

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000018.D
 Acq On : 12 Sep 2019 11:09
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.00ml
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:49 PM

Quant Time: Sep 12 15:43:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	152479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	279206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	241631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	7779	4.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.48%	
35) Dibromofluoromethane	7.73	113	7511	4.69	ug/l	0.01
Spiked Amount	50.000		Recovery	=	9.38%	
50) Toluene-d8	10.18	98	31138	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	
62) 4-Bromofluorobenzene	12.48	95	11613	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	6454	5.740	ug/l 85
3) Chloromethane	2.11	50	15062	8.235	ug/l 99
4) Vinyl Chloride	2.25	62	9456	5.546	ug/l 96
5) Bromomethane	2.63	94	7402	6.830	ug/l # 79
6) Chloroethane	2.78	64	6521	5.745	ug/l 92
7) Trichlorofluoromethane	3.12	101	11911	5.376	ug/l 98
8) Diethyl Ether	3.52	74	4521	4.965	ug/l 74
9) 1,1,2-Trichlorotrifluoroet	3.90	101	7449	4.941	ug/l 95
10) Methyl Iodide	4.09	142	7598	4.608	ug/l # 94
11) Tert butyl alcohol	4.97	59	6228	29.825	ug/l 99
12) 1,1-Dichloroethene	3.86	96	7347	5.229	ug/l 85
13) Acrolein	3.73	56	4232	27.014	ug/l 87
14) Allyl chloride	4.48	41	10820	4.959	ug/l 92
15) Acrylonitrile	5.17	53	14560	25.203	ug/l 96
16) Acetone	3.95	43	12236	26.868	ug/l 95
17) Carbon Disulfide	4.18	76	18851	6.662	ug/l 98
18) Methyl Acetate	4.48	43	7685	5.997	ug/l 92
19) Methyl tert-butyl Ether	5.23	73	20582	4.836	ug/l 93
20) Methylene Chloride	4.71	84	11662	6.423	ug/l 96
21) trans-1,2-Dichloroethene	5.21	96	8964	5.761	ug/l 90
22) Diisopropyl ether	6.12	45	23935	4.970	ug/l # 88
23) Vinyl Acetate	6.06	43	82219	24.676	ug/l 97
24) 1,1-Dichloroethane	6.02	63	14859	5.206	ug/l # 92
25) 2-Butanone	7.00	43	20431	27.600	ug/l 98
26) 2,2-Dichloropropane	6.98	77	15397	5.807	ug/l 94
27) cis-1,2-Dichloroethene	6.99	96	10539	5.369	ug/l 95
28) Bromochloromethane	7.34	49	6244	4.764	ug/l 94
29) Tetrahydrofuran	7.35	42	11997	27.244	ug/l 97
30) Chloroform	7.51	83	15225	5.173	ug/l 91
31) Cyclohexane	7.78	56	15679	6.591	ug/l # 73
32) 1,1,1-Trichloroethane	7.70	97	12464	5.162	ug/l 98
36) 1,1-Dichloropropene	7.92	75	10201	4.976	ug/l 91
37) Ethyl Acetate	7.08	43	7739	5.598	ug/l 98
38) Carbon Tetrachloride	7.90	117	9245	4.778	ug/l # 88

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	14328	5.657	ug/l	92
40) Benzene	8.16	78	35682	5.346	ug/l #	90
41) Methacrylonitrile	7.31	41	3406	1.897	ug/l #	54
42) 1,2-Dichloroethane	8.24	62	8630	5.060	ug/l	99
43) Isopropyl Acetate	8.28	43	13746	5.131	ug/l	98
44) Trichloroethene	8.93	130	8670	5.203	ug/l	97
45) 1,2-Dichloropropane	9.21	63	9172	5.330	ug/l #	84
46) Dibromomethane	9.31	93	5150	5.392	ug/l	90
47) Bromodichloromethane	9.50	83	11210	4.917	ug/l	100
48) Methyl methacrylate	9.29	41	6552	5.543	ug/l	97
49) 1,4-Dioxane	9.29	88	2414	120.688	ug/l #	85
51) 4-Methyl-2-Pentanone	10.07	43	41700	27.781	ug/l	96
52) Toluene	10.24	92	21660	5.165	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	11845	4.941	ug/l	91
54) cis-1,3-Dichloropropene	9.93	75	14968	5.366	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	8179	5.404	ug/l #	92
56) Ethyl methacrylate	10.51	69	11267	5.304	ug/l	99
57) 1,3-Dichloropropane	10.79	76	12517	5.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	29363	25.236	ug/l	96
59) 2-Hexanone	10.83	43	29099	26.902	ug/l	99
60) Dibromochloromethane	10.98	129	8391	5.261	ug/l	100
61) 1,2-Dibromoethane	11.09	107	6668	4.988	ug/l	93
64) Tetrachloroethene	10.71	164	7964	5.375	ug/l	91
65) Chlorobenzene	11.51	112	23135	5.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	8073	5.060	ug/l	93
67) Ethyl Benzene	11.59	91	43360	5.184	ug/l	96
68) m/p-Xylenes	11.69	106	32172	10.193	ug/l	99
69) o-Xylene	12.02	106	16906	5.465	ug/l	92
70) Styrene	12.04	104	27343	5.081	ug/l	99
71) Bromoform	12.20	173	4789	4.972	ug/l #	94
73) Isopropylbenzene	12.32	105	40337	5.075	ug/l	96
74) N-amyl acetate	12.14	43	12639	5.387	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	10273	5.406	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	8709m	3.775	ug/l	
77) Bromobenzene	12.60	156	8776	5.220	ug/l	92
78) n-propylbenzene	12.66	91	50441	5.193	ug/l	99
79) 2-Chlorotoluene	12.75	91	30171	5.555	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	34339	5.175	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	4213	5.784	ug/l	97
82) 4-Chlorotoluene	12.85	91	30455	5.343	ug/l	97
83) tert-Butylbenzene	13.07	119	29366	5.150	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	34405	5.248	ug/l	99
85) sec-Butylbenzene	13.24	105	44672	5.309	ug/l	98
86) p-Isopropyltoluene	13.37	119	37313	5.227	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	17869	5.281	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	17869	5.248	ug/l	92
89) n-Butylbenzene	13.69	91	36082	4.988	ug/l	98
90) Hexachloroethane	13.95	117	7066	4.953	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	17064	5.419	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2423	6.558	ug/l	82

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ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Sep 12 15:35:32 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.99	180	11196	5.572	ug/l	97
94) Hexachlorobutadiene	15.10	225	4991	5.416	ug/l	95
95) Naphthalene	15.22	128	29526	5.371	ug/l	97
96) 1,2,3-Trichlorobenzene	15.41	180	9365	5.192	ug/l	98

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

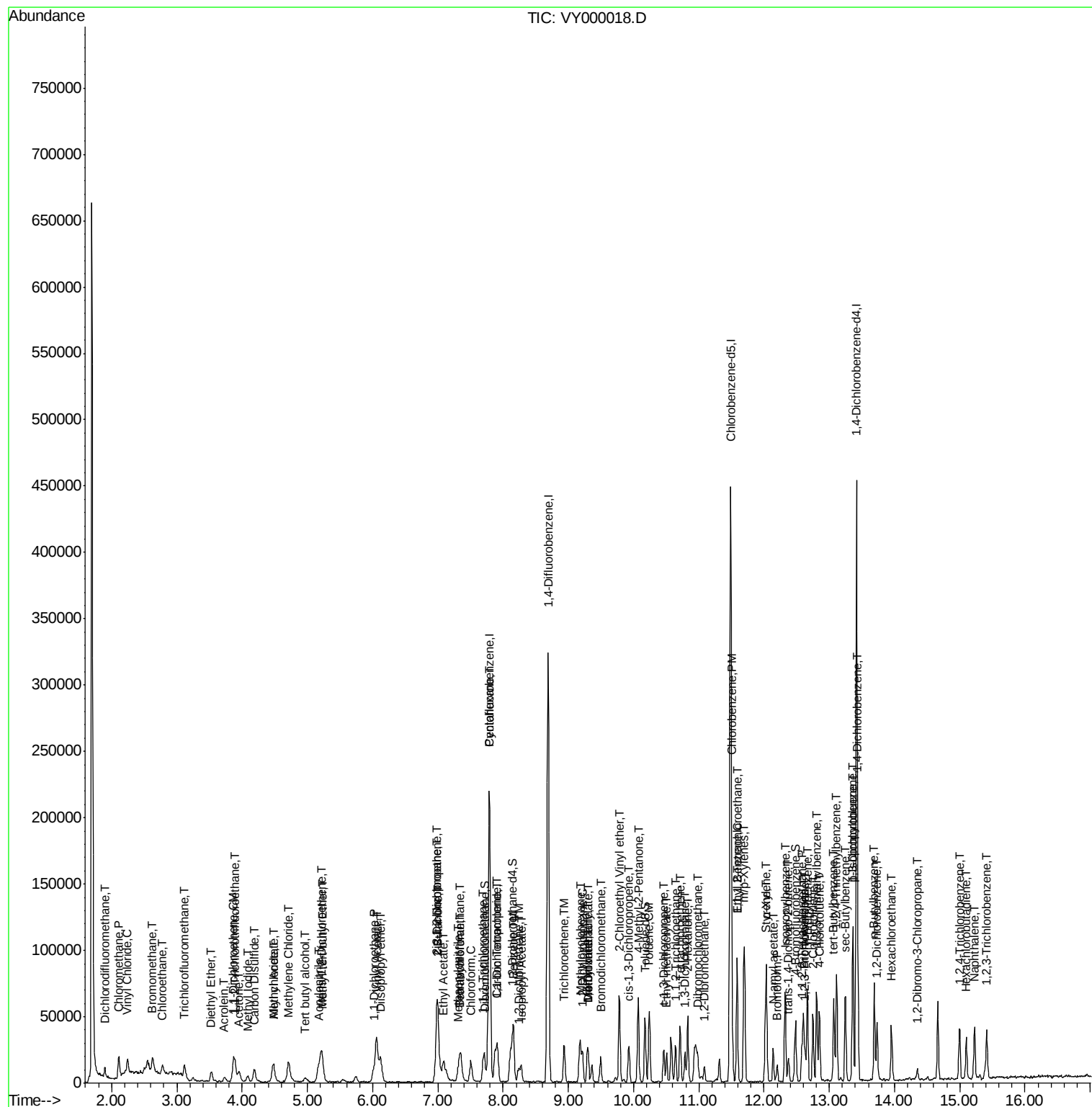
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
Data File : VY000018.D
Acq On : 12 Sep 2019 11:09
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00µl/5.00ml
ALS Vial : 4 Sample Multiplier: 1

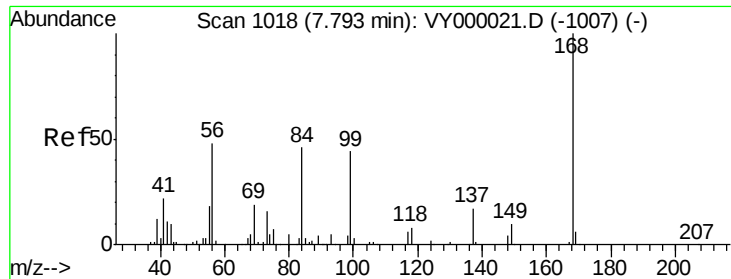
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

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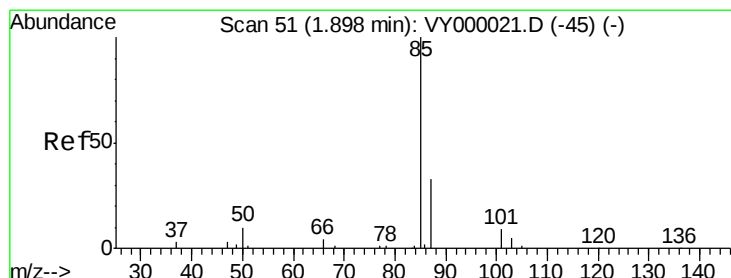
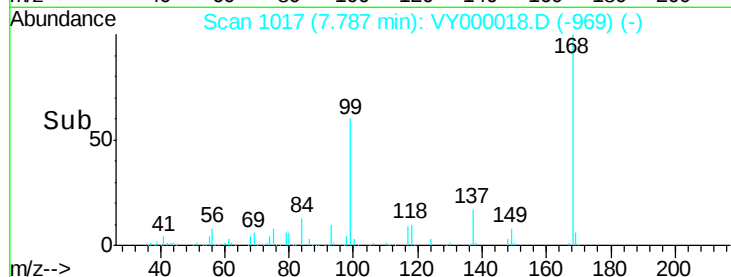
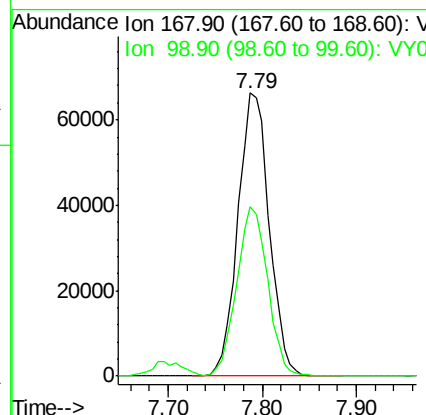
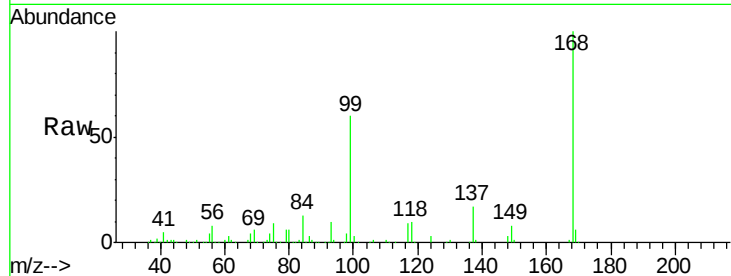
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
168	100	152479		
99	59.9	46.3	69.5	

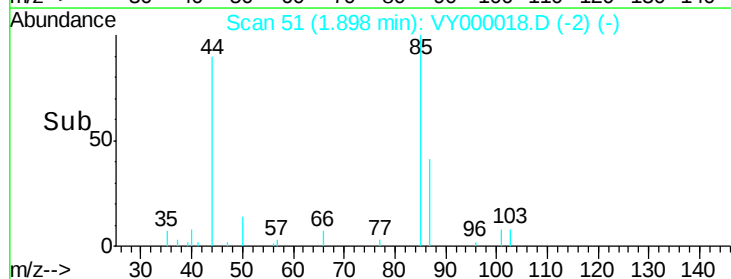
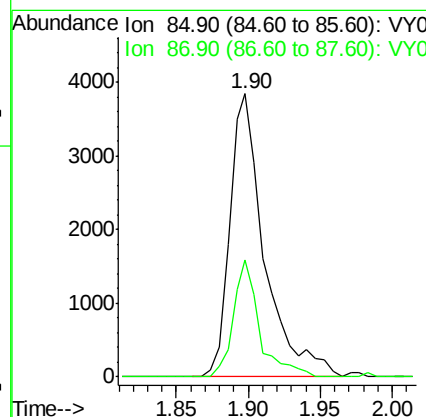
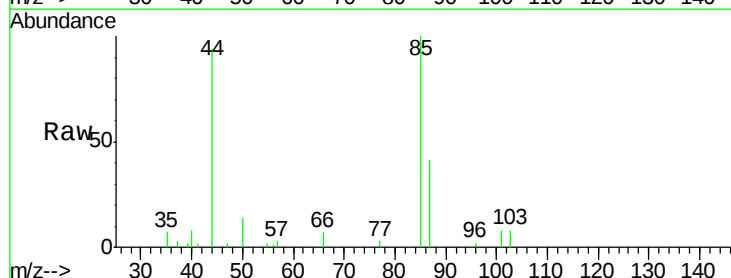
Manual Integrations
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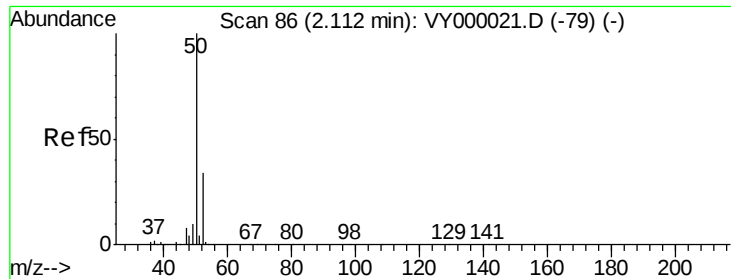
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#2
Dichlorodifluoromethane
Concen: 5.740 ug/l
RT: 1.90 min Scan# 51
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	6454		
87	41.4	16.6	49.7	





#3

Chloromethane

Concen: 8.235 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15062

Ion Ratio Lower Upper

50 100

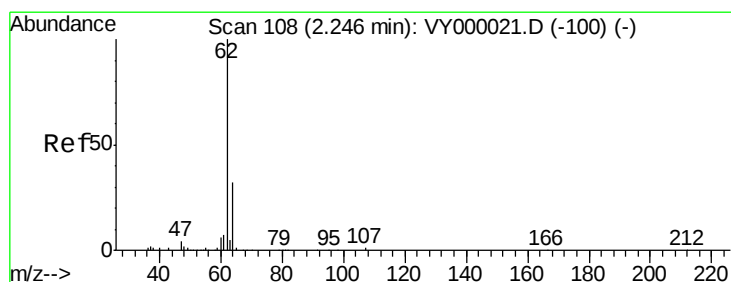
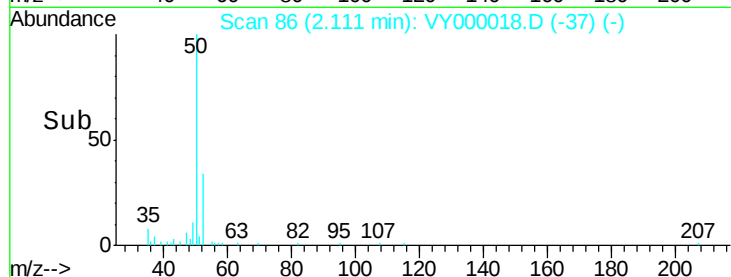
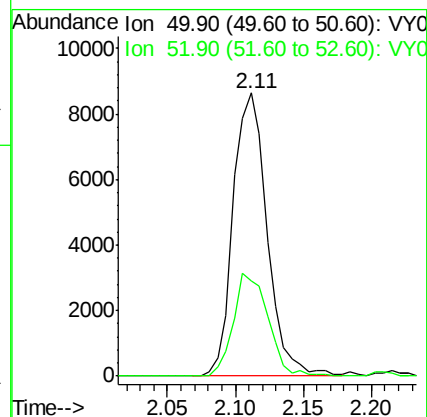
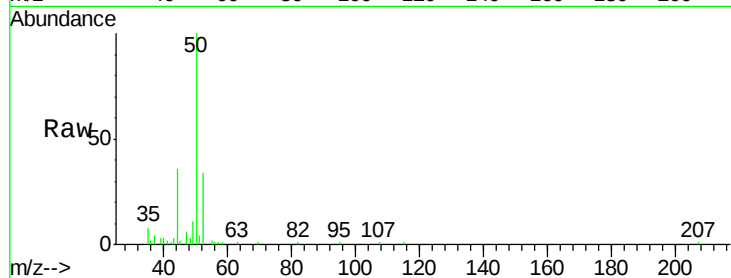
52 33.5 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.546 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000018.D

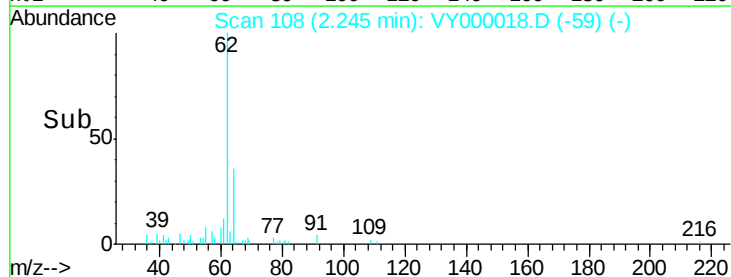
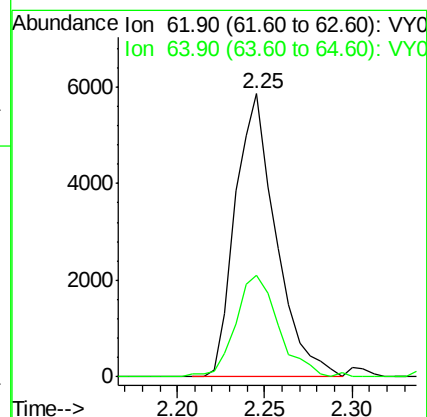
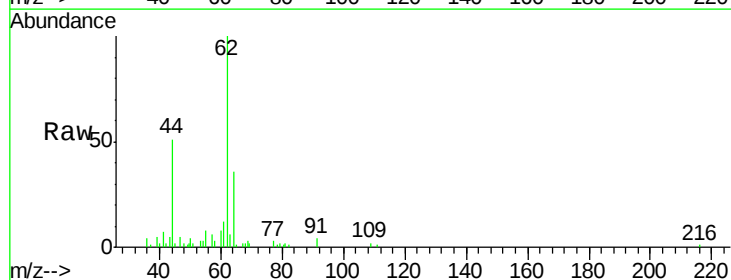
Acq: 12 Sep 2019 11:09

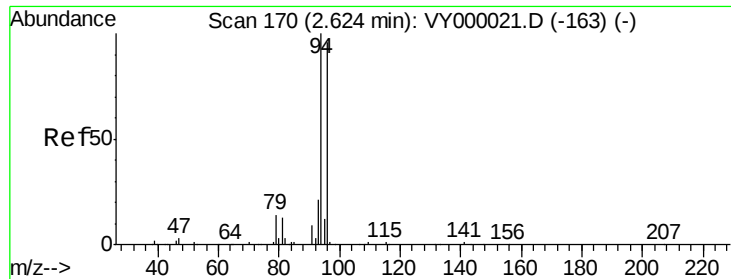
Tgt Ion: 62 Resp: 9456

Ion Ratio Lower Upper

62 100

64 34.9 26.1 39.1





#5

Bromomethane

Concen: 6.830 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7402

Ion Ratio Lower Upper

94 100

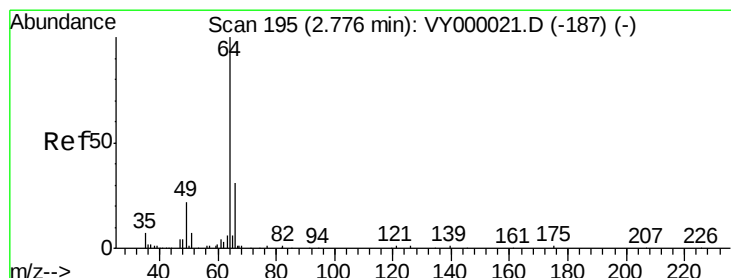
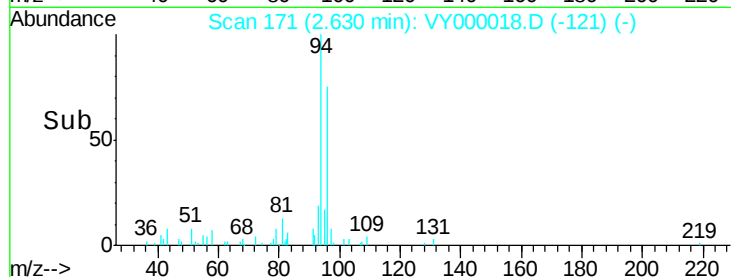
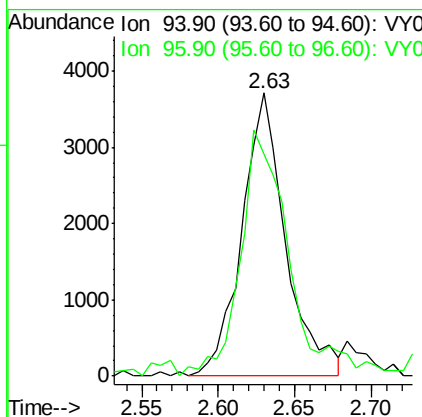
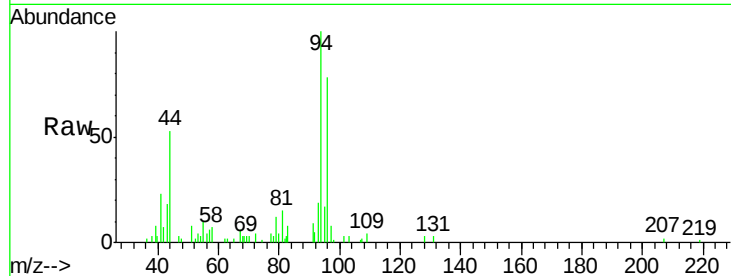
96 75.2 76.8 115.2#

Manual Integrations

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#6

Chloroethane

Concen: 5.745 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VY000018.D

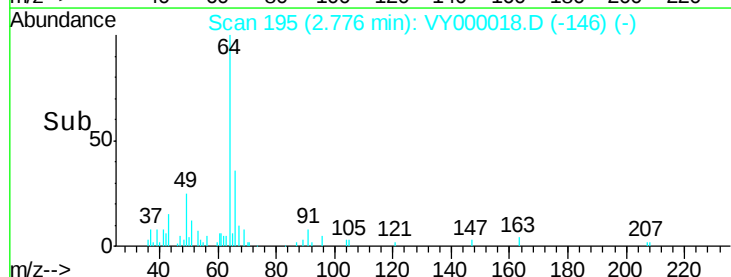
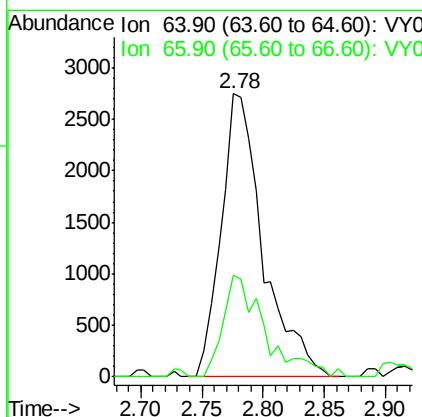
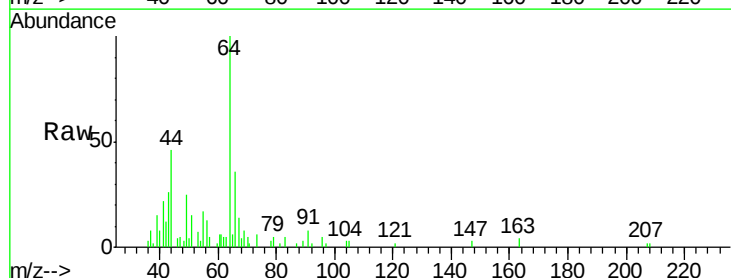
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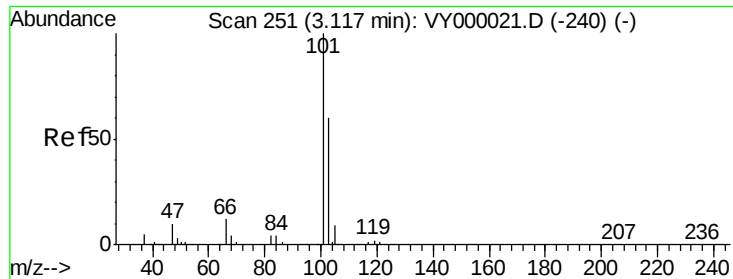
Tgt Ion: 64 Resp: 6521

Ion Ratio Lower Upper

64 100

66 35.7 25.0 37.6





#7

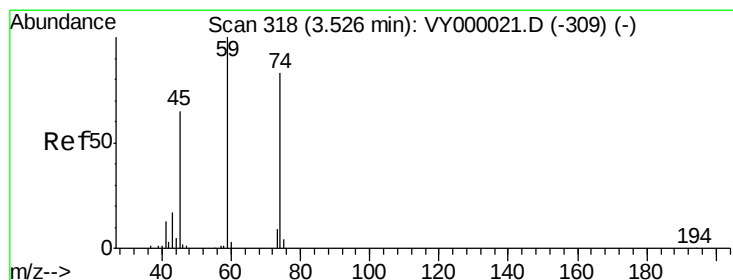
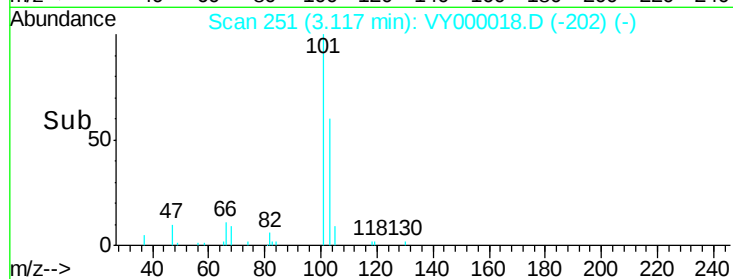
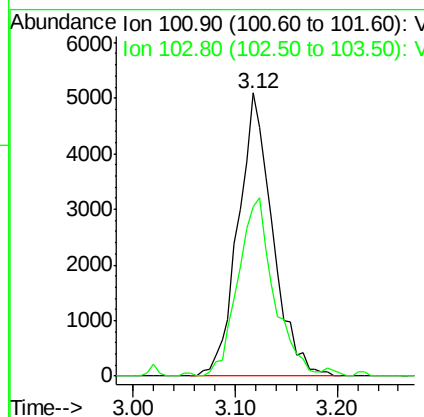
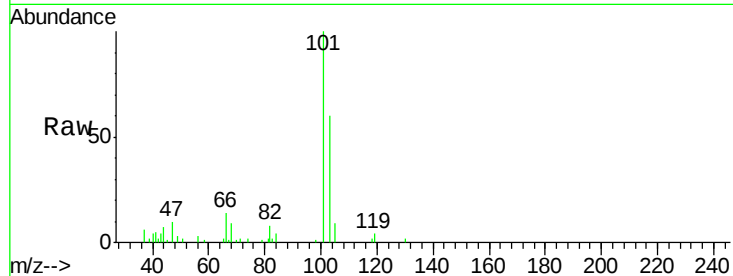
Trichlorofluoromethane
 Concen: 5.376 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.6	48.1	72.1

Manual Integrations
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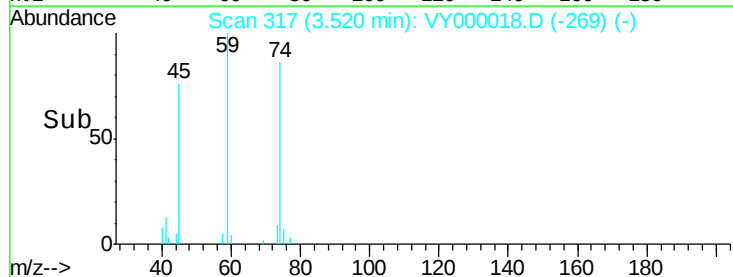
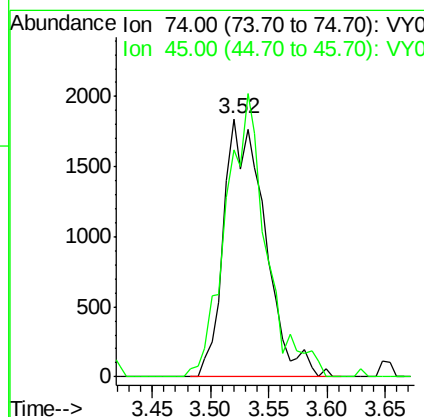
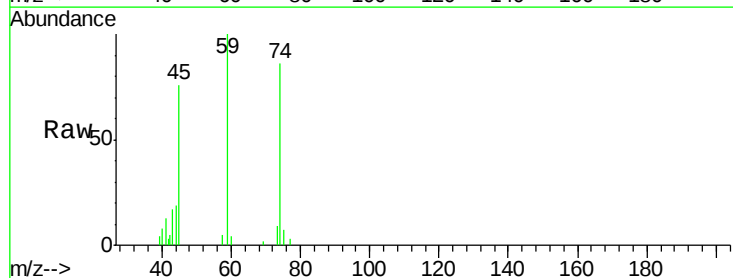
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 9/13/2019 11:53:49 PM

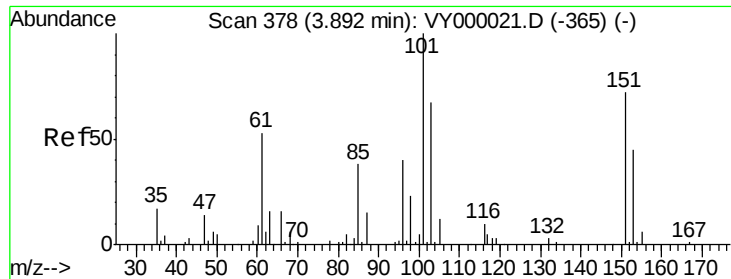


#8

Diethyl Ether
 Concen: 4.965 ug/l
 RT: 3.52 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	41.9	125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.941 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

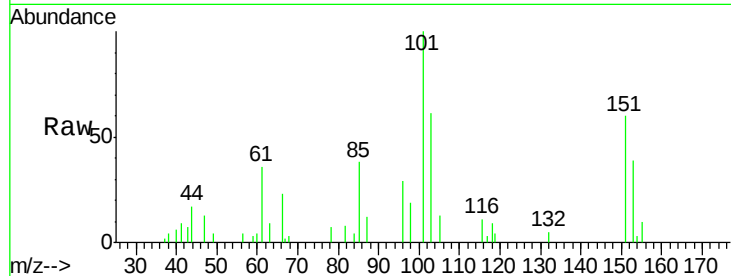
ClientSampleId :

VSTDIC005

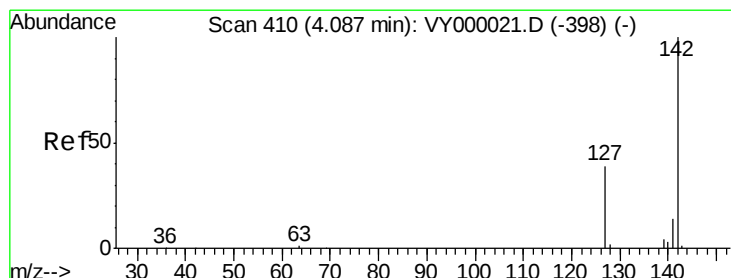
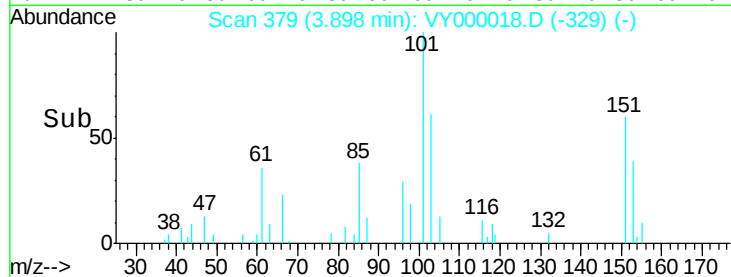
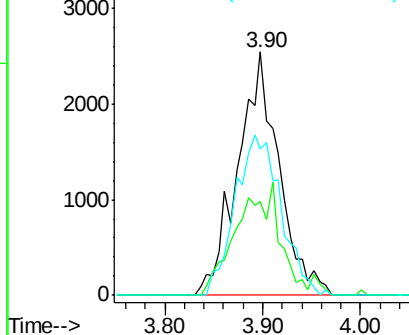
Tot Ion:	101	Resp:	7449
Ion Ratio	Lower	Upper	
101	100		
85	47.9	35.3	52.9
151	73.4	55.9	83.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.608 ug/l

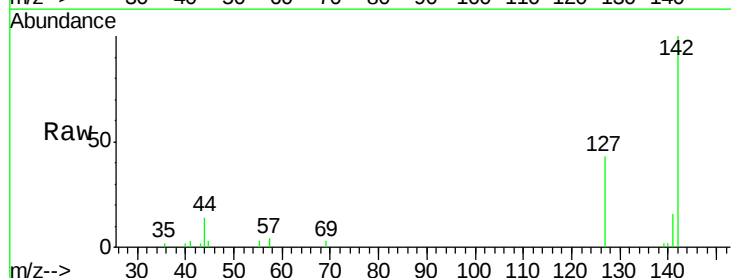
RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

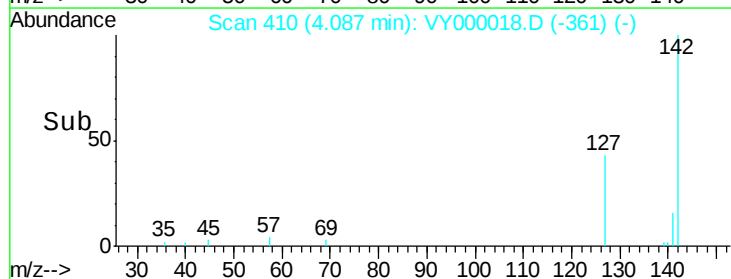
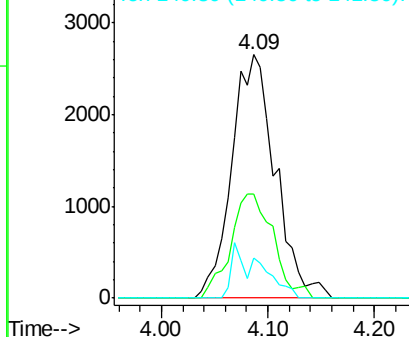
Lab File: VY000018.D

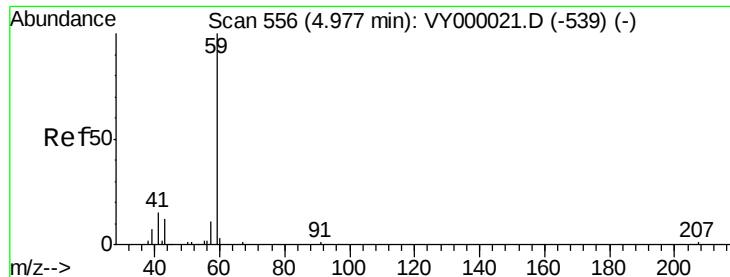
Acq: 12 Sep 2019 11:09

Tgt Ion:	142	Resp:	7598
Ion Ratio	Lower	Upper	
142	100		
127	41.8	31.4	47.2
141	8.3	10.6	16.0#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

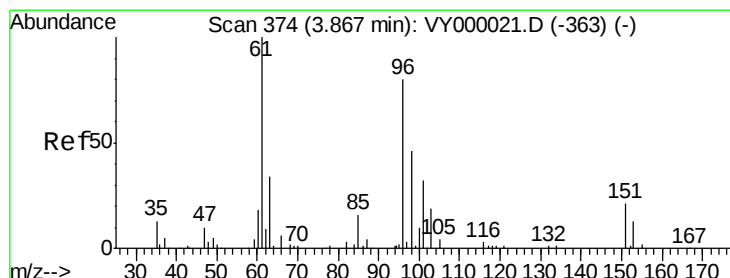
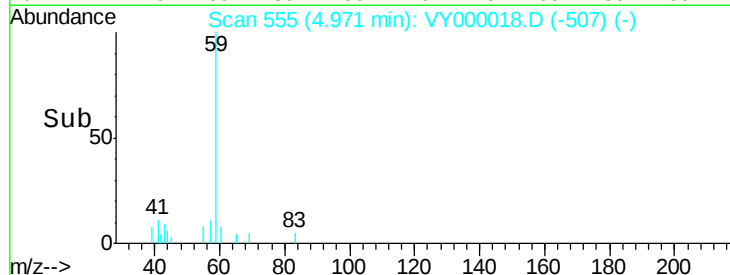
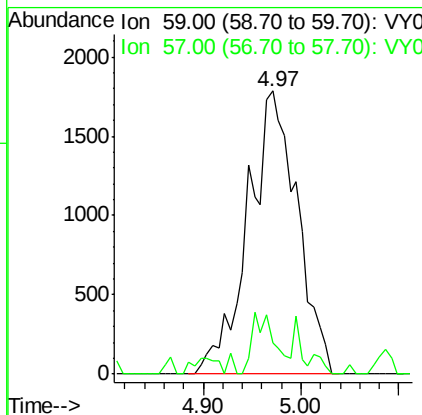
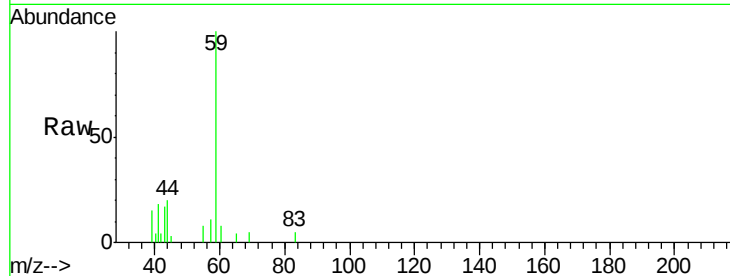
Tert butyl alcohol
Concen: 29.825 ug/l
RT: 4.97 min Scan# 555
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

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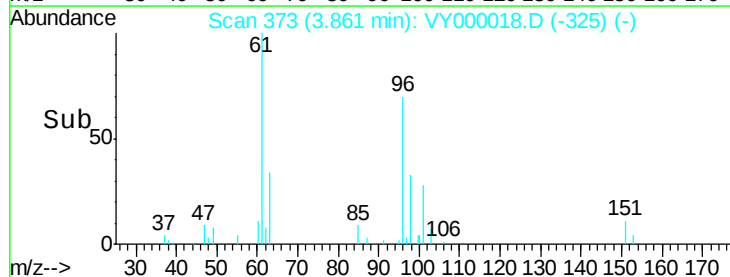
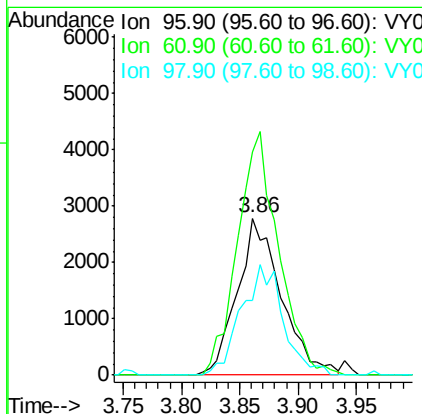
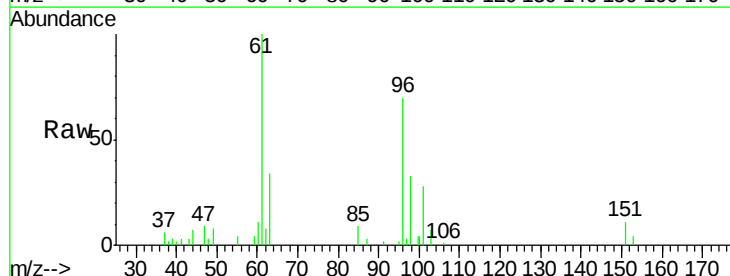
MMDadoda
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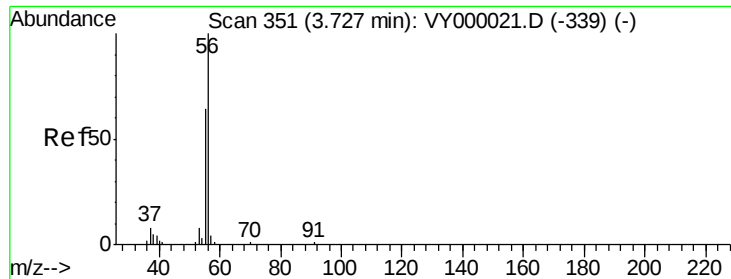


#12

1,1-Dichloroethene
Concen: 5.229 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.6	99.8	149.6
98	47.6	46.3	69.5





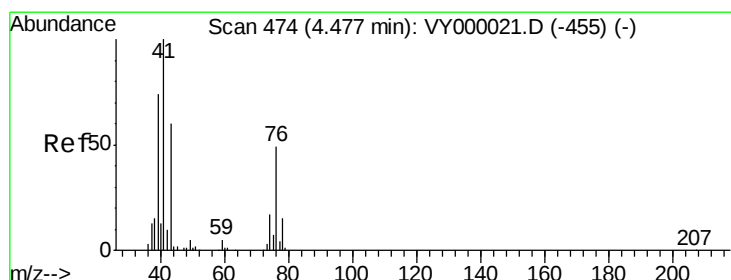
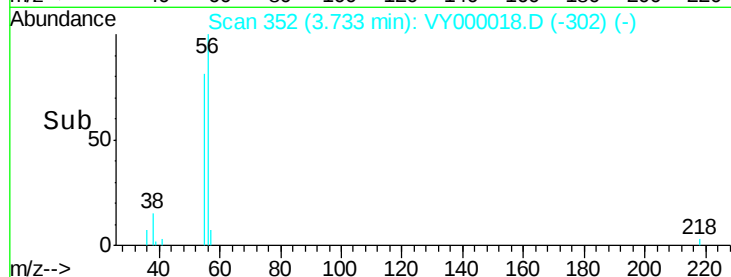
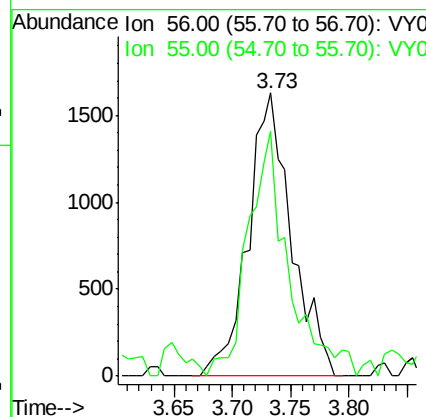
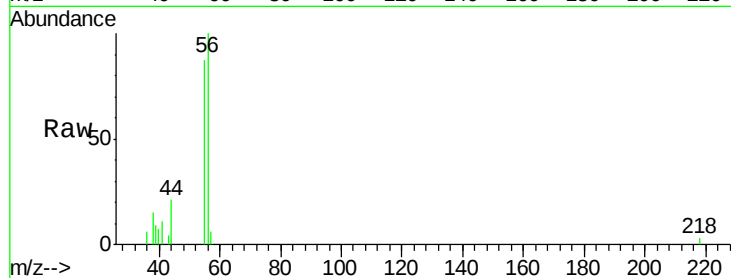
#13
Acrolein
Concen: 27.014 ug/l
RT: 3.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	81.4	56.7	85.1

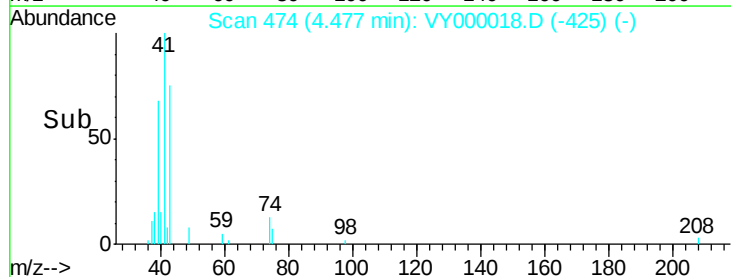
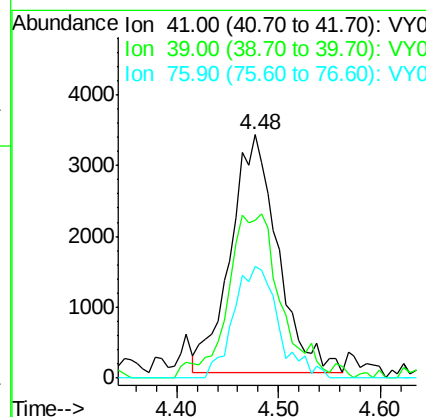
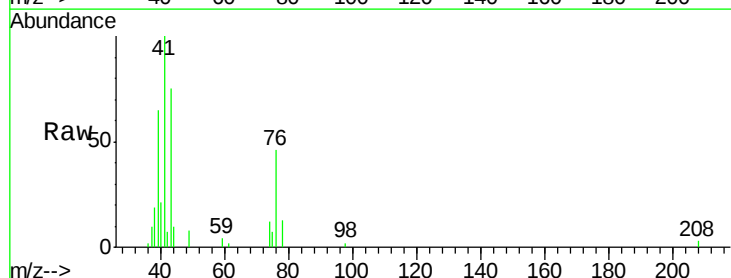
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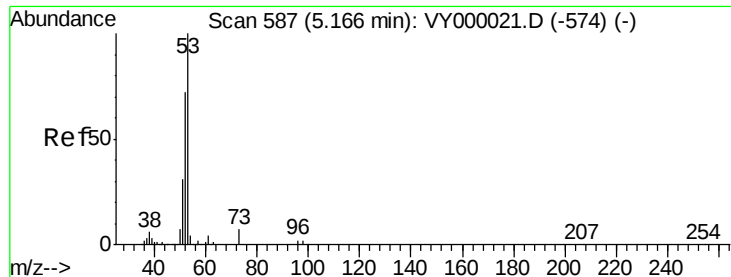
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#14
Allyl chloride
Concen: 4.959 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.6	53.1	79.7
76	44.6	34.9	52.3





#15

Acrylonitrile

Concen: 25.203 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

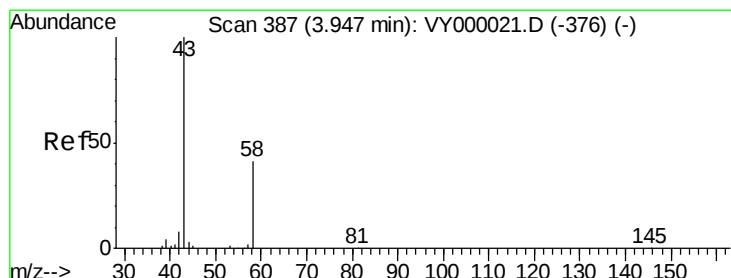
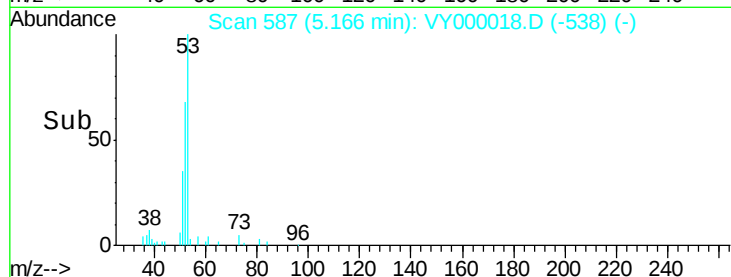
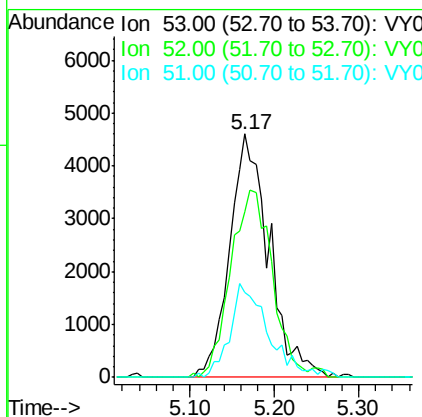
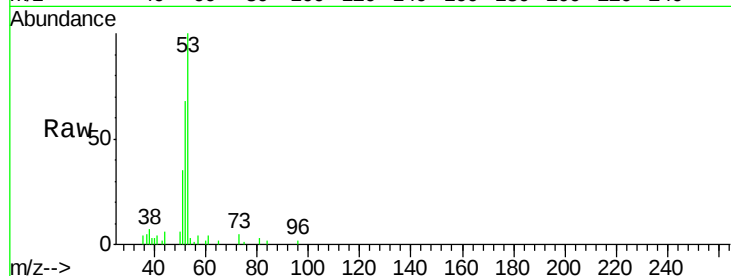
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	14560
Ion Ratio	Lower	Upper	
53	100		
52	81.2	62.8	94.2
51	37.1	26.6	40.0

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#16

Acetone

Concen: 26.868 ug/l

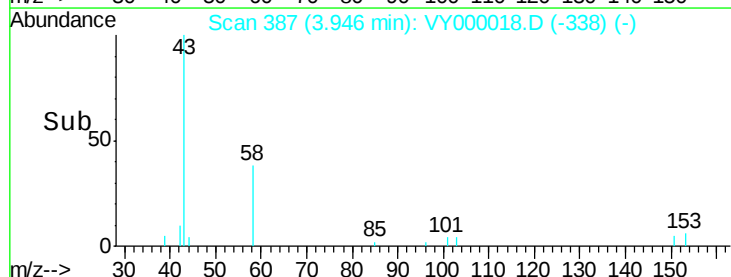
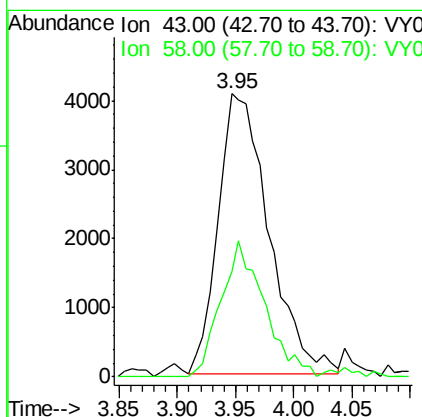
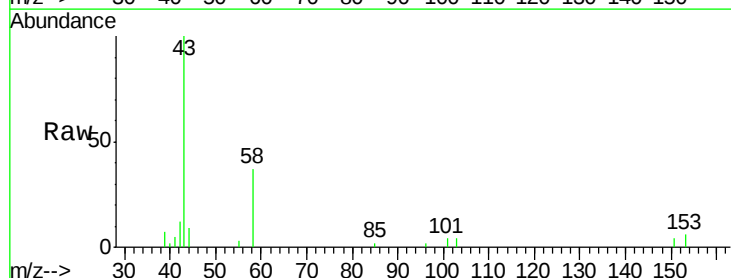
RT: 3.95 min Scan# 387

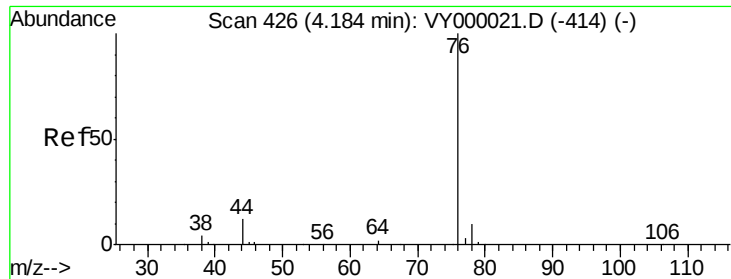
Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	43	Resp:	12236
Ion Ratio	Lower	Upper	
43	100		
58	37.8	32.5	48.7





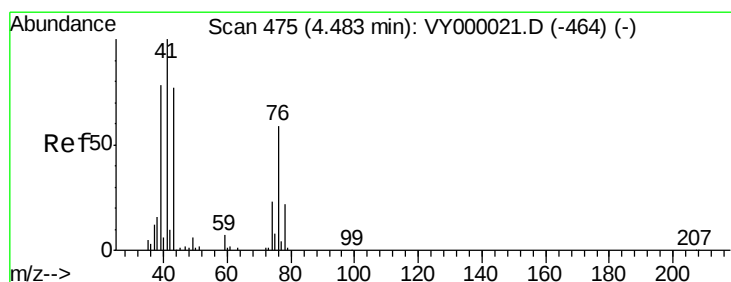
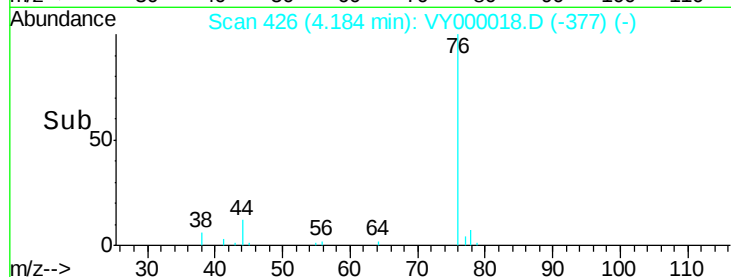
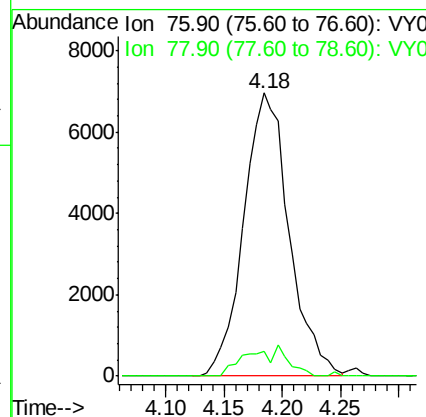
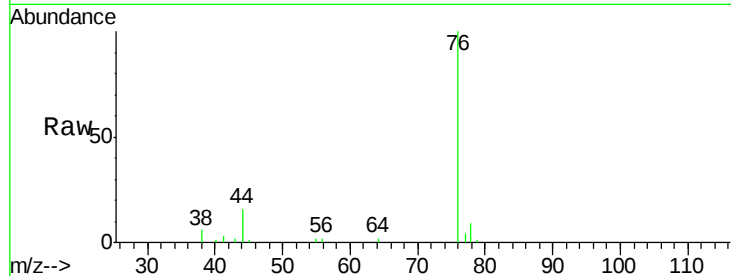
#17
Carbon Disulfide
Concen: 6.662 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4

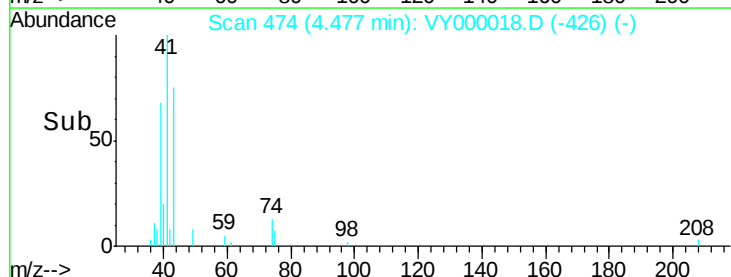
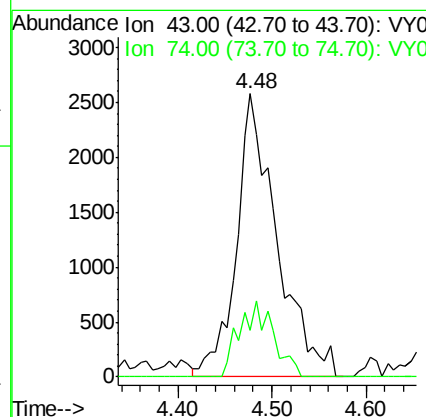
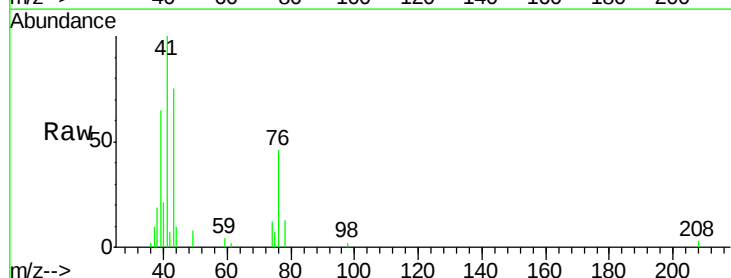
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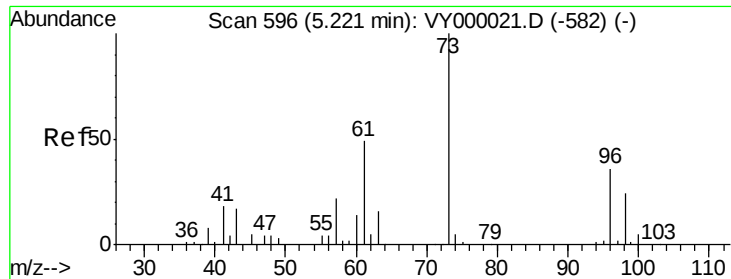
MMDadoda
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#18
Methyl Acetate
Concen: 5.997 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	21.4	32.0





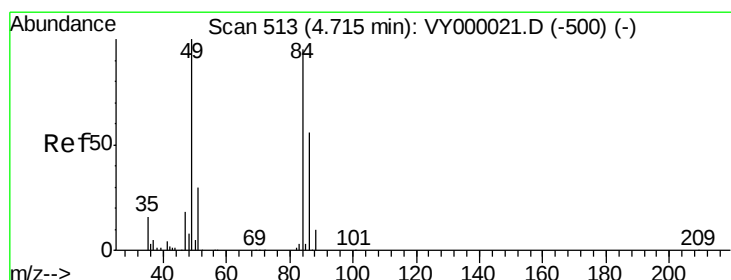
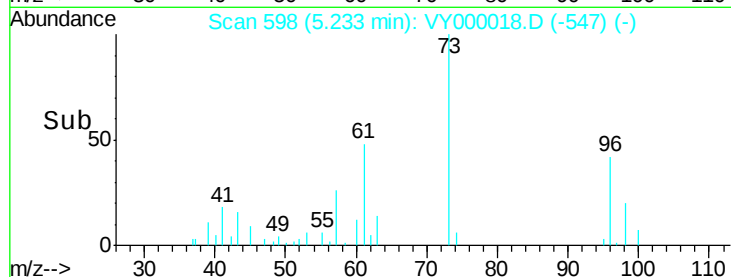
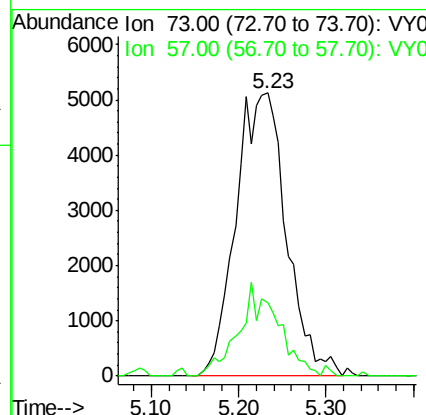
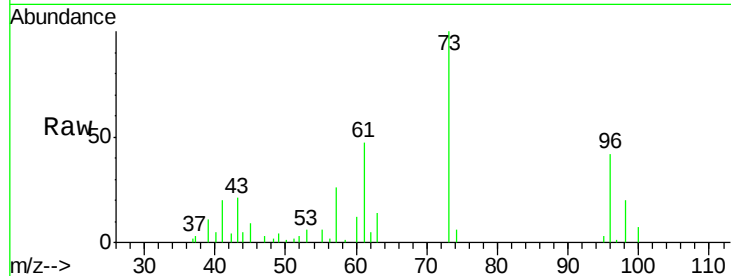
#19
Methvl tert-butvl Ether
Concen: 4.836 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 20582
Ion Ratio Lower Upper
73 100
57 25.8 17.8 26.8

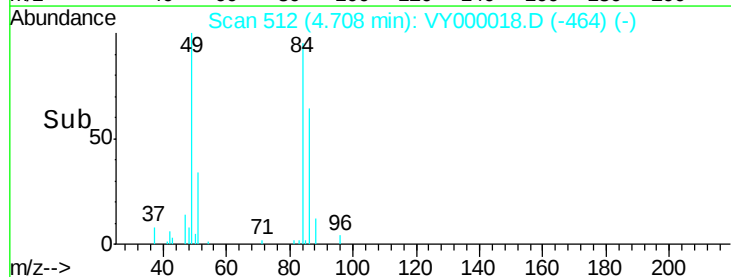
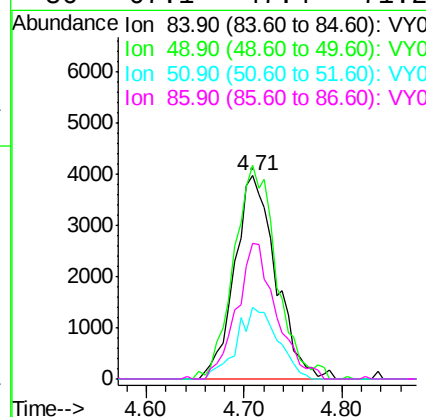
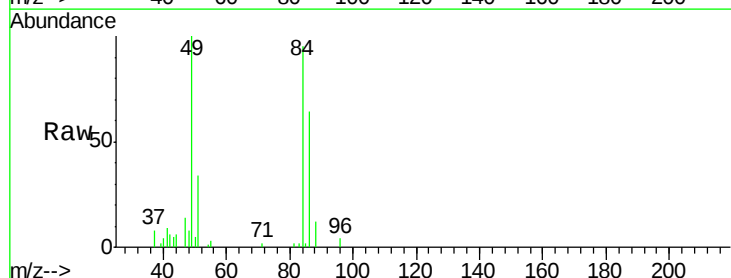
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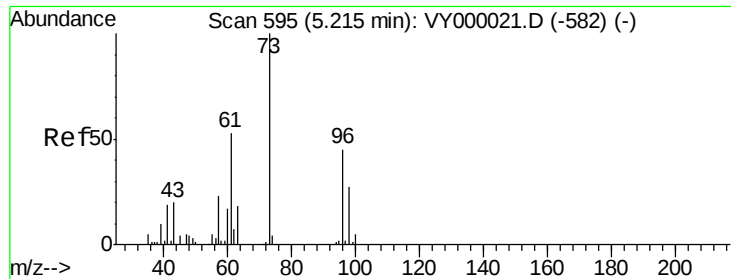
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#20
Methylene Chloride
Concen: 6.423 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion: 84 Resp: 11662
Ion Ratio Lower Upper
84 100
49 105.1 84.4 126.6
51 35.6 25.4 38.0
86 67.1 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 5.761 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

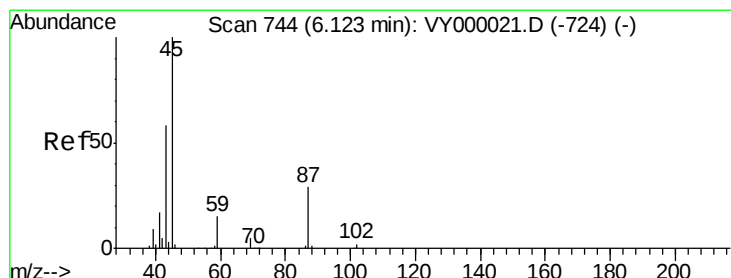
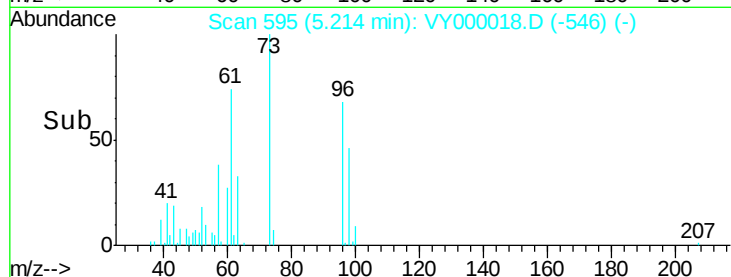
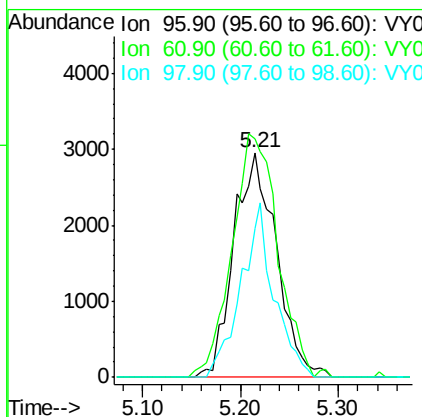
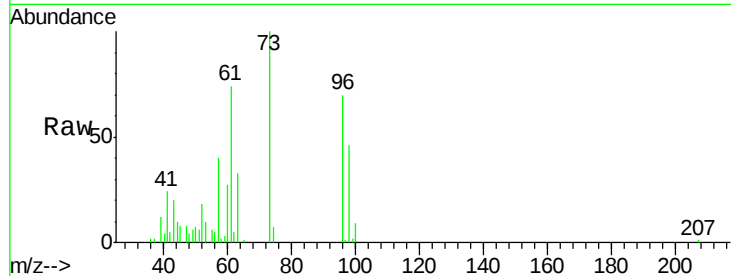
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	8964
Ion	Ratio	Lower	Upper
96	100		
61	105.9	95.3	142.9
98	66.1	48.7	73.1

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#22

Diisopropyl ether

Concen: 4.970 ug/l

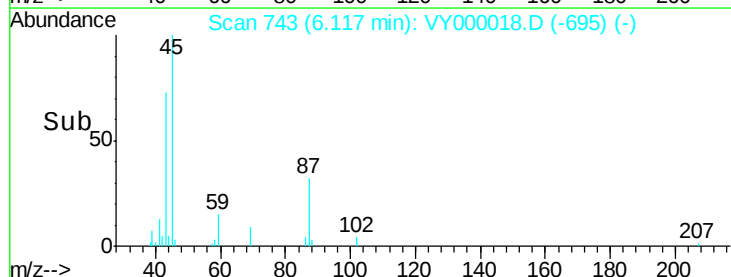
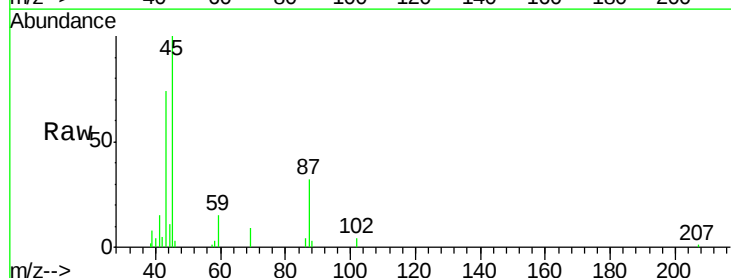
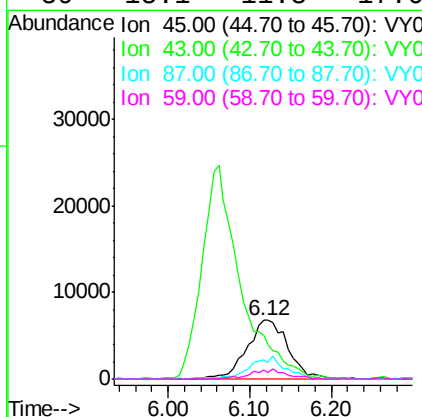
RT: 6.12 min Scan# 743

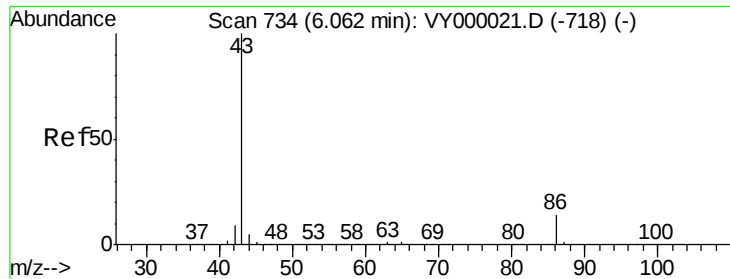
Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	45	Resp:	23935
Ion	Ratio	Lower	Upper
45	100		
43	71.9	47.0	70.4#
87	31.8	23.1	34.7
59	15.1	11.8	17.6





#23

Vinyl Acetate

Concen: 24.676 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 82219

Ion Ratio Lower Upper

43 100

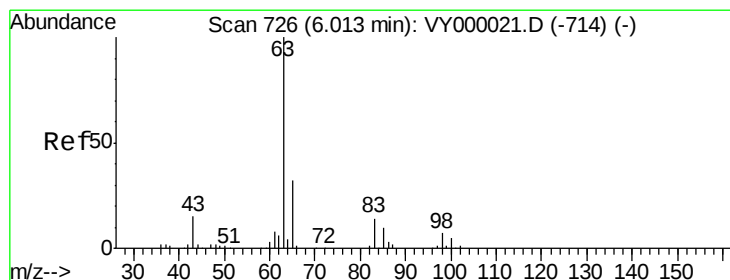
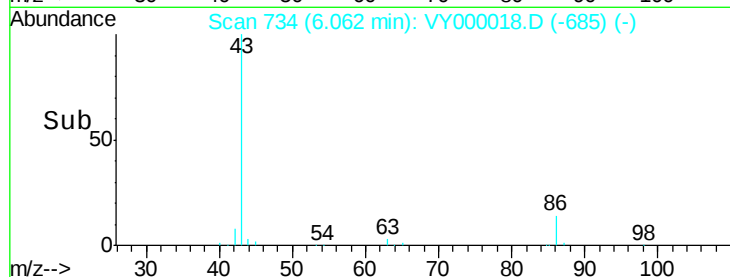
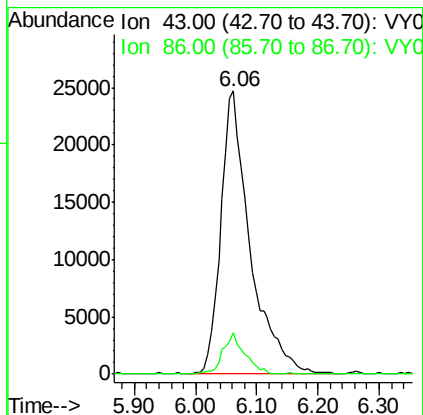
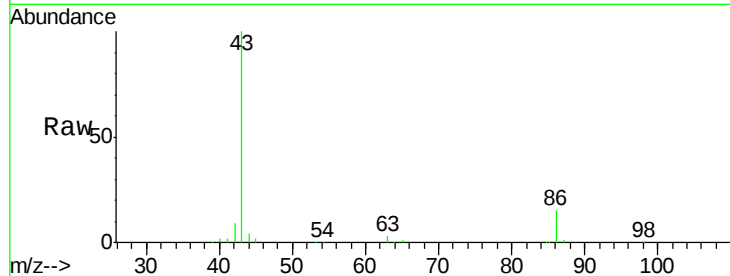
86 14.7 11.0 16.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.206 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

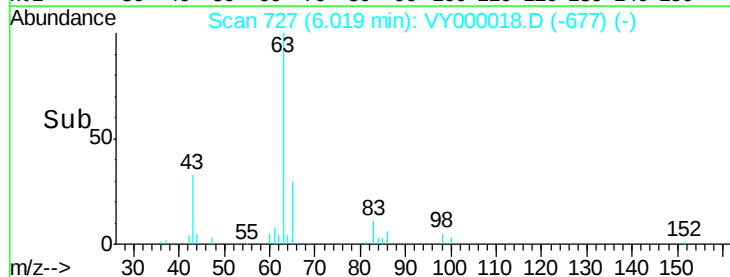
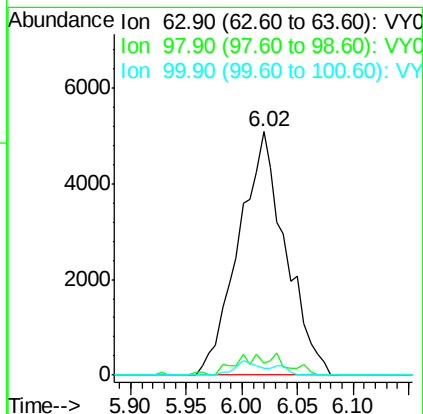
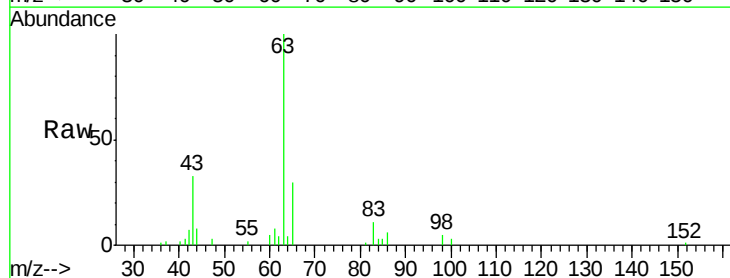
Tgt Ion: 63 Resp: 14859

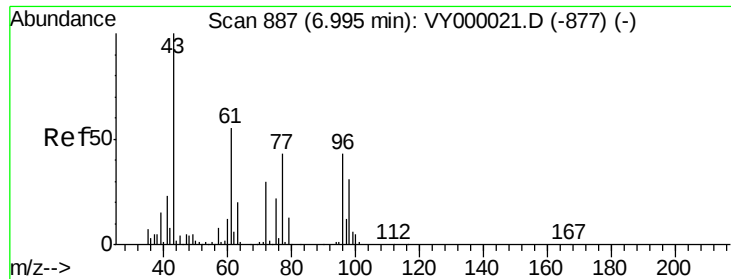
Ion Ratio Lower Upper

63 100

98 4.8 3.8 11.2

100 2.6 2.6 8.0#





#25

2-Butanone

Concen: 27.600 ug/l

RT: 7.00 min Scan# 888

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 20431

Ion Ratio Lower Upper

43 100

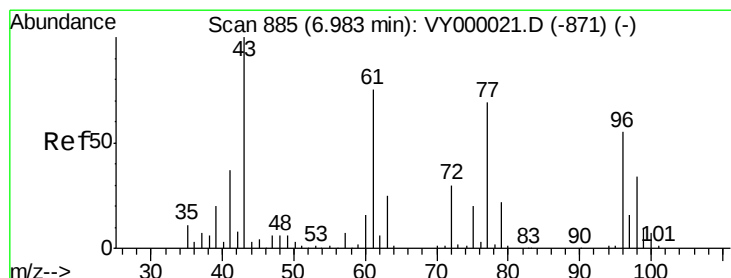
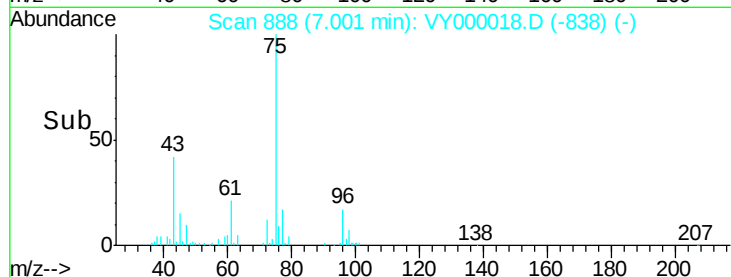
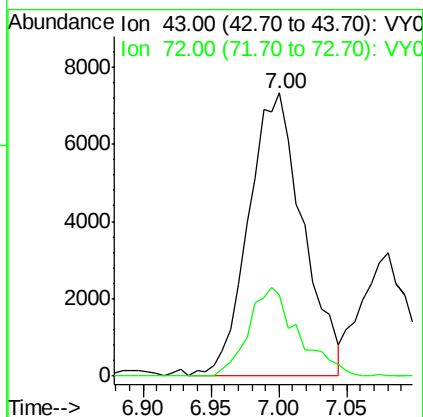
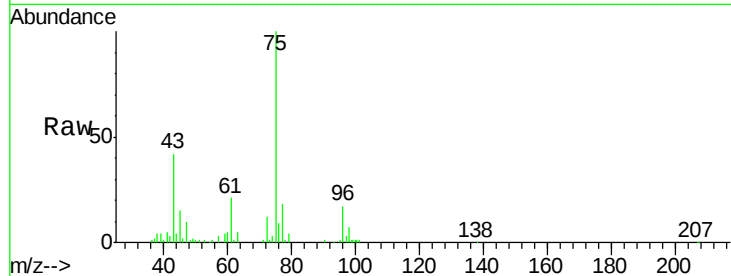
72 28.8 24.1 36.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.807 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000018.D

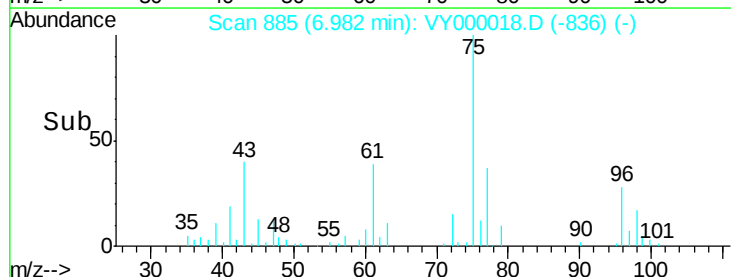
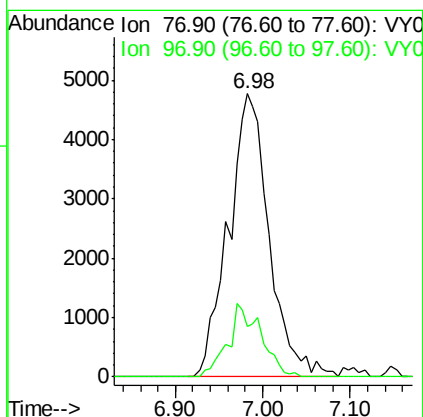
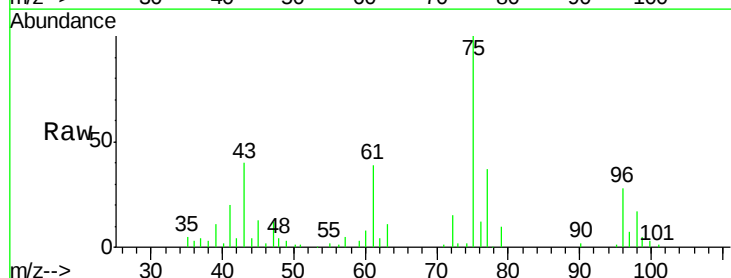
Acq: 12 Sep 2019 11:09

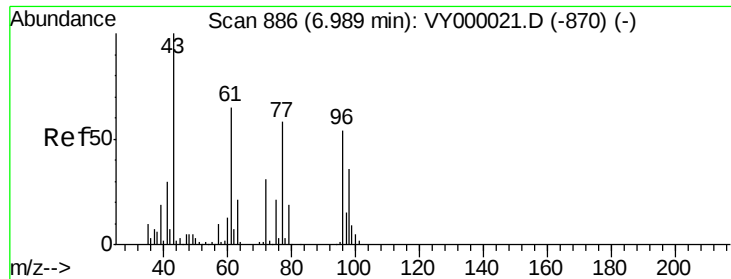
Tgt Ion: 77 Resp: 15397

Ion Ratio Lower Upper

77 100

97 21.1 12.0 36.1





#27

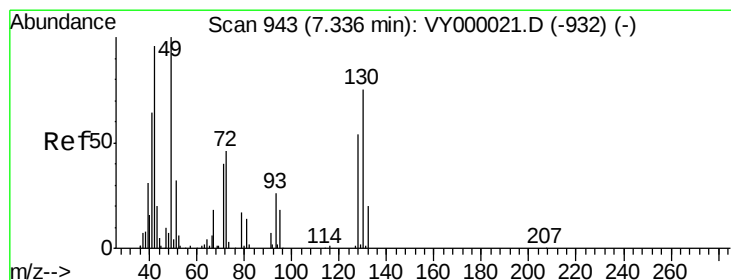
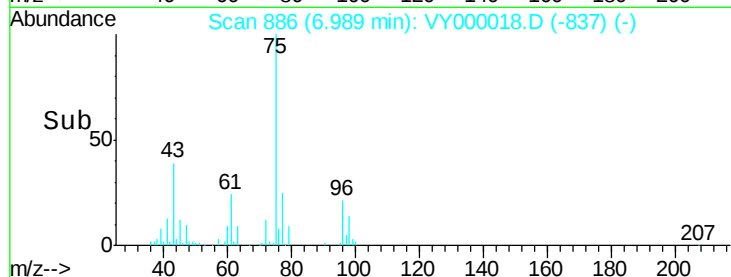
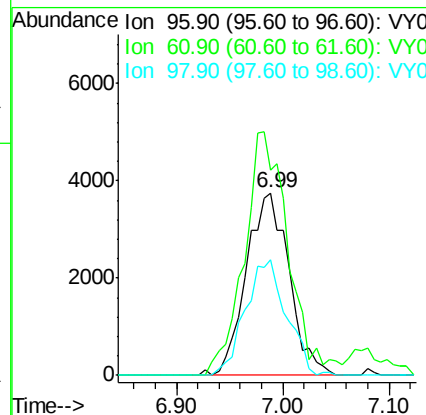
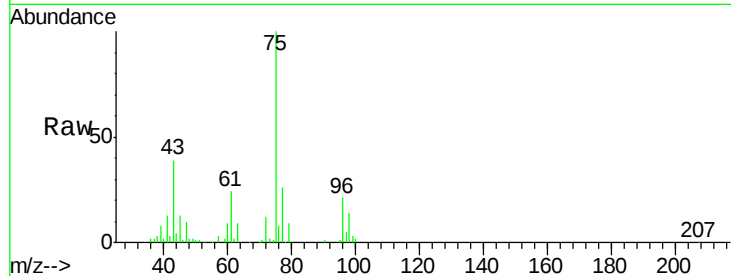
cis-1,2-Dichloroethene
Concen: 5.369 ug/l
RT: 6.99 min Scan# 886
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	259.2
98	61.0	0.0	127.4

Manual Integrations
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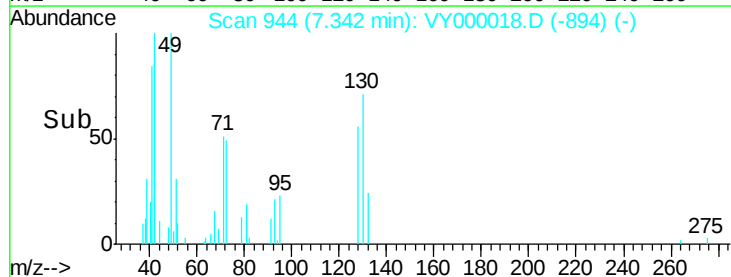
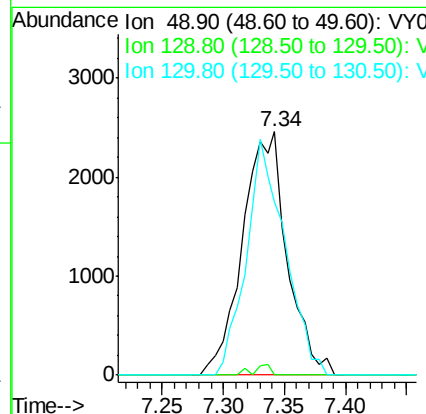
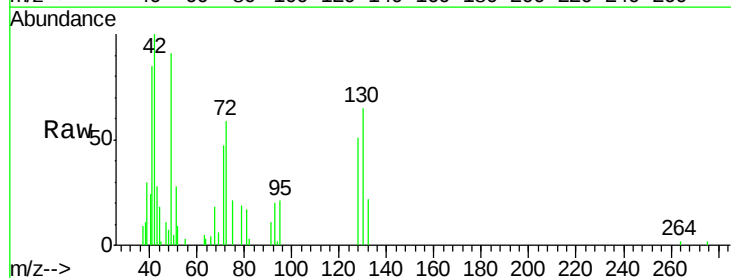
MMDadoda
9/13/2019 11:53:49 PM

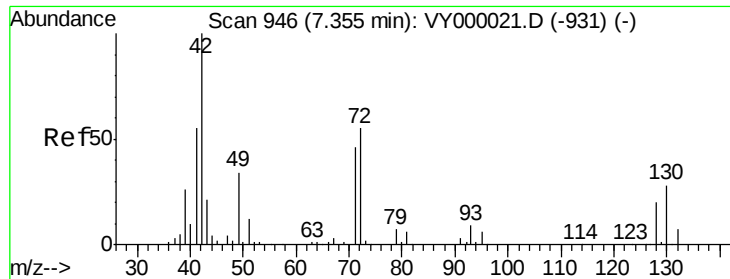


#28

Bromochloromethane
Concen: 4.764 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	1.8
130	83.6	62.5	93.7





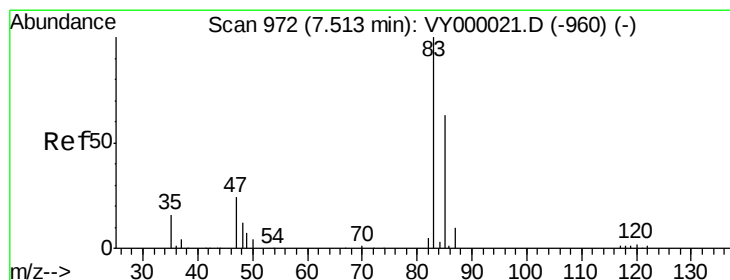
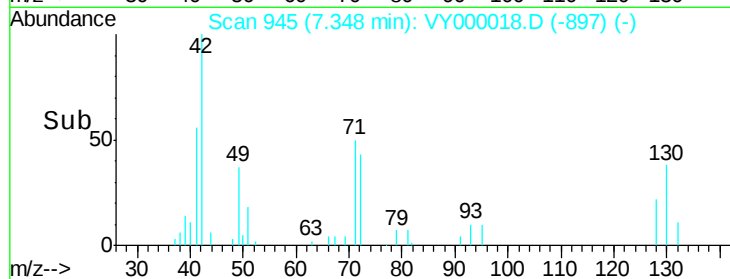
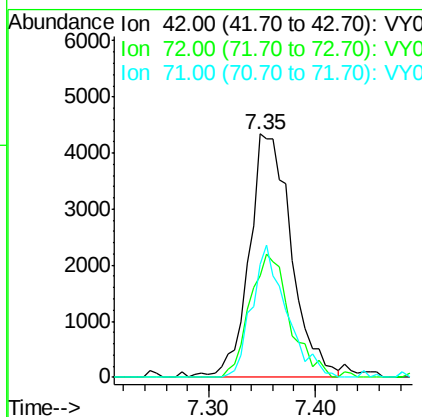
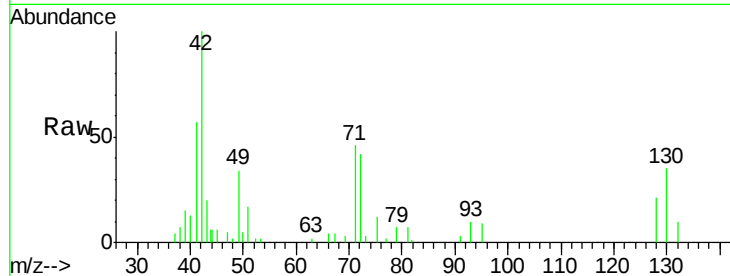
#29
Tetrahydrofuran
Concen: 27.244 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	41.1	61.7
71	44.7	36.5	54.7

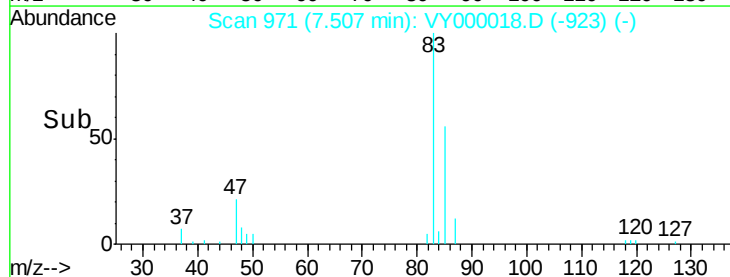
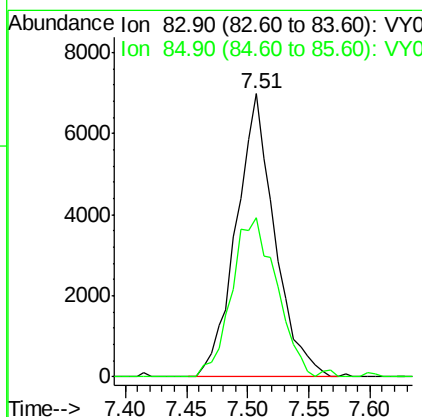
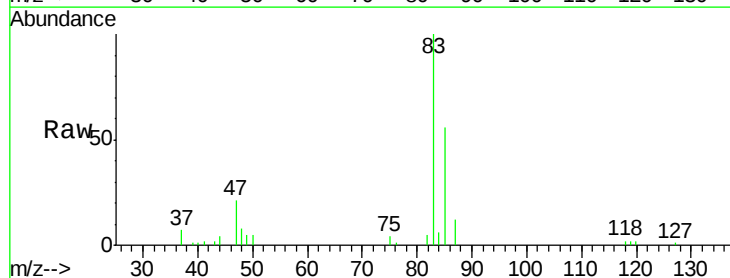
Manual Integrations
APPROVED

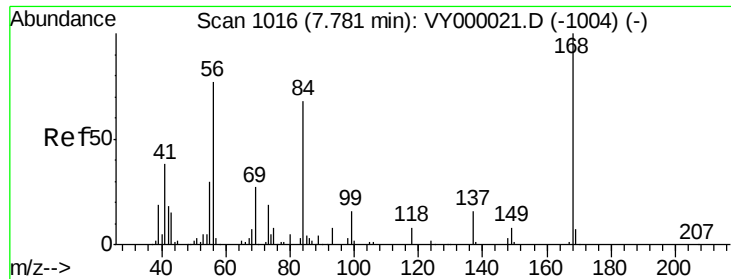
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#30
Chloroform
Concen: 5.173 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.3	50.6	76.0





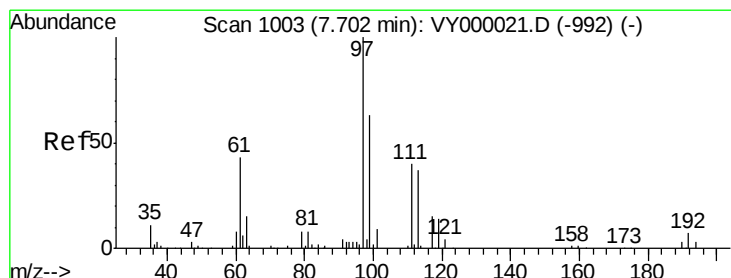
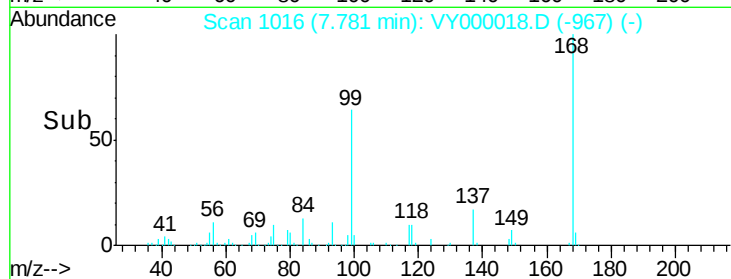
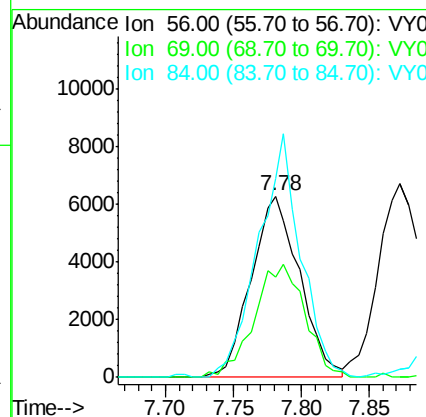
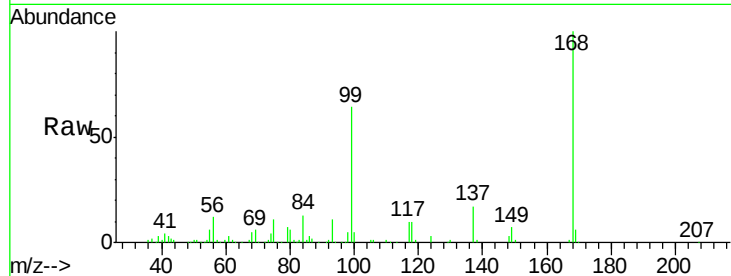
#31
Cyclohexane
Concen: 6.591 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	56	69	84
Resp	15679		
Ratio	100	55.3	110.2
Lower		28.0	70.4
Upper		42.0#	105.6#

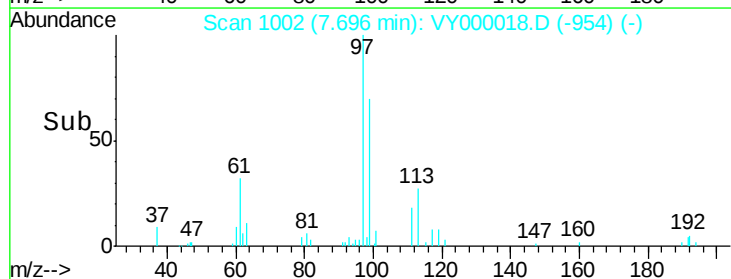
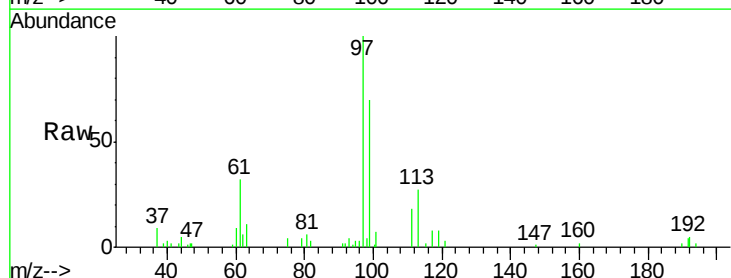
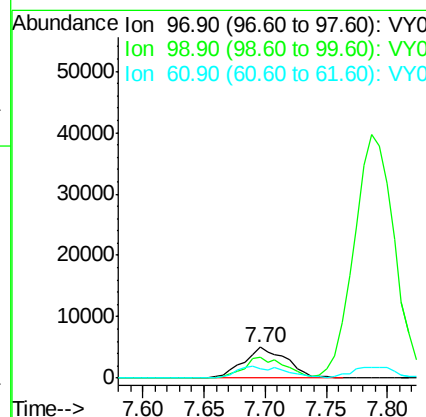
Manual Integrations
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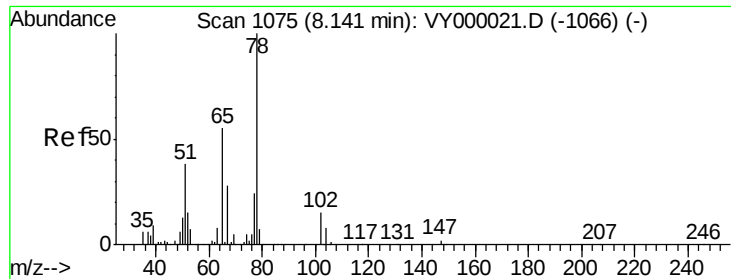
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#32
1,1,1-Trichloroethane
Concen: 5.162 ug/l
RT: 7.70 min Scan# 1002
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	97	99	61
Resp	12464		
Ratio	100	64.3	41.3
Lower		51.0	35.7
Upper		76.6	53.5





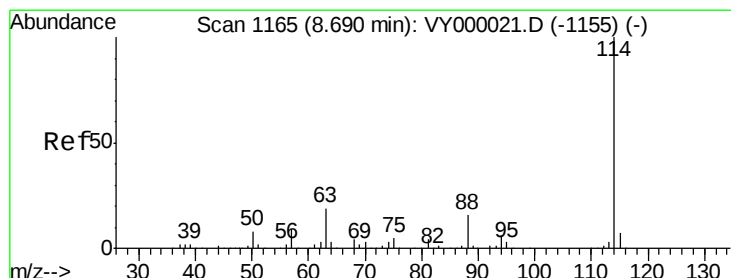
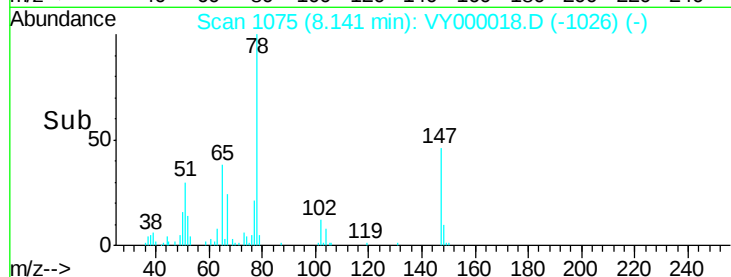
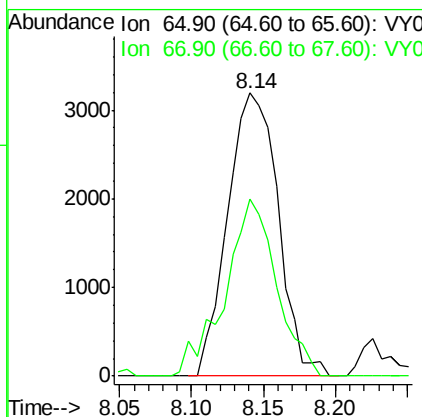
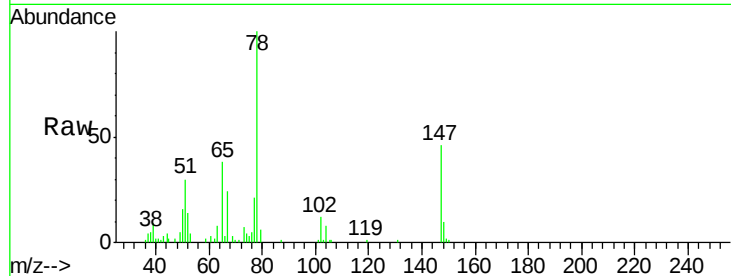
#33
 1,2-Dichloroethane-d4
 Concen: 4.736 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	63.9	0.0	104.4

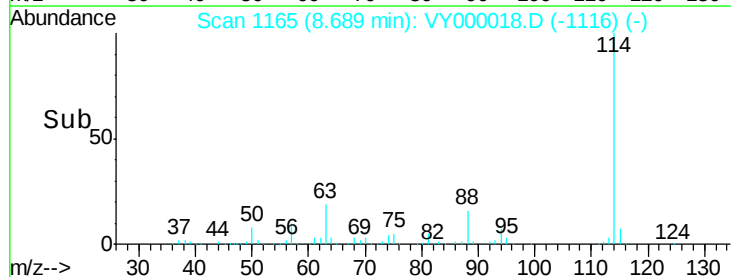
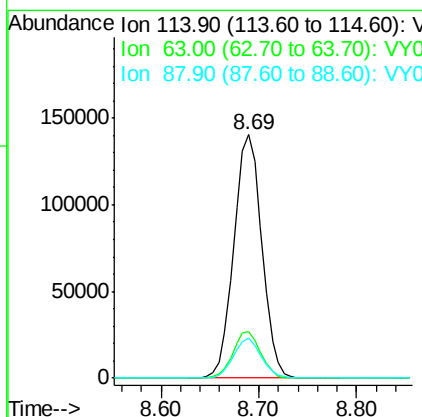
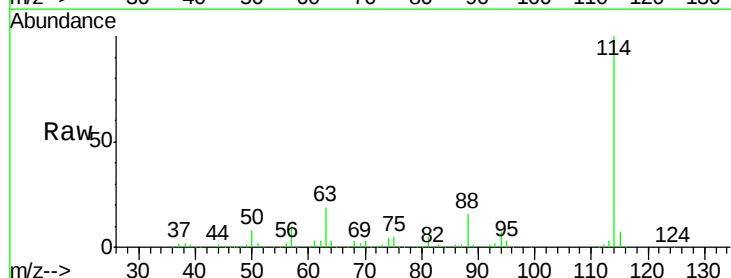
Manual Integrations
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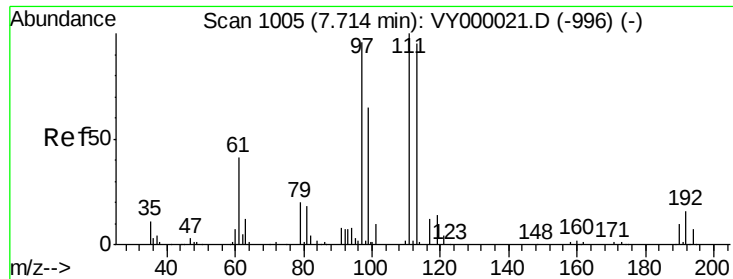
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	16.5	0.0	31.8





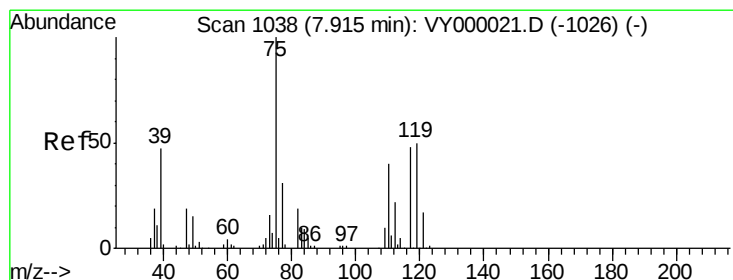
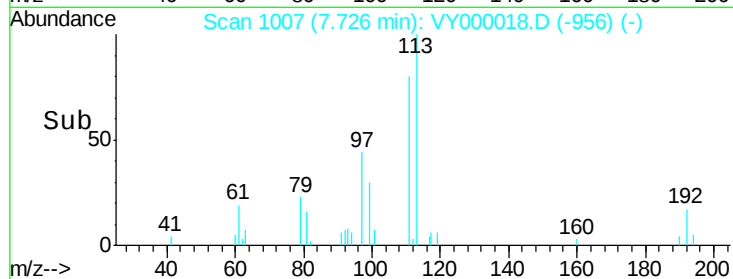
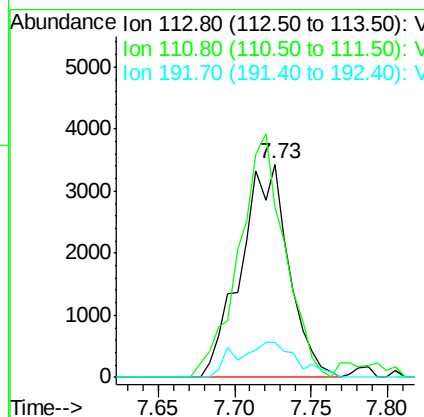
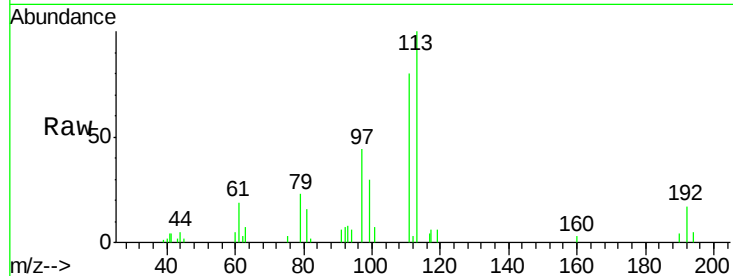
#35
 Dibromofluoromethane
 Concen: 4.689 ug/l
 RT: 7.73 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.8	83.9	125.9
192	20.5	14.5	21.7

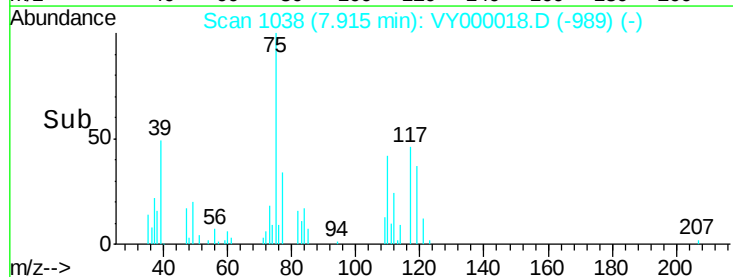
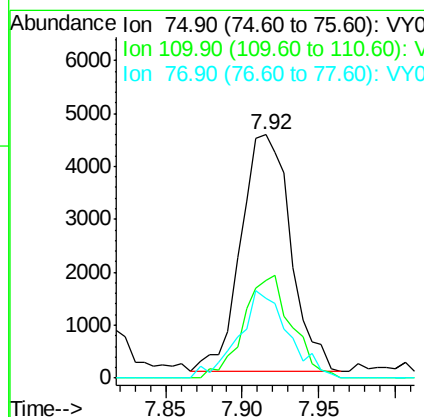
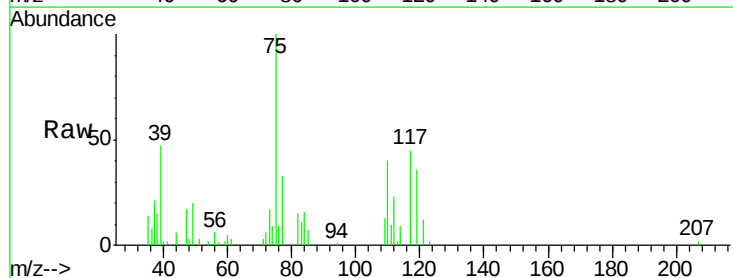
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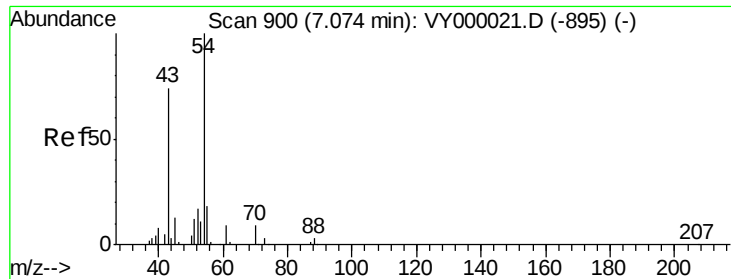
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#36
 1,1-Dichloropropene
 Concen: 4.976 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.6	18.6	55.8
77	36.2	24.4	36.6





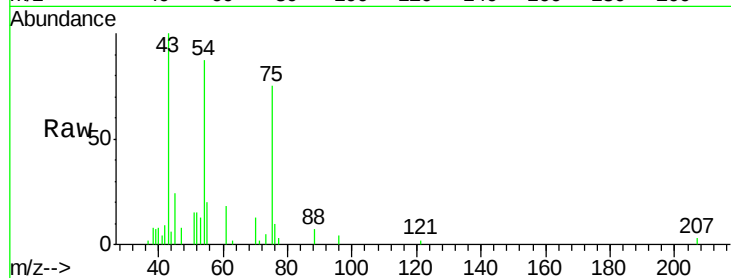
#37
Ethyl Acetate
Concen: 5.598 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

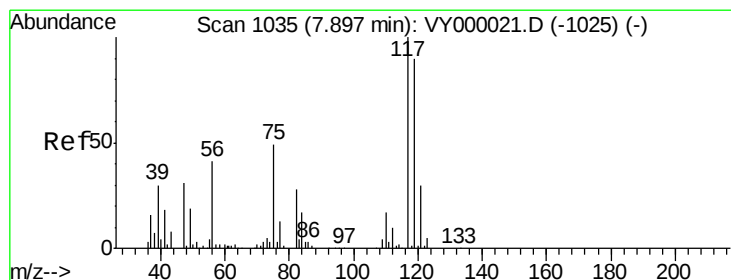
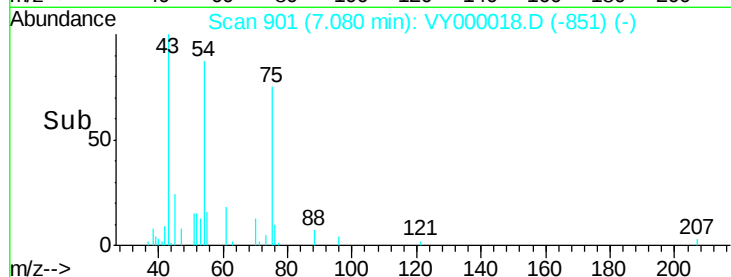
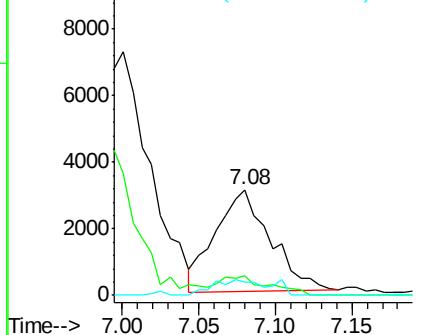
Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.1	19.7
70	15.4	10.9	16.3

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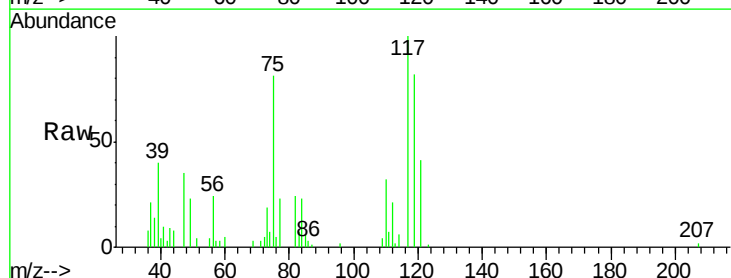


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

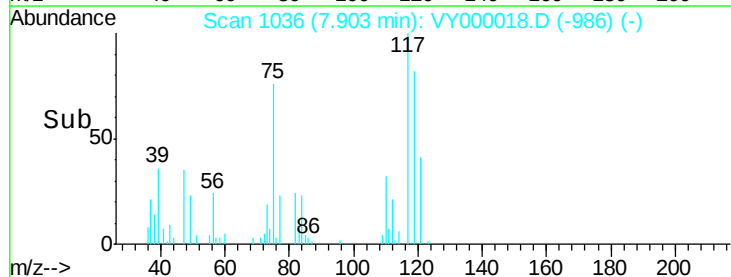
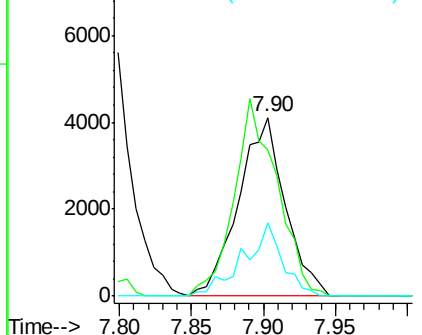


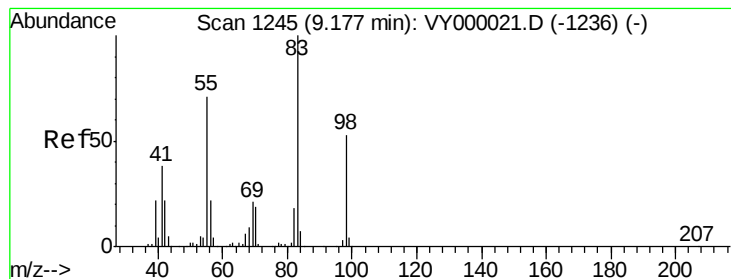
#38
Carbon Tetrachloride
Concen: 4.778 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	81.9	72.1	108.1
121	41.1	23.9	35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





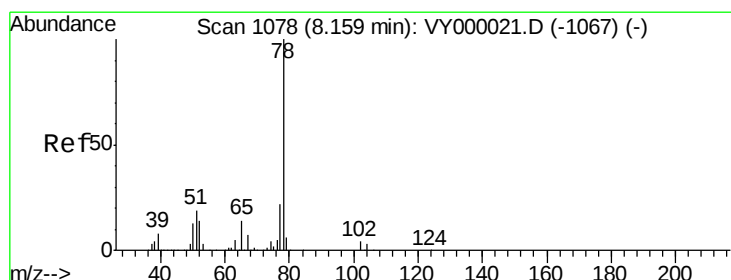
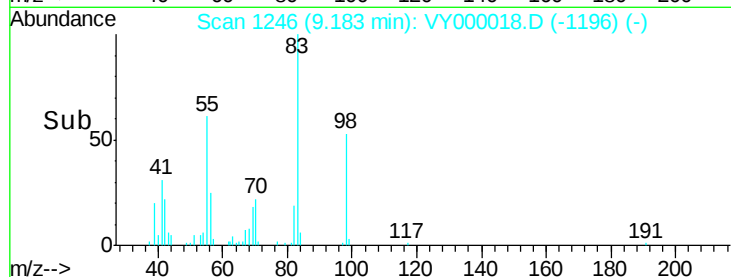
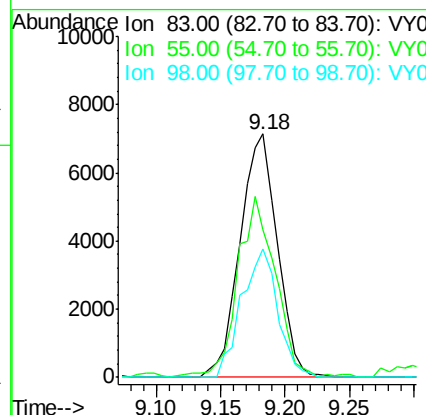
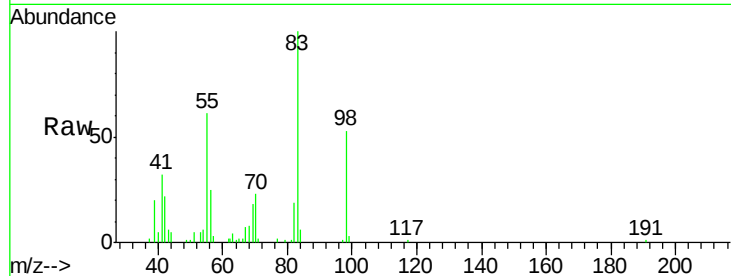
#39
Methvlcvclohexane
Concen: 5.657 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	59.7	57.0	85.4	
98	52.7	42.0	63.0	

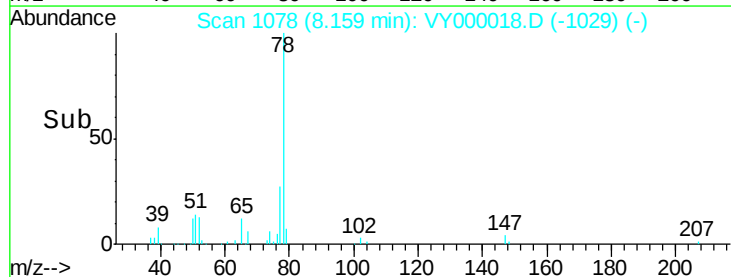
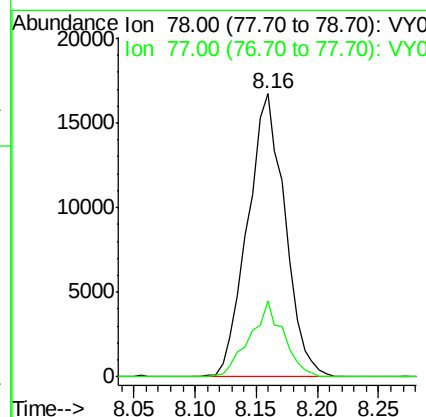
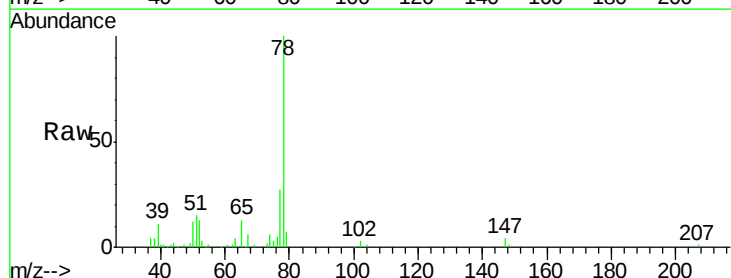
Manual Integrations
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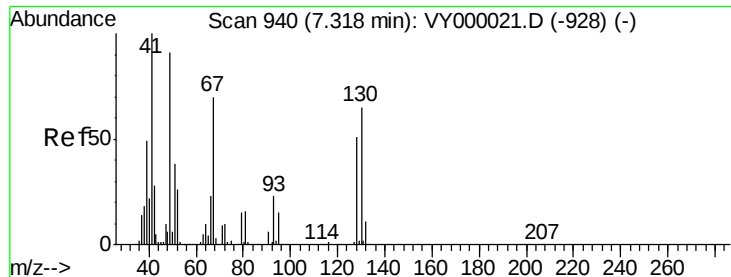
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#40
Benzene
Concen: 5.346 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	26.9	17.8	26.6	





#41

Methacrylonitrile

Concen: 1.897 ug/l

RT: 7.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 3406

Ion Ratio Lower Upper

41 100

39 96.1 41.8 62.6#

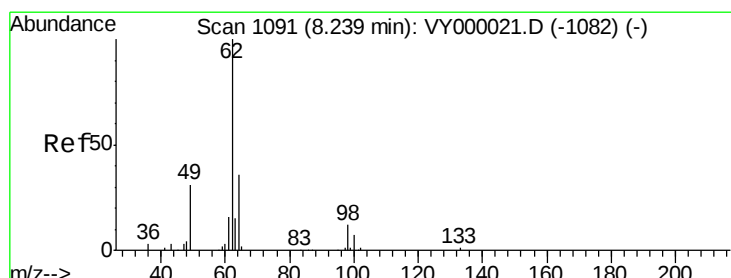
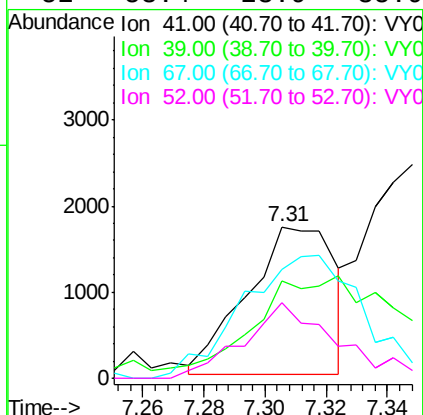
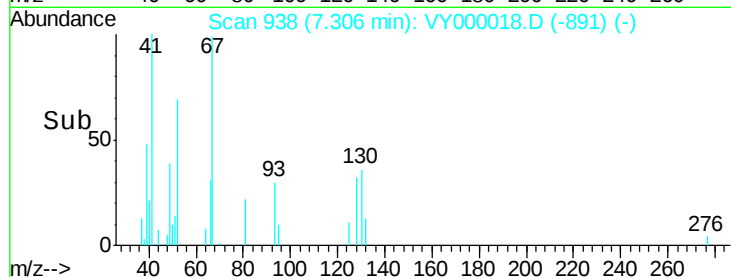
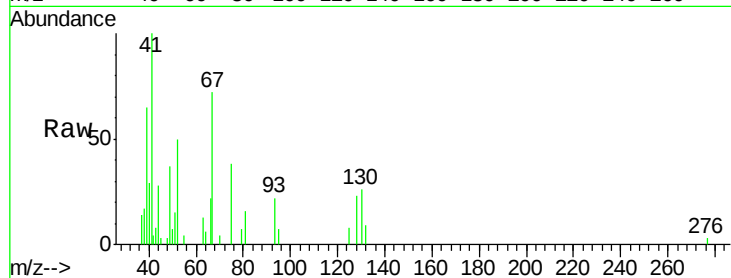
67 115.4 65.8 98.6#

52 53.4 23.9 35.9#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.060 ug/l

RT: 8.24 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VY000018.D

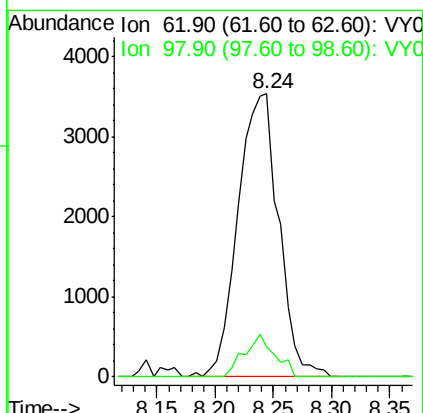
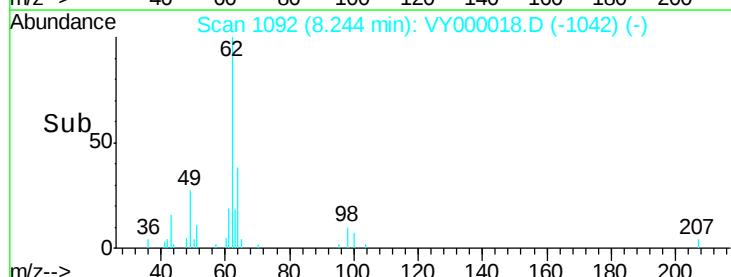
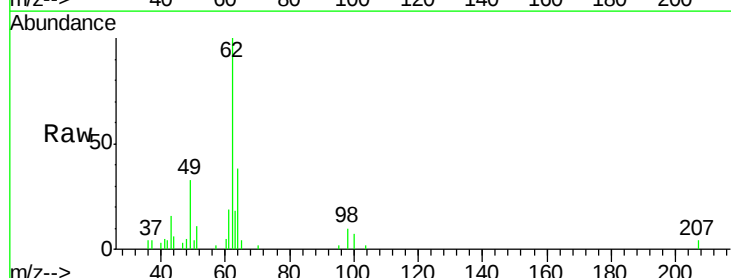
Acq: 12 Sep 2019 11:09

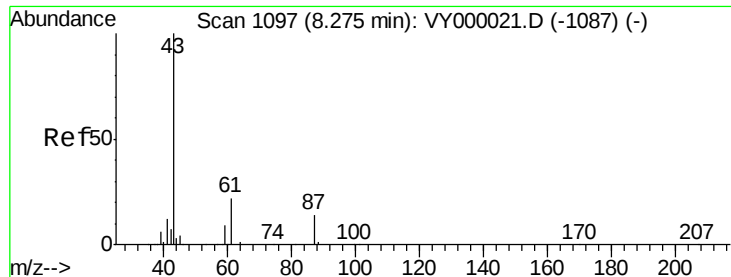
Tgt Ion: 62 Resp: 8630

Ion Ratio Lower Upper

62 100

98 11.2 0.0 23.2





#43

Isopropyl Acetate

Concen: 5.131 ug/l

RT: 8.28 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

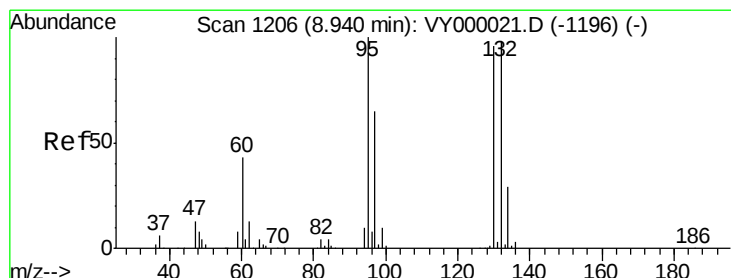
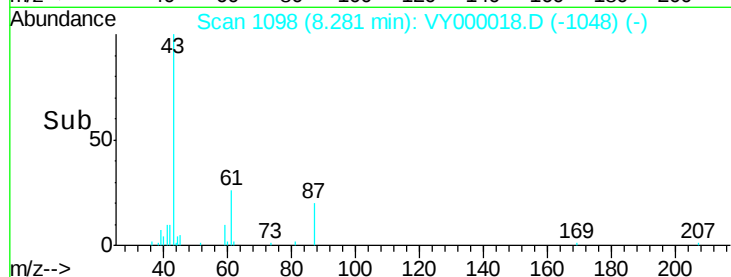
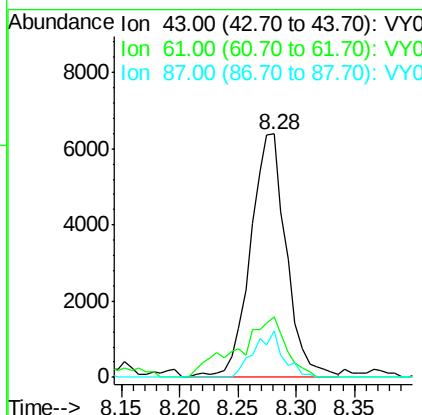
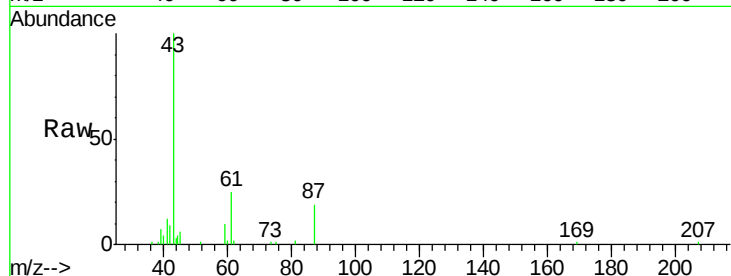
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	13746
Ion	Ratio	Lower	Upper
43	100		
61	32.7	24.9	37.3
87	15.5	12.3	18.5

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#44

Trichloroethene

Concen: 5.203 ug/l

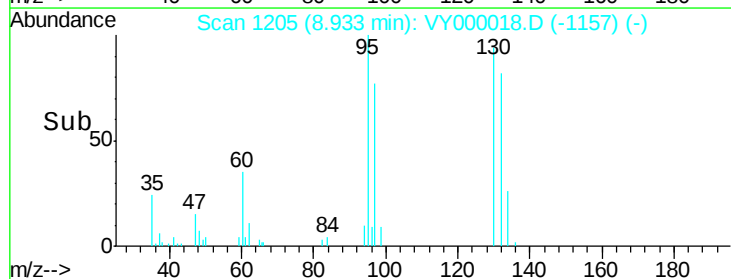
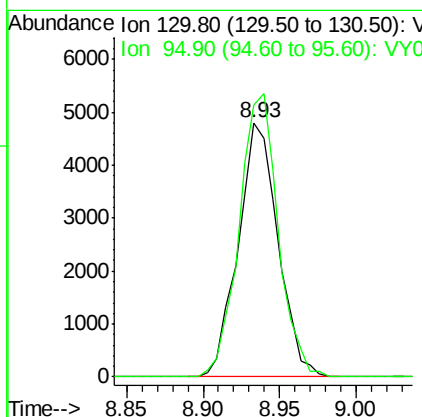
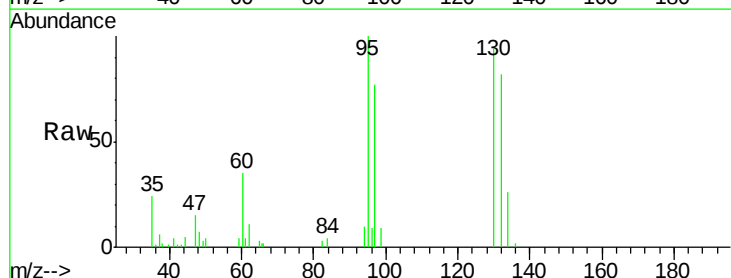
RT: 8.93 min Scan# 1205

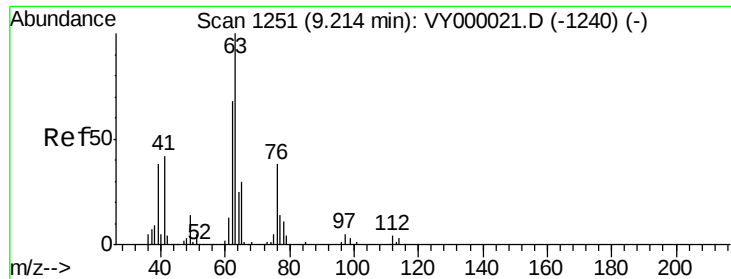
Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	130	Resp:	8670
Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	207.4





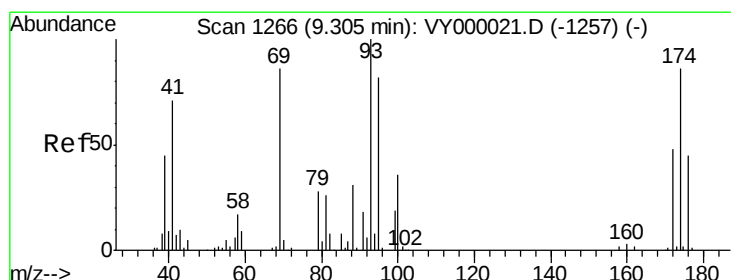
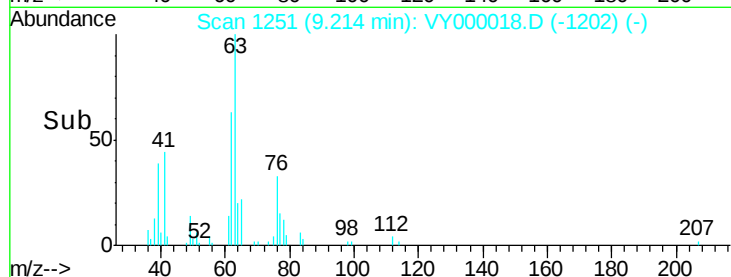
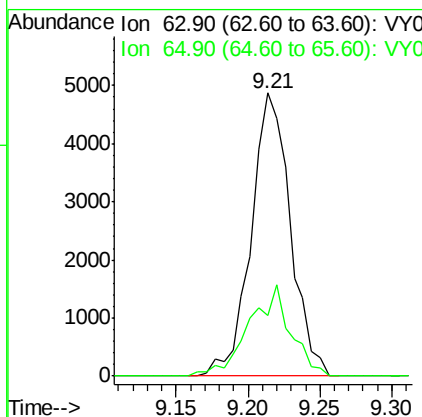
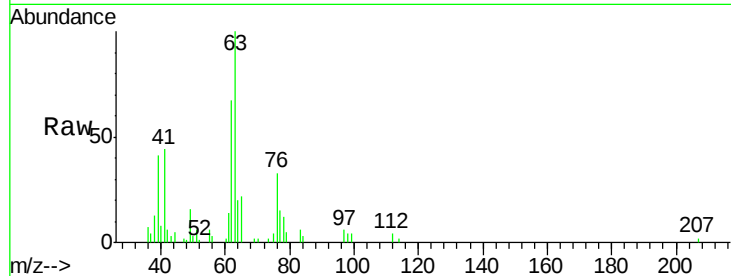
#45
 1,2-Dichloropropane
 Concen: 5.330 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 9172
 Ion Ratio Lower Upper
 63 100
 65 21.6 24.1 36.1#

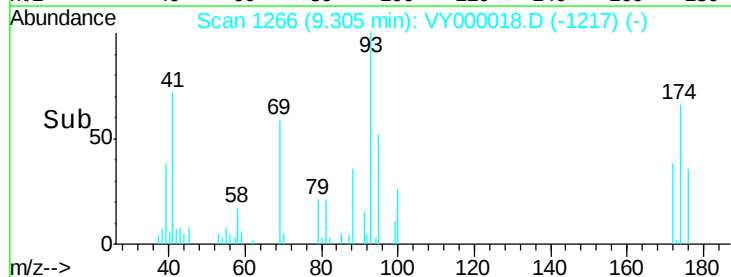
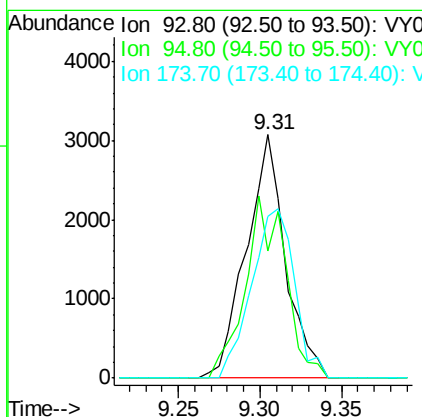
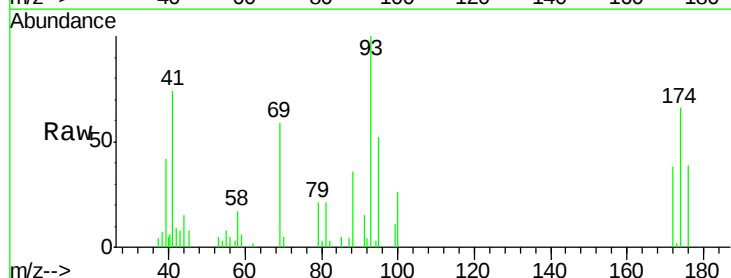
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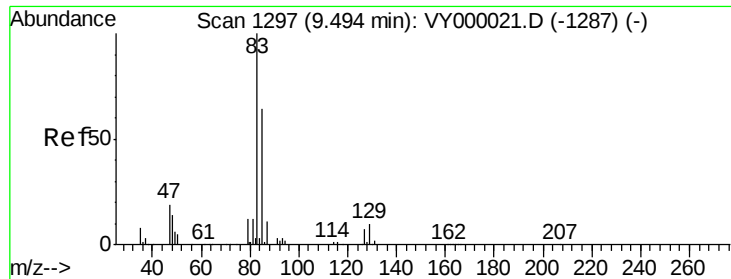
MMDadoda
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#46
 Dibromomethane
 Concen: 5.392 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion: 93 Resp: 5150
 Ion Ratio Lower Upper
 93 100
 95 76.2 67.0 100.6
 174 75.7 68.8 103.2





#47

Bromodichloromethane

Concen: 4.917 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

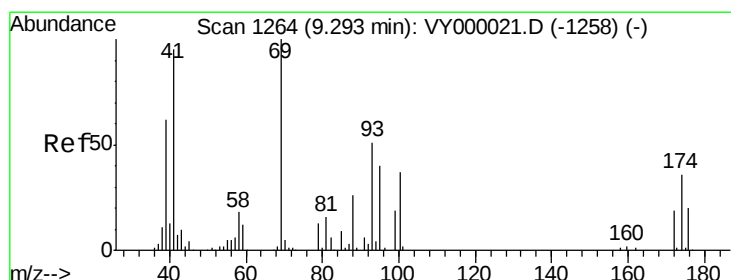
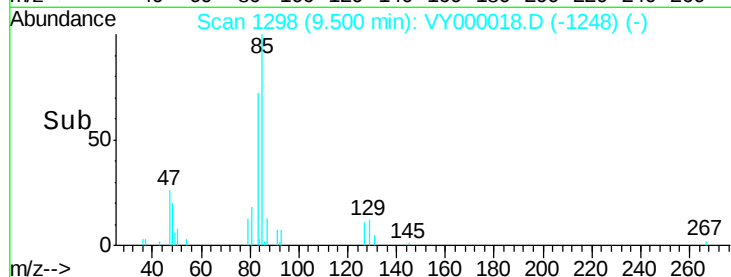
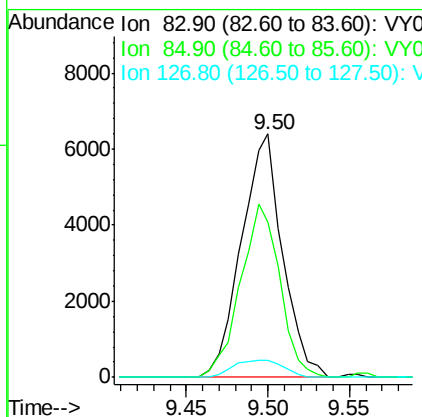
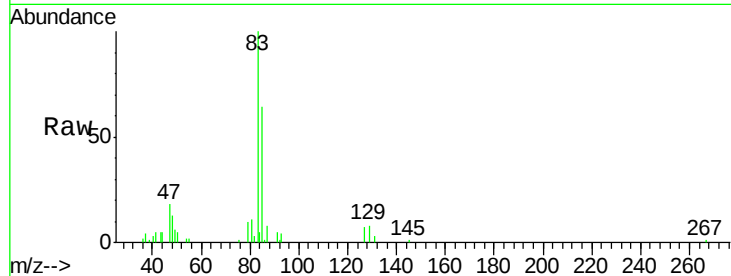
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	11210
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2
127	7.0	5.4	8.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.543 ug/l

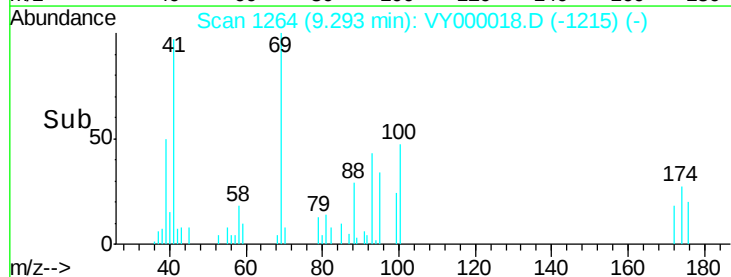
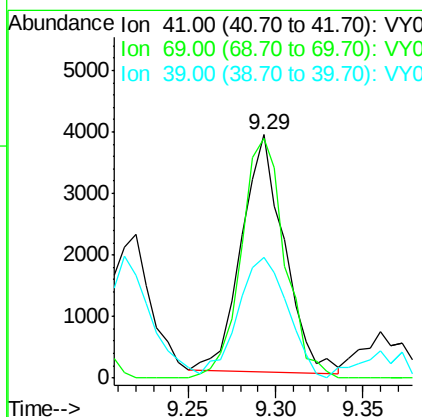
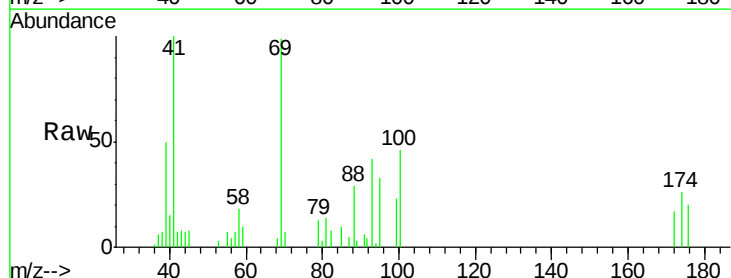
RT: 9.29 min Scan# 1264

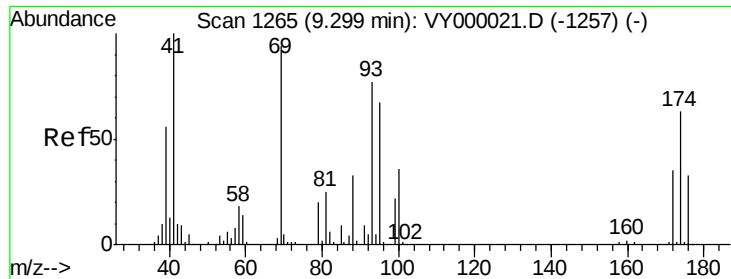
Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	41	Resp:	6552
Ion	Ratio	Lower	Upper
41	100		
69	103.1	79.7	119.5
39	59.4	48.6	72.8





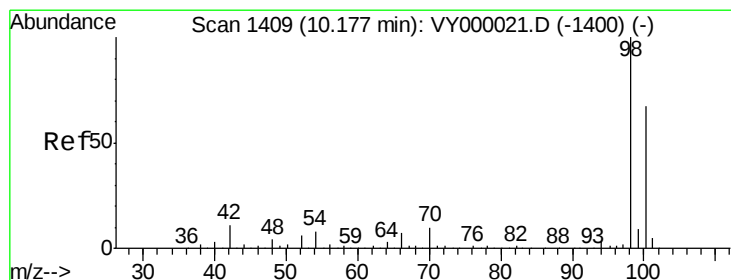
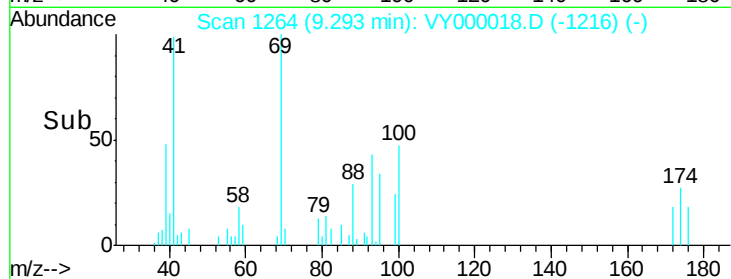
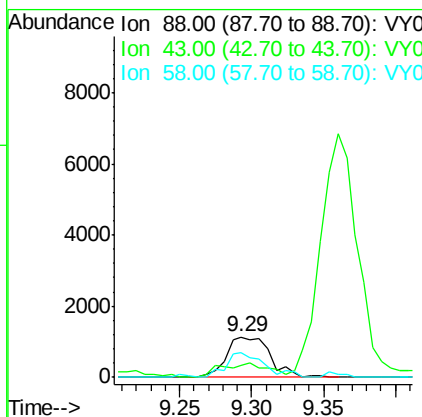
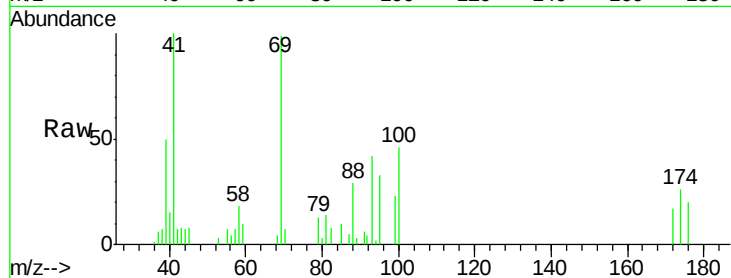
#49
1,4-Dioxane
Concen: 120.688 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	24.6	37.0#
58	54.4	52.7	79.1

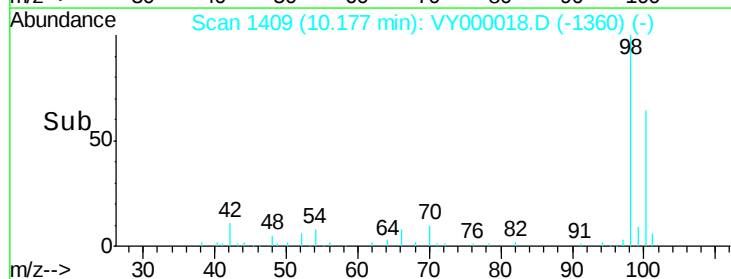
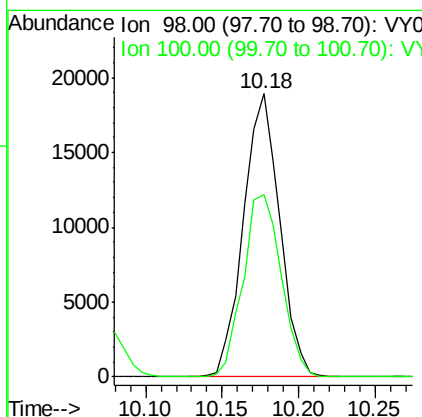
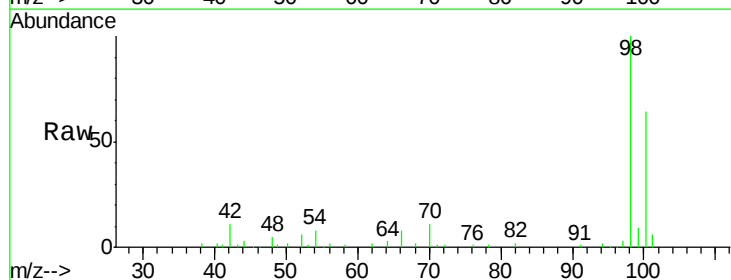
Manual Integrations
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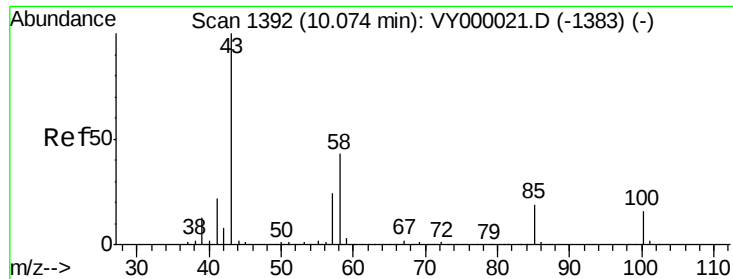
MMDadoda
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#50
Toluene-d8
Concen: 4.828 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 27.781 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 41700

Ion Ratio Lower Upper

43 100

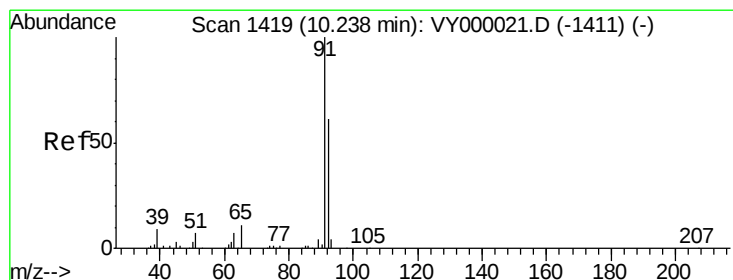
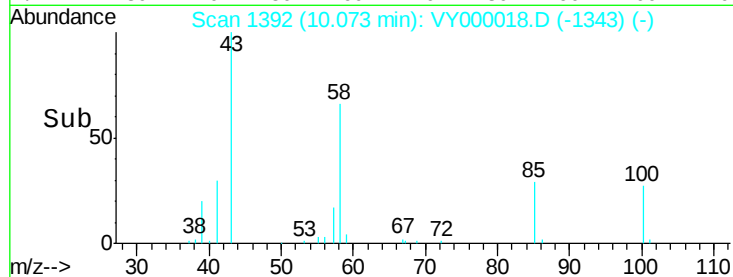
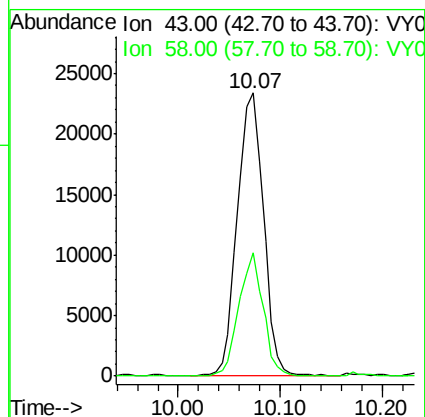
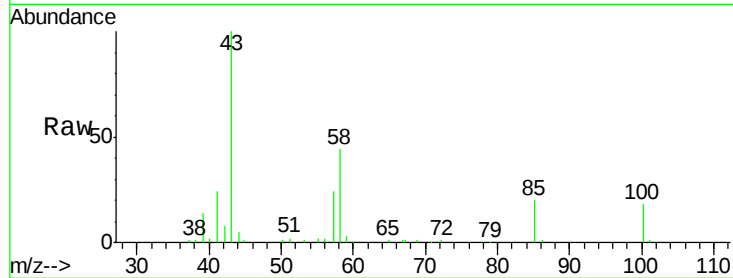
58 40.0 34.1 51.1

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#52

Toluene

Concen: 5.165 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VY000018.D

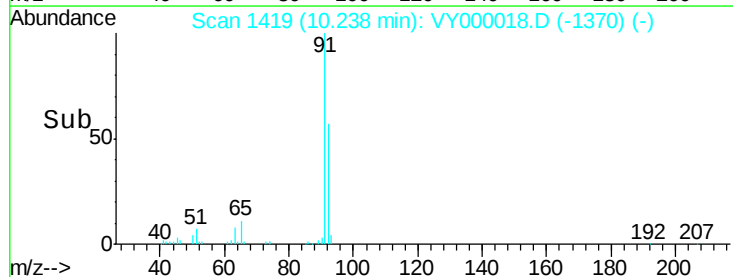
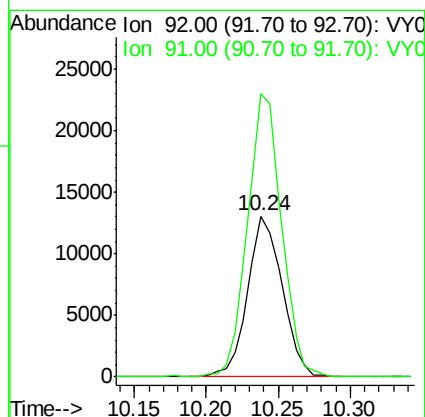
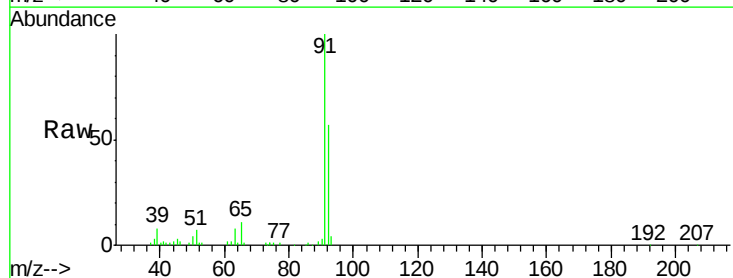
Acq: 12 Sep 2019 11:09

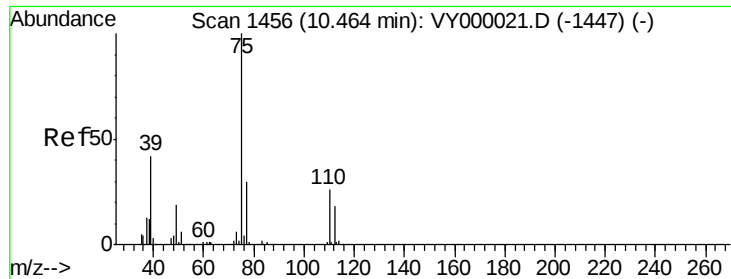
Tgt Ion: 92 Resp: 21660

Ion Ratio Lower Upper

92 100

91 173.8 136.4 204.6





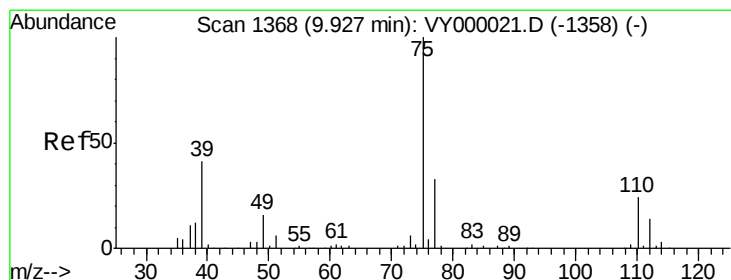
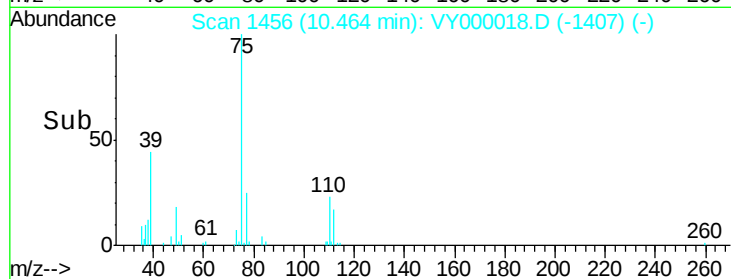
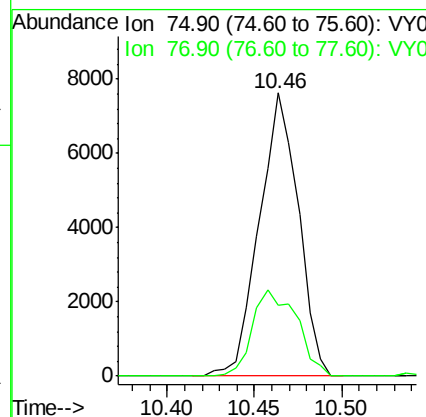
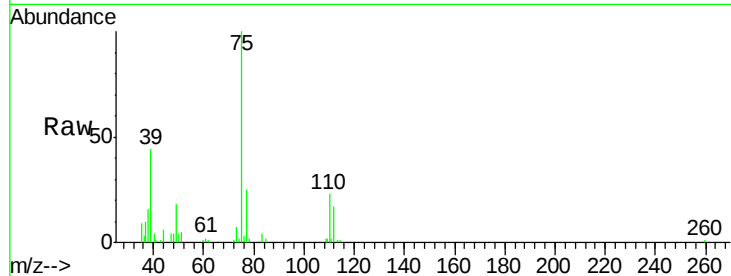
#53
t-1,3-Dichloropropene
Concen: 4.941 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 11845
Ion Ratio Lower Upper
75 100
77 24.8 23.8 35.8

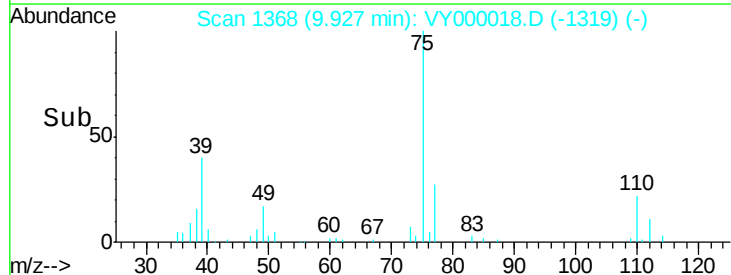
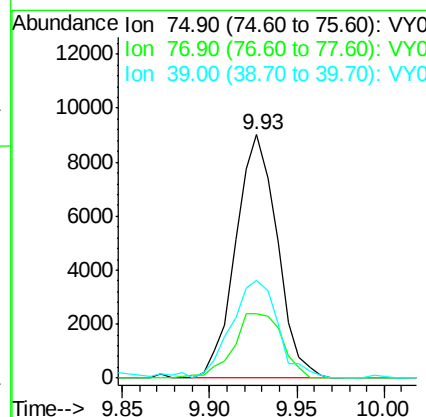
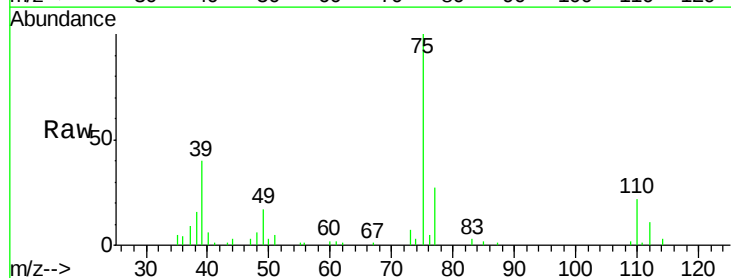
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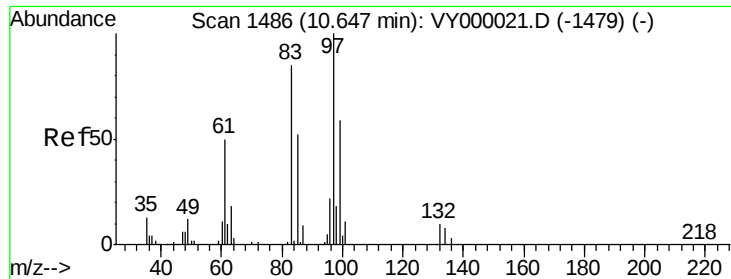
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#54
cis-1,3-Dichloropropene
Concen: 5.366 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion: 75 Resp: 14968
Ion Ratio Lower Upper
75 100
77 26.5 26.3 39.5
39 40.2 32.9 49.3





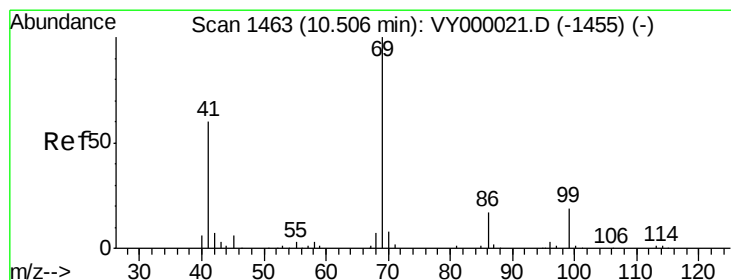
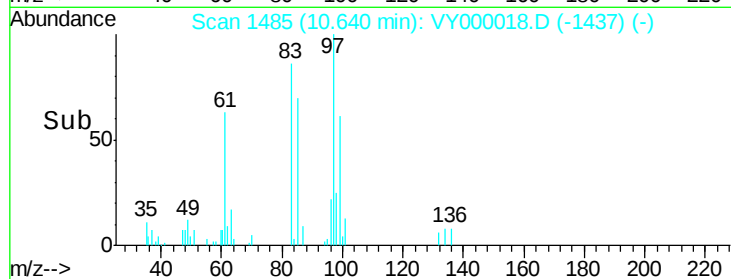
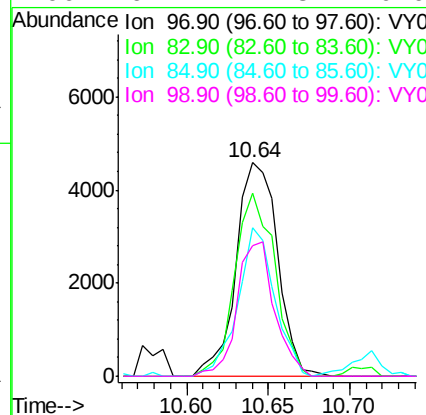
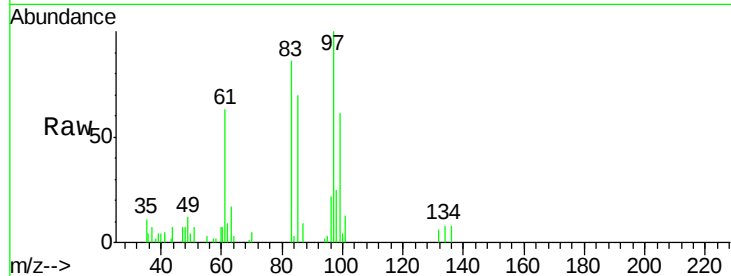
#55
 1,1,2-Trichloroethane
 Concen: 5.404 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	69.6	41.7	62.5
99	61.2	47.3	70.9

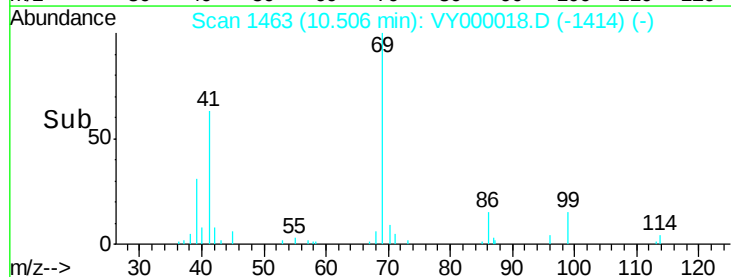
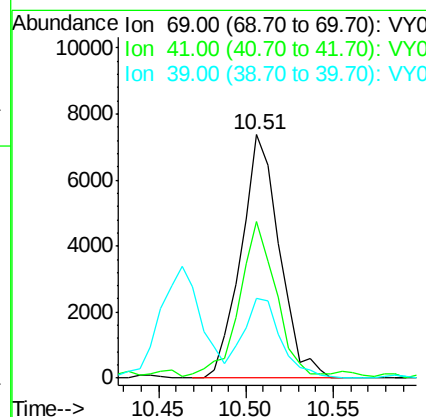
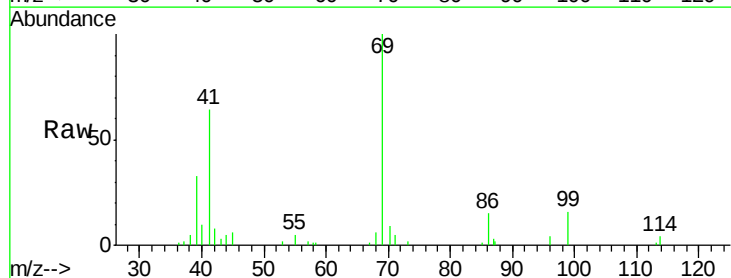
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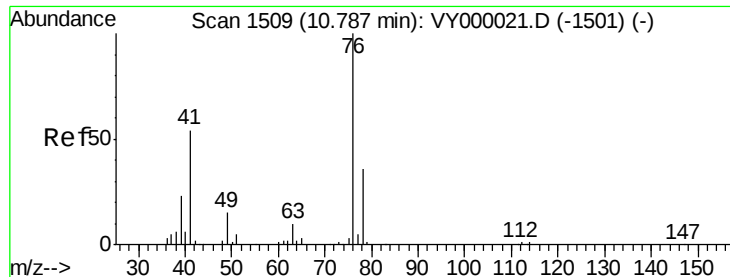
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#56
 Ethyl methacrylate
 Concen: 5.304 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.0	70.4
39	32.4	26.4	39.6





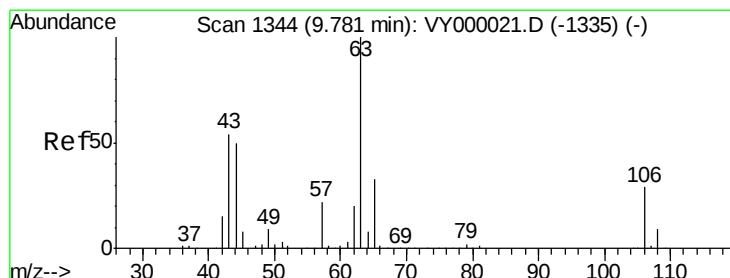
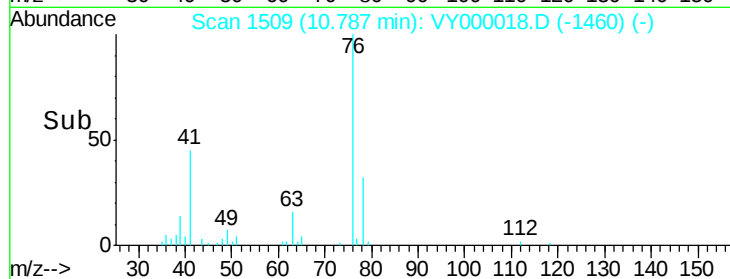
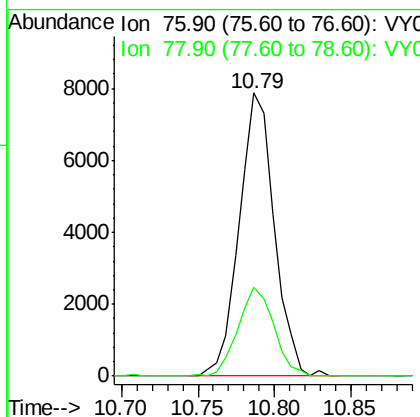
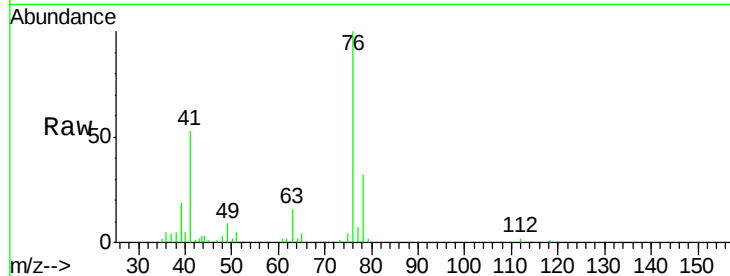
#57
 1,3-Dichloropropane
 Concen: 5.171 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

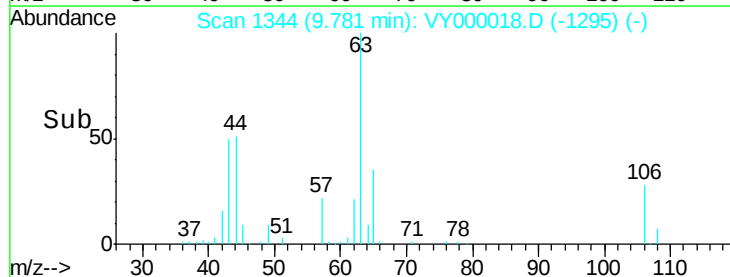
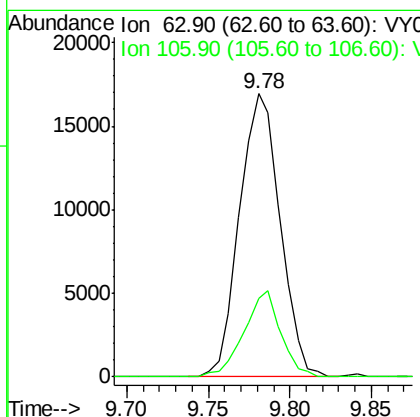
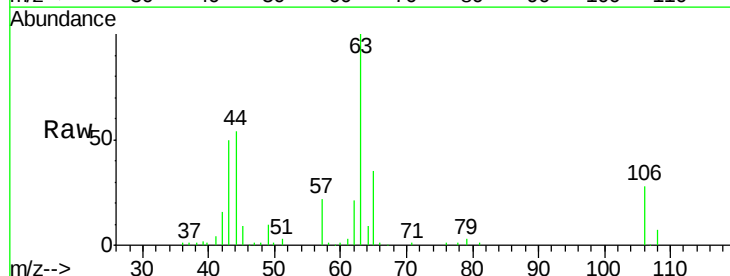
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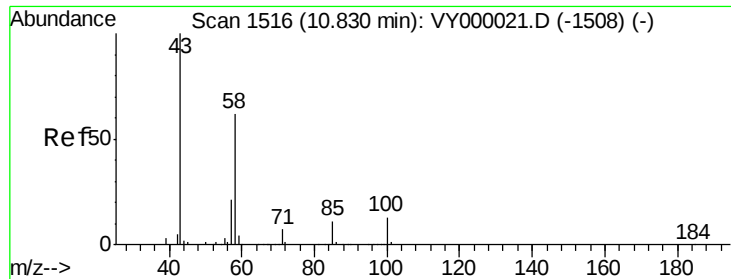
MMDadoda
 9/13/2019 11:53:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.236 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	23.7	35.5





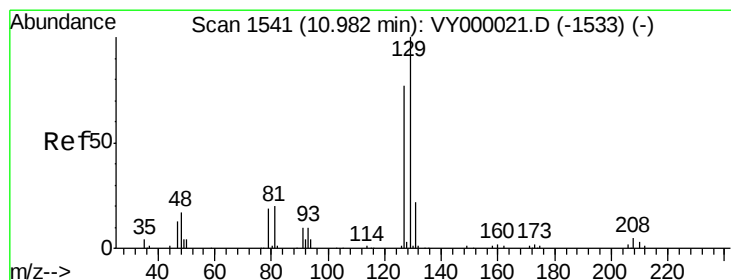
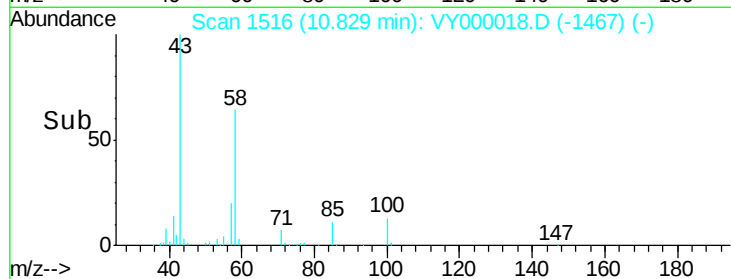
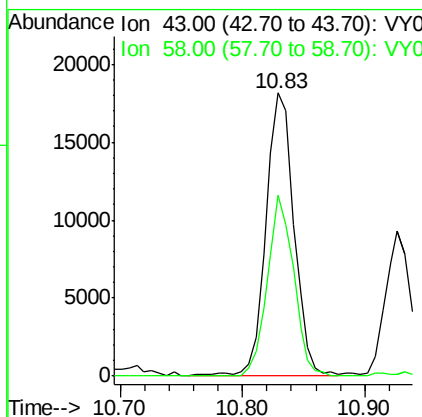
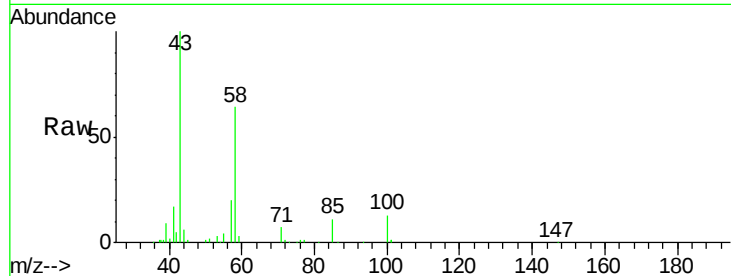
#59
2-Hexanone
Concen: 26.902 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	29099
Ion Ratio	100	Lower	Upper
43	100		
58	59.6	30.3	90.8

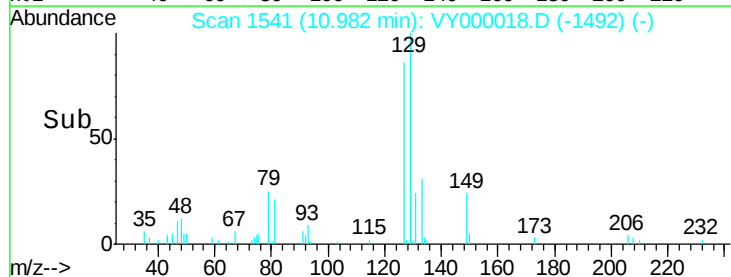
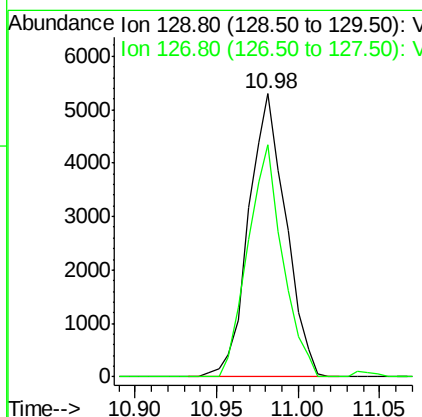
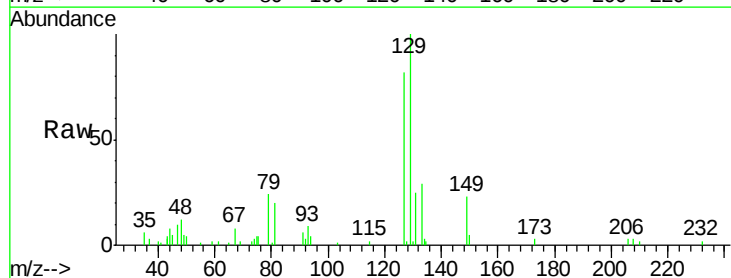
Manual Integrations
APPROVED

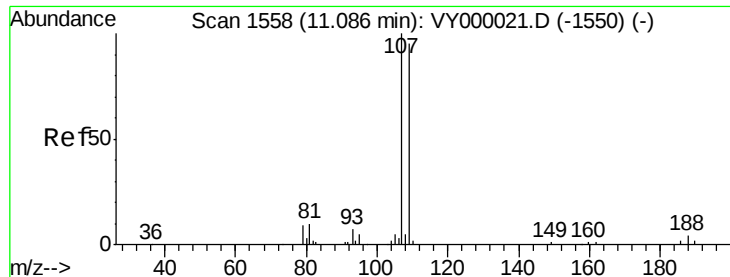
MMDadoda
9/13/2019 11:53:49 PM



#60
Dibromochloromethane
Concen: 5.261 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	129	Resp	8391
Ion Ratio	100	Lower	Upper
129	100		
127	77.1	38.4	115.2





#61

1,2-Dibromoethane

Concen: 4.988 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 6668

Ion Ratio Lower Upper

107 100

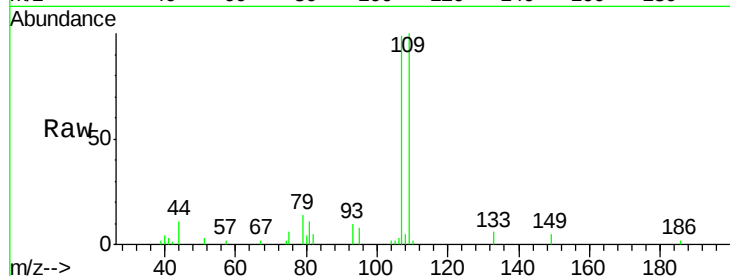
109 102.5 76.7 115.1

Manual Integrations

APPROVED

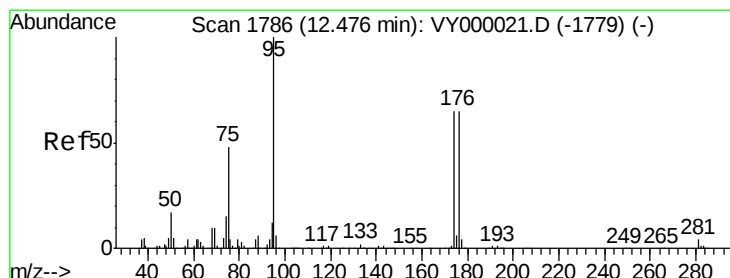
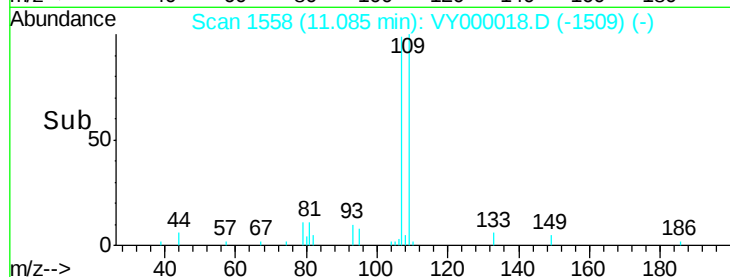
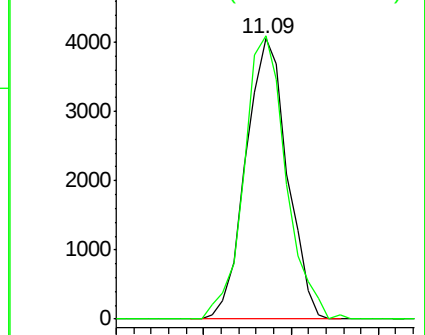
MMDadoda

9/13/2019 11:53:49 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.954 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

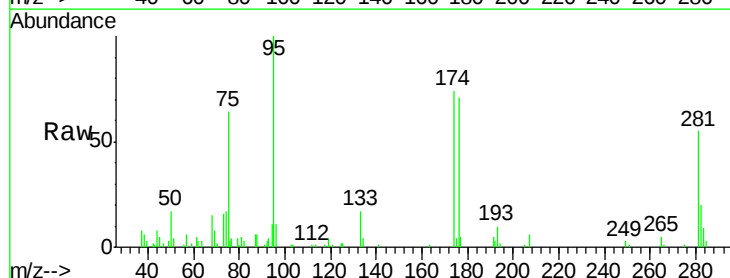
Tgt Ion: 95 Resp: 11613

Ion Ratio Lower Upper

95 100

174 66.2 0.0 137.6

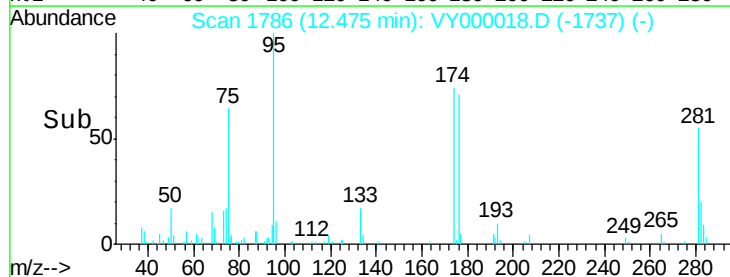
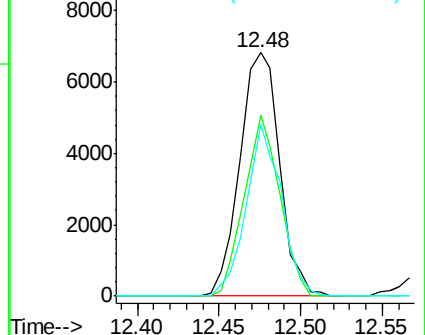
176 62.5 0.0 134.8

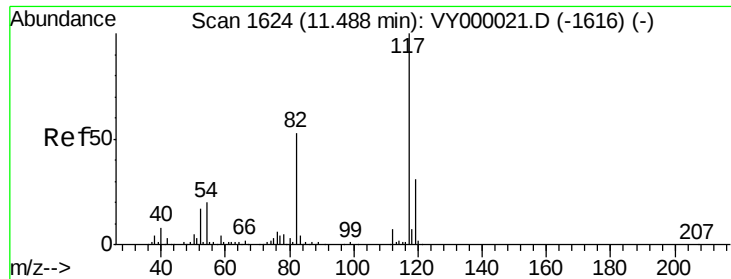


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





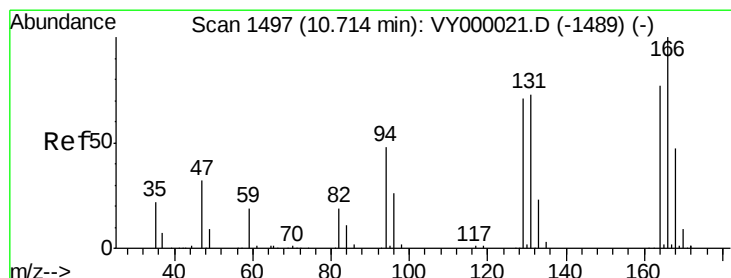
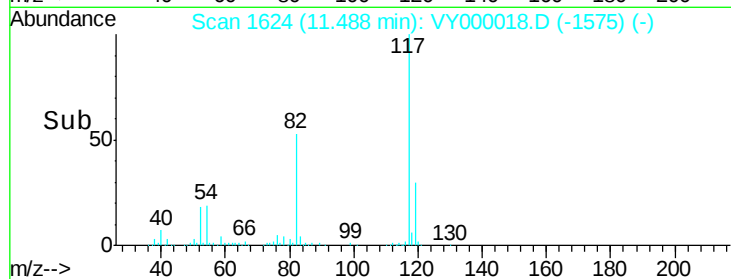
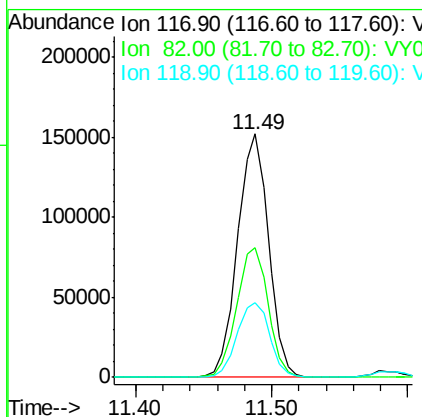
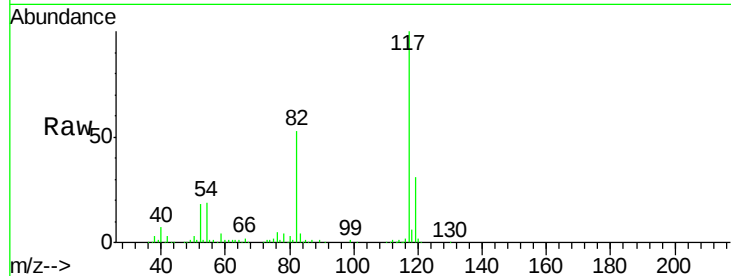
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	241631		
82	53.5	42.5	63.7	
119	30.6	25.1	37.7	

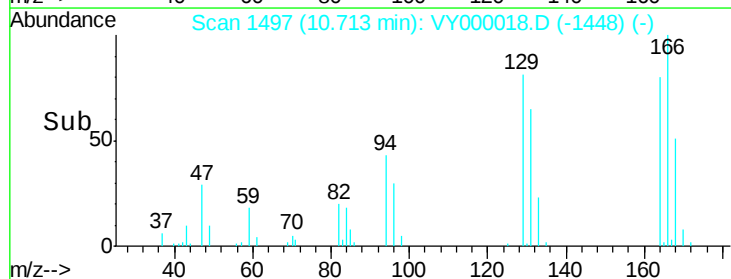
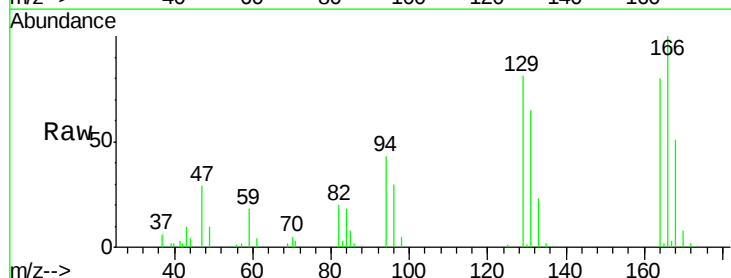
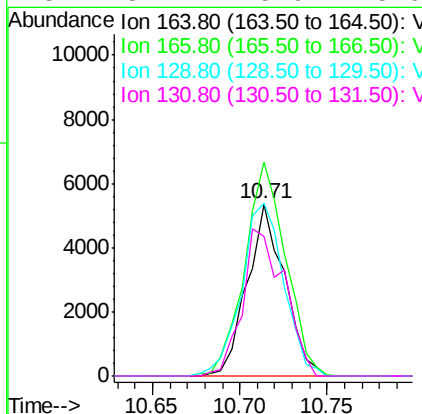
Manual Integrations
APPROVED

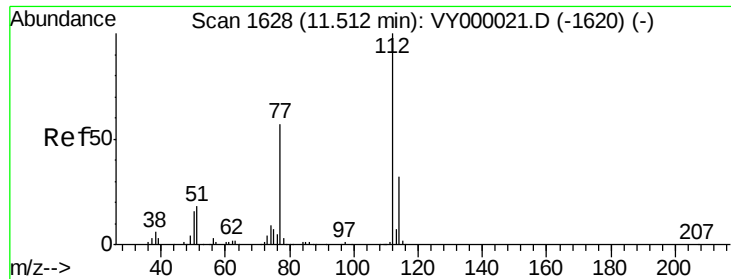
MMDadoda
9/13/2019 11:53:49 PM



#64
Tetrachloroethene
Concen: 5.375 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	7964		
166	124.5	103.4	155.0	
129	101.1	73.4	110.0	
131	81.1	75.9	113.9	





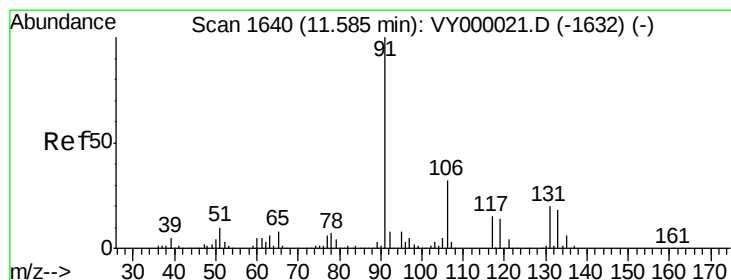
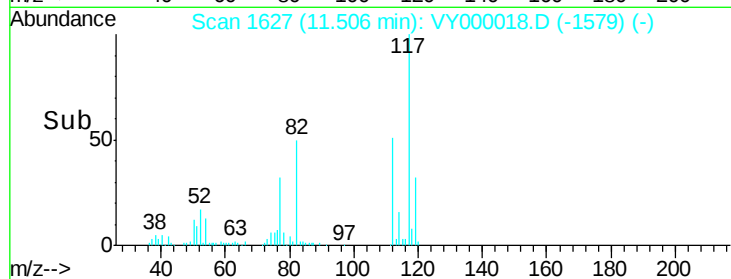
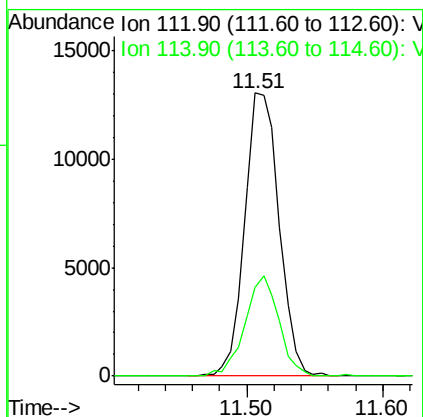
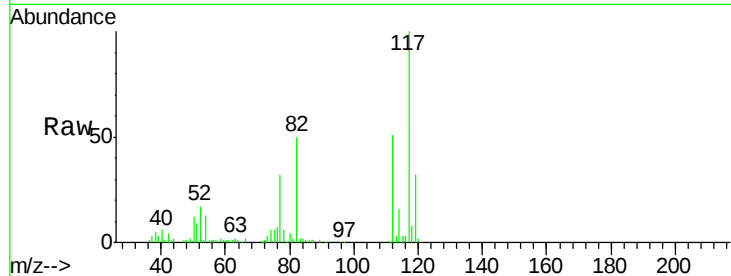
#65
Chlorobenzene
Concen: 5.025 ug/l
RT: 11.51 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.4	38.2

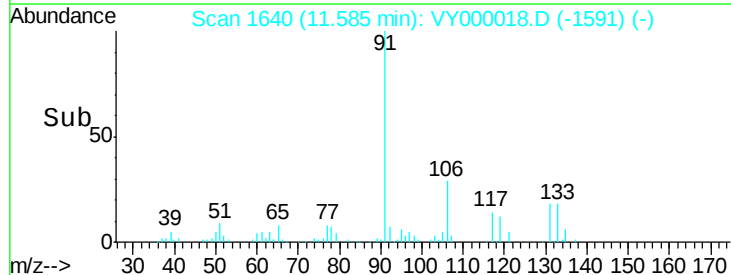
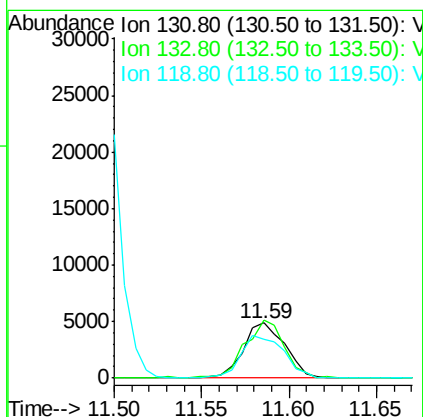
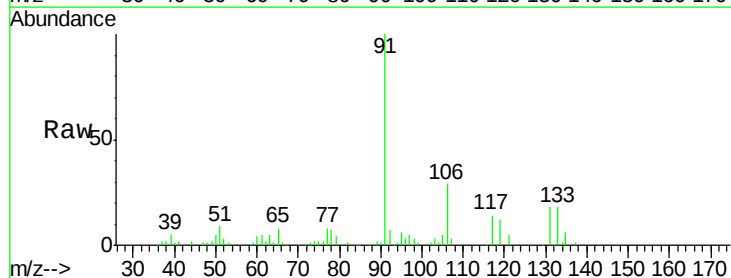
Manual Integrations
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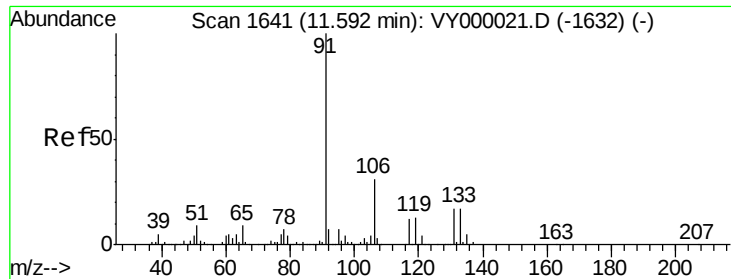
MMDadoda
9/13/2019 11:53:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.060 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.7	47.2	141.6
119	79.3	35.4	106.3





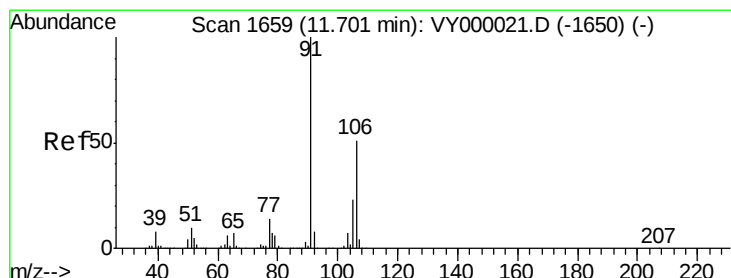
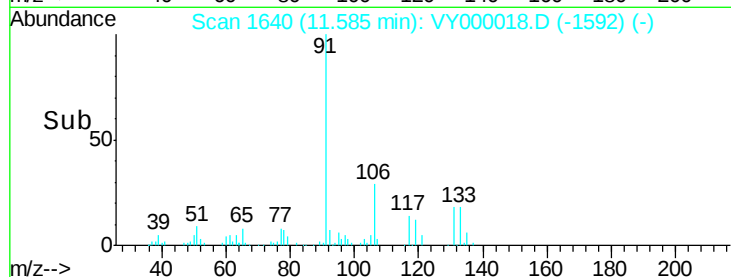
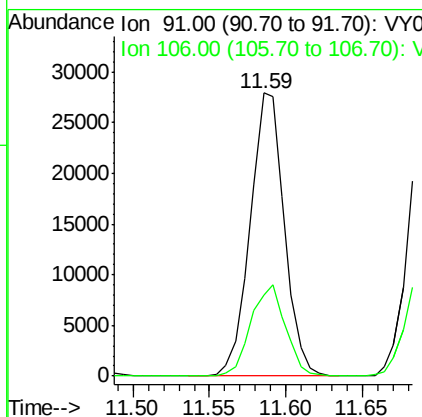
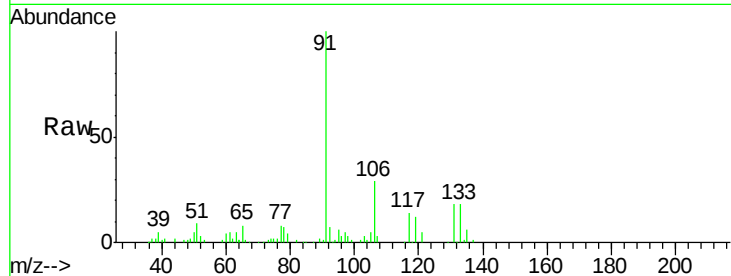
#67
Ethyl Benzene
Concen: 5.184 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 43360
Ion Ratio Lower Upper
91 100
106 28.8 24.6 37.0

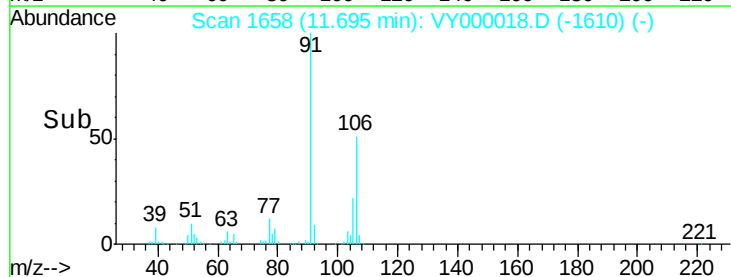
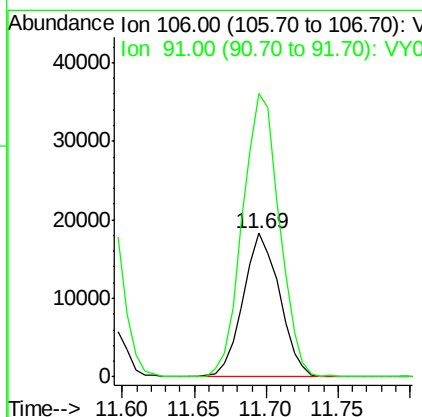
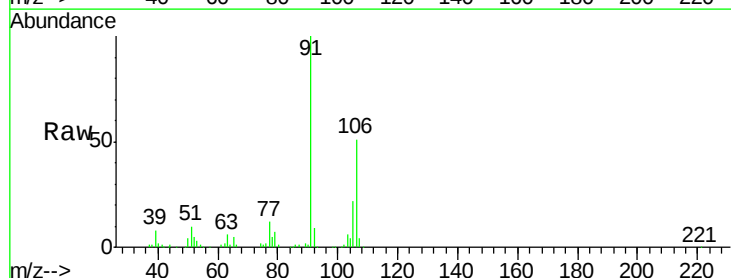
Manual Integrations
APPROVED

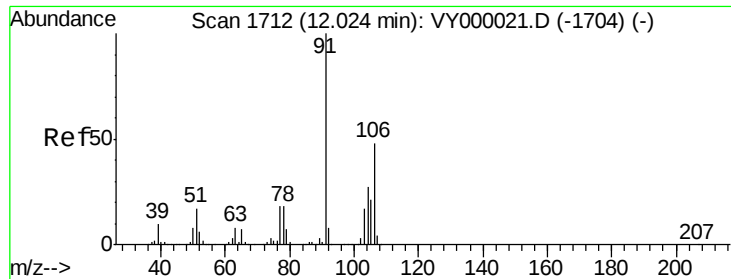
MMDadoda
9/13/2019 11:53:49 PM



#68
m/p-Xylenes
Concen: 10.193 ug/l
RT: 11.69 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion: 106 Resp: 32172
Ion Ratio Lower Upper
106 100
91 199.0 158.5 237.7





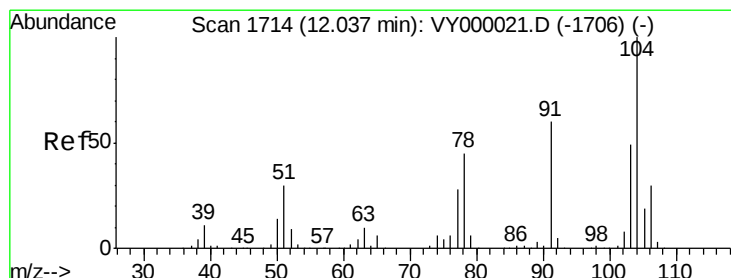
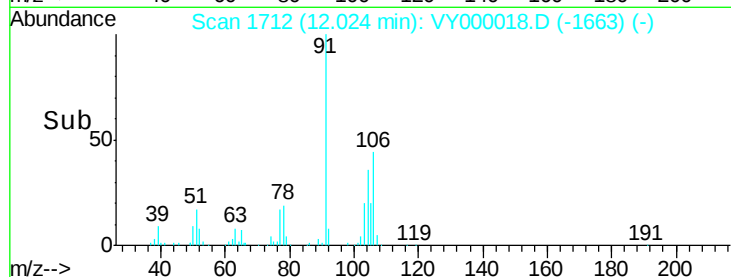
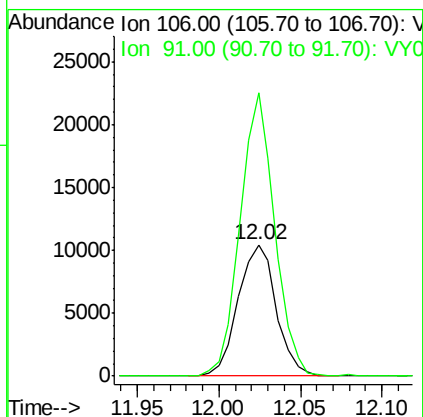
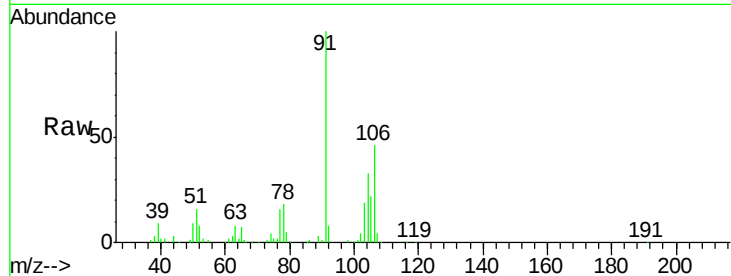
#69
o-Xylene
Concen: 5.465 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		16906		
91	195.8	104.0	312.0		

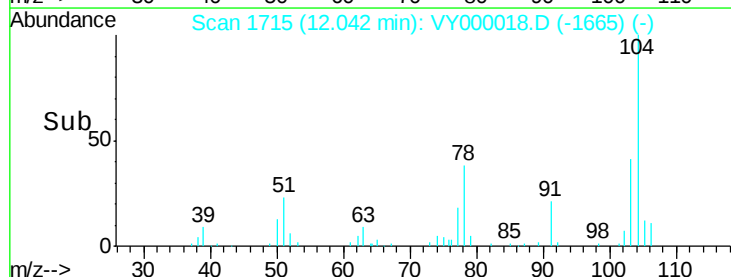
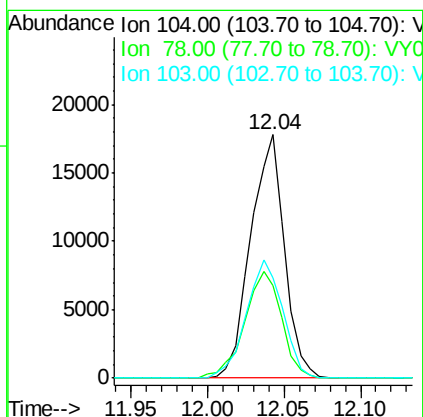
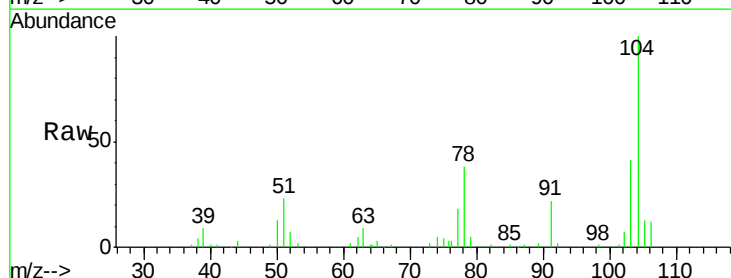
Manual Integrations
APPROVED

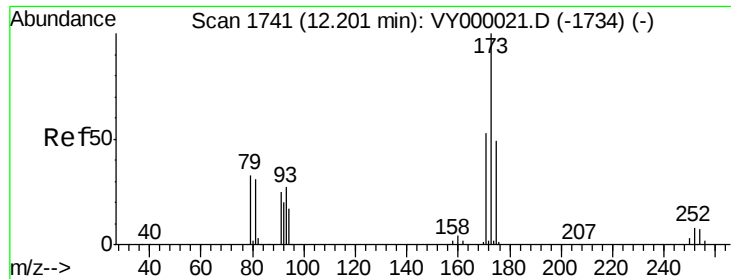
MMDadoda
9/13/2019 11:53:49 PM



#70
Styrene
Concen: 5.081 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		27343		
78	47.9	38.0	57.0		
103	52.4	42.4	63.6		





#71

Bromoform

Concen: 4.972 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 4789

Ion Ratio Lower Upper

173 100

175 54.7 25.1 75.4

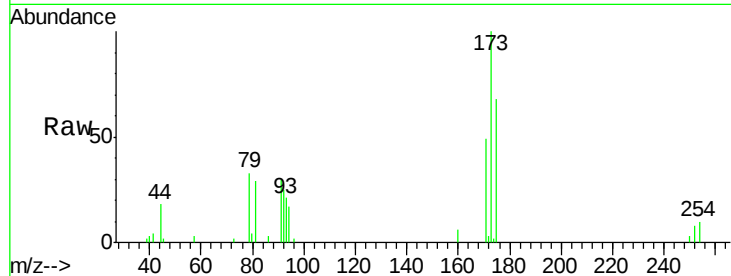
254 0.0 0.0 0.0

Manual Integrations

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MMDadoda

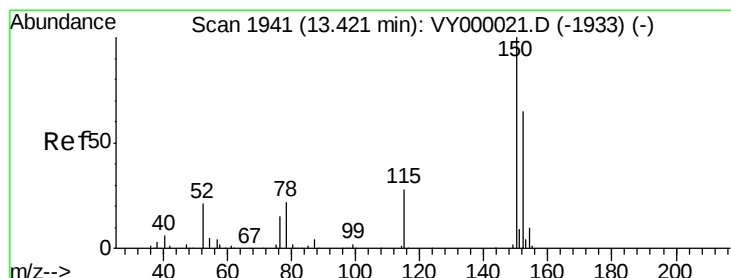
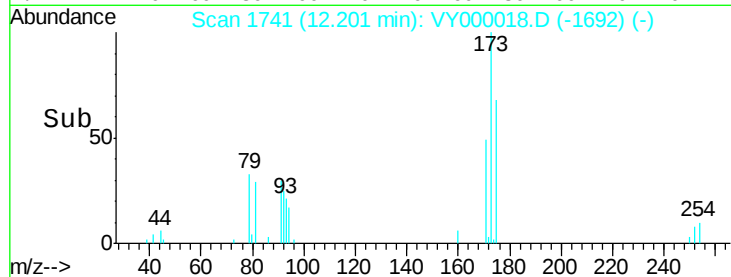
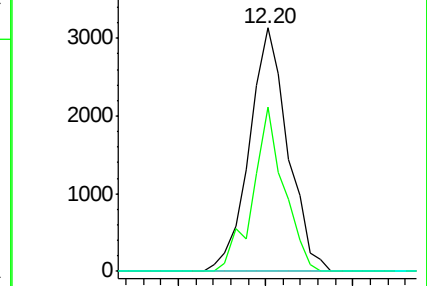
9/13/2019 11:53:49 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

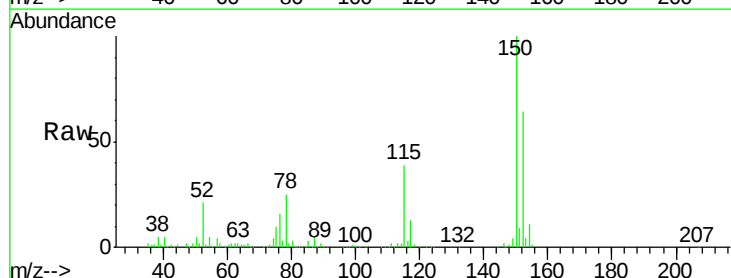
Tgt Ion:152 Resp: 104018

Ion Ratio Lower Upper

152 100

115 64.1 29.4 88.2

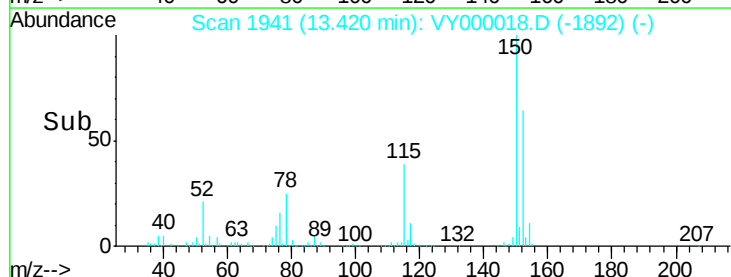
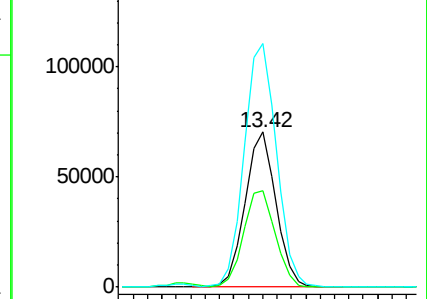
150 164.7 0.0 349.0

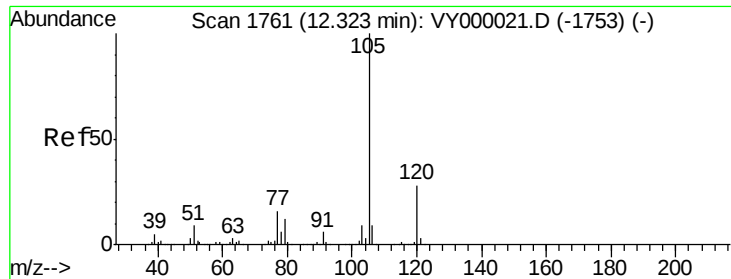


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





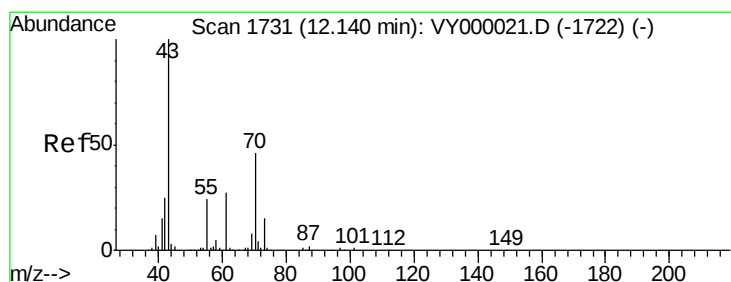
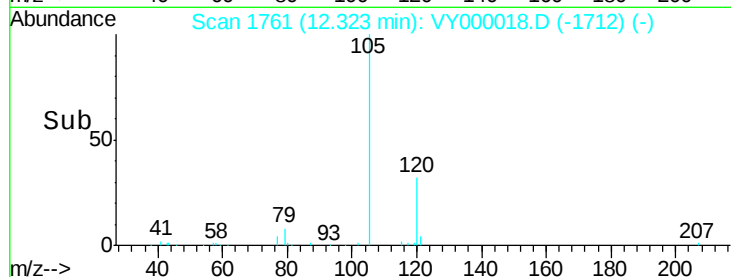
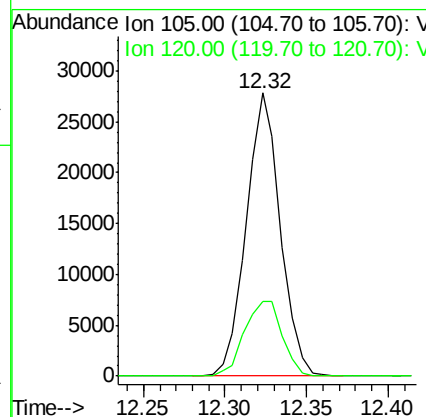
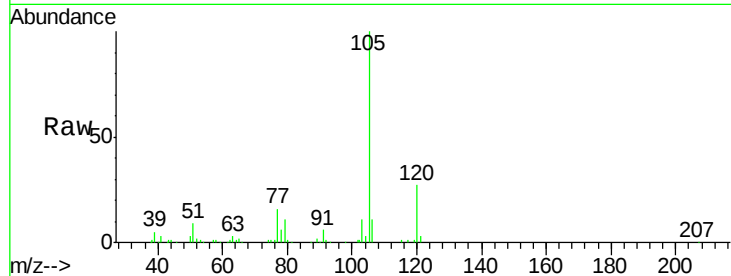
#73
Isopropylbenzene
Concen: 5.075 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	29.5	13.9	41.6

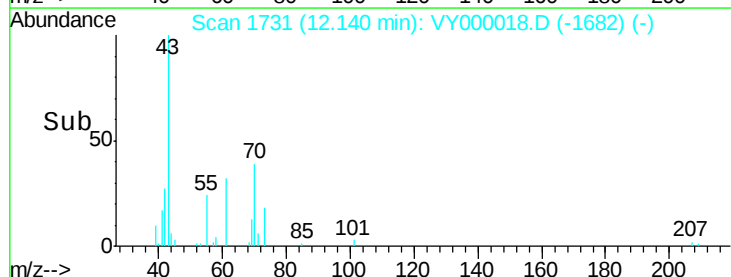
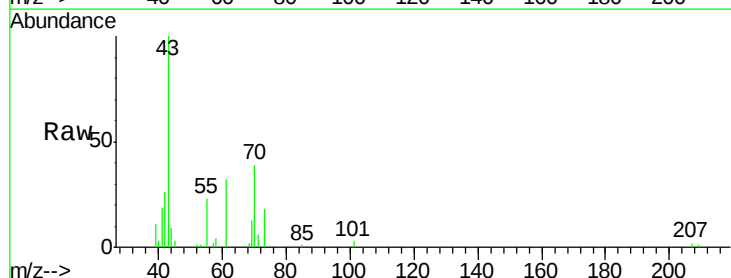
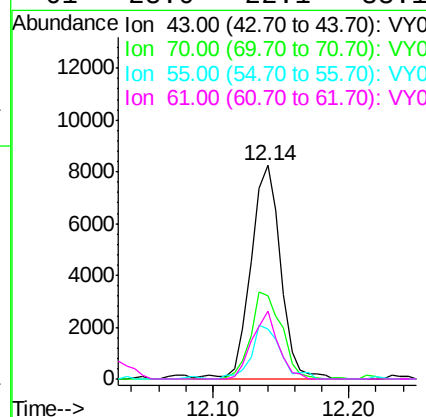
Manual Integrations
APPROVED

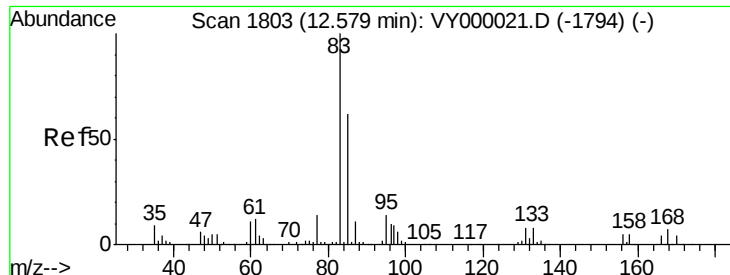
MMDadoda
9/13/2019 11:53:49 PM



#74
N-ethyl acetate
Concen: 5.387 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.0	38.1	57.1
55	24.7	18.7	28.1
61	28.0	22.1	33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.406 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

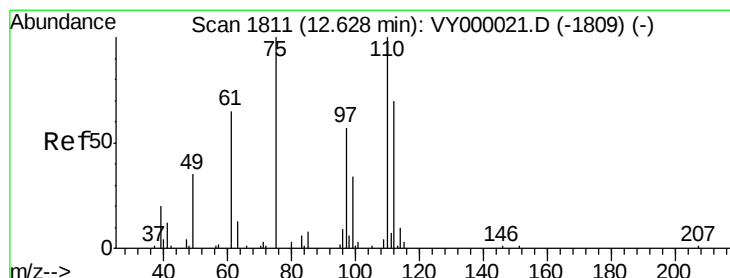
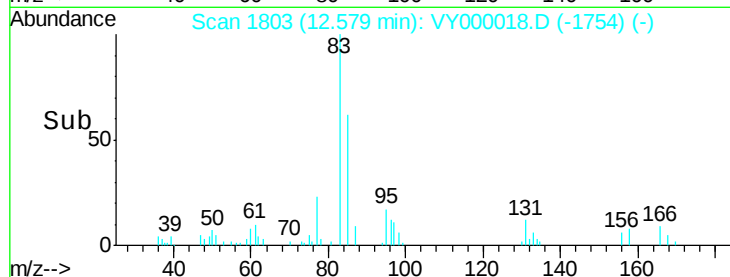
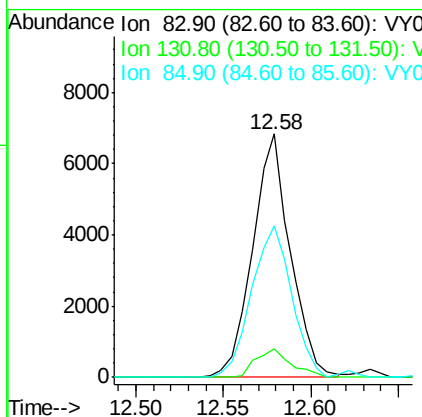
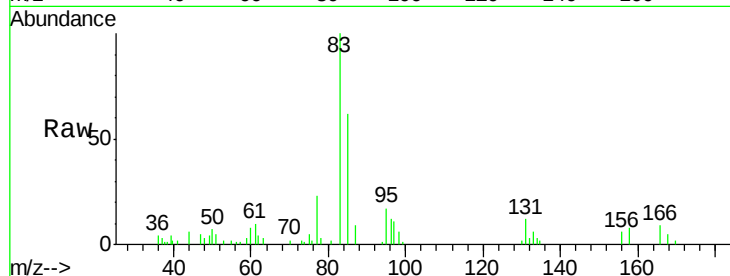
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	10273
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.6	13.8
85	65.8	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 3.775 ug/l m

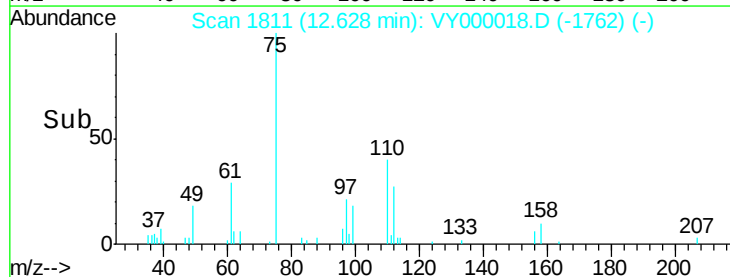
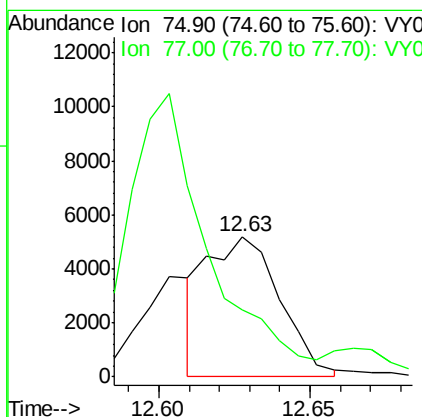
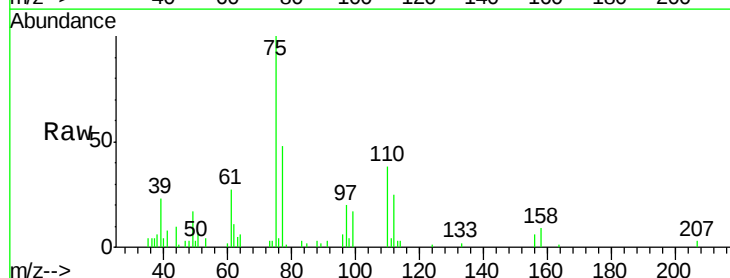
RT: 12.63 min Scan# 1811

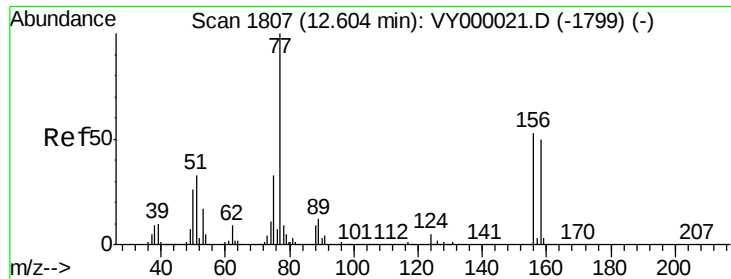
Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	75	Resp:	8709
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





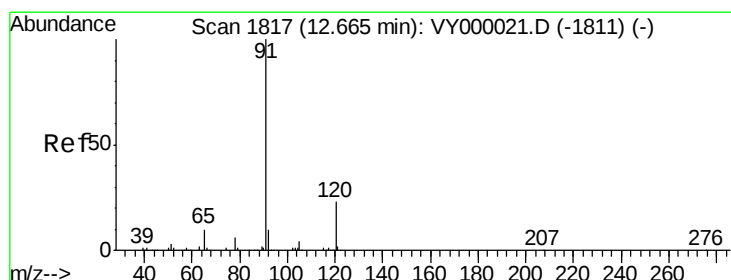
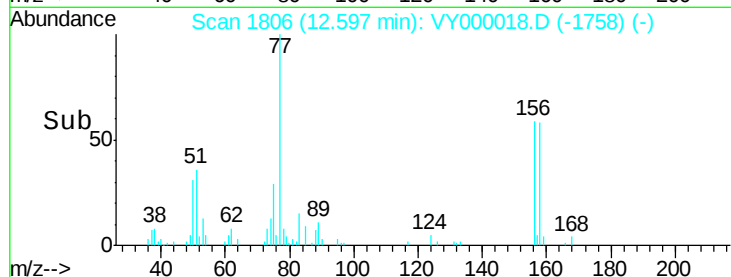
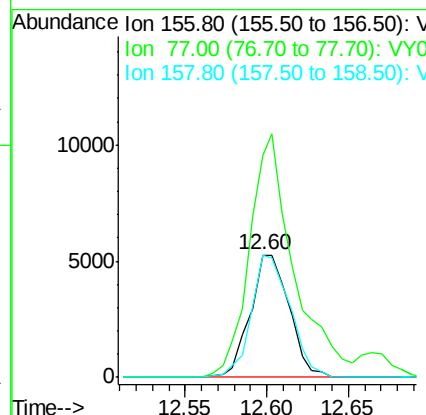
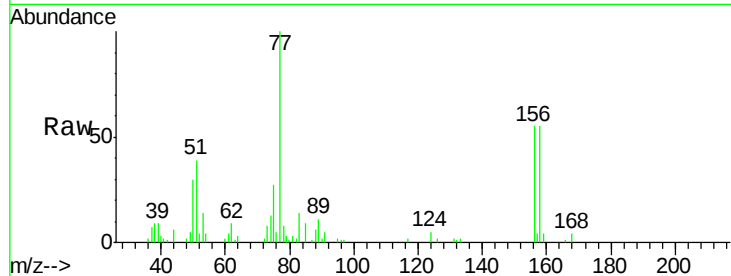
#77
Bromobenzene
Concen: 5.220 ug/l
RT: 12.60 min Scan# 1806
Delta R.T. -0.01 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	226.7	106.0	317.9
158	99.3	47.3	141.9

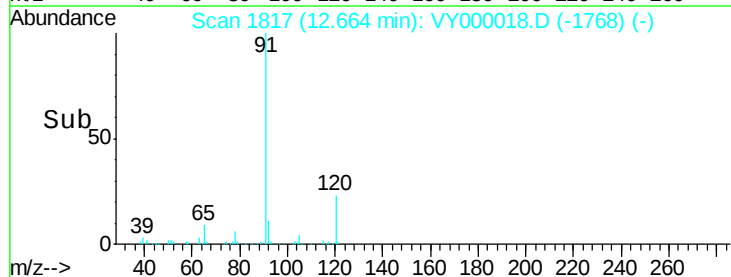
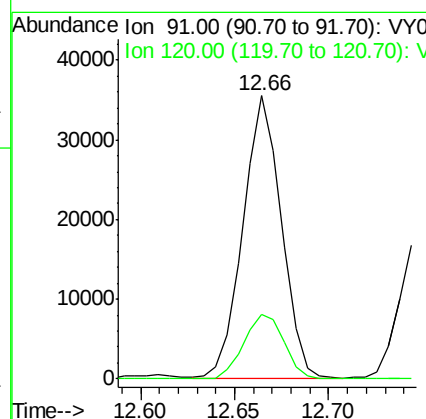
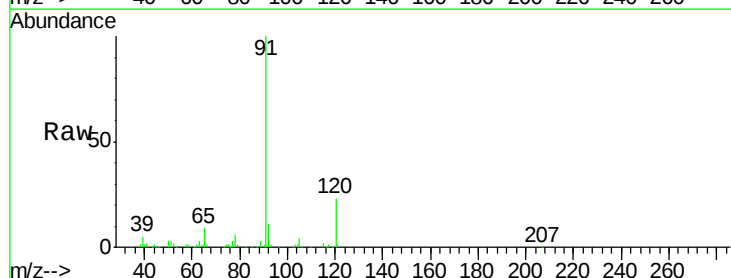
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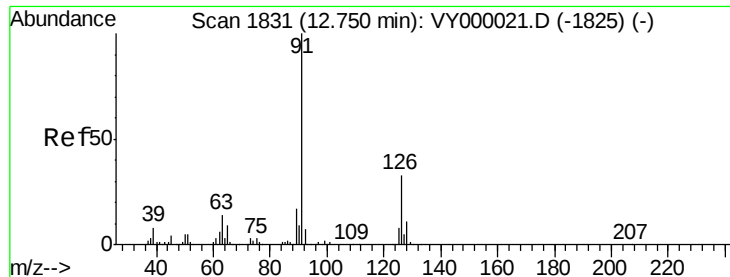
MMDadoda
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#78
n-propylbenzene
Concen: 5.193 ug/l
RT: 12.66 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.7





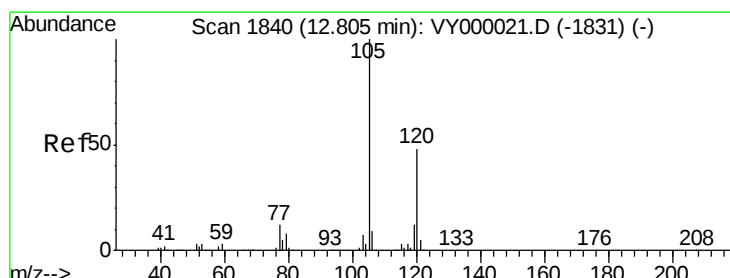
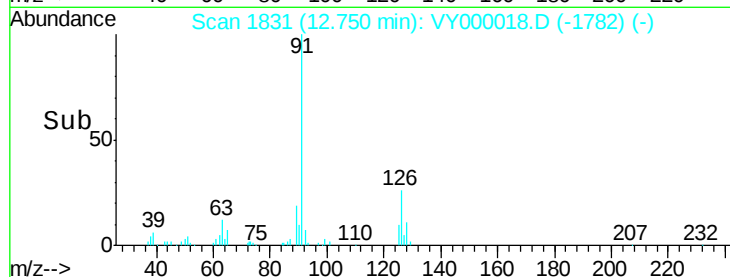
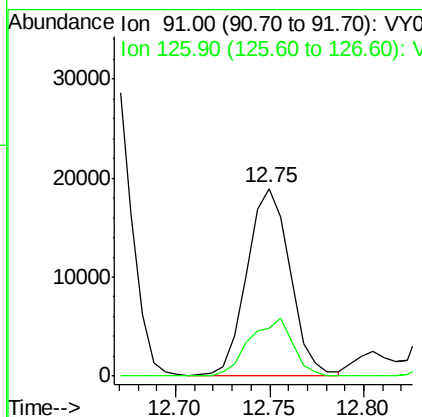
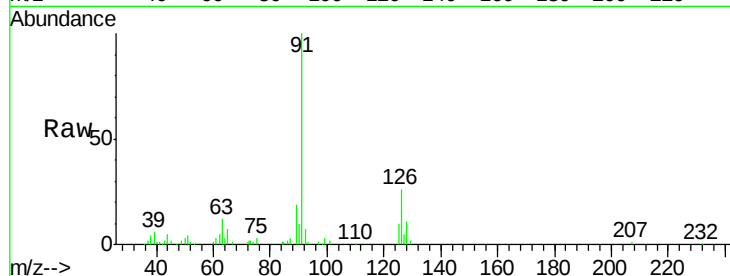
#79
 2-Chlorotoluene
 Concen: 5.555 ug/l
 RT: 12.75 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 30171
 Ion Ratio Lower Upper
 91 100
 126 30.6 16.9 50.7

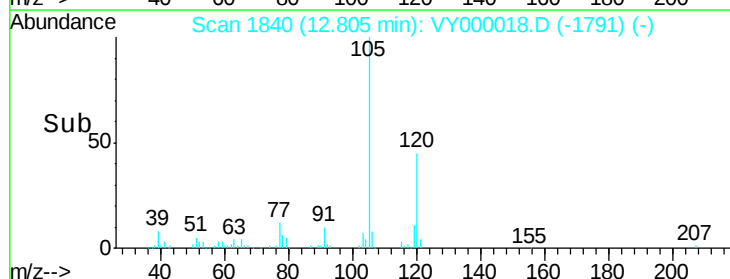
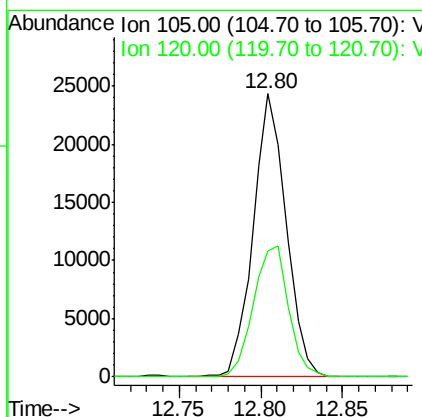
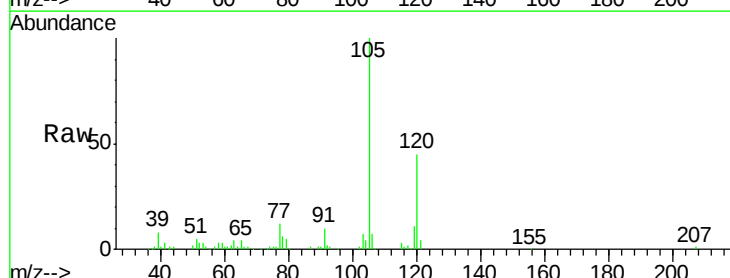
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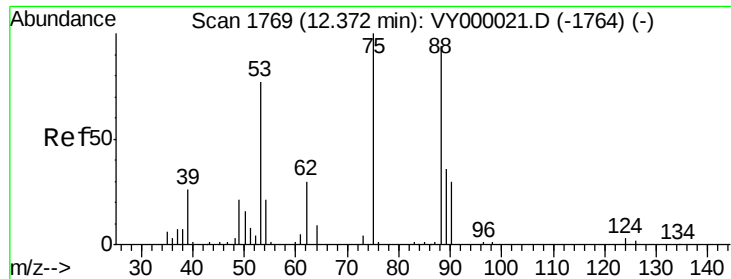
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#80
 1,3,5-Trimethylbenzene
 Concen: 5.175 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion: 105 Resp: 34339
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 5.784 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

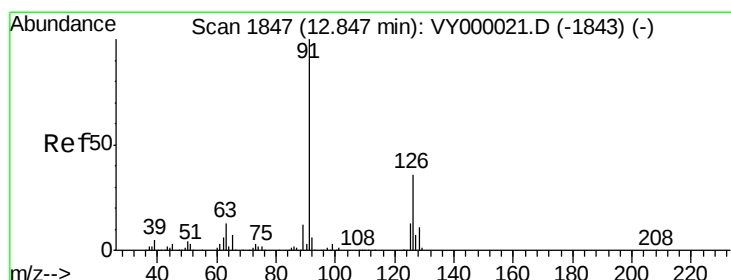
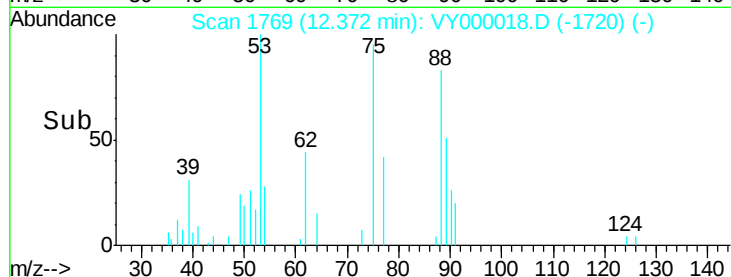
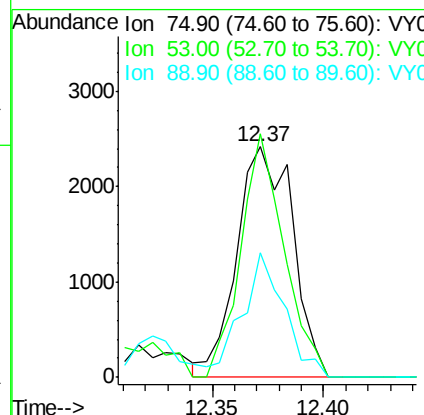
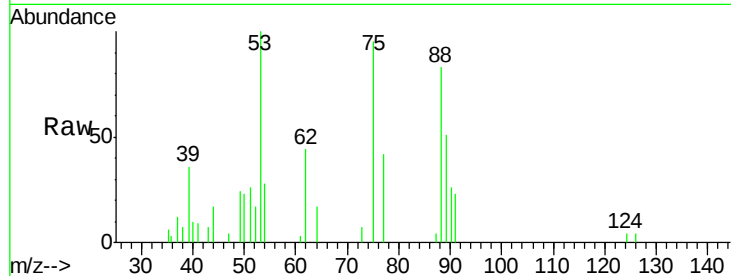
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	4213
Ion	Ratio	Lower	Upper
75	100		
53	82.1	64.2	96.2
89	41.0	35.5	53.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.343 ug/l

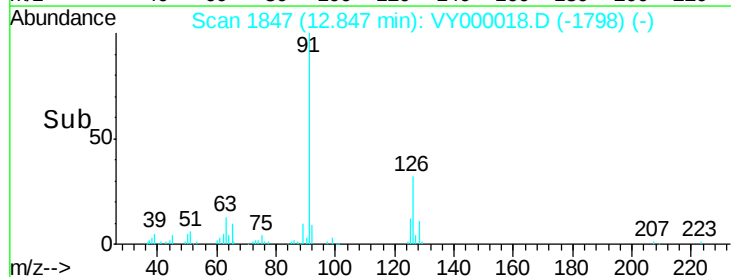
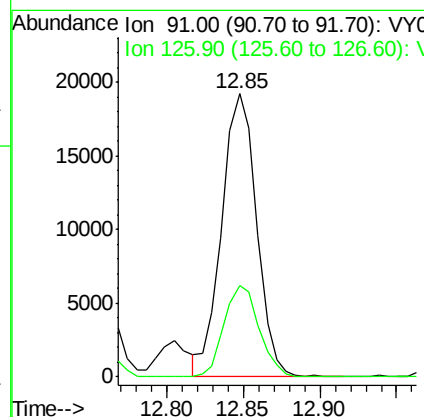
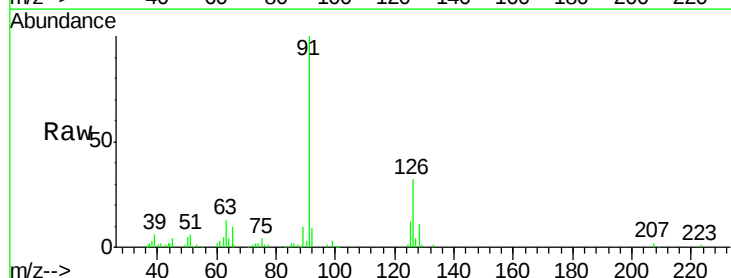
RT: 12.85 min Scan# 1847

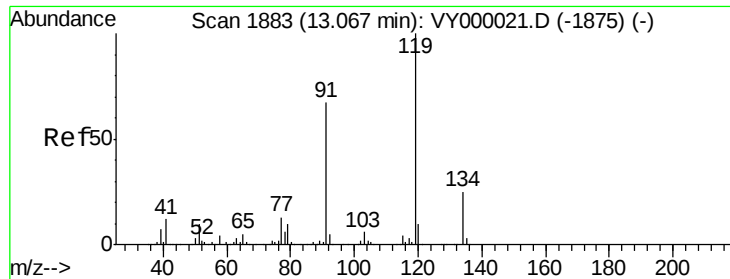
Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	91	Resp:	30455
Ion	Ratio	Lower	Upper
91	100		
126	32.4	17.2	51.5





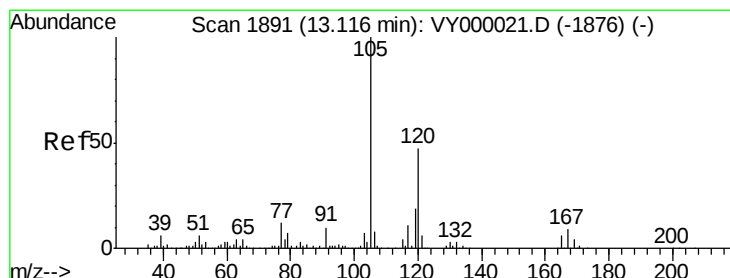
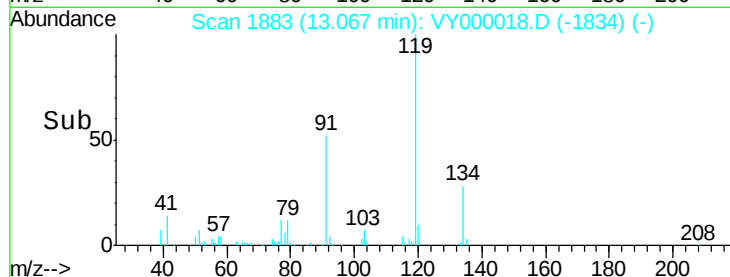
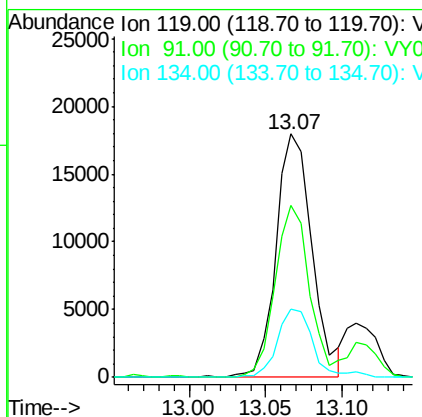
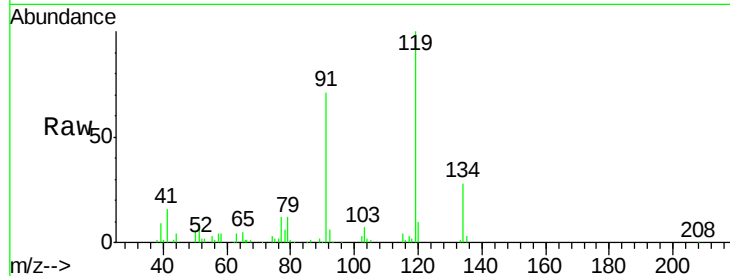
#83
tert-Butylbenzene
Concen: 5.150 ug/l
RT: 13.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	29366		
91	68.4		33.1	99.5
134	28.1		13.5	40.5

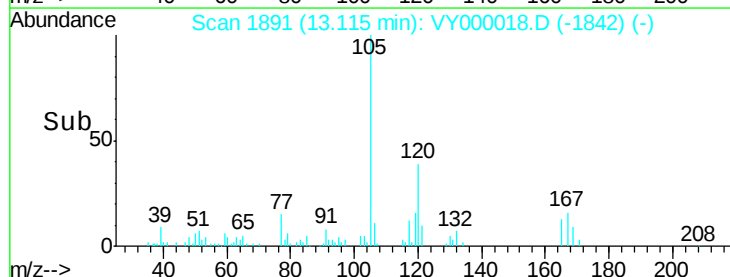
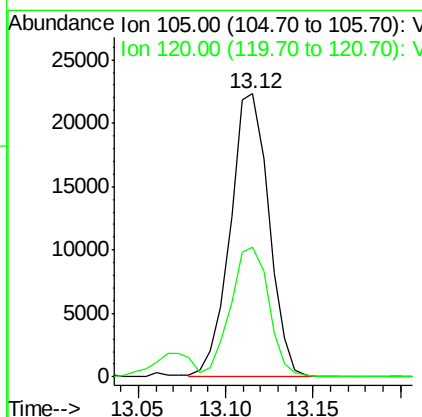
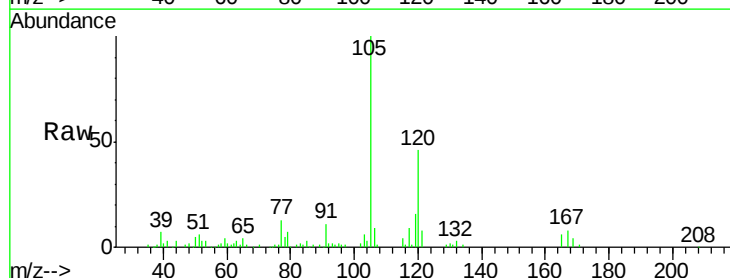
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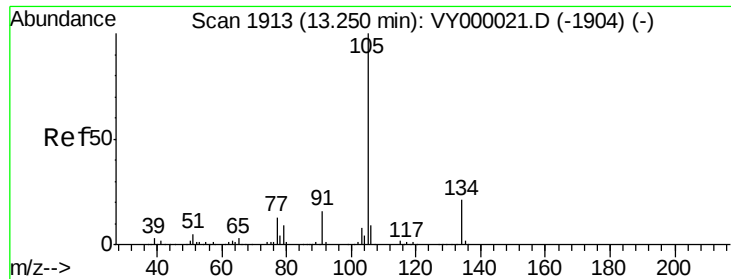
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#84
1,2,4-Trimethylbenzene
Concen: 5.248 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	34405		
120	45.5		23.1	69.3





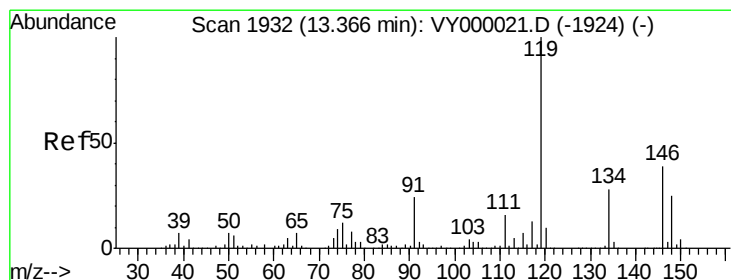
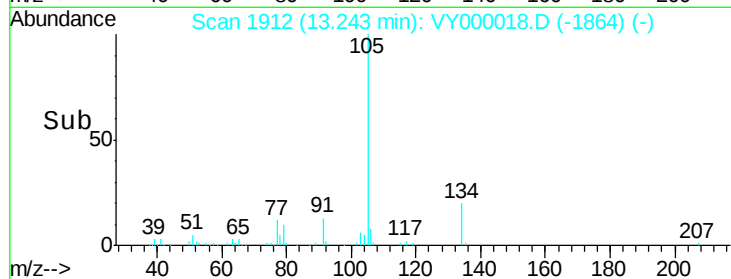
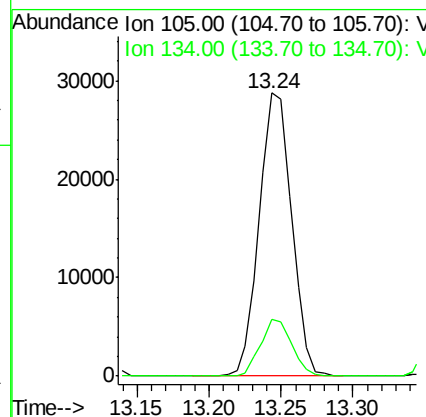
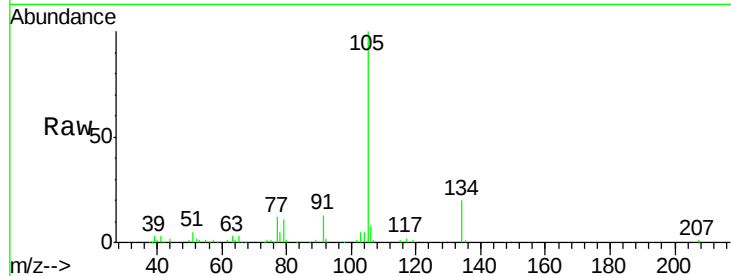
#85
 sec-Butylbenzene
 Concen: 5.309 ug/l
 RT: 13.24 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.1	30.1

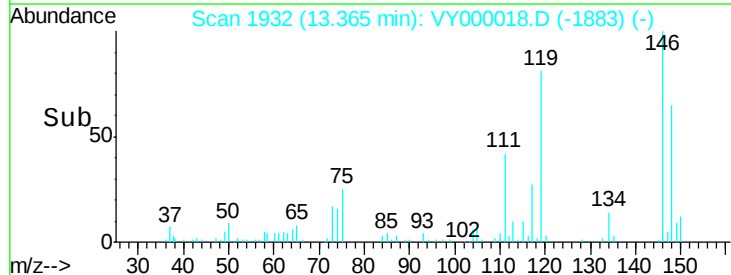
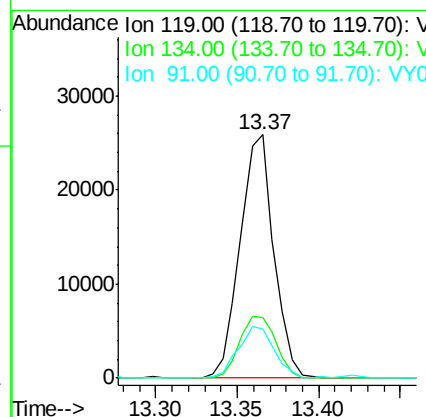
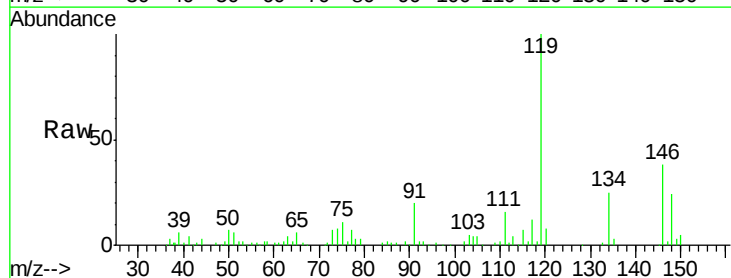
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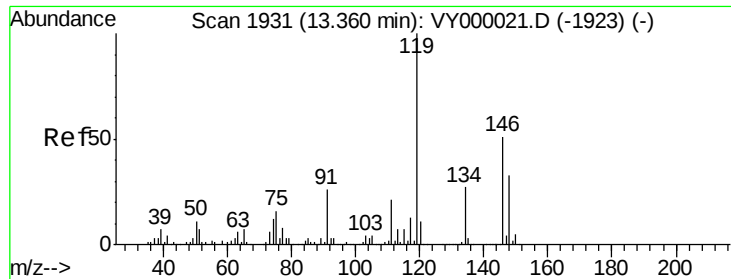
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#86
 p-Isopropyltoluene
 Concen: 5.227 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.8	41.3
91	23.0	12.4	37.2





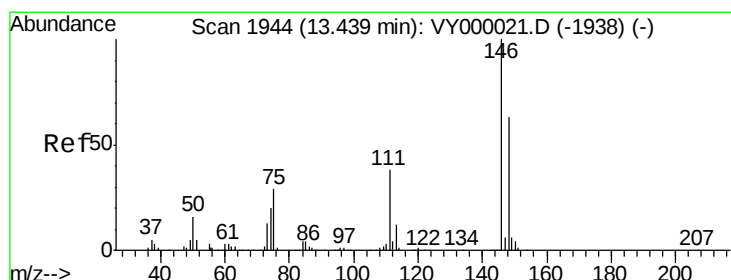
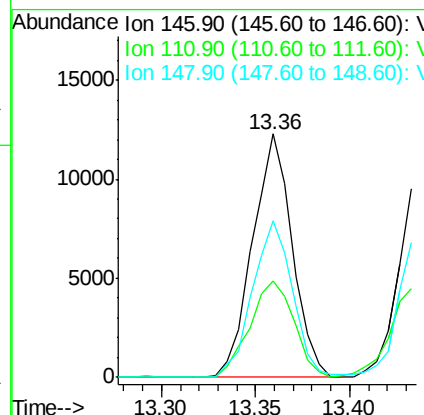
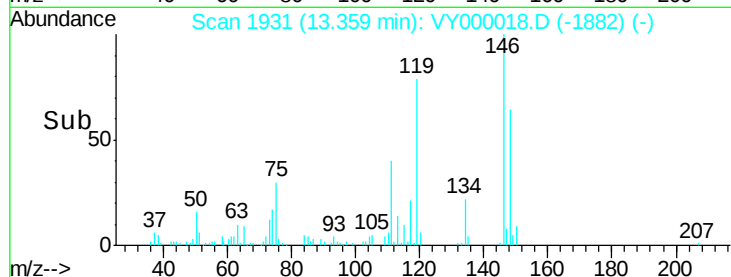
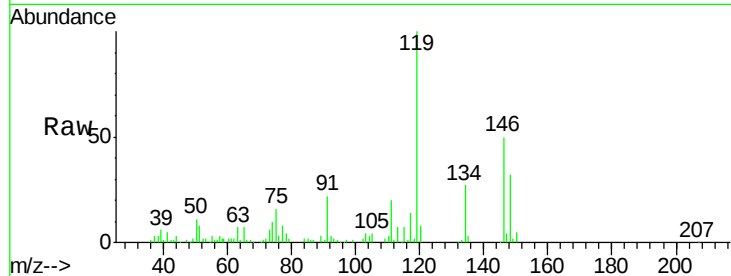
#87
 1,3-Dichlorobenzene
 Concen: 5.281 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.2	63.6
148	65.5	32.1	96.5

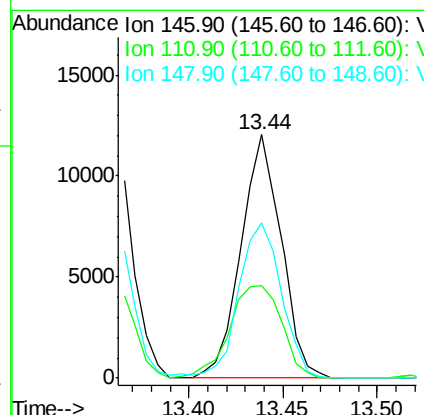
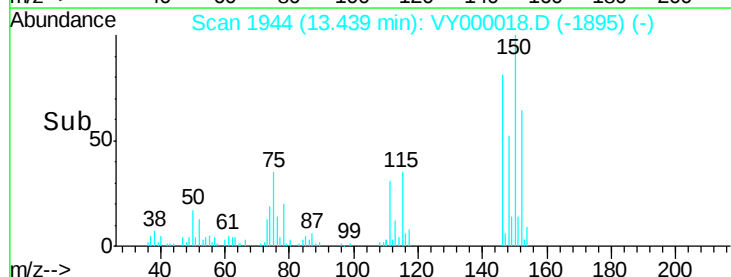
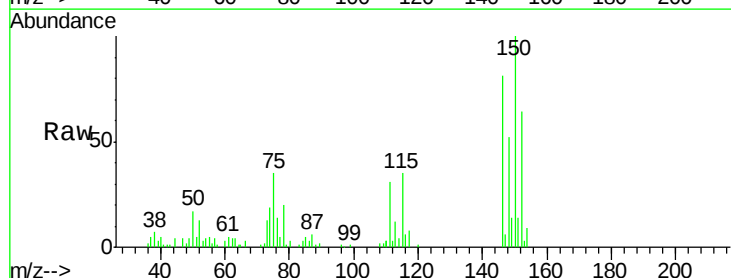
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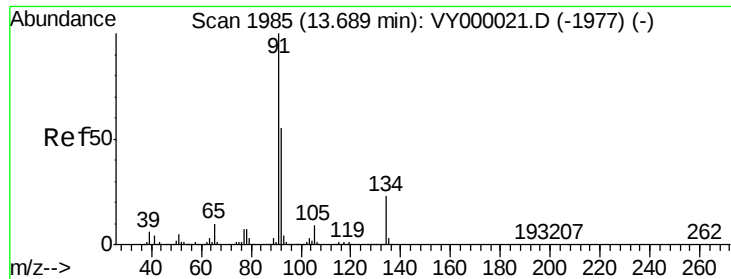
MMDadoda
 9/13/2019 11:53:49 PM



#88
 1,4-Dichlorobenzene
 Concen: 5.248 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	20.3	60.9
148	67.3	31.7	95.1





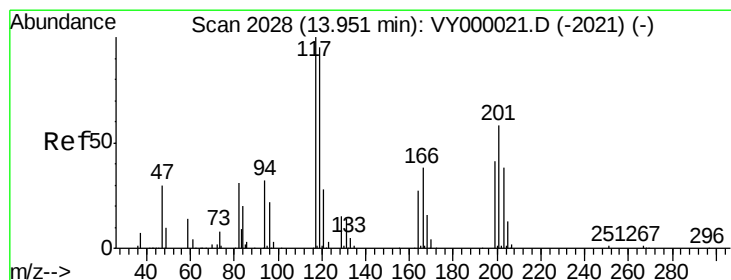
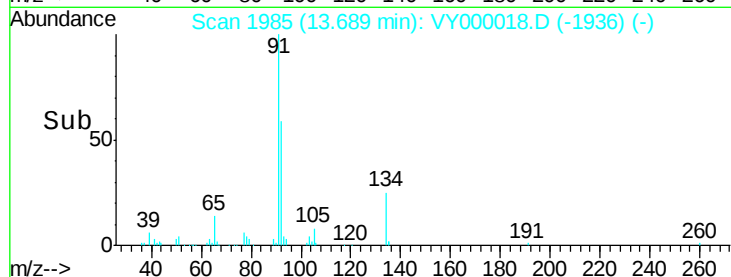
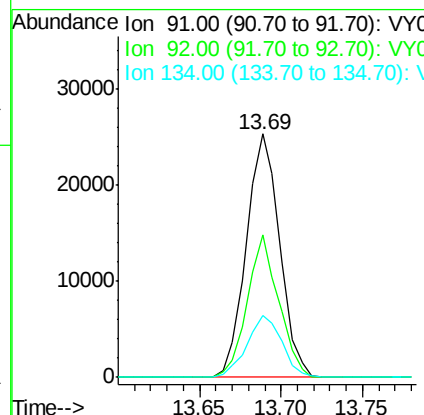
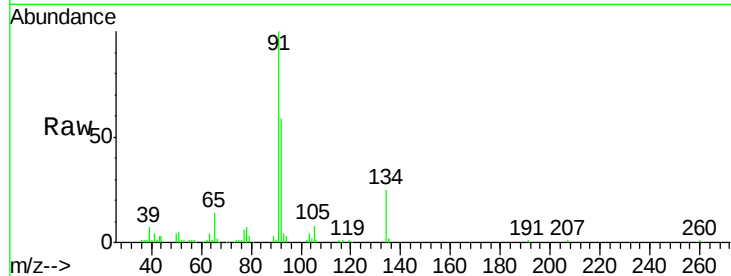
#89
n-Butylbenzene
Concen: 4.988 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.6
134	26.6	12.6	37.6

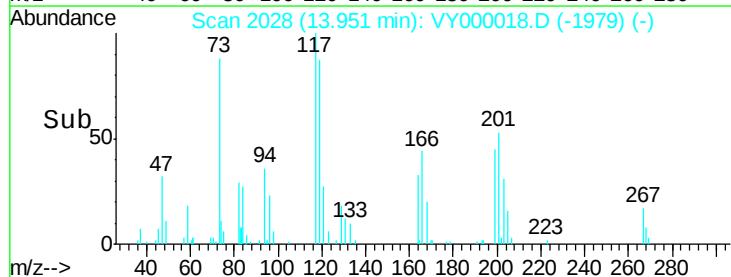
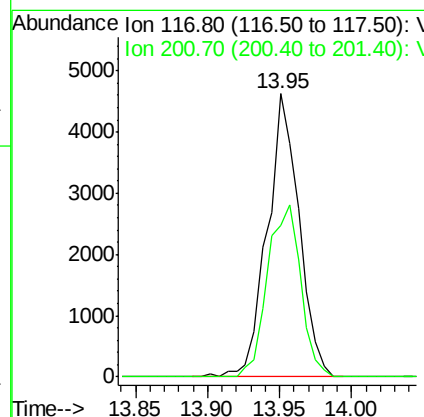
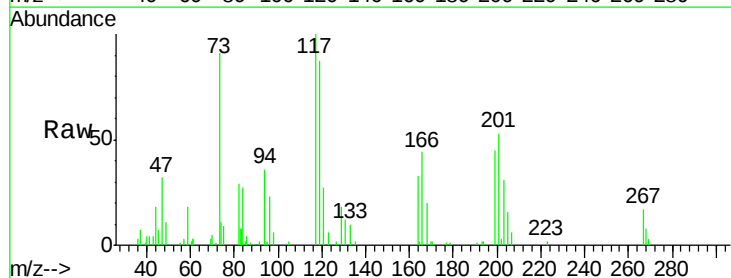
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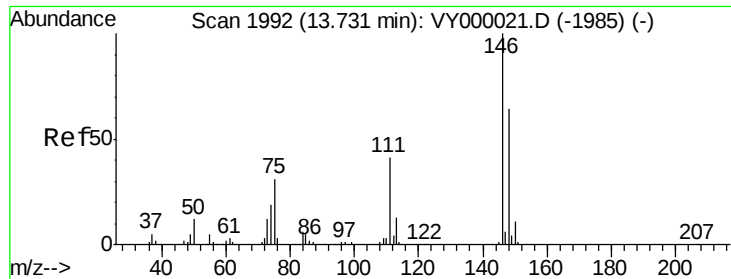
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#90
Hexachloroethane
Concen: 4.953 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VY000018.D
Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.5	31.4	94.0





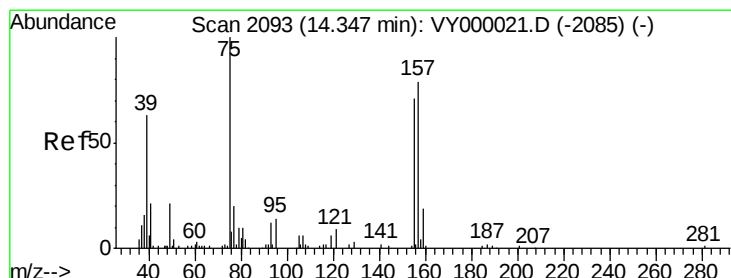
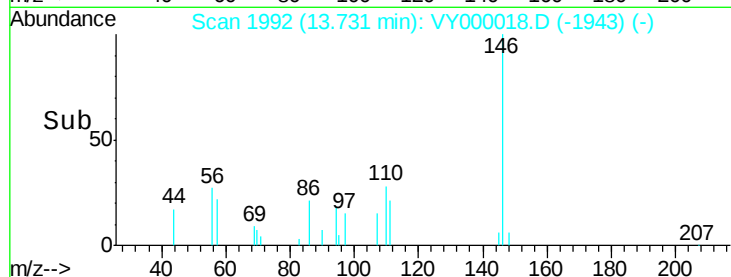
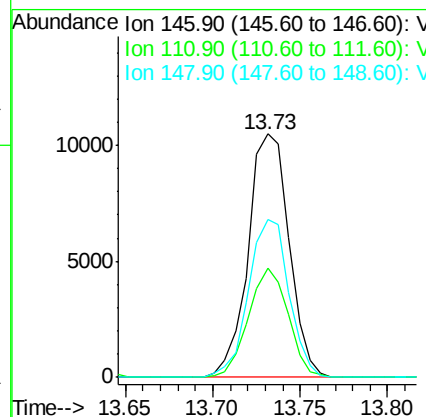
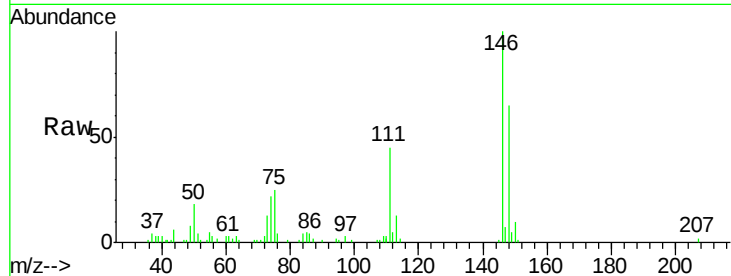
#91
 1,2-Dichlorobenzene
 Concen: 5.419 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.0	63.0
148	64.2	31.6	95.0

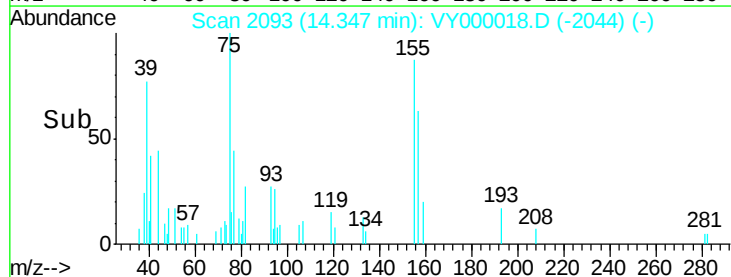
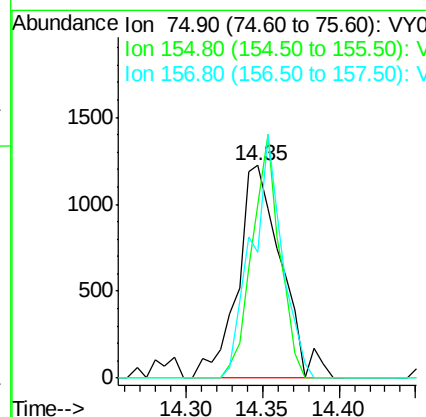
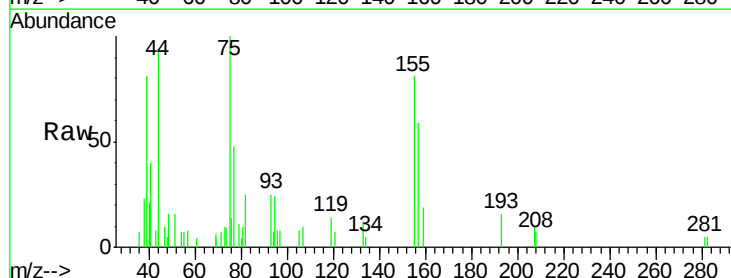
Manual Integrations
 APPROVED

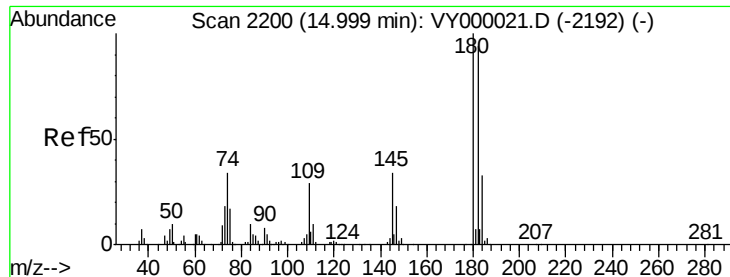
MMDadoda
 9/13/2019 11:53:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.558 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: VY000018.D
 Acq: 12 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.2	41.8	125.3
157	80.5	51.3	153.9





#93

1,2,4-Trichlorobenzene

Concen: 5.572 ug/l

RT: 14.99 min Scan# 2199

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

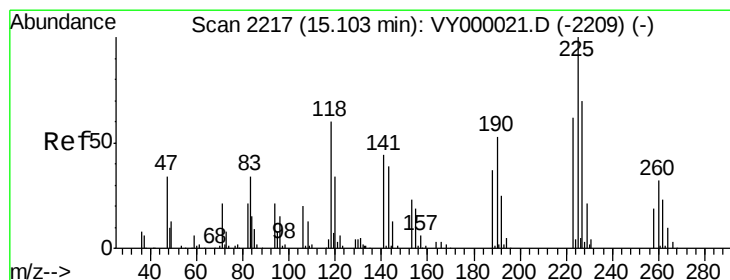
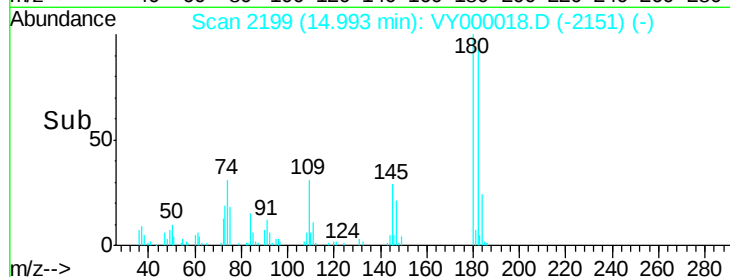
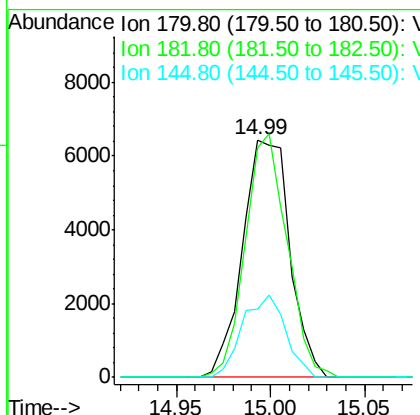
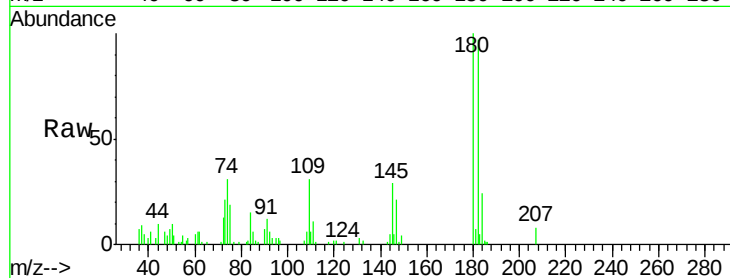
ClientSampleId :

VSTDIC005

Tot Ion:	180	Resp:	11196
Ion Ratio	Lower	Upper	
180	100		
182	90.9	47.0	141.0
145	31.5	16.7	50.1

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:53:49 PM



#94

Hexachlorobutadiene

Concen: 5.416 ug/l

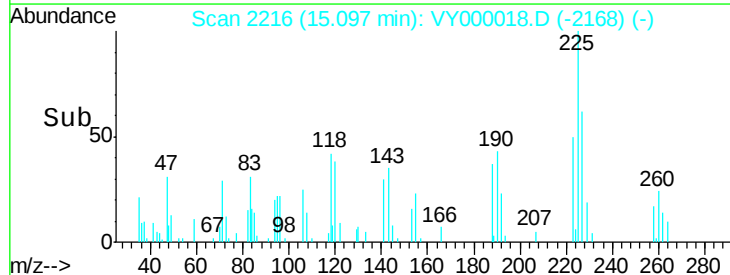
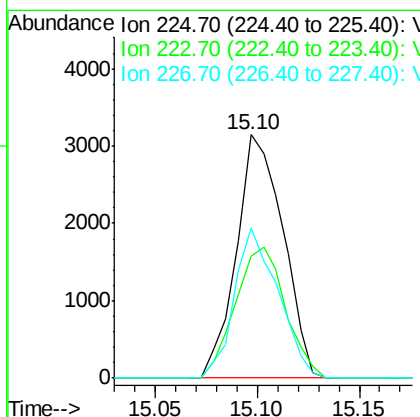
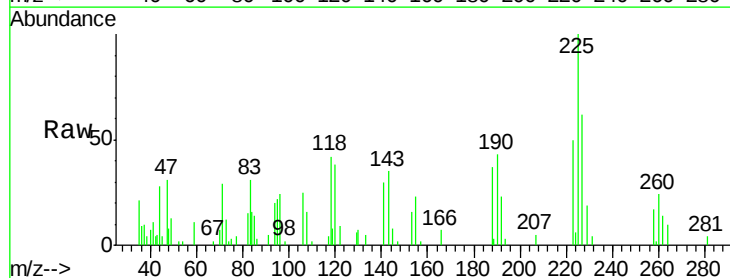
RT: 15.10 min Scan# 2216

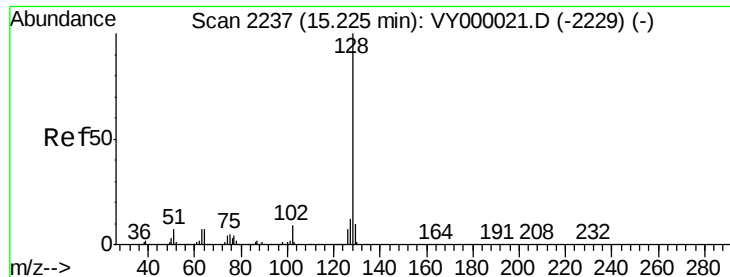
Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	225	Resp:	4991
Ion Ratio	Lower	Upper	
225	100		
223	57.7	30.9	92.7
227	57.8	31.0	93.0





#95

Naphthalene

Concen: 5.371 ug/l

RT: 15.22 min Scan# 2237

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA_Y

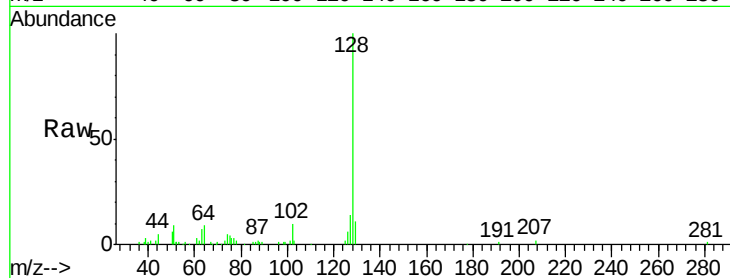
ClientSampleId :

VSTDIC005

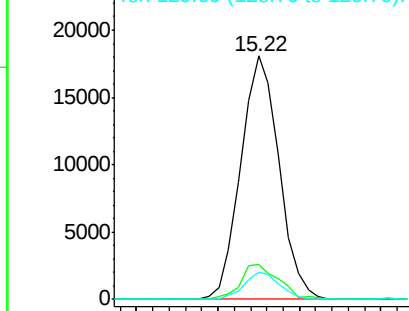
Tot Ion:	128	Resp:	29526
Ion Ratio	Lower	Upper	
128	100		
127	14.1	9.8	14.8
129	10.4	8.7	13.1

Manual Integrations
APPROVED

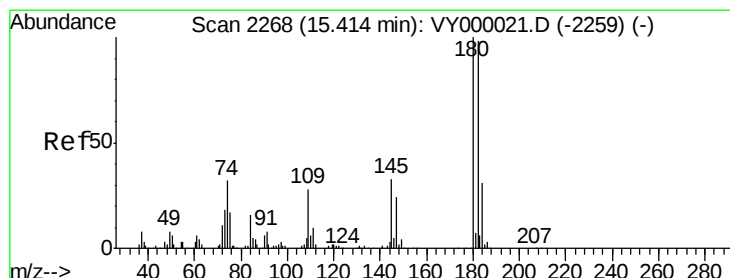
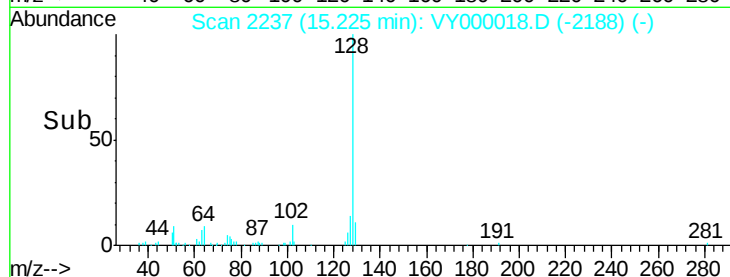
MMDadoda
9/13/2019 11:53:49 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 5.192 ug/l

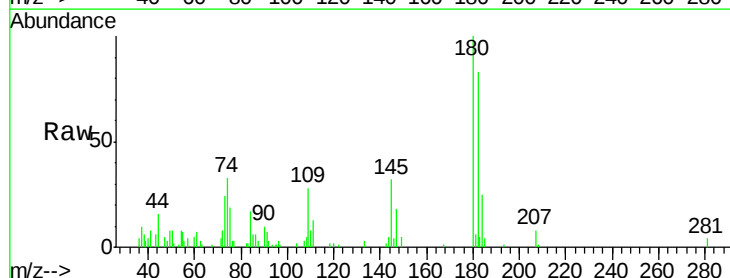
RT: 15.41 min Scan# 2268

Delta R.T. -0.00 min

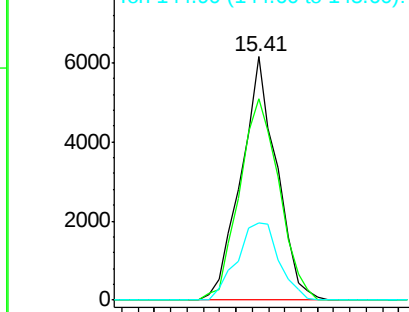
Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion:	180	Resp:	9365
Ion Ratio	Lower	Upper	
180	100		
182	92.3	46.8	140.4
145	37.6	17.3	51.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

