

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091619\
 Data File : VY000042.D
 Acq On : 16 Sep 2019 11:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 1:02:12 AM

Quant Time: Sep 17 06:05:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 16:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	128938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	241661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	91503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	72573	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.71	113	70955	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.18	98	299115	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.48	95	104094	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46329	48.724	ug/l	97
3) Chloromethane	2.11	50	68519	59.310	ug/l	98
4) Vinyl Chloride	2.25	62	70257	48.727	ug/l	98
5) Bromomethane	2.63	94	44736	50.742	ug/l	95
6) Chloroethane	2.78	64	48267	50.284	ug/l	97
7) Trichlorofluoromethane	3.12	101	95351	50.894	ug/l	92
8) Diethyl Ether	3.53	74	42390	55.056	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	68327	53.591	ug/l	99
10) Methyl Iodide	4.09	142	71419	51.226	ug/l	100
11) Tert butyl alcohol	4.96	59	46442	263.006	ug/l #	88
12) 1,1-Dichloroethene	3.87	96	61291	51.582	ug/l	83
13) Acrolein	3.73	56	30061	262.014	ug/l	95
14) Allyl chloride	4.47	41	98289	53.276	ug/l	99
15) Acrylonitrile	5.17	53	129416	264.914	ug/l	98
16) Acetone	3.95	43	98243	255.085	ug/l	92
17) Carbon Disulfide	4.18	76	114351	52.566	ug/l	100
18) Methyl Acetate	4.48	43	55913	51.596	ug/l	95
19) Methyl tert-butyl Ether	5.21	73	198155	55.059	ug/l	96
20) Methylene Chloride	4.71	84	76986	56.734	ug/l	97
21) trans-1,2-Dichloroethene	5.21	96	67135	51.026	ug/l	92
22) Diisopropyl ether	6.12	45	221591	54.408	ug/l	97
23) Vinyl Acetate	6.06	43	759300	269.497	ug/l	97
24) 1,1-Dichloroethane	6.02	63	129555	53.680	ug/l	97
25) 2-Butanone	6.99	43	166847	266.543	ug/l	96
26) 2,2-Dichloropropane	6.98	77	117126	52.240	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	88659	53.410	ug/l	99
28) Bromochloromethane	7.33	49	59205	53.415	ug/l #	99
29) Tetrahydrofuran	7.35	42	96825	260.025	ug/l	97
30) Chloroform	7.51	83	133373	53.588	ug/l	98
31) Cyclohexane	7.79	56	93865	53.110	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	109417	53.593	ug/l	99
36) 1,1-Dichloropropene	7.91	75	90393	50.945	ug/l	98
37) Ethyl Acetate	7.07	43	62615	52.333	ug/l	99
38) Carbon Tetrachloride	7.90	117	89015	53.149	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	111203	50.728	ug/l	93
40) Benzene	8.16	78	303562	52.550	ug/l	99
41) Methacrylonitrile	7.31	41	29510m	42.392	ug/l	
42) 1,2-Dichloroethane	8.24	62	80745	54.695	ug/l	99
43) Isopropyl Acetate	8.27	43	123769	53.382	ug/l	99
44) Trichloroethene	8.94	130	79078	54.825	ug/l	93
45) 1,2-Dichloropropane	9.21	63	78847	52.934	ug/l	90
46) Dibromomethane	9.30	93	43583	52.722	ug/l	99
47) Bromodichloromethane	9.50	83	105233	53.327	ug/l #	98
48) Methyl methacrylate	9.29	41	55495	54.241	ug/l	98
49) 1,4-Dioxane	9.30	88	17420	1006.220	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	346222	266.491	ug/l	100
52) Toluene	10.24	92	195668	53.905	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	116183	55.997	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	129410	53.602	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	69469	53.029	ug/l	94
56) Ethyl methacrylate	10.51	69	101129	55.006	ug/l	97
57) 1,3-Dichloropropane	10.79	76	114864	54.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	238143	236.469	ug/l	99
59) 2-Hexanone	10.84	43	255860	273.287	ug/l	99
60) Dibromochloromethane	10.98	129	75895	54.983	ug/l	99
61) 1,2-Dibromoethane	11.09	107	64122	55.418	ug/l	97
64) Tetrachloroethene	10.72	164	65748	52.981	ug/l	96
65) Chlorobenzene	11.51	112	212750	55.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	73959	55.355	ug/l	100
67) Ethyl Benzene	11.59	91	375488	53.601	ug/l	95
68) m/p-Xylenes	11.70	106	292617	110.694	ug/l	98
69) o-Xylene	12.02	106	143360	55.333	ug/l	96
70) Styrene	12.04	104	252608	56.049	ug/l	99
71) Bromoform	12.21	173	44092	54.655	ug/l #	95
73) Isopropylbenzene	12.33	105	381317	54.540	ug/l	100
74) N-amyl acetate	12.14	43	114782	55.617	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	88348	52.852	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	56117m	44.154	ug/l	
77) Bromobenzene	12.60	156	82253	55.615	ug/l	98
78) n-propylbenzene	12.67	91	462579	54.140	ug/l	100
79) 2-Chlorotoluene	12.75	91	255119	53.397	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	315928	54.119	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	34545	53.914	ug/l	99
82) 4-Chlorotoluene	12.85	91	267914	53.429	ug/l	97
83) tert-Butylbenzene	13.07	119	273102	54.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	312160	54.133	ug/l	99
85) sec-Butylbenzene	13.25	105	402246	54.339	ug/l	99
86) p-Isopropyltoluene	13.37	119	348004	55.418	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	161650	54.308	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	164425	54.893	ug/l	99
89) n-Butylbenzene	13.69	91	352866	55.452	ug/l	99
90) Hexachloroethane	13.96	117	69069	55.040	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	150286	54.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16627	58.023	ug/l	98

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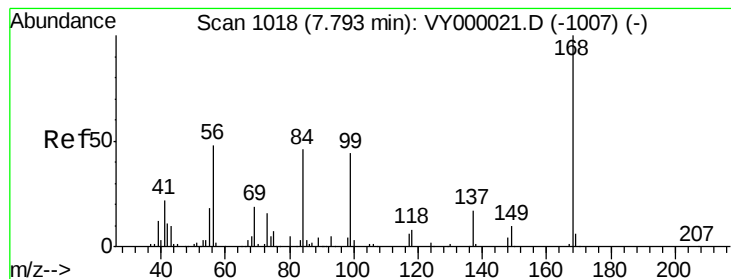
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	95571	54.069	ug/l	100
94) Hexachlorobutadiene	15.11	225	44465	54.847	ug/l	98
95) Naphthalene	15.23	128	260009	53.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88250	55.617	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 128938

Ion Ratio Lower Upper

168 100

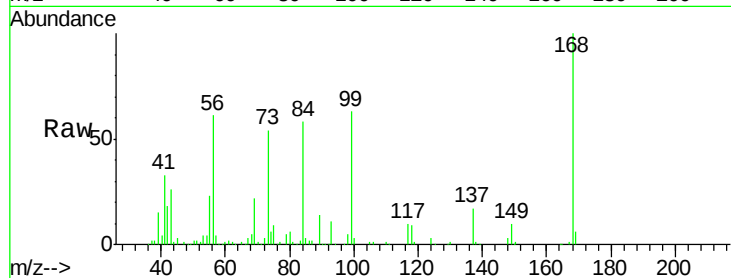
99 62.7 46.3 69.5

Manual Integrations

APPROVED

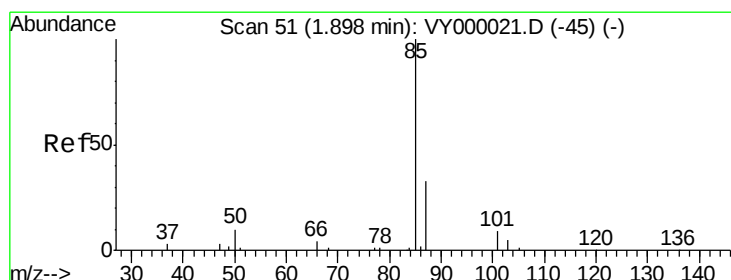
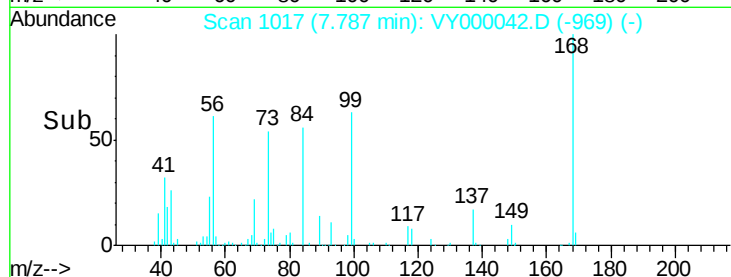
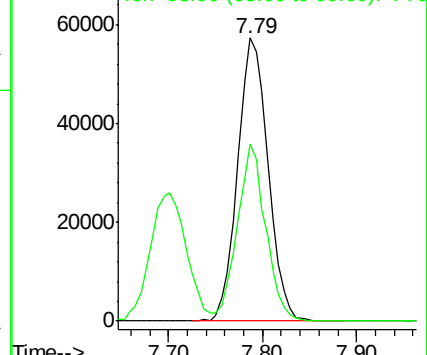
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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 48.724 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000042.D

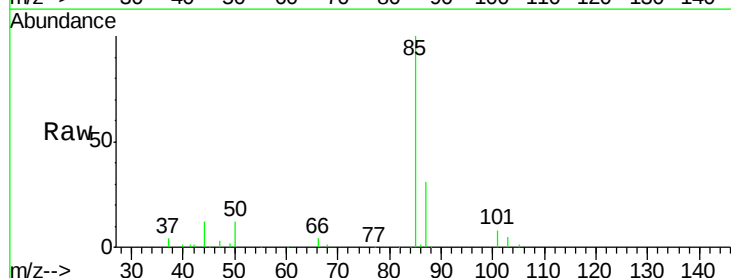
Acq: 16 Sep 2019 11:54

Tgt Ion: 85 Resp: 46329

Ion Ratio Lower Upper

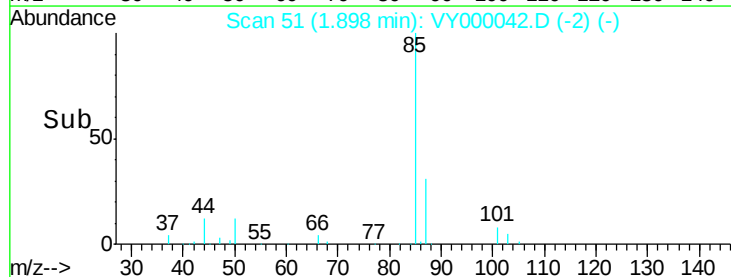
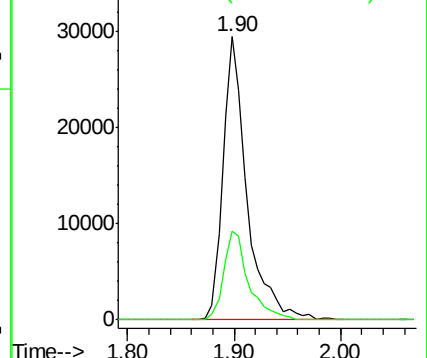
85 100

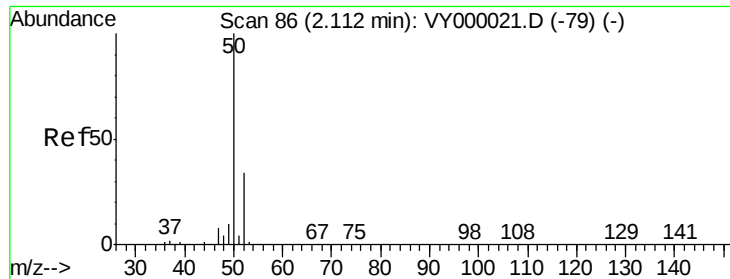
87 31.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 59.310 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 68519

Ion Ratio Lower Upper

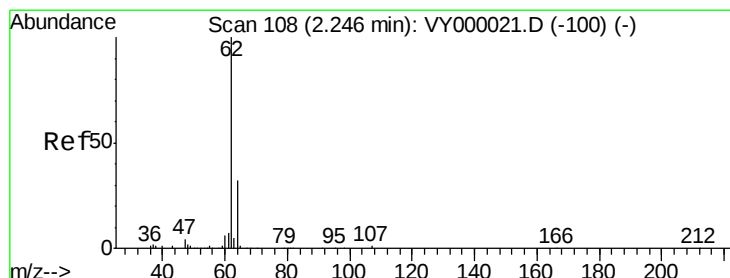
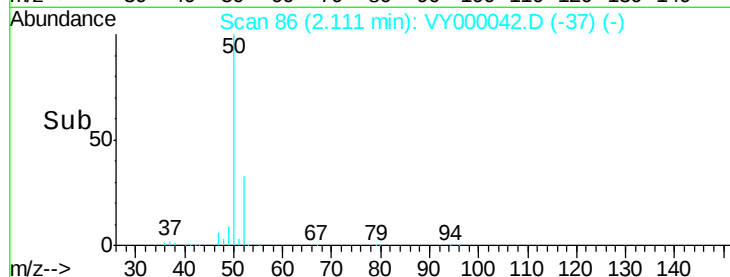
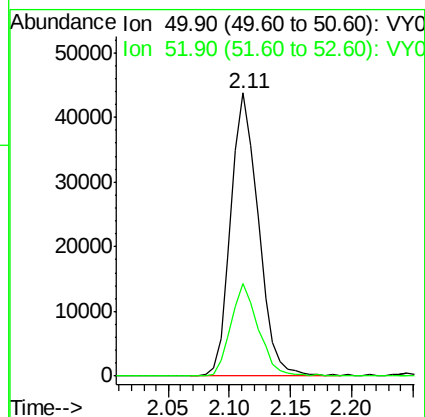
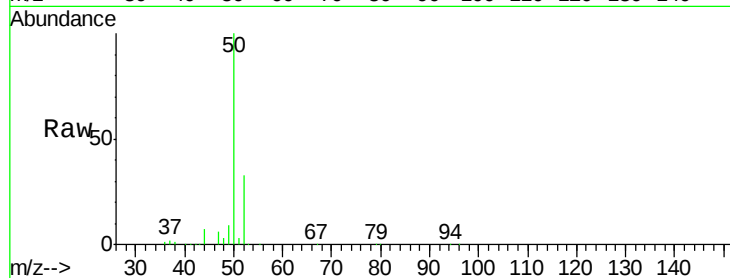
50 100

52 32.8 27.0 40.6

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#4

Vinyl Chloride

Concen: 48.727 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000042.D

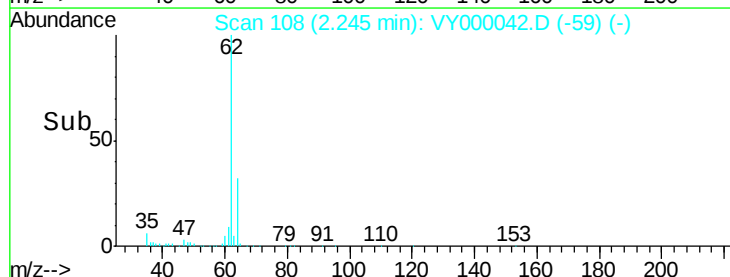
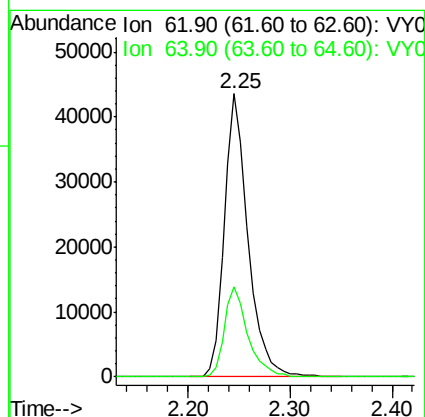
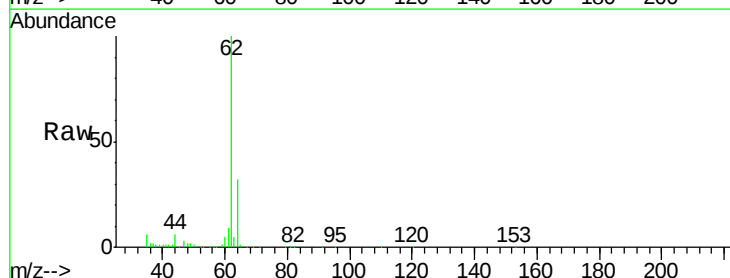
Acq: 16 Sep 2019 11:54

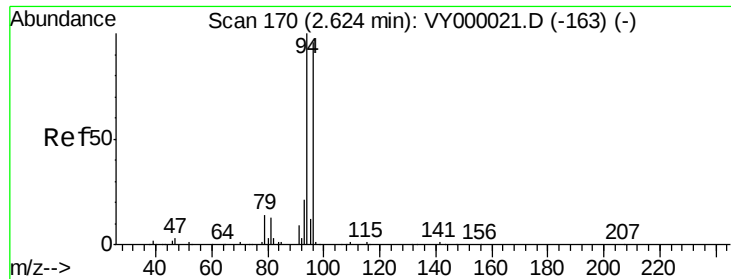
Tgt Ion: 62 Resp: 70257

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 50.742 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 44736

Ion Ratio Lower Upper

94 100

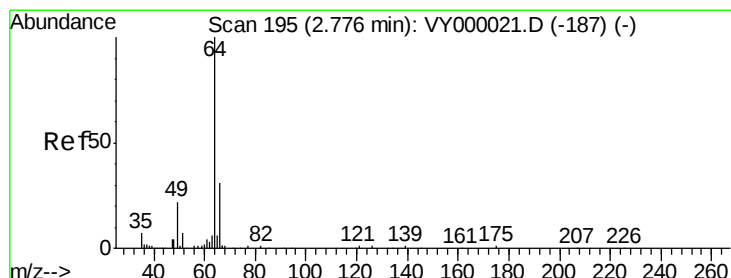
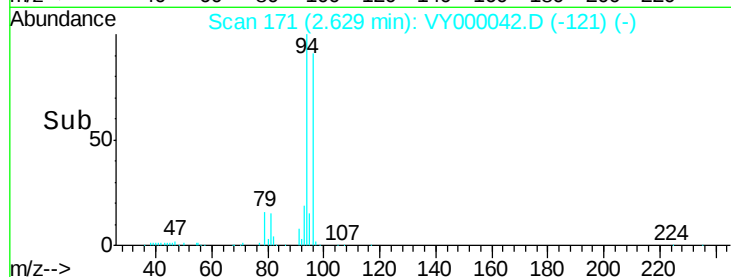
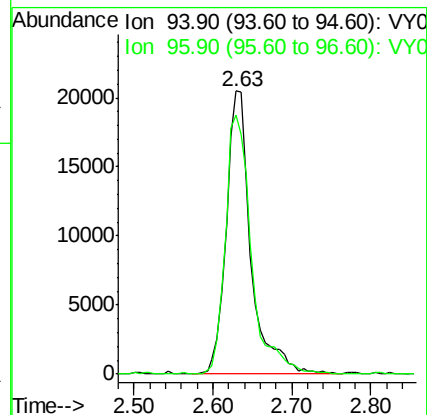
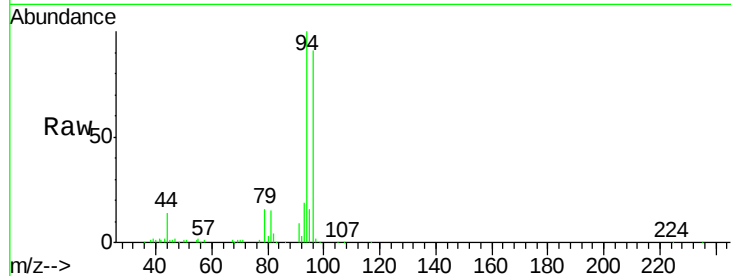
96 91.4 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 50.284 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VY000042.D

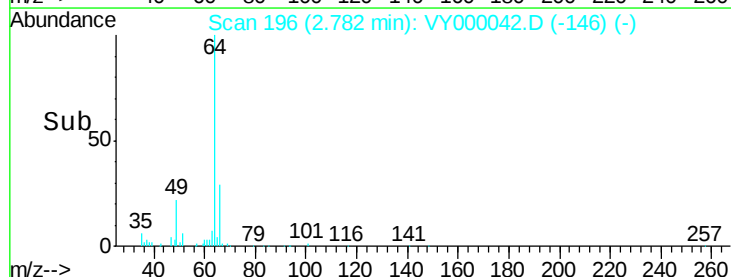
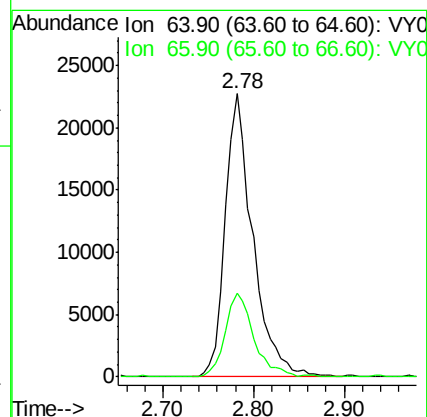
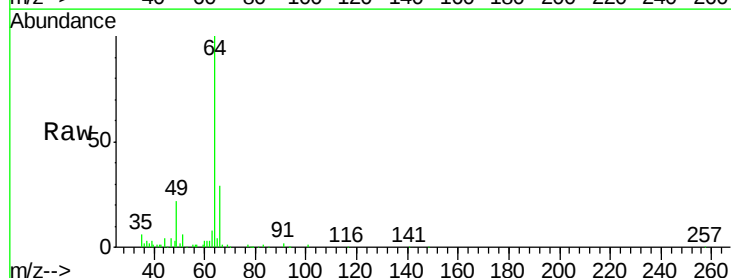
Acq: 16 Sep 2019 11:54

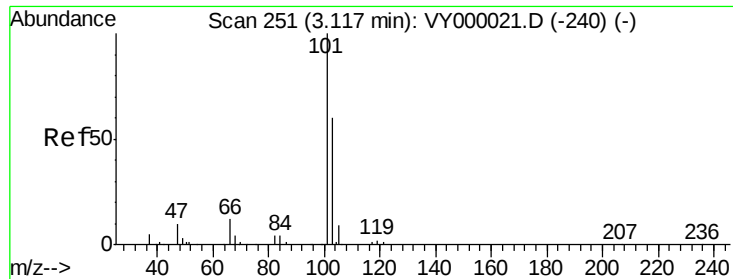
Tgt Ion: 64 Resp: 48267

Ion Ratio Lower Upper

64 100

66 29.4 25.0 37.6





#7

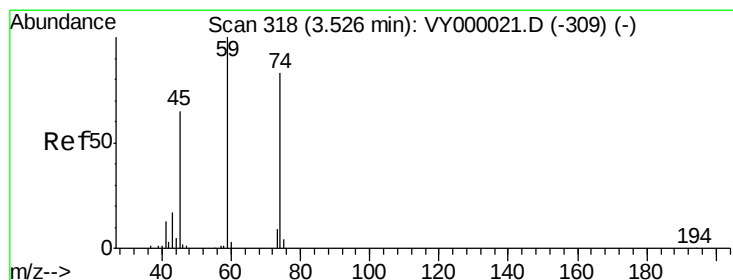
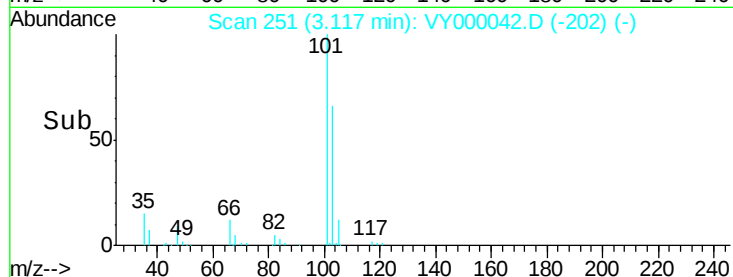
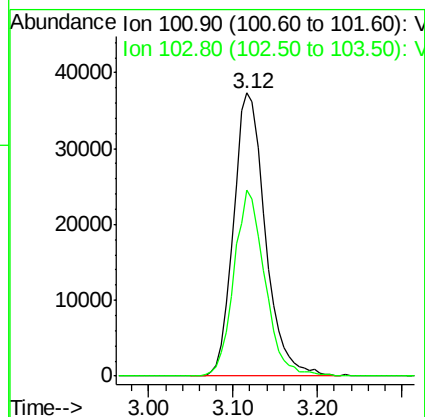
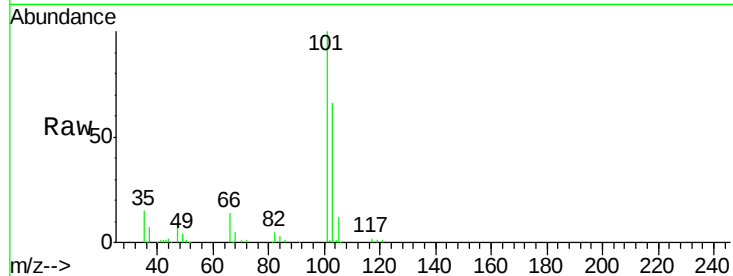
Trichlorofluoromethane
Concen: 50.894 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	48.1	72.1

Manual Integrations
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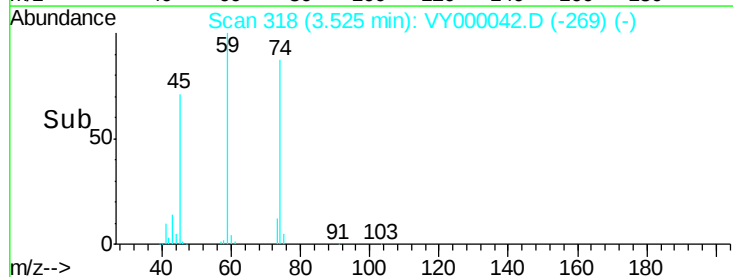
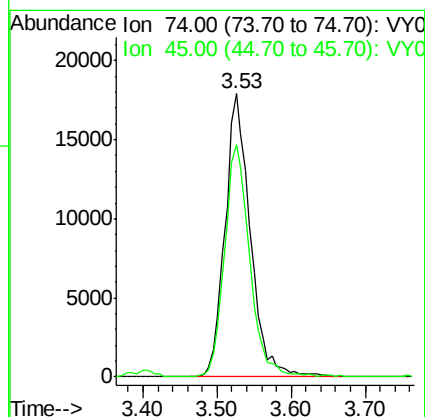
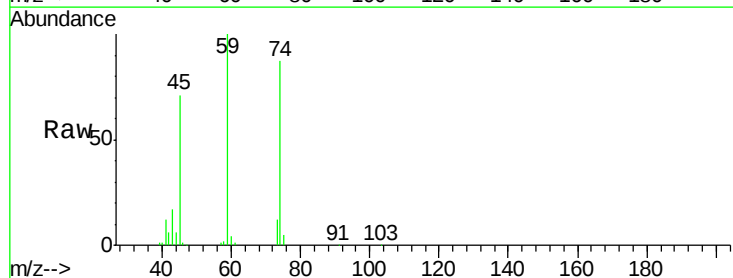
MMDadoda
9/20/2019 1:02:12 AM

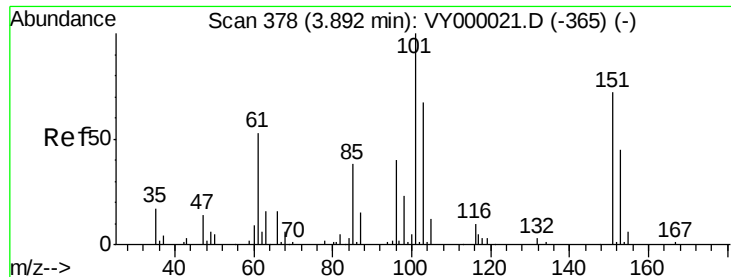


#8

Diethyl Ether
Concen: 55.056 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.6	41.9	125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.591 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

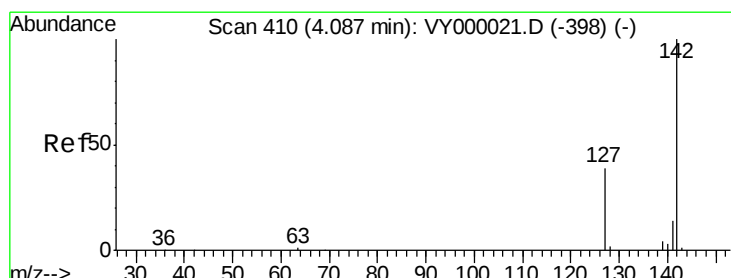
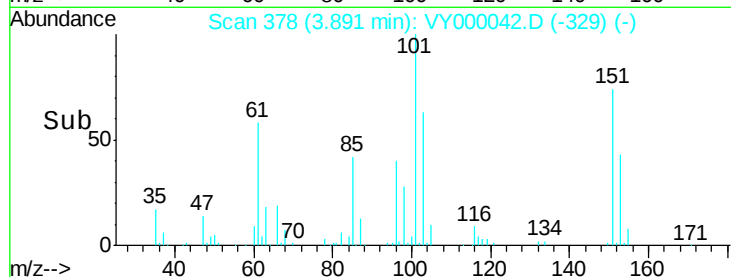
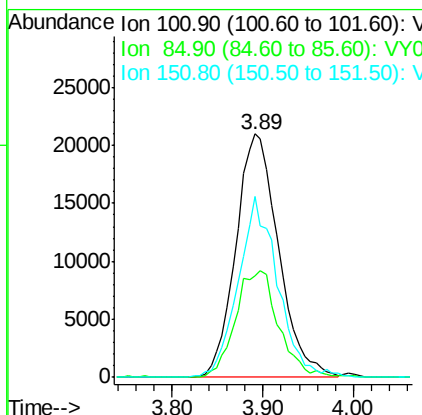
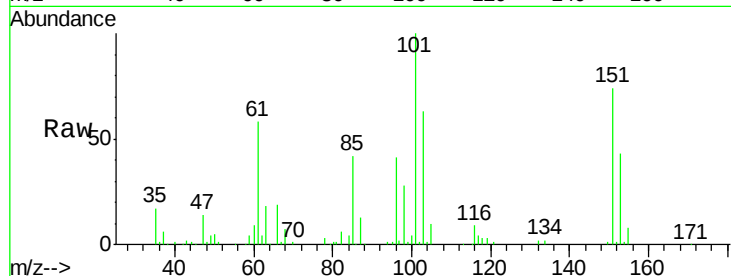
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	68327
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.3	52.9
151	68.2	55.9	83.9

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#10

Methyl Iodide

Concen: 51.226 ug/l

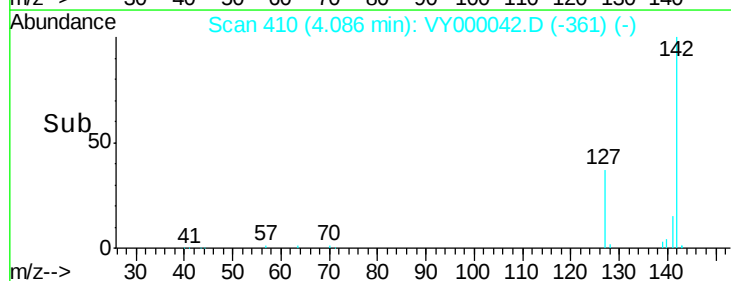
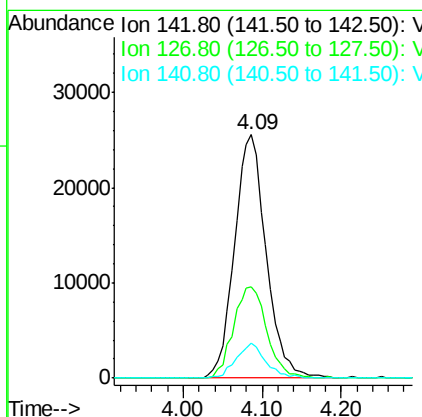
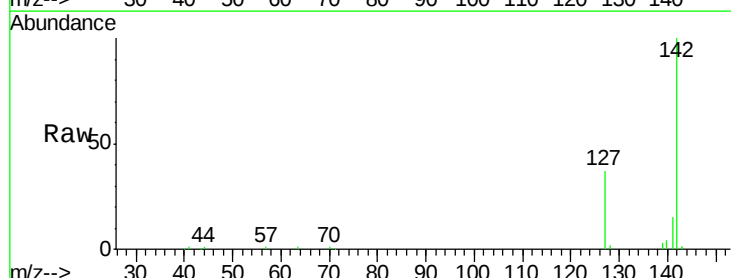
RT: 4.09 min Scan# 410

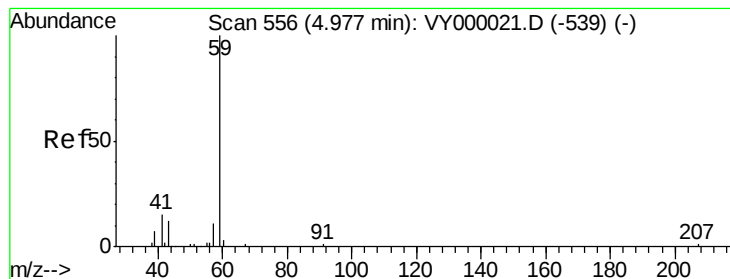
Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	142	Resp:	71419
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.4	47.2
141	13.5	10.6	16.0





#11

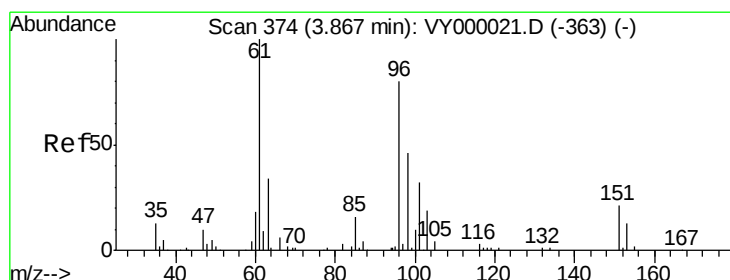
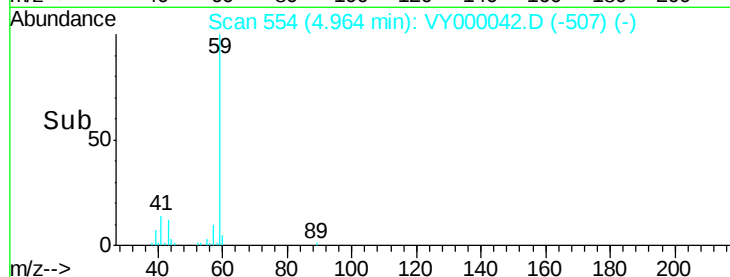
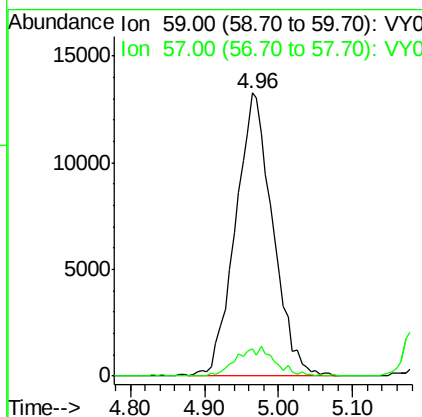
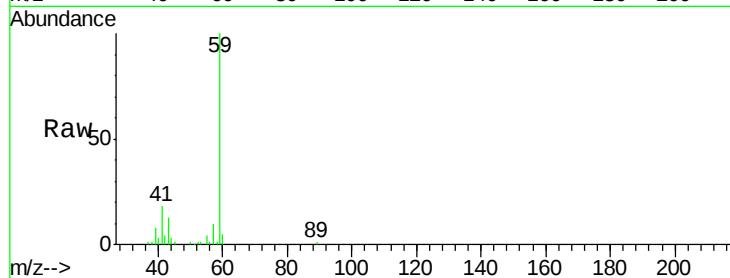
Tert butyl alcohol
 Concen: 263.006 ug/l
 RT: 4.96 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.9	8.3	12.5#

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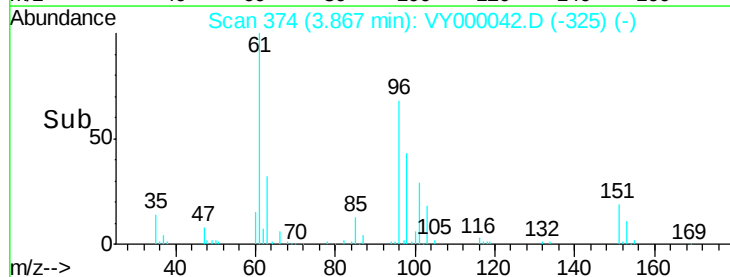
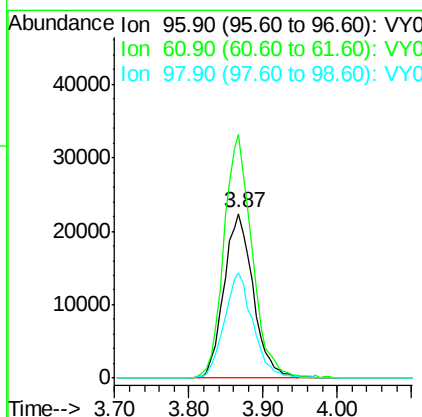
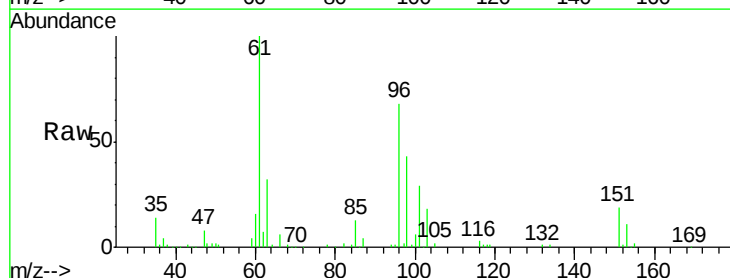
MMDadoda
 9/20/2019 1:02:12 AM

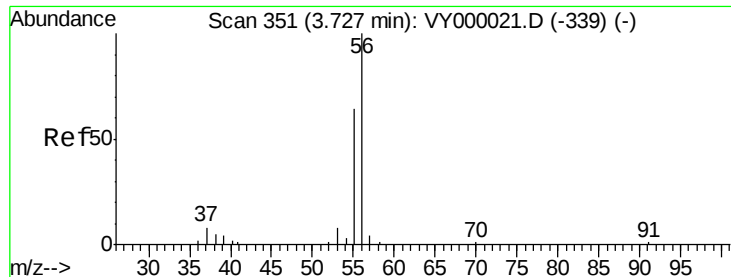


#12

1,1-Dichloroethene
 Concen: 51.582 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	99.8	149.6
98	63.9	46.3	69.5





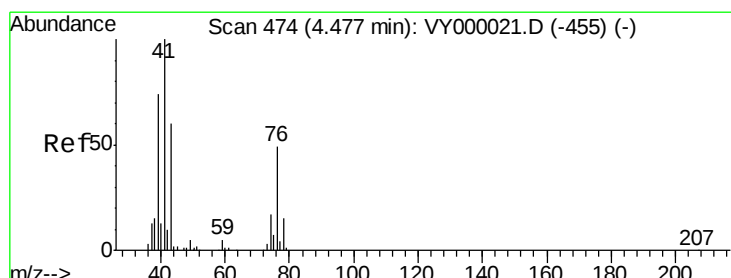
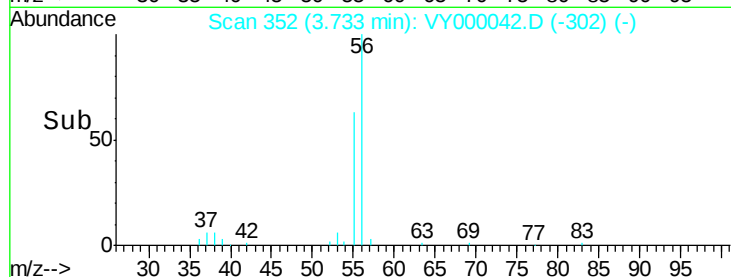
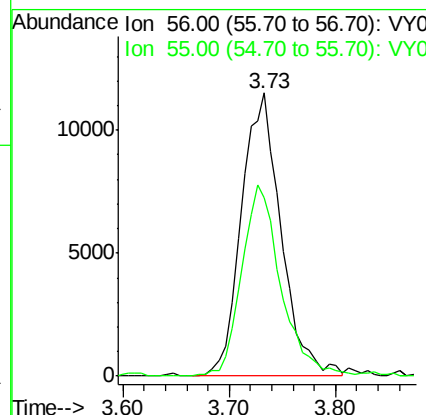
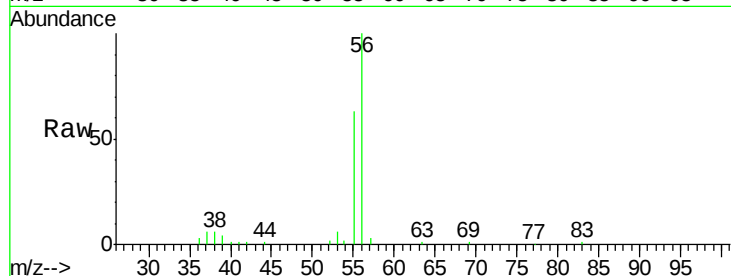
#13
Acrolein
Concen: 262.014 ug/l
RT: 3.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Resp	Lower	Upper
30061	100	66.7		56.7	85.1

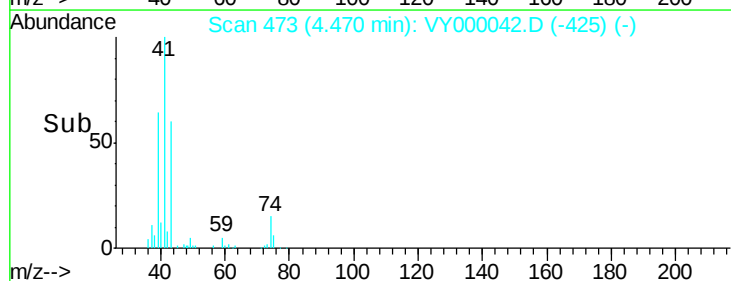
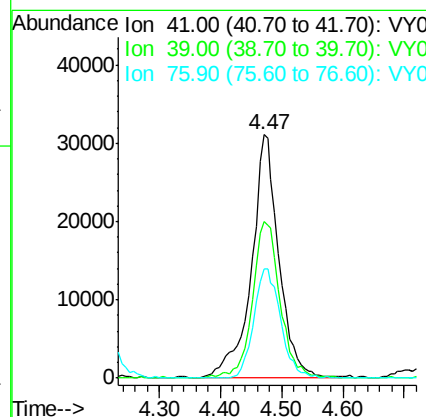
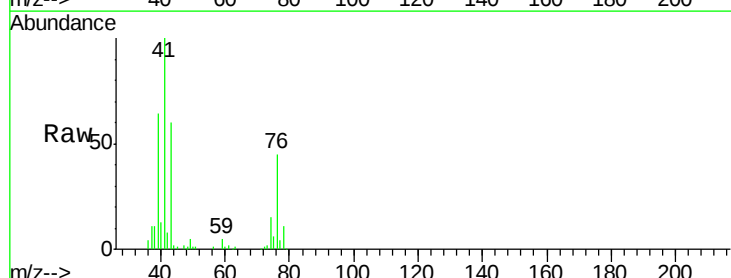
Manual Integrations
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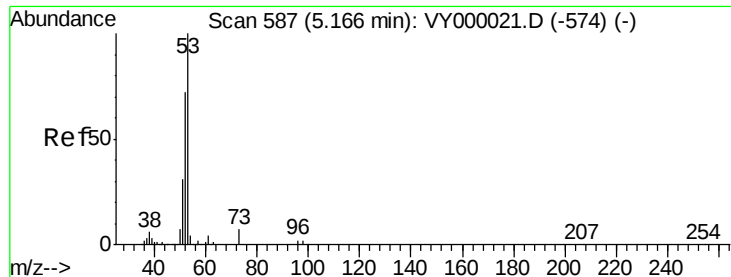
MMDadoda
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#14
Allyl chloride
Concen: 53.276 ug/l
RT: 4.47 min Scan# 473
Delta R.T. -0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	41	39	76	Resp	Lower	Upper
98289	100	64.5	43.6		53.1	79.7
					34.9	52.3





#15

Acrylonitrile

Concen: 264.914 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

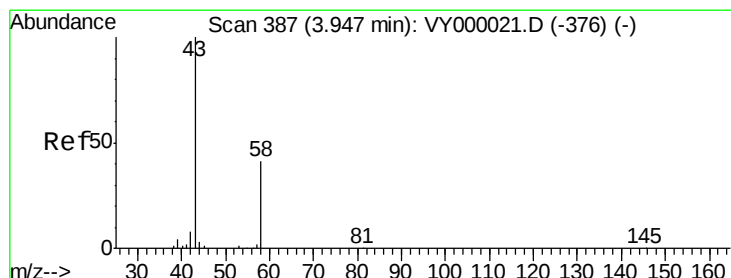
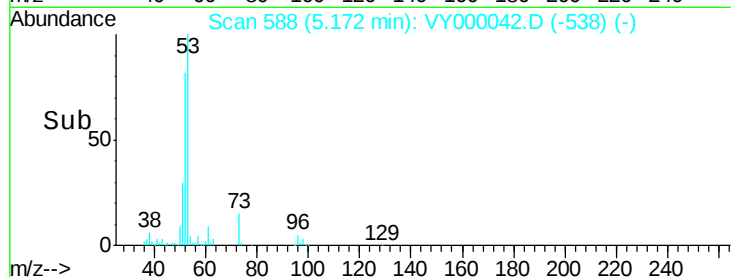
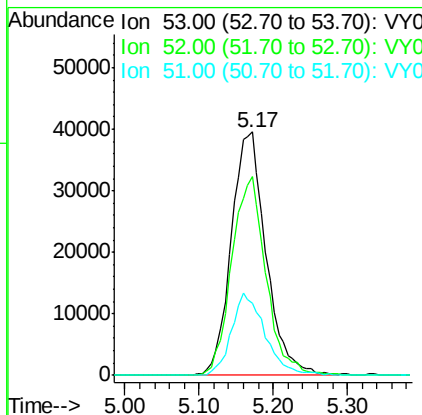
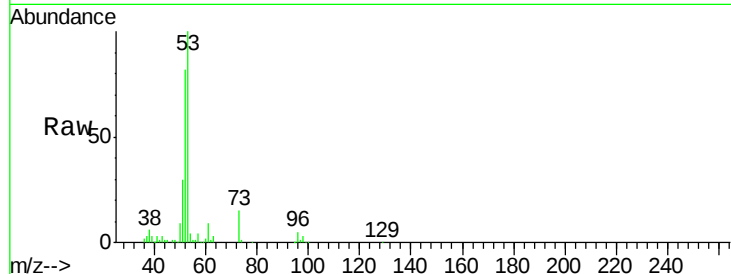
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	129416
Ion Ratio	Lower	Upper	
53	100		
52	80.7	62.8	94.2
51	33.0	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 255.085 ug/l

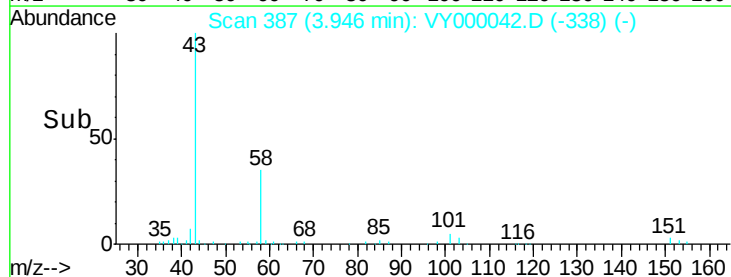
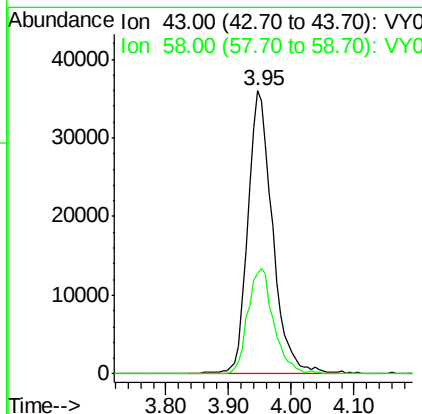
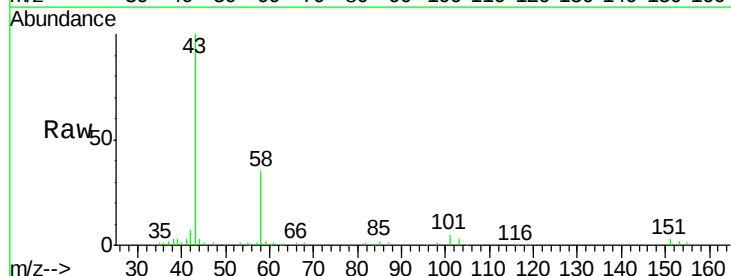
RT: 3.95 min Scan# 387

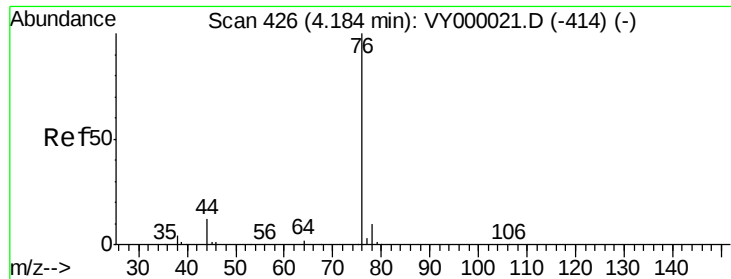
Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	43	Resp:	98243
Ion Ratio	Lower	Upper	
43	100		
58	35.4	32.5	48.7





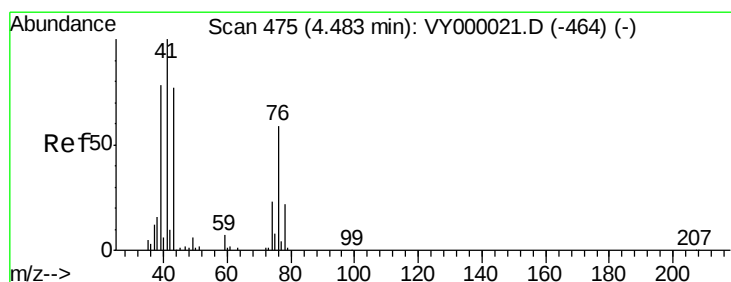
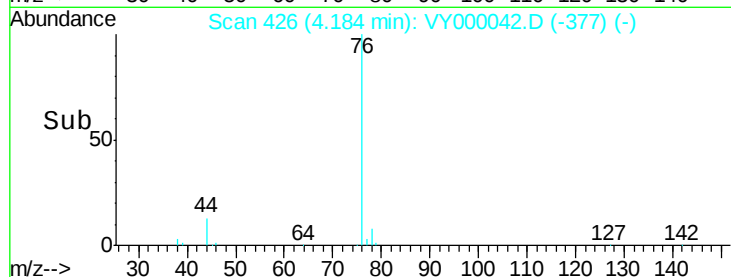
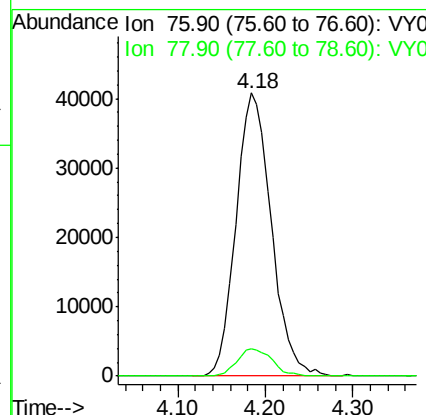
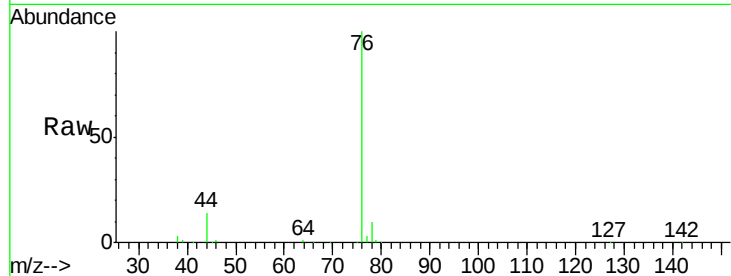
#17
Carbon Disulfide
Concen: 52.566 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.6	11.4

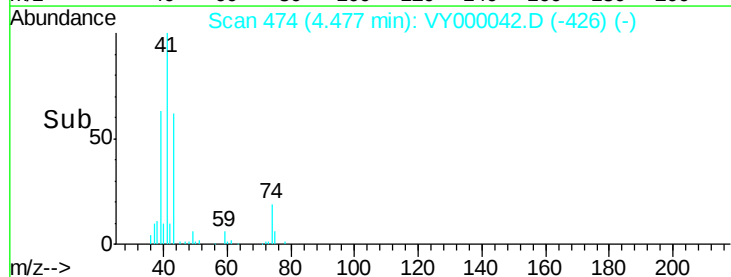
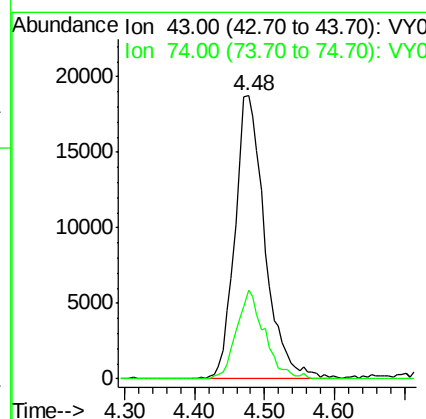
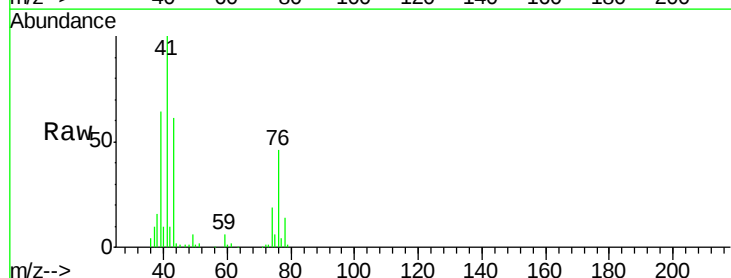
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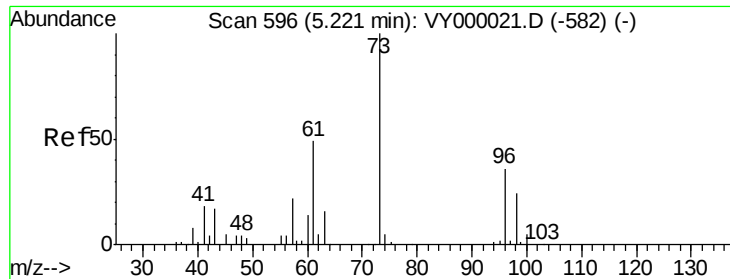
MMDadoda
9/20/2019 1:02:12 AM



#18
Methyl Acetate
Concen: 51.596 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	21.4	32.0





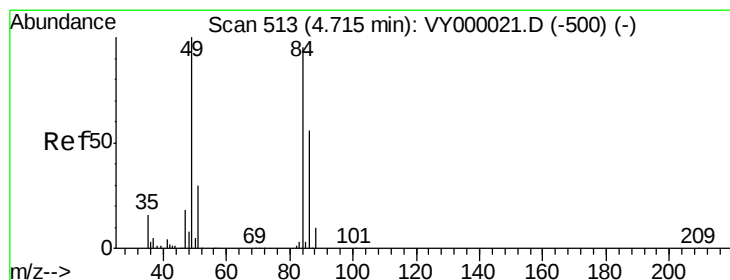
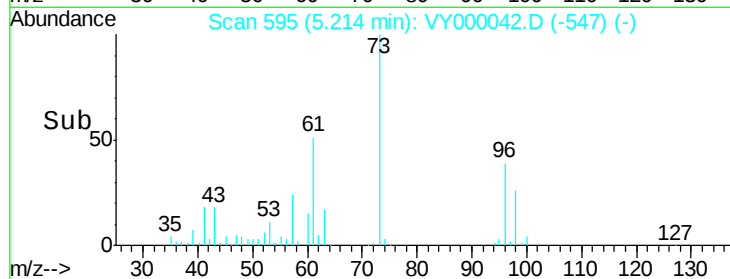
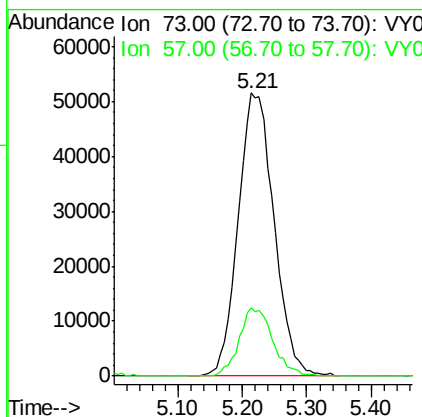
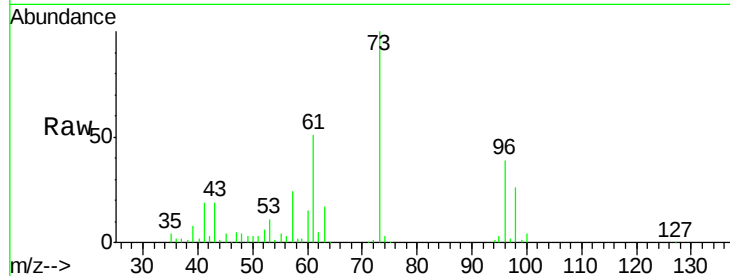
#19
Methvl tert-butvl Ether
Concen: 55.059 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	73	Resp	198155
Ion Ratio	Lower	Upper	
73	100		
57	24.1	17.8	26.8

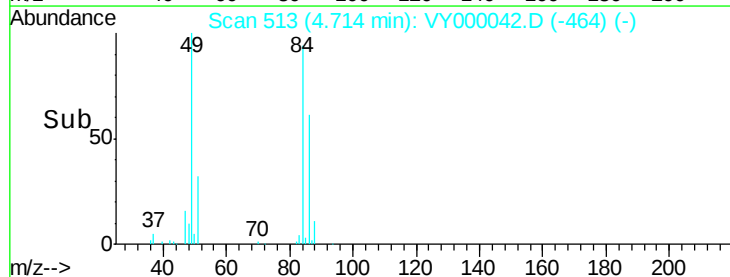
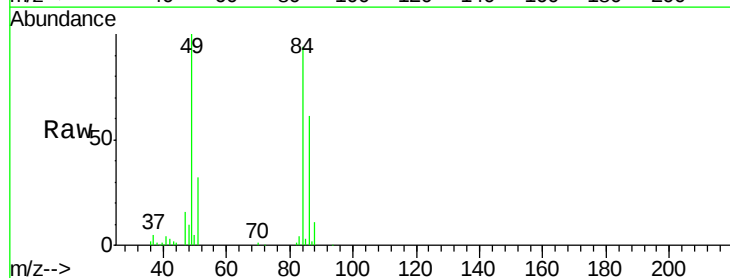
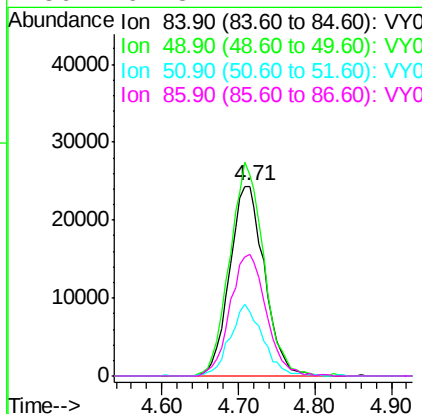
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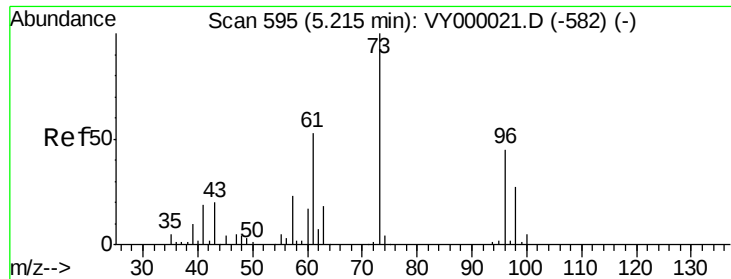
MMDadoda
9/20/2019 1:02:12 AM



#20
Methylene Chloride
Concen: 56.734 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	84	Resp	76986
Ion Ratio	Lower	Upper	
84	100		
49	106.2	84.4	126.6
51	34.1	25.4	38.0
86	64.3	47.4	71.2





#21

trans-1,2-Dichloroethene

Concen: 51.026 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

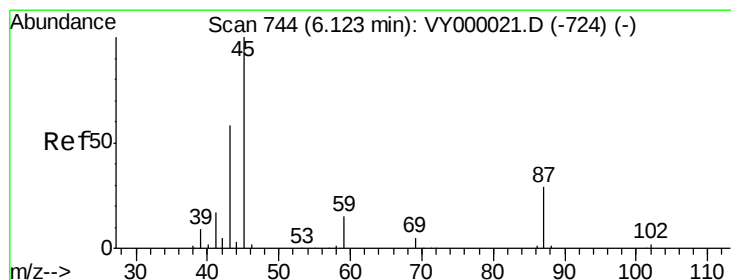
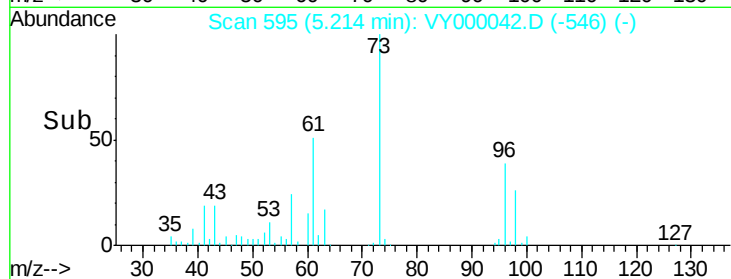
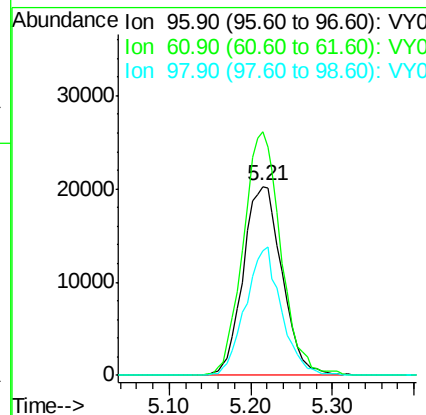
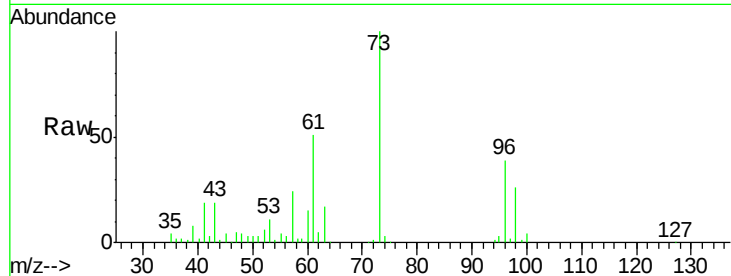
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	67135
Ion	Ratio	Lower	Upper
96	100		
61	128.7	95.3	142.9
98	66.0	48.7	73.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.408 ug/l

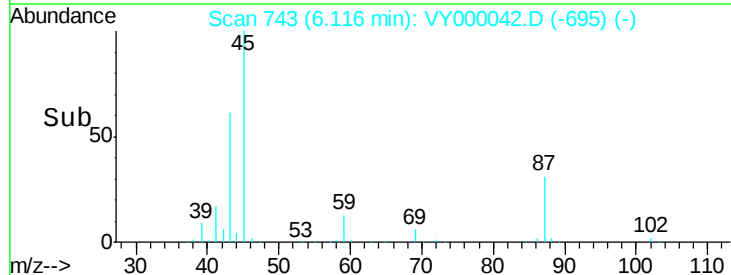
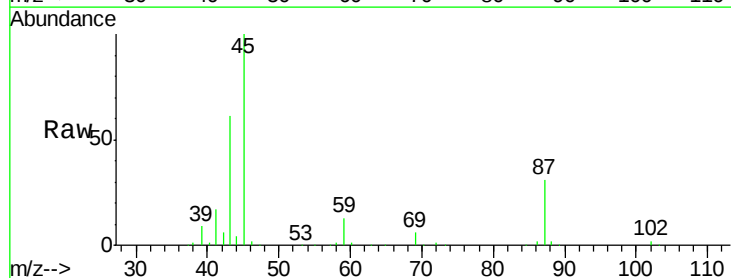
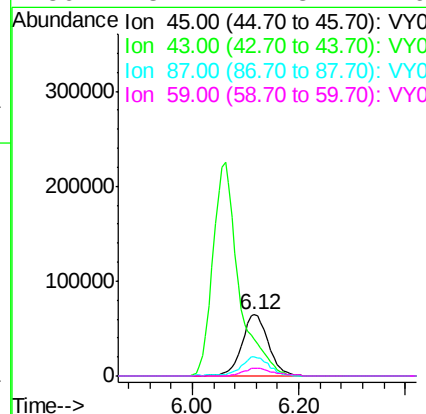
RT: 6.12 min Scan# 743

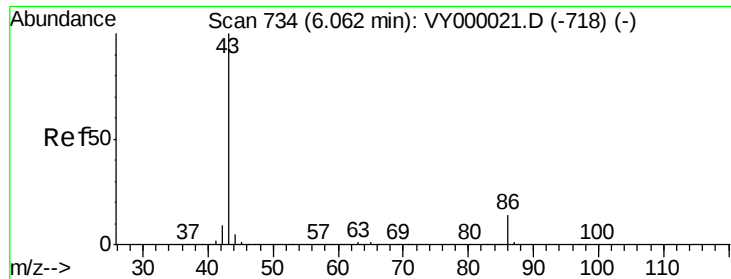
Delta R.T. -0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	45	Resp:	221591
Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.0	70.4
87	31.4	23.1	34.7
59	13.2	11.8	17.6





#23

Vinyl Acetate

Concen: 269.497 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 759300

Ion Ratio Lower Upper

43 100

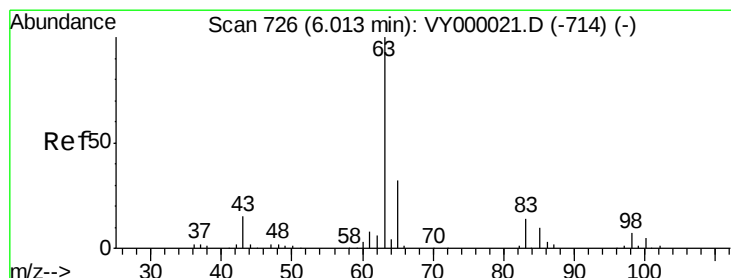
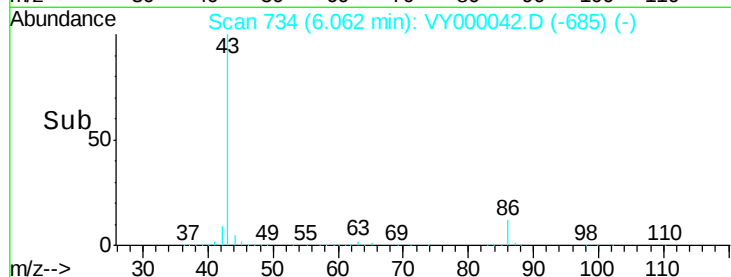
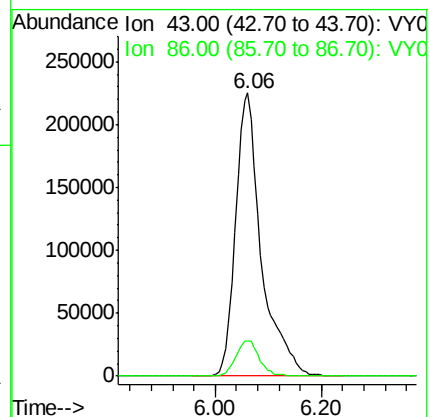
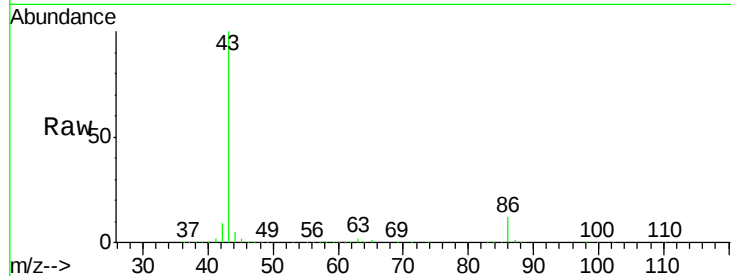
86 12.4 11.0 16.4

Manual Integrations

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9/20/2019 1:02:12 AM



#24

1,1-Dichloroethane

Concen: 53.680 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

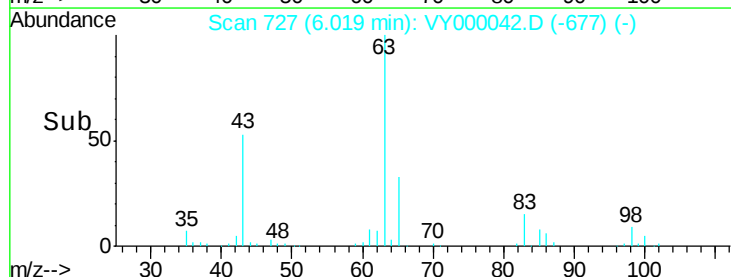
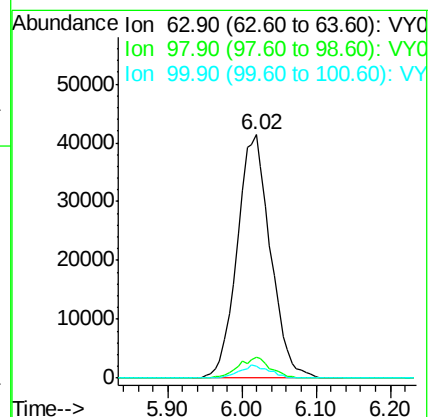
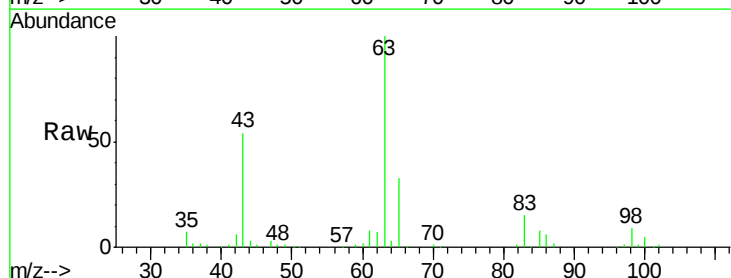
Tgt Ion: 63 Resp: 129555

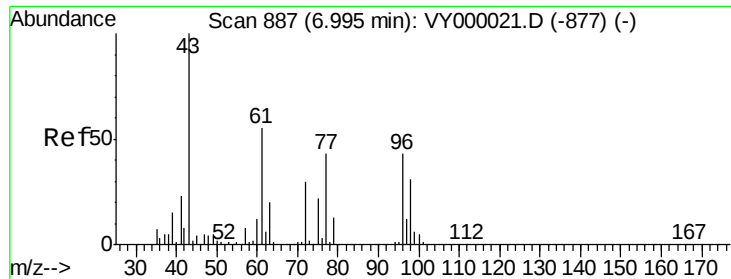
Ion Ratio Lower Upper

63 100

98 8.8 3.8 11.2

100 5.0 2.6 8.0





#25

2-Butanone

Concen: 266.543 ug/l

RT: 6.99 min Scan# 887

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 166847

Ion Ratio Lower Upper

43 100

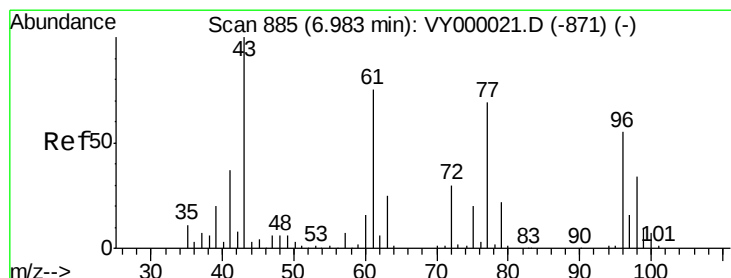
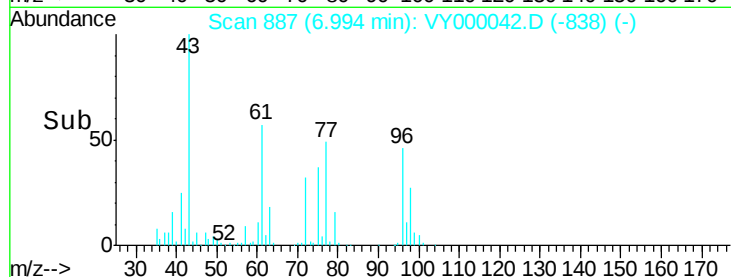
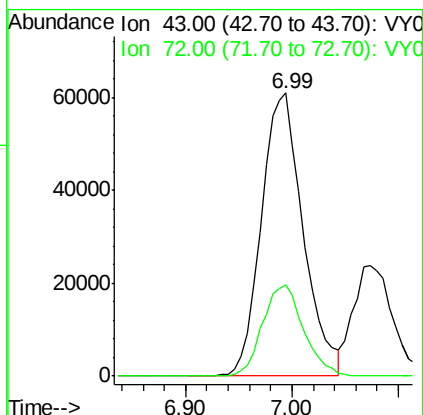
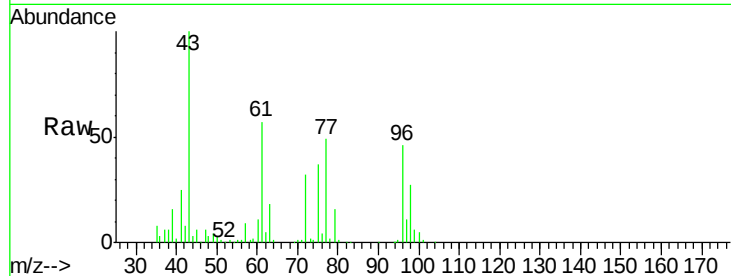
72 32.1 24.1 36.1

Manual Integrations

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MMDadoda

9/20/2019 1:02:12 AM



#26

2,2-Dichloropropane

Concen: 52.240 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000042.D

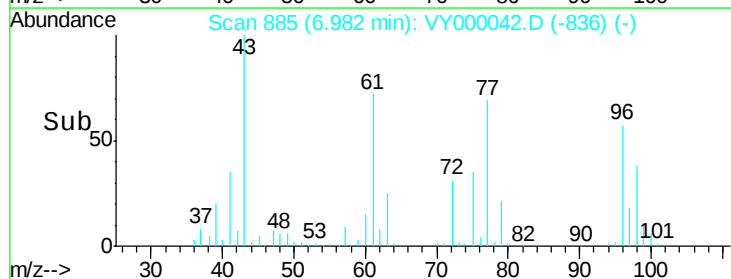
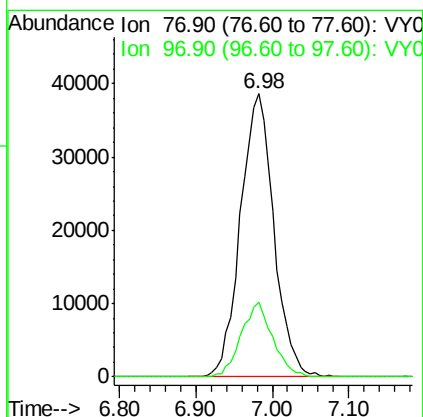
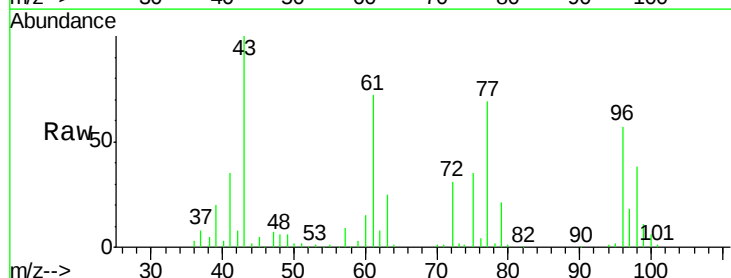
Acq: 16 Sep 2019 11:54

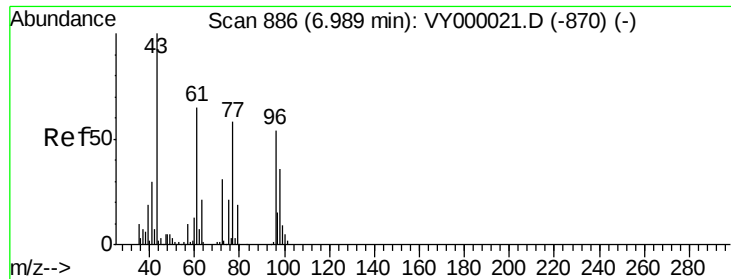
Tgt Ion: 77 Resp: 117126

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1





#27

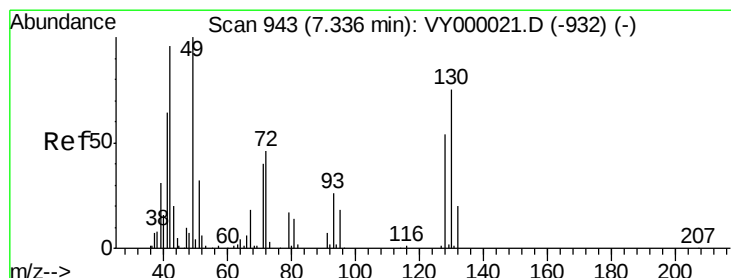
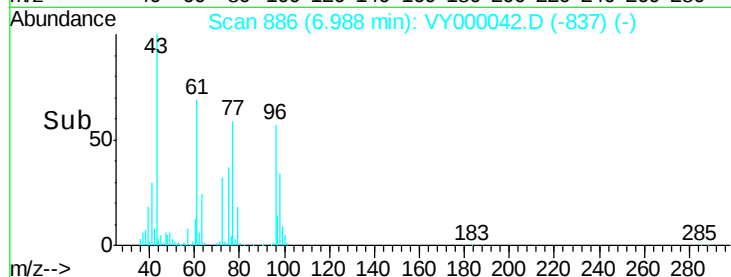
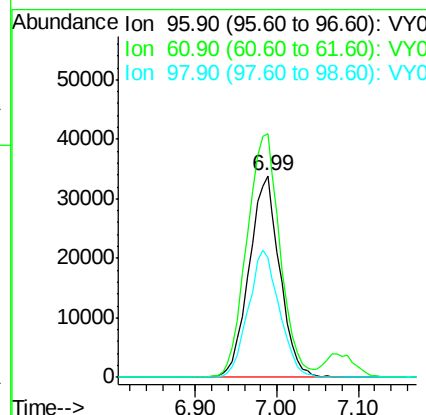
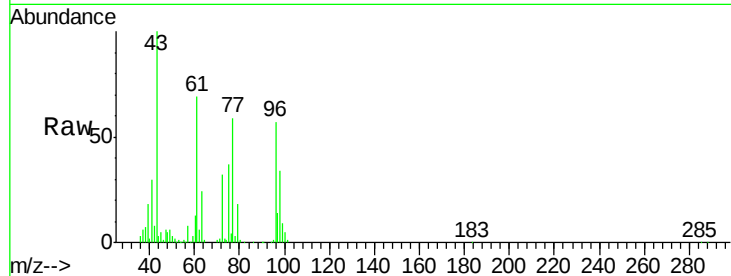
cis-1,2-Dichloroethene
 Concen: 53.410 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	259.2
98	64.0	0.0	127.4

Manual Integrations
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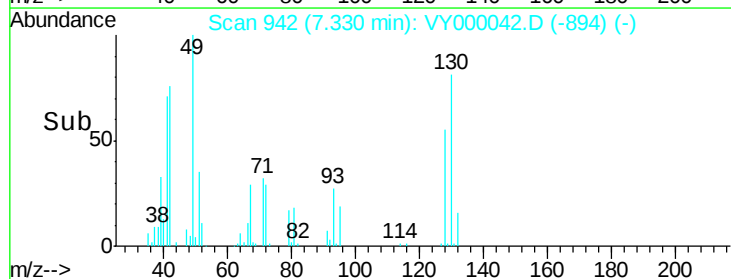
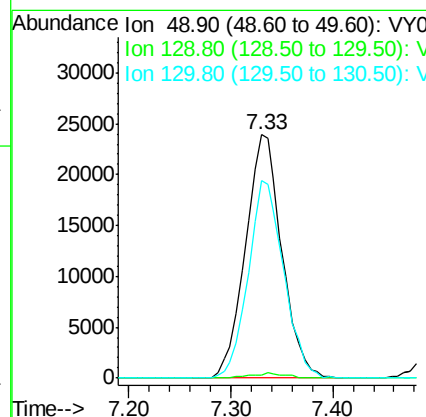
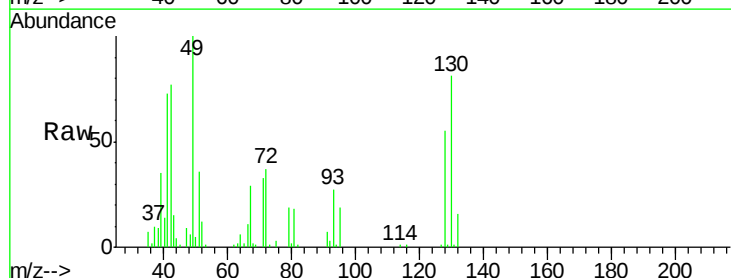
MMDadoda
 9/20/2019 1:02:12 AM

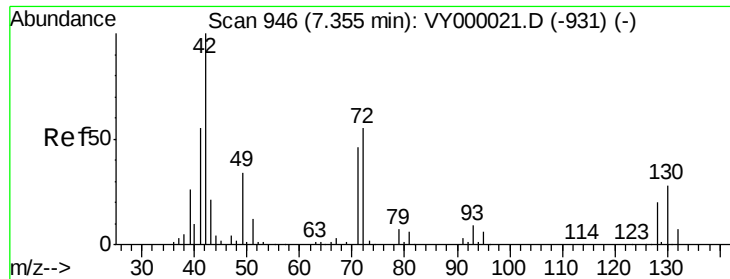


#28

Bromochloromethane
 Concen: 53.415 ug/l
 RT: 7.33 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.8#
130	79.0	62.5	93.7





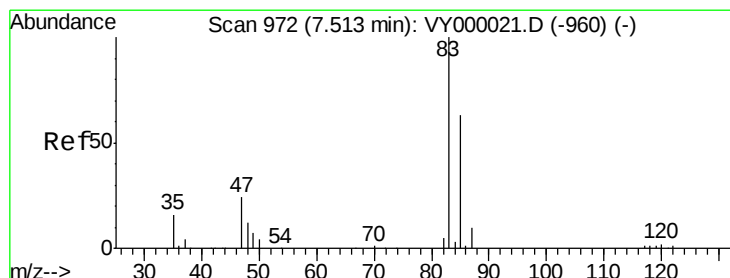
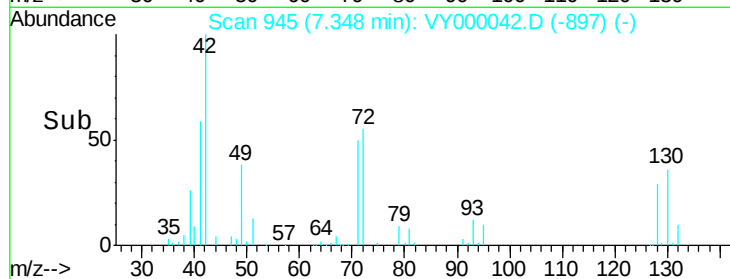
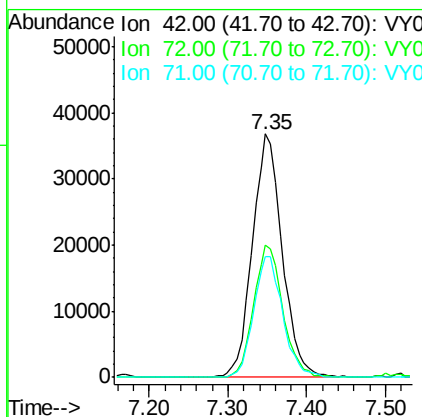
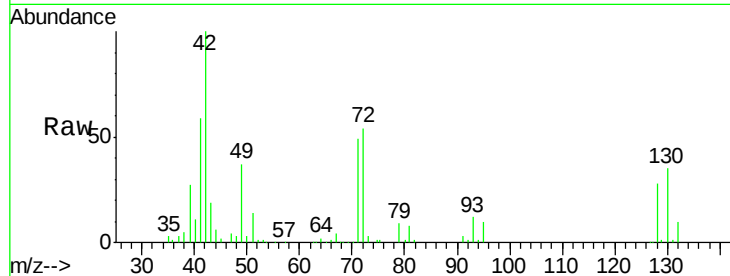
#29
Tetrahydrofuran
Concen: 260.025 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	41.1	61.7
71	48.2	36.5	54.7

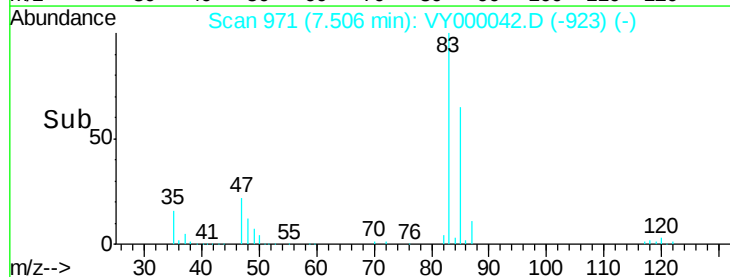
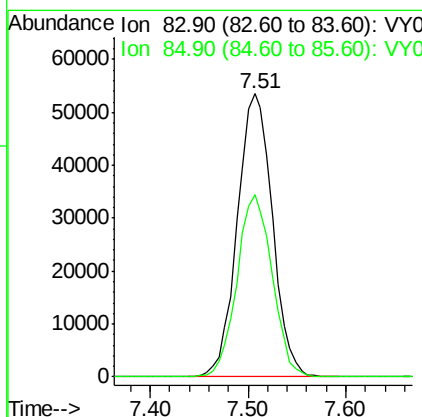
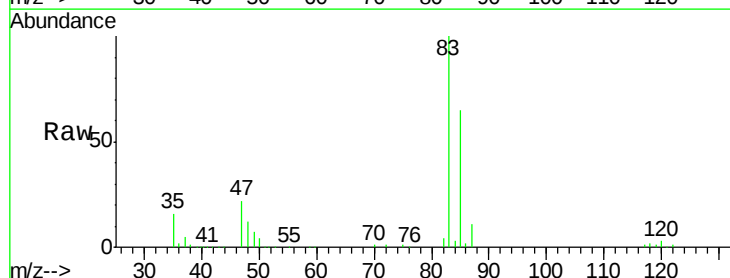
Manual Integrations
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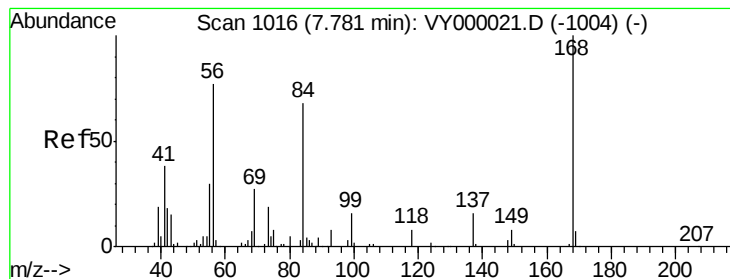
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#30
Chloroform
Concen: 53.588 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	76.0





#31

Cyclohexane

Concen: 53.110 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

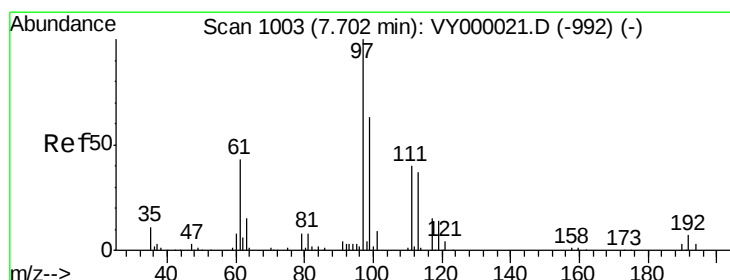
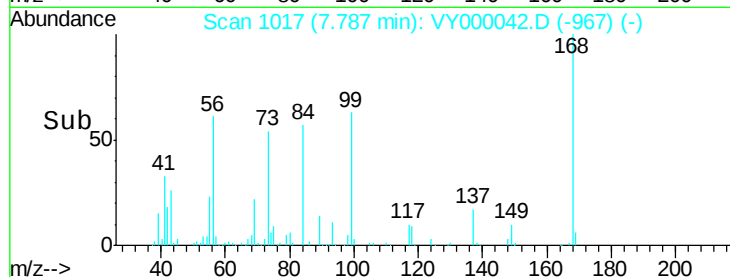
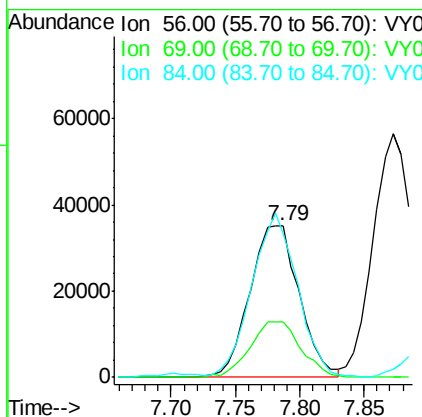
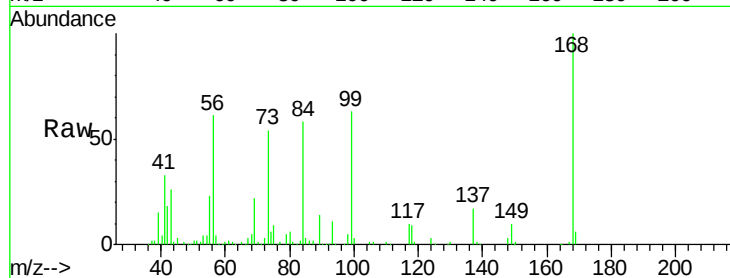
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	93865
Ion Ratio	Lower	Upper	
56	100		
69	36.2	28.0	42.0
84	92.9	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.593 ug/l

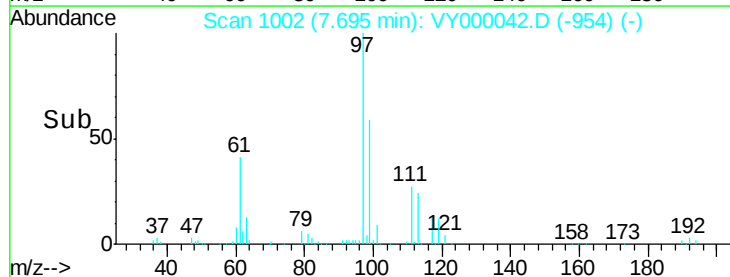
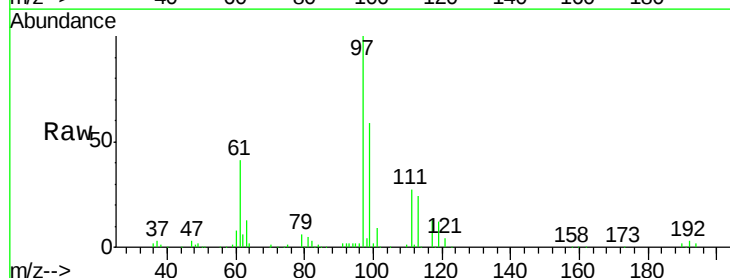
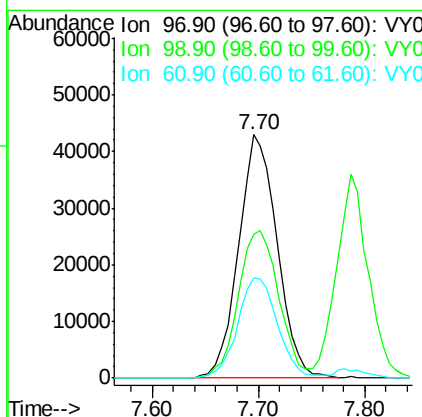
RT: 7.70 min Scan# 1002

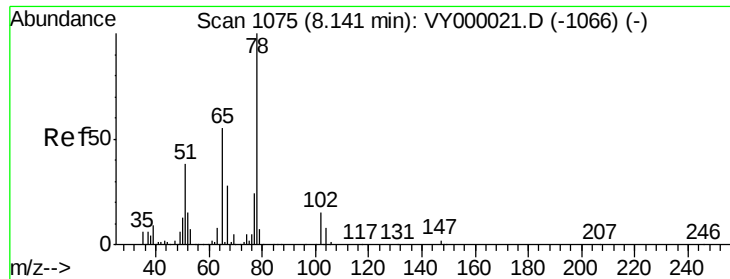
Delta R.T. -0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	97	Resp:	109417
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.6
61	42.7	35.7	53.5





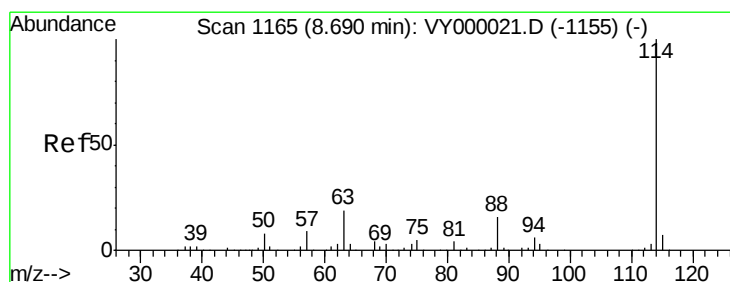
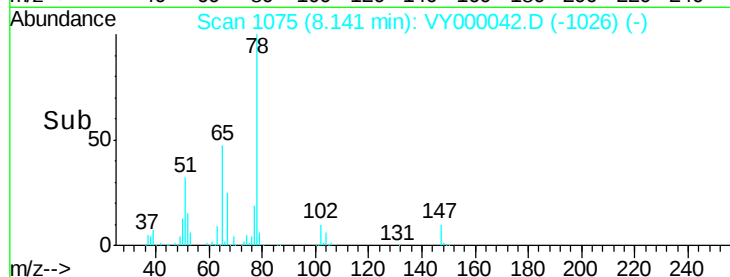
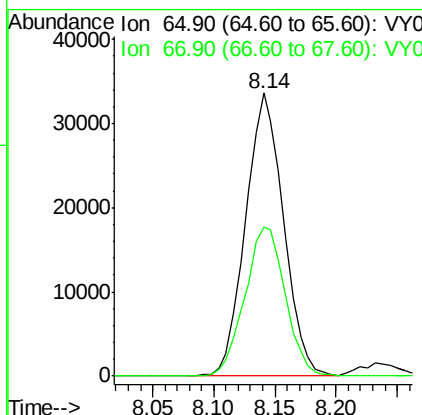
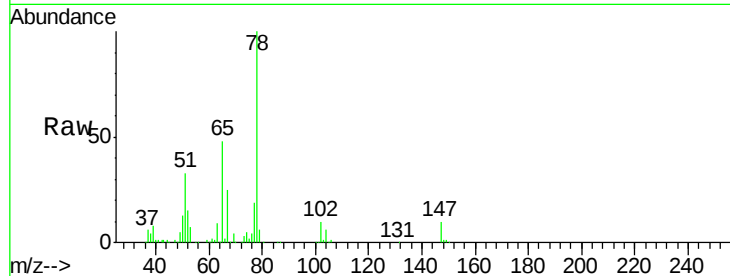
#33
 1,2-Dichloroethane-d4
 Concen: 52.251 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	104.4

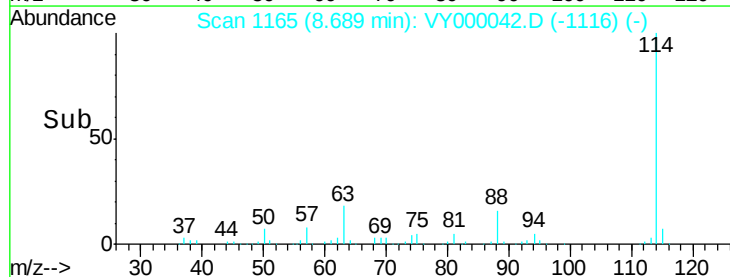
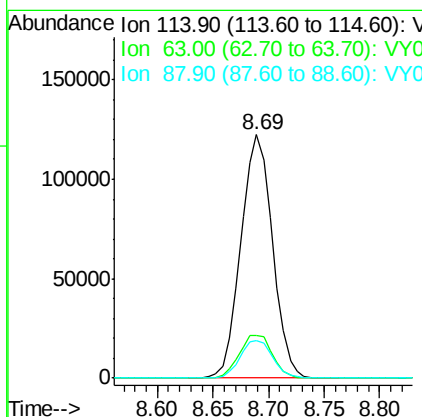
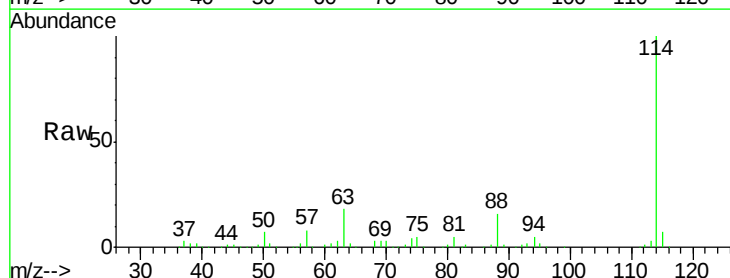
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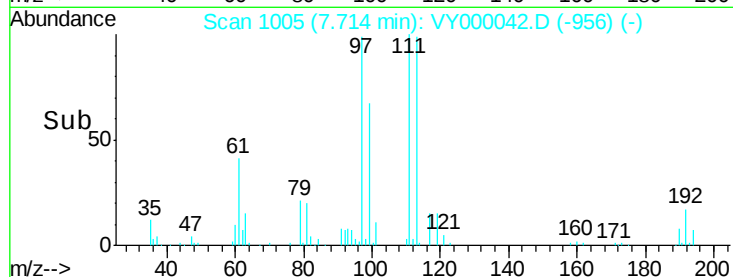
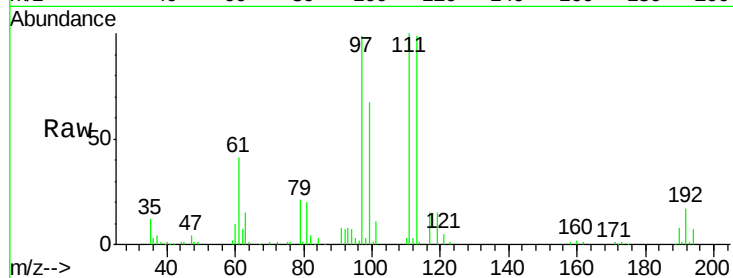
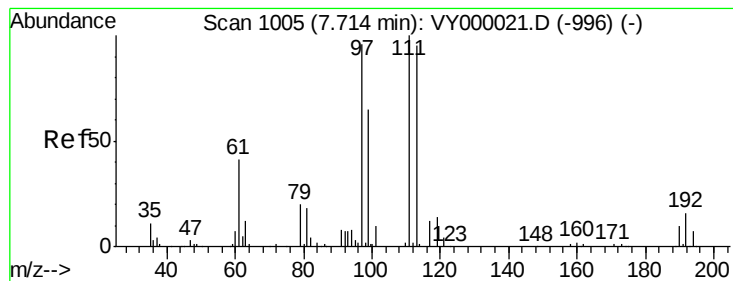
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 9/20/2019 1:02:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.6
88	15.6	0.0	31.8





#35

Dibromofluoromethane

Concen: 51.180 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tot Ion:	113	Resp:	70955
Ion Ratio	Lower	Upper	
113	100		
111	104.9	83.9	125.9
192	17.4	14.5	21.7

Instrument :

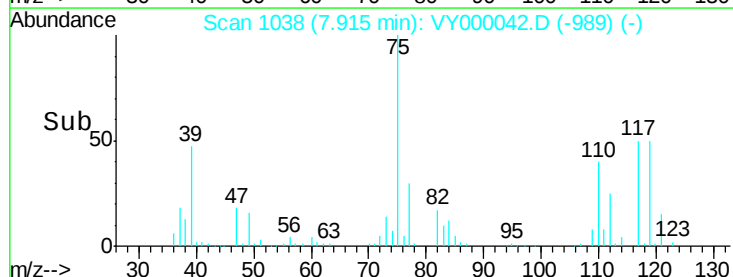
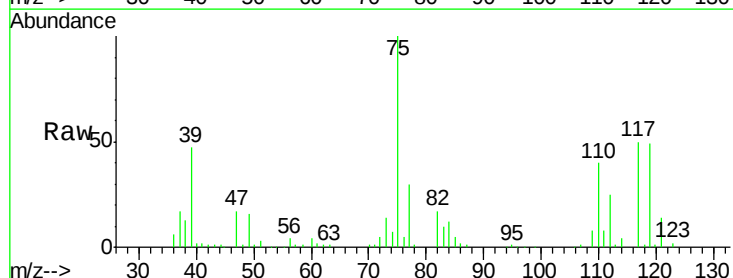
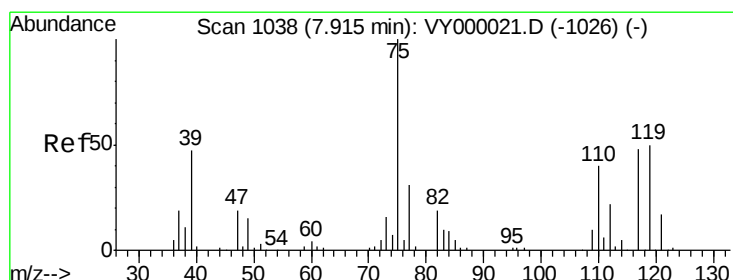
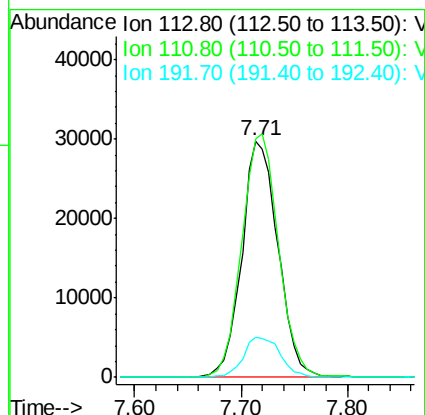
MSVOA_Y

ClientSampleId :

VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 50.945 ug/l

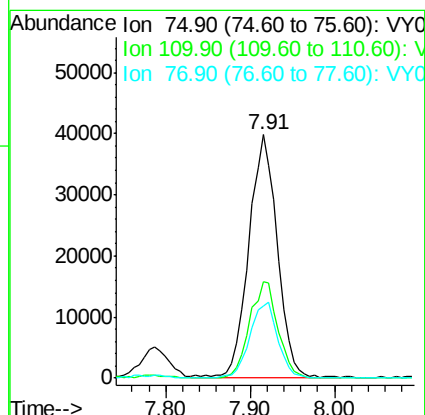
RT: 7.91 min Scan# 1038

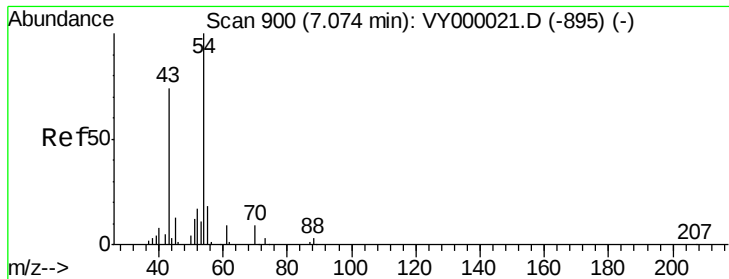
Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	75	Resp:	90393
Ion Ratio	Lower	Upper	
75	100		
110	39.3	18.6	55.8
77	30.9	24.4	36.6





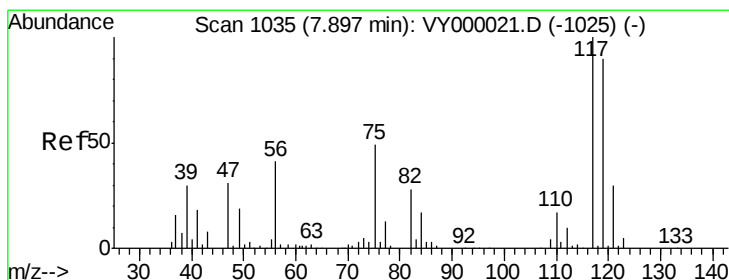
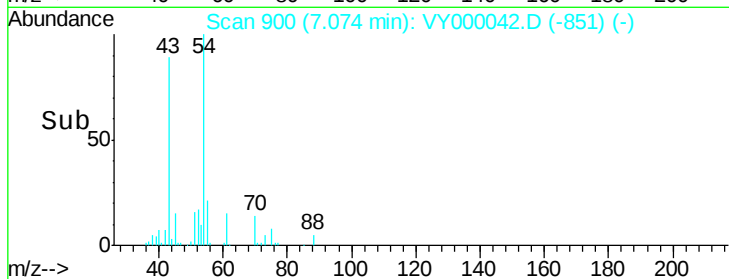
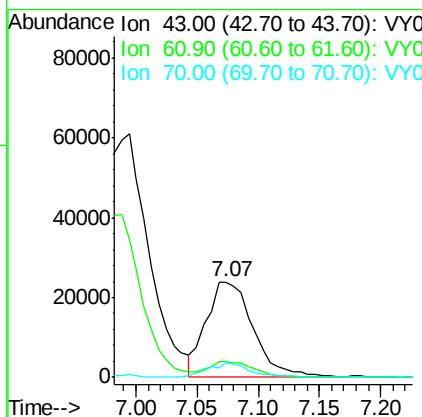
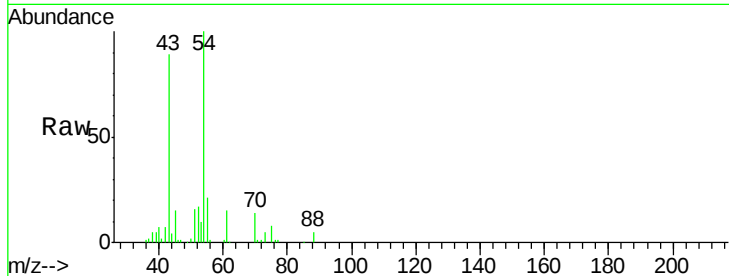
#37
Ethyl Acetate
Concen: 52.333 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.1	19.7
70	13.8	10.9	16.3

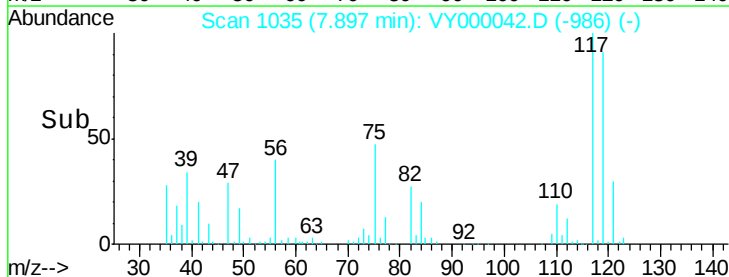
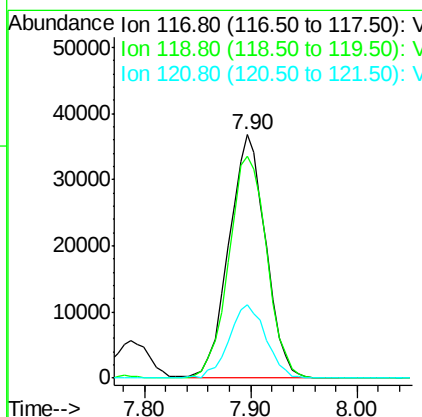
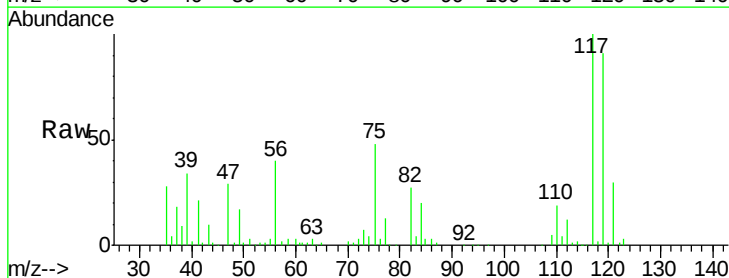
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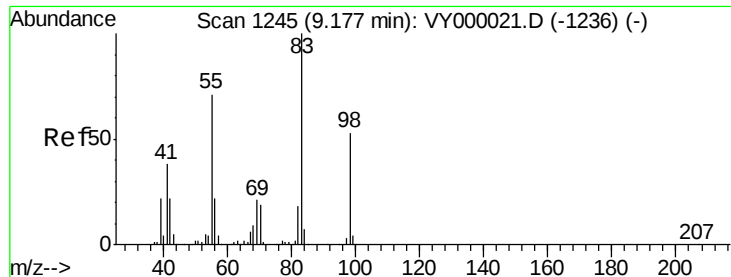
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#38
Carbon Tetrachloride
Concen: 53.149 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	72.1	108.1
121	30.0	23.9	35.9





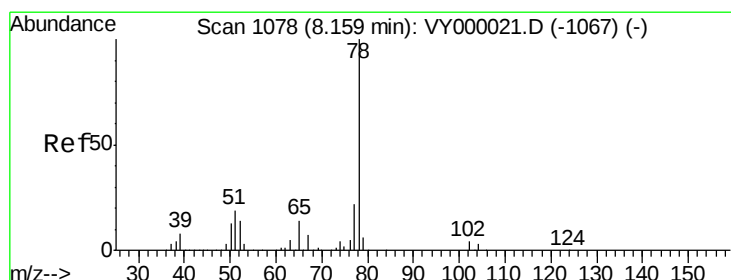
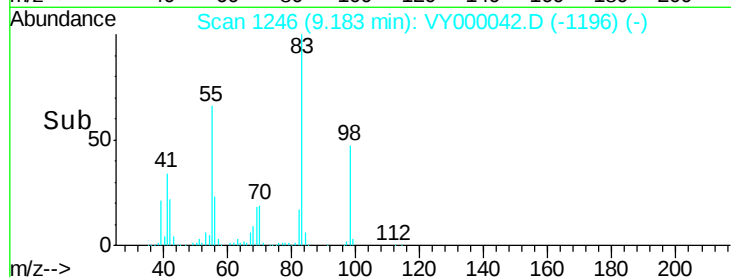
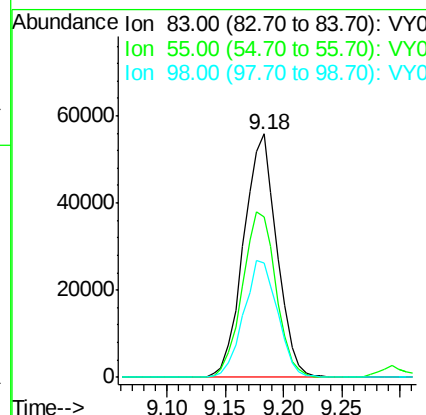
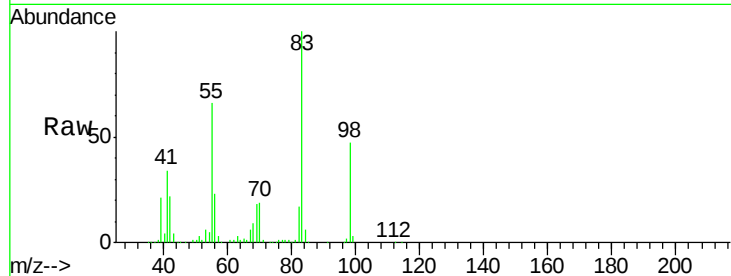
#39
Methvlcvclohexane
Concen: 50.728 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	111203
Ion Ratio	Lower	Upper	
83	100		
55	65.7	57.0	85.4
98	47.1	42.0	63.0

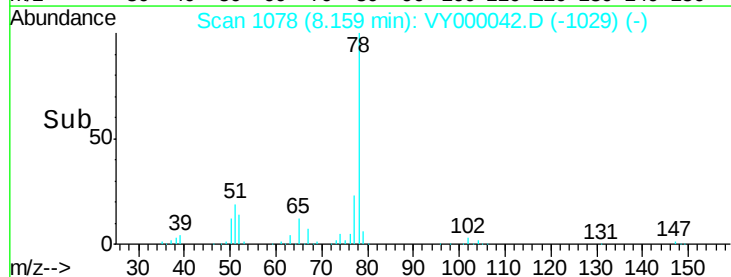
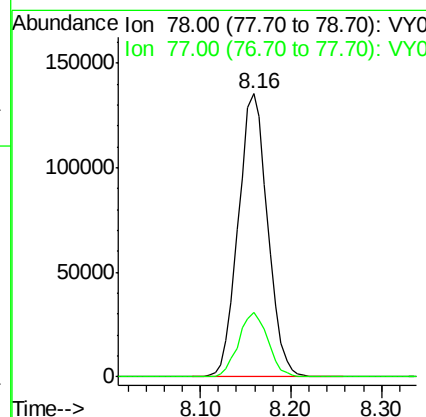
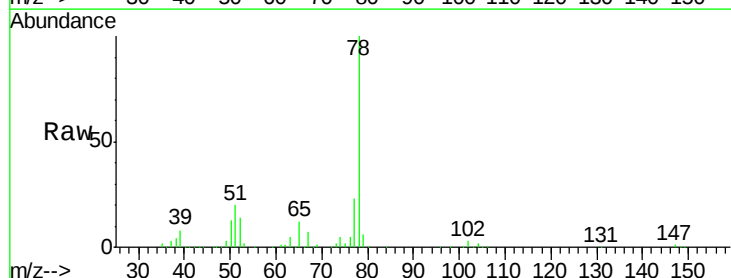
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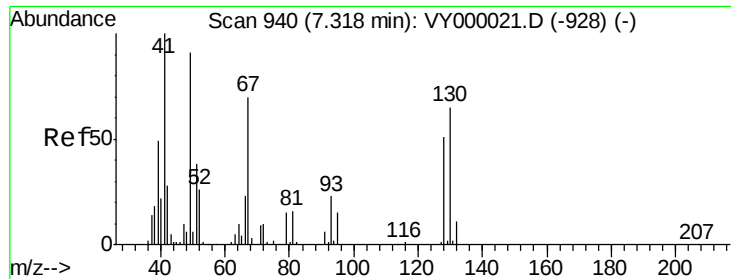
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#40
Benzene
Concen: 52.550 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	78	Resp	303562
Ion Ratio	Lower	Upper	
78	100		
77	22.8	17.8	26.6





#41

Methacrylonitrile

Concen: 42.392 ug/l m

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000042.D

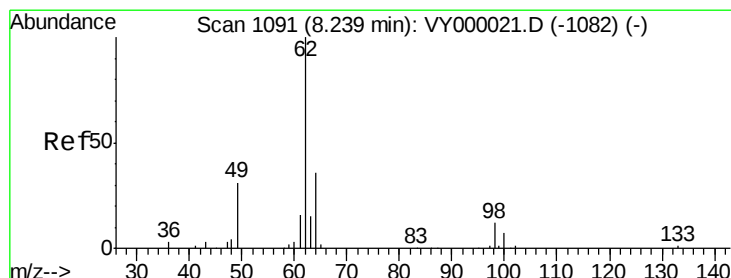
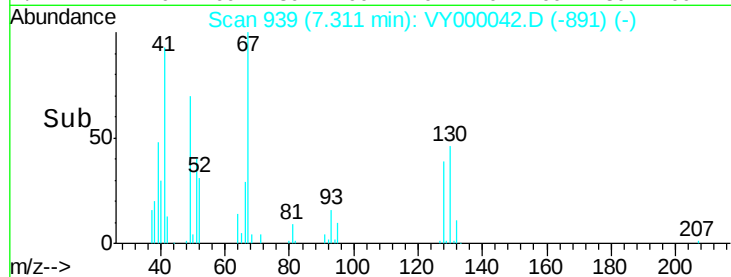
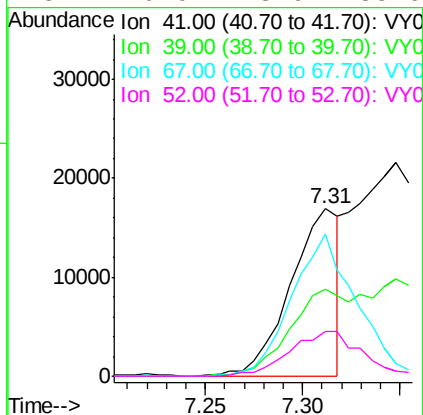
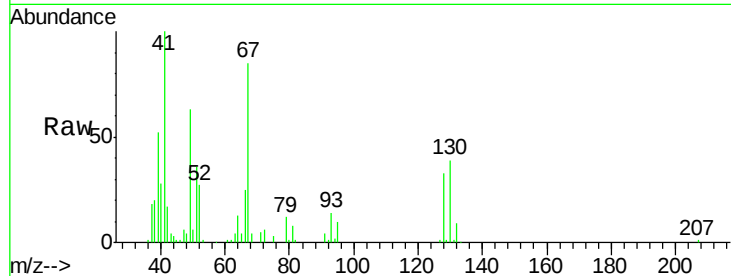
Acq: 16 Sep 2019 11:54

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.8	62.6#
67	0.0	65.8	98.6#
52	0.0	23.9	35.9#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.695 ug/l

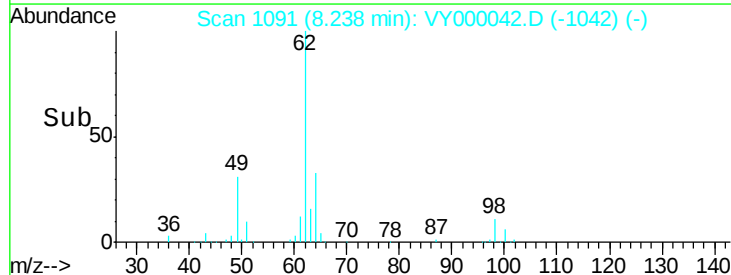
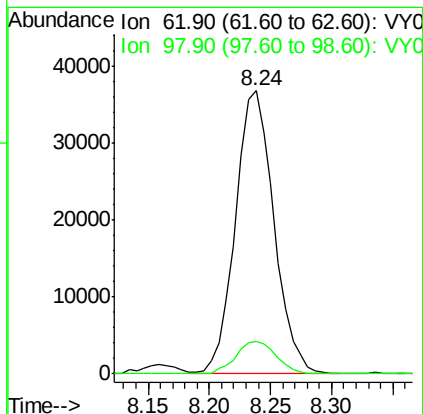
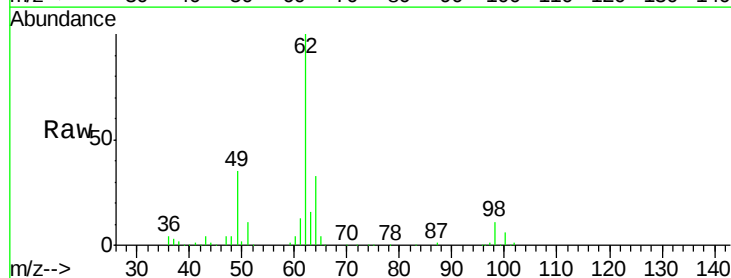
RT: 8.24 min Scan# 1091

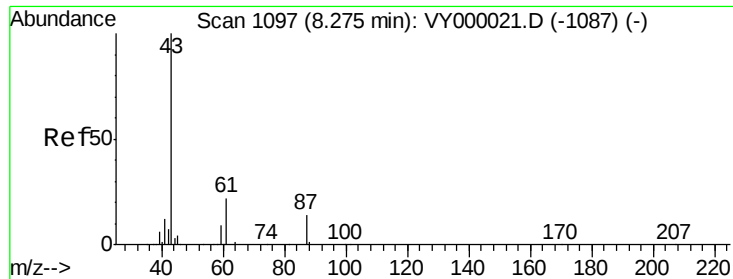
Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	23.2





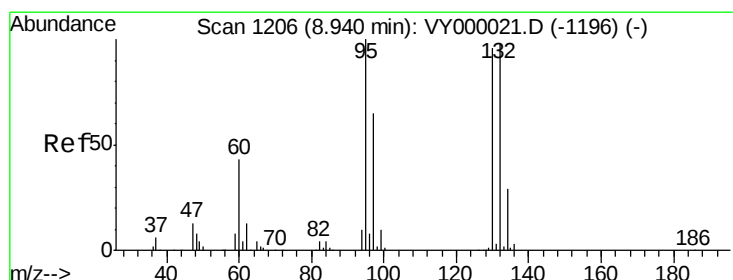
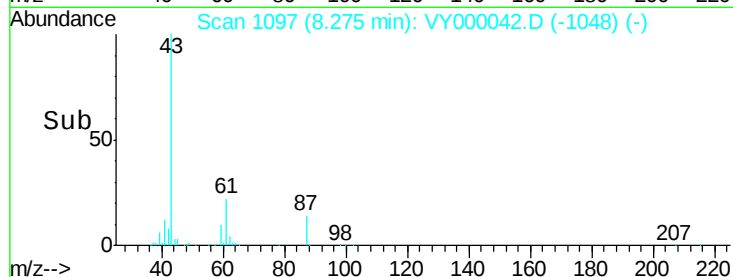
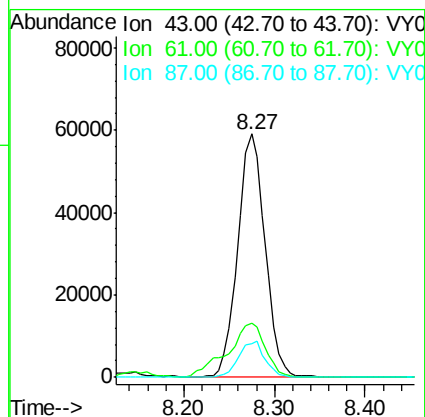
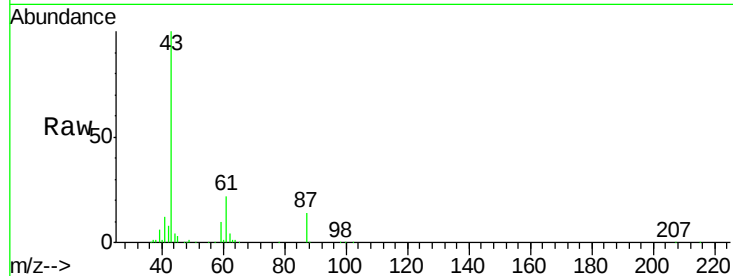
#43
Isopropyl Acetate
Concen: 53.382 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	123769
Ion Ratio	Lower	Upper	
43	100		
61	30.8	24.9	37.3
87	14.3	12.3	18.5

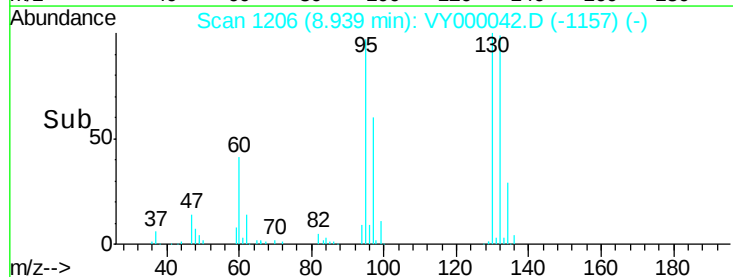
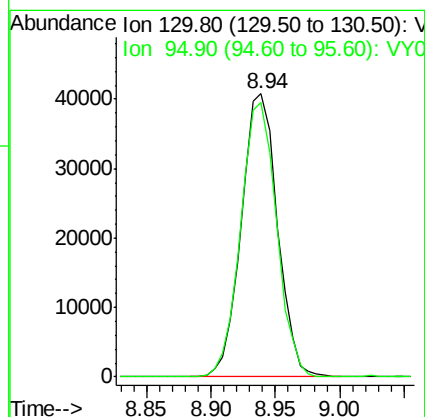
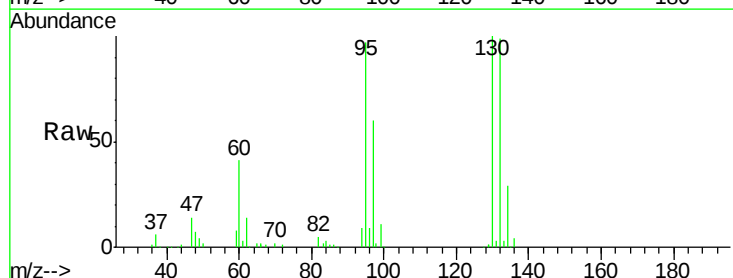
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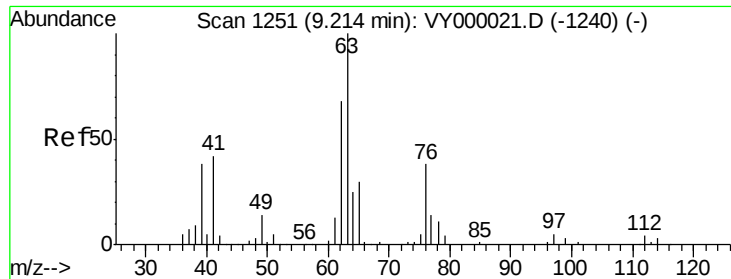
MMDadoda
9/20/2019 1:02:12 AM



#44
Trichloroethene
Concen: 54.825 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	130	Resp	79078
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	207.4





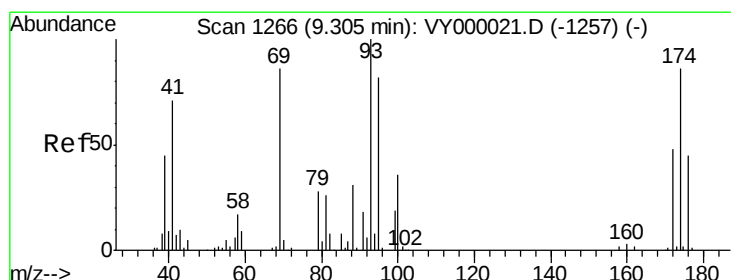
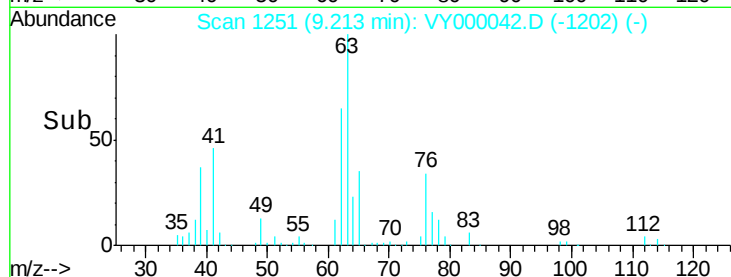
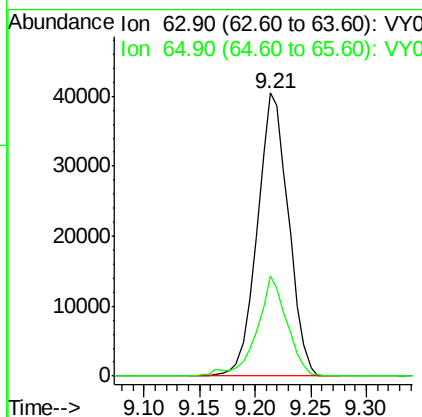
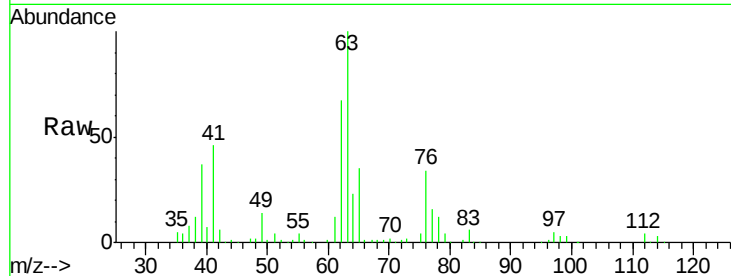
#45
 1,2-Dichloropropane
 Concen: 52.934 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 78847
 Ion Ratio Lower Upper
 63 100
 65 35.5 24.1 36.1

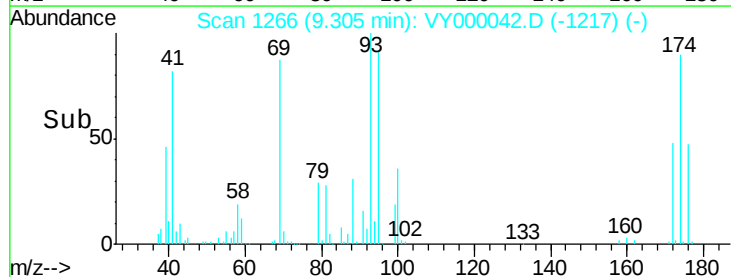
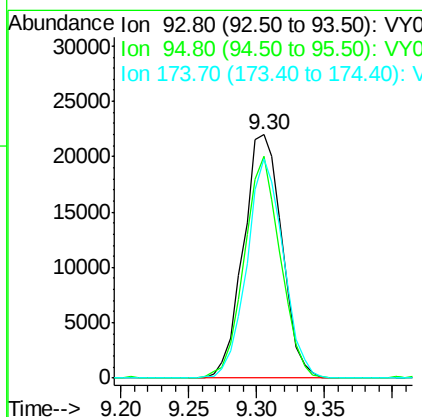
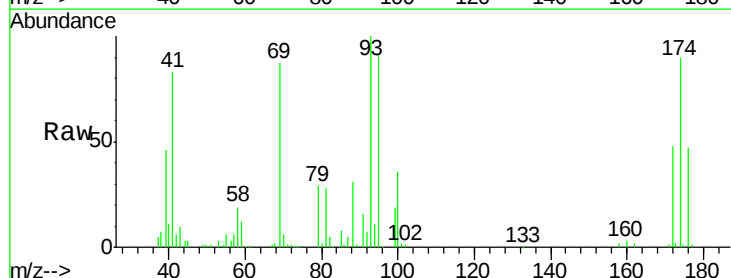
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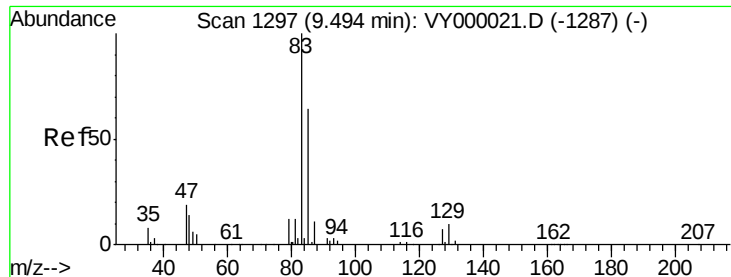
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 9/20/2019 1:02:12 AM



#46
 Dibromomethane
 Concen: 52.722 ug/l
 RT: 9.30 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion: 93 Resp: 43583
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.0 100.6
 174 85.4 68.8 103.2





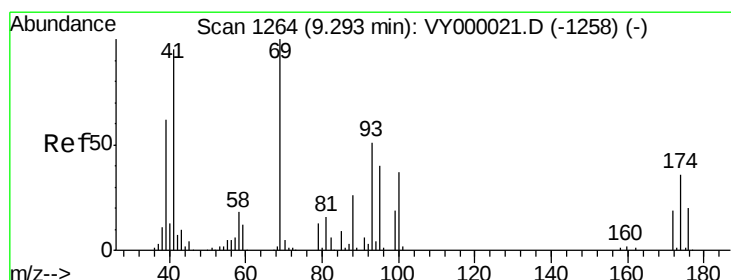
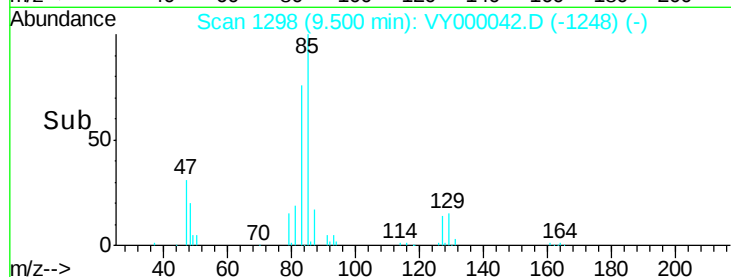
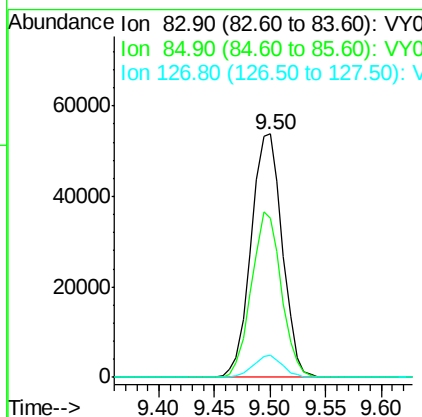
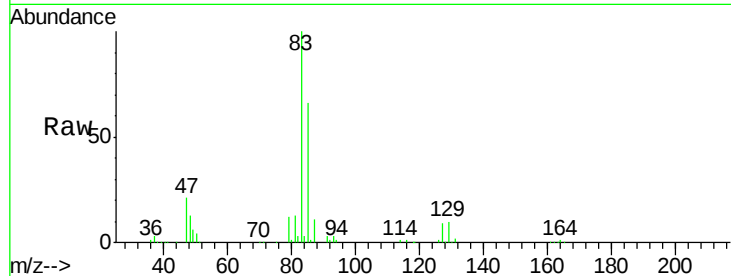
#47
Bromodichloromethane
Concen: 53.327 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	105233		
85	65.6		51.4	77.2
127	9.2		5.4	8.2#

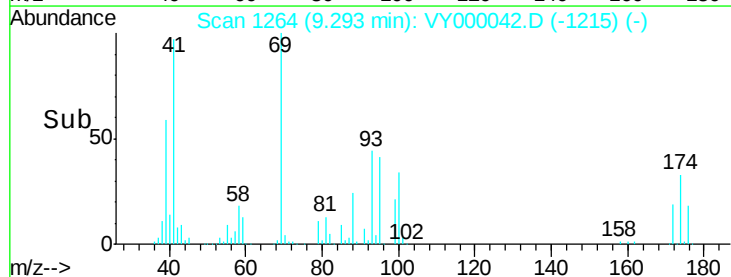
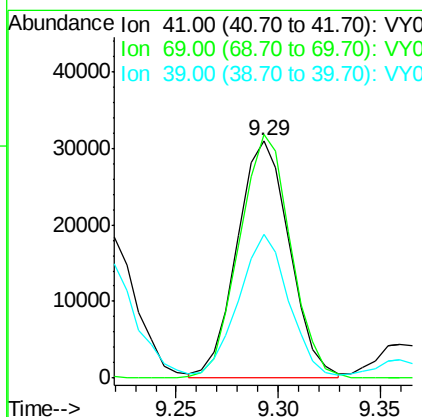
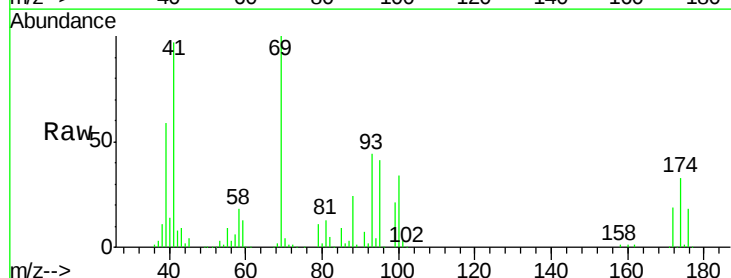
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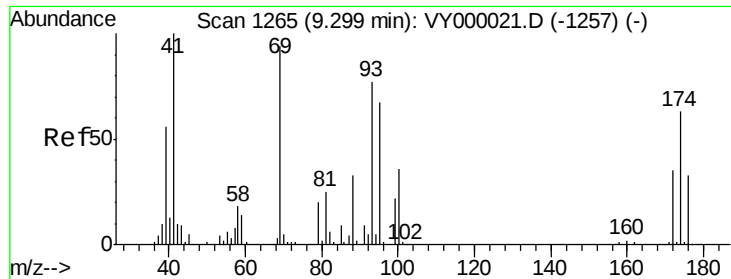
MMDadoda
9/20/2019 1:02:12 AM



#48
Methyl methacrylate
Concen: 54.241 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	55495		
69	100.6		79.7	119.5
39	58.4		48.6	72.8





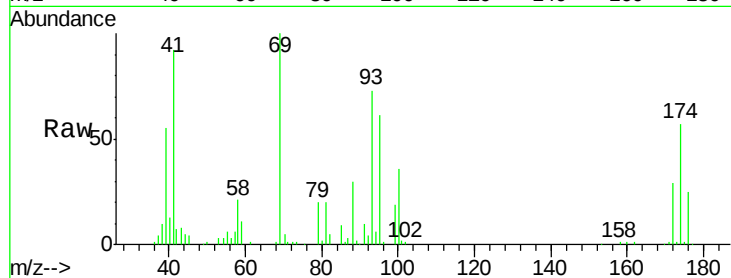
#49
1,4-Dioxane
Concen: 1006.220 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

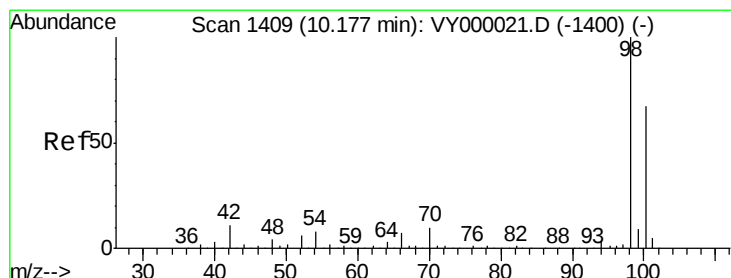
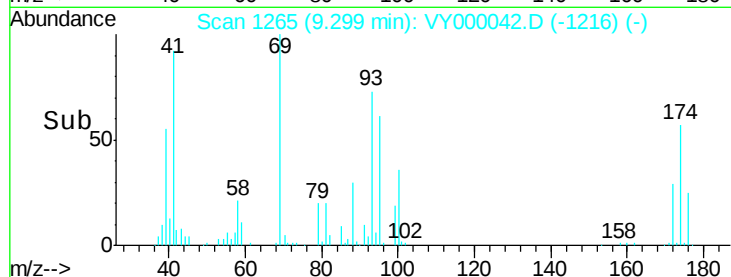
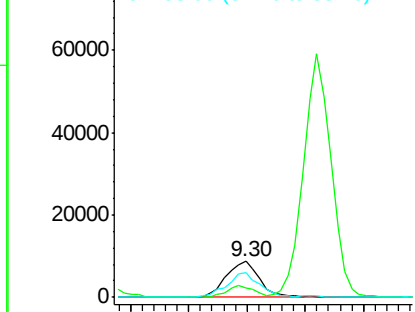
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	24.6	37.0
58	67.5	52.7	79.1

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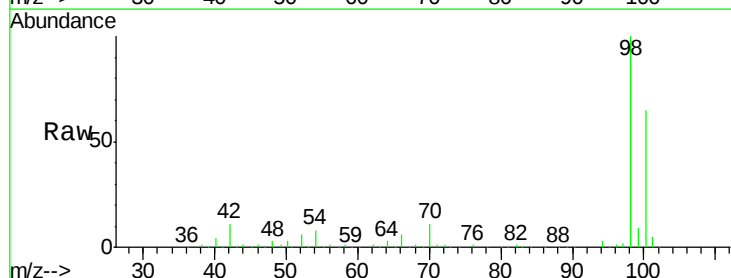


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

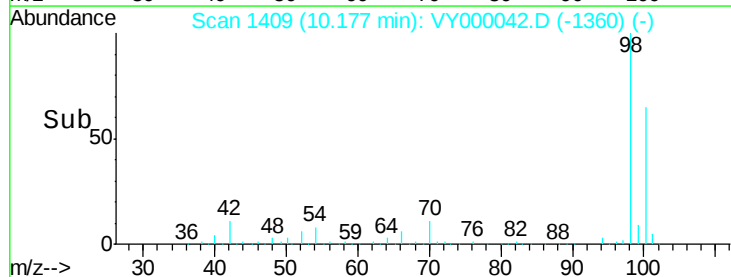
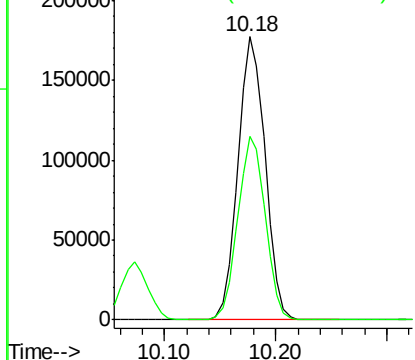


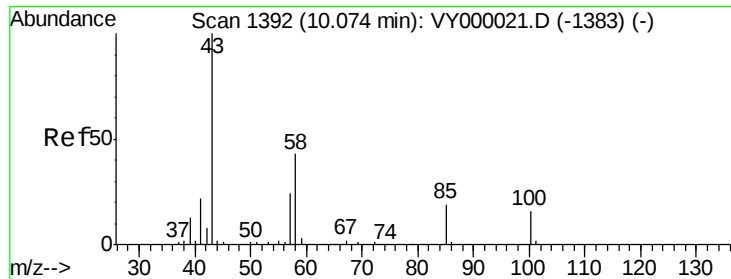
#50
Toluene-d8
Concen: 53.586 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	54.0	81.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 266.491 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 346222

Ion Ratio Lower Upper

43 100

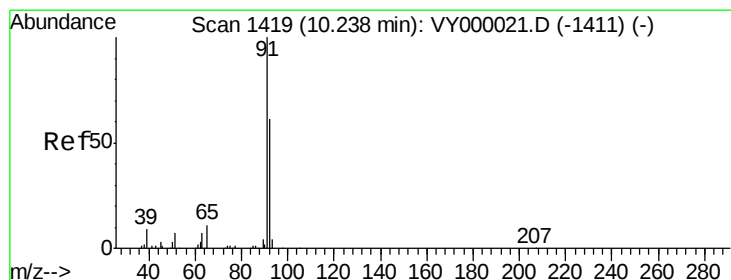
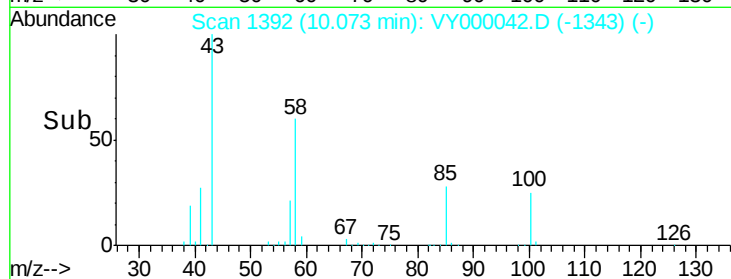
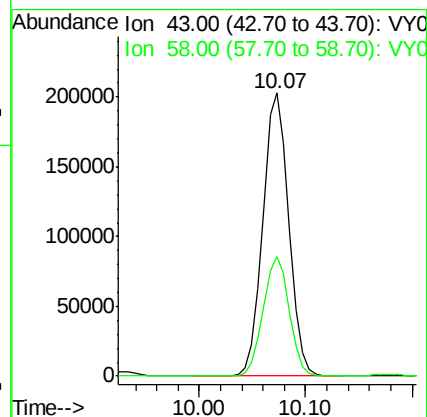
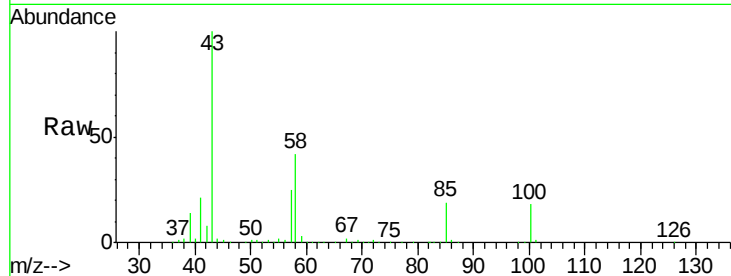
58 42.5 34.1 51.1

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#52

Toluene

Concen: 53.905 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.01 min

Lab File: VY000042.D

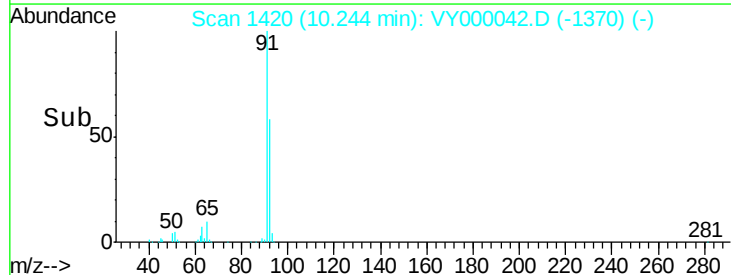
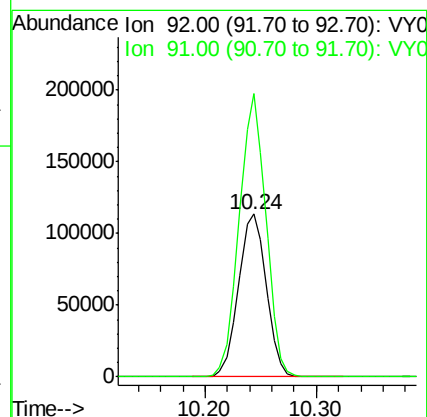
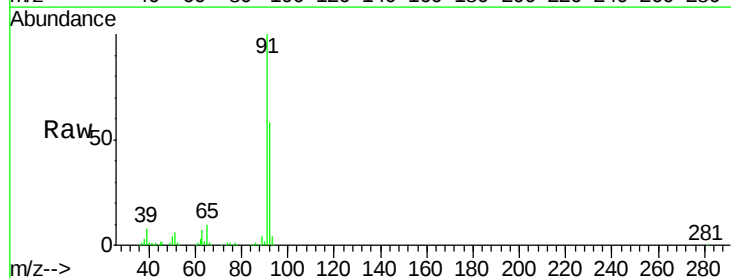
Acq: 16 Sep 2019 11:54

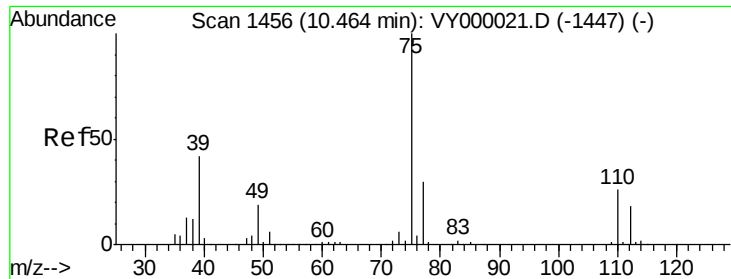
Tgt Ion: 92 Resp: 195668

Ion Ratio Lower Upper

92 100

91 167.5 136.4 204.6





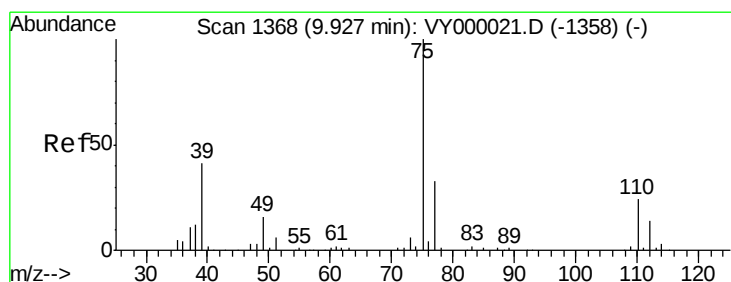
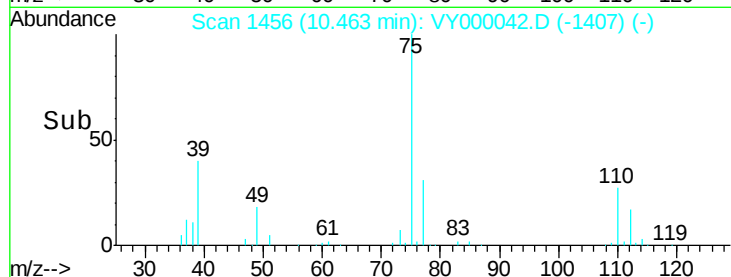
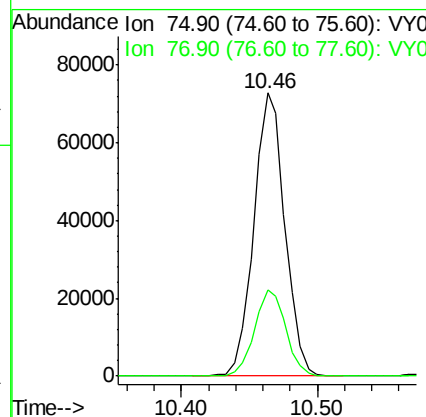
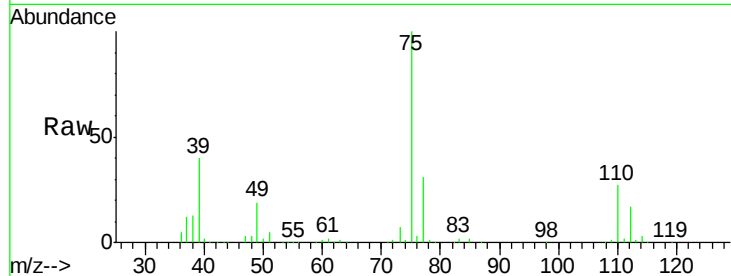
#53
t-1,3-Dichloropropene
Concen: 55.997 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	23.8	35.8

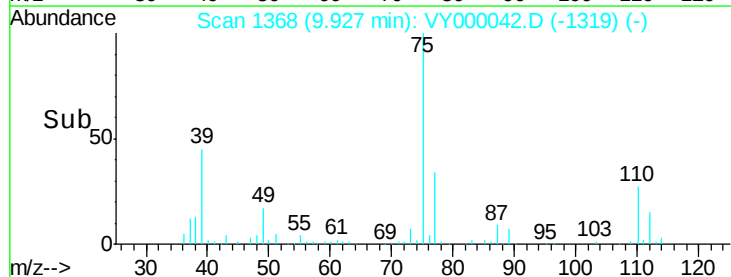
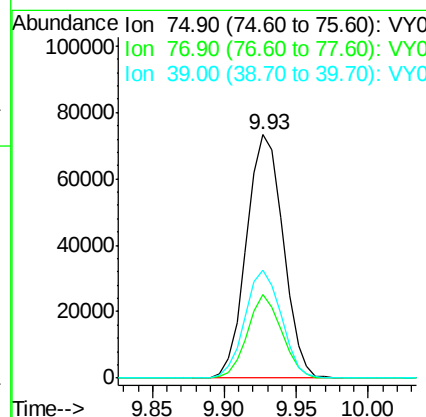
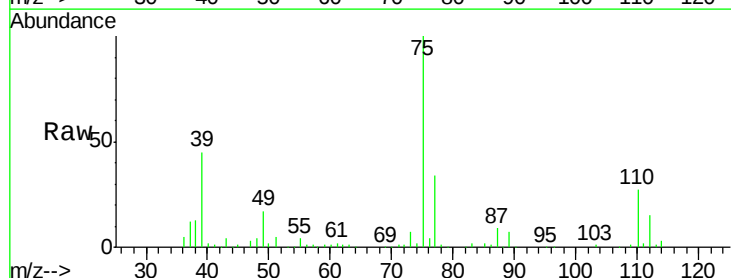
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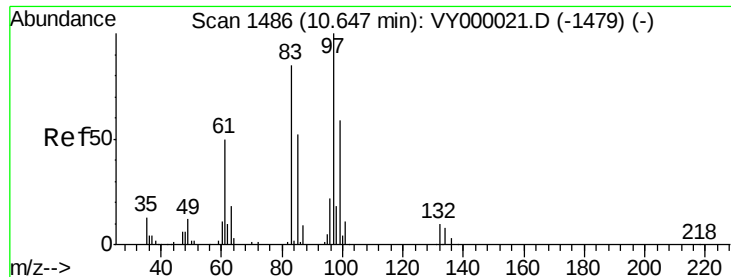
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#54
cis-1,3-Dichloropropene
Concen: 53.602 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.3	39.5
39	44.5	32.9	49.3





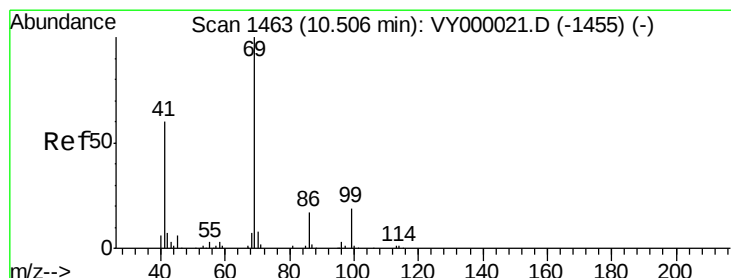
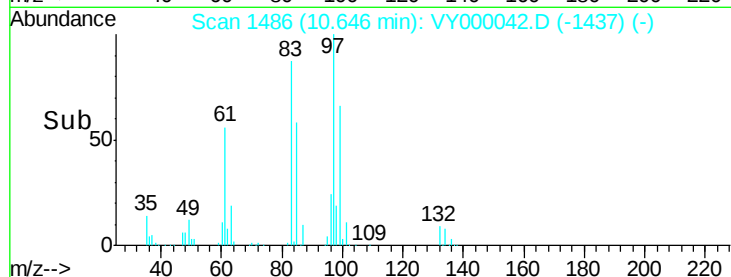
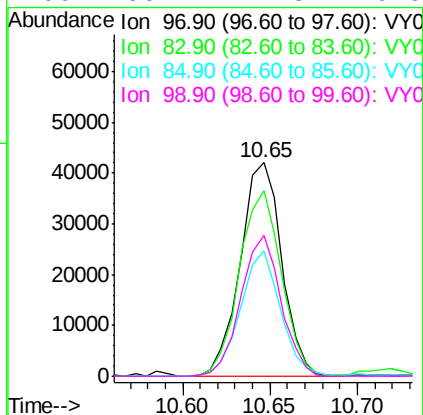
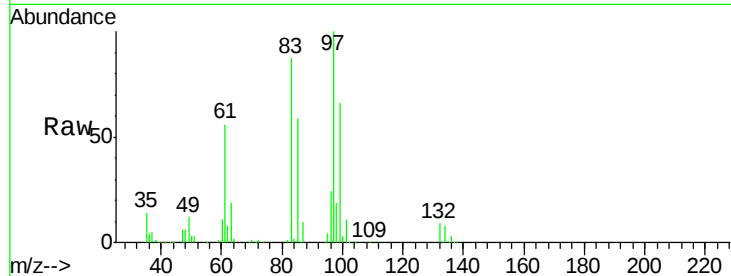
#55
 1,1,2-Trichloroethane
 Concen: 53.029 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	69469
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.2
85	58.6	41.7	62.5
99	66.1	47.3	70.9

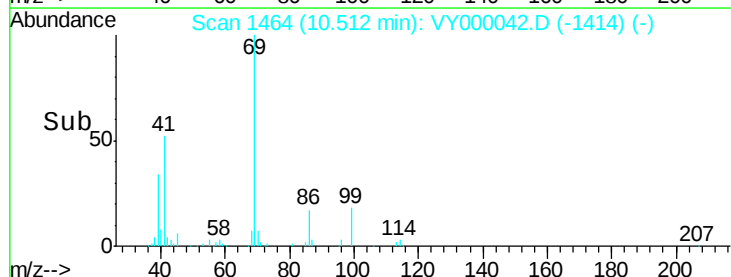
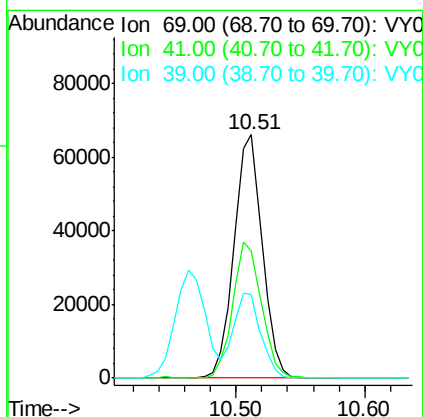
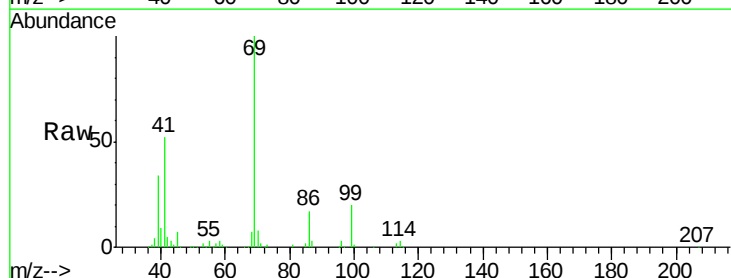
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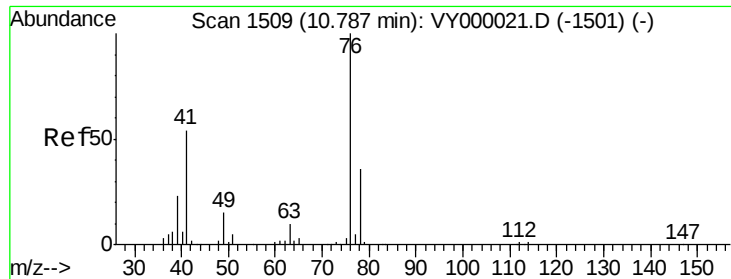
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 9/20/2019 1:02:12 AM



#56
 Ethyl methacrylate
 Concen: 55.006 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion:	69	Resp:	101129
Ion	Ratio	Lower	Upper
69	100		
41	56.1	47.0	70.4
39	33.9	26.4	39.6





#57

1,3-Dichloropropane

Concen: 54.827 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 114864

Ion Ratio Lower Upper

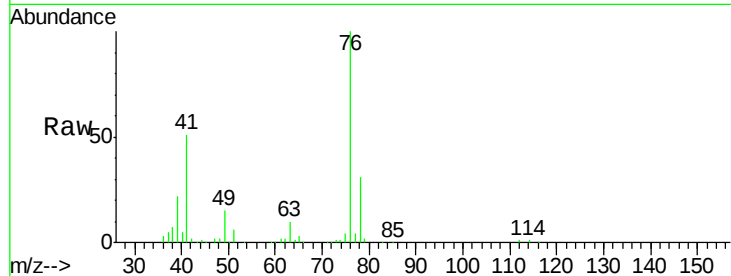
76 100

78 32.4 26.0 39.0

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

60000

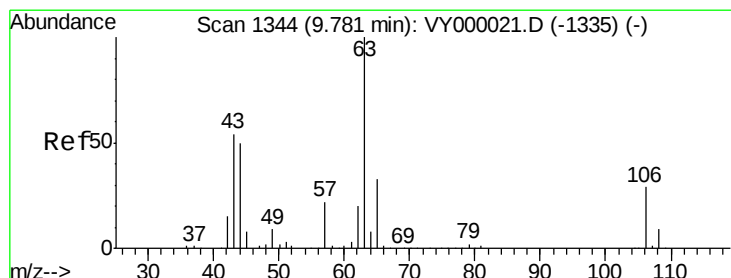
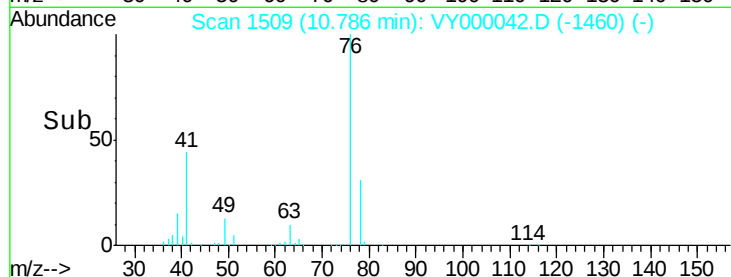
40000

20000

0

Time-->

10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 236.469 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000042.D

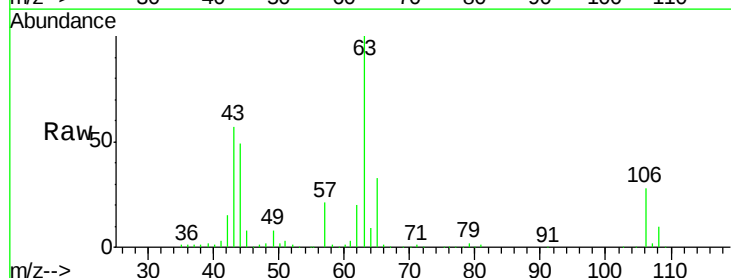
Acq: 16 Sep 2019 11:54

Tgt Ion: 63 Resp: 238143

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

150000

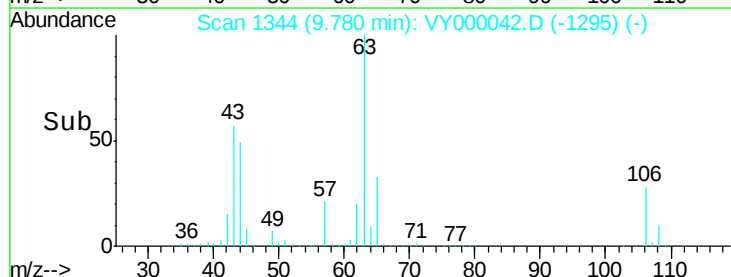
100000

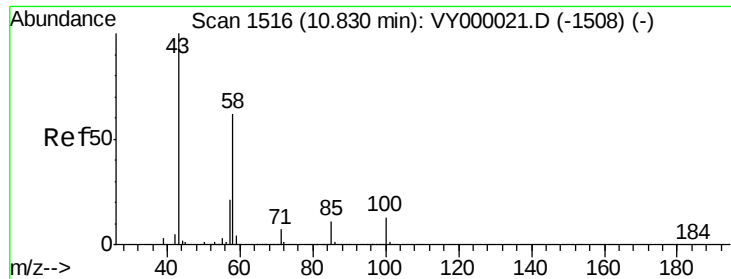
50000

0

Time-->

9.70 9.75 9.80 9.85





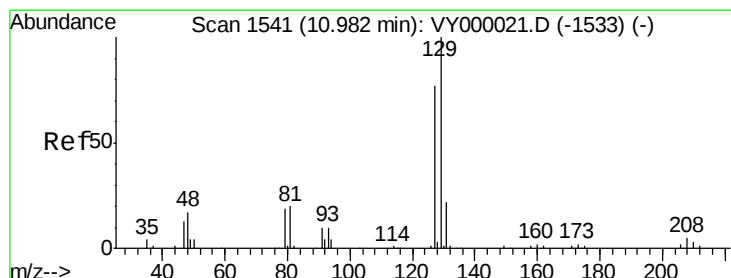
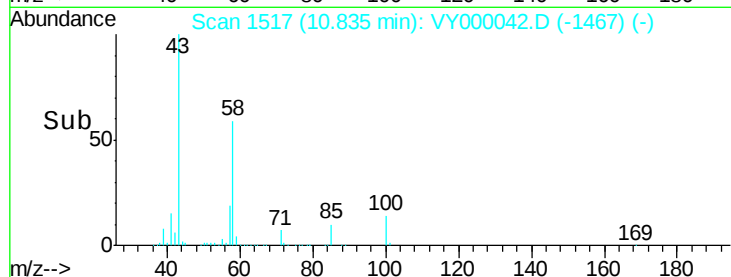
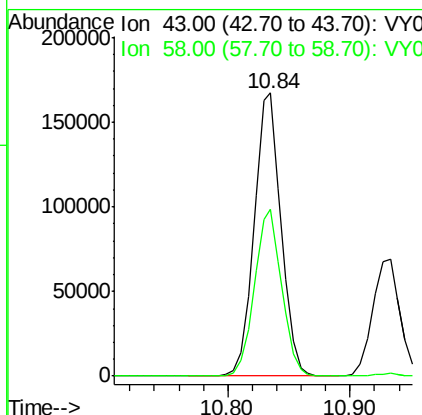
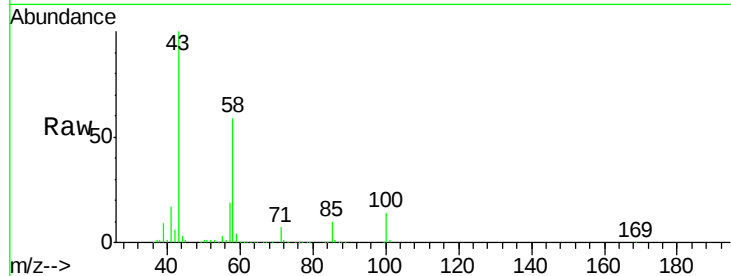
#59
2-Hexanone
Concen: 273.287 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	255860
Ion Ratio	100	Lower	Upper
43	100		
58	59.4	30.3	90.8

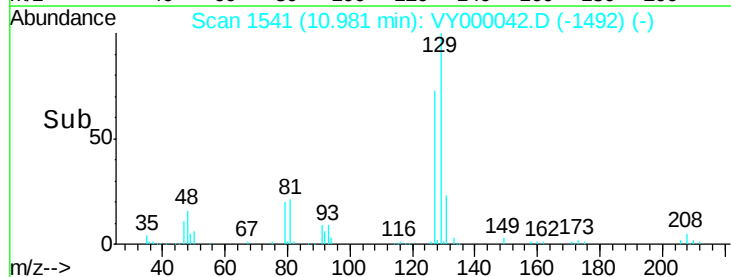
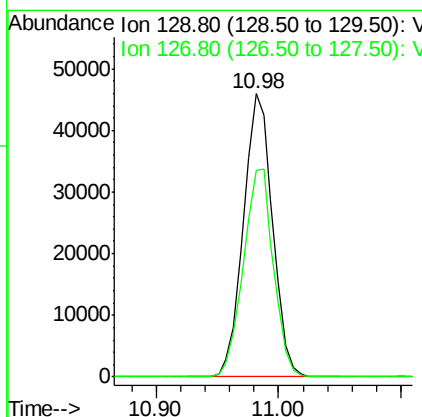
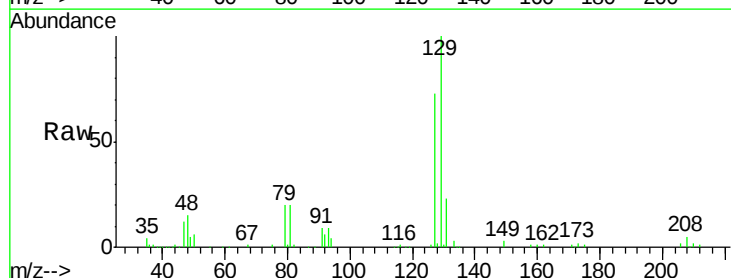
Manual Integrations
APPROVED

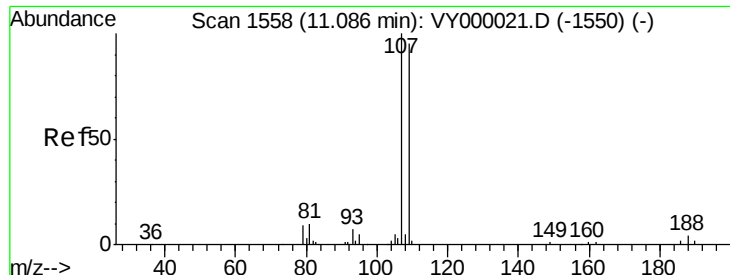
MMDadoda
9/20/2019 1:02:12 AM



#60
Dibromochloromethane
Concen: 54.983 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	129	Resp	75895
Ion Ratio	100	Lower	Upper
129	100		
127	75.9	38.4	115.2





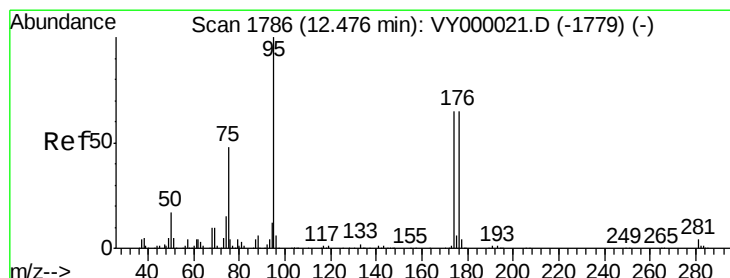
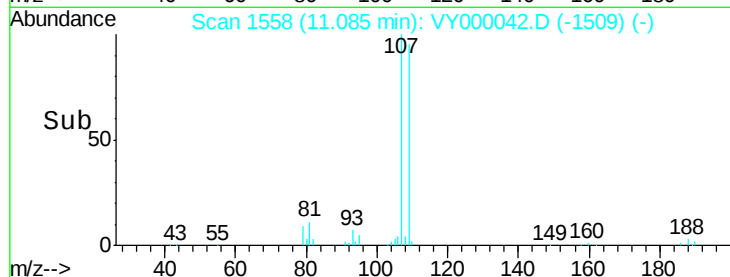
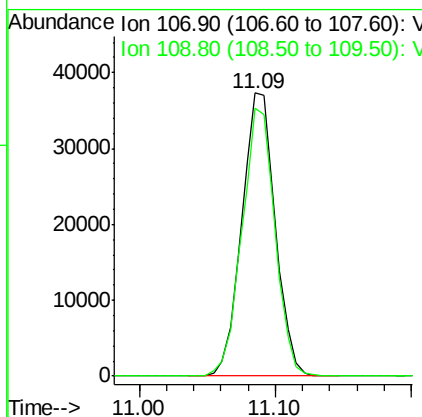
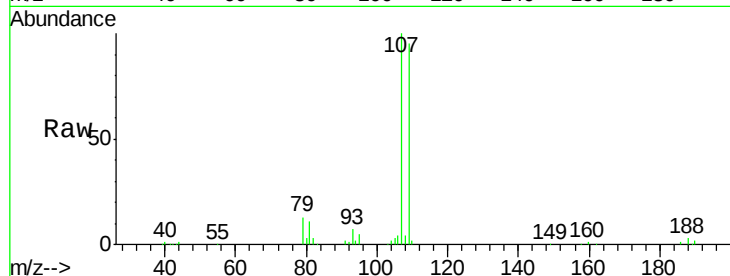
#61
 1,2-Dibromoethane
 Concen: 55.418 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 64122
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.7 115.1

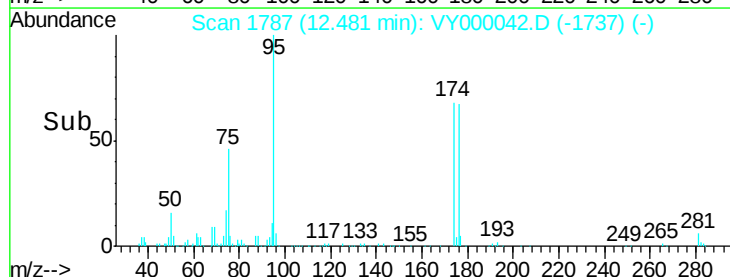
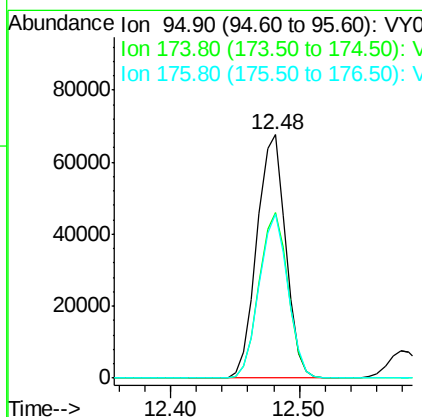
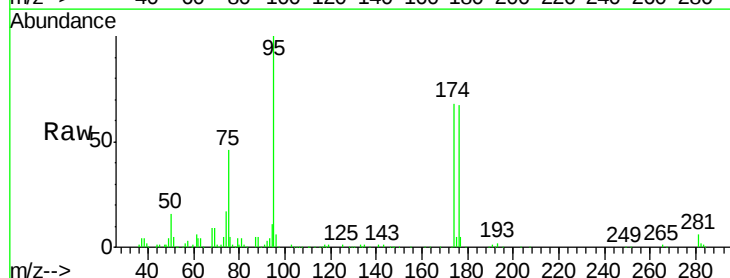
Manual Integrations
 APPROVED

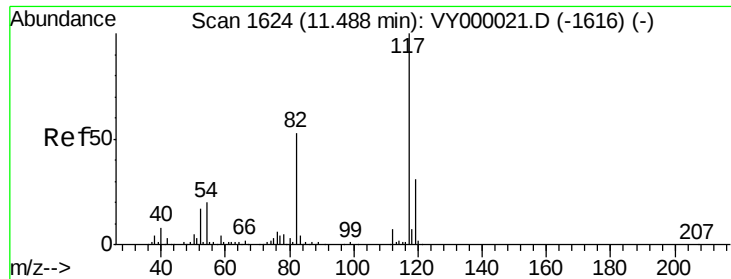
MMDadoda
 9/20/2019 1:02:12 AM



#62
 4-Bromofluorobenzene
 Concen: 51.307 ug/l
 RT: 12.48 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion: 95 Resp: 104094
 Ion Ratio Lower Upper
 95 100
 174 68.2 0.0 137.6
 176 67.4 0.0 134.8





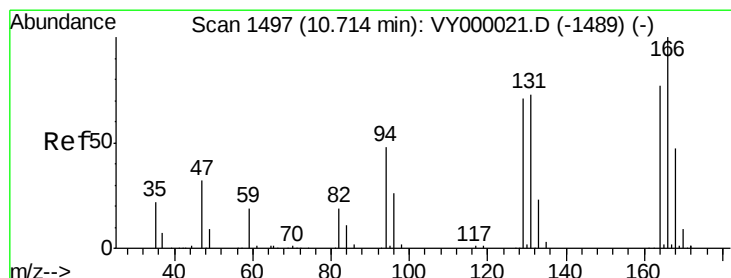
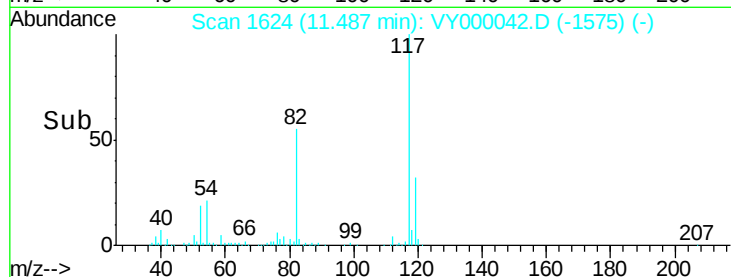
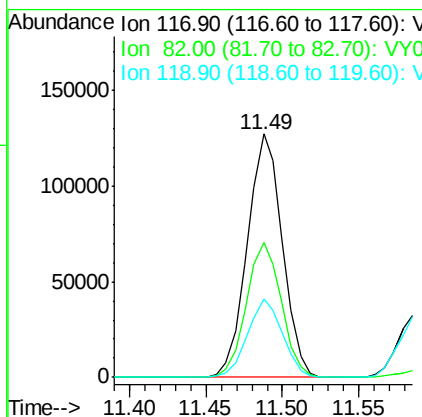
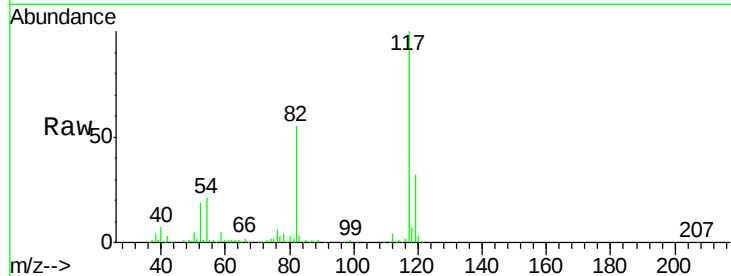
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	202365		
82	55.1	42.5	63.7	
119	32.4	25.1	37.7	

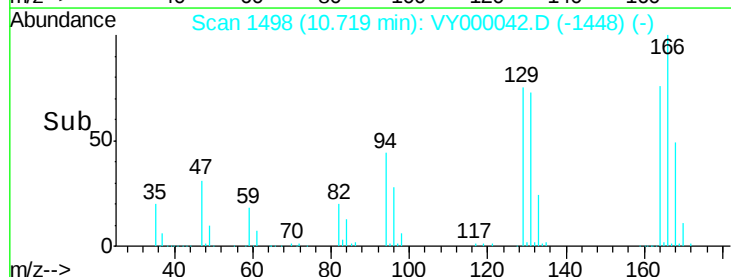
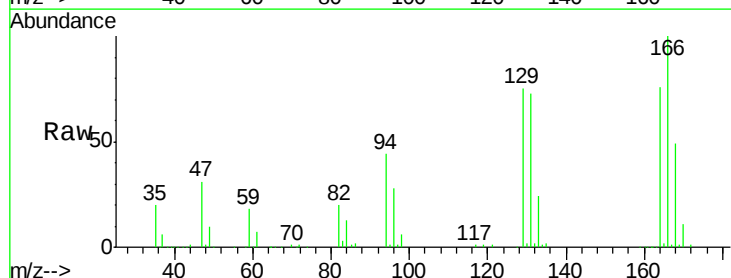
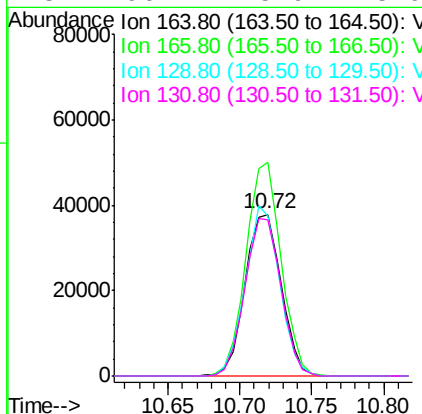
Manual Integrations
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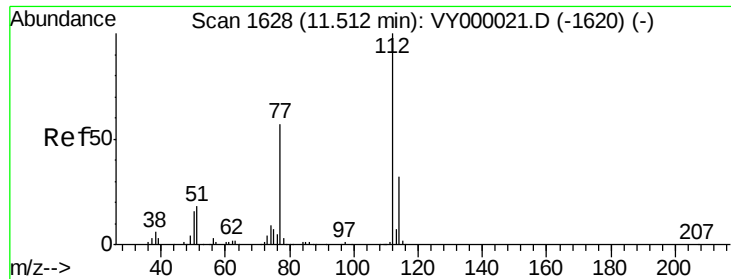
MMDadoda
9/20/2019 1:02:12 AM



#64
Tetrachloroethene
Concen: 52.981 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65748		
166	132.1	103.4	155.0	
129	98.7	73.4	110.0	
131	96.7	75.9	113.9	





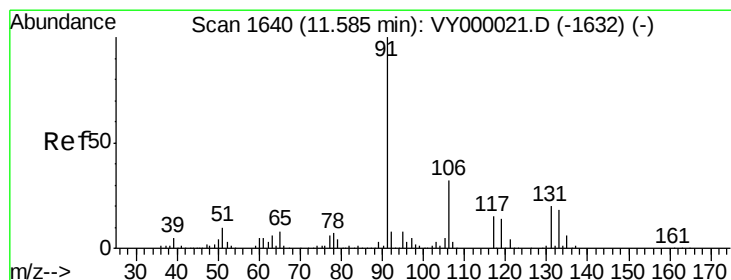
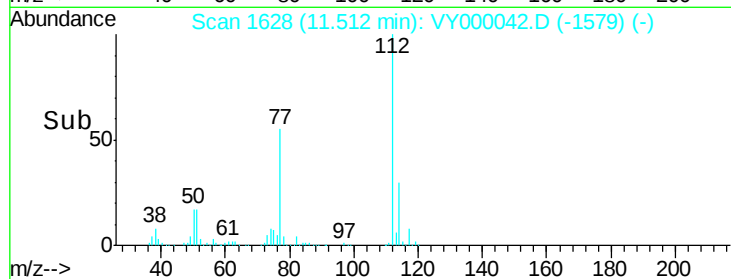
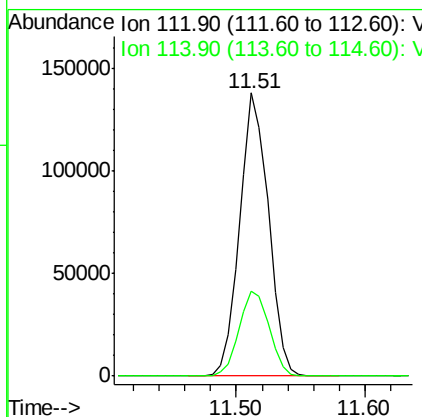
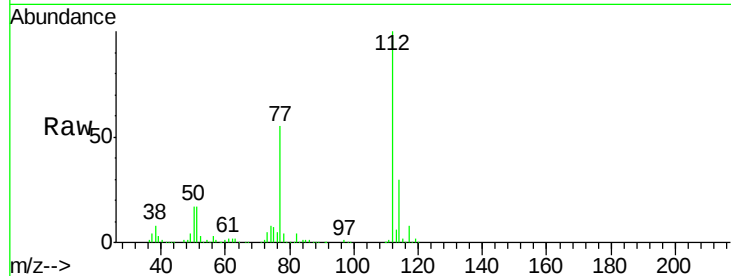
#65
Chlorobenzene
Concen: 55.173 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.4	38.2

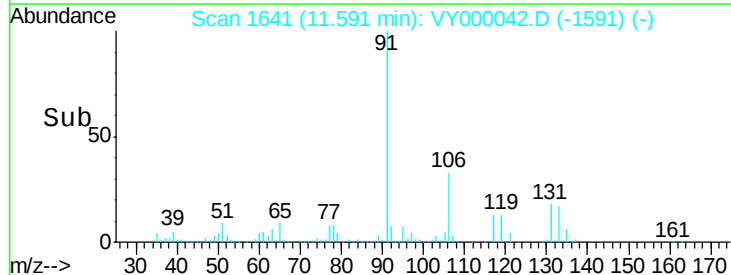
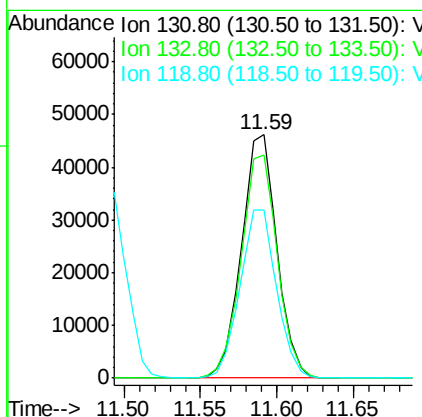
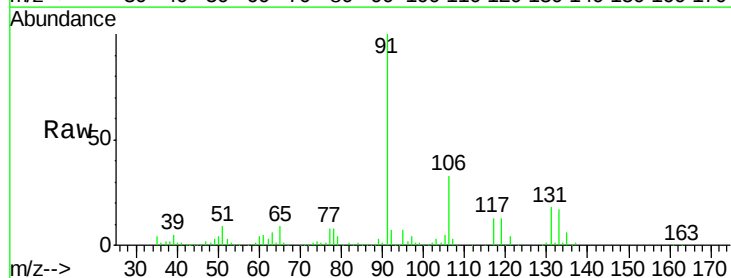
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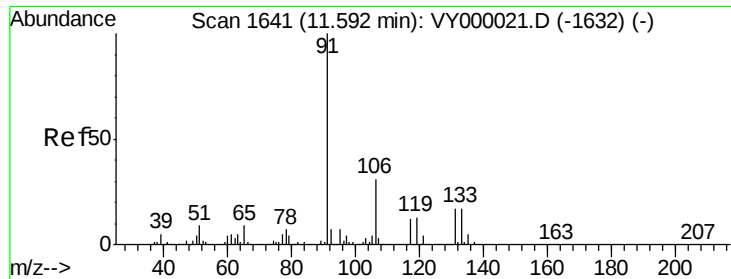
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.355 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.2	141.6
119	71.4	35.4	106.3





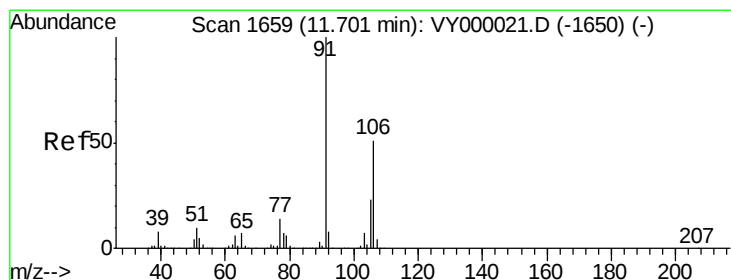
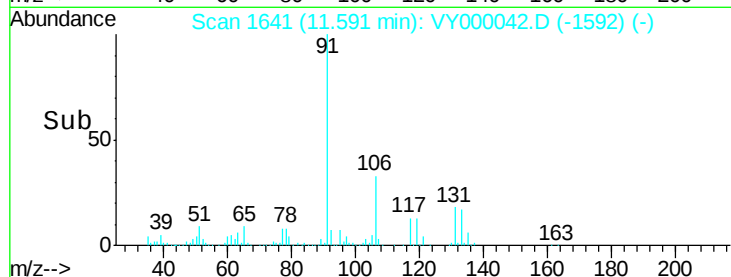
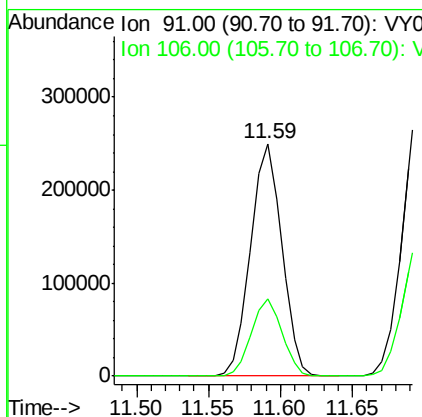
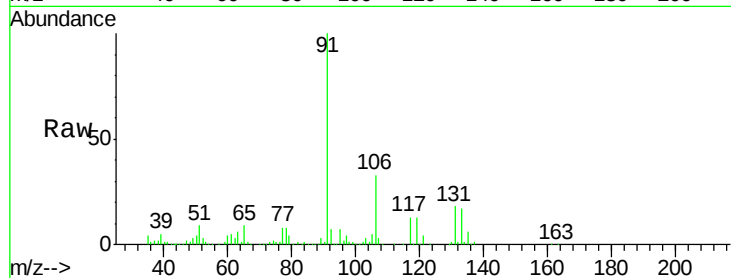
#67
Ethyl Benzene
Concen: 53.601 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 375488
Ion Ratio Lower Upper
91 100
106 33.4 24.6 37.0

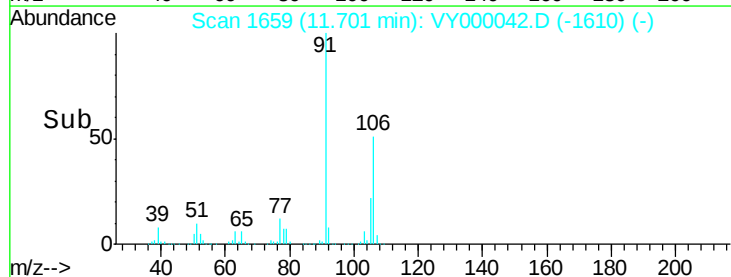
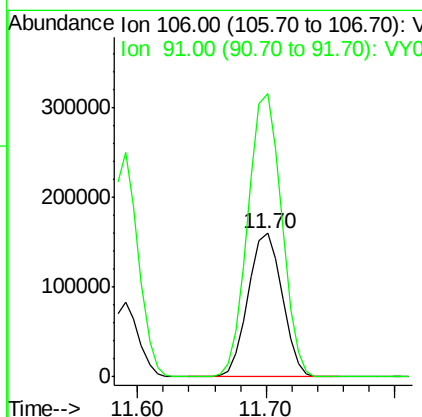
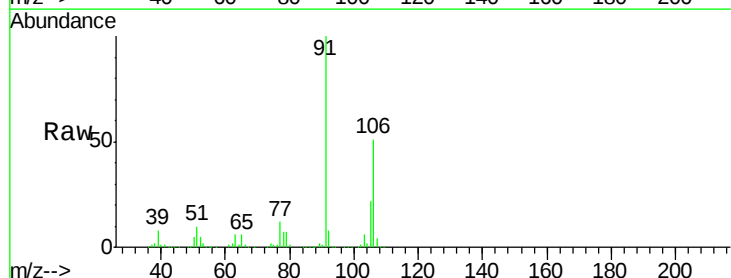
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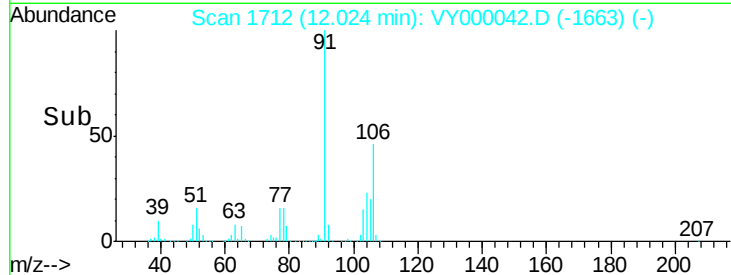
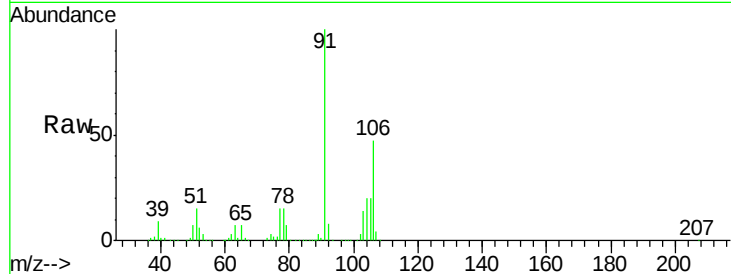
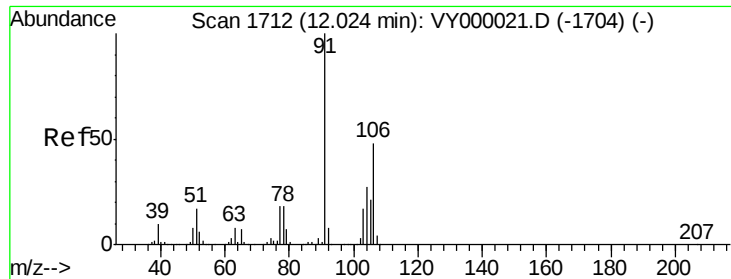
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#68
m/p-Xylenes
Concen: 110.694 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion: 106 Resp: 292617
Ion Ratio Lower Upper
106 100
91 195.6 158.5 237.7





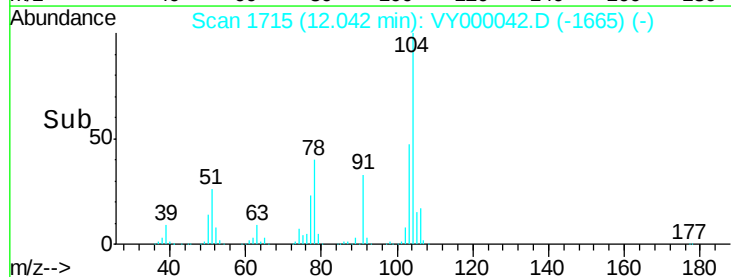
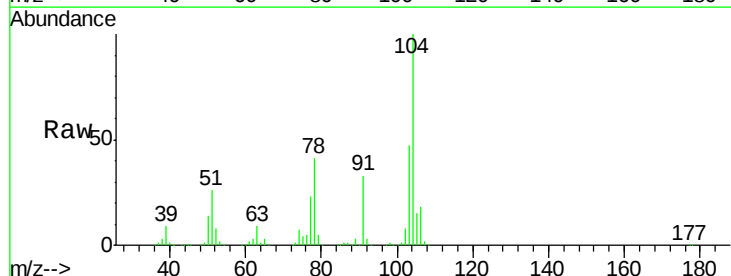
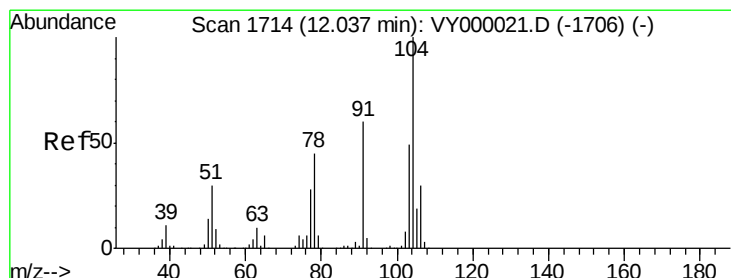
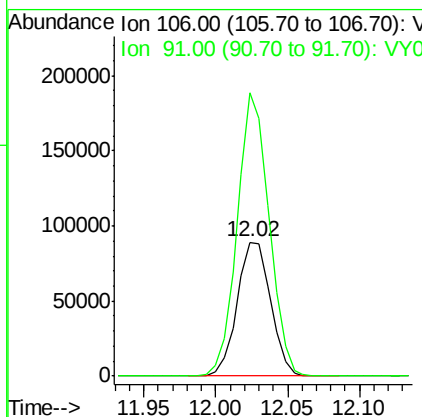
#69
o-Xylene
Concen: 55.333 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		143360		
91	202.0	104.0	312.0		

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

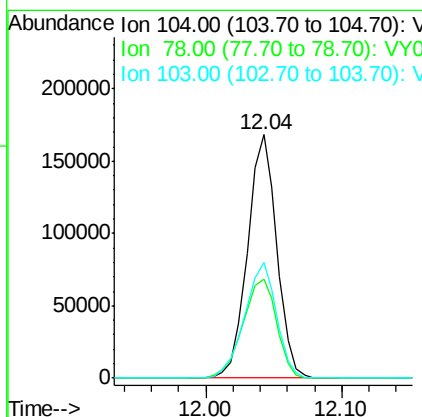
Manual Integrations
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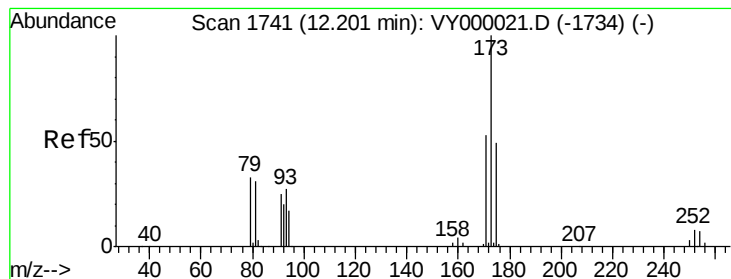
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#70
Styrene
Concen: 56.049 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		252608		
78	47.1	38.0	57.0		
103	52.1	42.4	63.6		





#71

Bromoform

Concen: 54.655 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 44092

Ion Ratio Lower Upper

173 100

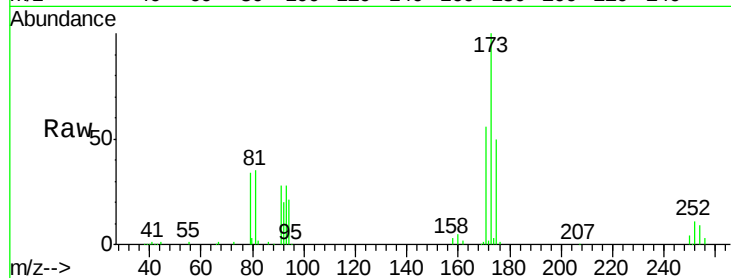
175 47.0 25.1 75.4

254 0.0 0.0 0.0

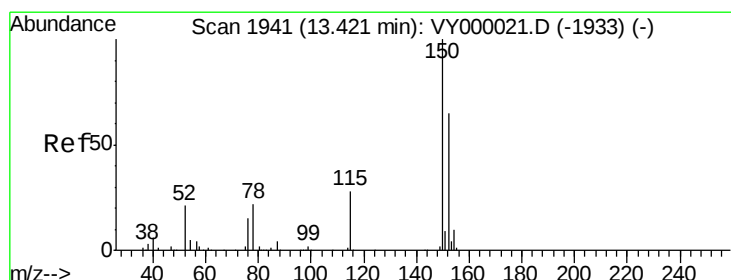
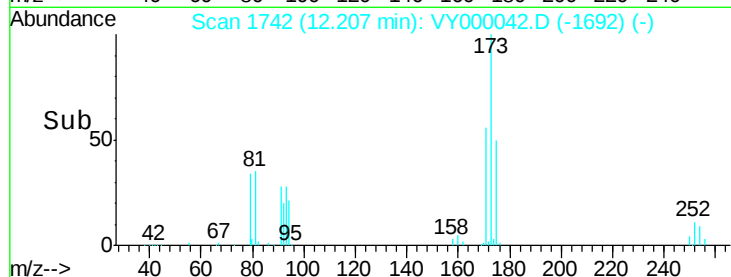
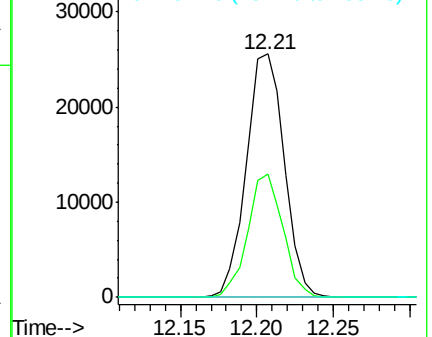
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

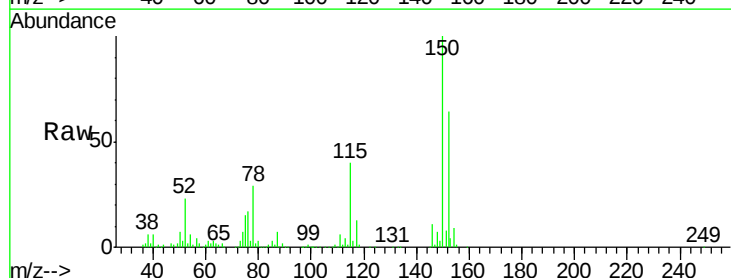
Tgt Ion:152 Resp: 91503

Ion Ratio Lower Upper

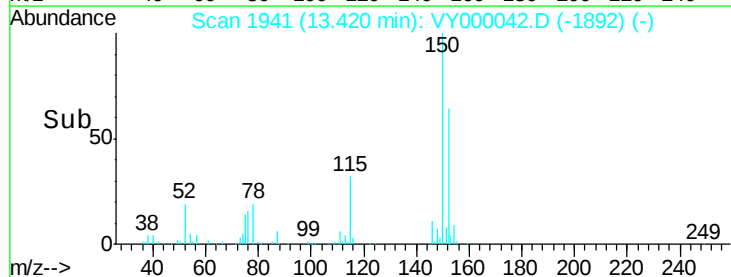
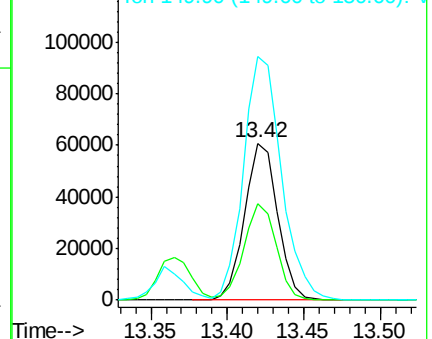
152 100

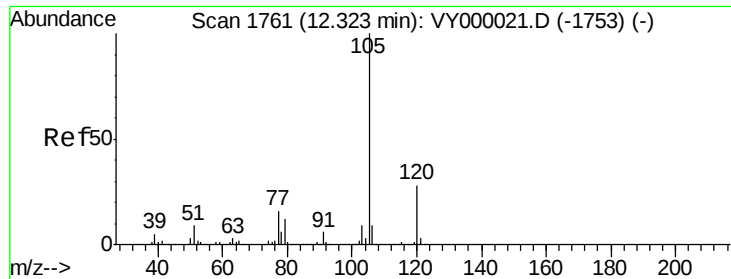
115 60.5 29.4 88.2

150 177.8 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: 54.540 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 381317

Ion Ratio Lower Upper

105 100

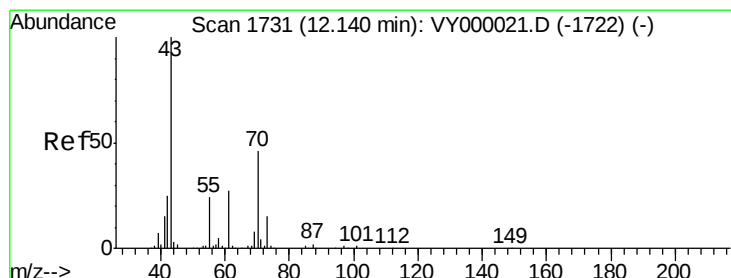
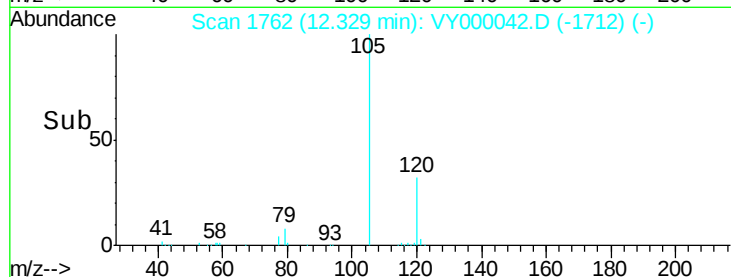
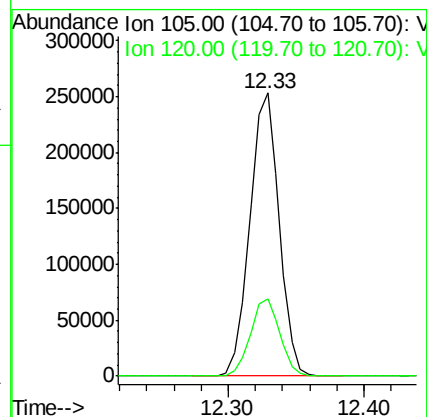
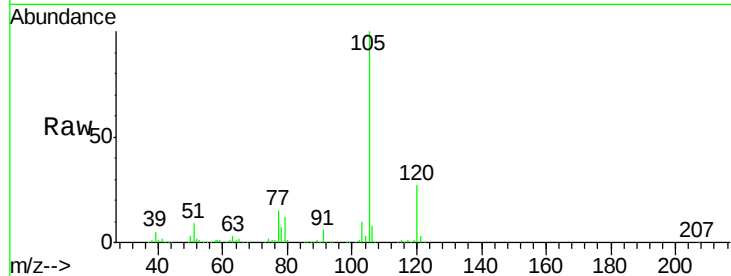
120 27.5 13.9 41.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 55.617 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion: 43 Resp: 114782

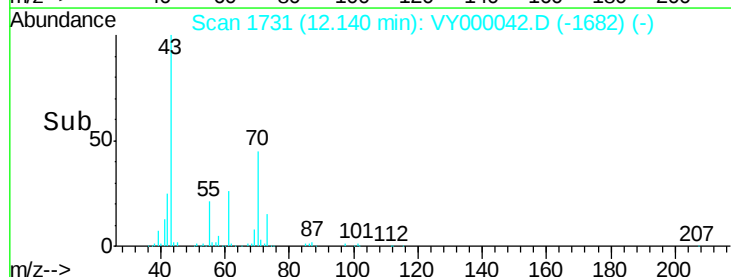
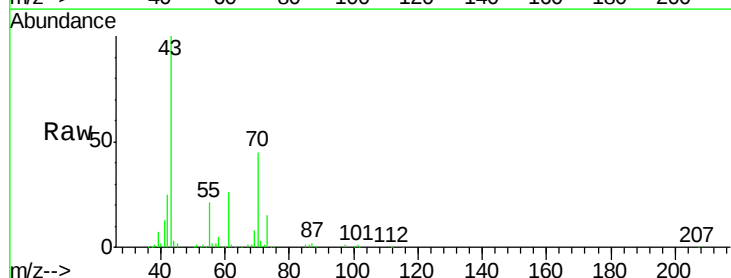
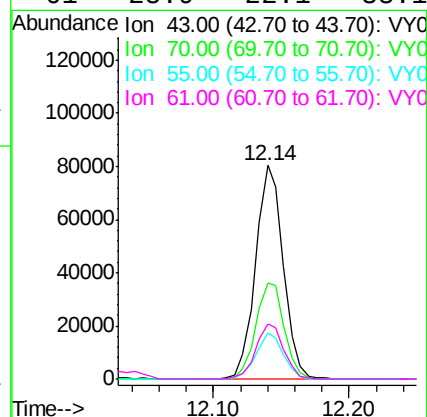
Ion Ratio Lower Upper

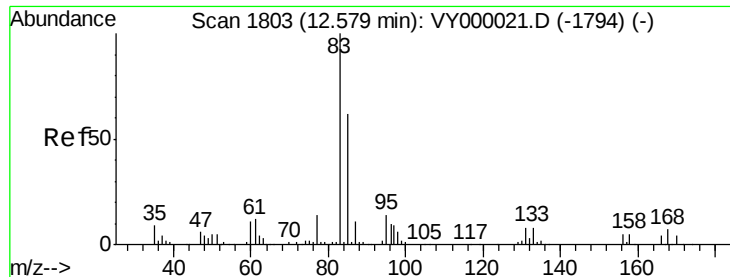
43 100

70 46.3 38.1 57.1

55 21.5 18.7 28.1

61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.852 ug/l

RT: 12.58 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

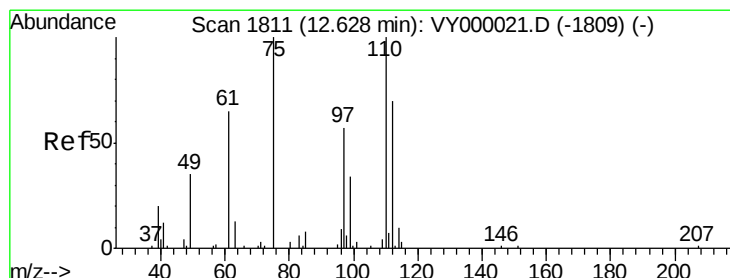
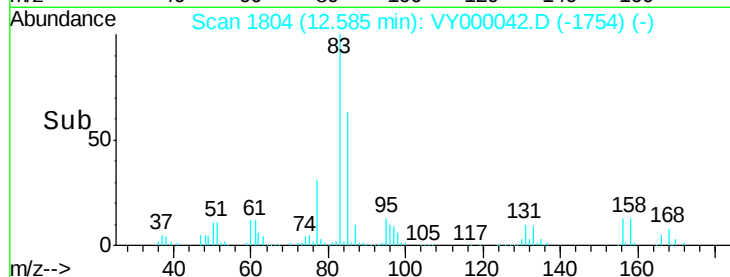
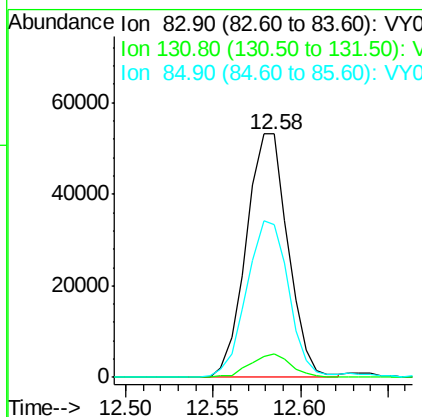
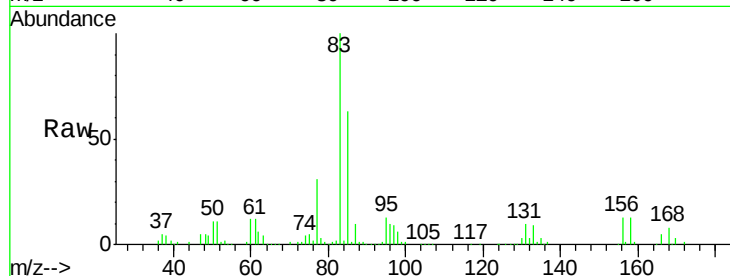
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	88348
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	64.7	31.8	95.3

Manual Integrations
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9/20/2019 1:02:12 AM



#76

1,2,3-Trichloropropane

Concen: 44.154 ug/l m

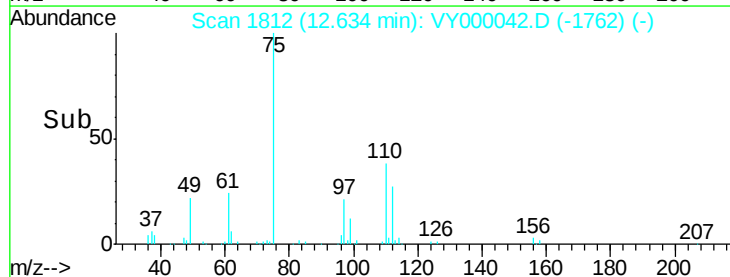
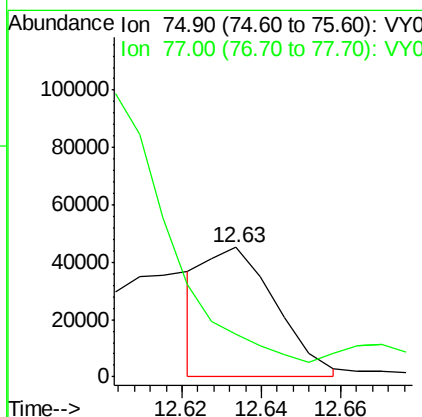
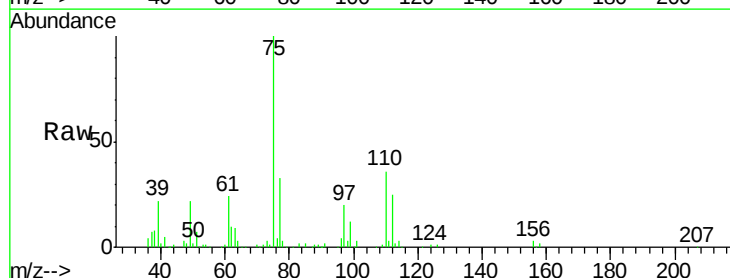
RT: 12.63 min Scan# 1812

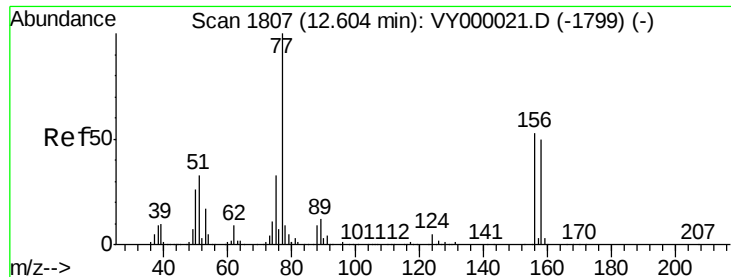
Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	75	Resp:	56117
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.615 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 82253

Ion Ratio Lower Upper

156 100

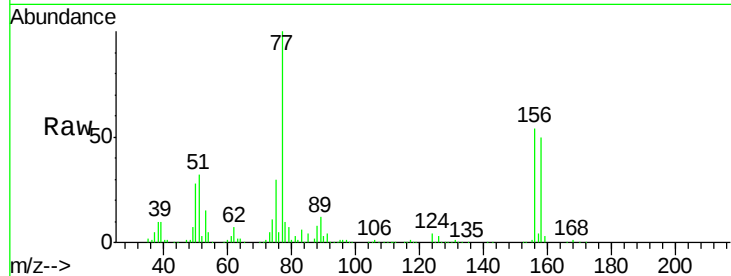
77 208.2 106.0 317.9

158 95.7 47.3 141.9

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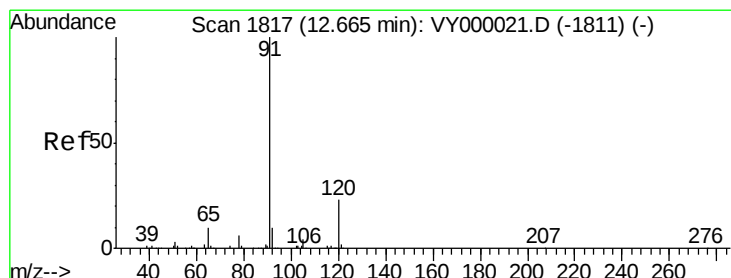
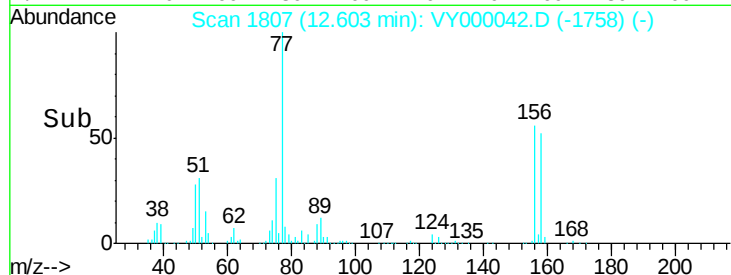
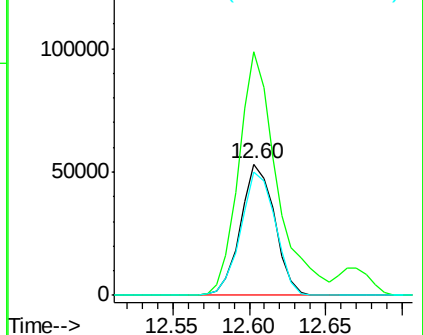
9/20/2019 1:02:12 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.140 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY000042.D

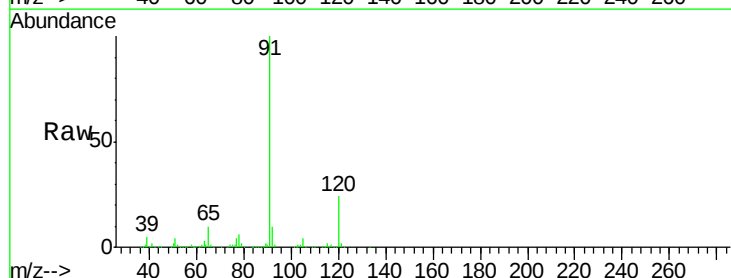
Acq: 16 Sep 2019 11:54

Tgt Ion: 91 Resp: 462579

Ion Ratio Lower Upper

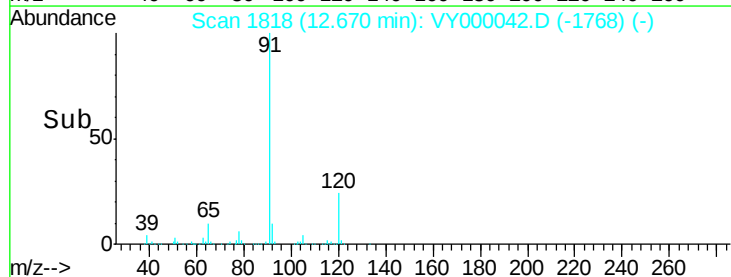
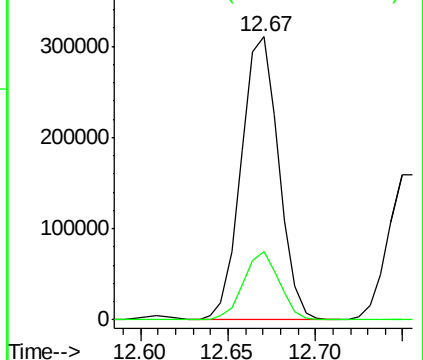
91 100

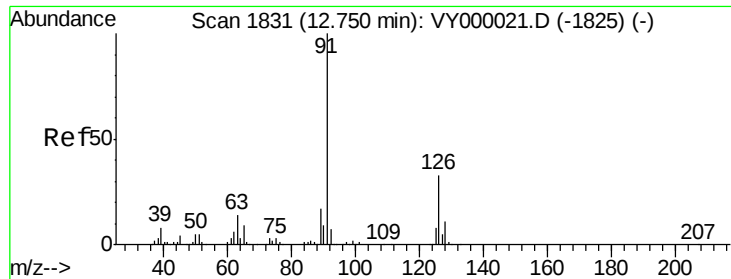
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.397 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 255119

Ion Ratio Lower Upper

91 100

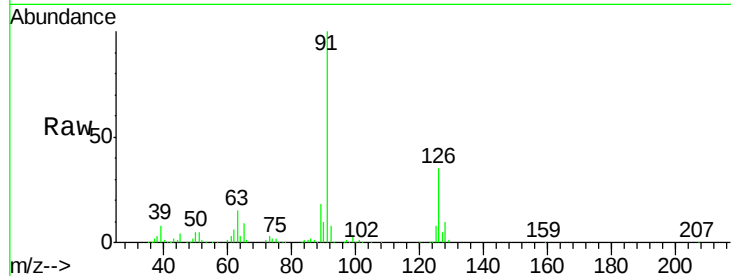
126 34.9 16.9 50.7

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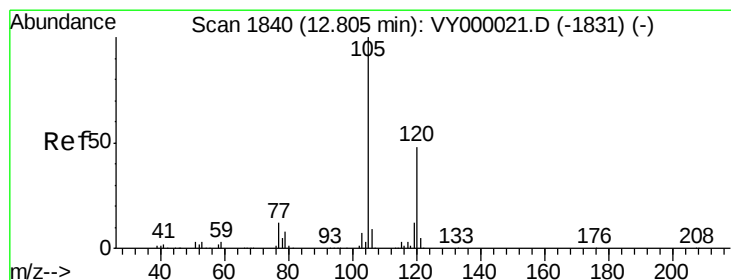
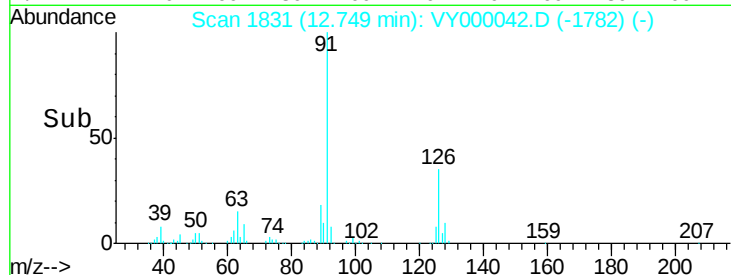
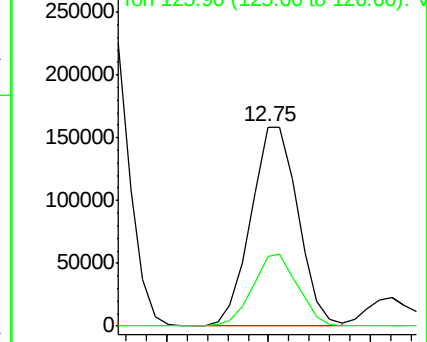
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Abundance Ion 91.00 (90.70 to 91.70): VY000021.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.119 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VY000042.D

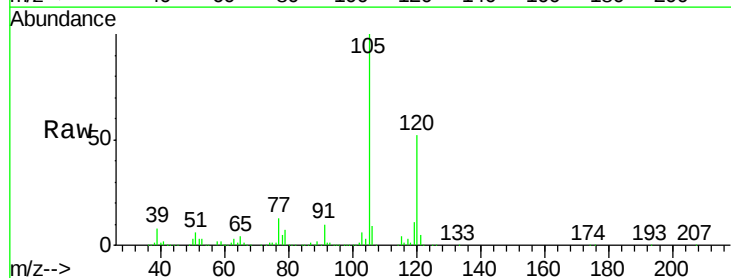
Acq: 16 Sep 2019 11:54

Tgt Ion: 105 Resp: 315928

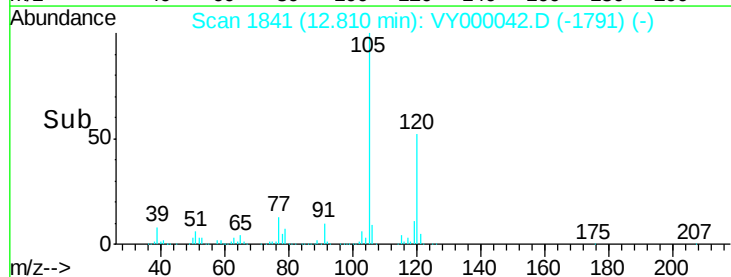
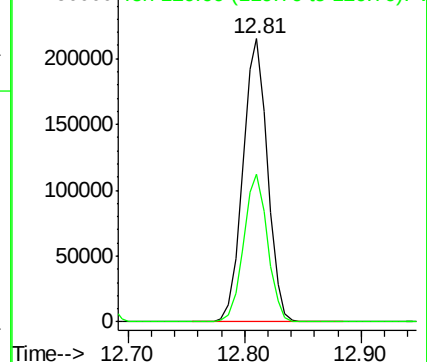
Ion Ratio Lower Upper

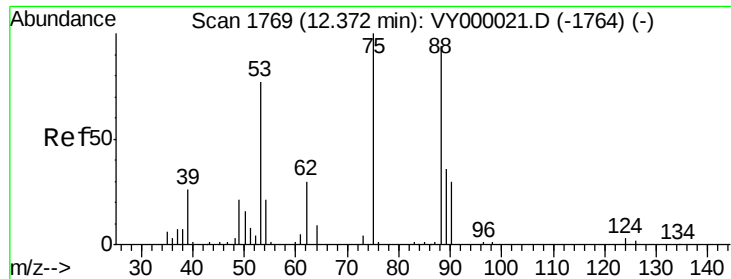
105 100

120 50.9 24.3 73.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 53.914 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

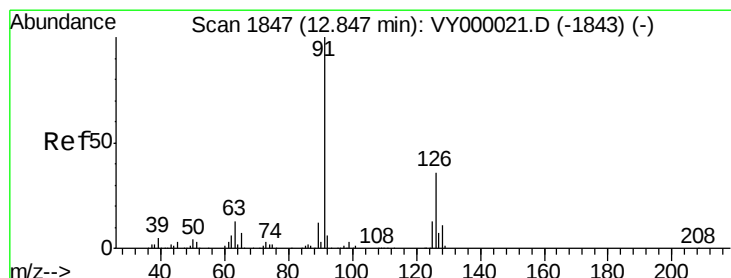
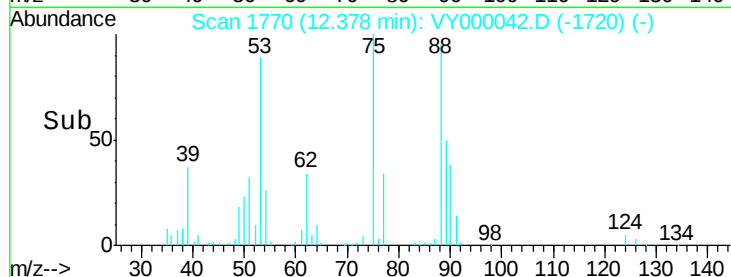
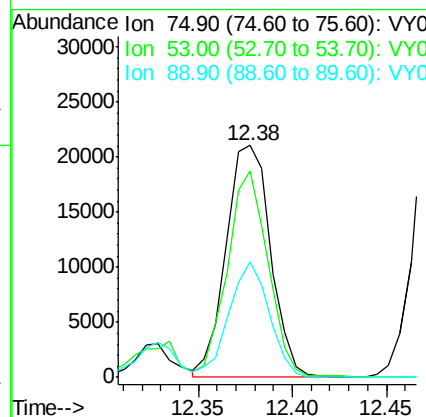
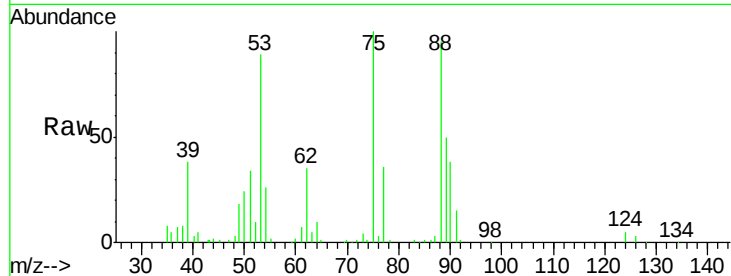
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	34545
Ion Ratio	Lower	Upper	
75	100		
53	81.4	64.2	96.2
89	44.9	35.5	53.3

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#82

4-Chlorotoluene

Concen: 53.429 ug/l

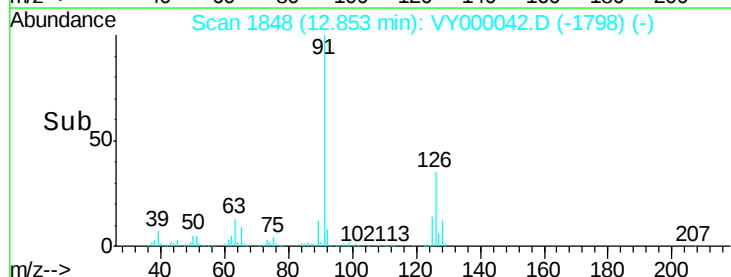
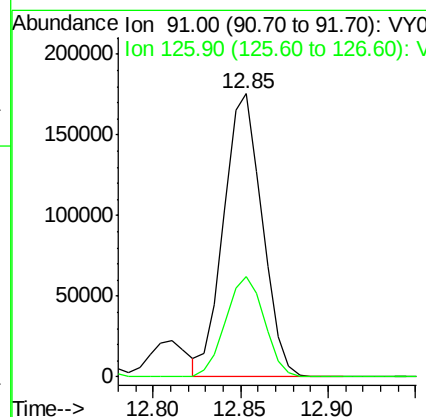
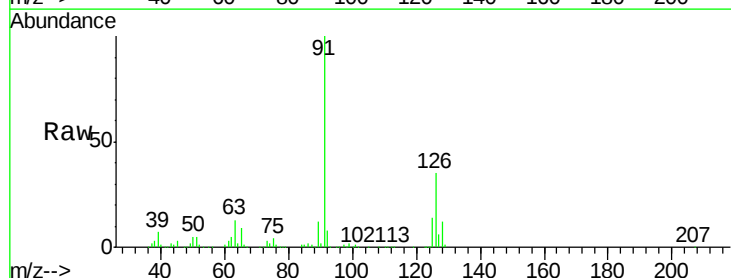
RT: 12.85 min Scan# 1848

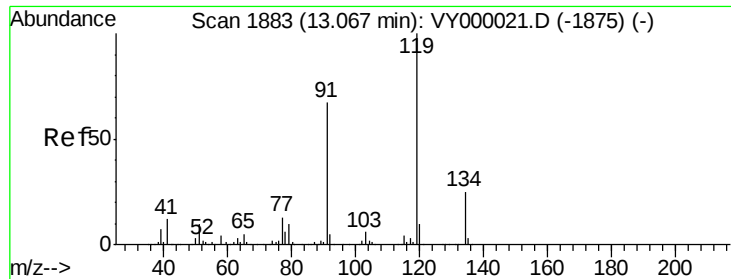
Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	91	Resp:	267914
Ion Ratio	Lower	Upper	
91	100		
126	35.7	17.2	51.5





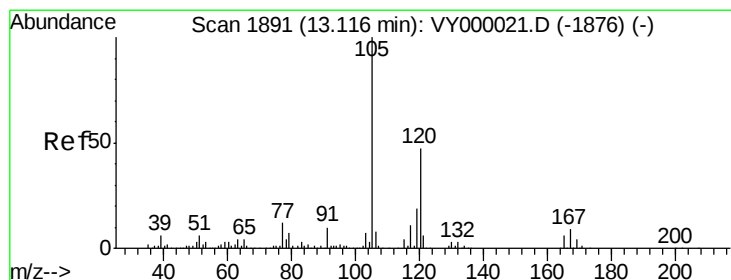
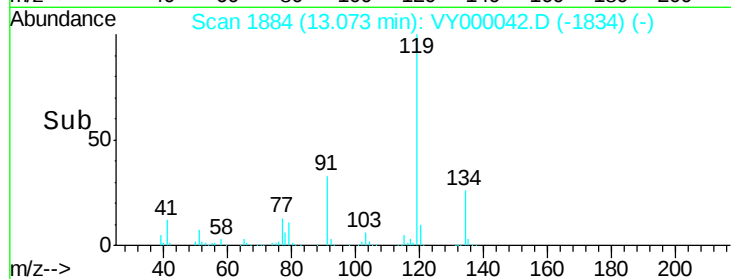
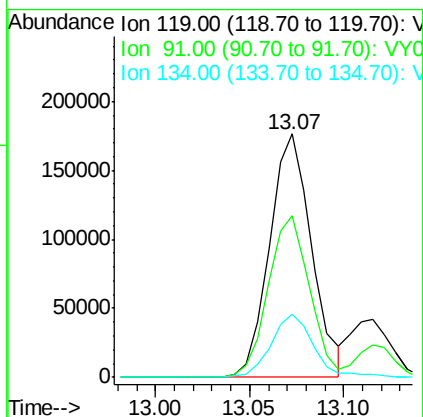
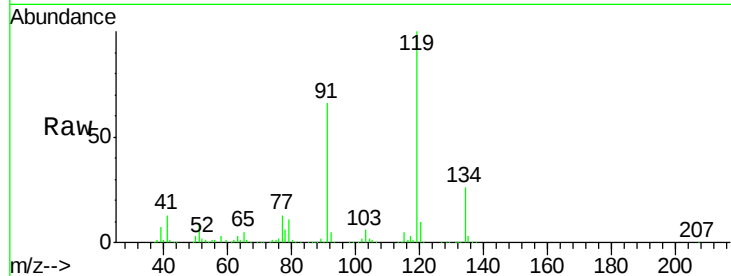
#83
tert-Butylbenzene
Concen: 54.447 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	273102		
91	65.0		33.1	99.5
134	26.4		13.5	40.5

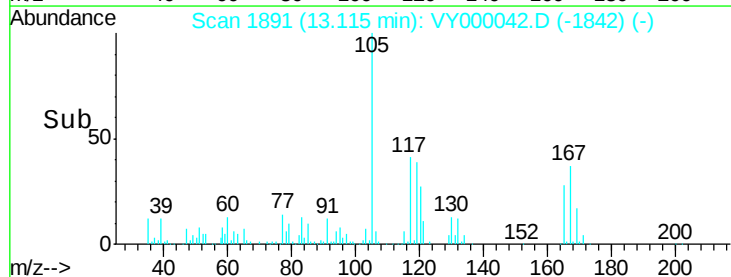
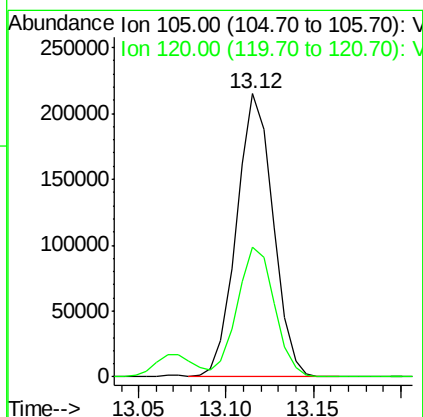
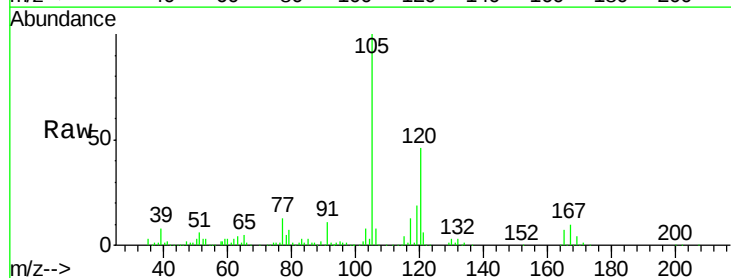
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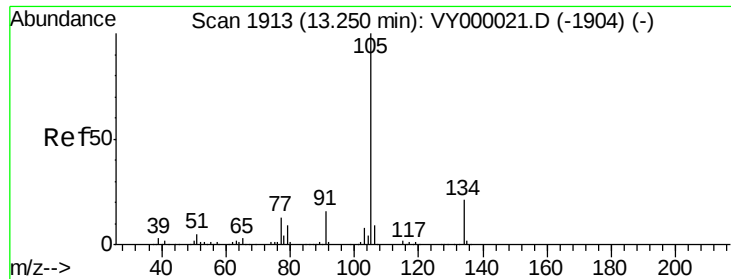
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#84
1,2,4-Trimethylbenzene
Concen: 54.133 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312160		
120	46.7		23.1	69.3





#85

sec-Butylbenzene

Concen: 54.339 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 402246

Ion Ratio Lower Upper

105 100

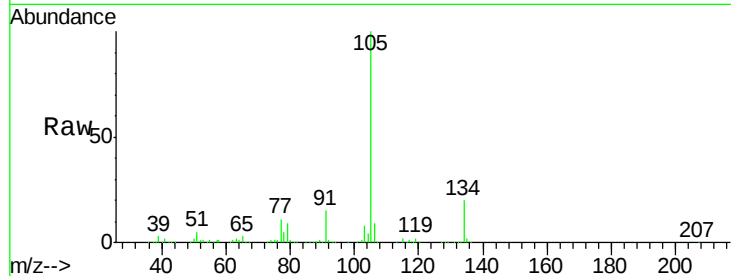
134 19.8 10.1 30.1

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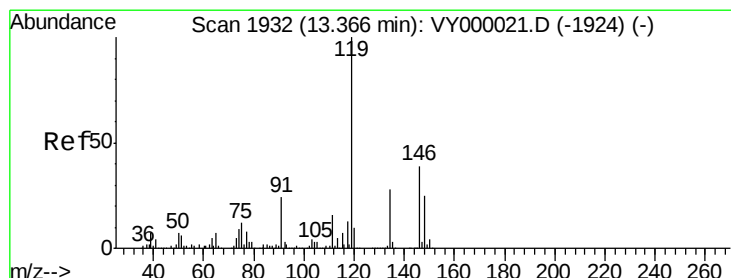
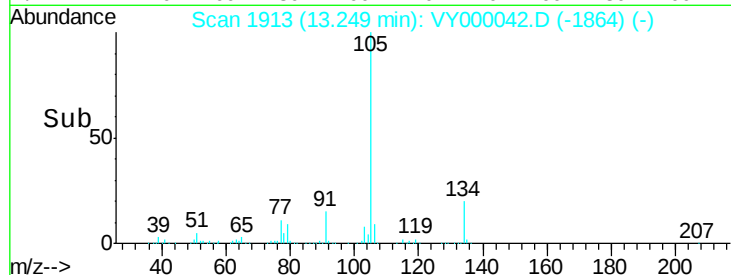
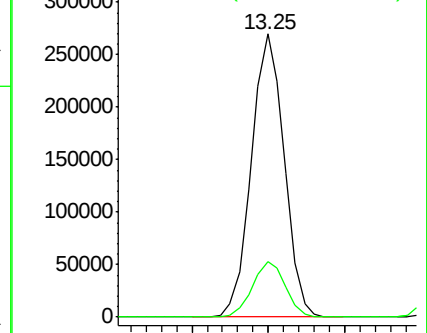
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.418 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

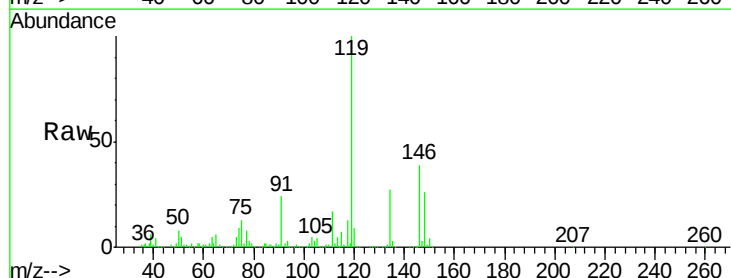
Tgt Ion:119 Resp: 348004

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.3

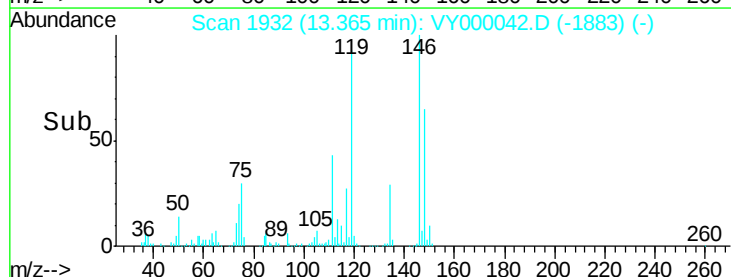
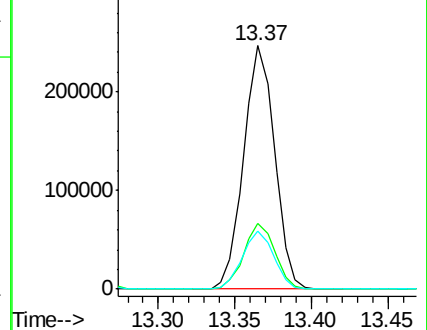
91 24.3 12.4 37.2

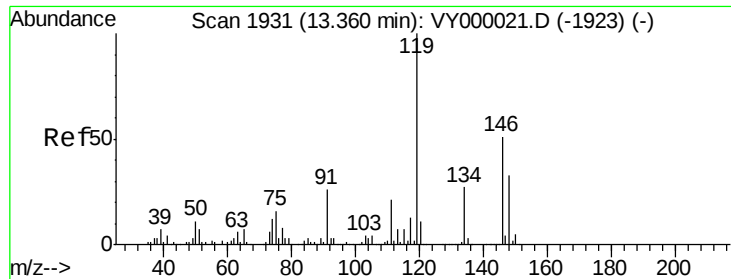


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





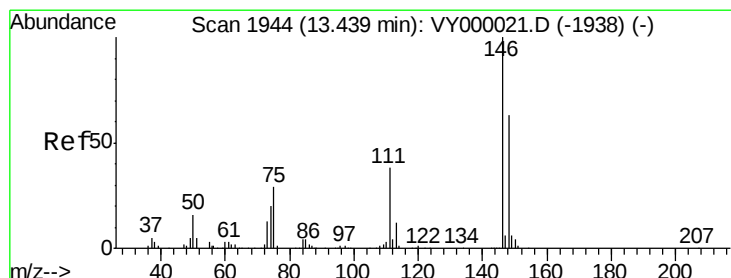
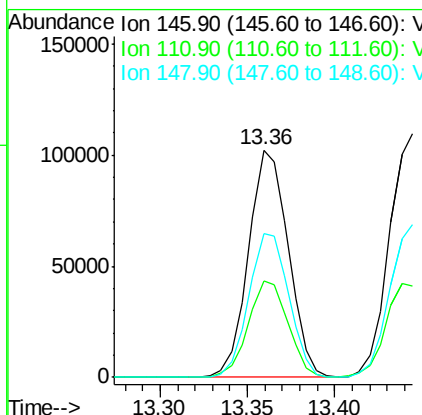
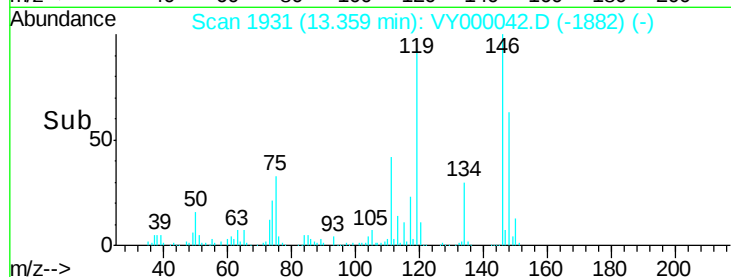
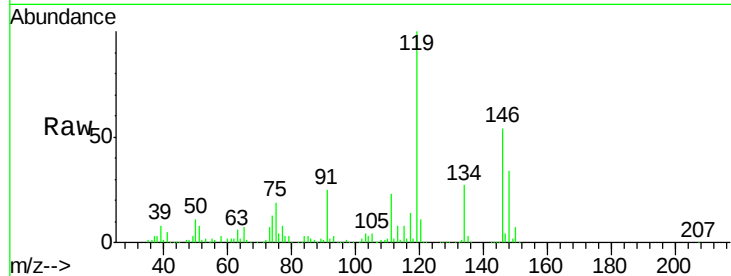
#87
 1,3-Dichlorobenzene
 Concen: 54.308 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	161650		
111	42.2	21.2	63.6	
148	63.9	32.1	96.5	

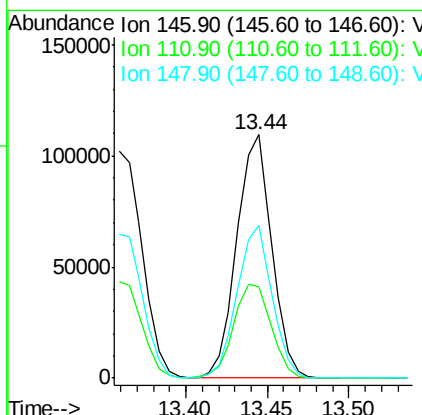
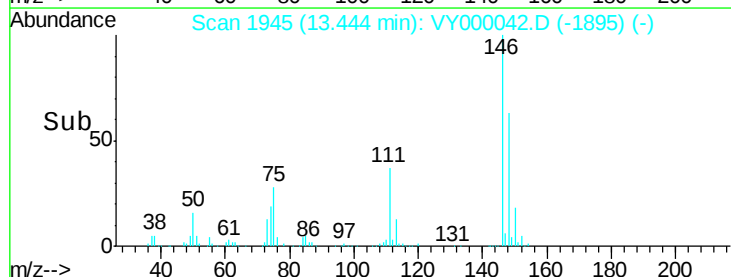
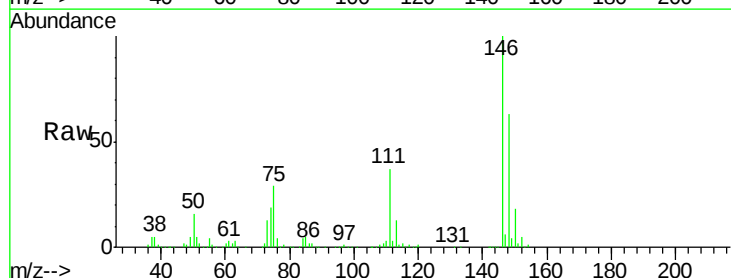
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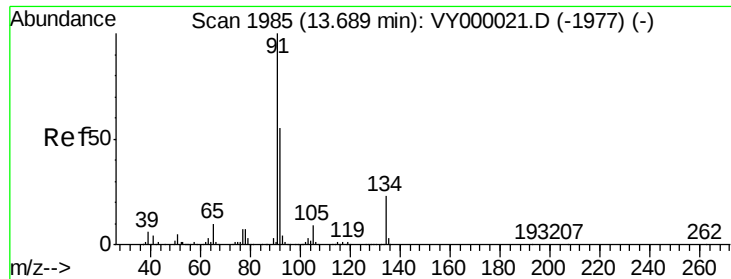
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#88
 1,4-Dichlorobenzene
 Concen: 54.893 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	164425		
111	41.2	20.3	60.9	
148	62.6	31.7	95.1	





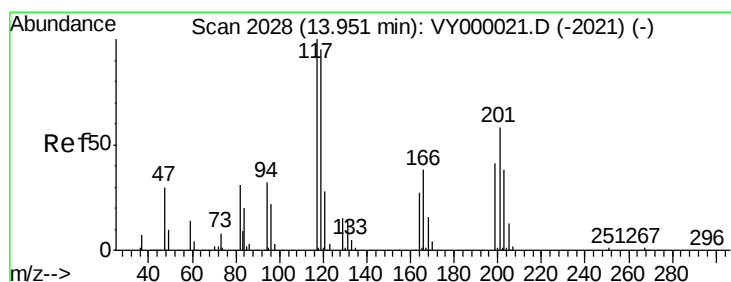
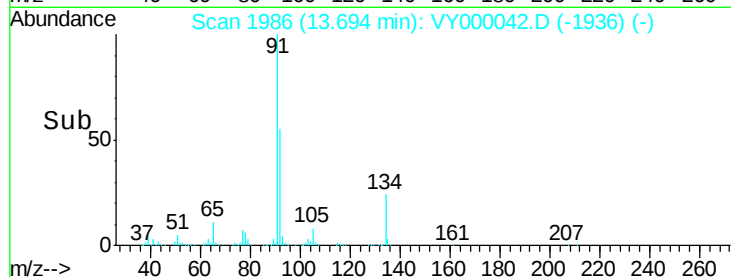
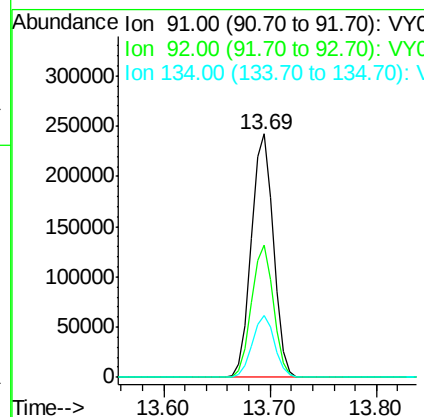
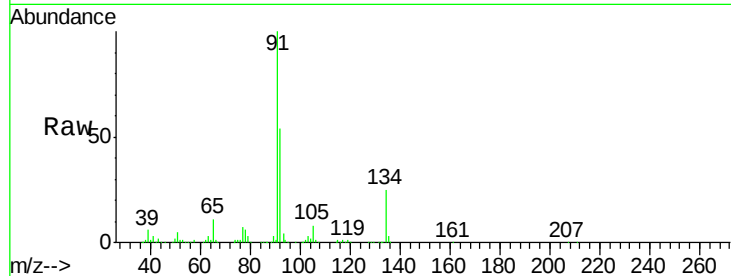
#89
n-Butylbenzene
Concen: 55.452 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	25.7	12.6	37.6

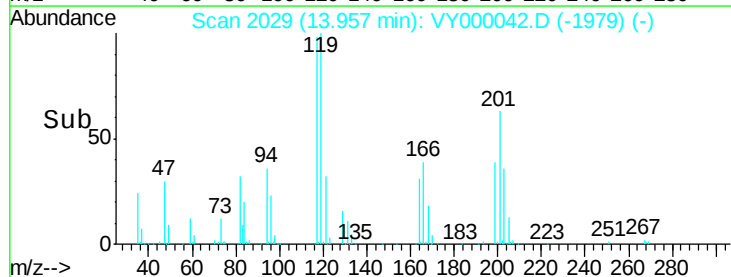
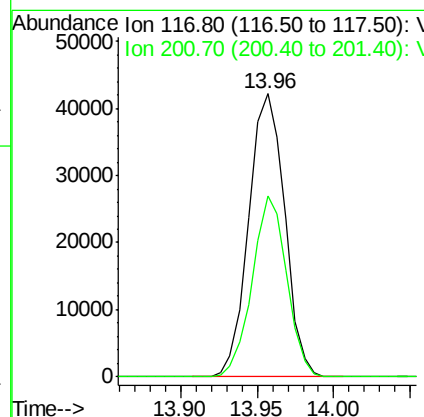
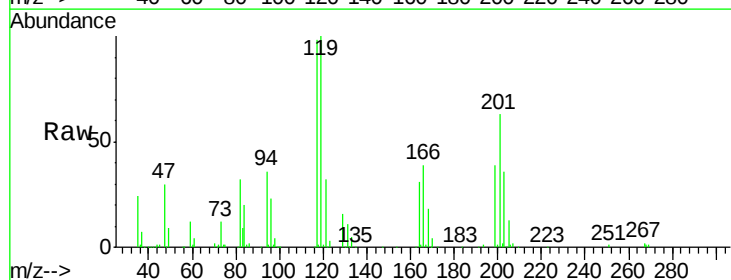
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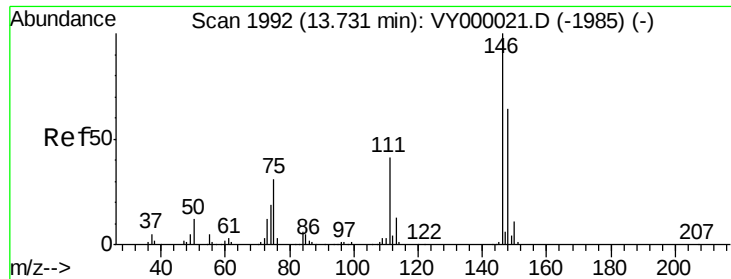
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#90
Hexachloroethane
Concen: 55.040 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VY000042.D
Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.3	31.4	94.0





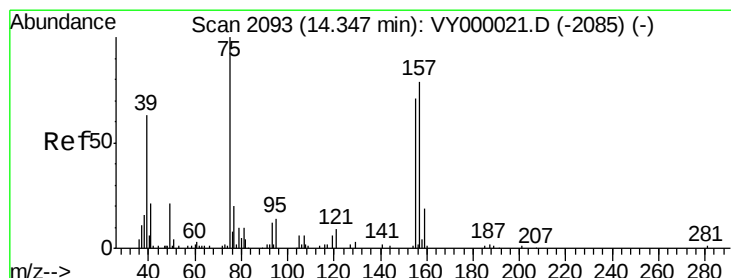
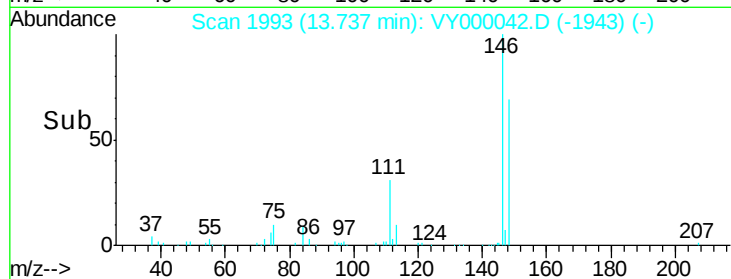
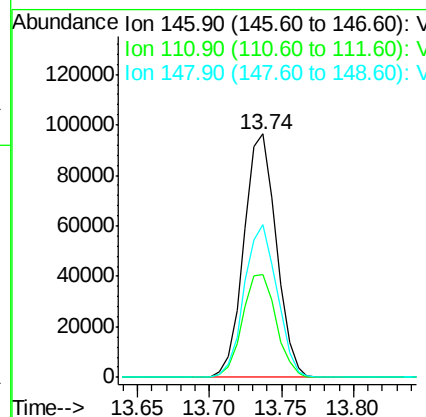
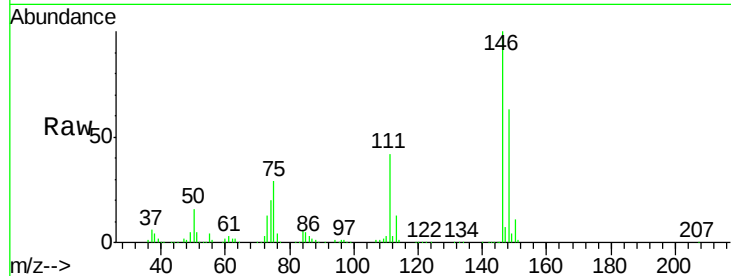
#91
 1,2-Dichlorobenzene
 Concen: 54.254 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.0	63.0
148	63.3	31.6	95.0

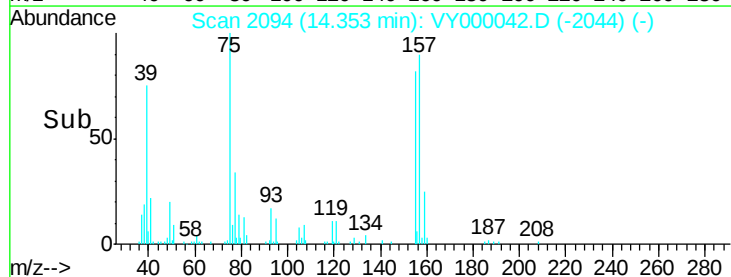
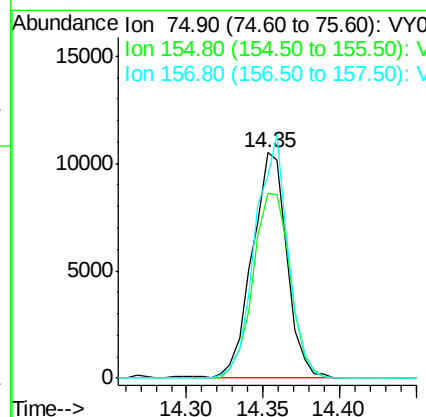
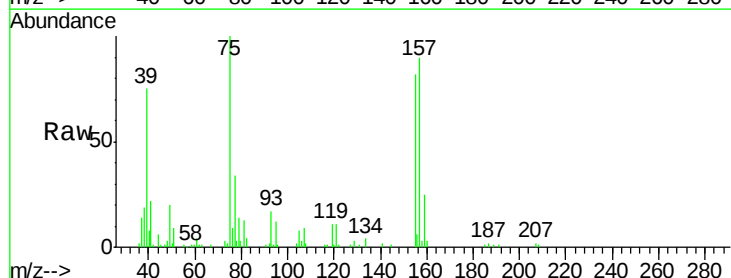
Manual Integrations
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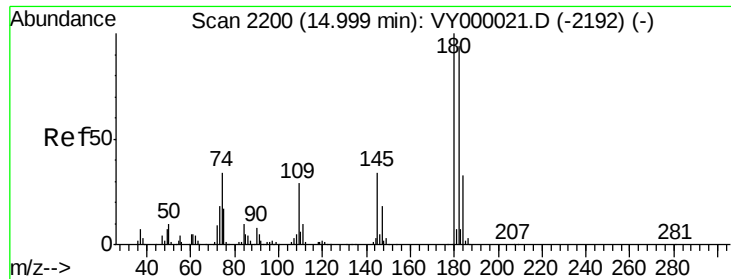
MMDadoda
 9/20/2019 1:02:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.023 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	41.8	125.3
157	101.6	51.3	153.9





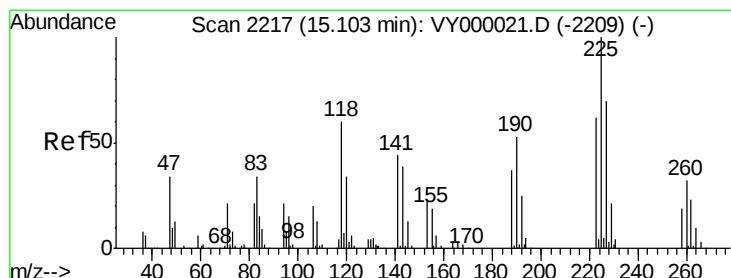
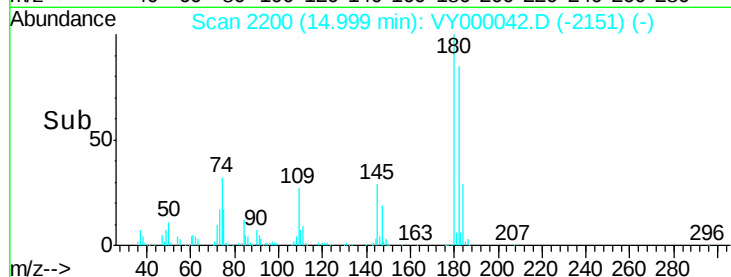
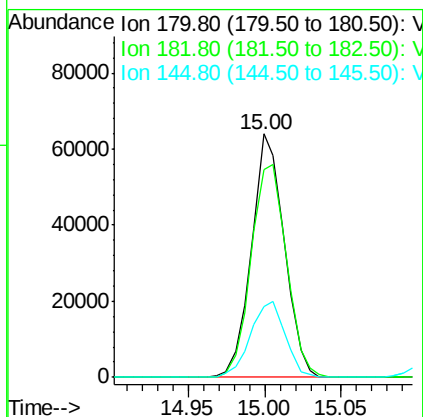
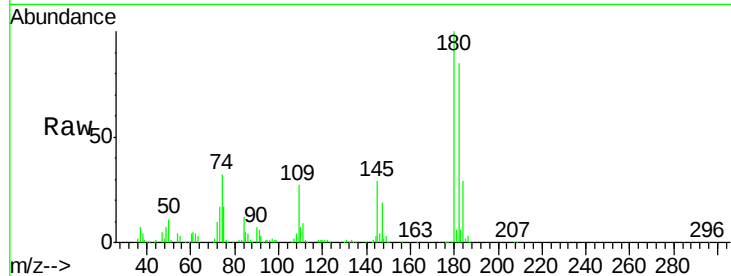
#93
 1,2,4-Trichlorobenzene
 Concen: 54.069 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	95571		
182	94.5	47.0	141.0	
145	33.1	16.7	50.1	

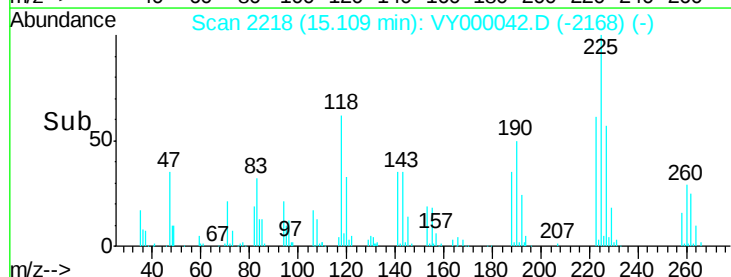
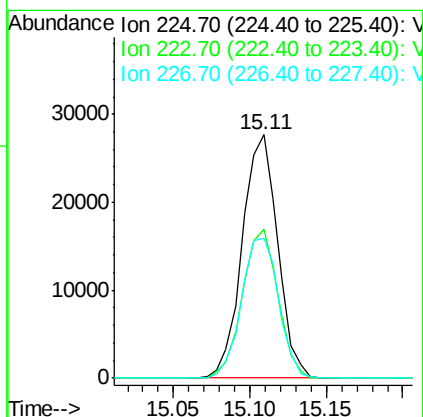
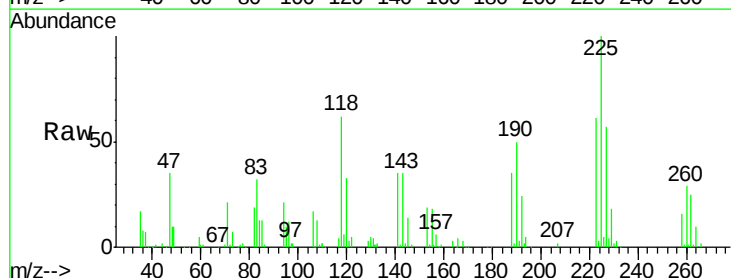
Manual Integrations
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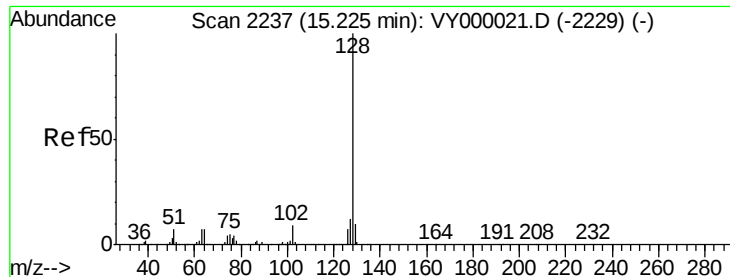
MMDadoda
 9/20/2019 1:02:12 AM



#94
 Hexachlorobutadiene
 Concen: 54.847 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000042.D
 Acq: 16 Sep 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44465		
223	61.4	30.9	92.7	
227	60.1	31.0	93.0	





#95

Naphthalene

Concen: 53.769 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Instrument :

MSVOA_Y

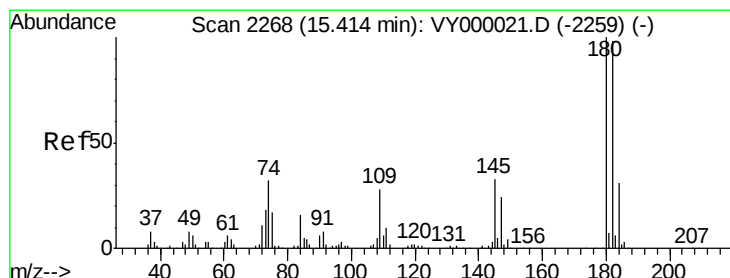
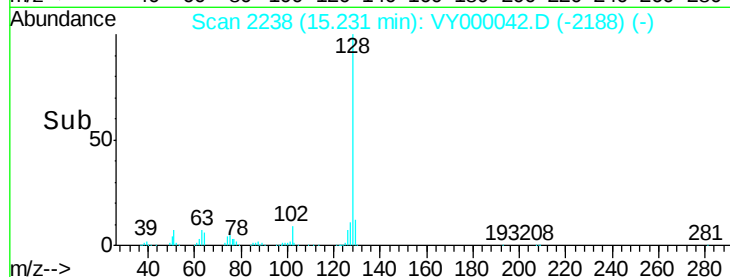
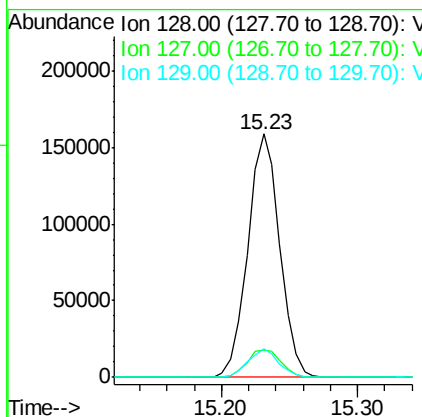
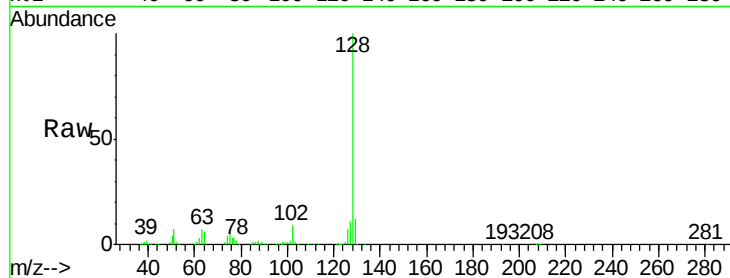
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	260009
Ion Ratio	Lower	Upper	
128	100		
127	12.0	9.8	14.8
129	11.2	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 55.617 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. 0.01 min

Lab File: VY000042.D

Acq: 16 Sep 2019 11:54

Tgt Ion:	180	Resp:	88250
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.8	140.4
145	32.0	17.3	51.7

