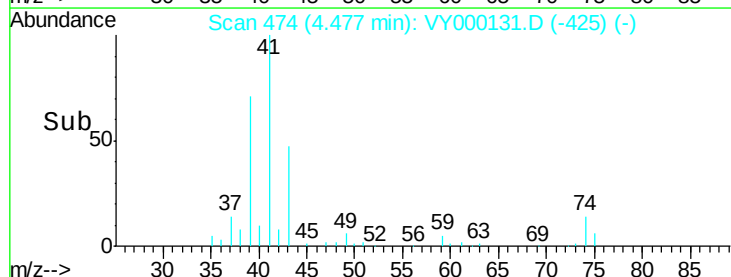
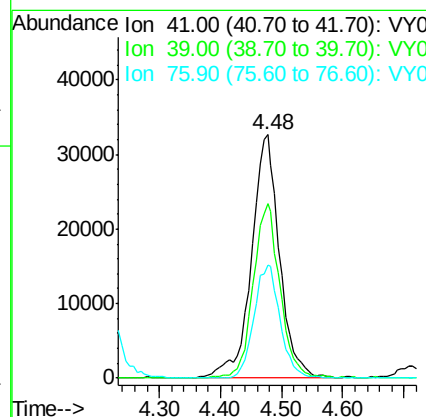
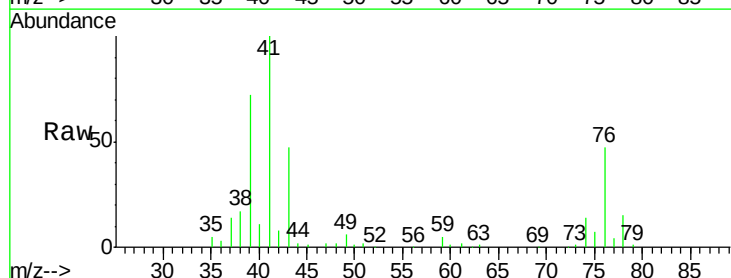
Tgt Ion: 41 Resp: 104973

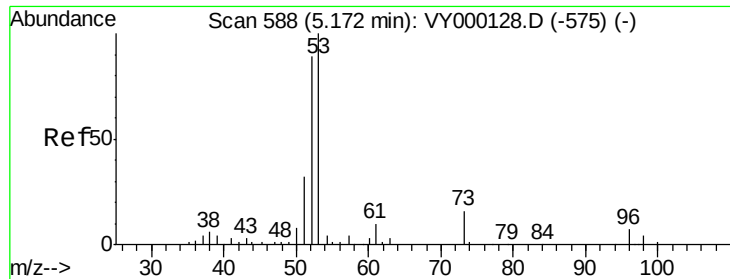
Ion Ratio Lower Upper

41 100

39 68.6 52.7 79.1

76 43.2 36.6 55.0





#15

Acrylonitrile

Concen: 230.034 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

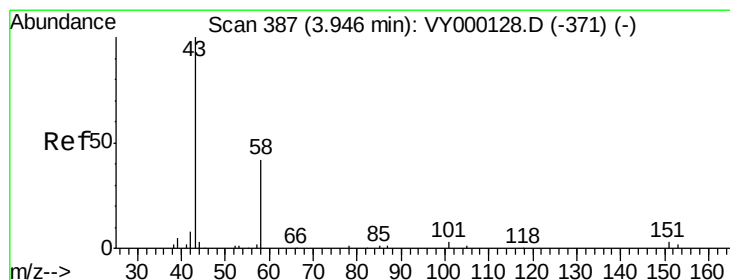
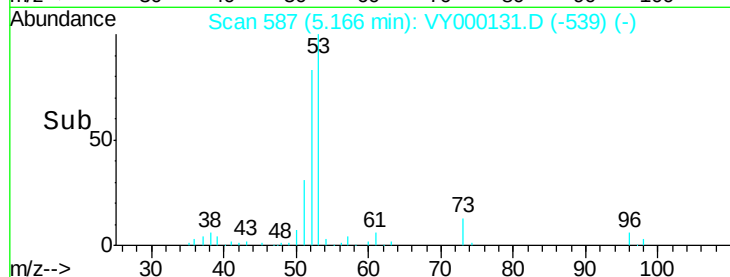
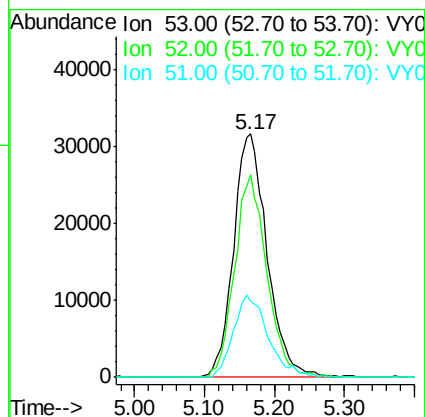
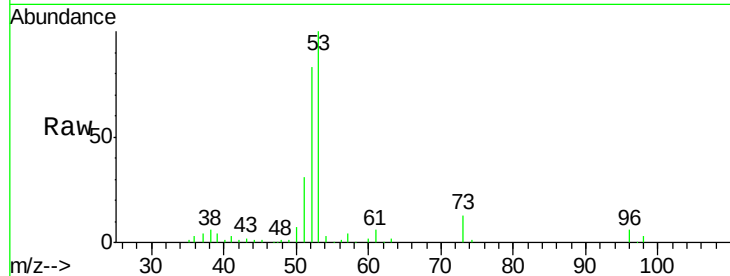
ClientSampleId :

ICVY092319

Tot Ion:	53	Resp:	105745
Ion Ratio	Lower	Upper	
53	100		
52	79.6	63.8	95.8
51	34.9	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 238.932 ug/l

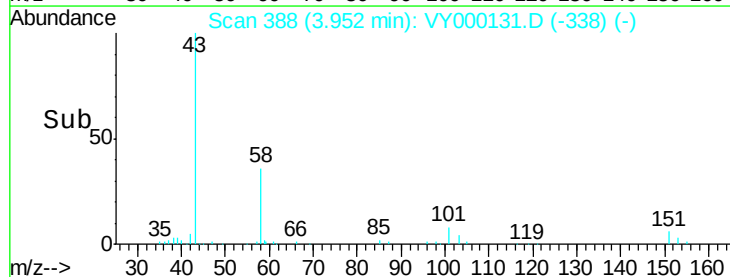
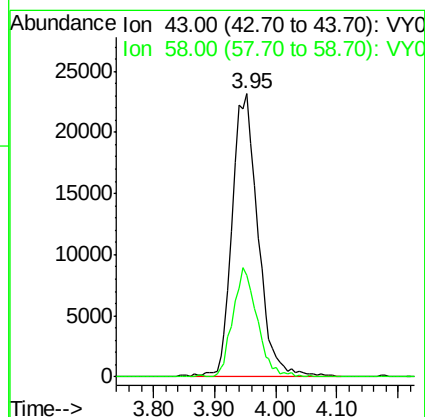
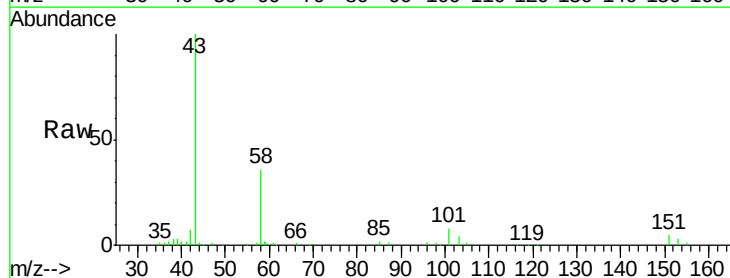
RT: 3.95 min Scan# 388

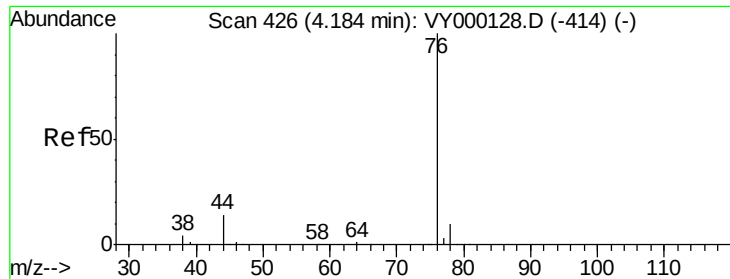
Delta R.T. 0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	43	Resp:	67260
Ion Ratio	Lower	Upper	
43	100		
58	35.8	33.5	50.3





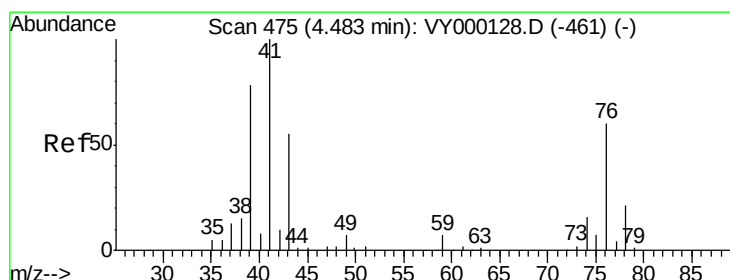
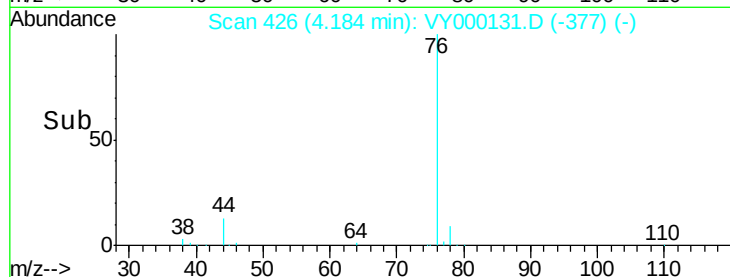
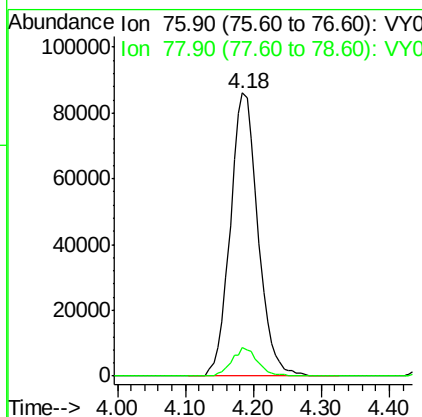
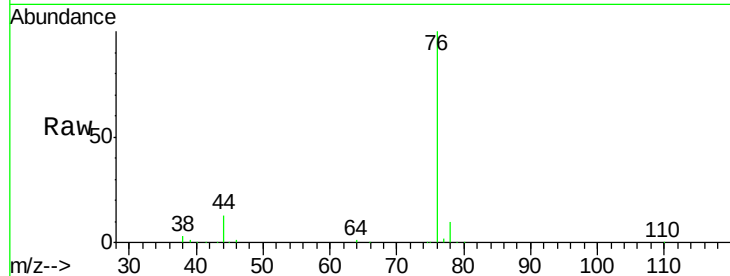
#17
Carbon Disulfide
Concen: 46.522 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.9	11.9

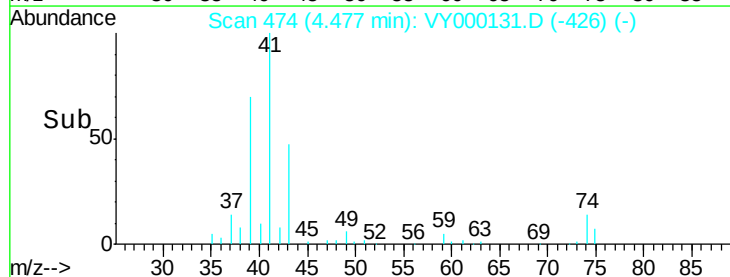
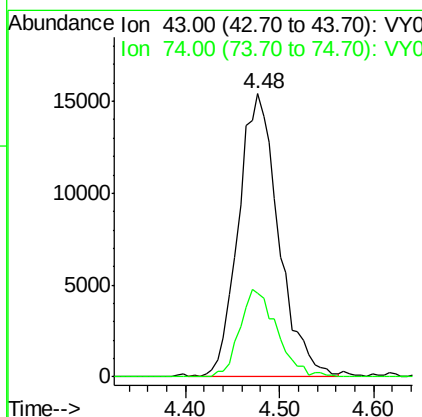
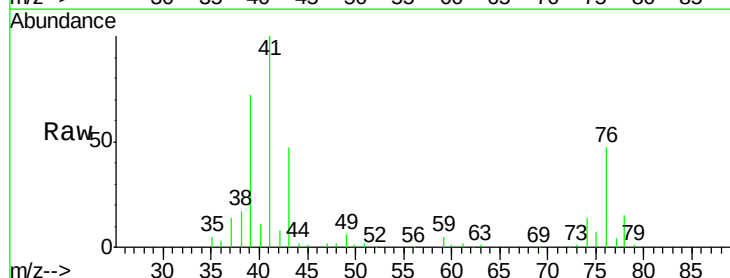
Manual Integrations
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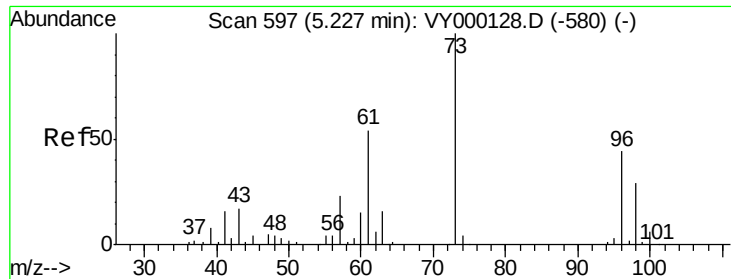
MMDadoda
9/25/2019 12:39:26 AM



#18
Methyl Acetate
Concen: 44.802 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.5	22.7	34.1





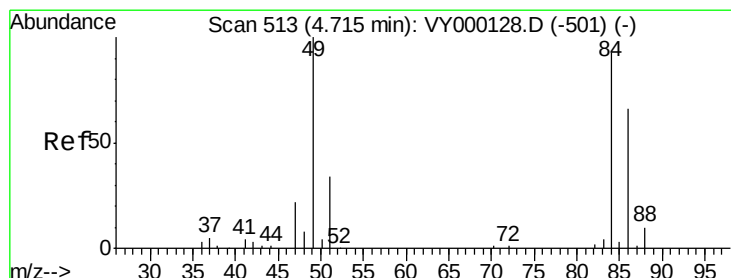
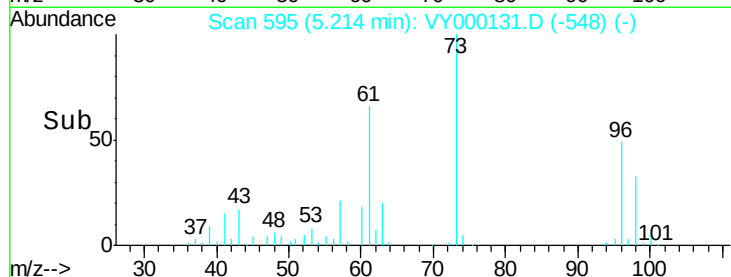
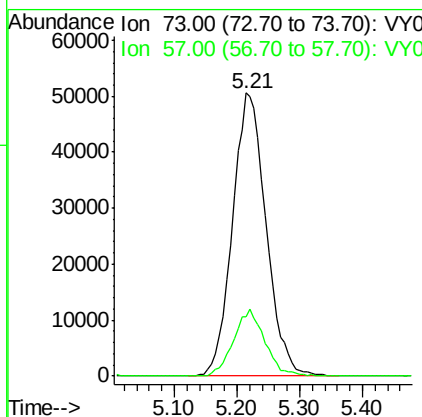
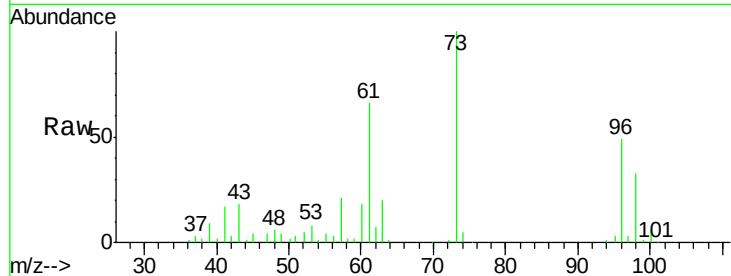
#19
Methyl tert-butyl Ether
Concen: 47.493 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092319

Tot Ion: 73 Resp: 186970
Ion Ratio Lower Upper
73 100
57 20.9 18.3 27.5

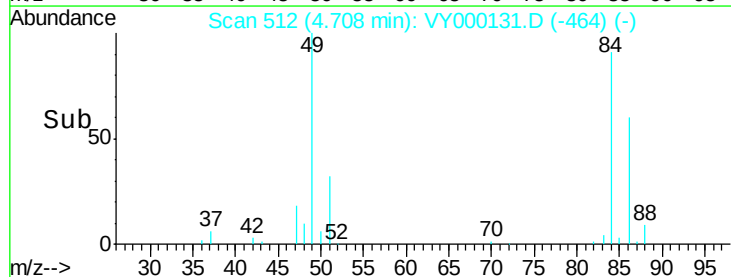
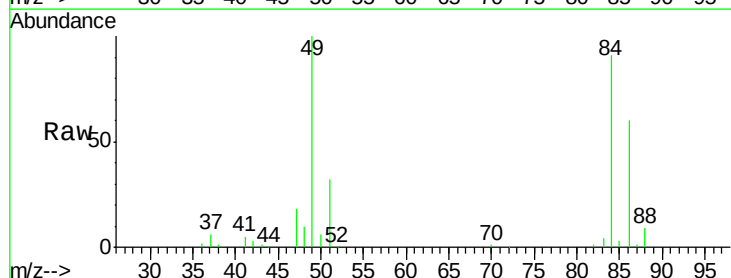
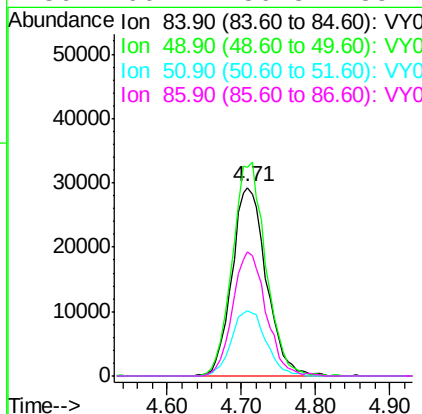
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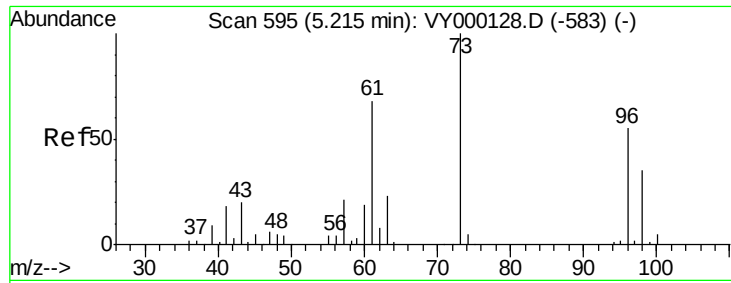
MMDadoda
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#20
Methylene Chloride
Concen: 50.086 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion: 84 Resp: 94749
Ion Ratio Lower Upper
84 100
49 110.4 85.8 128.6
51 35.0 29.2 43.8
86 66.2 56.8 85.2





#21

trans-1,2-Dichloroethene

Concen: 47.448 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

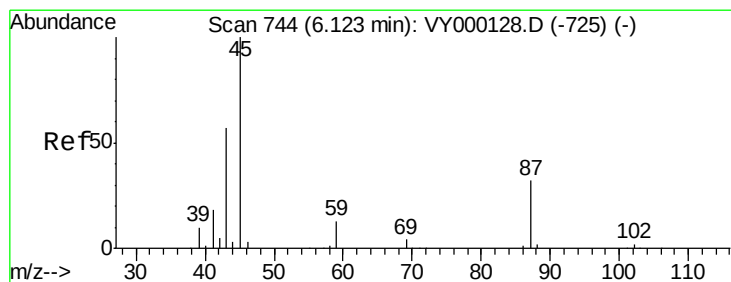
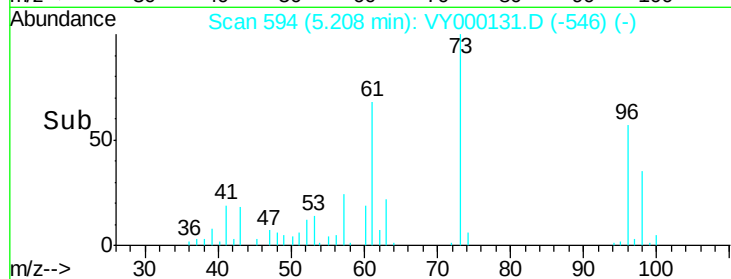
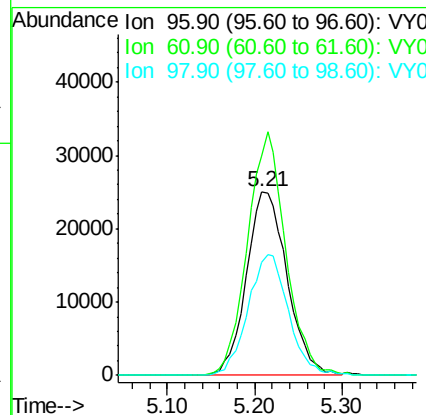
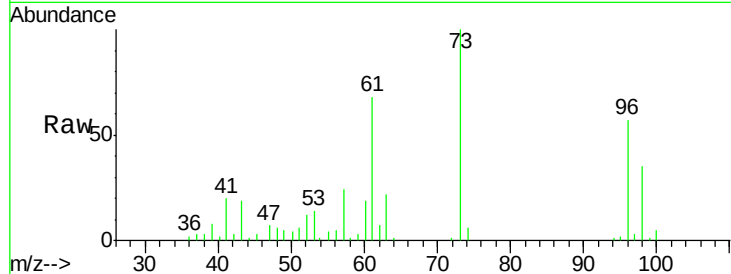
ClientSampleId :

ICVY092319

Tot Ion:	96	Resp:	81067
Ion	Ratio	Lower	Upper
96	100		
61	119.4	99.0	148.6
98	61.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 47.385 ug/l

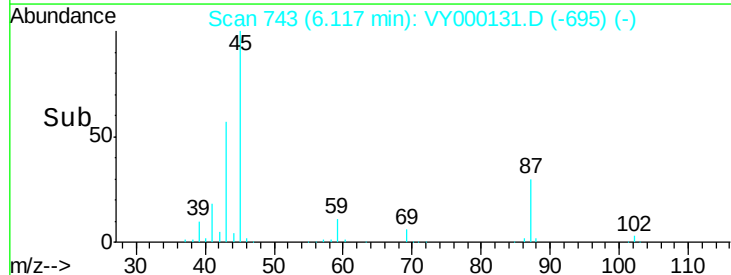
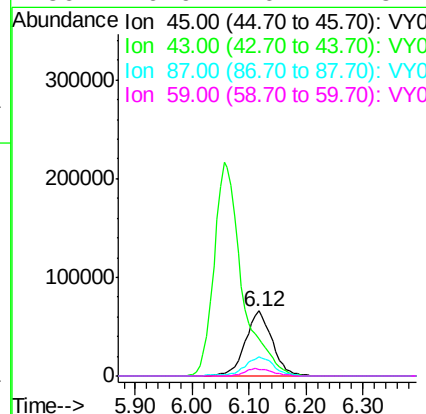
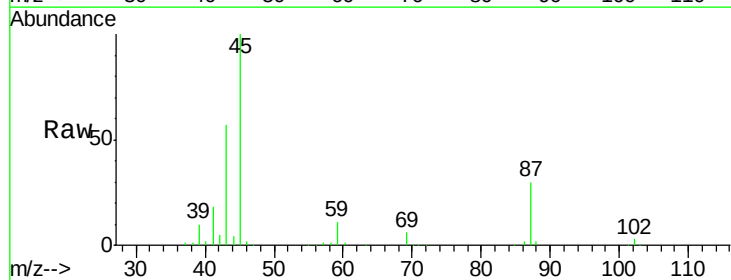
RT: 6.12 min Scan# 743

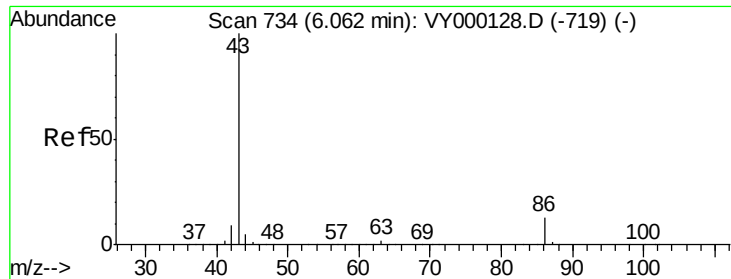
Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	45	Resp:	216055
Ion	Ratio	Lower	Upper
45	100		
43	56.4	48.2	72.4
87	29.6	25.9	38.9
59	10.9	10.2	15.2





#23

Vinyl Acetate

Concen: 241.344 ug/l

RT: 6.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY092319

Tot Ion: 43 Resp: 73352

Ion Ratio Lower Upper

43 100

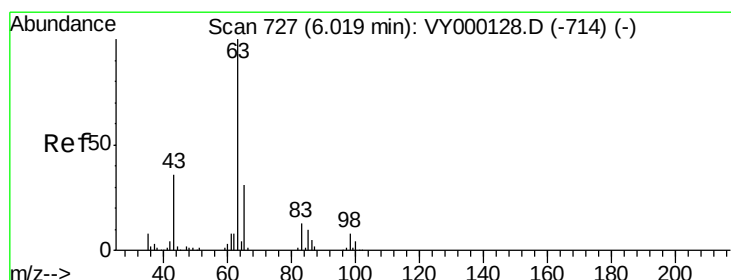
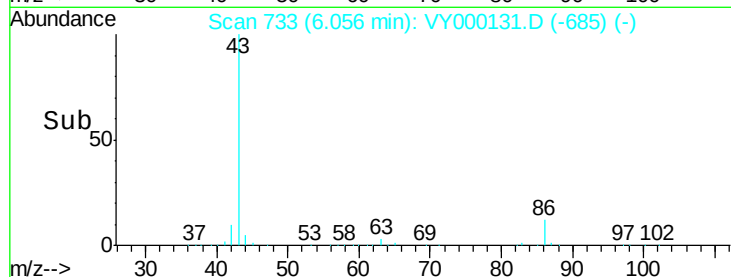
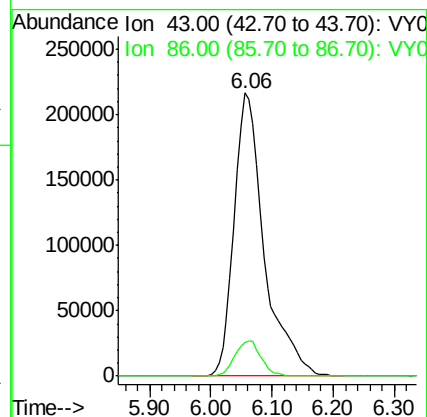
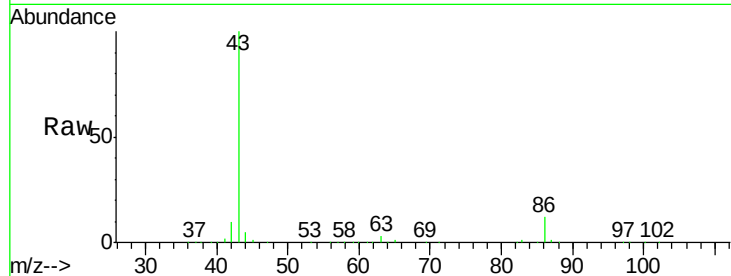
86 11.9 10.6 16.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.733 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

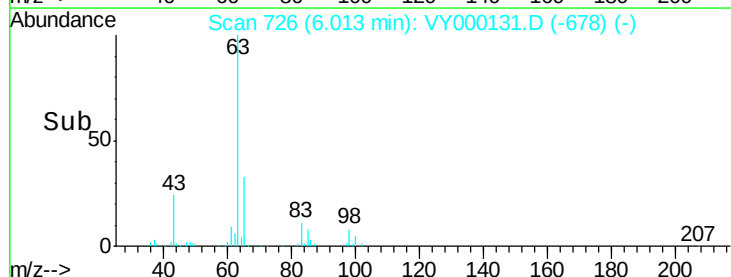
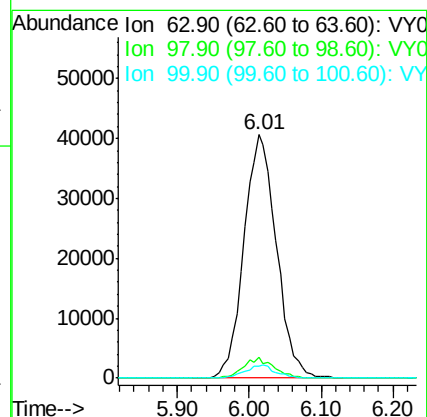
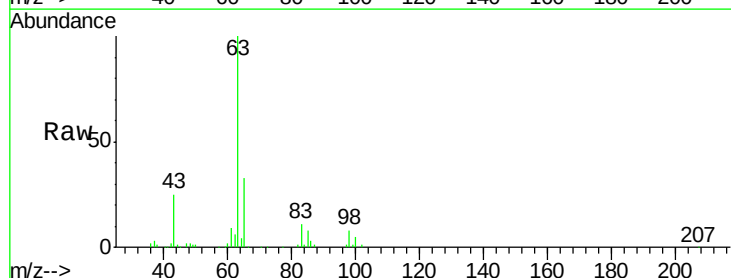
Tgt Ion: 63 Resp: 126936

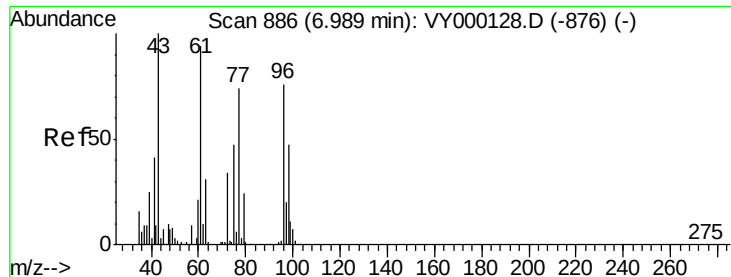
Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.7

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 234.310 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY092319

Tot Ion: 43 Resp: 122375

Ion Ratio Lower Upper

43 100

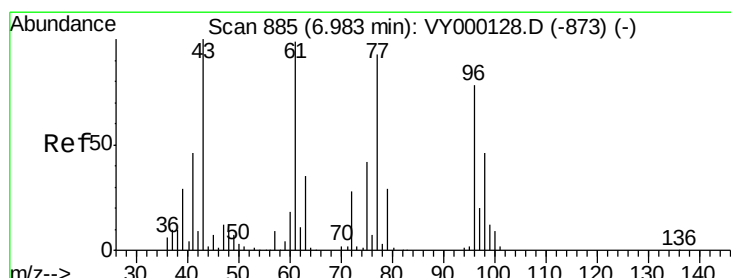
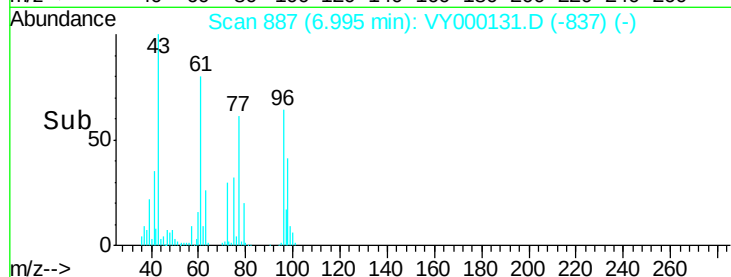
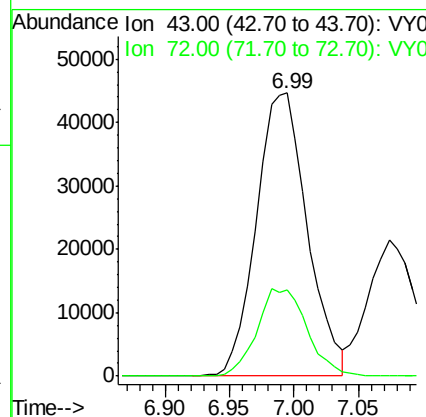
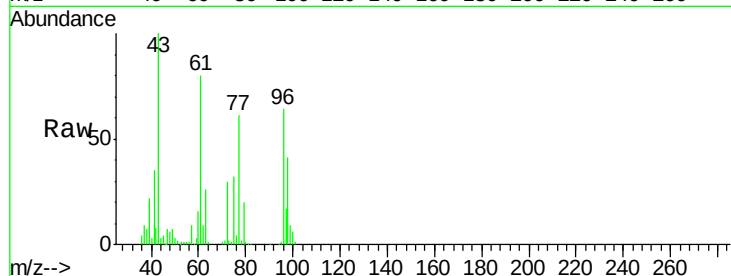
72 30.3 27.0 40.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.841 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000131.D

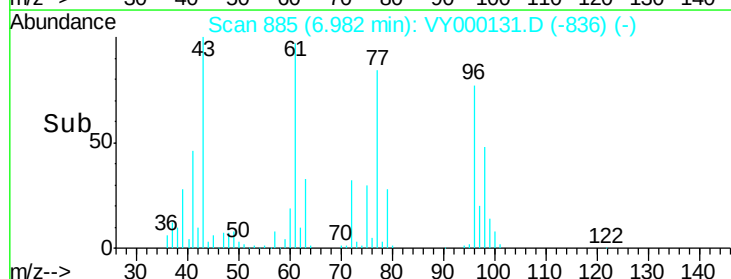
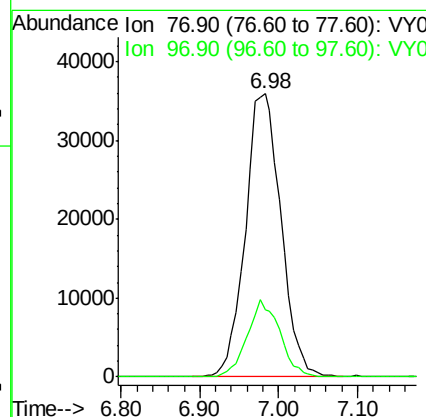
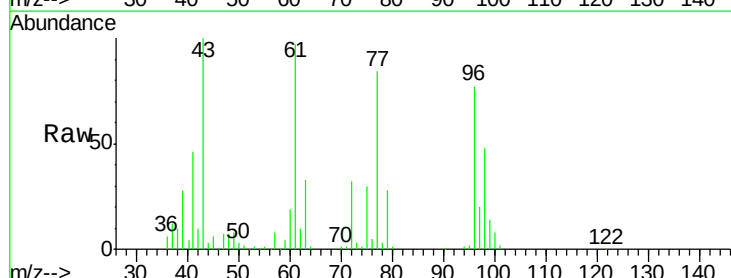
Acq: 23 Sep 2019 13:32

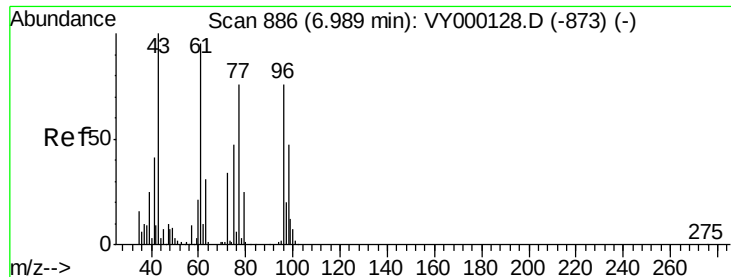
Tgt Ion: 77 Resp: 112838

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.0





#27

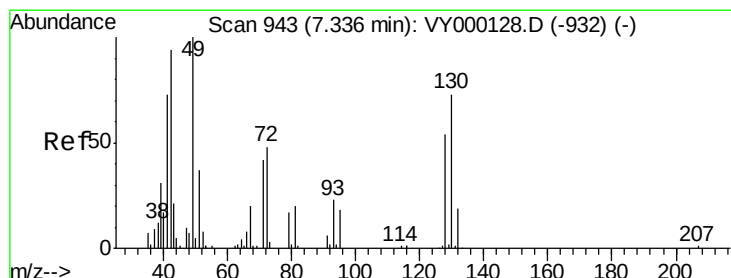
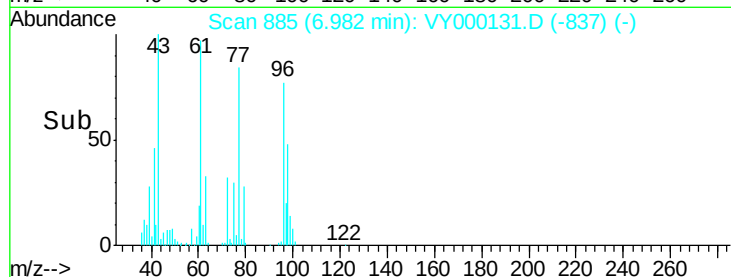
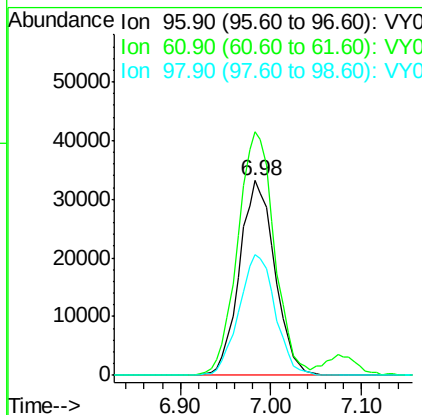
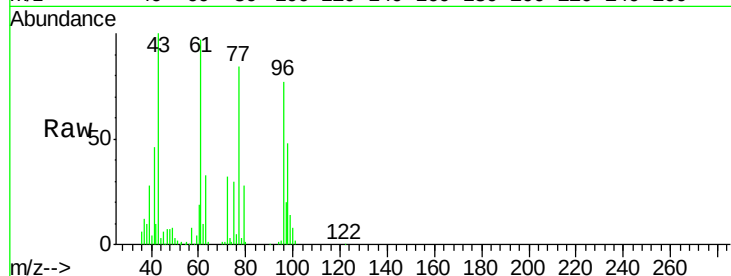
cis-1,2-Dichloroethene
Concen: 47.160 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092319

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	254.8
98	63.3	0.0	127.8

Manual Integrations
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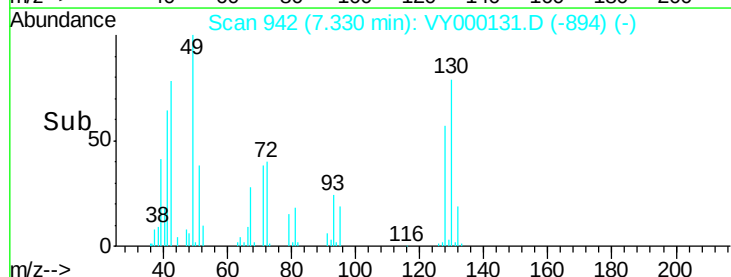
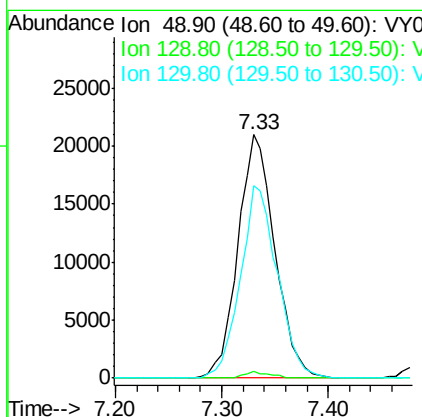
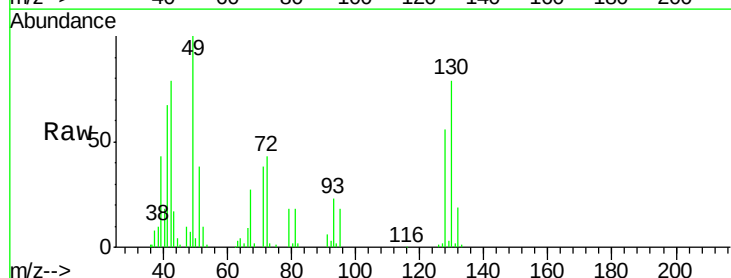
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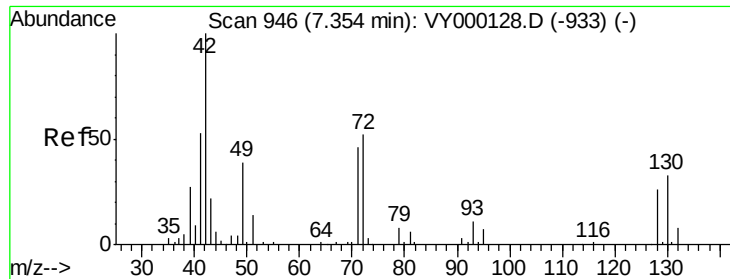


#28

Bromochloromethane
Concen: 48.098 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	79.1	62.0	93.0





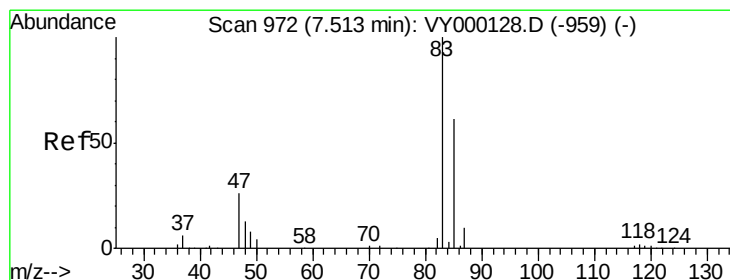
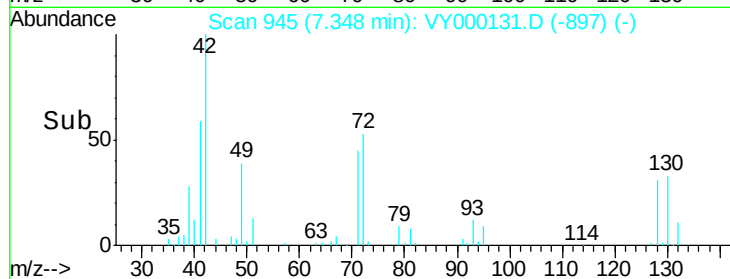
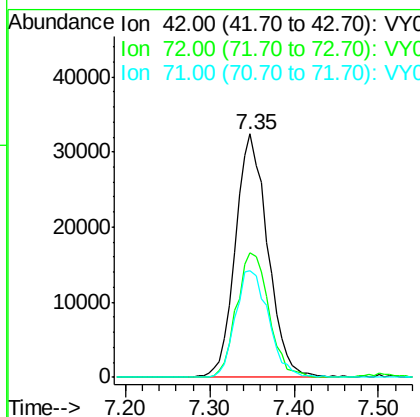
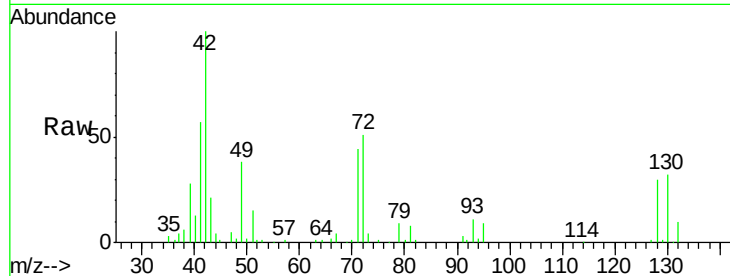
#29
Tetrahydrofuran
Concen: 237.332 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092319

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.8	62.8
71	45.0	38.6	58.0

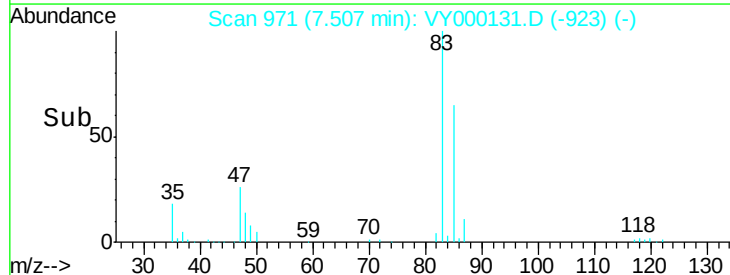
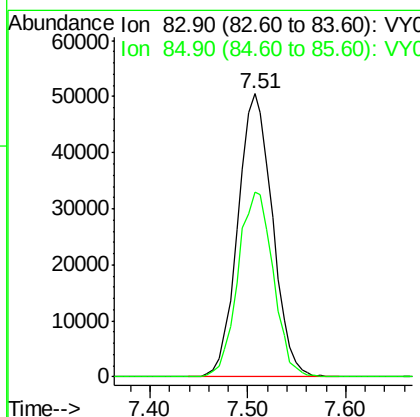
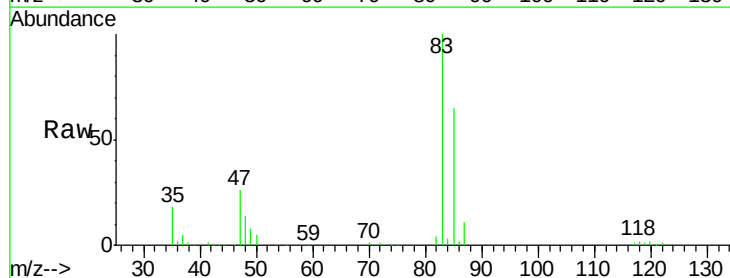
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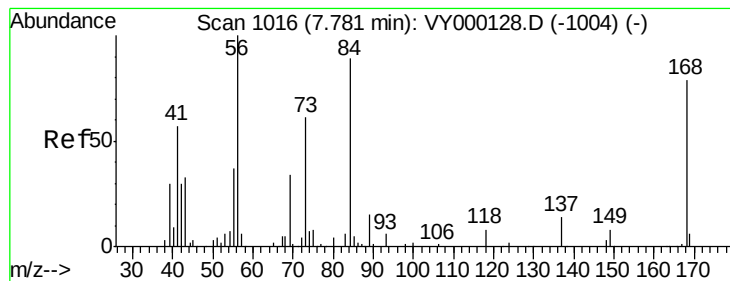
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#30
Chloroform
Concen: 45.441 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.0	73.6





#31

Cyclohexane

Concen: 45.017 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion: 56 Resp: 126792

Ion Ratio Lower Upper

56 100

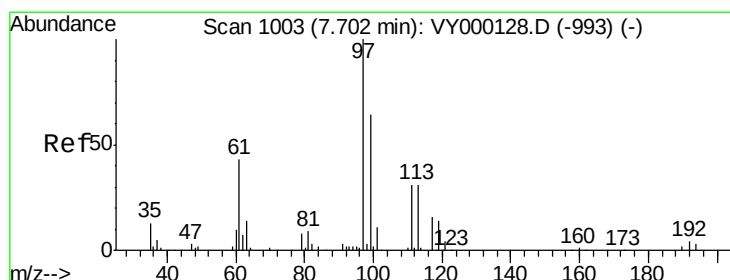
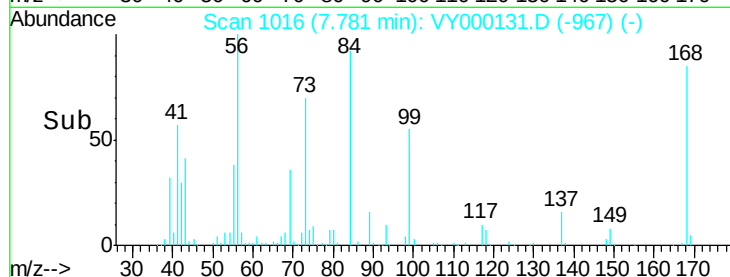
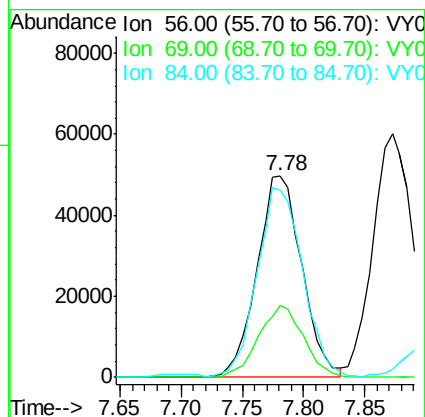
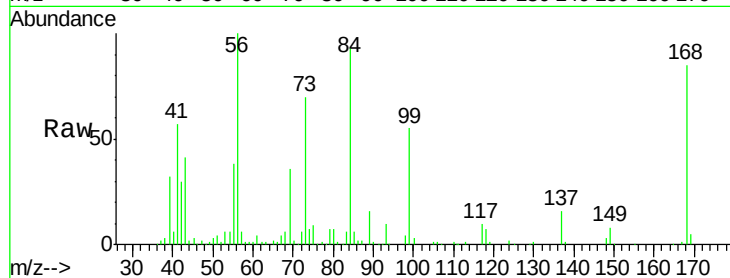
69 35.8 27.1 40.7

84 91.8 71.3 106.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.074 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

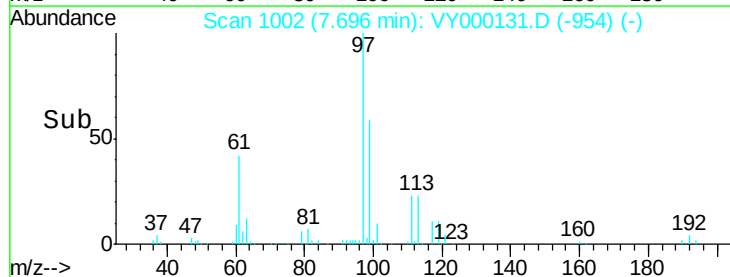
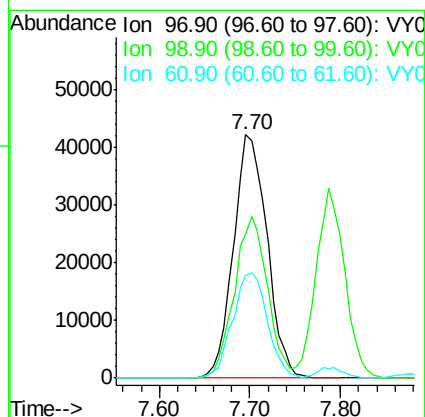
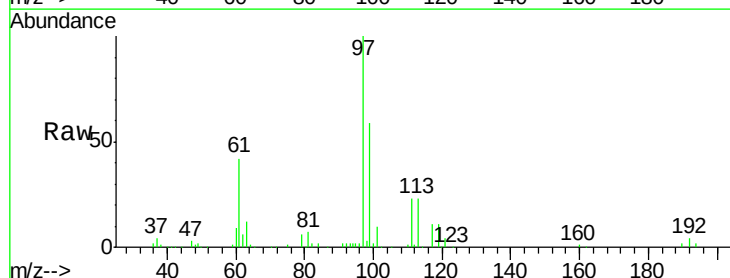
Tgt Ion: 97 Resp: 108151

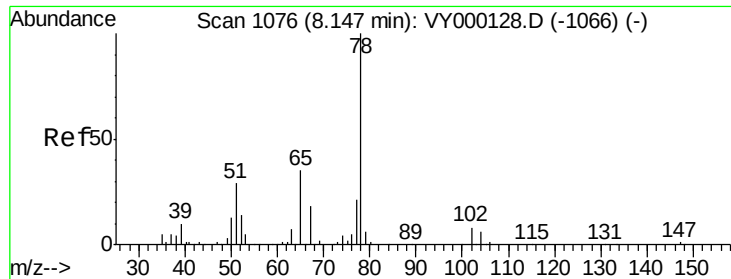
Ion Ratio Lower Upper

97 100

99 65.5 51.3 76.9

61 44.8 36.0 54.0





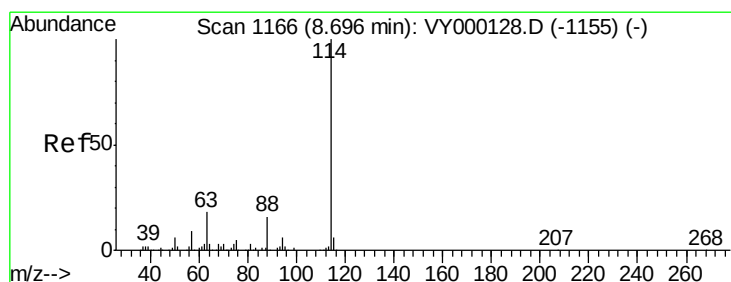
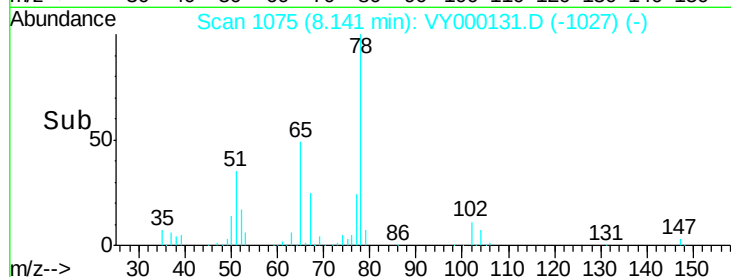
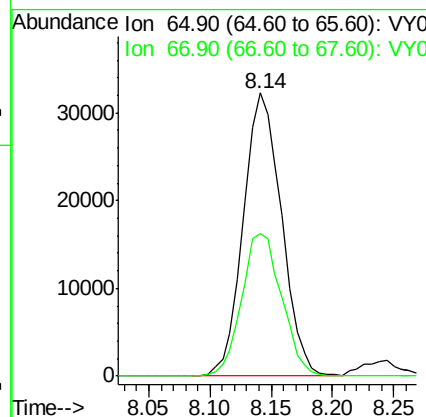
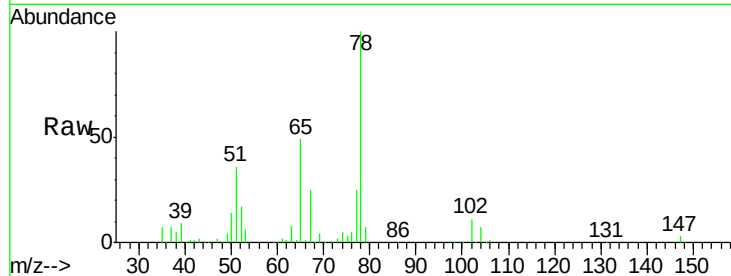
#33
 1,2-Dichloroethane-d4
 Concen: 48.327 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	69982		
67	52.6	0.0	109.6	

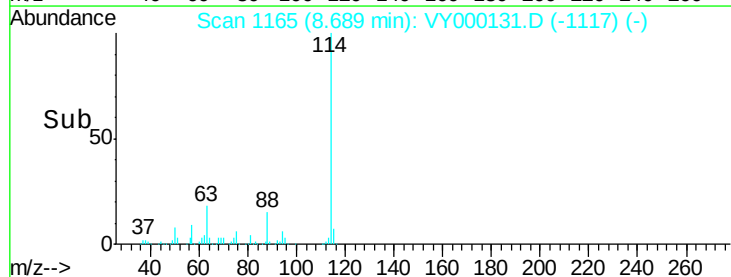
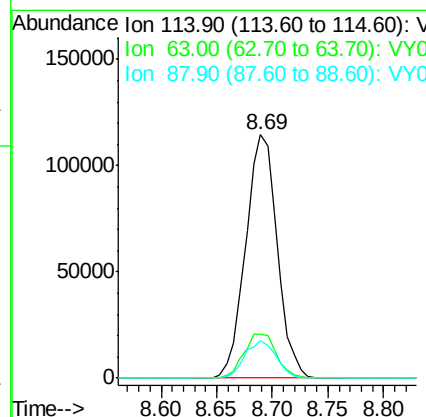
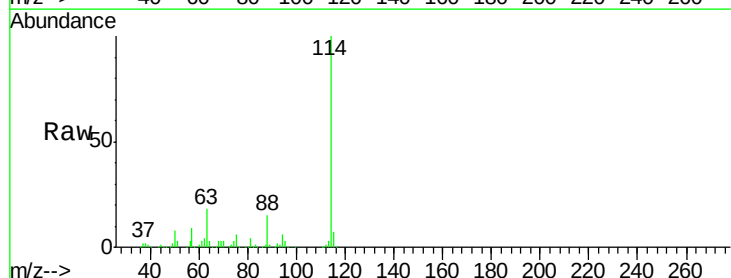
Manual Integrations
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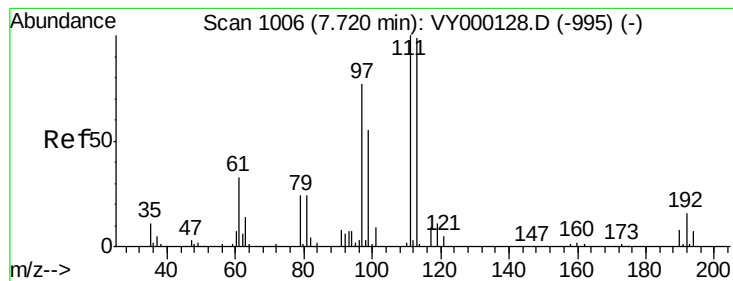
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	226223		
63	18.0	0.0	35.6	
88	15.5	0.0	31.8	





#35

Dibromofluoromethane

Concen: 51.142 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

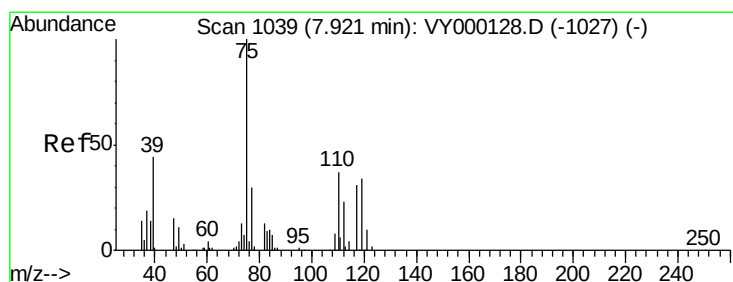
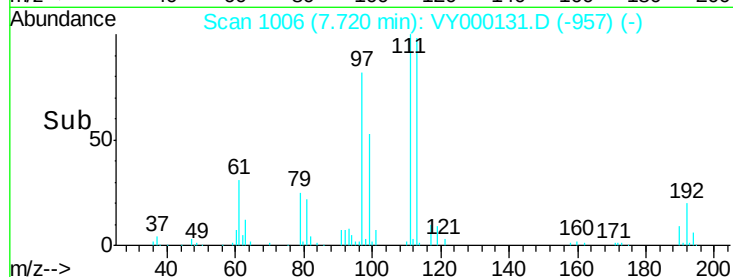
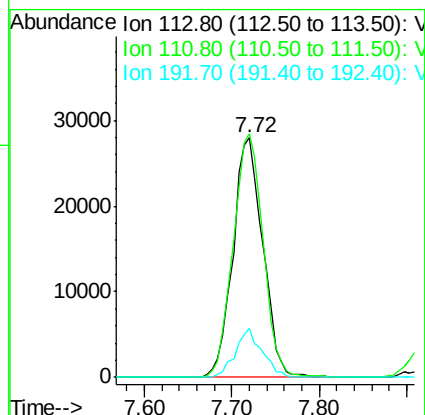
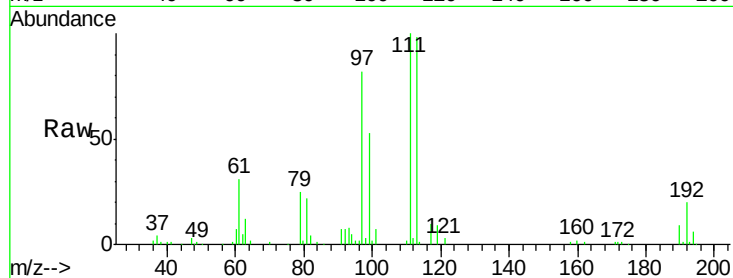
ClientSampleId :

ICVY092319

Tot Ion:	113	Resp:	66431
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	18.3	13.5	20.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.610 ug/l

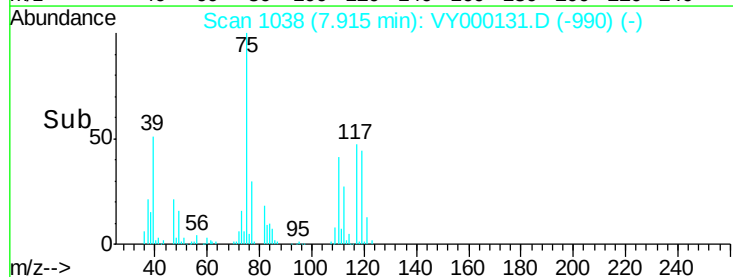
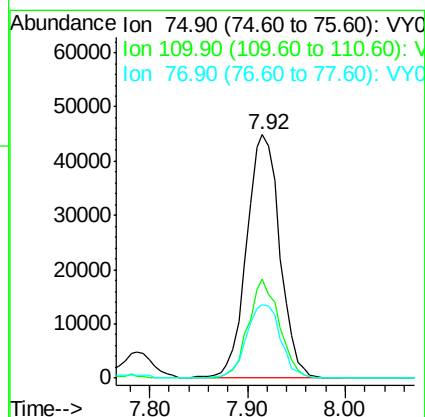
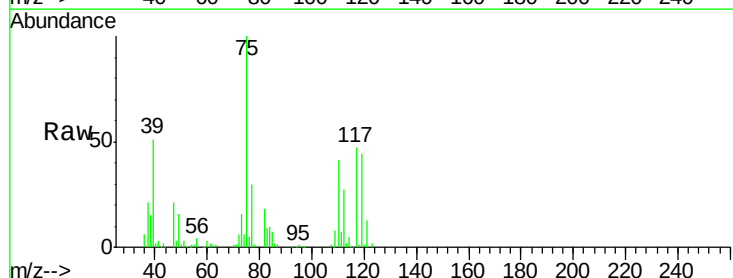
RT: 7.92 min Scan# 1038

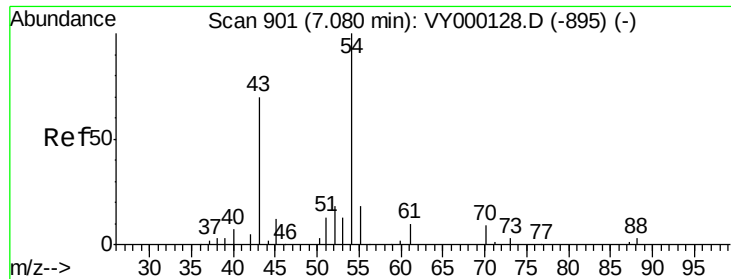
Delta R.T. -0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	75	Resp:	106009
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.1	57.3
77	31.2	24.7	37.1





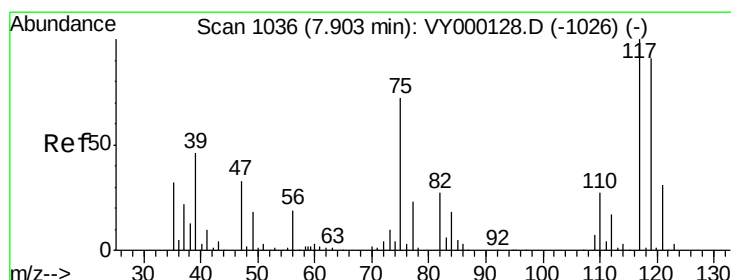
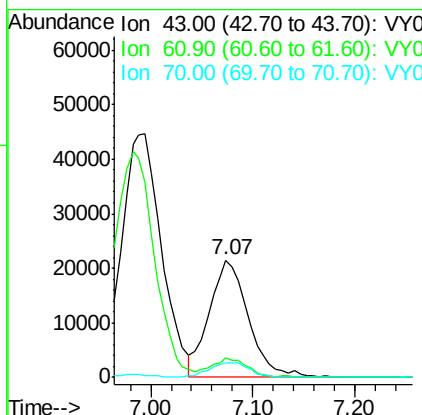
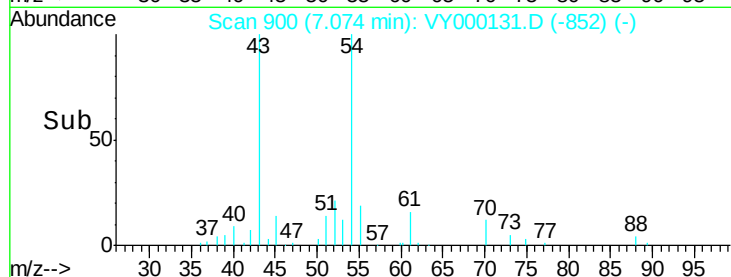
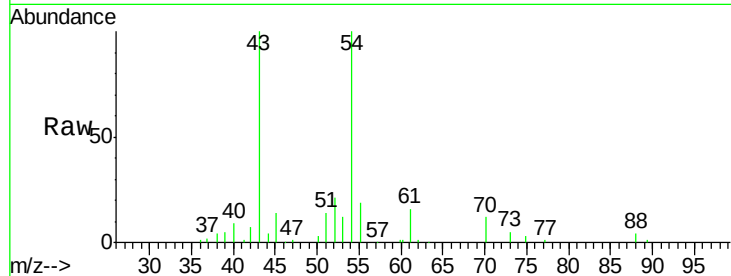
#37
Ethyl Acetate
Concen: 51.841 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	13.0	10.0	15.0

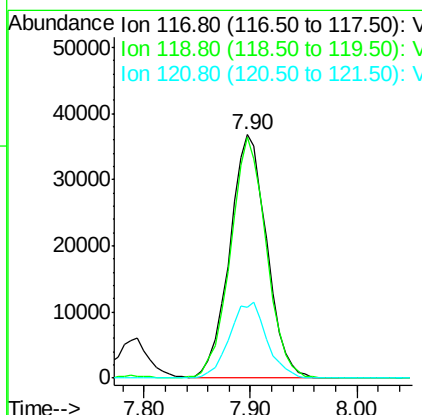
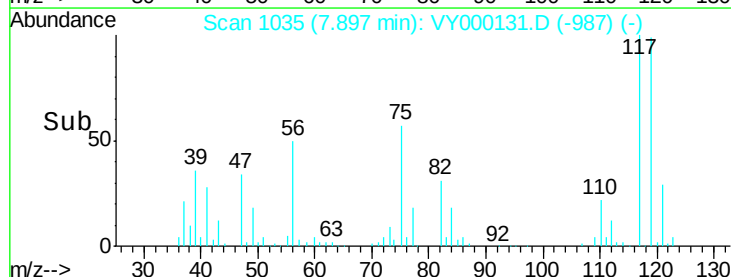
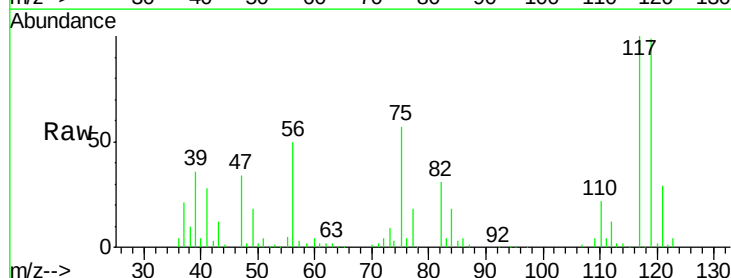
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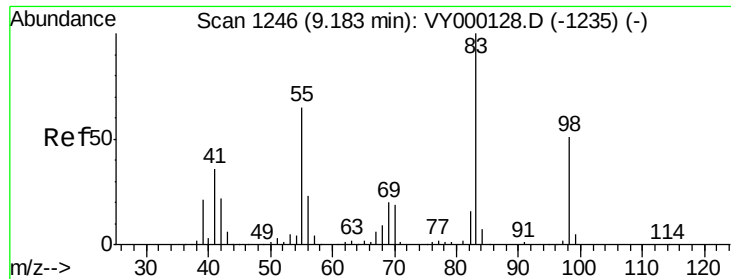
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#38
Carbon Tetrachloride
Concen: 50.055 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	72.6	108.8
121	28.9	24.3	36.5





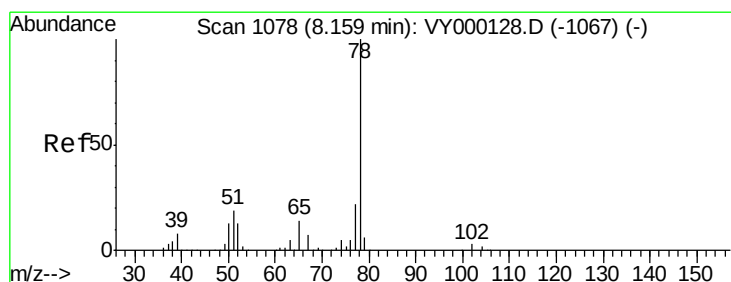
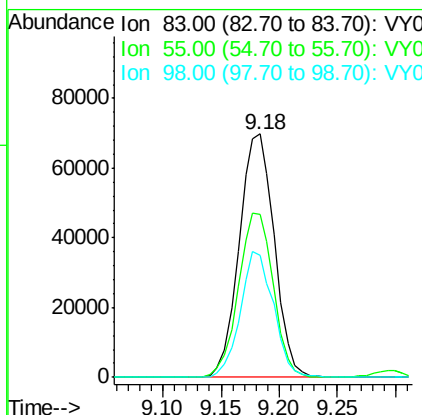
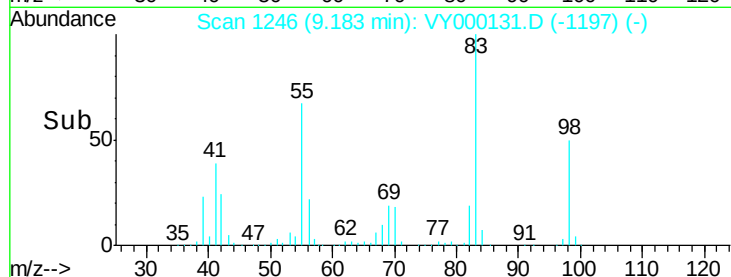
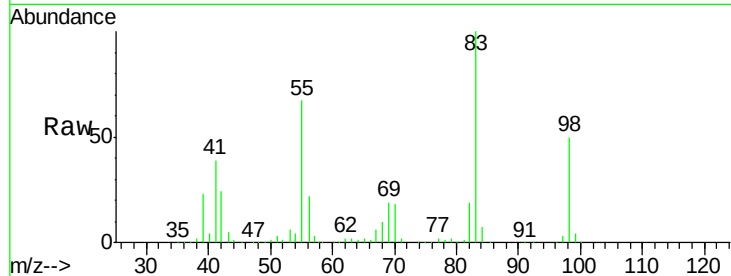
#39
Methylvlcyclohexane
Concen: 50.797 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	83	Resp	146341
Ion	Ratio	Lower	Upper
83	100		
55	67.2	52.3	78.5
98	49.9	40.6	61.0

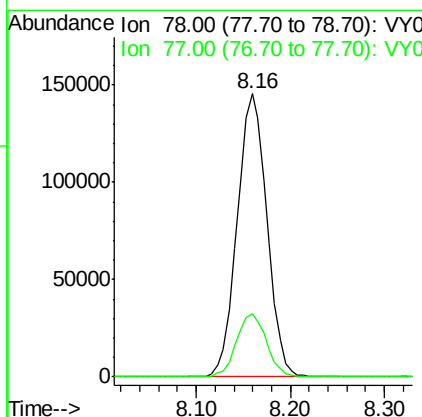
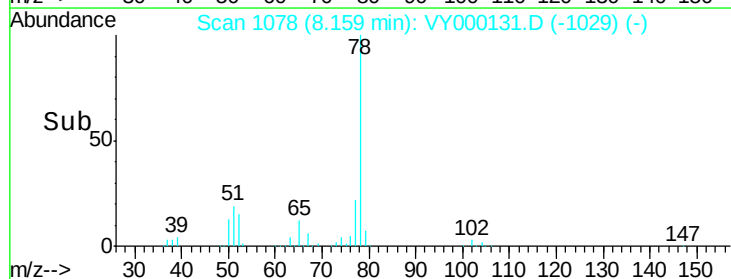
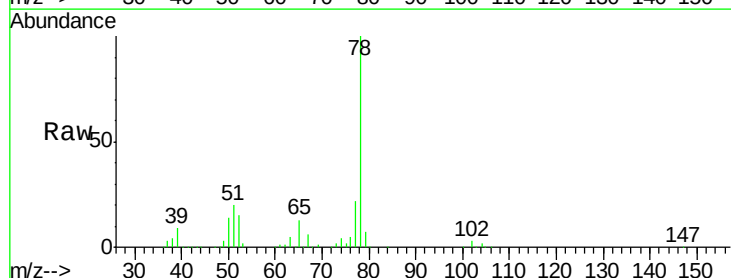
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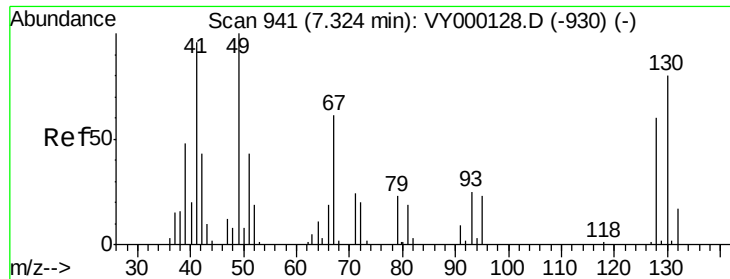
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#40
Benzene
Concen: 49.588 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	78	Resp	320571
Ion	Ratio	Lower	Upper
78	100		
77	22.3	17.9	26.9





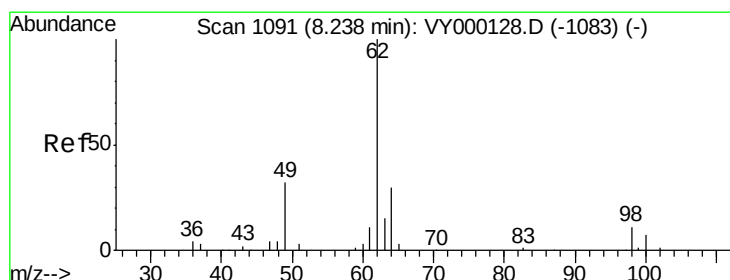
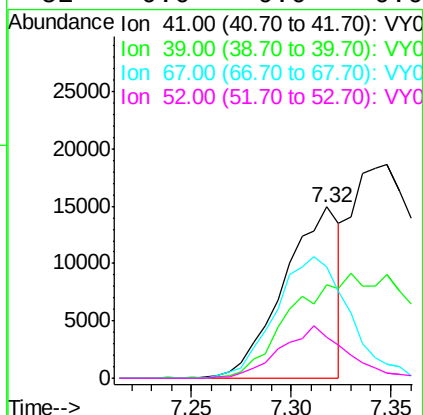
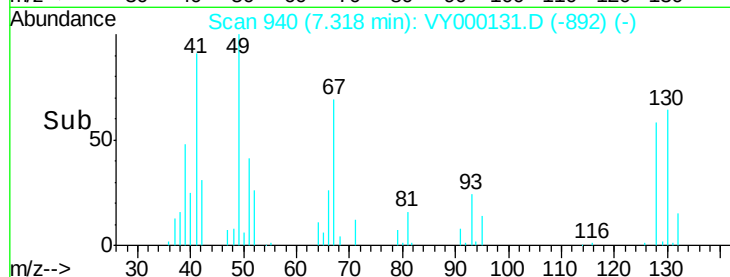
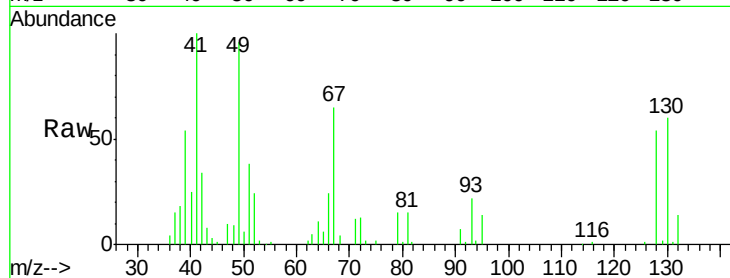
#41
Methacrylonitrile
Concen: 54.160 ug/l m
RT: 7.32 min Scan# 940
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion:	41	Resp:	29497
Ion Ratio	Lower	Upper	
41	100		
39	133.8	53.4	80.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

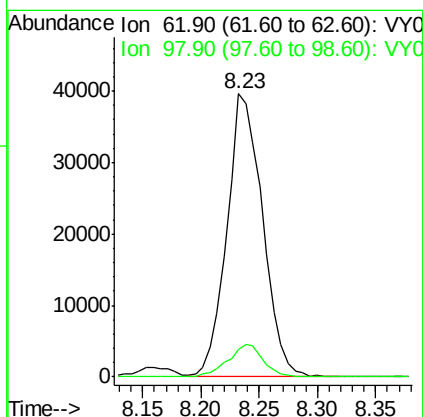
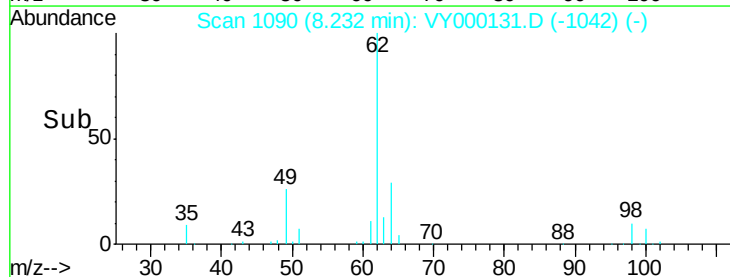
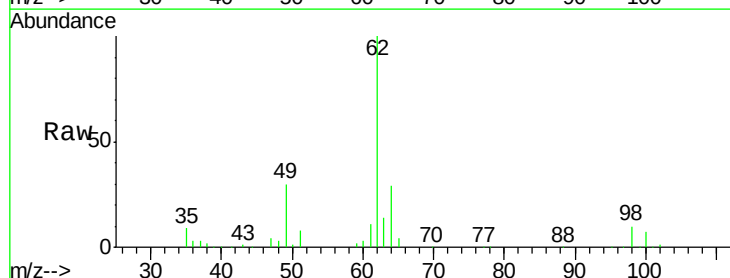
Manual Integrations
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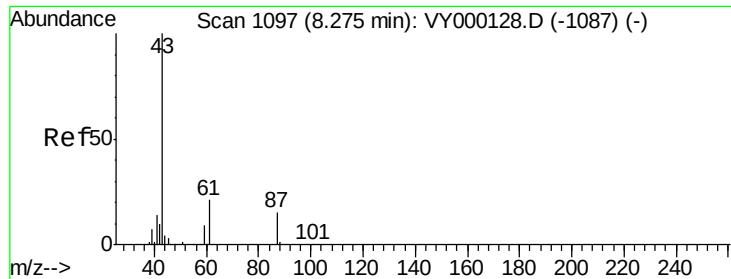
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#42
1,2-Dichloroethane
Concen: 51.265 ug/l
RT: 8.23 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion:	62	Resp:	84514
Ion Ratio	Lower	Upper	
62	100		
98	11.3	0.0	22.4





#43

Isopropyl Acetate

Concen: 49.651 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

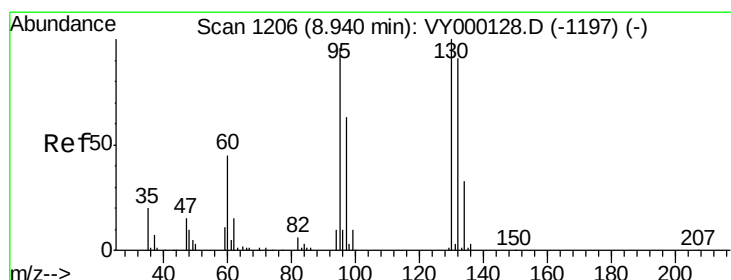
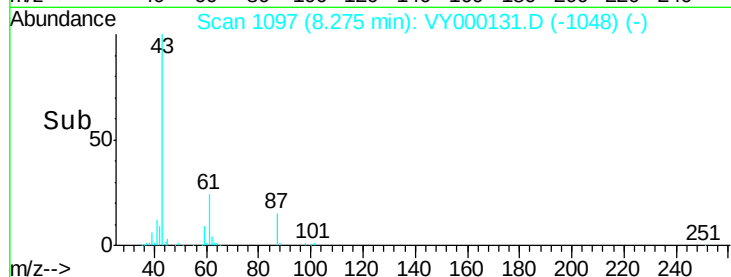
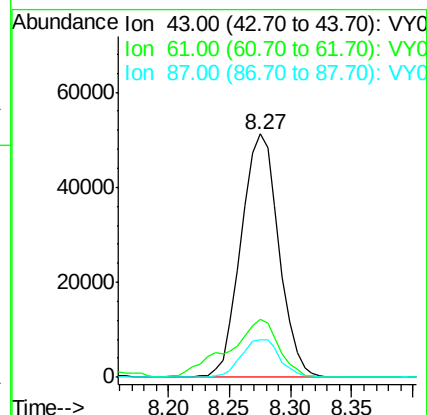
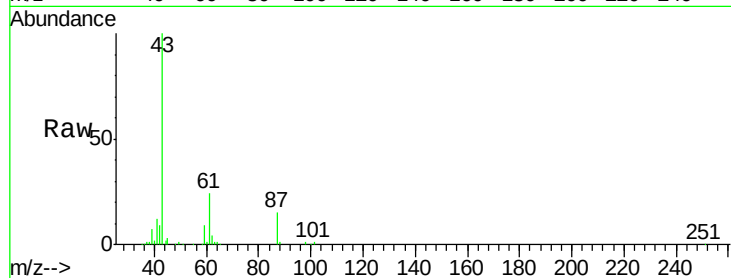
ClientSampleId :

ICVY092319

Tot Ion:	43	Resp:	109859
Ion	Ratio	Lower	Upper
43	100		
61	31.9	24.6	37.0
87	15.9	12.5	18.7

Manual Integrations
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#44

Trichloroethene

Concen: 51.810 ug/l

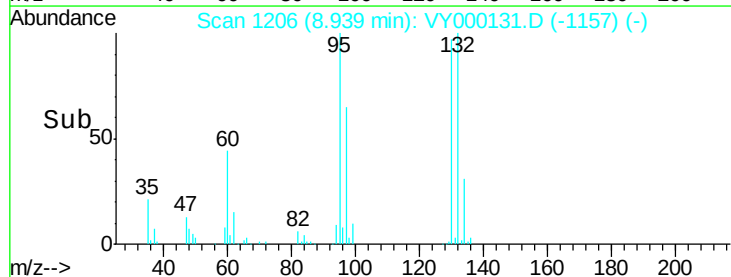
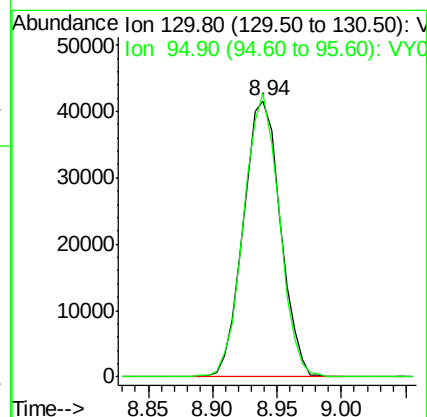
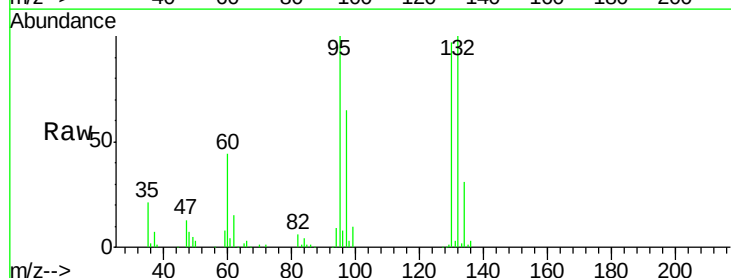
RT: 8.94 min Scan# 1206

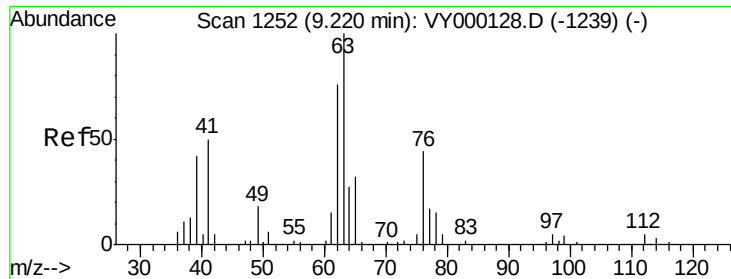
Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	130	Resp:	83166
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	192.0





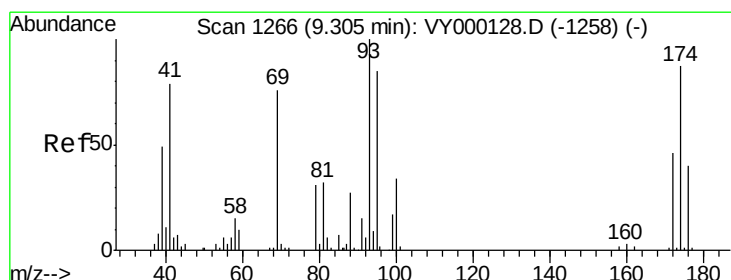
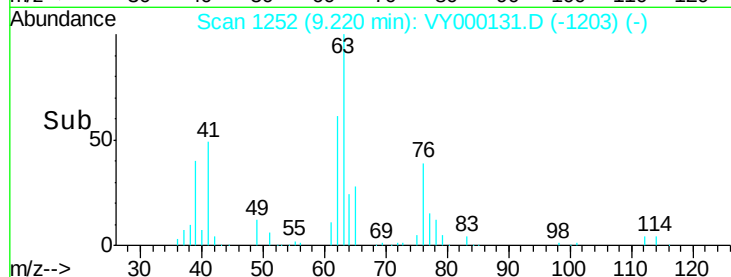
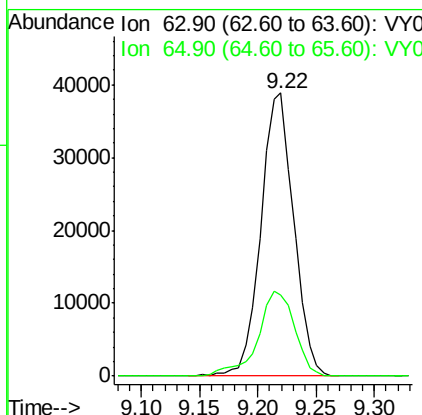
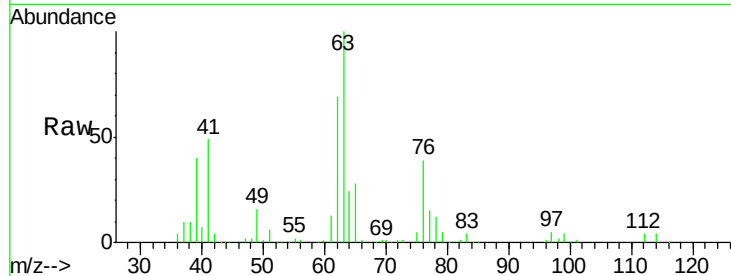
#45
 1,2-Dichloropropane
 Concen: 48.383 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

Tot Ion: 63 Resp: 75548
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.4 38.2

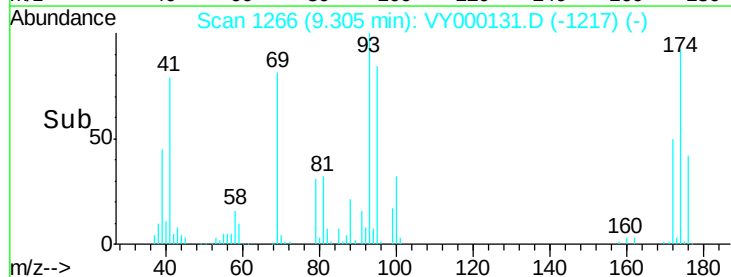
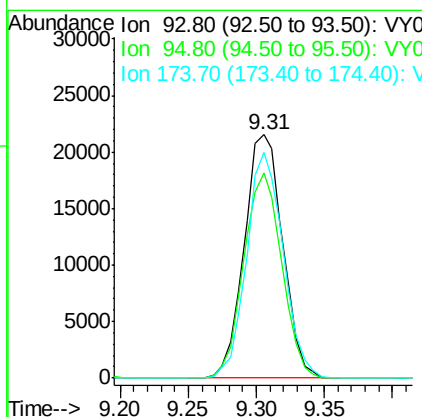
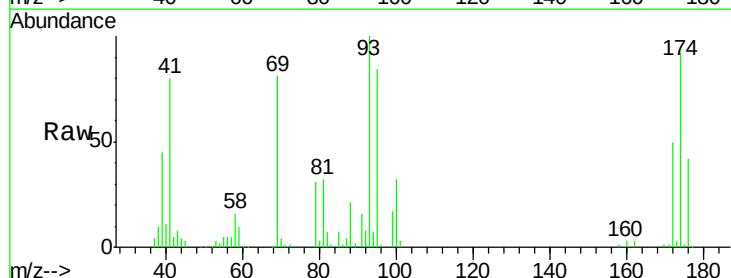
Manual Integrations
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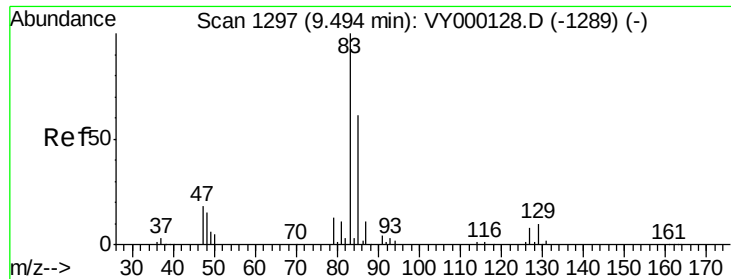
MMDadoda
 9/25/2019 12:39:26 AM



#46
 Dibromomethane
 Concen: 49.104 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion: 93 Resp: 42642
 Ion Ratio Lower Upper
 93 100
 95 83.2 68.6 103.0
 174 88.3 69.4 104.0





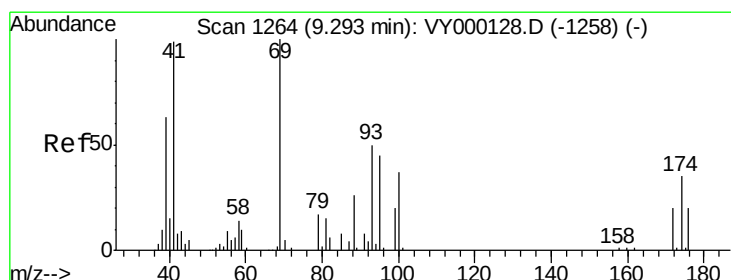
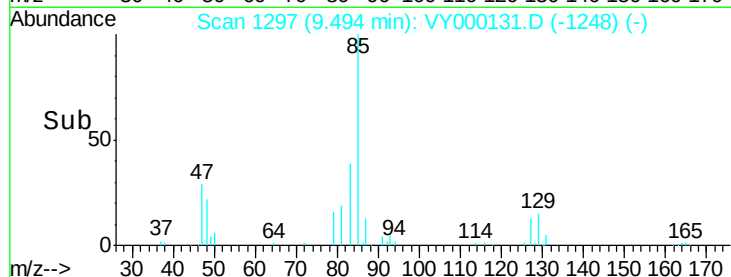
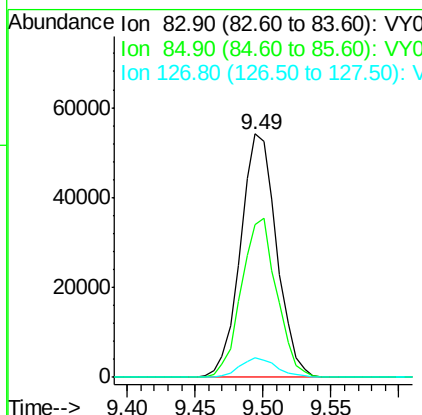
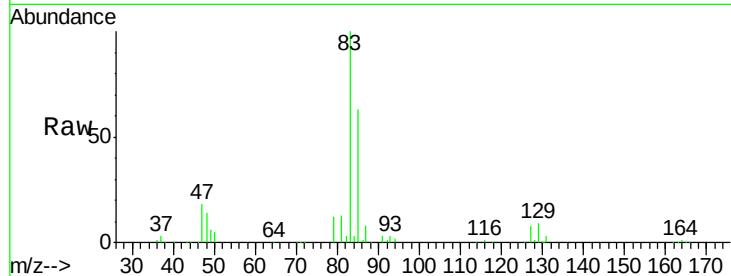
#47
Bromodichloromethane
Concen: 50.551 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion:	83	Resp:	100512
Ion Ratio	Lower	Upper	
83	100		
85	62.6	48.6	73.0
127	7.9	6.2	9.4

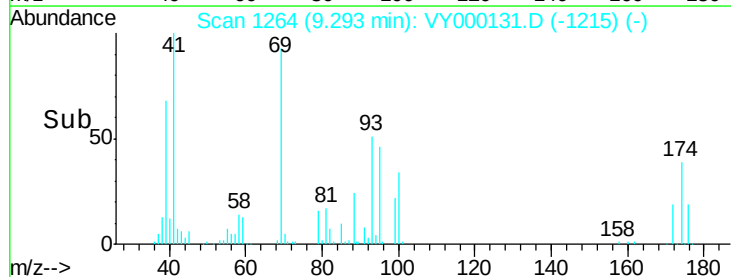
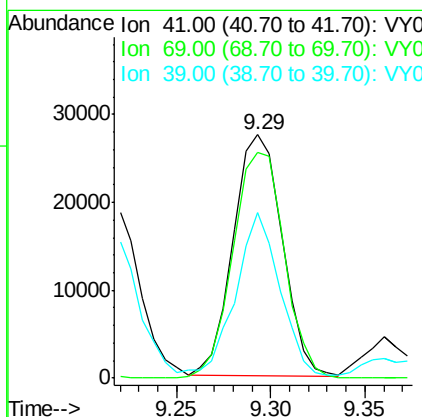
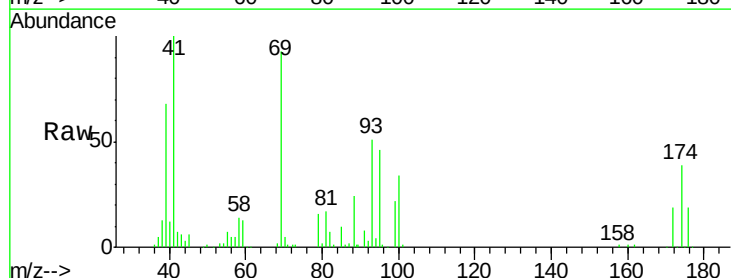
Manual Integrations
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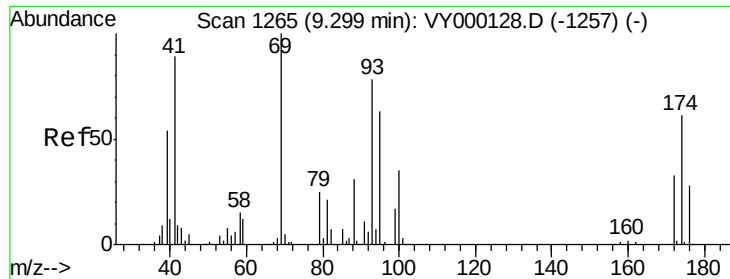
MMDadoda
9/25/2019 12:39:26 AM



#48
Methyl methacrylate
Concen: 52.342 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion:	41	Resp:	49491
Ion Ratio	Lower	Upper	
41	100		
69	98.5	81.0	121.6
39	61.8	53.2	79.8





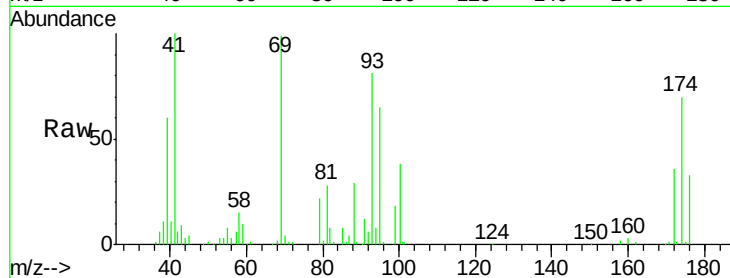
#49
1,4-Dioxane
Concen: 984.433 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	22.6	33.8
58	63.1	42.5	63.7

Manual Integrations
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MMDadoda
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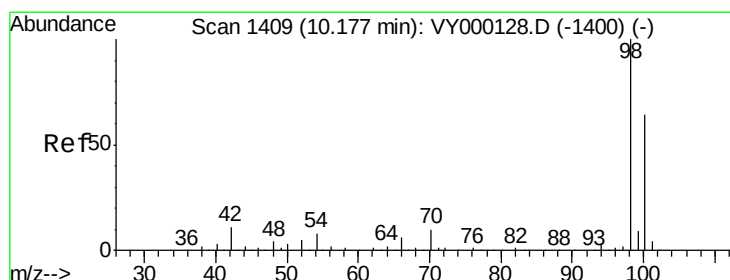
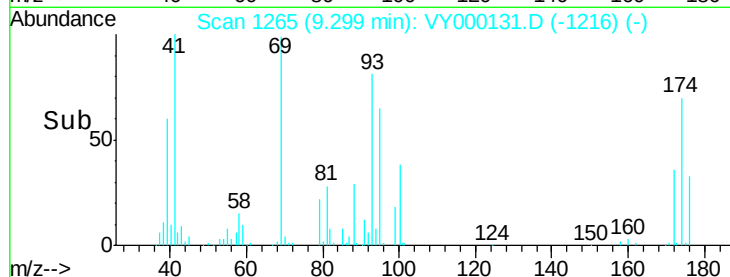
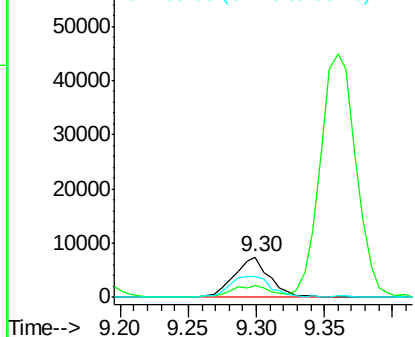


Abundance

Ion 88.00 (87.70 to 88.70): VY0

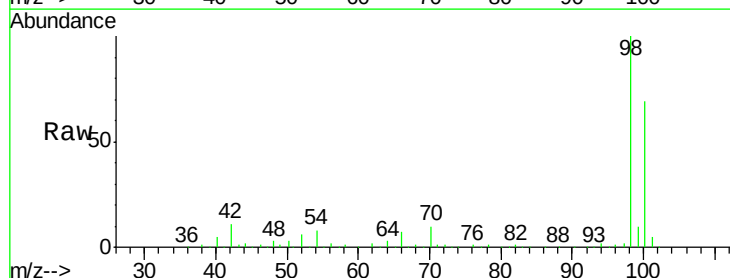
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 52.079 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

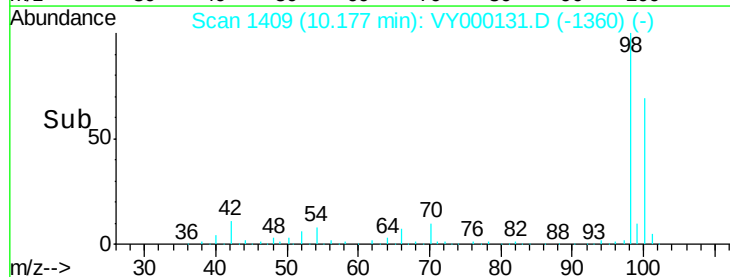
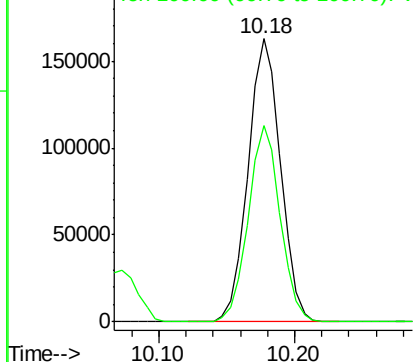
Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.1	52.7	79.1

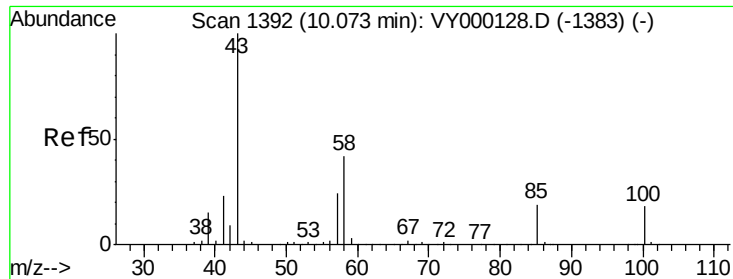


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 252.901 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion: 43 Resp: 285142

Ion Ratio Lower Upper

43 100

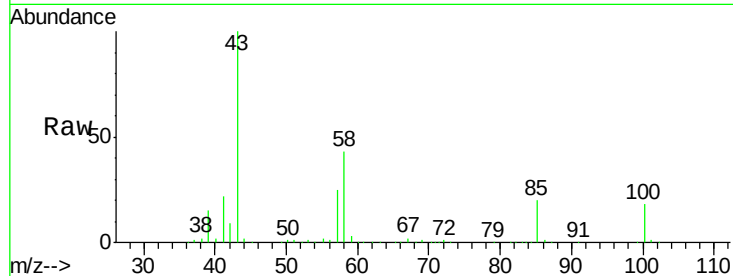
58 41.2 33.0 49.6

Manual Integrations

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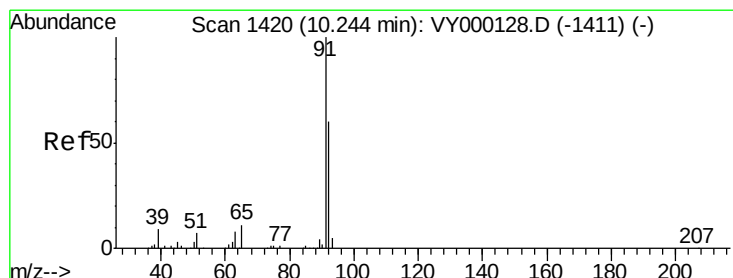
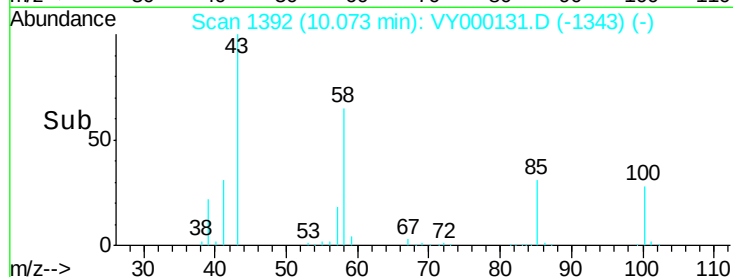
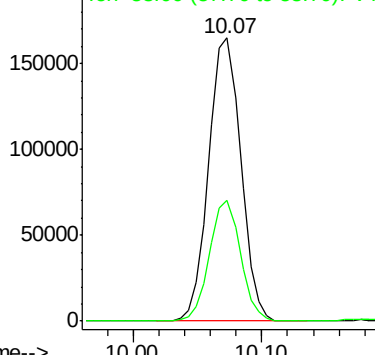
MMDadoda

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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: 50.661 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000131.D

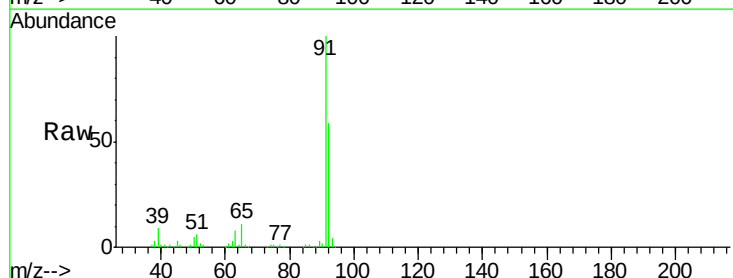
Acq: 23 Sep 2019 13:32

Tgt Ion: 92 Resp: 202380

Ion Ratio Lower Upper

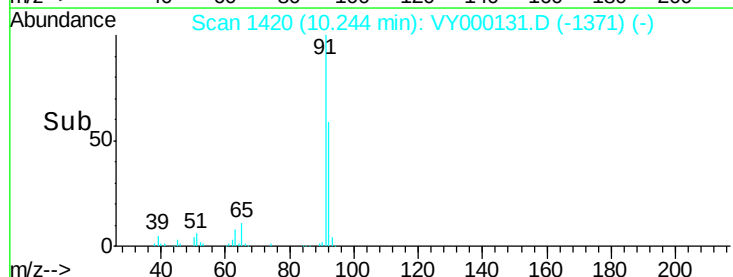
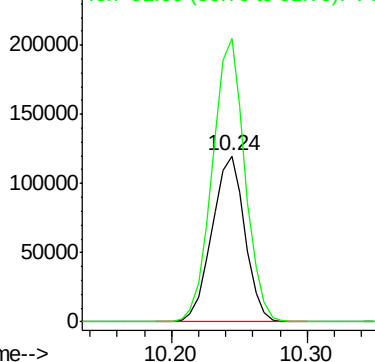
92 100

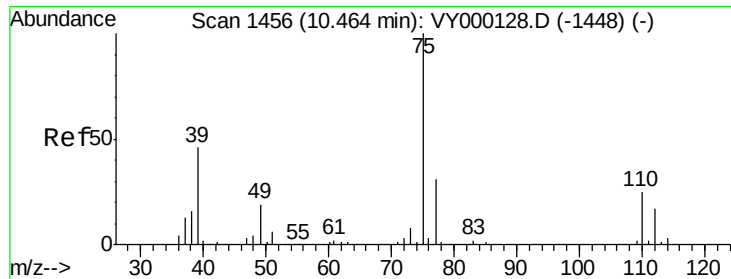
91 169.4 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





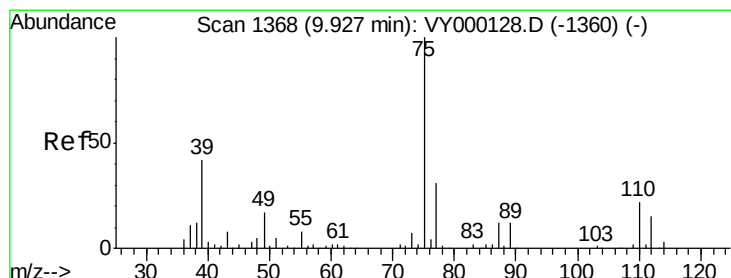
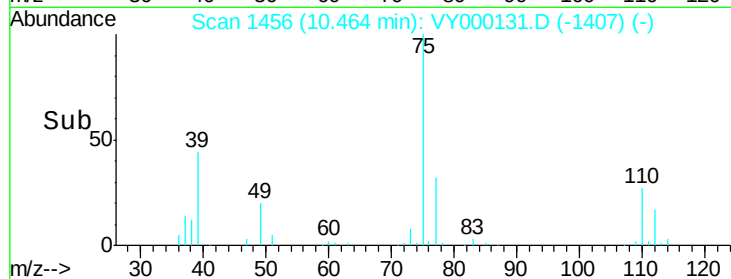
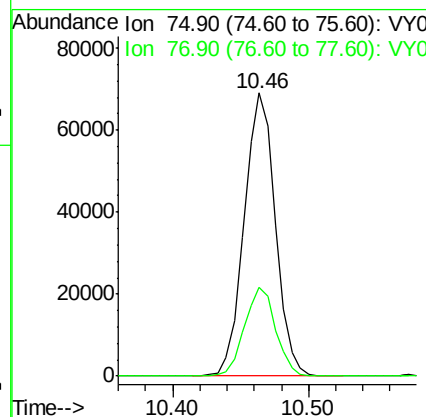
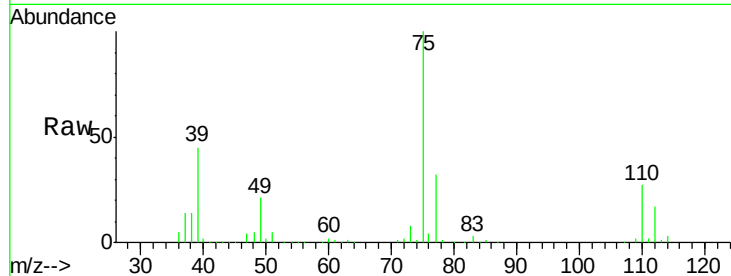
#53
t-1,3-Dichloropropene
Concen: 50.889 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092319

Tot Ion	Ratio	Resp	Lower	Upper
75	100	110336		
77	31.5	24.9	37.3	

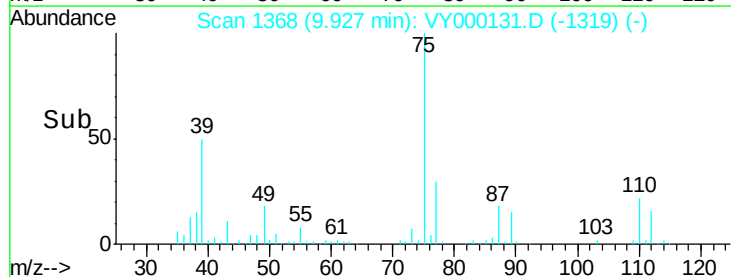
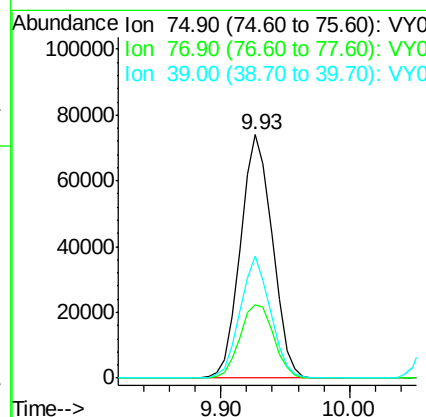
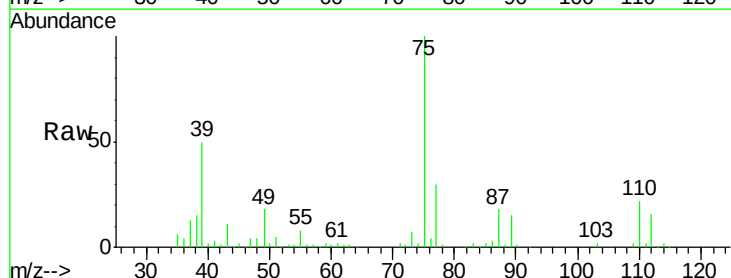
Manual Integrations
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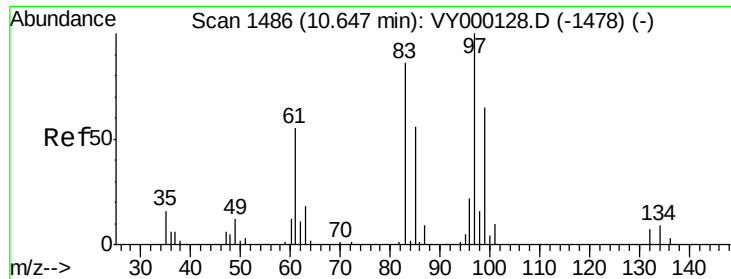
MMDadoda
9/25/2019 12:39:26 AM



#54
cis-1,3-Dichloropropene
Concen: 50.444 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126804		
77	30.1	24.6	37.0	
39	50.4	33.8	50.6	





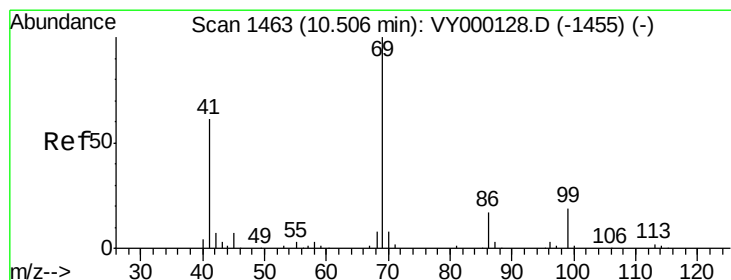
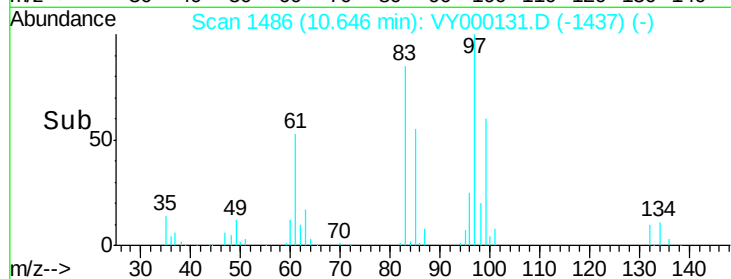
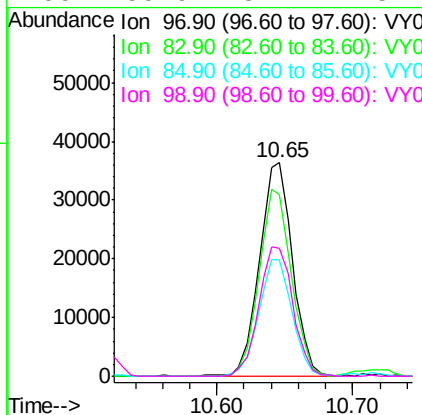
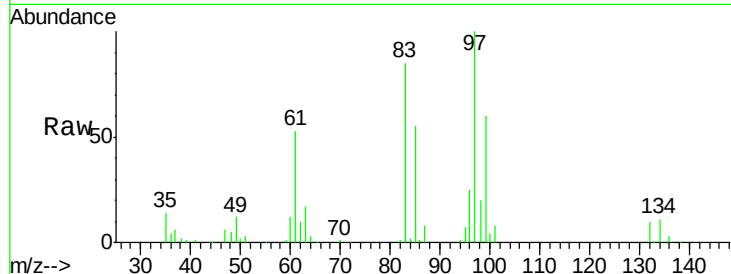
#55
 1,1,2-Trichloroethane
 Concen: 49.770 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

Tot Ion:	97	Resp:	61893
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.8	103.2
85	54.6	44.9	67.3
99	59.9	52.1	78.1

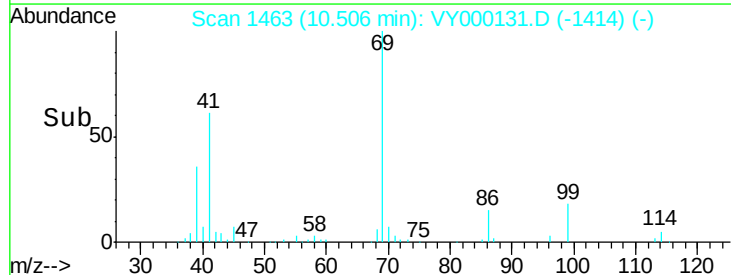
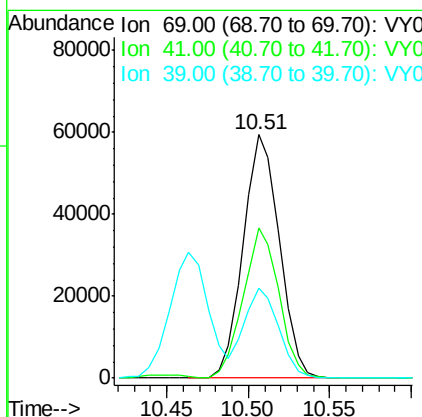
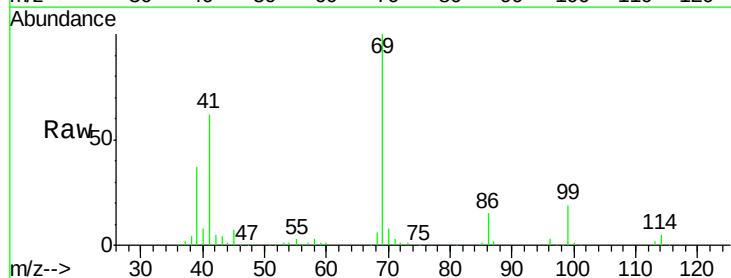
Manual Integrations
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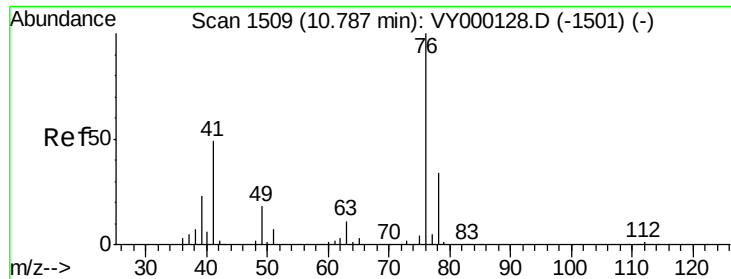
MMDadoda
 9/25/2019 12:39:26 AM



#56
 Ethyl methacrylate
 Concen: 52.552 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion:	69	Resp:	92055
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.9	71.9
39	35.5	27.4	41.0





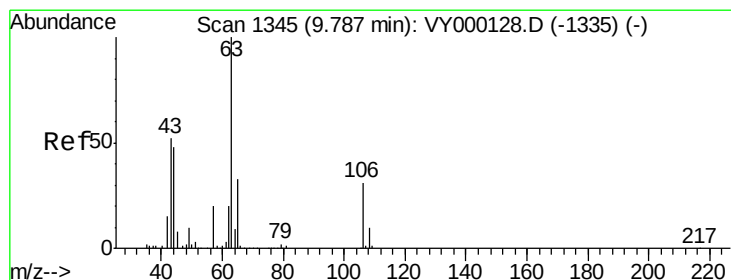
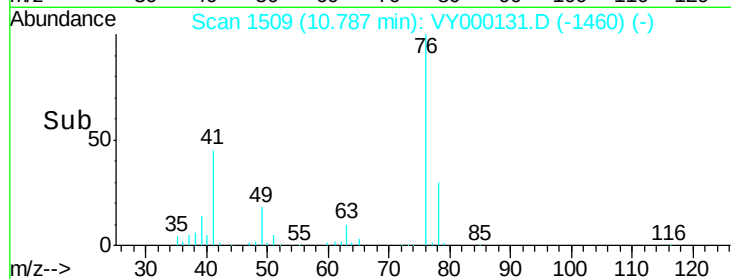
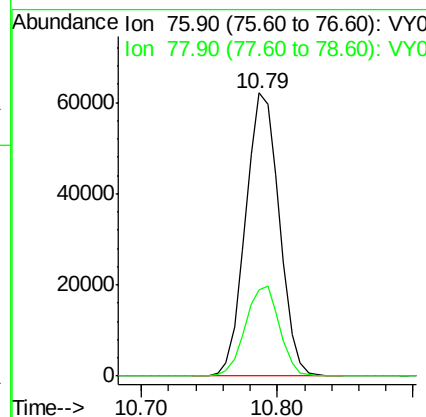
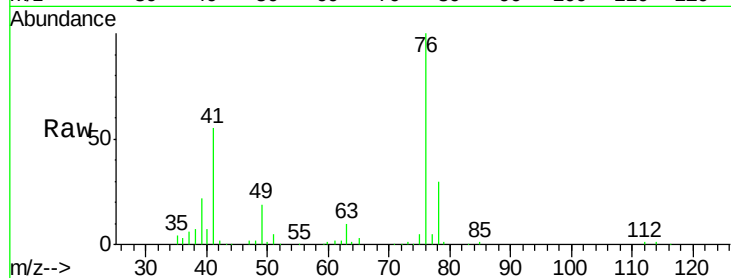
#57
 1,3-Dichloropropane
 Concen: 49.785 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.5	39.7

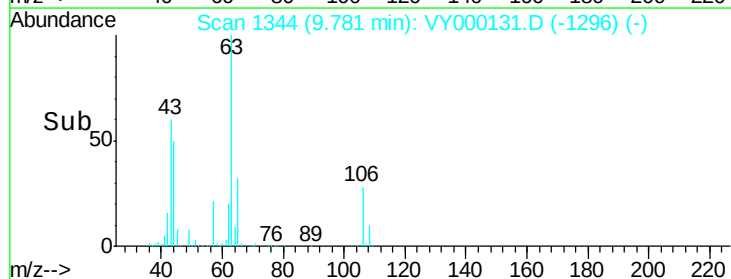
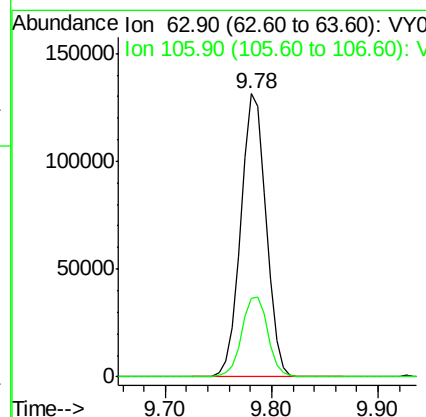
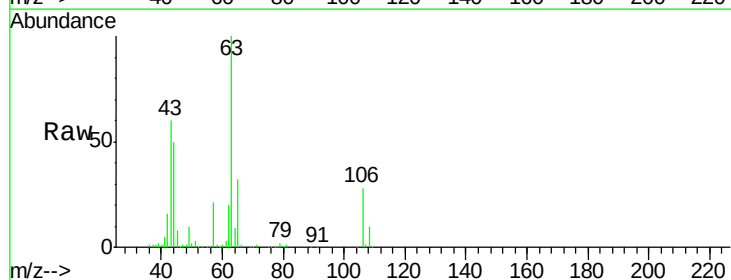
Manual Integrations
 APPROVED

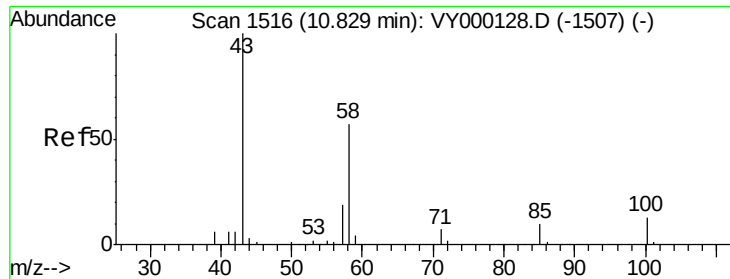
MMDadoda
 9/25/2019 12:39:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.443 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.2	34.8





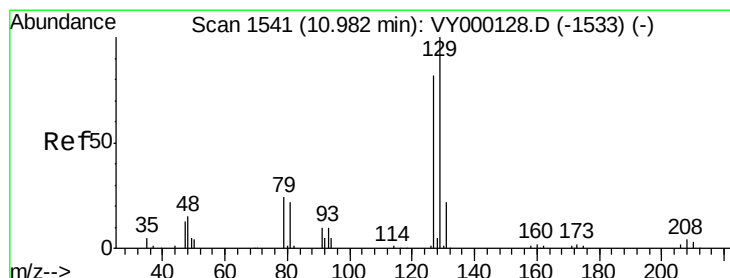
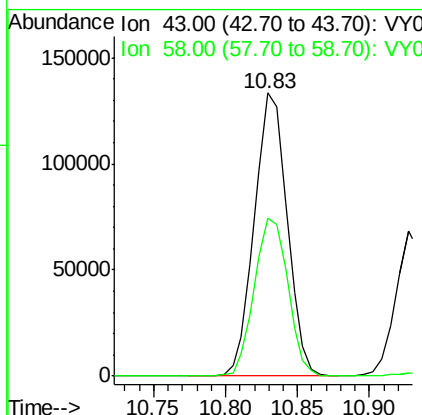
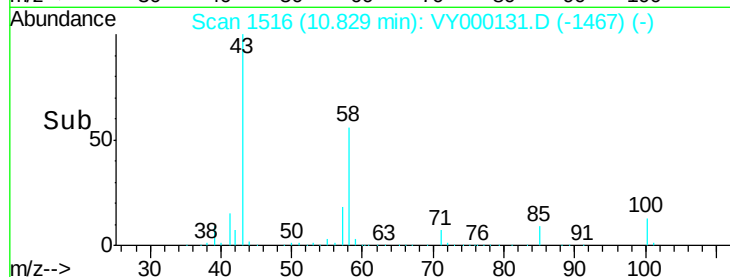
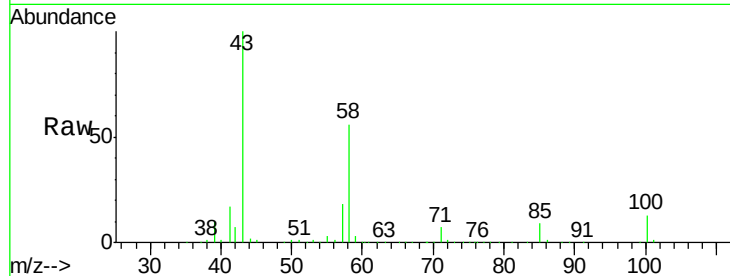
#59
2-Hexanone
Concen: 265.619 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	43	58	Resp	209774	Lower	Upper
Ion Ratio	100	57.2			29.1	87.3

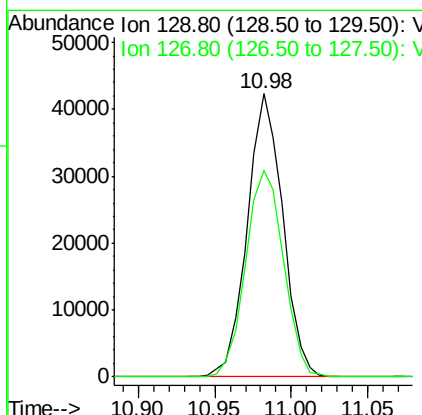
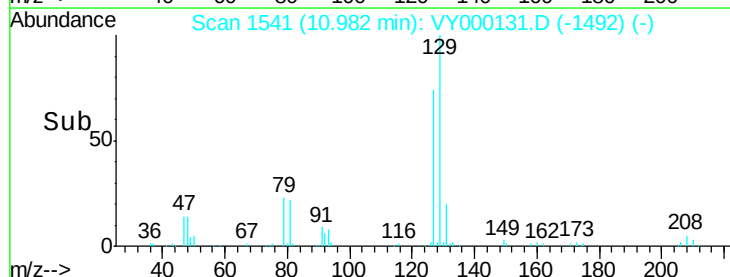
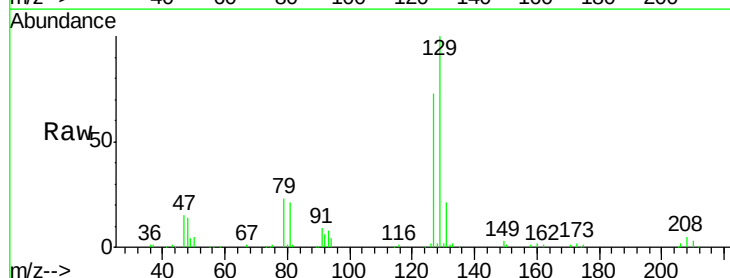
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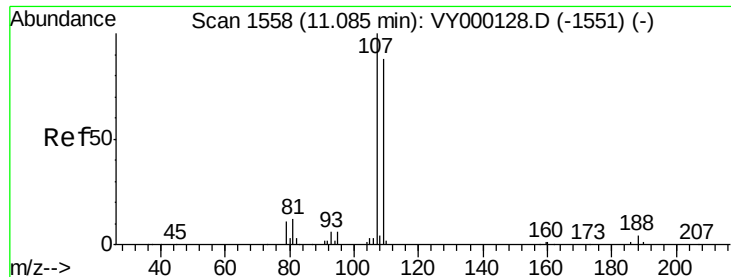
MMDadoda
9/25/2019 12:39:26 AM



#60
Dibromochloromethane
Concen: 52.600 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	129	127	Resp	68364	Lower	Upper
Ion Ratio	100	77.4			37.5	112.3





#61

1,2-Dibromoethane

Concen: 50.130 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY092319

Tot Ion:107 Resp: 58589

Ion Ratio Lower Upper

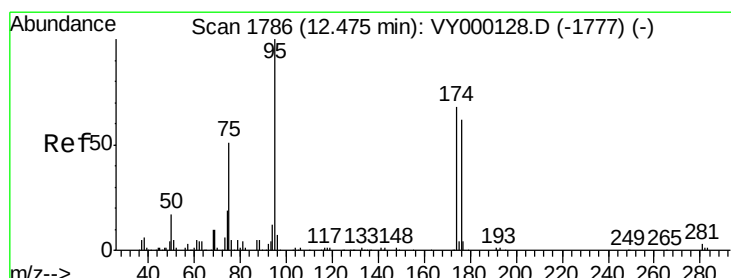
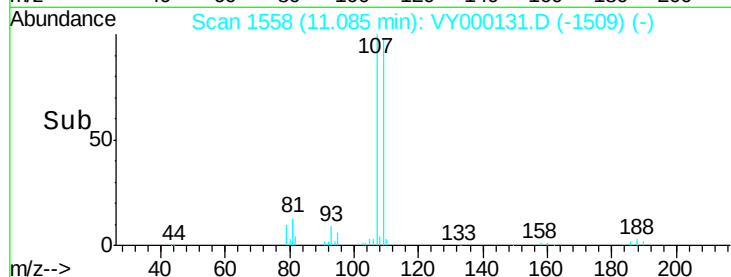
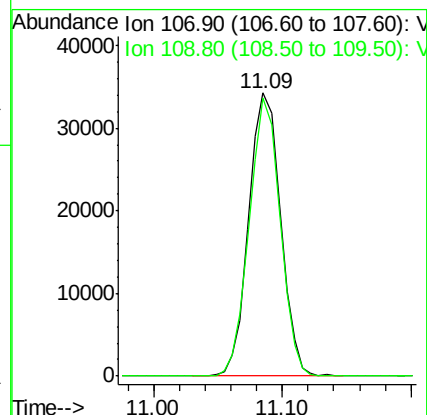
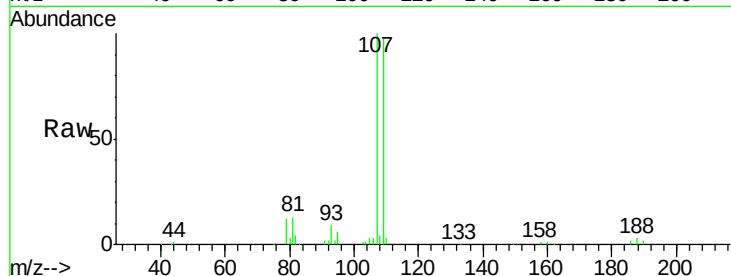
107 100

109 95.4 74.0 111.0

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9/25/2019 12:39:26 AM



#62

4-Bromofluorobenzene

Concen: 49.269 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

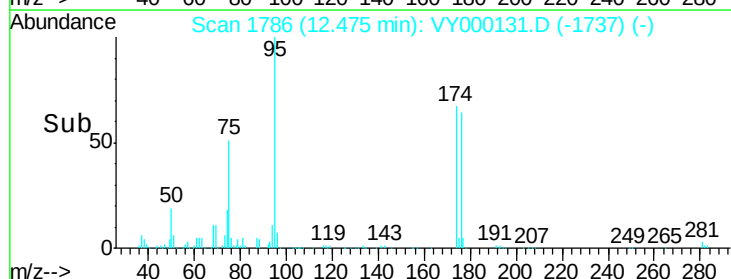
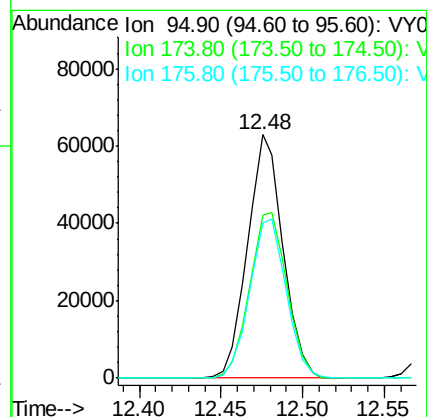
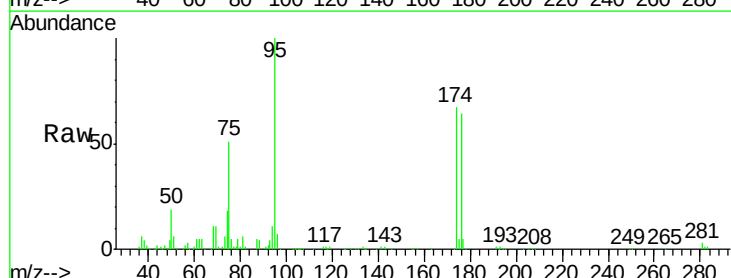
Tgt Ion: 95 Resp: 94754

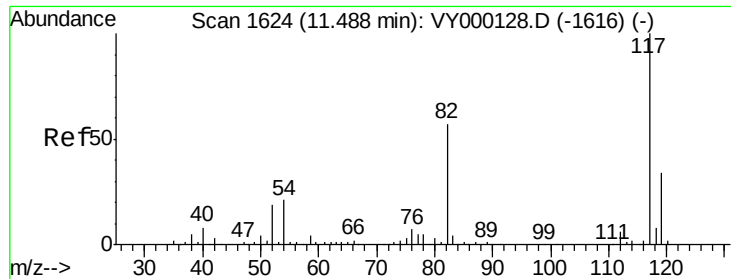
Ion Ratio Lower Upper

95 100

174 72.0 0.0 140.8

176 67.5 0.0 135.0





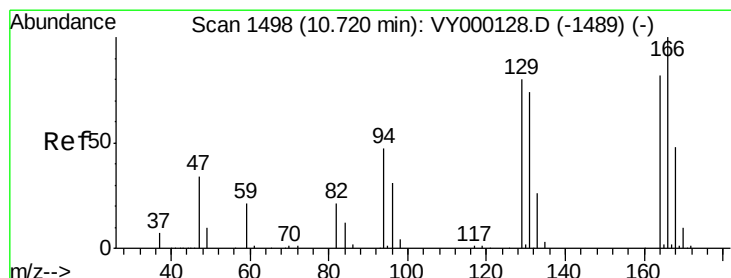
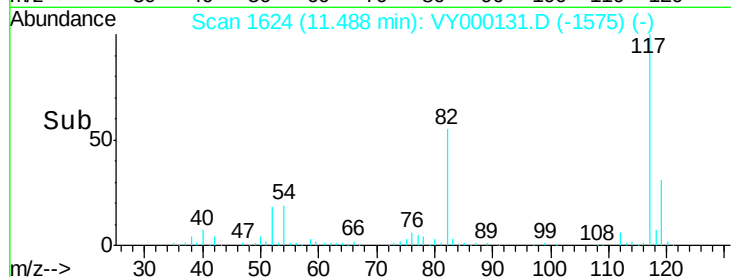
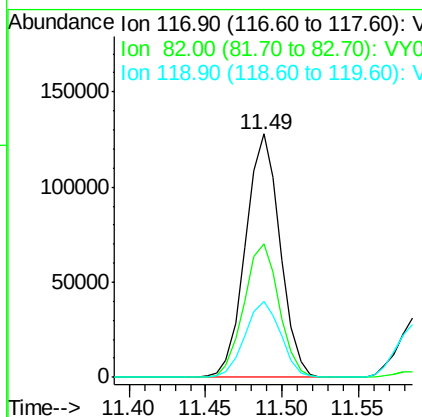
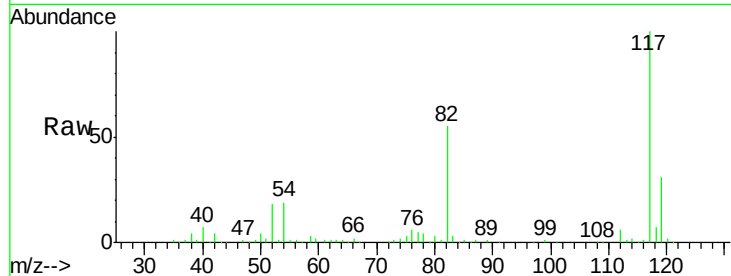
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Resp	Lower	Upper
117	100	201110		
82	54.9	45.5	68.3	
119	31.0	27.3	40.9	

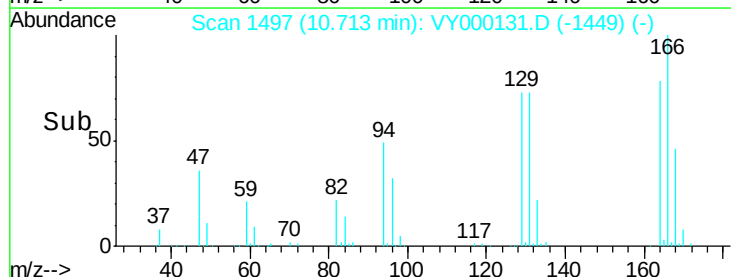
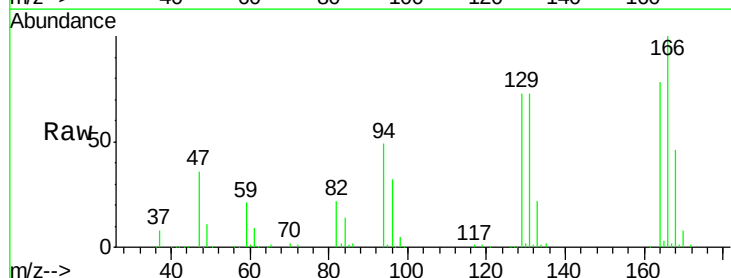
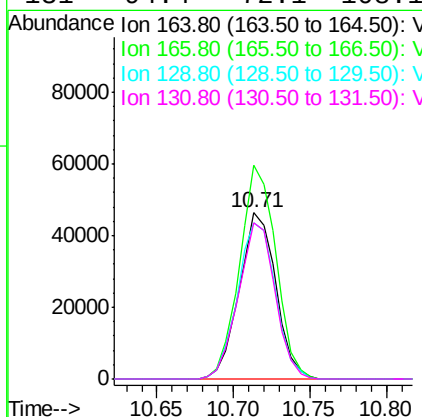
Manual Integrations
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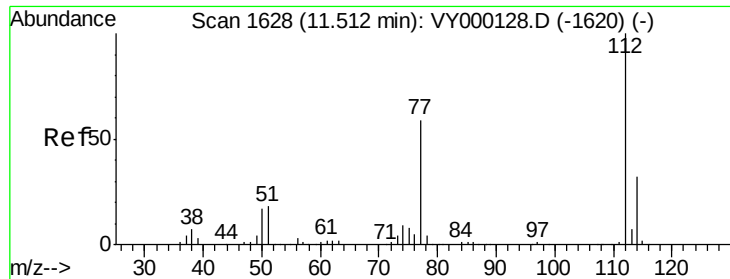
MMDadoda
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#64
Tetrachloroethene
Concen: 50.096 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76688		
166	128.6	97.0	145.6	
129	94.2	77.6	116.4	
131	94.4	72.1	108.1	





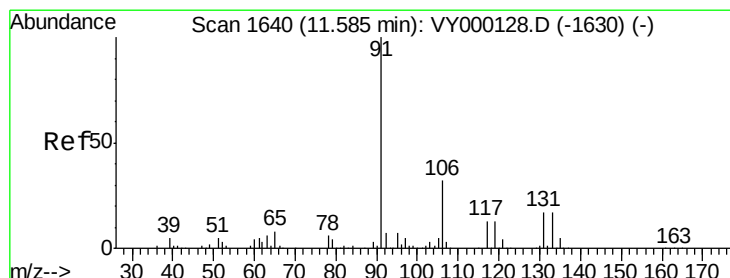
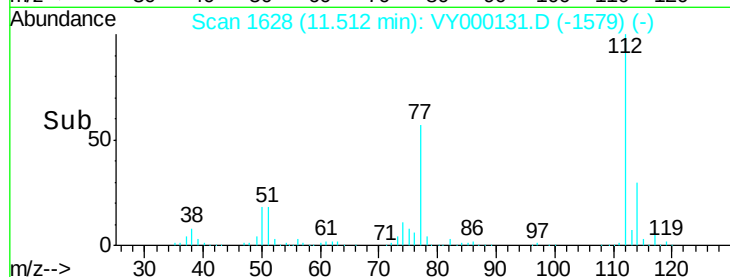
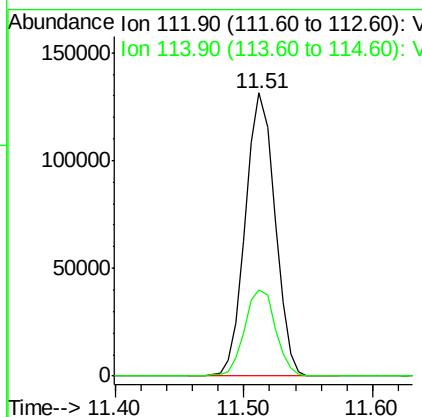
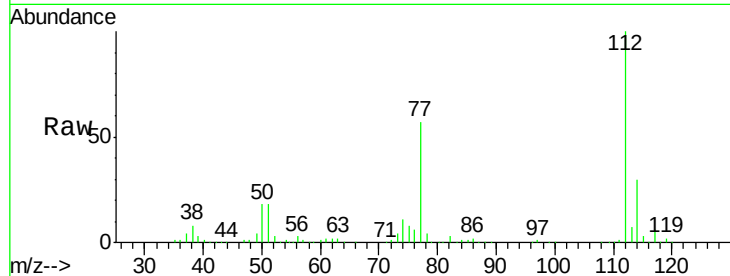
#65
Chlorobenzene
Concen: 51.114 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092319

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.6	38.4

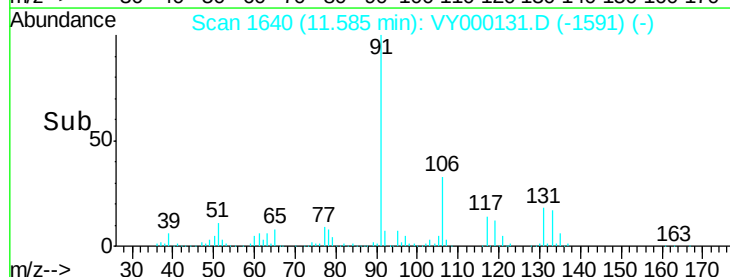
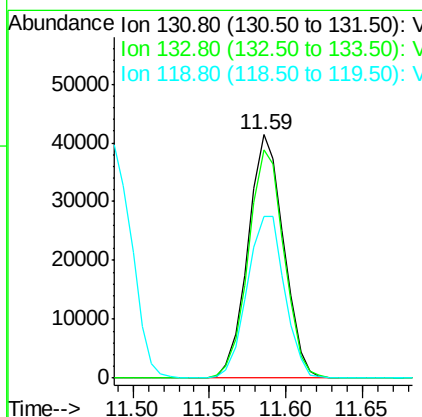
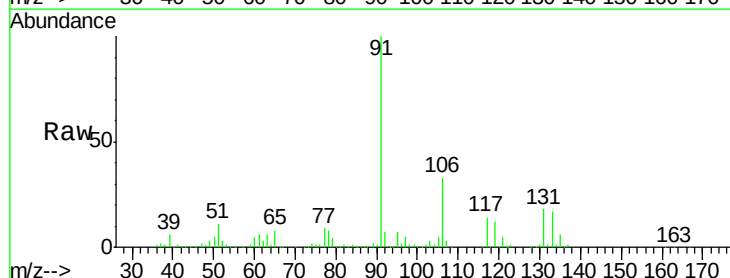
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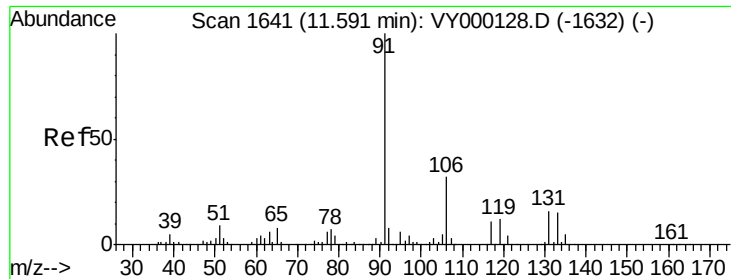
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.064 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.5	142.5
119	70.2	35.4	106.2





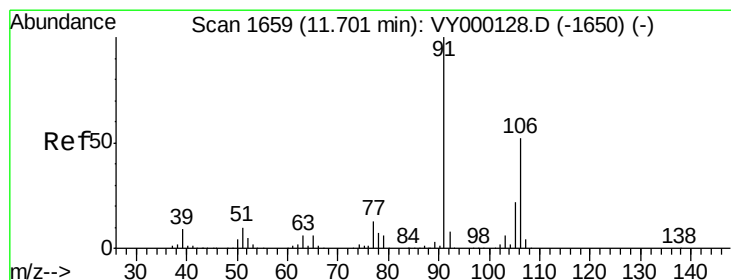
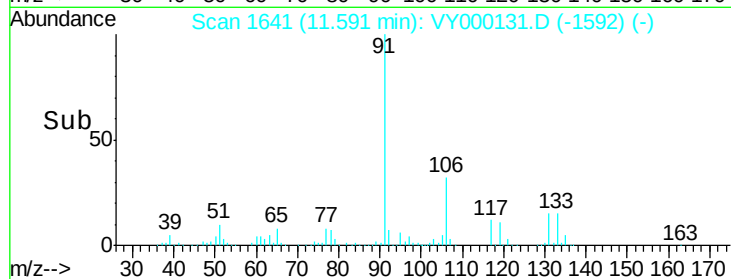
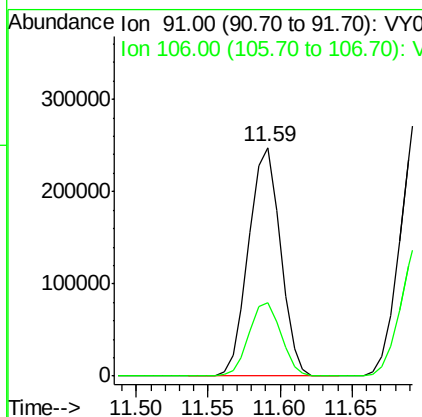
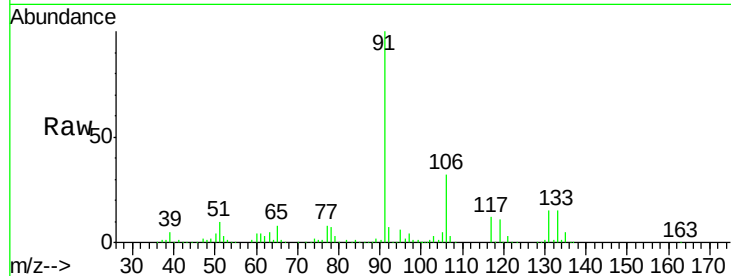
#67
Ethyl Benzene
Concen: 51.176 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion: 91 Resp: 379775
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

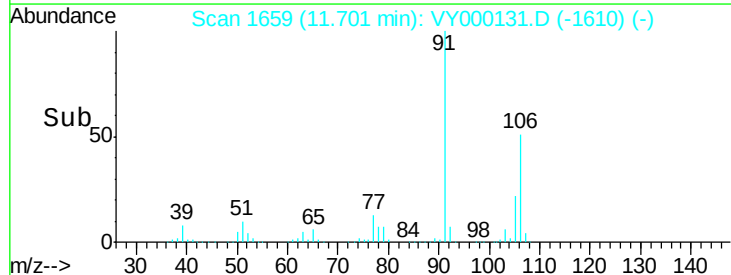
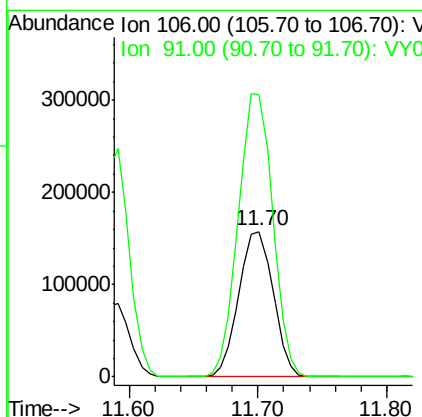
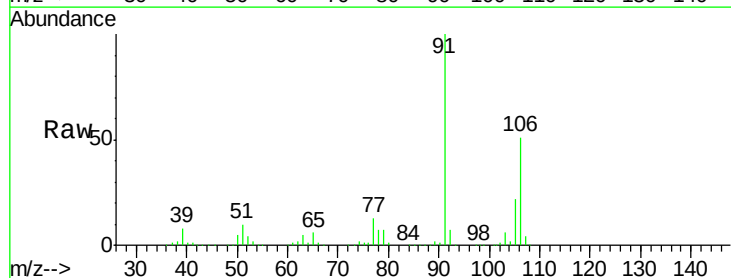
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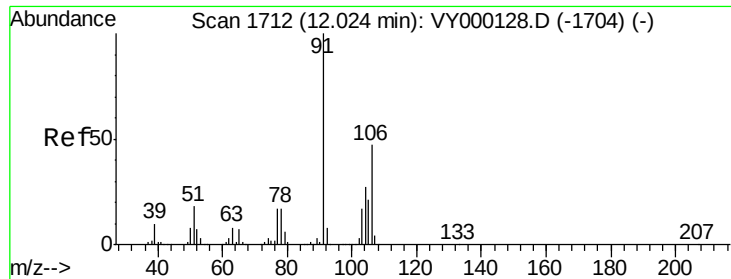
MMDadoda
9/25/2019 12:39:26 AM



#68
m/p-Xylenes
Concen: 102.150 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion: 106 Resp: 292324
Ion Ratio Lower Upper
106 100
91 195.5 154.6 232.0





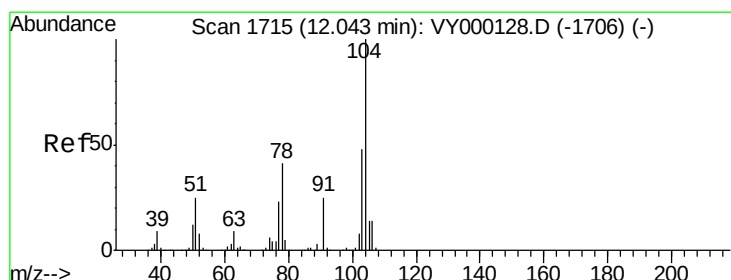
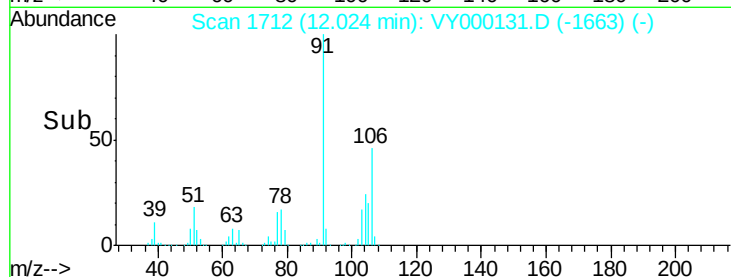
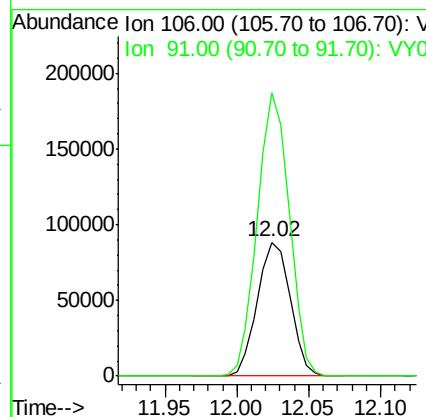
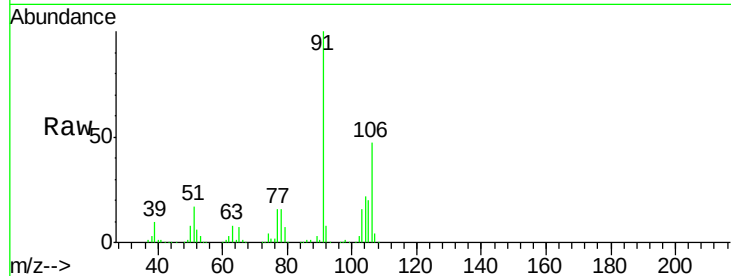
#69
o-Xylene
Concen: 51.285 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Resp	Lower	Upper
106	100	140298		
91	205.0	102.1	306.1	

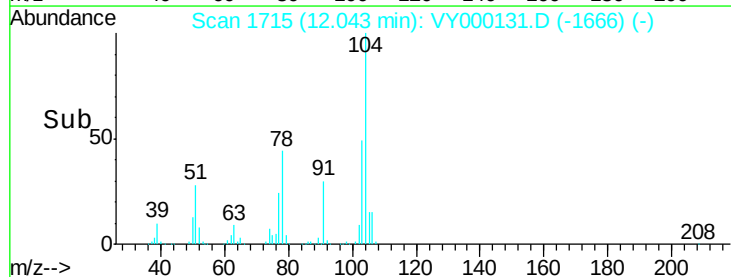
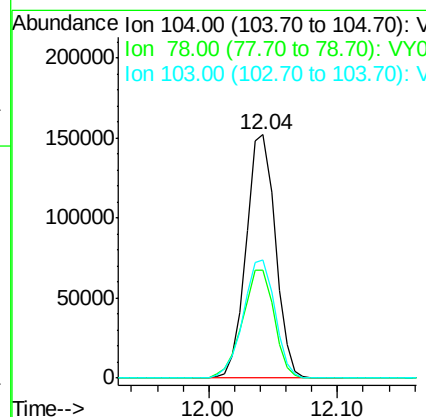
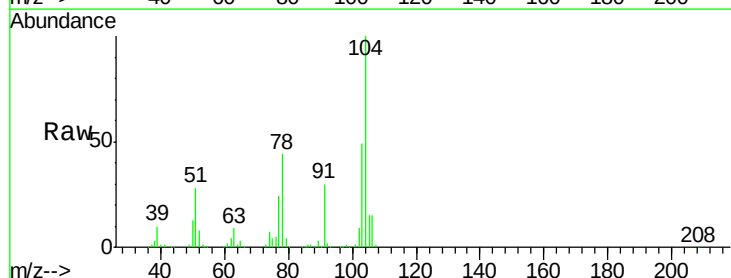
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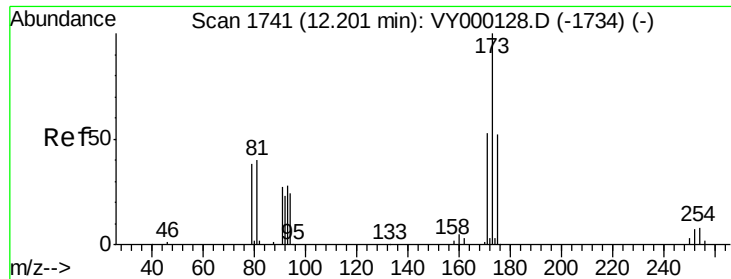
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#70
Styrene
Concen: 51.370 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	237443		
78	48.7	37.3	55.9	
103	52.9	42.2	63.2	





#71

Bromoform

Concen: 52.273 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

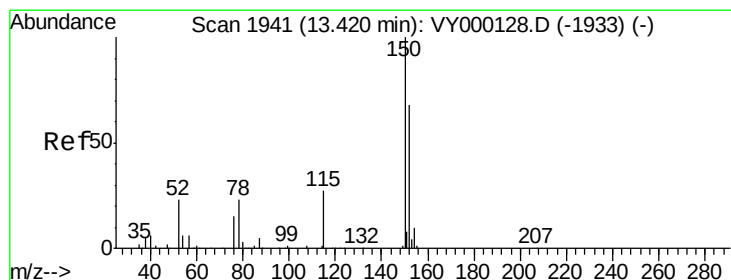
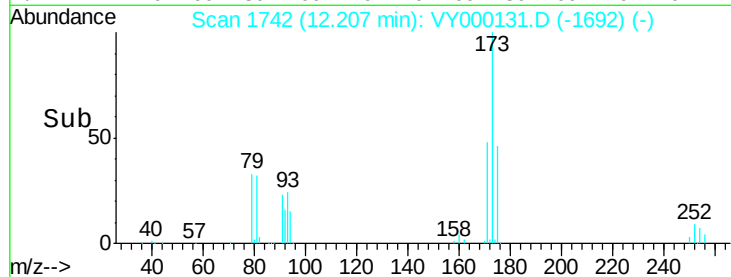
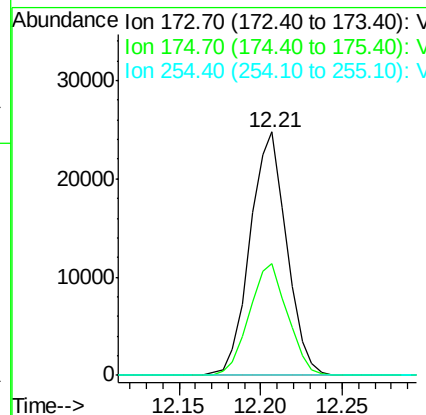
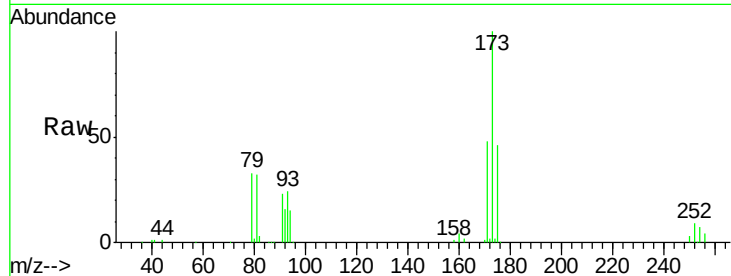
ClientSampleId :

ICVY092319

Tot Ion:173	Resp:	38717
Ion Ratio	Lower	Upper
173 100		
175 48.1	23.9	71.8
254 0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

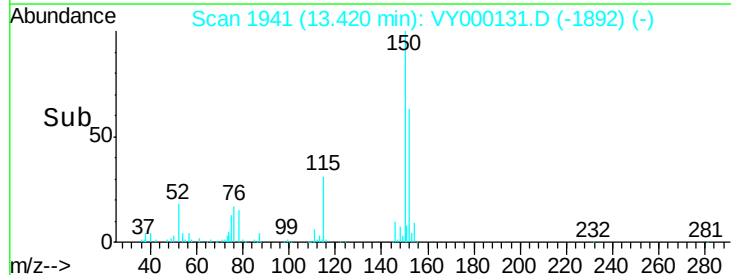
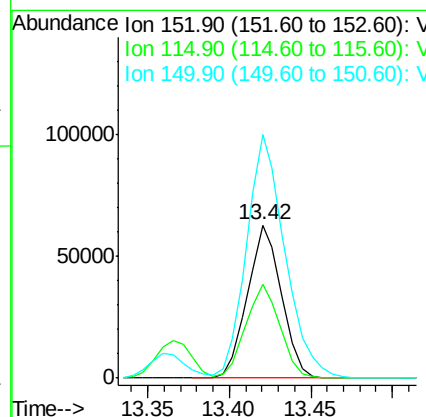
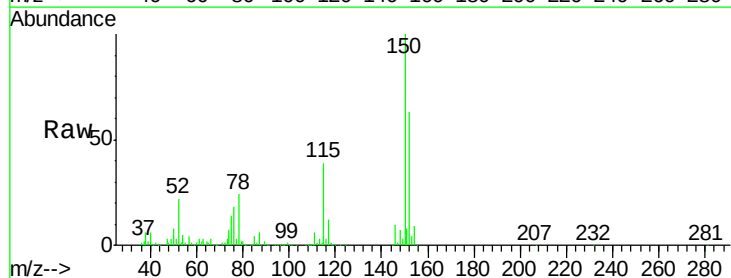
RT: 13.42 min Scan# 1941

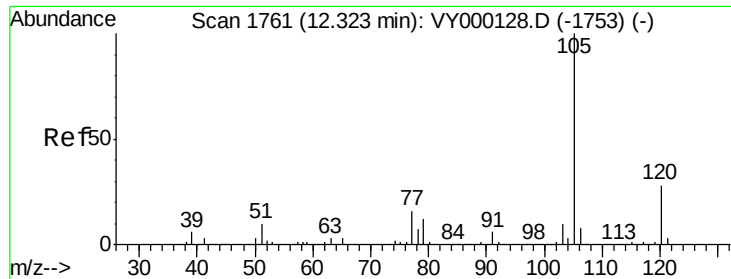
Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:152	Resp:	90971
Ion Ratio	Lower	Upper
152 100		
115 61.9	30.8	92.3
150 179.6	0.0	354.6





#73

Isopropylbenzene

Concen: 49.405 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion:105 Resp: 357846

Ion Ratio Lower Upper

105 100

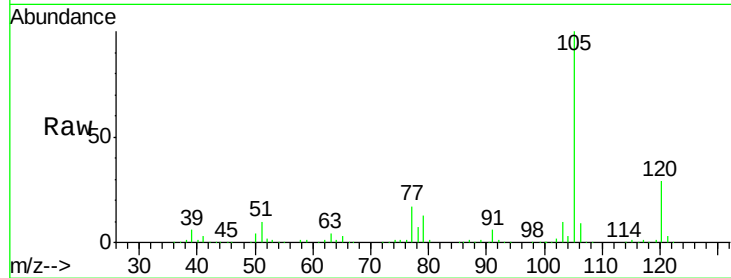
120 27.9 13.8 41.3

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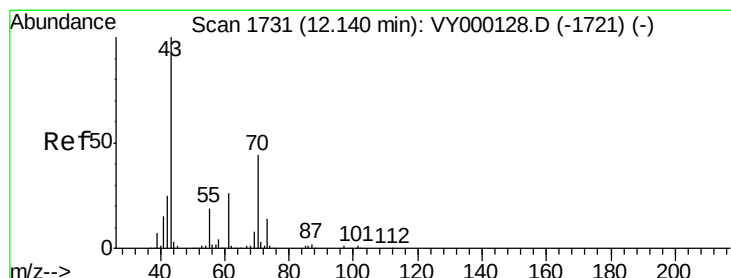
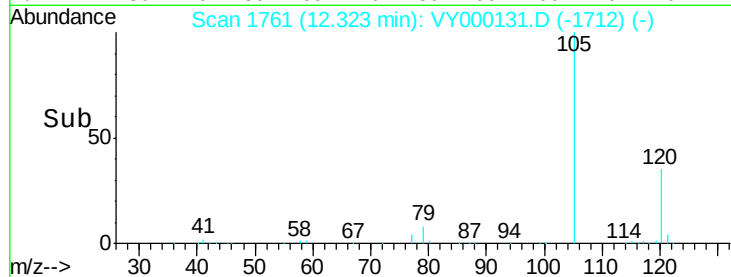
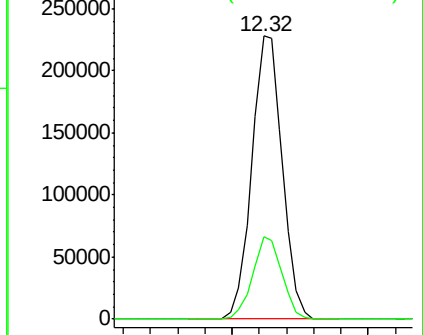
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.691 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion: 43 Resp: 104348

Ion Ratio Lower Upper

43 100

70 45.3 35.7 53.5

55 21.9 17.2 25.8

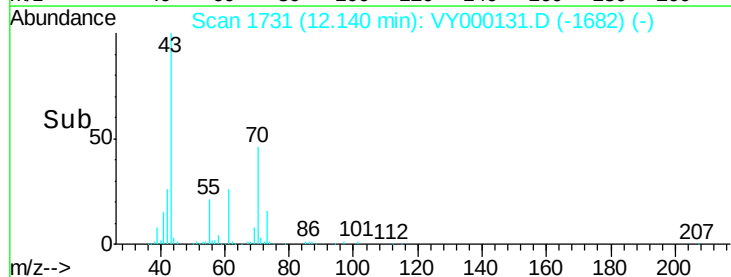
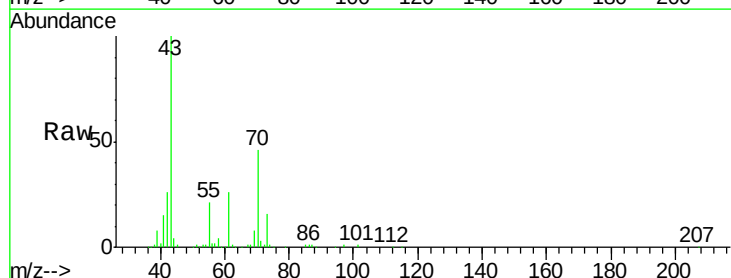
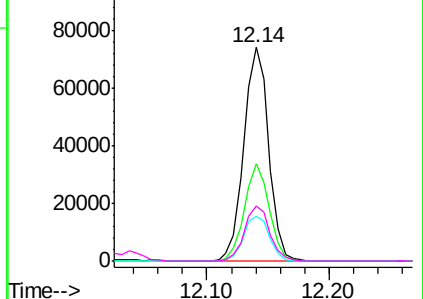
61 26.1 19.8 29.8

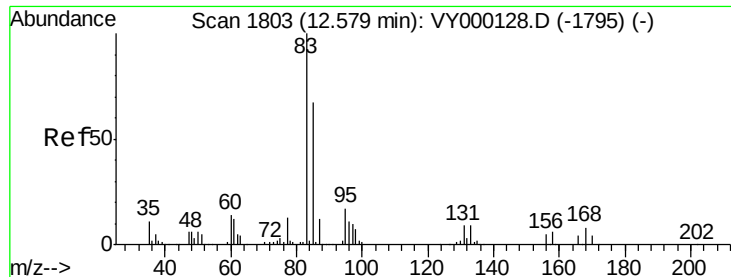
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 50.843 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

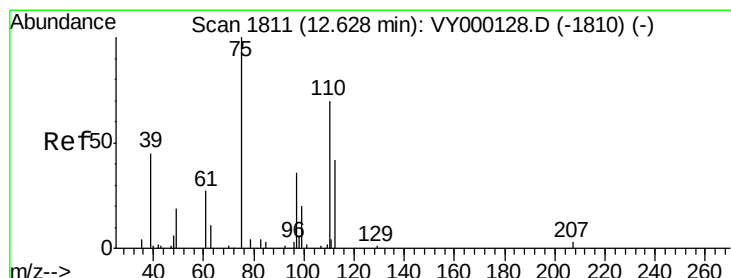
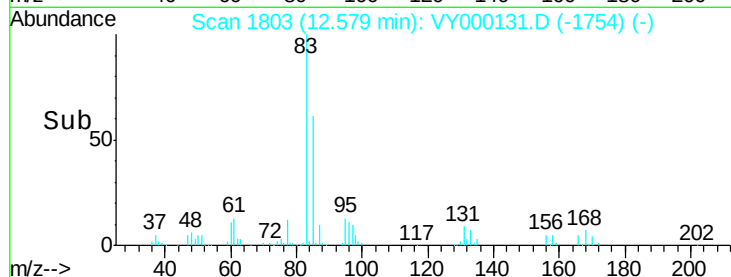
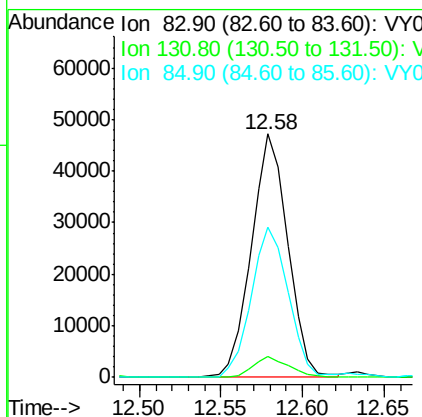
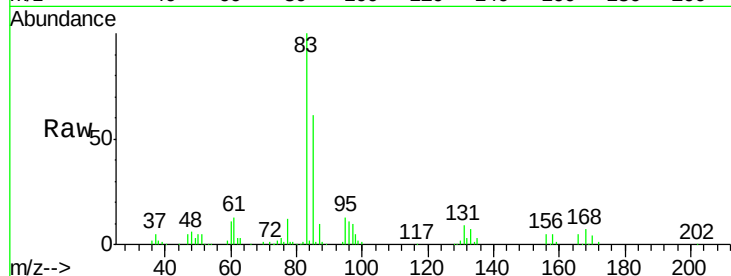
ClientSampleId :

ICVY092319

Tot Ion:	83	Resp:	73528
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.9	14.6
85	62.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 46.410 ug/l m

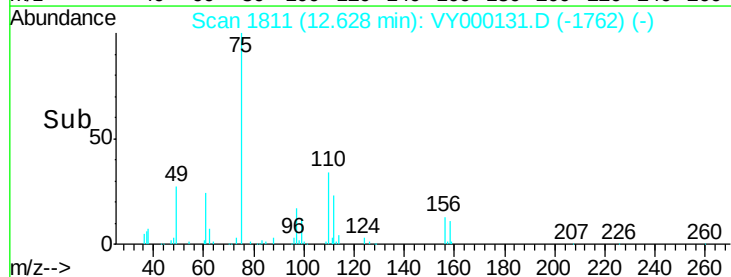
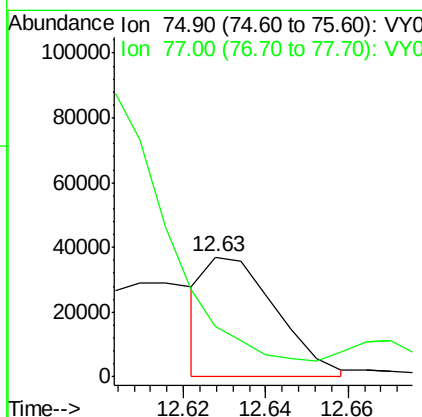
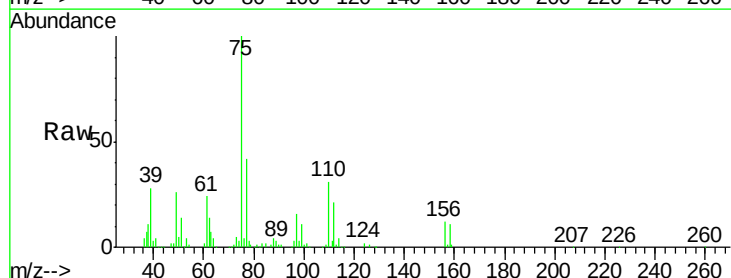
RT: 12.63 min Scan# 1811

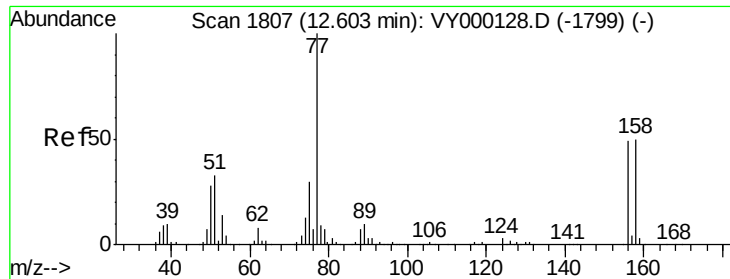
Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	75	Resp:	44245
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.022 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

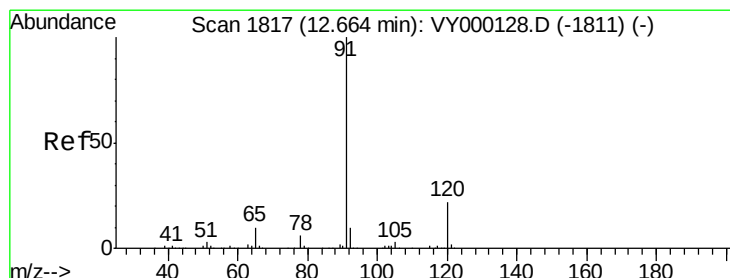
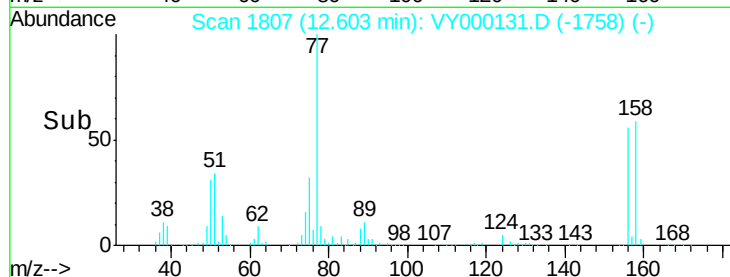
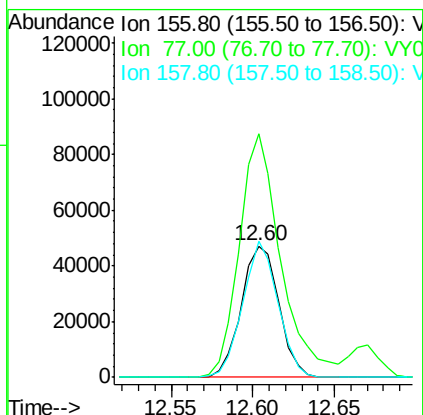
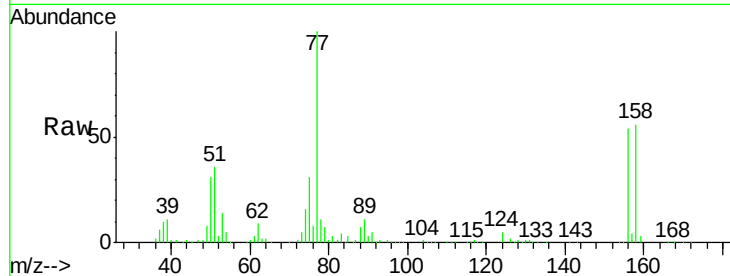
ClientSampleId :

ICVY092319

Tot Ion:	156	Resp:	75764
Ion	Ratio	Lower	Upper
156	100		
77	205.7	105.0	314.9
158	97.5	48.4	145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 49.919 ug/l

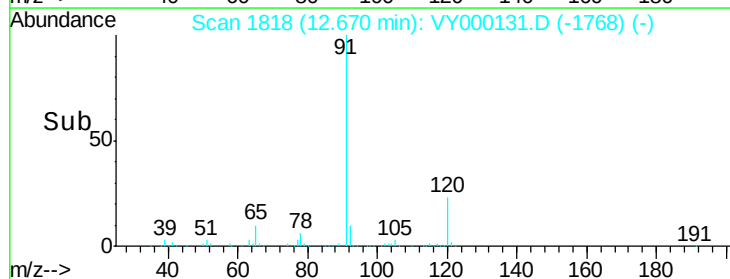
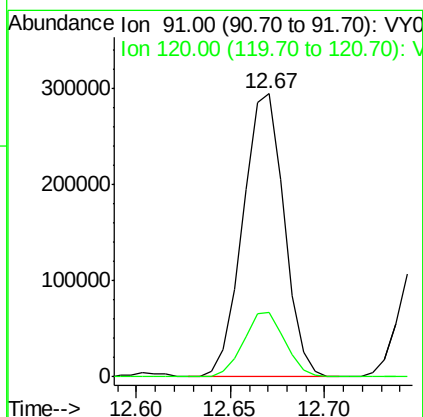
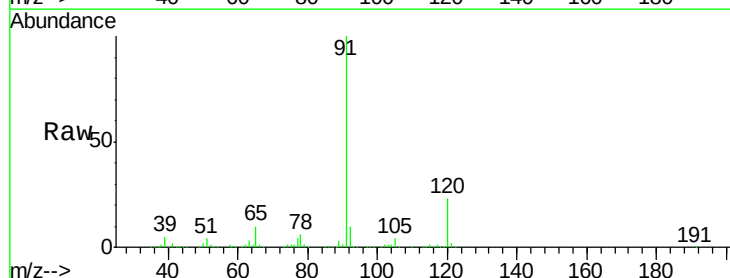
RT: 12.67 min Scan# 1818

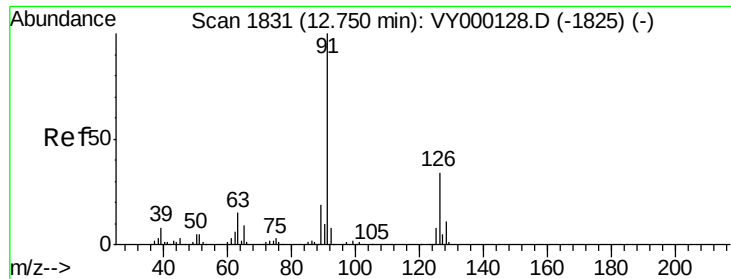
Delta R.T. 0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	91	Resp:	447173
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.6	34.7





#79

2-Chlorotoluene

Concen: 48.924 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion: 91 Resp: 240590

Ion Ratio Lower Upper

91 100

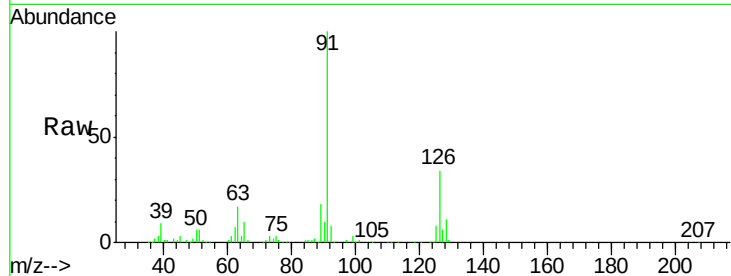
126 34.7 17.5 52.5

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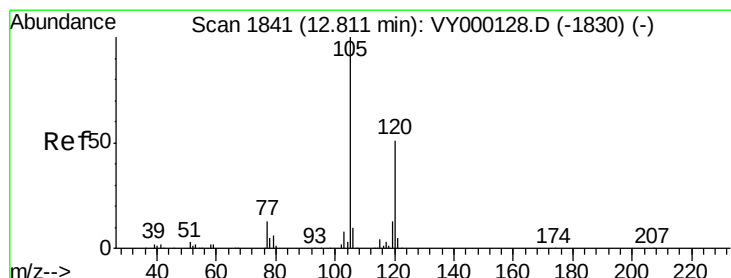
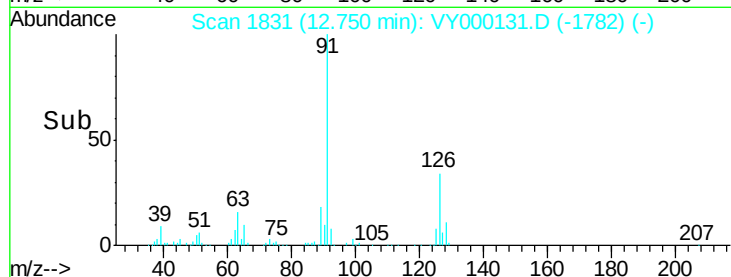
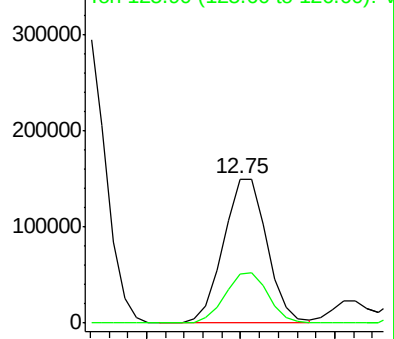
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Abundance Ion 91.00 (90.70 to 91.70): VY000128.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.182 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000131.D

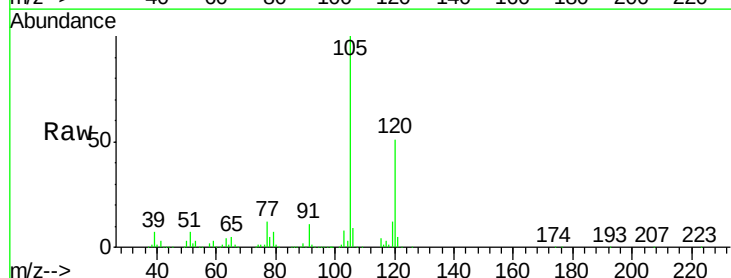
Acq: 23 Sep 2019 13:32

Tgt Ion: 105 Resp: 304180

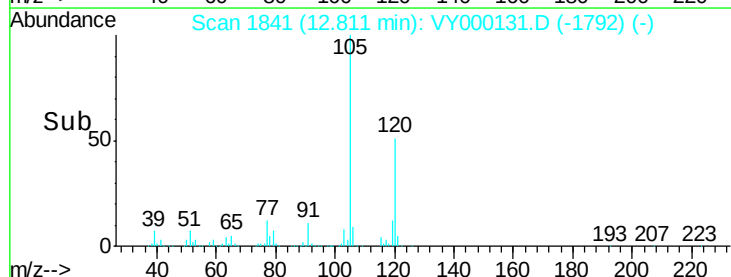
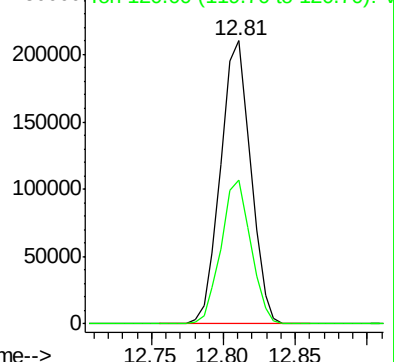
Ion Ratio Lower Upper

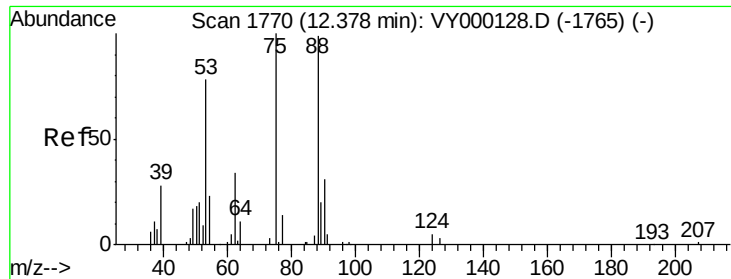
105 100

120 50.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY000128.D (-1830) (-)





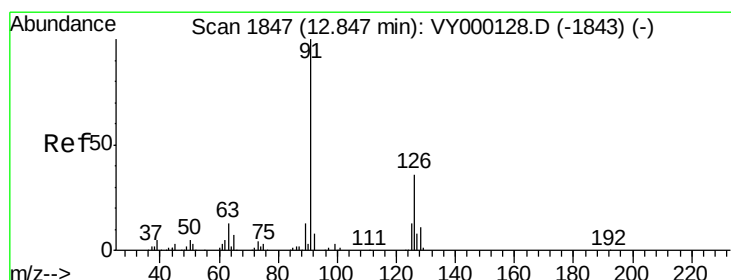
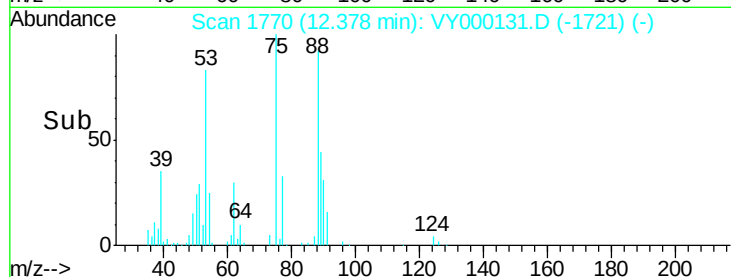
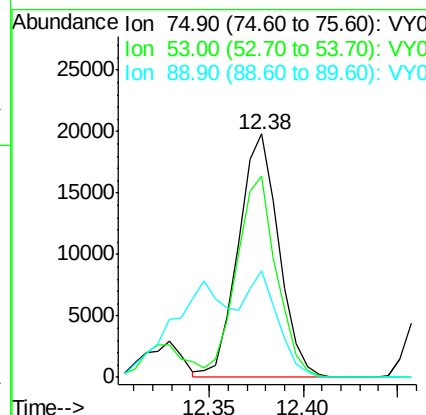
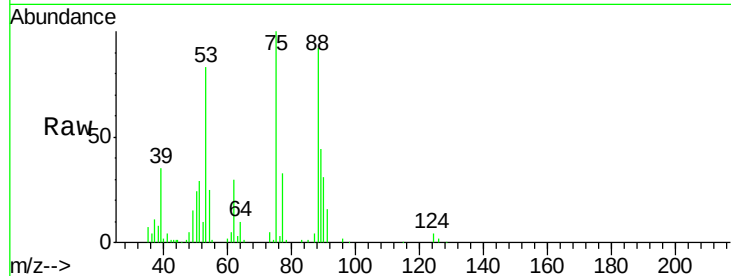
#81
trans-1,4-Dichloro-2-butene
Concen: 50.609 ug/l
RT: 12.38 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092319

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.9	62.5	93.7
89	32.9	31.4	47.2

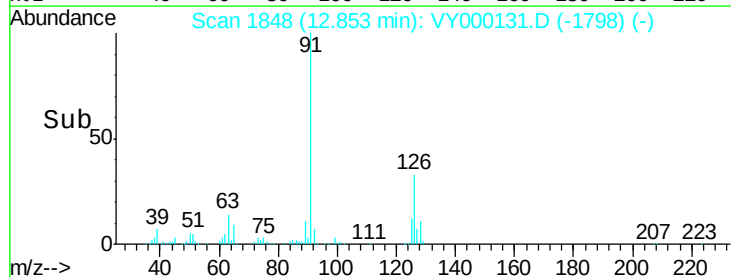
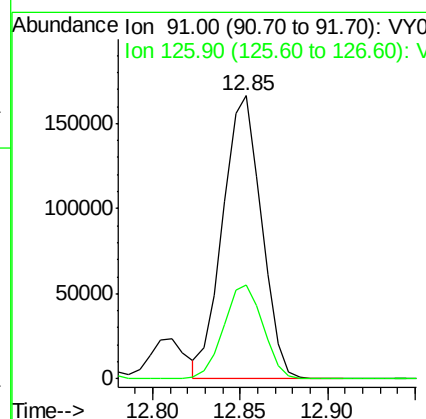
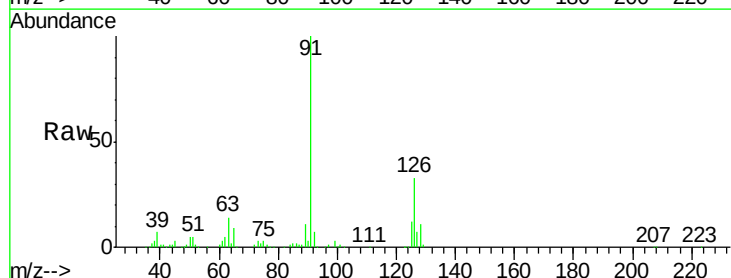
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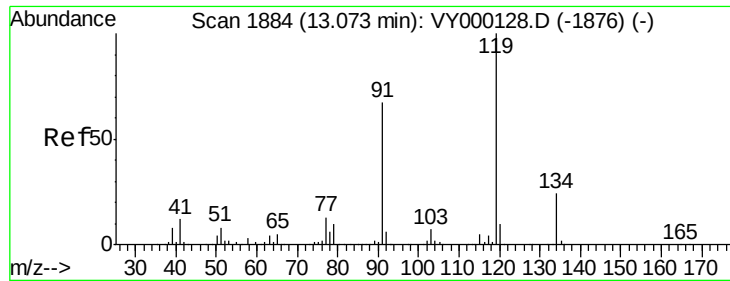
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#82
4-Chlorotoluene
Concen: 50.448 ug/l
RT: 12.85 min Scan# 1848
Delta R.T. 0.01 min
Lab File: VY000131.D
Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.3	51.9





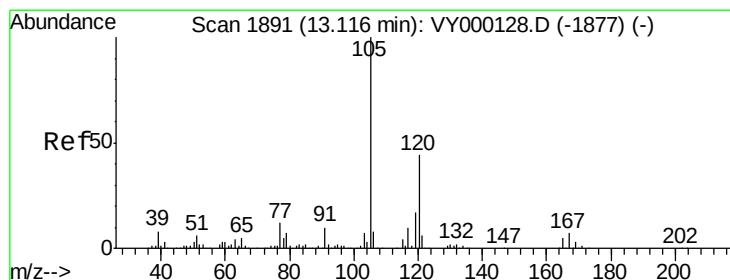
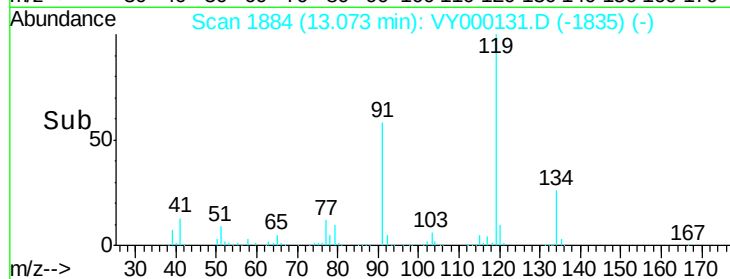
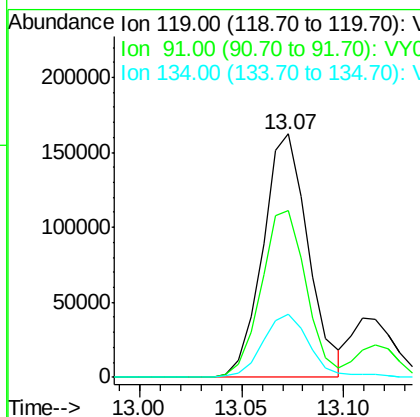
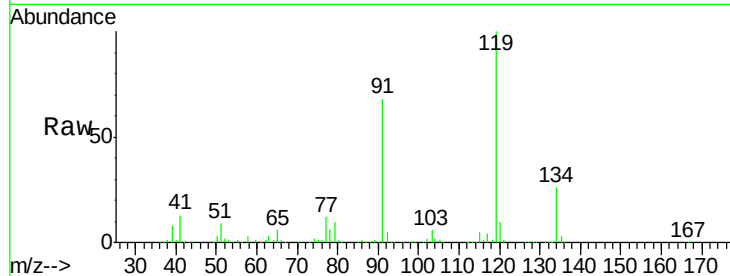
#83
 tert-Butylbenzene
 Concen: 50.742 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

Tot Ion	Ratio	Resp	Lower	Upper
119	100	251950		
91	67.9	33.6	100.8	
134	26.9	12.6	37.6	

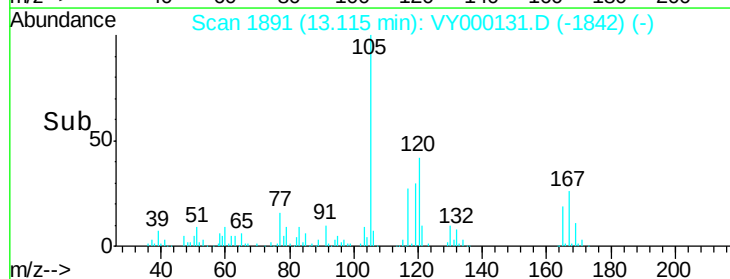
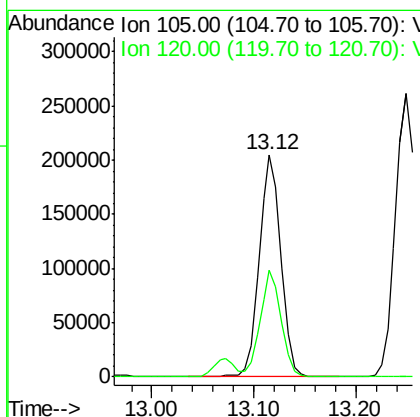
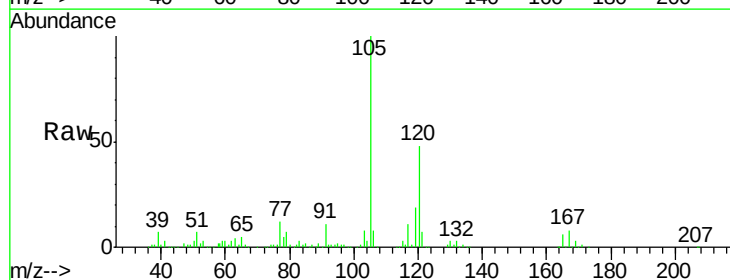
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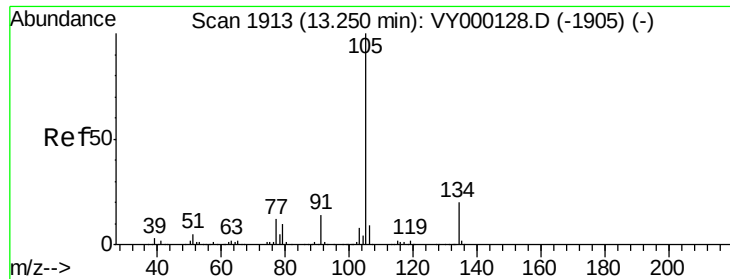
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.244 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303937		
120	46.1	22.9	68.8	





#85

sec-Butylbenzene

Concen: 50.972 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092319

Tot Ion:105 Resp: 378340

Ion Ratio Lower Upper

105 100

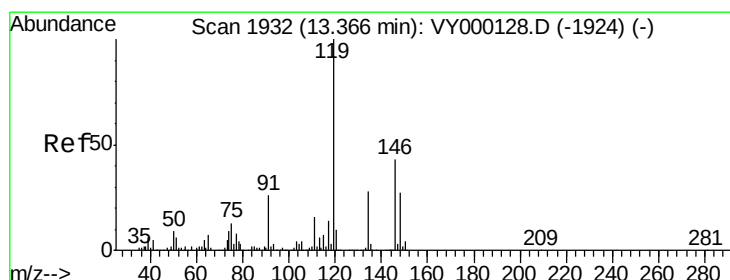
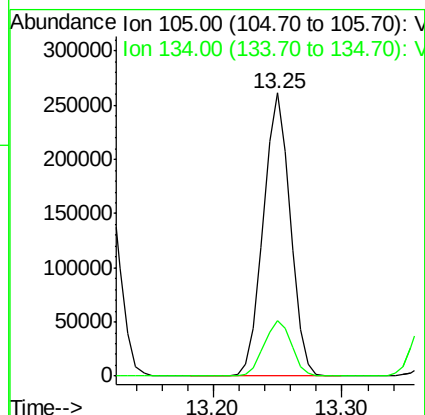
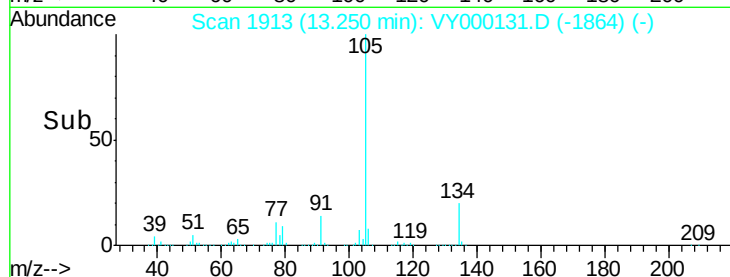
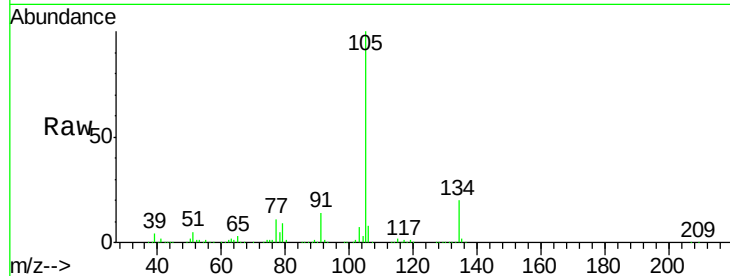
134 20.2 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 50.187 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

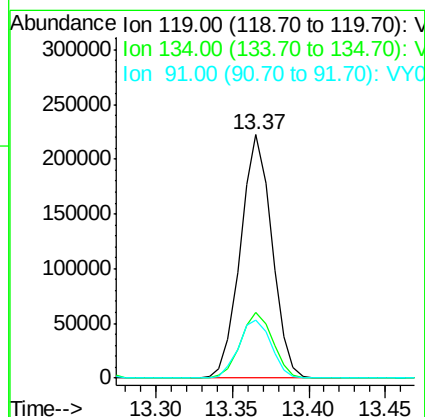
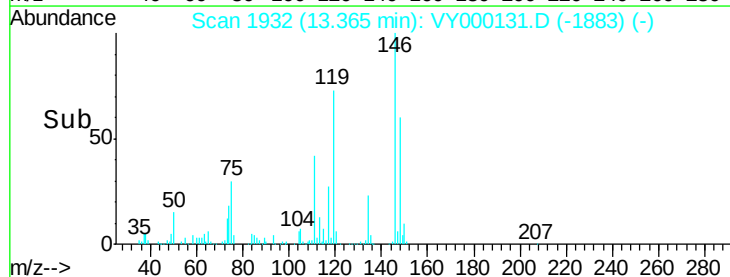
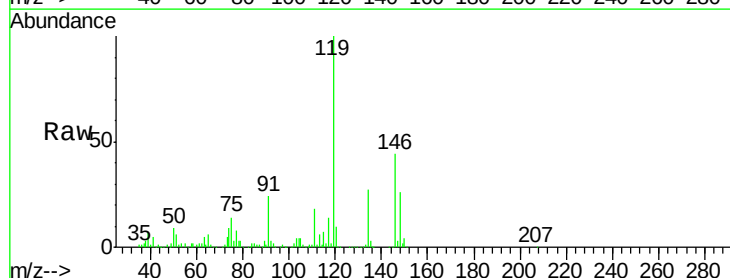
Tgt Ion:119 Resp: 317616

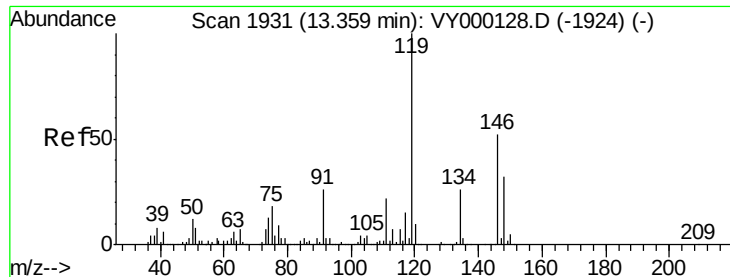
Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

91 25.1 12.8 38.3





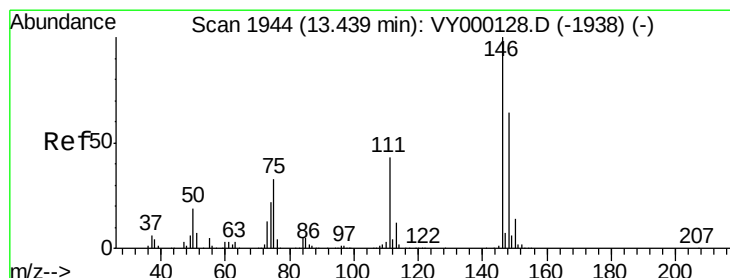
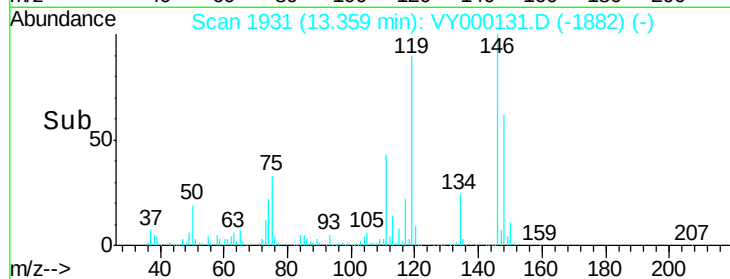
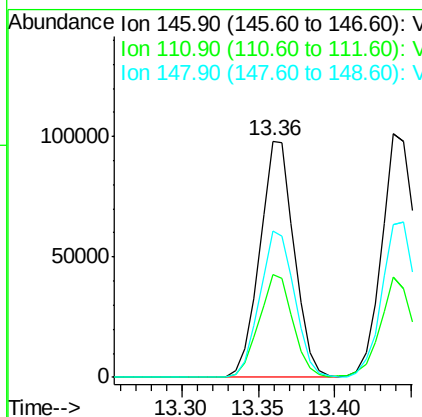
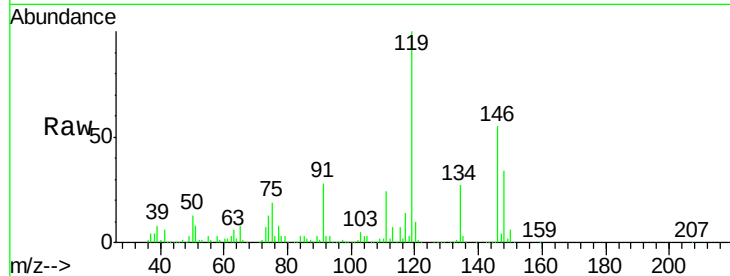
#87
 1,3-Dichlorobenzene
 Concen: 51.915 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

Tot Ion	Ratio	Resp	Lower	Upper
146	100	153851		
111	42.7	20.4	61.2	
148	62.4	31.9	95.5	

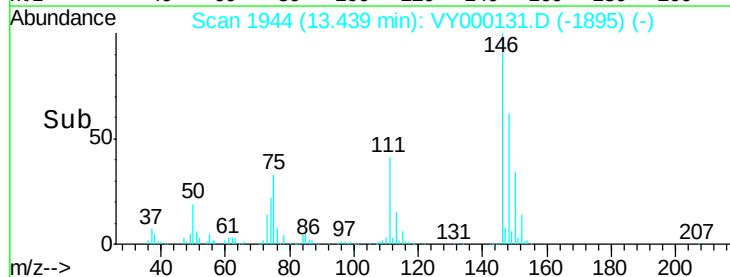
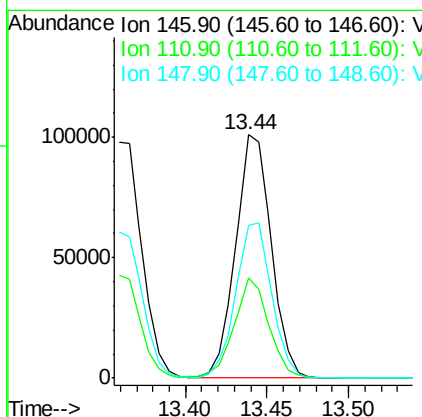
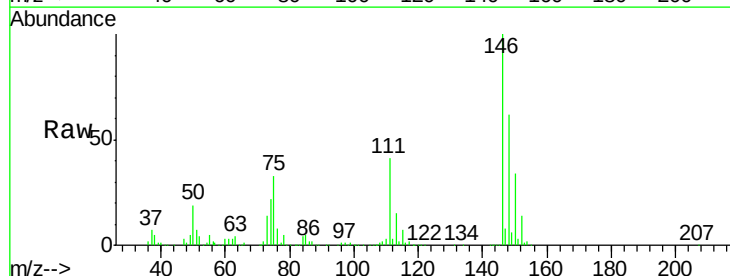
Manual Integrations
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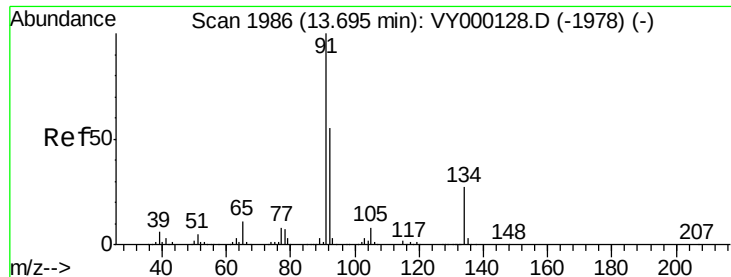
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#88
 1,4-Dichlorobenzene
 Concen: 50.897 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153961		
111	40.1	20.6	61.8	
148	64.4	31.6	95.0	





#89

n-Butylbenzene

Concen: 51.898 ug/l

RT: 13.69 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

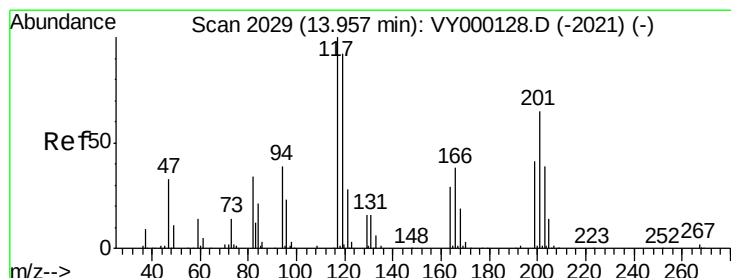
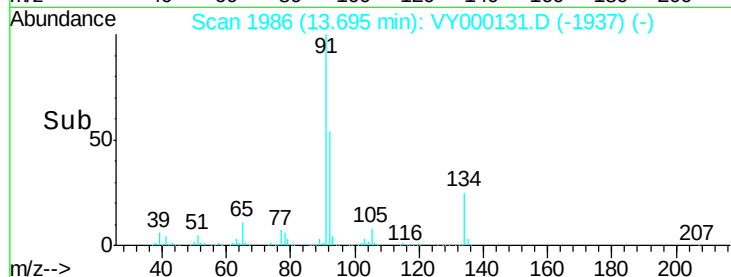
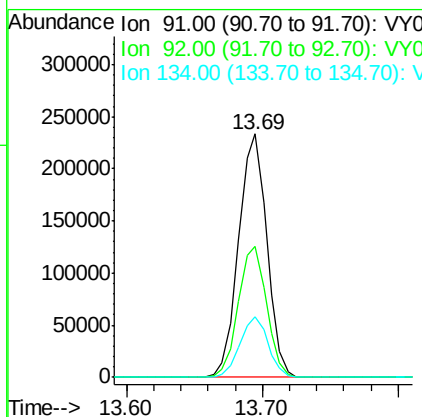
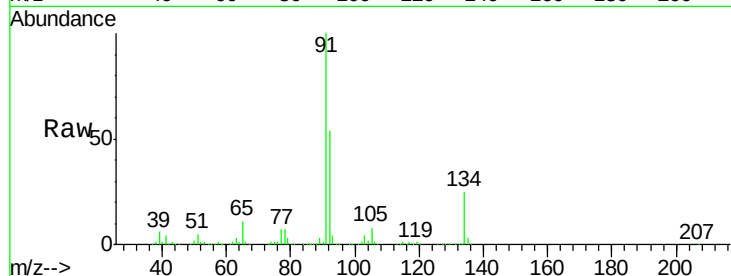
ClientSampleId :

ICVY092319

Tot Ion:	91	Resp:	336904
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.5
134	24.9	12.9	38.7

Manual Integrations
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#90

Hexachloroethane

Concen: 50.244 ug/l

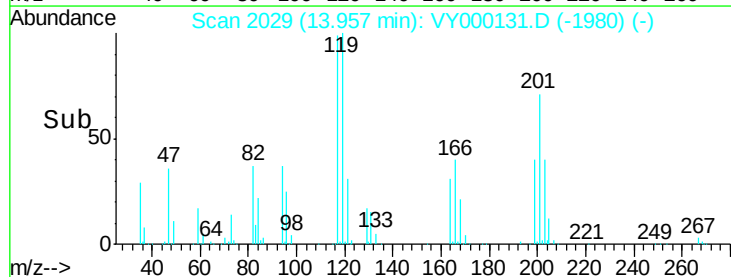
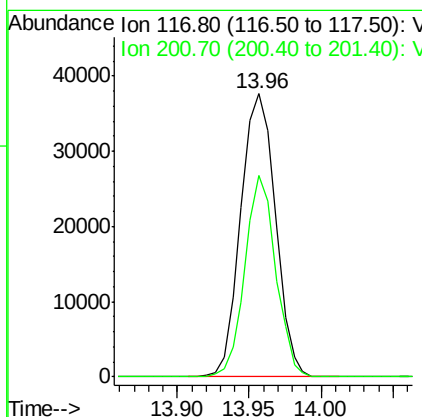
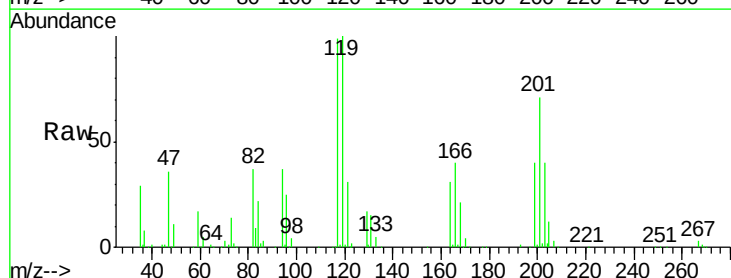
RT: 13.96 min Scan# 2029

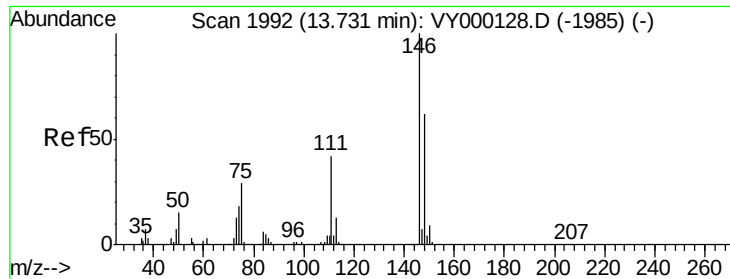
Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	117	Resp:	62971
Ion	Ratio	Lower	Upper
117	100		
201	62.8	30.1	90.5





#91

1,2-Dichlorobenzene

Concen: 51.067 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. 0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

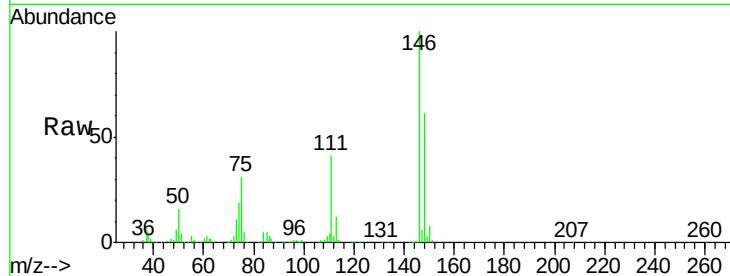
ClientSampleId :

ICVY092319

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	61.9	31.5	94.5

Manual Integrations
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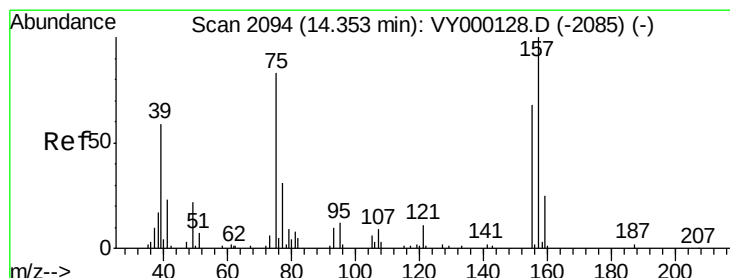
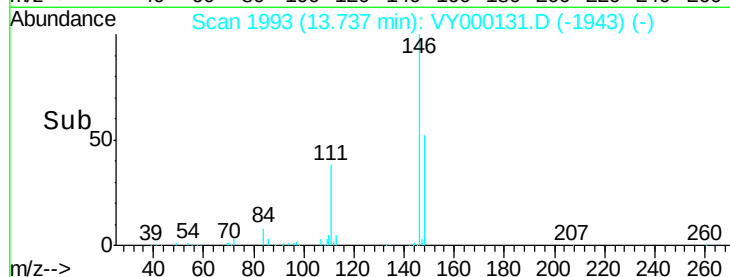
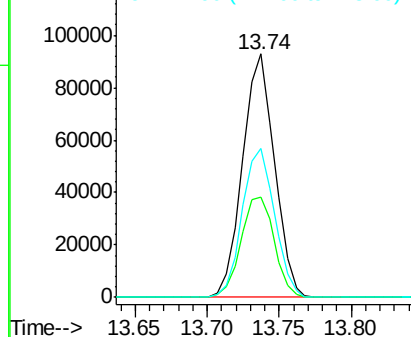


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.172 ug/l

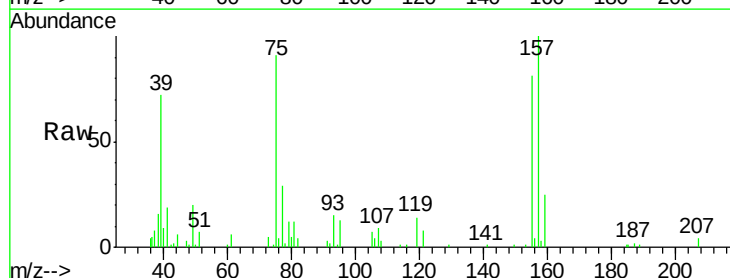
RT: 14.36 min Scan# 2095

Delta R.T. 0.01 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	44.7	134.1
157	114.9	55.9	167.7

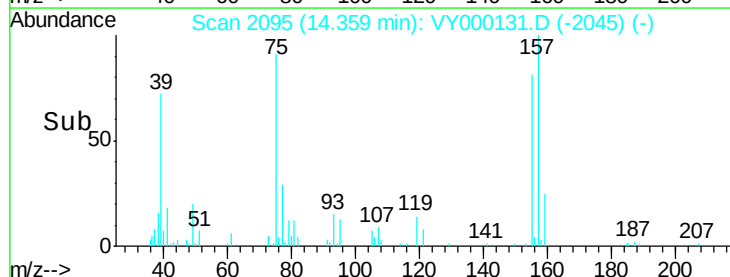
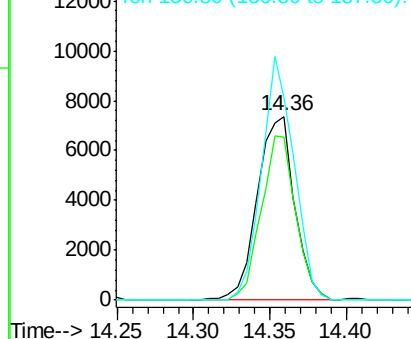


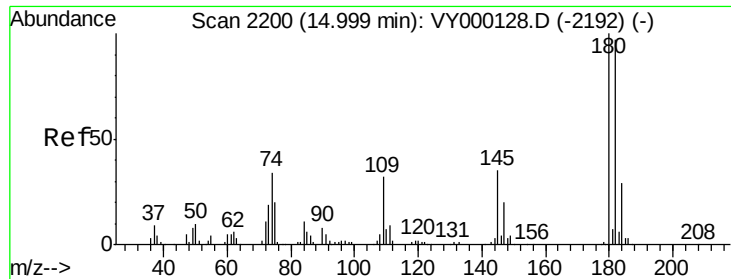
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





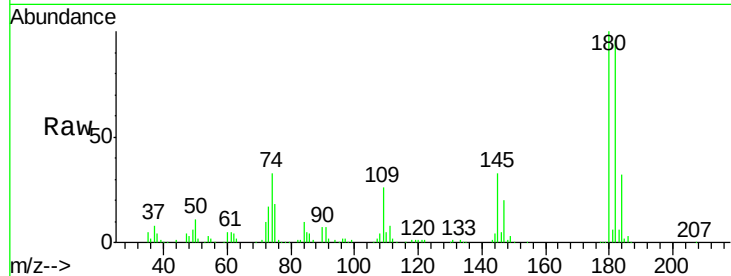
#93
 1,2,4-Trichlorobenzene
 Concen: 52.245 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092319

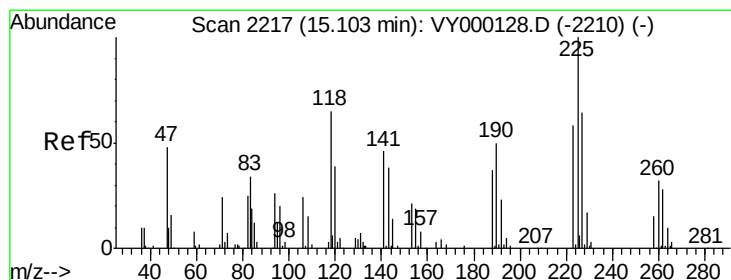
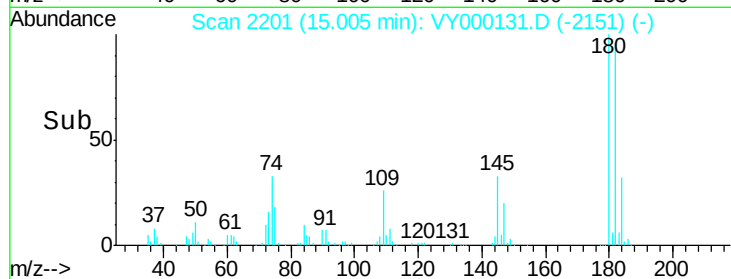
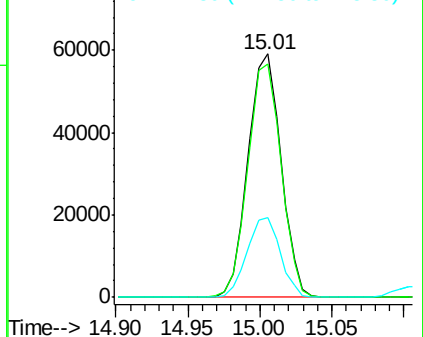
Tot Ion	Ratio	Resp	Lower	Upper
180	100	93913		
182	96.4	46.1	138.2	
145	33.0	16.8	50.3	

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:26 AM

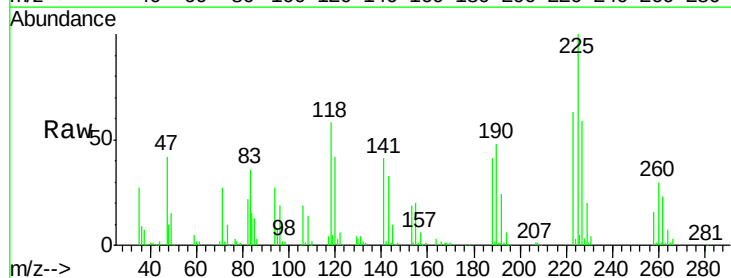


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

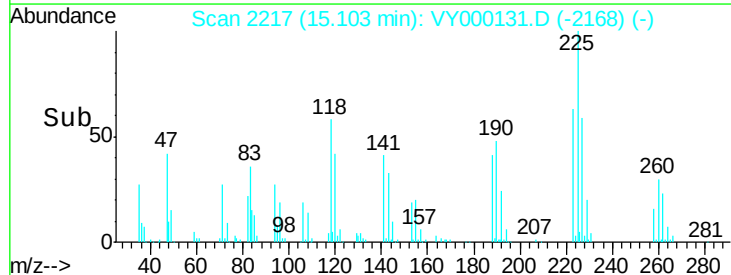
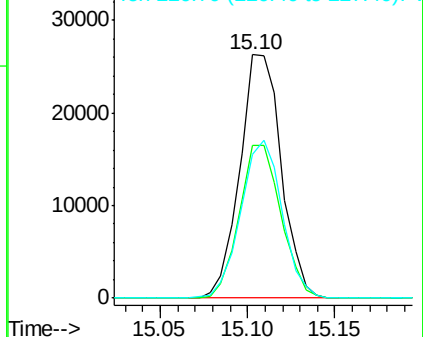


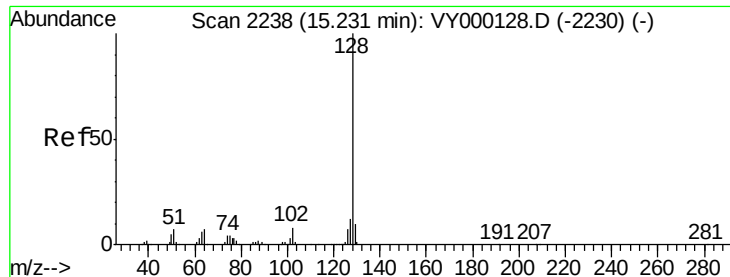
#94
 Hexachlorobutadiene
 Concen: 54.160 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000131.D
 Acq: 23 Sep 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43271		
223	63.4	31.9	95.5	
227	64.7	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.558 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Instrument :

MSVOA_Y

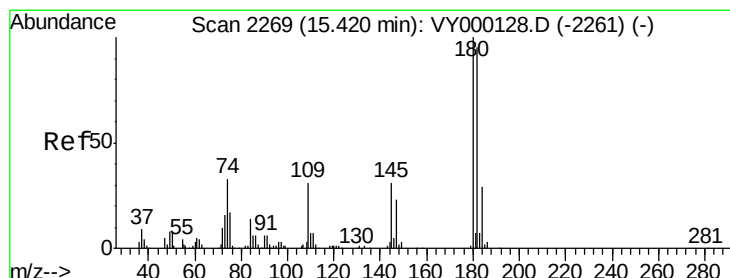
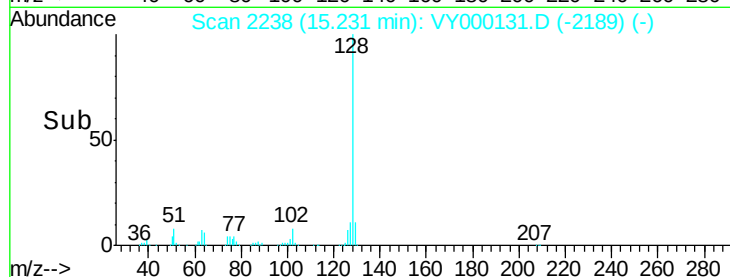
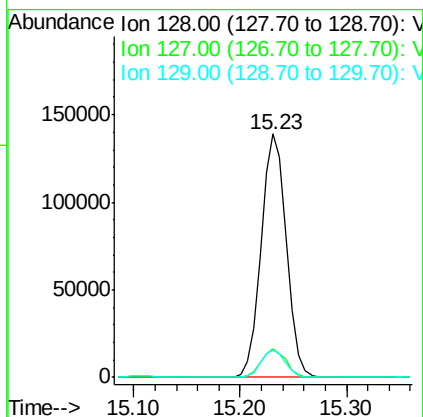
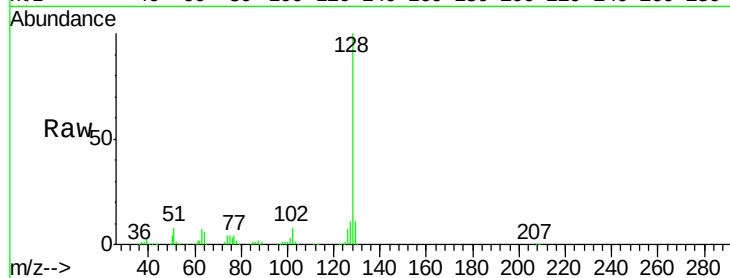
ClientSampleId :

ICVVY092319

Tot Ion:	128	Resp:	229737
Ion Ratio	Lower	Upper	
128	100		
127	11.6	9.7	14.5
129	10.9	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/25/2019 12:39:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.758 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VY000131.D

Acq: 23 Sep 2019 13:32

Tgt Ion:	180	Resp:	84582
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.4	142.3
145	33.7	17.5	52.6

