

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121919\
 Data File : VY001014.D
 Acq On : 19 Dec 2019 17:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/20/2019 10:37:11 AM

Quant Time: Dec 20 04:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	454218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	137319	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.73	113	132499	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.17	98	539875	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.47	95	186154	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	105438	38.053	ug/l	93
3) Chloromethane	2.12	50	143959	42.149	ug/l	100
4) Vinyl Chloride	2.25	62	146630	43.561	ug/l	98
5) Bromomethane	2.65	94	94615	46.293	ug/l	92
6) Chloroethane	2.79	64	93537	45.322	ug/l	98
7) Trichlorofluoromethane	3.13	101	211089	45.758	ug/l	97
8) Diethyl Ether	3.53	74	93939	54.104	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	141938	49.824	ug/l	99
10) Methyl Iodide	4.09	142	191467	53.382	ug/l	97
11) Tert butyl alcohol	4.97	59	74950	272.380	ug/l	100
12) 1,1-Dichloroethene	3.88	96	140413	49.753	ug/l	92
13) Acrolein	3.73	56	69498	256.396	ug/l	98
14) Allyl chloride	4.49	41	242611	50.135	ug/l	96
15) Acrylonitrile	5.18	53	261331	291.482	ug/l	98
16) Acetone	3.96	43	168903	269.204	ug/l	100
17) Carbon Disulfide	4.20	76	405680	44.445	ug/l	100
18) Methyl Acetate	4.48	43	151962	57.925	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	421124	55.873	ug/l	97
20) Methylene Chloride	4.72	84	172216	52.072	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	162814	50.756	ug/l	98
22) Diisopropyl ether	6.13	45	528938	53.181	ug/l	99
23) Vinyl Acetate	6.07	43	1654760	273.674	ug/l	96
24) 1,1-Dichloroethane	6.02	63	289944	52.892	ug/l	96
25) 2-Butanone	6.99	43	310073	267.533	ug/l	96
26) 2,2-Dichloropropane	6.99	77	222864	48.304	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	185983	53.637	ug/l	97
28) Bromochloromethane	7.34	49	121465	60.013	ug/l	96
29) Tetrahydrofuran	7.35	42	220981	287.728	ug/l	99
30) Chloroform	7.51	83	274870	49.984	ug/l	94
31) Cyclohexane	7.79	56	266299	45.857	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	227820	50.170	ug/l	99
36) 1,1-Dichloropropene	7.93	75	221755	49.101	ug/l	100
37) Ethyl Acetate	7.08	43	142947	54.816	ug/l	100
38) Carbon Tetrachloride	7.91	117	195586	48.628	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	282647	47.237	ug/l	97
40) Benzene	8.17	78	683355	51.946	ug/l	97
41) Methacrylonitrile	7.33	41	74304m	54.061	ug/l	
42) 1,2-Dichloroethane	8.24	62	172521	49.866	ug/l	98
43) Isopropyl Acetate	8.28	43	263714	53.663	ug/l	99
44) Trichloroethene	8.94	130	174213	51.529	ug/l	94
45) 1,2-Dichloropropane	9.22	63	180152	54.519	ug/l	99
46) Dibromomethane	9.31	93	95084	55.073	ug/l	99
47) Bromodichloromethane	9.50	83	218713	53.926	ug/l	100
48) Methyl methacrylate	9.30	41	112385	52.007	ug/l	91
49) 1,4-Dioxane	9.30	88	29101	1189.585	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	704337	277.397	ug/l	99
52) Toluene	10.24	92	423892	52.042	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	237671	54.544	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	274343	53.265	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	140964	55.263	ug/l	93
56) Ethyl methacrylate	10.50	69	207253	56.797	ug/l	97
57) 1,3-Dichloropropane	10.78	76	244205	54.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	381368	259.202	ug/l	99
59) 2-Hexanone	10.83	43	483093	261.106	ug/l	97
60) Dibromochloromethane	10.98	129	150206	54.701	ug/l	99
61) 1,2-Dibromoethane	11.08	107	133168	55.395	ug/l	97
64) Tetrachloroethene	10.72	164	184556	51.923	ug/l	95
65) Chlorobenzene	11.51	112	440264	51.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	153469	53.551	ug/l	99
67) Ethyl Benzene	11.59	91	802652	50.680	ug/l	97
68) m/p-Xylenes	11.70	106	601064	101.112	ug/l	100
69) o-Xylene	12.02	106	291980	52.678	ug/l	96
70) Styrene	12.04	104	501560	52.847	ug/l	98
71) Bromoform	12.20	173	89328	55.265	ug/l #	100
73) Isopropylbenzene	12.32	105	758577	50.298	ug/l	99
74) N-amyl acetate	12.14	43	214377	51.069	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	162886	54.813	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	124846m	58.174	ug/l	
77) Bromobenzene	12.60	156	171671	52.512	ug/l	99
78) n-propylbenzene	12.66	91	923553	50.152	ug/l	99
79) 2-Chlorotoluene	12.75	91	509799	50.111	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	624602	50.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	59845	54.776	ug/l	97
82) 4-Chlorotoluene	12.84	91	525840	50.169	ug/l	98
83) tert-Butylbenzene	13.07	119	526635	50.162	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	627573	50.233	ug/l	99
85) sec-Butylbenzene	13.25	105	778348	50.977	ug/l	100
86) p-Isopropyltoluene	13.36	119	668973	50.373	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	322226	50.244	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	325181	51.210	ug/l	99
89) n-Butylbenzene	13.69	91	662162	49.315	ug/l	99
90) Hexachloroethane	13.95	117	127057	51.936	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	301837	52.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	25799	51.857	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	198150	50.763	ug/l	99
94) Hexachlorobutadiene	15.11	225	95322	49.254	ug/l	98
95) Naphthalene	15.23	128	479370	52.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	177353	50.866	ug/l	99

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

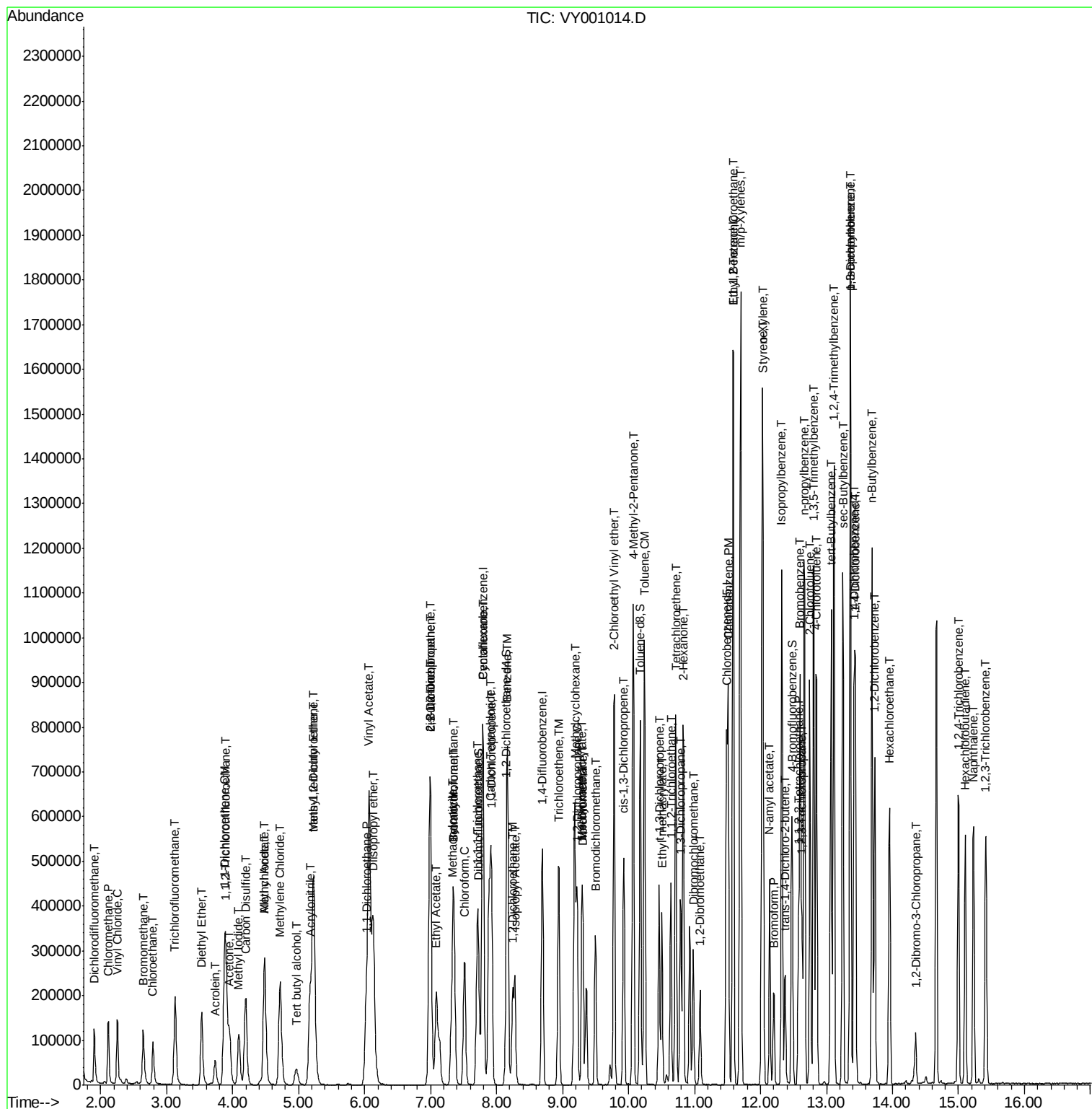
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121919\
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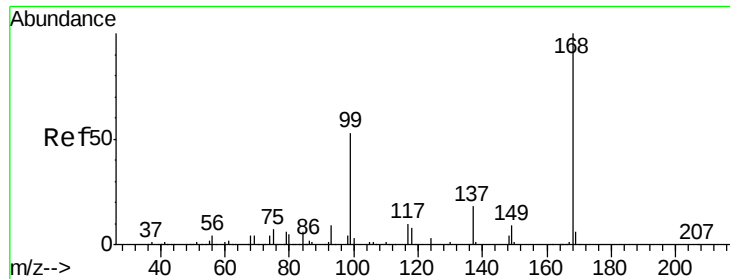
Instrument :
MSVOA_Y
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#1

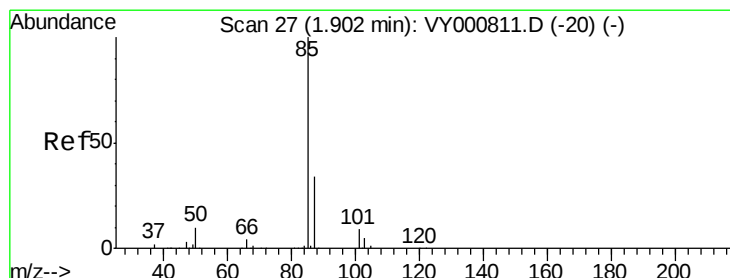
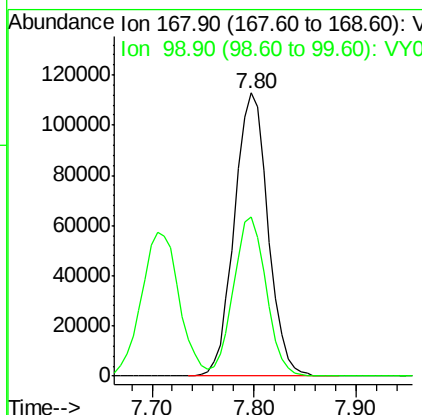
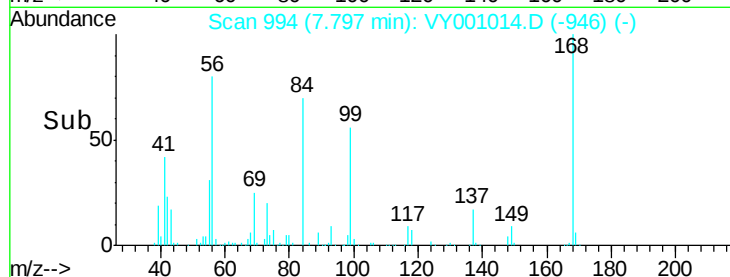
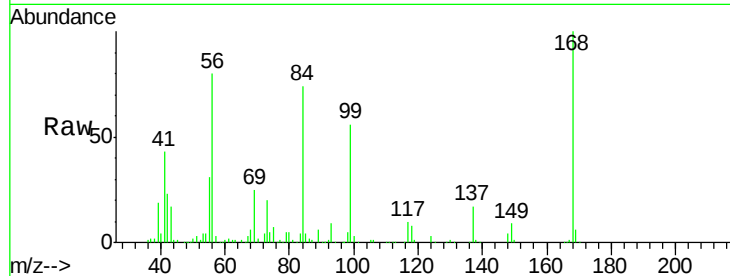
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.0	45.0	67.6

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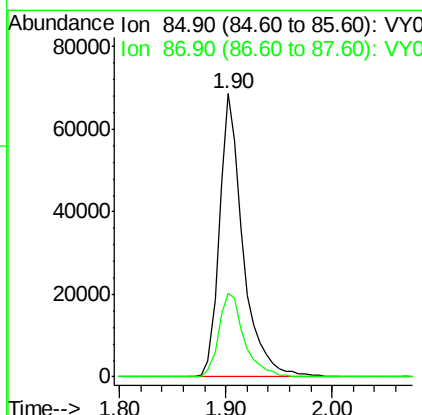
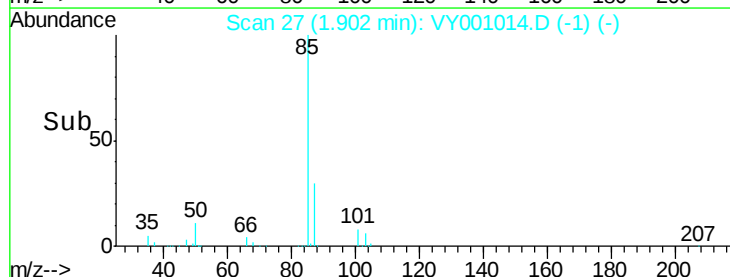
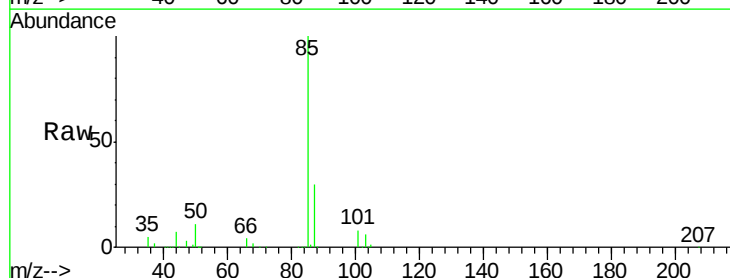
MMDadoda
 12/20/2019 10:37:11 AM

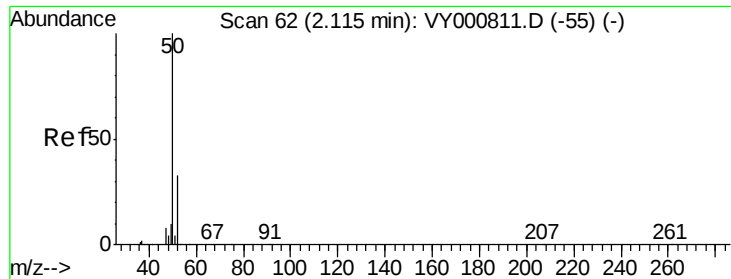


#2

Dichlorodifluoromethane
 Concen: 38.053 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.7	16.8	50.3





#3

Chloromethane

Concen: 42.149 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 143959

Ion Ratio Lower Upper

50 100

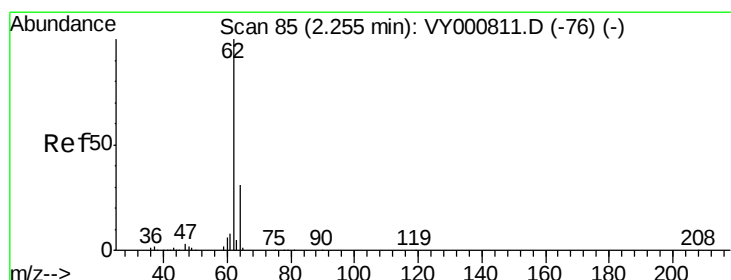
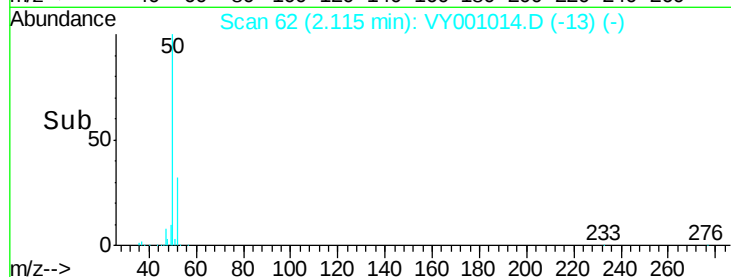
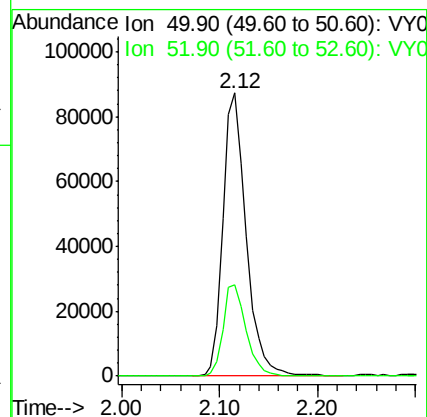
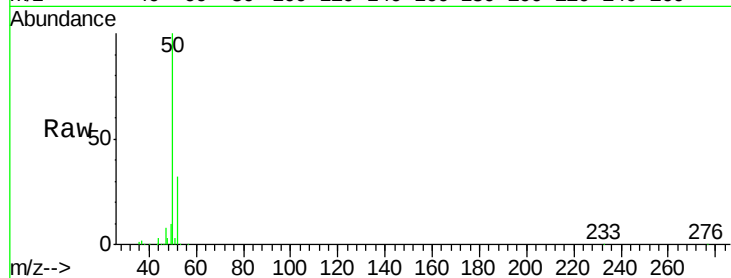
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.561 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001014.D

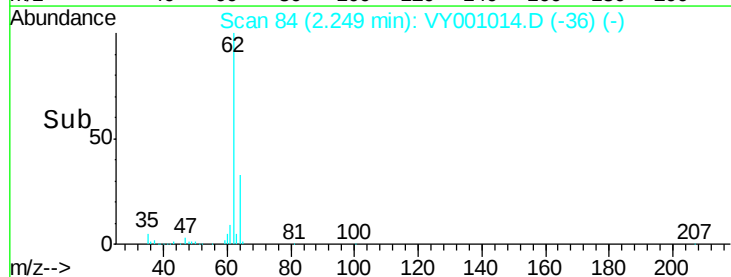
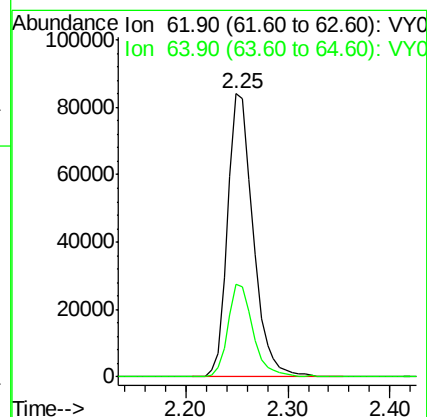
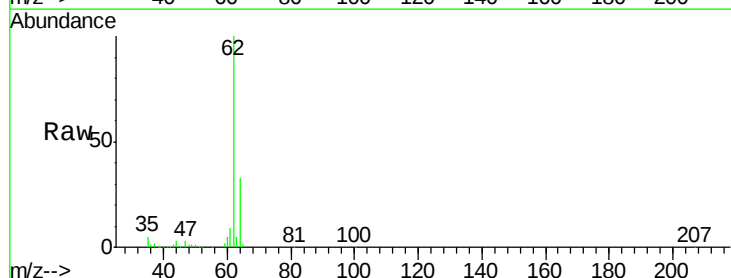
Acq: 19 Dec 2019 17:25

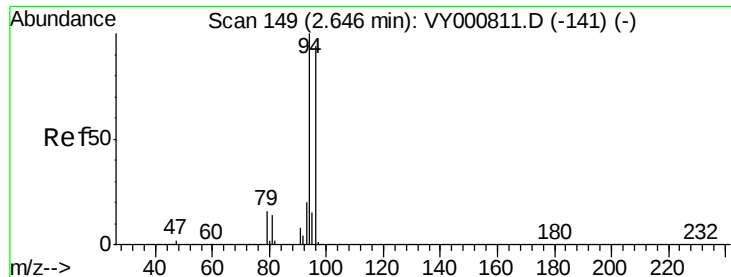
Tgt Ion: 62 Resp: 146630

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 46.293 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 94615

Ion Ratio Lower Upper

94 100

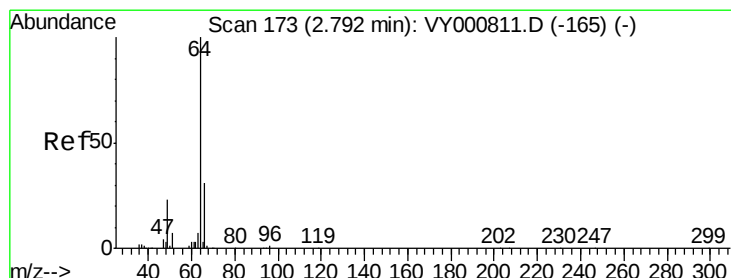
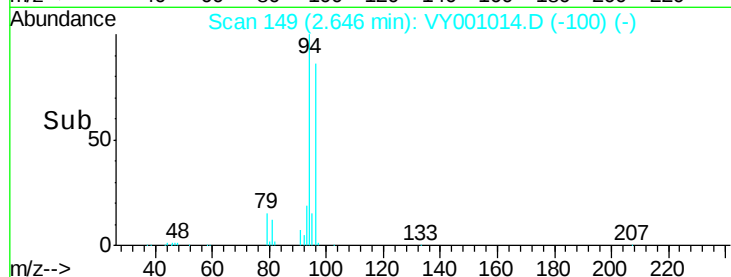
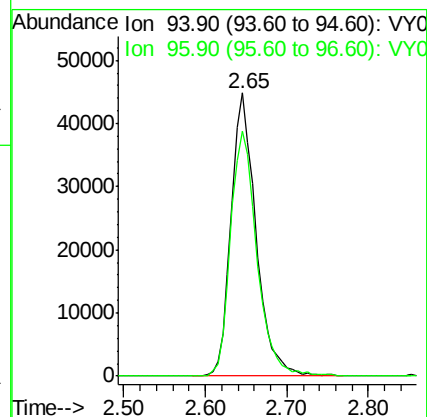
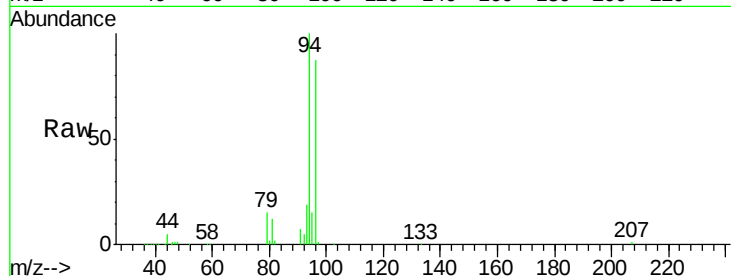
96 86.6 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 45.322 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY001014.D

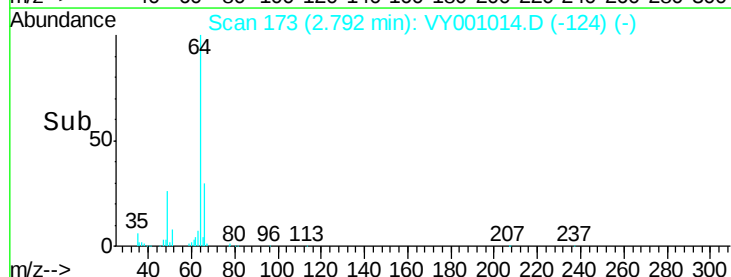
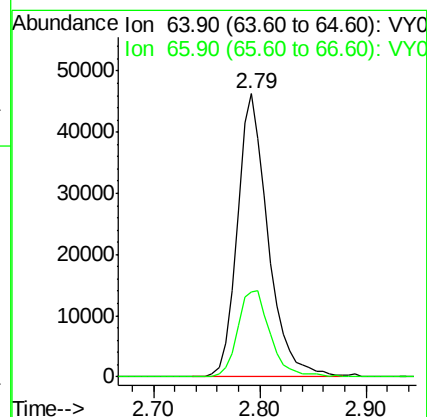
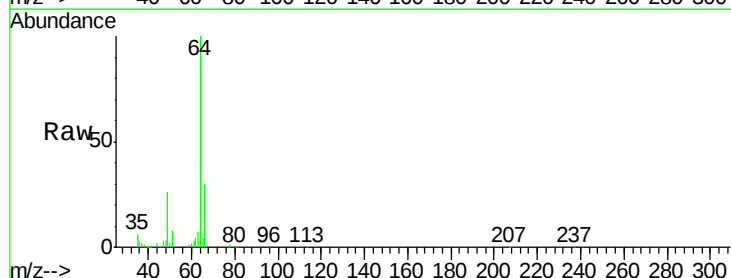
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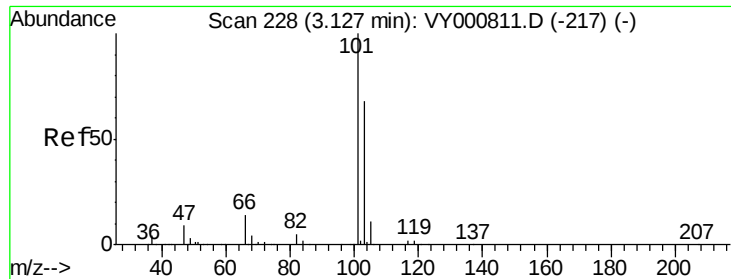
Tgt Ion: 64 Resp: 93537

Ion Ratio Lower Upper

64 100

66 30.1 25.0 37.4





#7

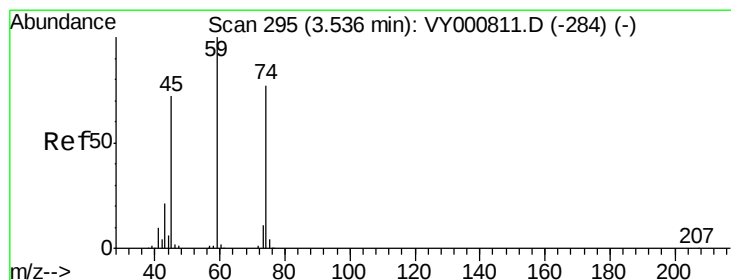
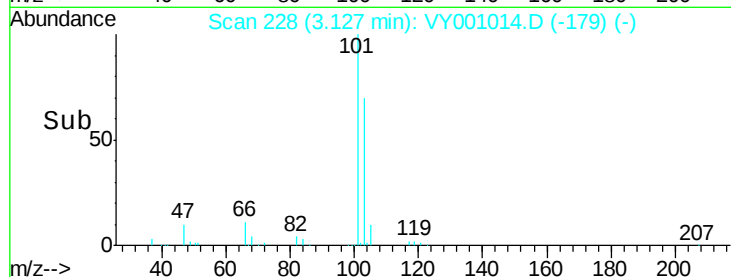
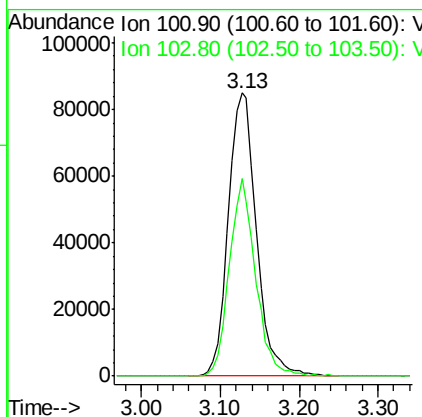
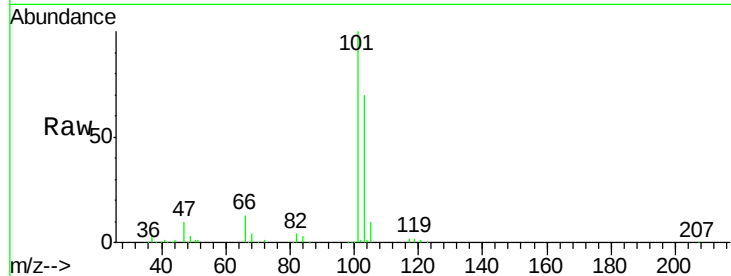
Trichlorofluoromethane
 Concen: 45.758 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	70.0	54.2	81.2

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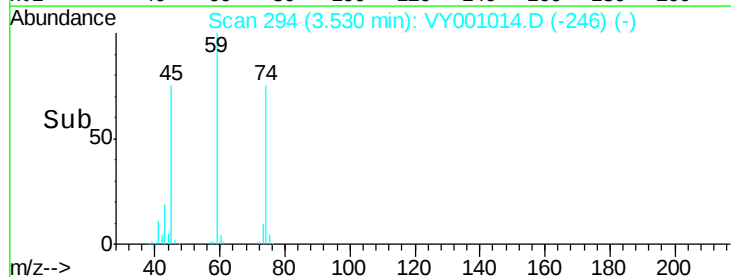
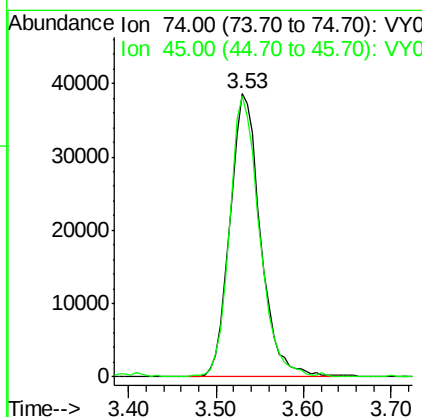
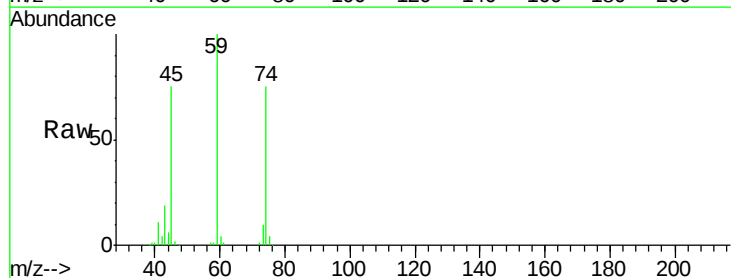
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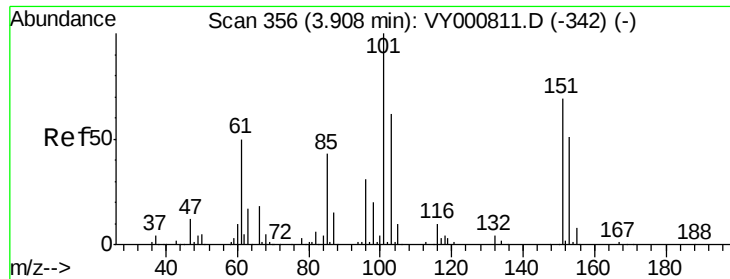


#8

Diethyl Ether
 Concen: 54.104 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.824 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

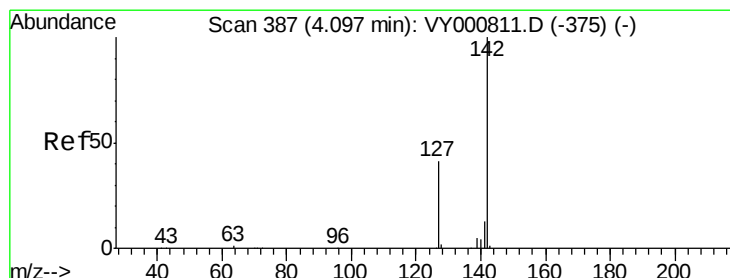
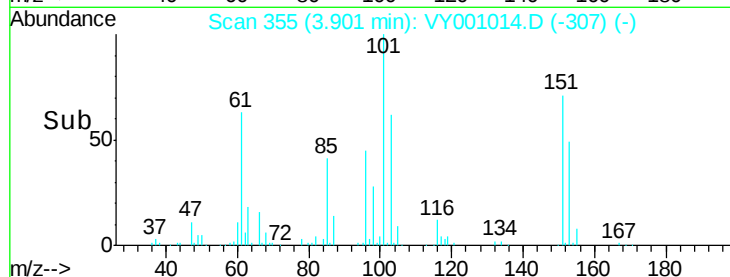
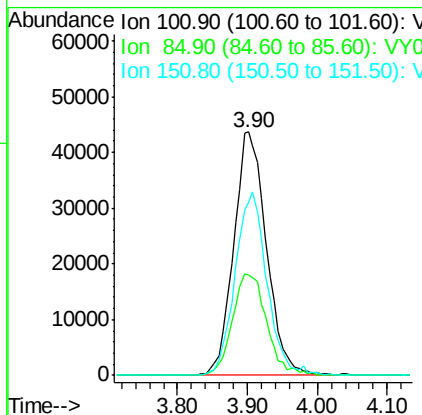
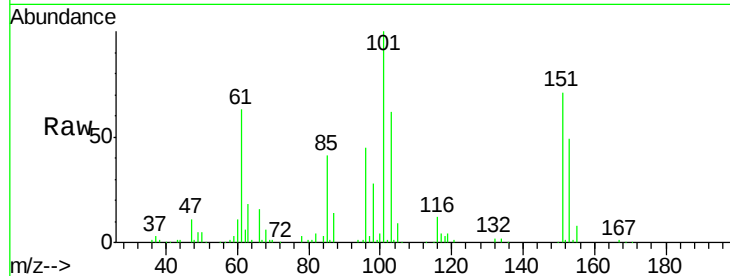
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	141938
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	73.4	58.2	87.2

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#10

Methyl Iodide

Concen: 53.382 ug/l

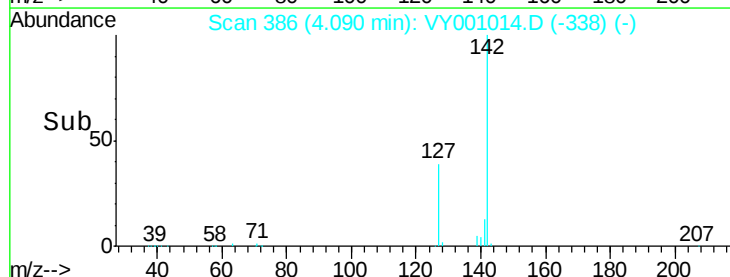
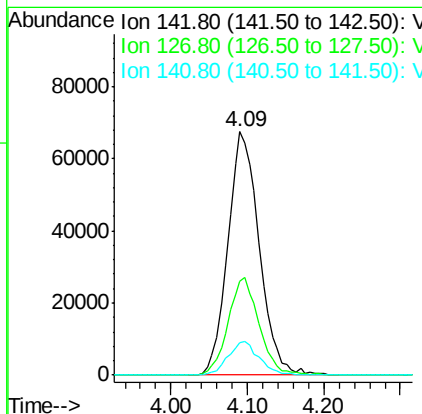
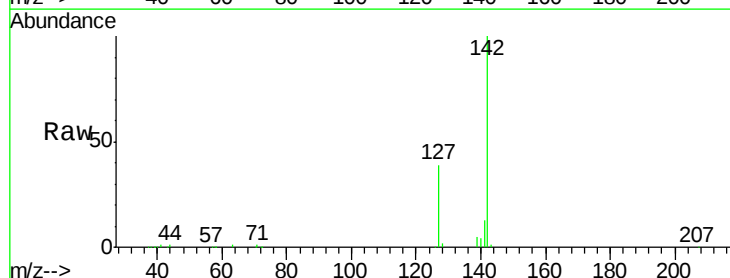
RT: 4.09 min Scan# 386

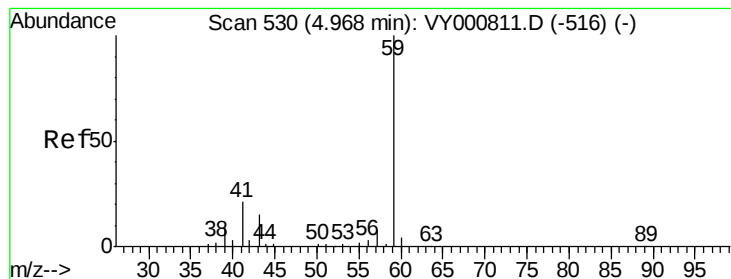
Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Tgt Ion:	142	Resp:	191467
Ion Ratio	Lower	Upper	
142	100		
127	39.4	33.8	50.8
141	13.6	10.9	16.3





#11

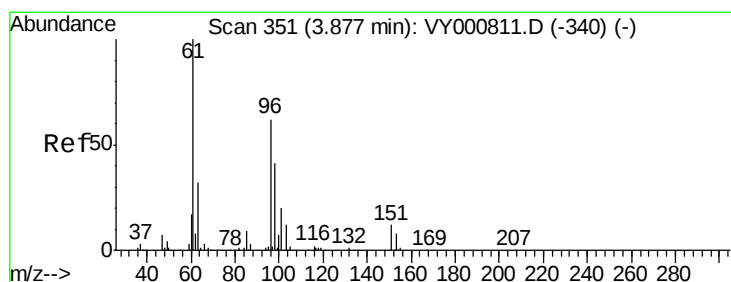
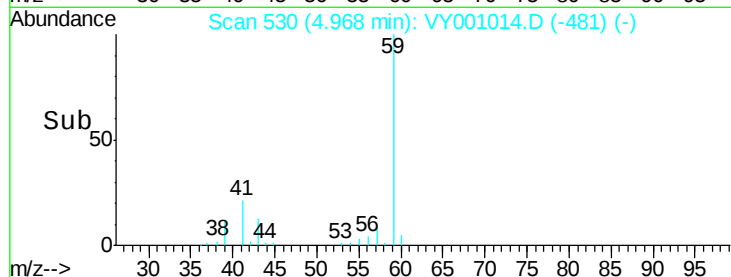
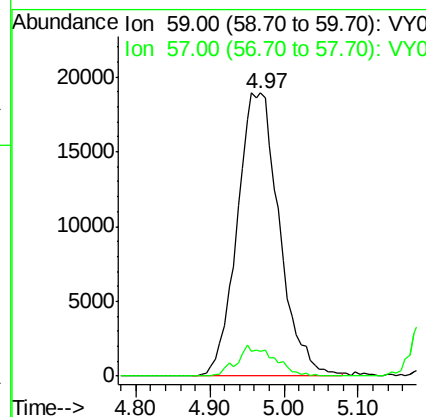
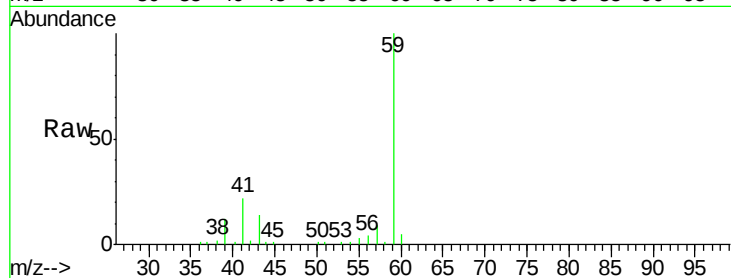
Tert butyl alcohol
 Concen: 272.380 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	74950		
57	9.6		7.8	11.6

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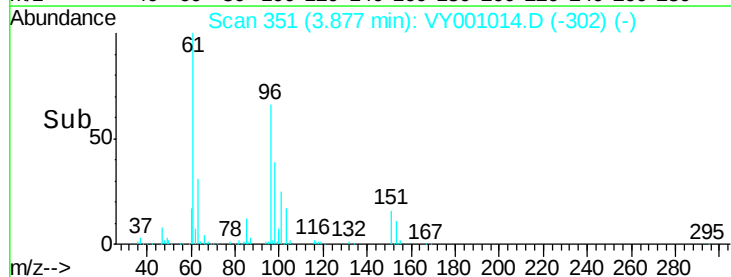
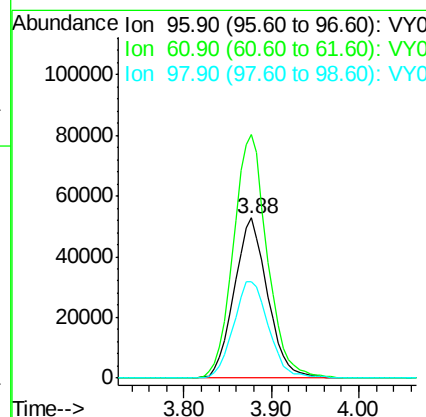
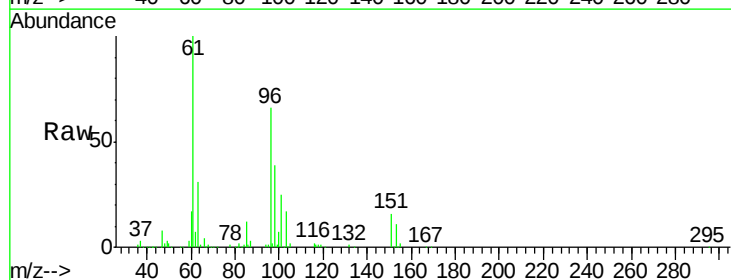
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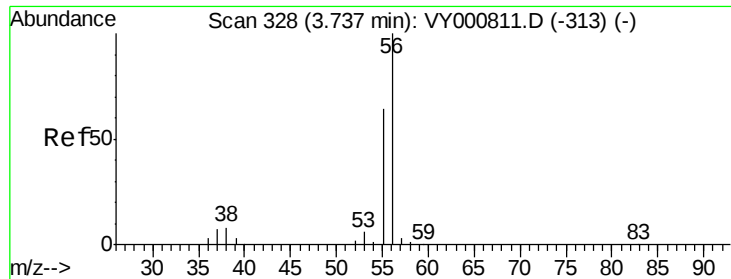


#12

1,1-Dichloroethene
 Concen: 49.753 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	140413		
61	152.1		129.4	194.2
98	60.1		53.4	80.0





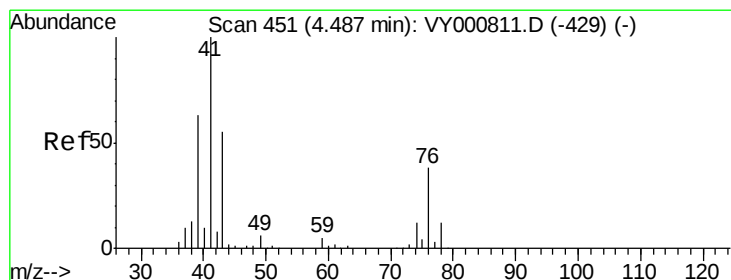
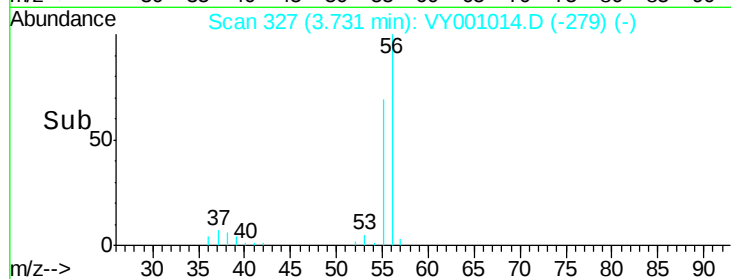
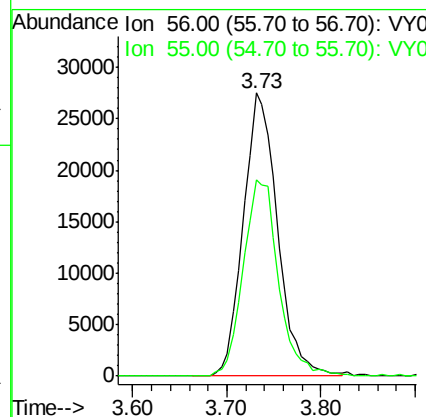
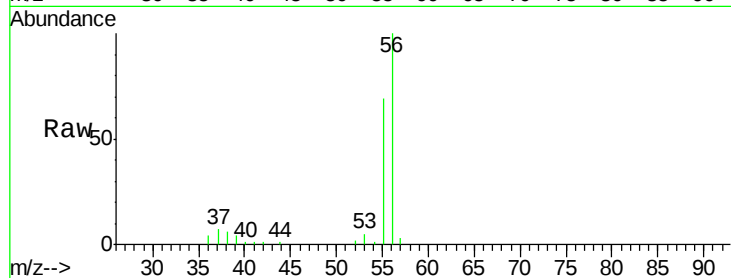
#13
Acrolein
Concen: 256.396 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	69498
Ion Ratio	100	Lower	Upper
56	100		
55	71.5	55.7	83.5

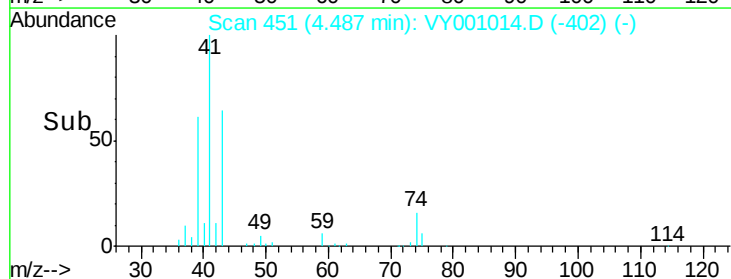
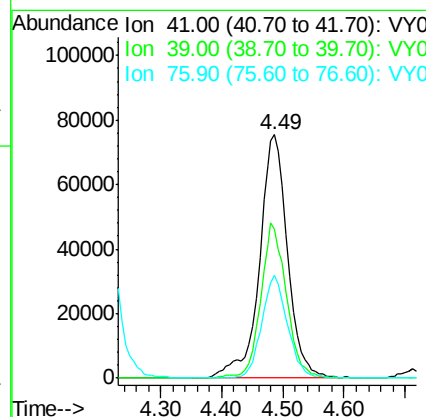
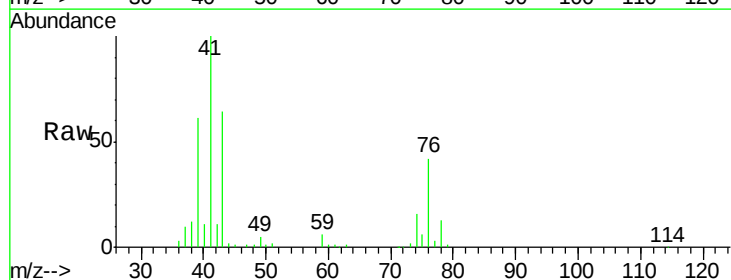
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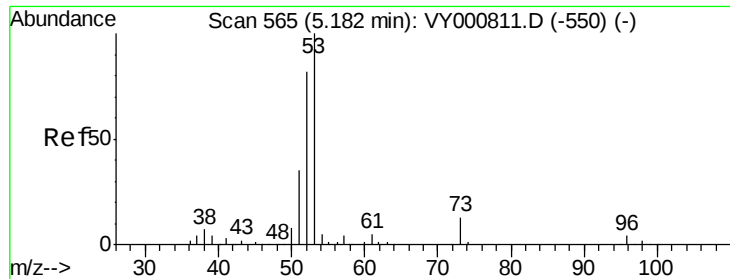
MMDadoda
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#14
Allyl chloride
Concen: 50.135 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	41	Resp	242611
Ion Ratio	100	Lower	Upper
41	100		
39	58.5	49.2	73.8
76	38.5	29.2	43.8





#15

Acrylonitrile

Concen: 291.482 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

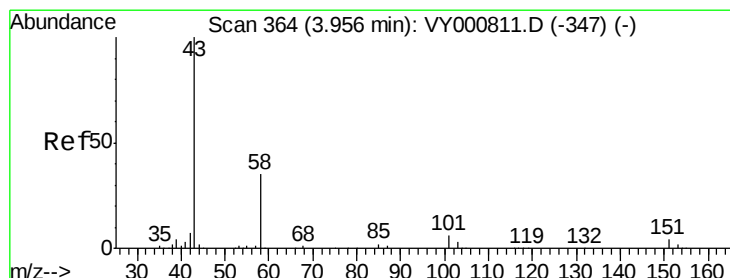
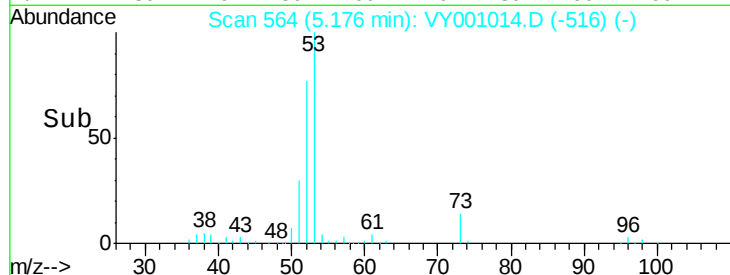
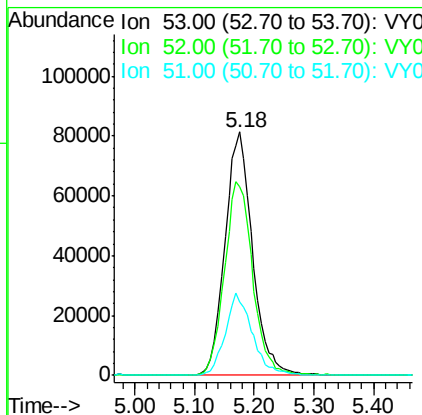
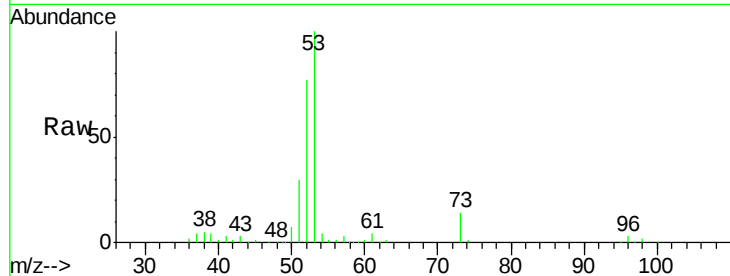
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	261331
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.1	97.7
51	33.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 269.204 ug/l

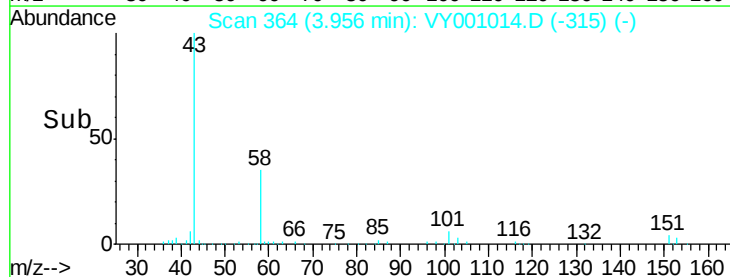
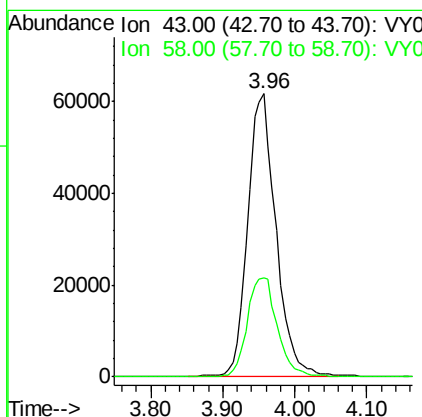
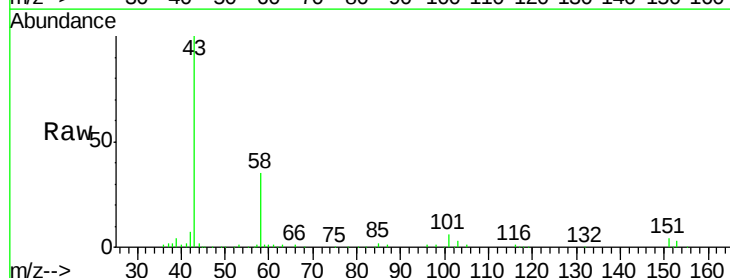
RT: 3.96 min Scan# 364

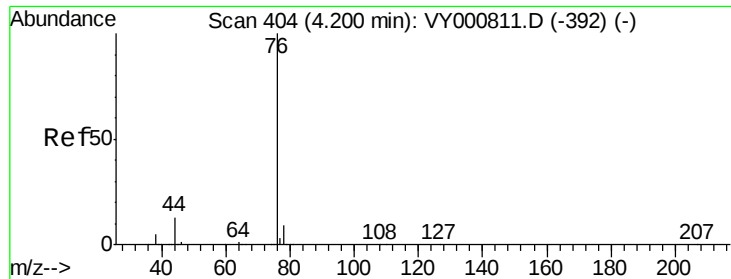
Delta R.T. -0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Tgt Ion:	43	Resp:	168903
Ion Ratio	Lower	Upper	
43	100		
58	35.2	28.0	42.0





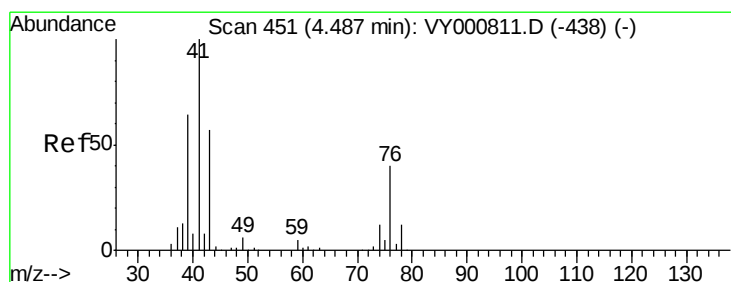
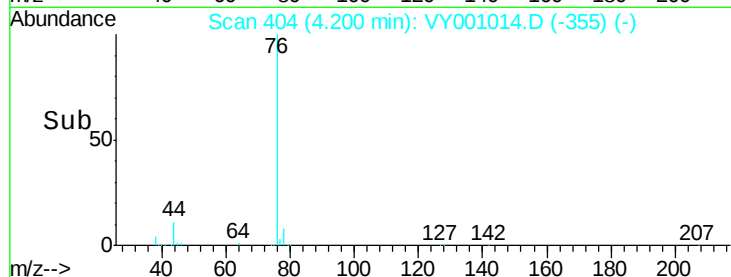
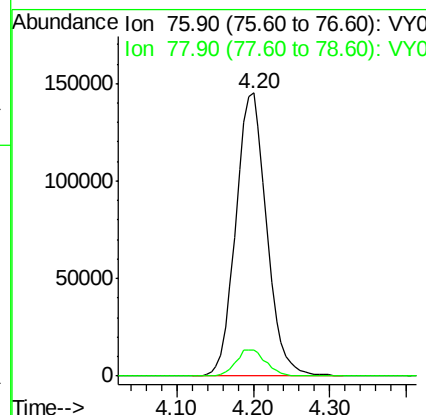
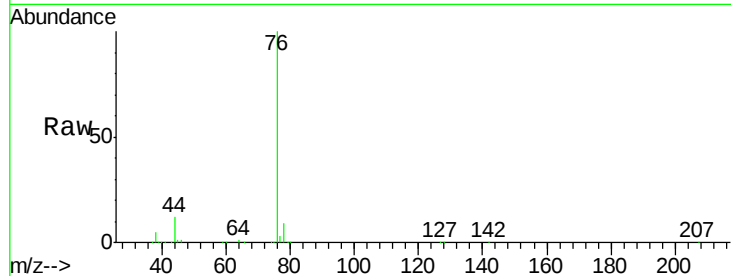
#17
Carbon Disulfide
Concen: 44.445 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

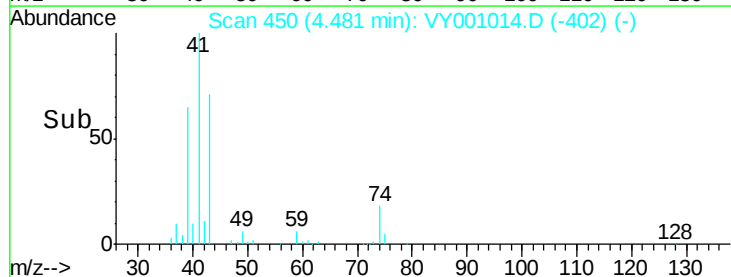
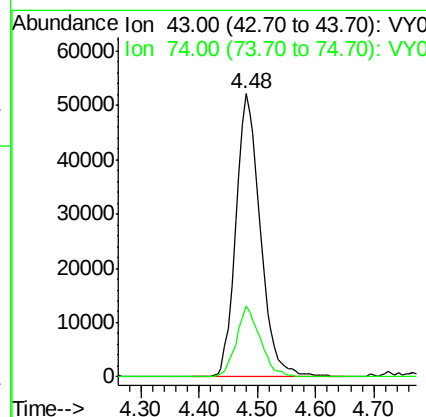
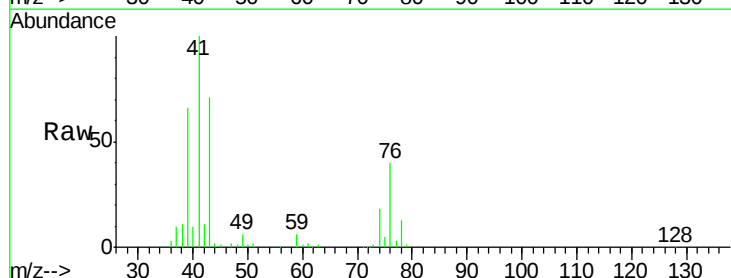
Manual Integrations
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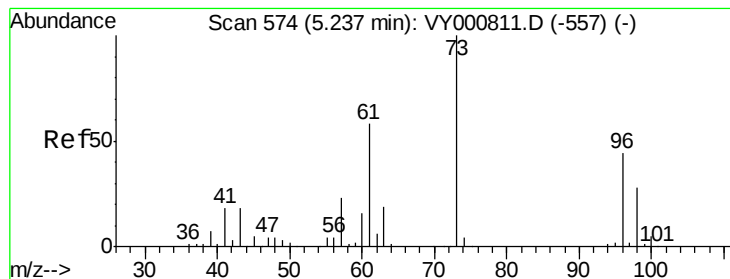
MMDadoda
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#18
Methyl Acetate
Concen: 57.925 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.5	27.7





#19

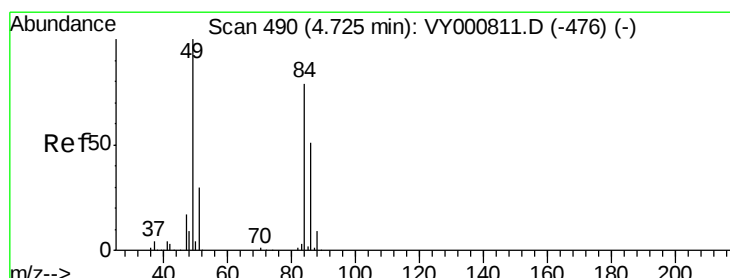
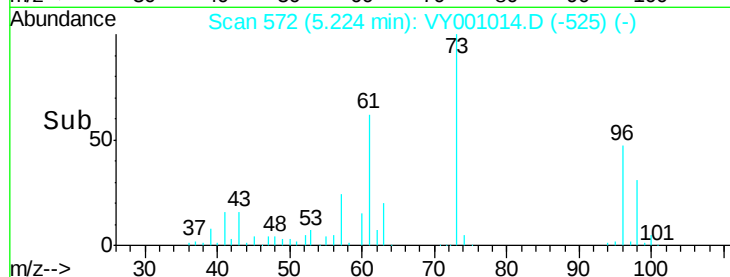
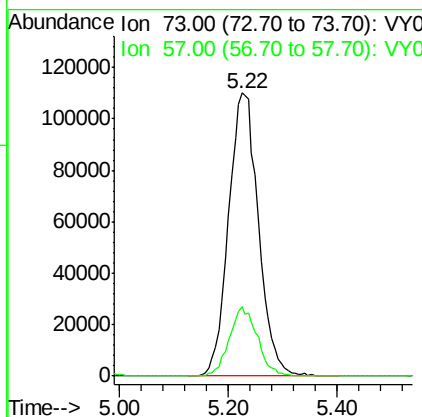
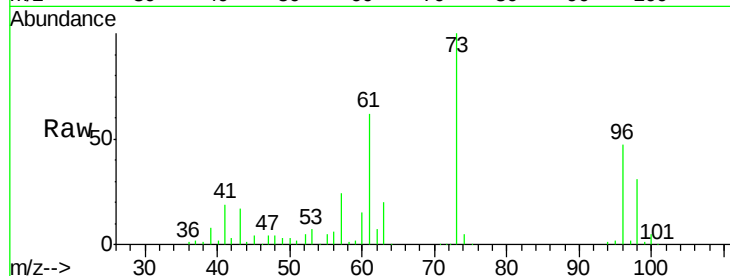
Methyl tert-butyl Ether
 Concen: 55.873 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	18.2	27.4

Manual Integrations
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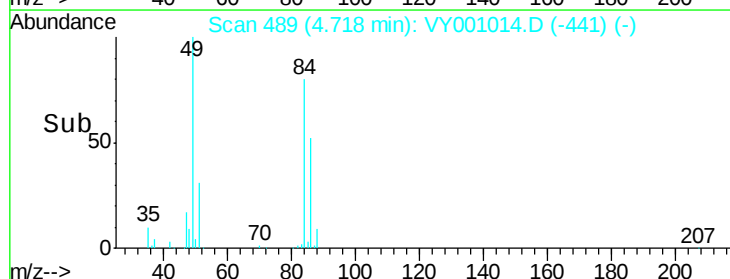
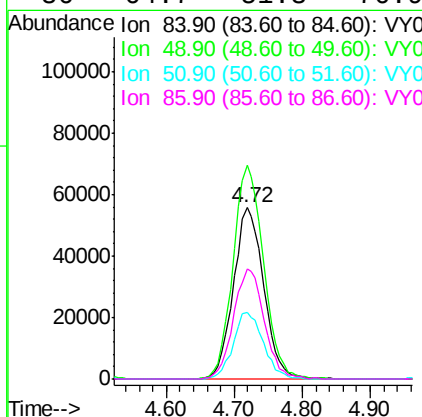
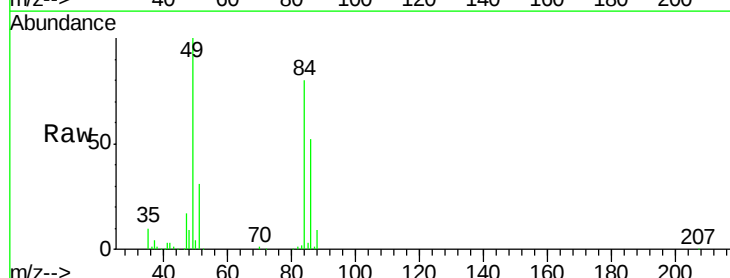
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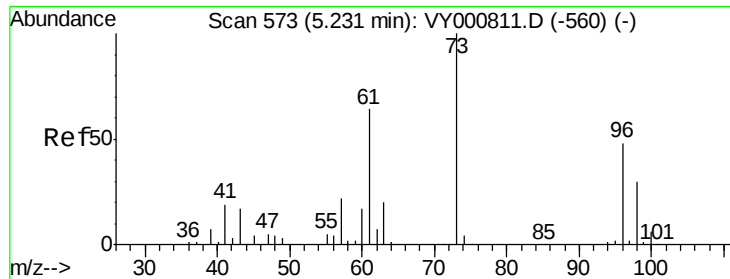


#20

Methylene Chloride
 Concen: 52.072 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	101.3	151.9
51	39.0	30.6	45.8
86	64.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.756 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

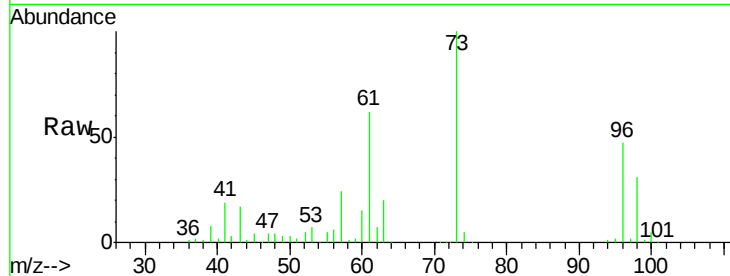
ClientSampleId :

VSTDCCC050EC

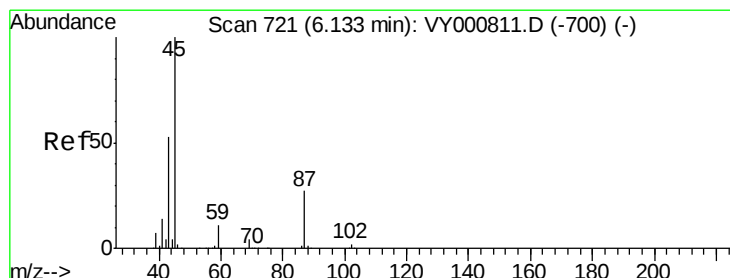
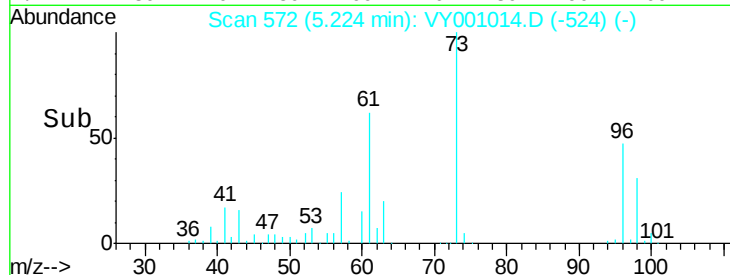
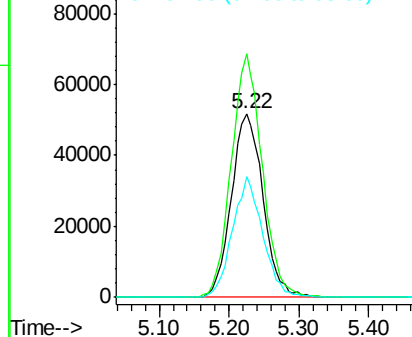
Tot Ion:	96	Resp:	162814
Ion	Ratio	Lower	Upper
96	100		
61	132.3	105.9	158.9
98	65.5	49.4	74.2

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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.181 ug/l

RT: 6.13 min Scan# 720

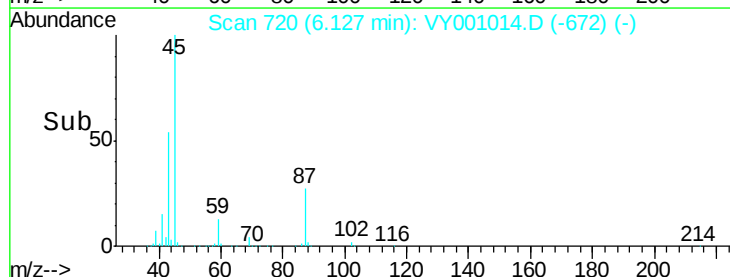
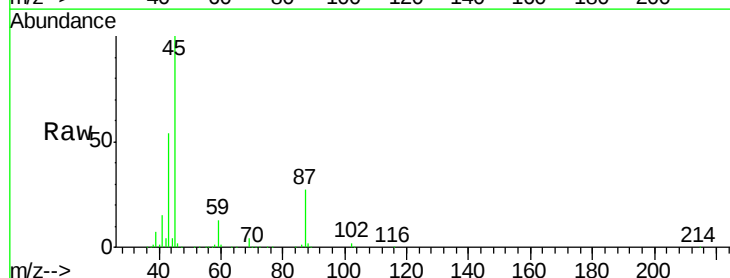
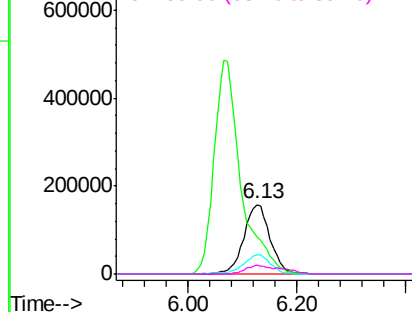
Delta R.T. -0.01 min

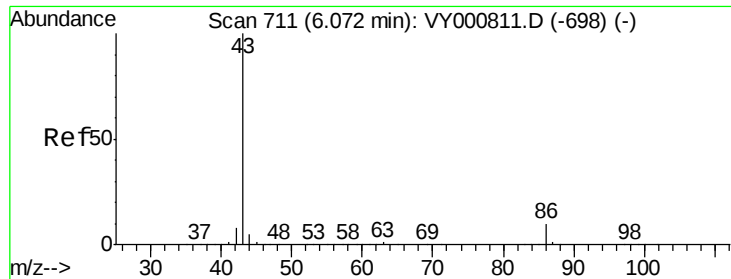
Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Tgt Ion:	45	Resp:	528938
Ion	Ratio	Lower	Upper
45	100		
43	53.6	42.7	64.1
87	27.0	22.0	33.0
59	12.6	8.9	13.3

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 273.674 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1654760

Ion Ratio Lower Upper

43 100

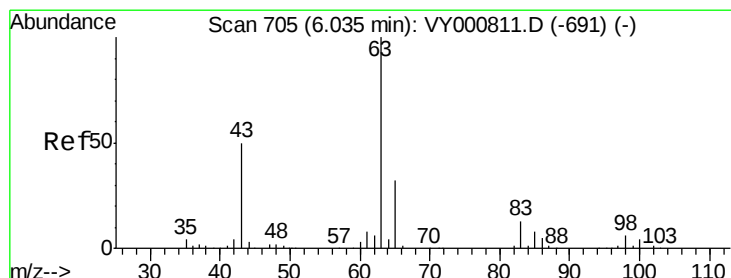
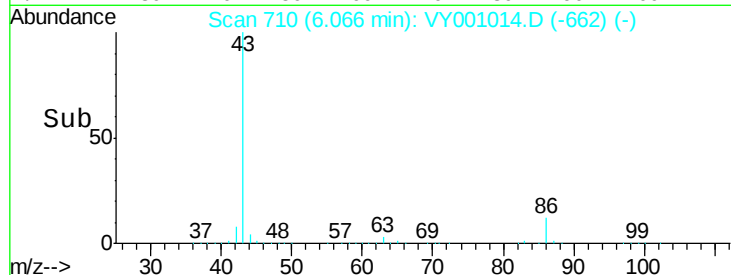
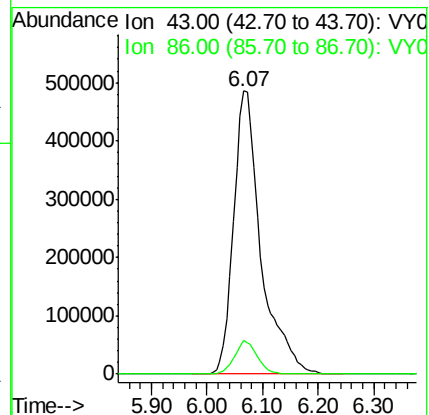
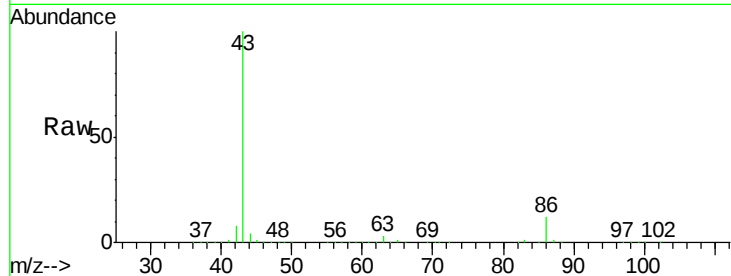
86 11.9 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.892 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

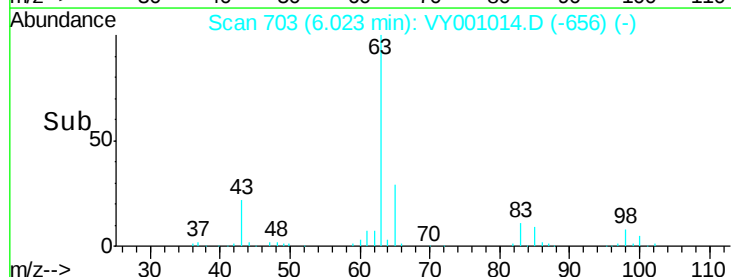
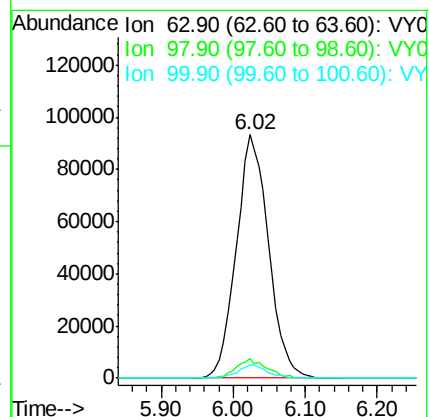
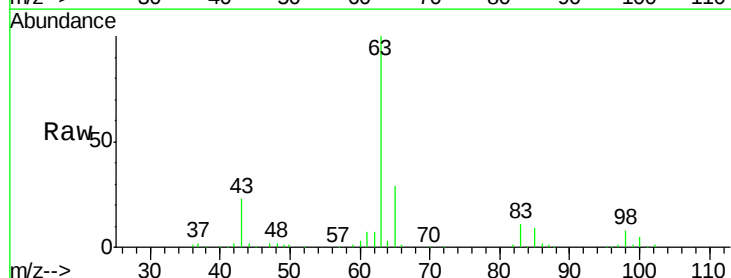
Tgt Ion: 63 Resp: 289944

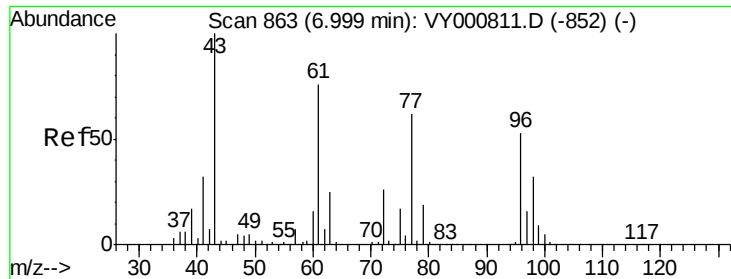
Ion Ratio Lower Upper

63 100

98 8.1 3.3 9.8

100 5.3 2.2 6.6





#25

2-Butanone

Concen: 267.533 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 310073

Ion Ratio Lower Upper

43 100

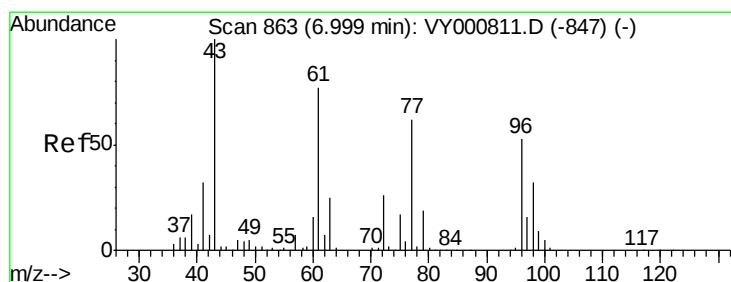
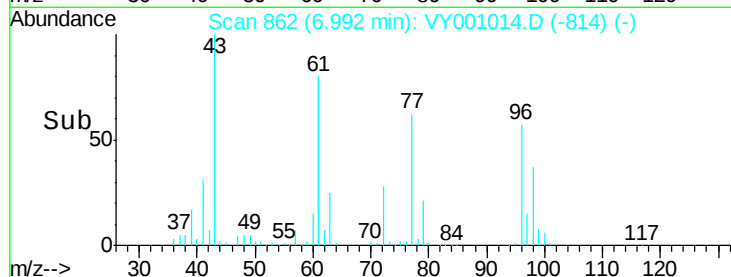
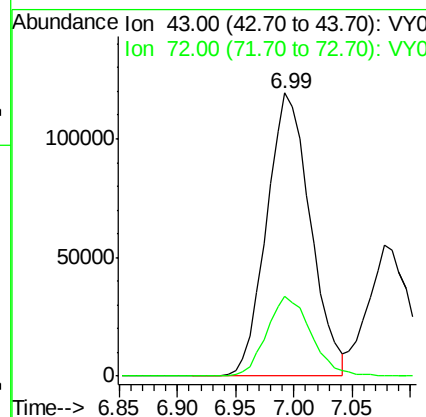
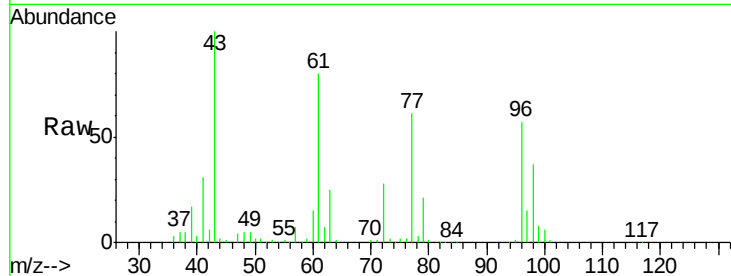
72 28.0 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 48.304 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001014.D

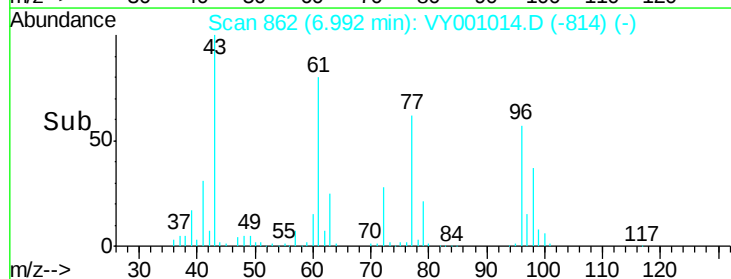
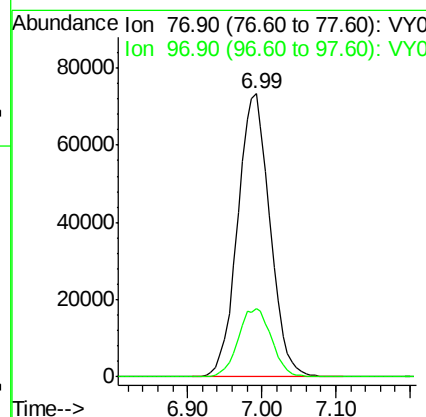
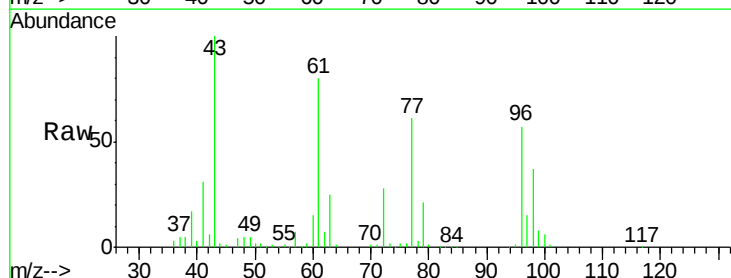
Acq: 19 Dec 2019 17:25

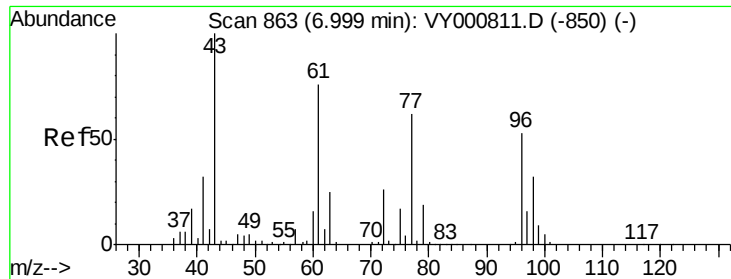
Tgt Ion: 77 Resp: 222864

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.9





#27

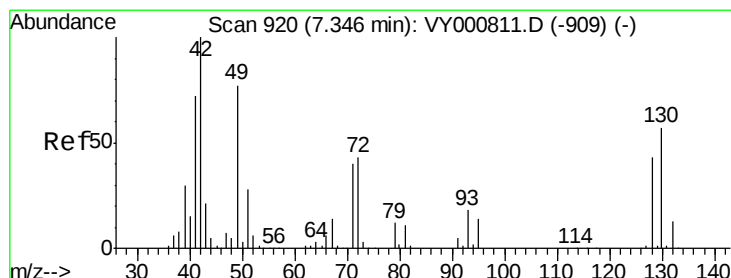
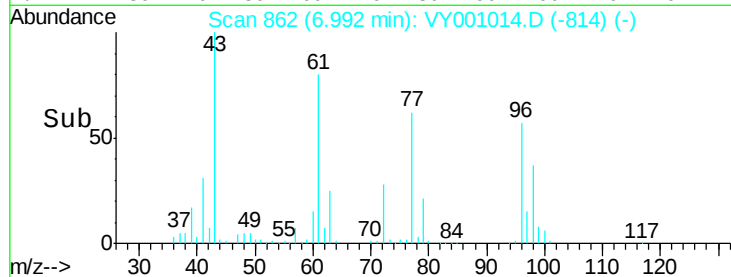
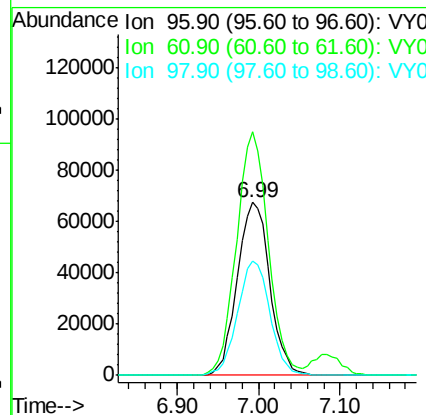
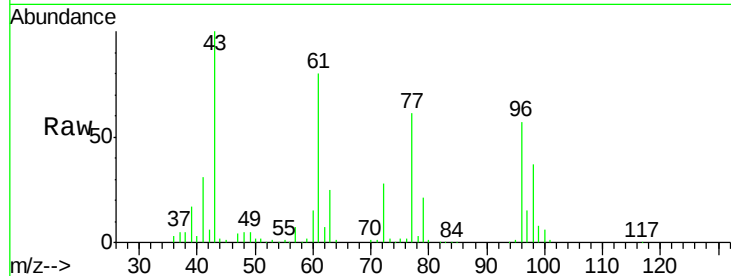
cis-1,2-Dichloroethene
Concen: 53.637 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185983		
61	137.9	0.0	285.0	
98	65.8	0.0	128.0	

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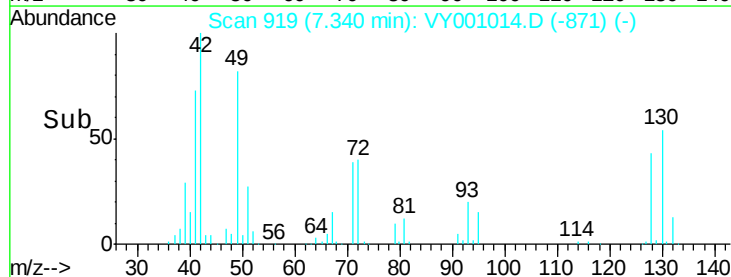
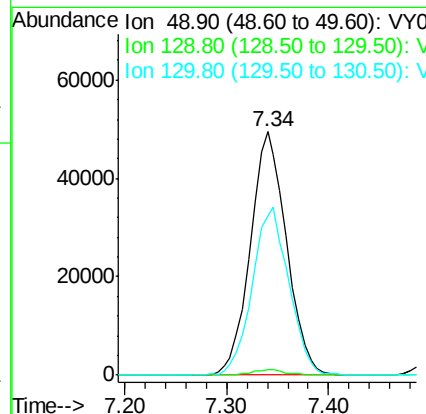
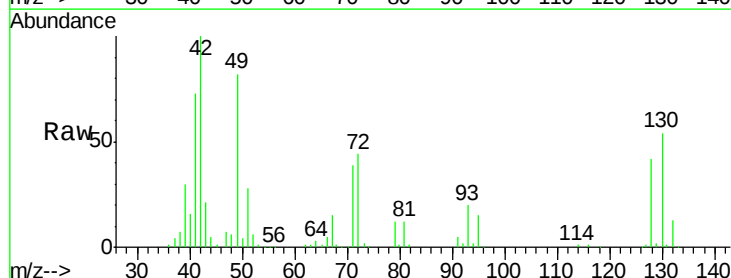
MMDadoda
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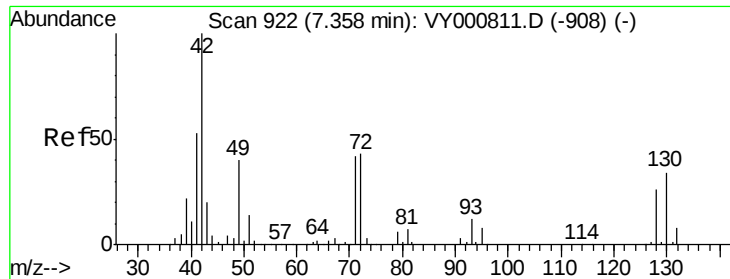


#28

Bromochloromethane
Concen: 60.013 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121465		
129	1.9	0.0	3.8	
130	70.3	58.7	88.1	





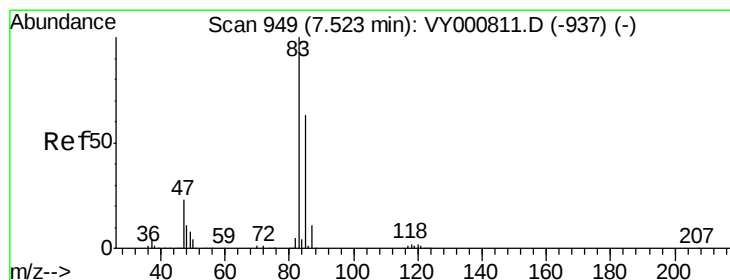
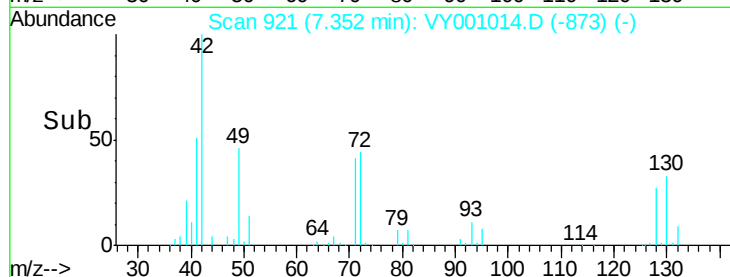
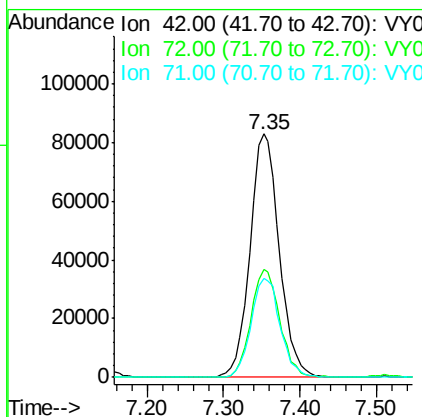
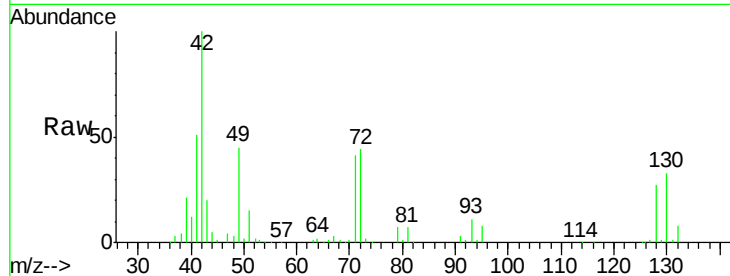
#29
Tetrahydrofuran
Concen: 287.728 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.1	52.7
71	40.4	32.8	49.2

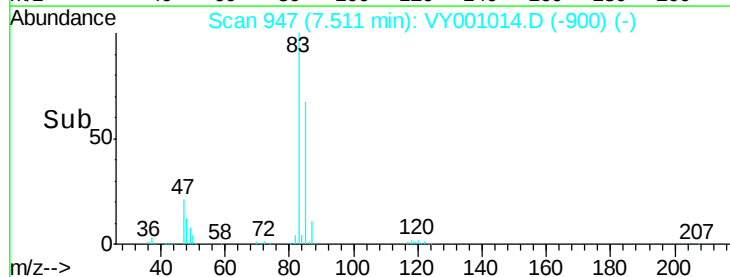
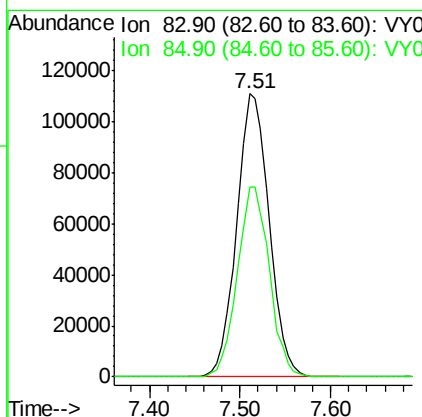
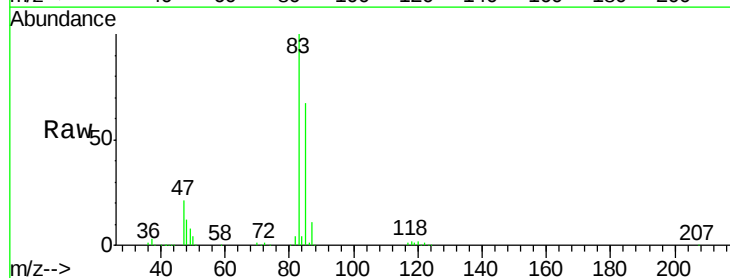
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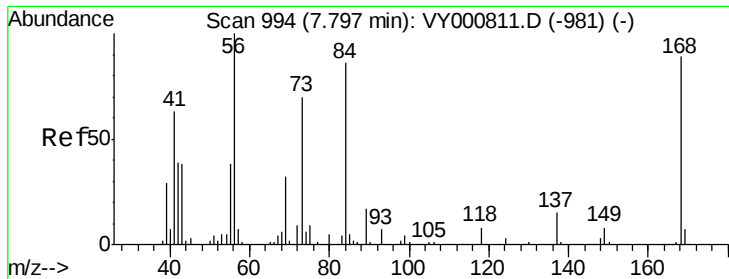
MMDadoda
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#30
Chloroform
Concen: 49.984 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.4	75.6





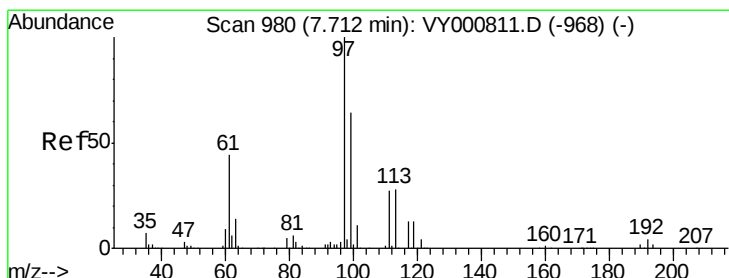
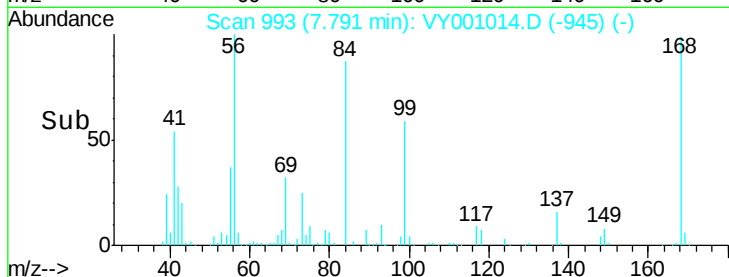
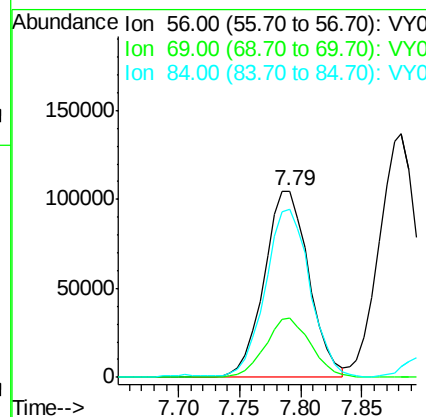
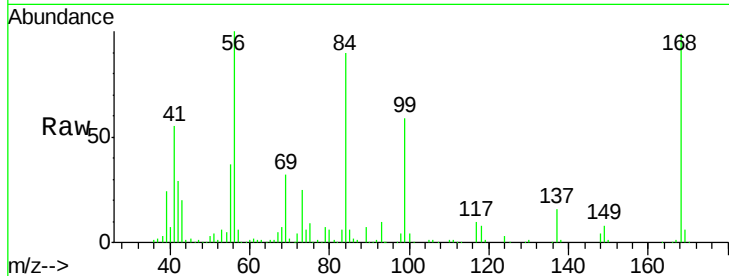
#31
Cyclohexane
Concen: 45.857 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	88.9	68.6	102.8

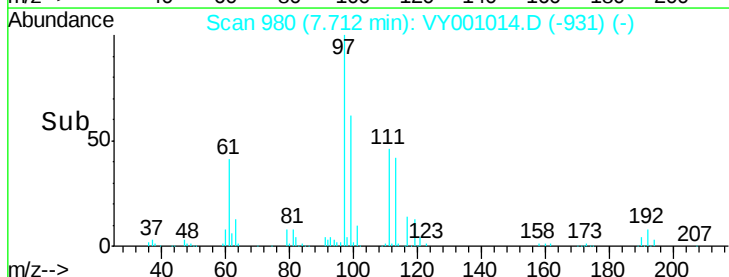
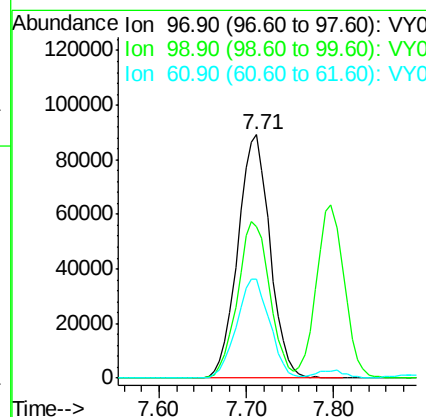
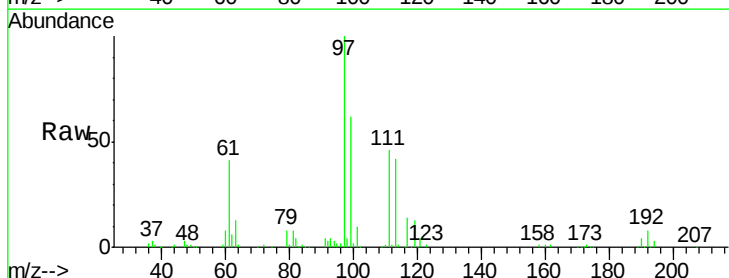
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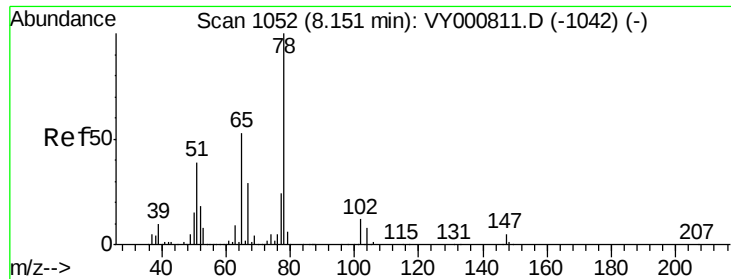
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.170 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	42.0	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 50.207 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 137319

Ion Ratio Lower Upper

65 100

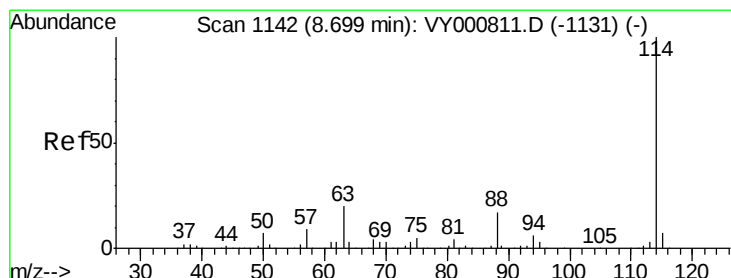
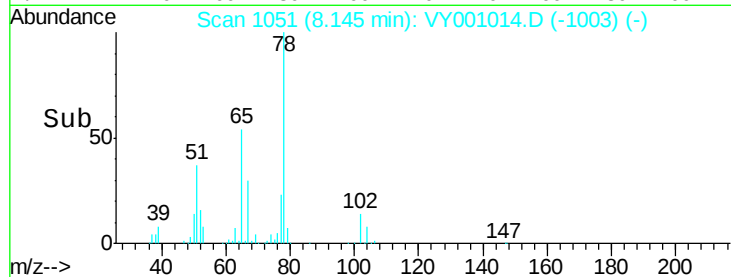
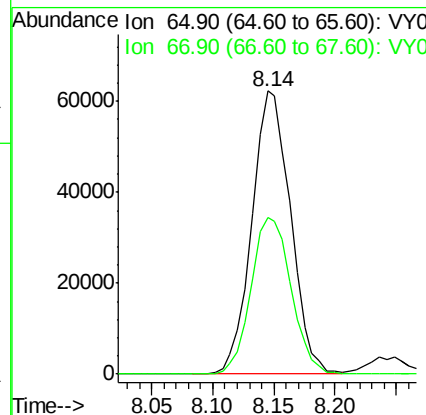
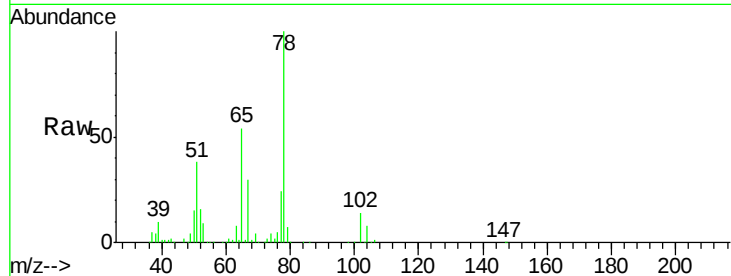
67 57.3 0.0 112.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

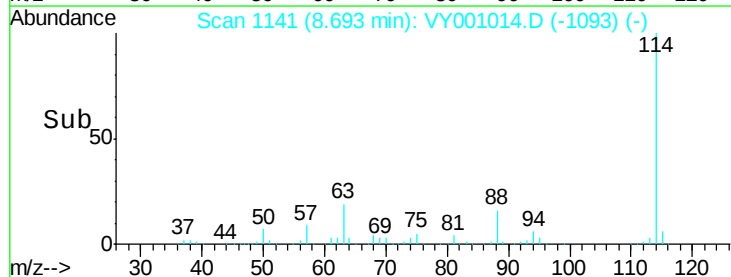
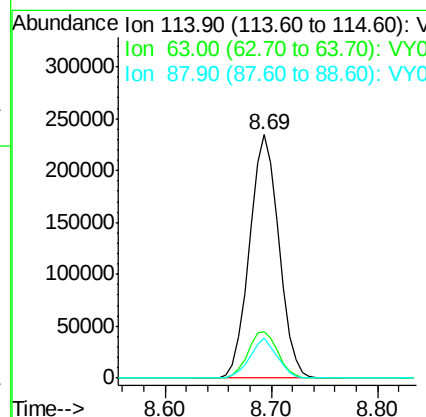
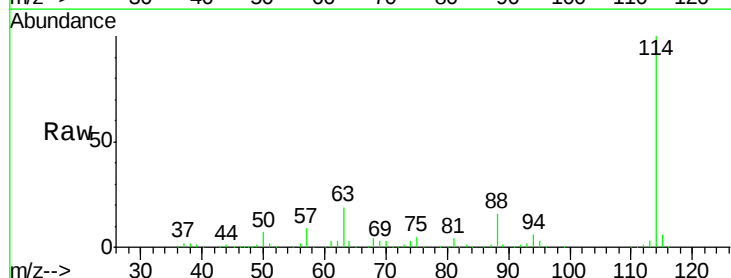
Tgt Ion: 114 Resp: 454218

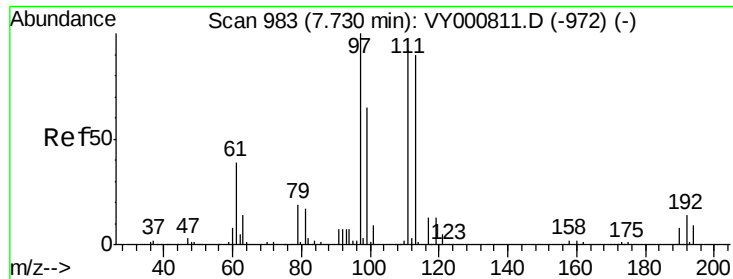
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.8

88 16.2 0.0 33.2





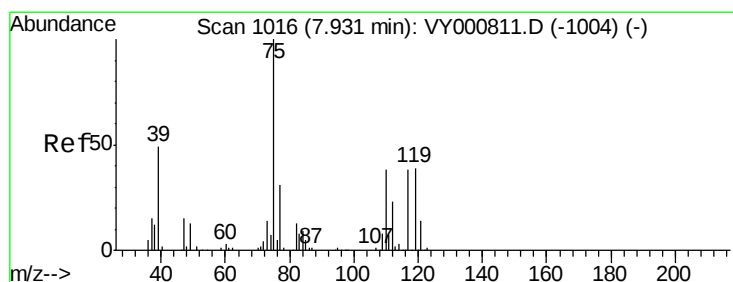
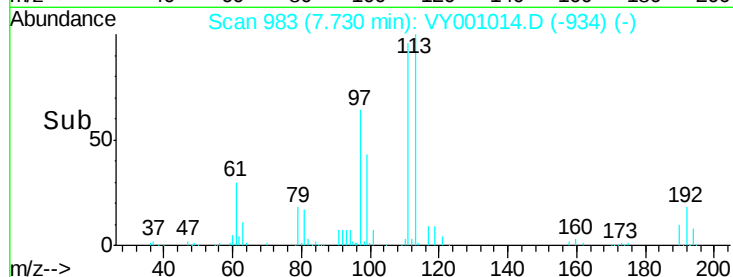
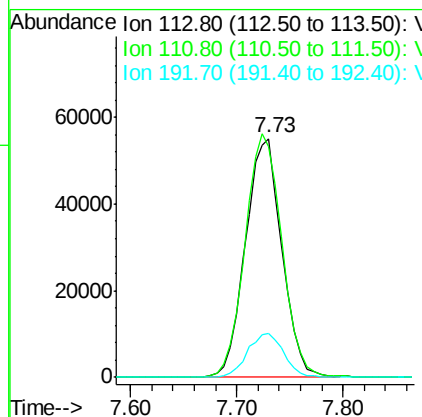
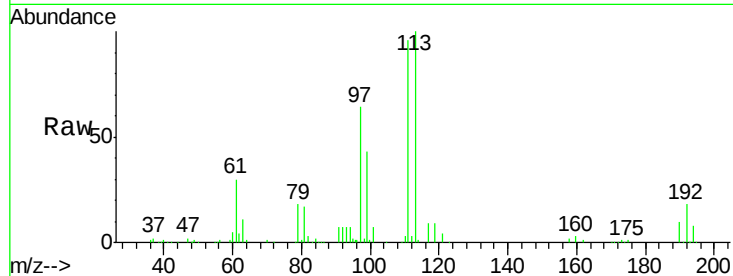
#35
Dibromofluoromethane
Concen: 50.053 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132499		
111	103.3	82.4	123.6	
192	18.2	14.2	21.2	

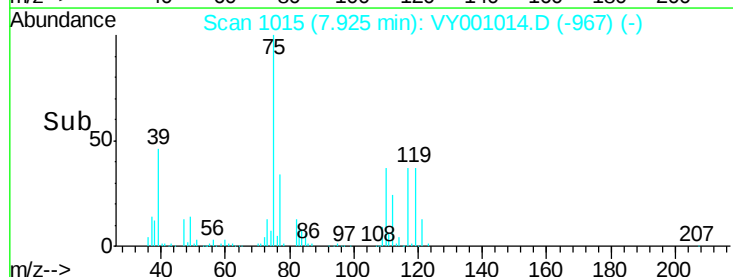
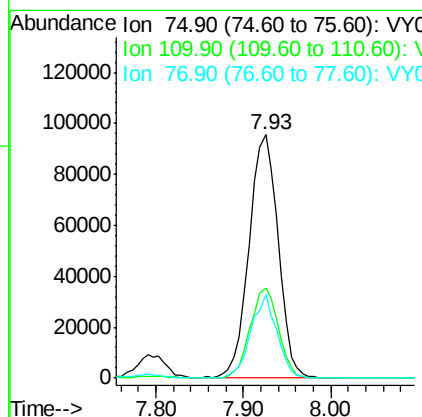
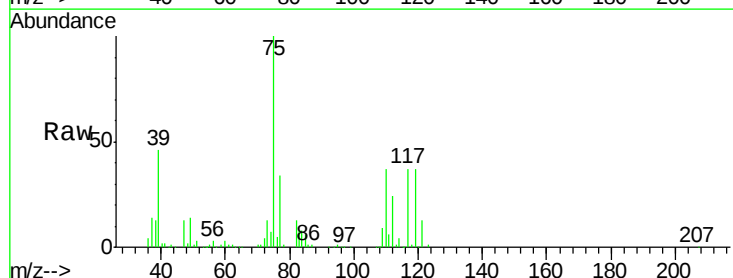
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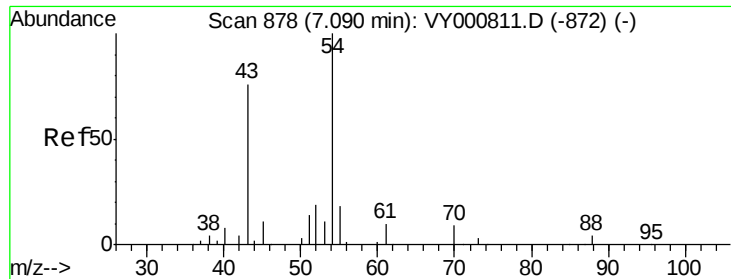
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#36
1,1-Dichloropropene
Concen: 49.101 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	221755		
110	35.9	17.9	53.7	
77	31.0	24.7	37.1	





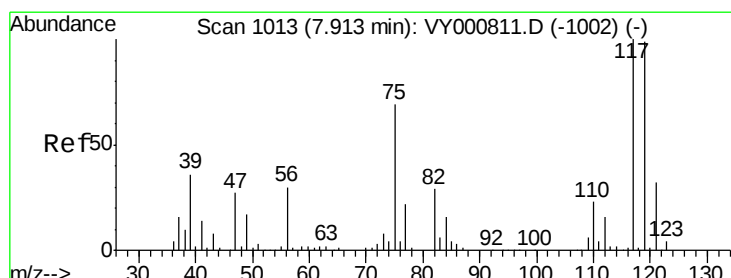
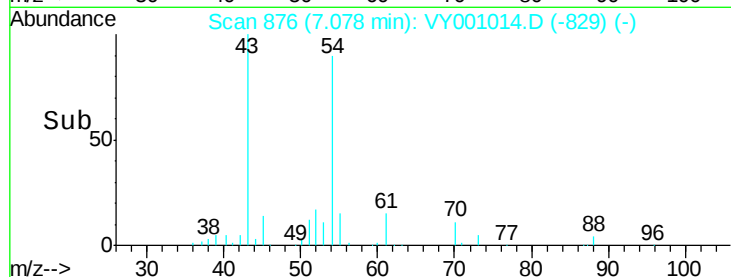
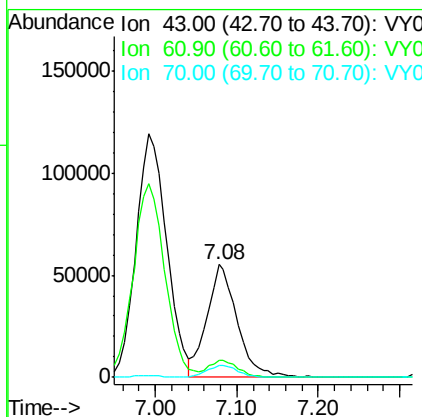
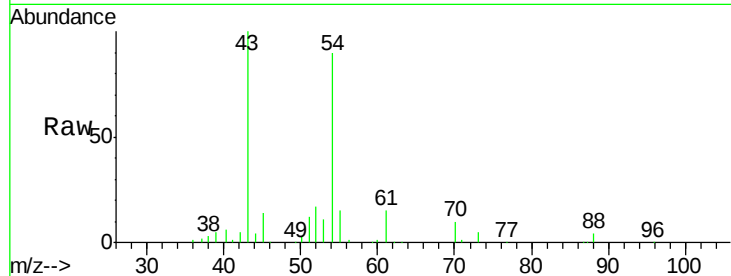
#37
Ethyl Acetate
Concen: 54.816 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.8
70	10.8	8.7	13.1

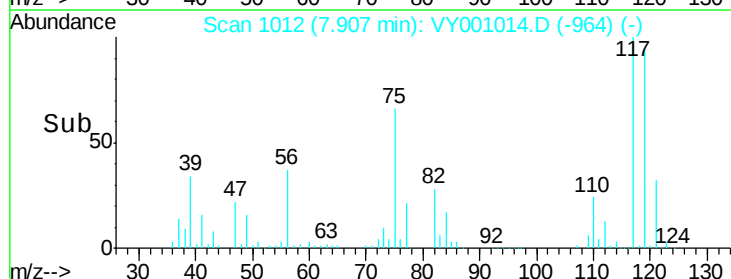
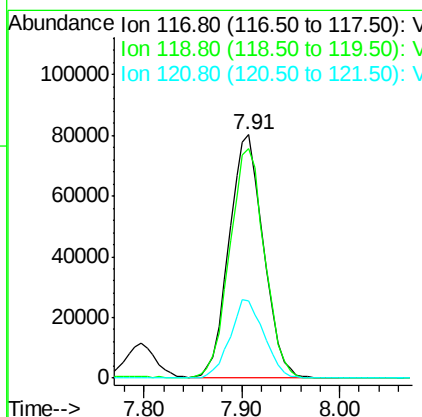
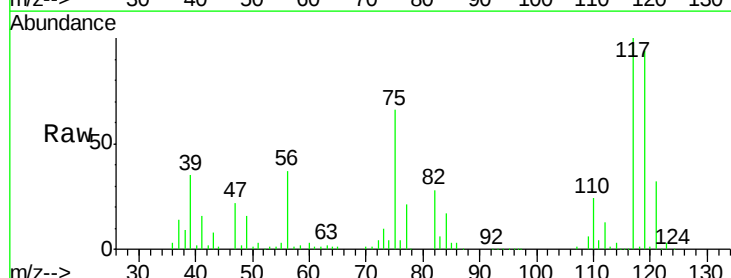
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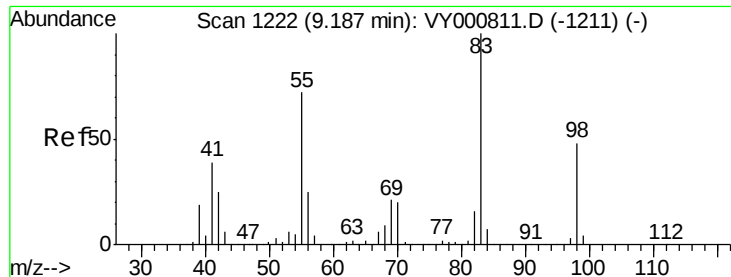
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#38
Carbon Tetrachloride
Concen: 48.628 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	79.3	118.9
121	31.7	25.5	38.3





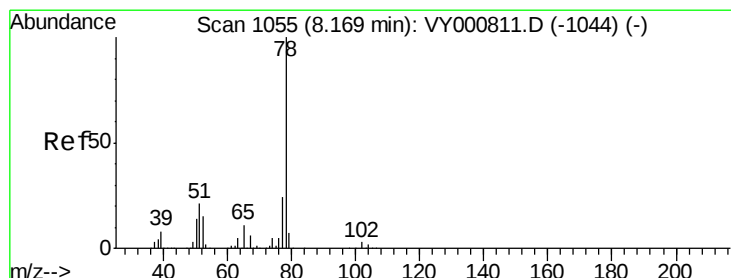
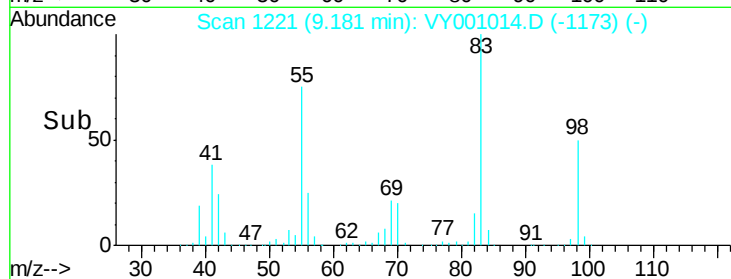
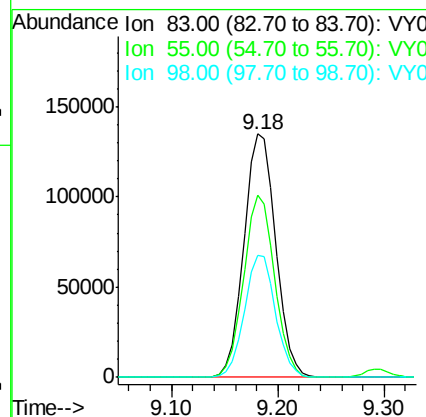
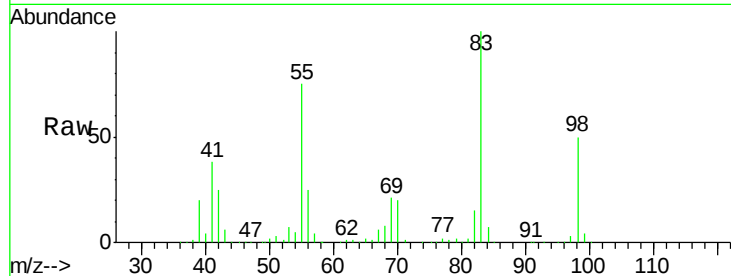
#39
Methvlcvclohexane
Concen: 47.237 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.8	86.6
98	50.1	38.6	58.0

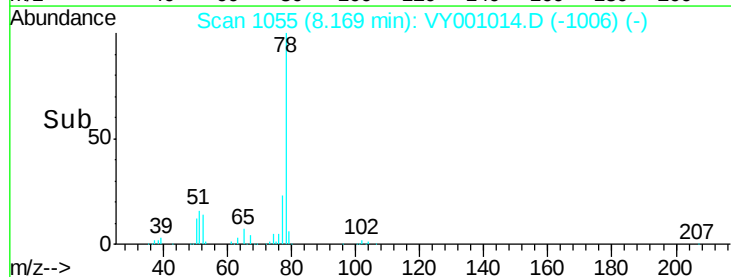
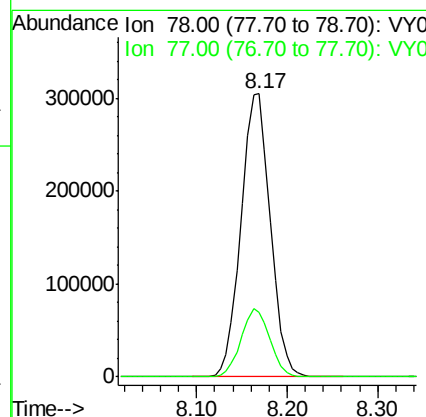
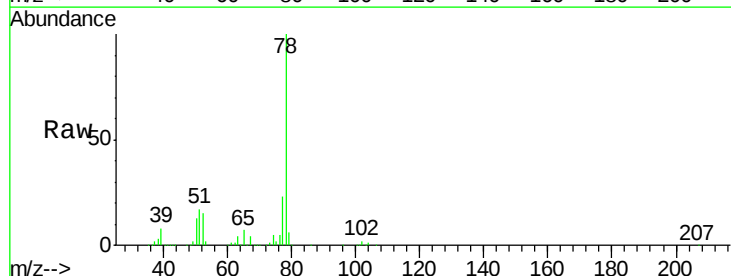
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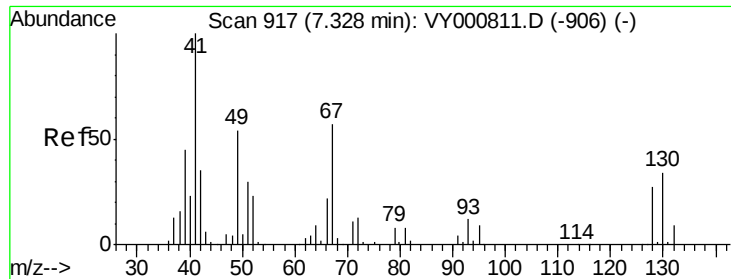
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#40
Benzene
Concen: 51.946 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





#41

Methacrylonitrile

Concen: 54.061 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 74304

Ion Ratio Lower Upper

41 100

39 113.8 95.7 143.5

67 0.0 0.0 0.0

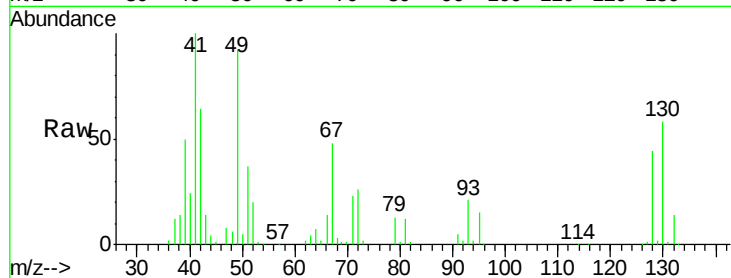
52 0.0 0.0 0.0

Manual Integrations

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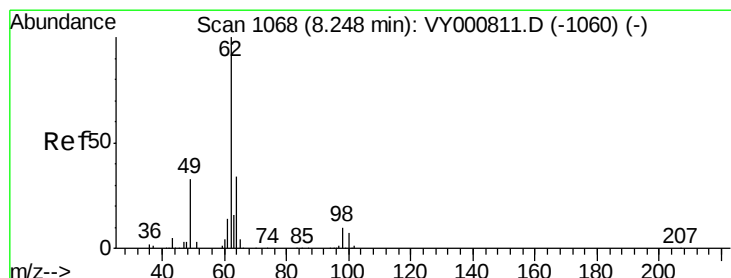
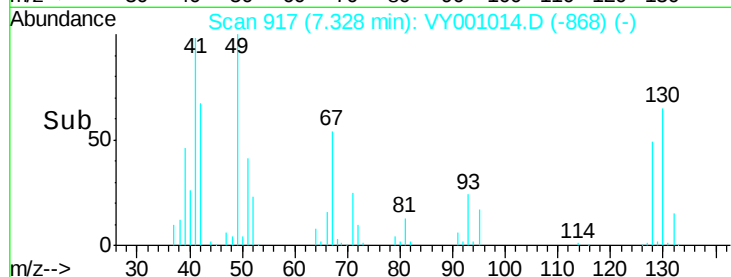
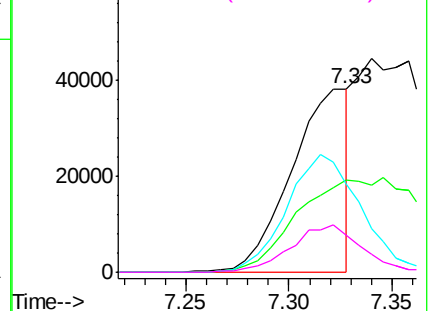


Abundance Ion 41.00 (40.70 to 41.70): VY000811.D (-906) (-)

Ion 39.00 (38.70 to 39.70): VY000811.D (-906) (-)

Ion 67.00 (66.70 to 67.70): VY000811.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VY000811.D (-906) (-)



#42

1,2-Dichloroethane

Concen: 49.866 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001014.D

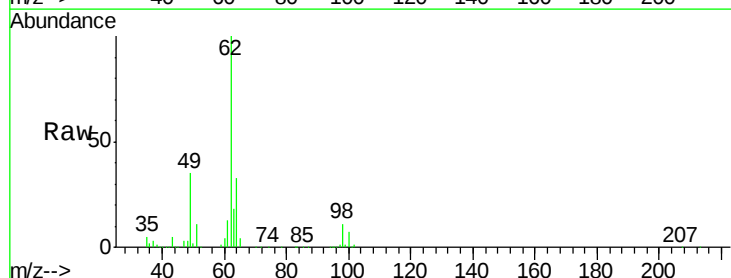
Acq: 19 Dec 2019 17:25

Tgt Ion: 62 Resp: 172521

Ion Ratio Lower Upper

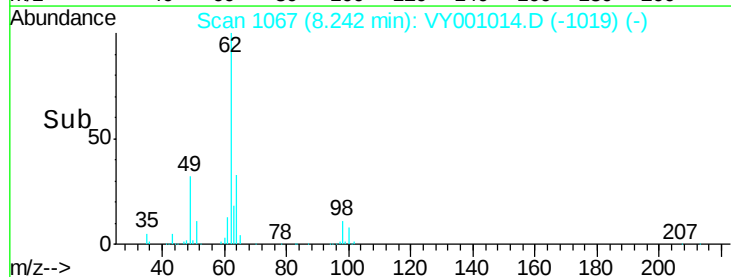
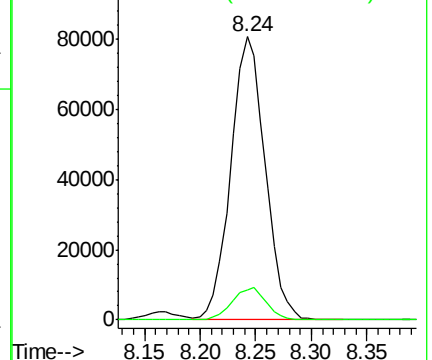
62 100

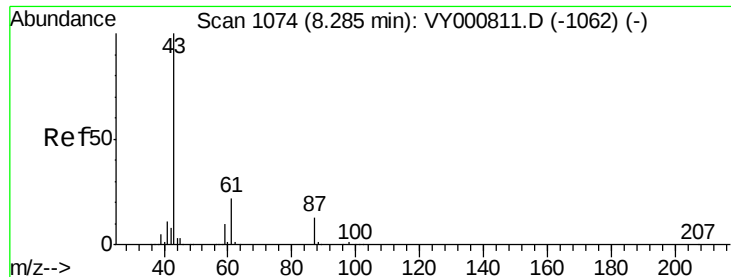
98 11.4 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY000811.D (-1060) (-)

Ion 97.90 (97.60 to 98.60): VY000811.D (-1060) (-)





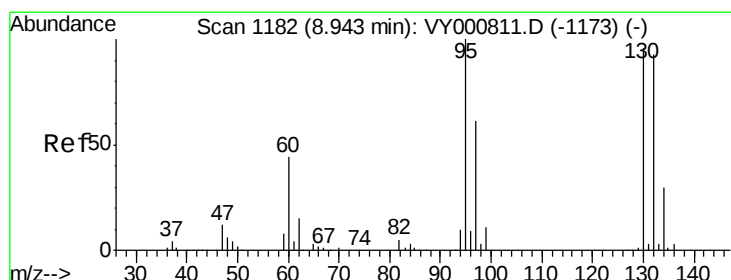
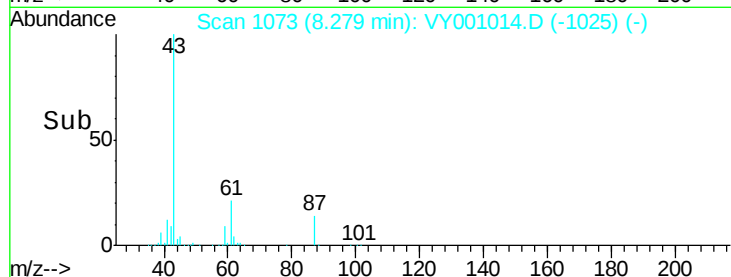
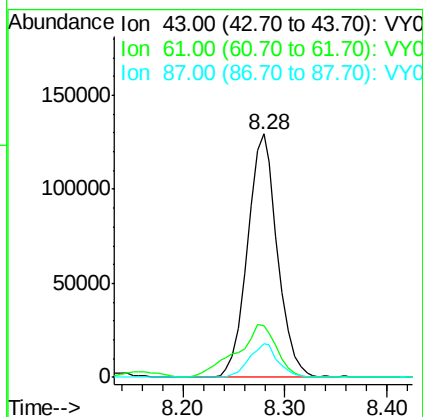
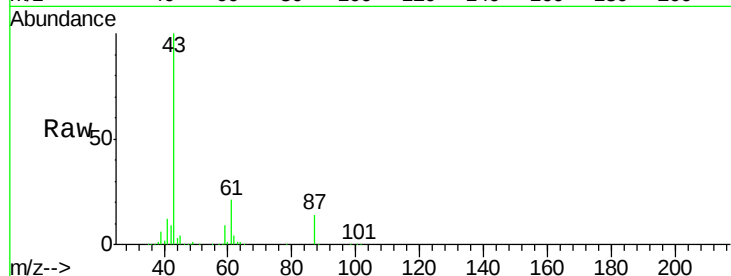
#43
Isopropyl Acetate
Concen: 53.663 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.7	35.5
87	13.6	10.6	15.8

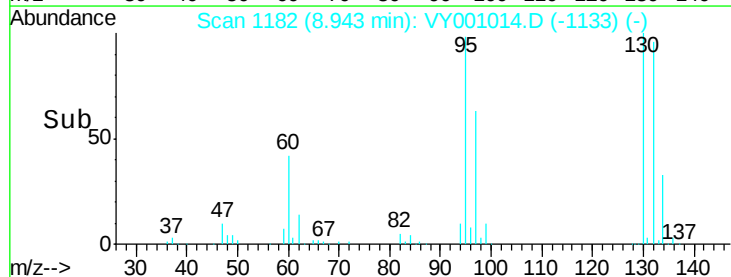
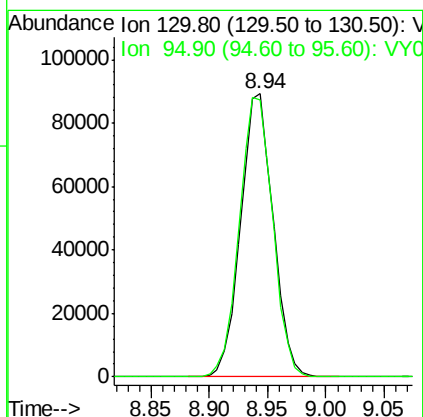
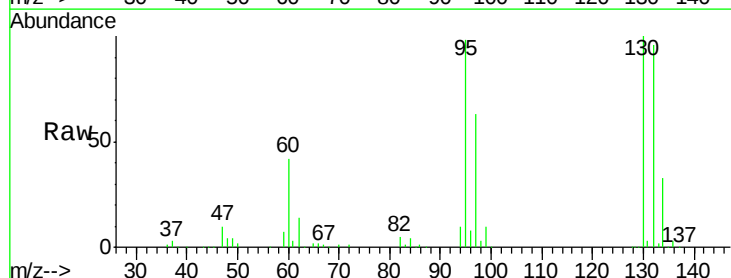
Manual Integrations
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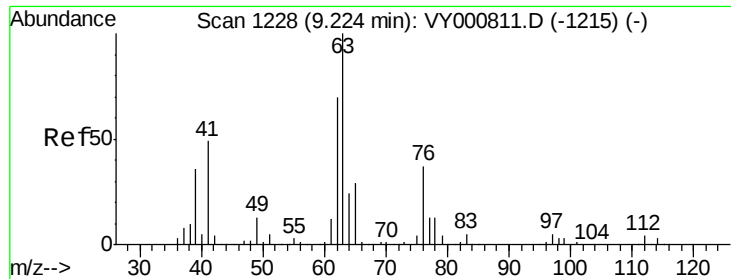
MMDadoda
12/20/2019 10:37:11 AM



#44
Trichloroethene
Concen: 51.529 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	207.8





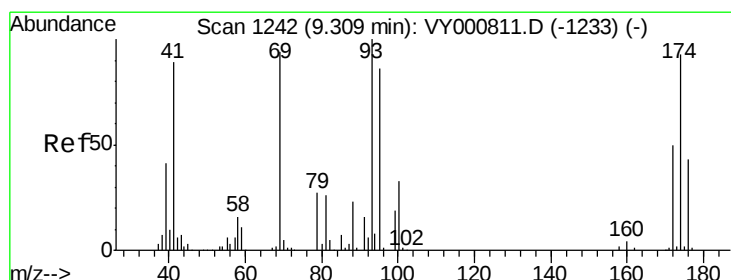
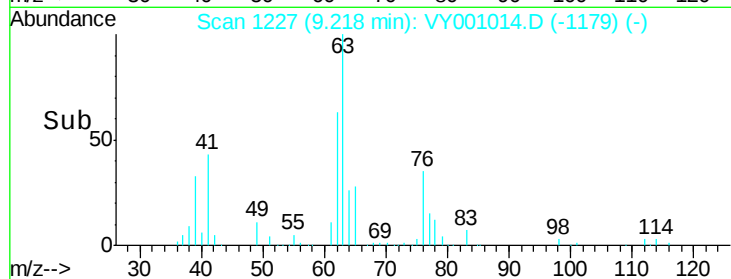
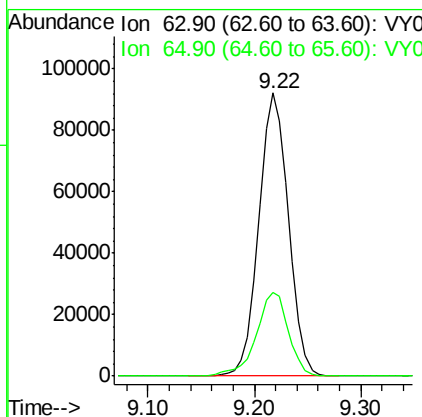
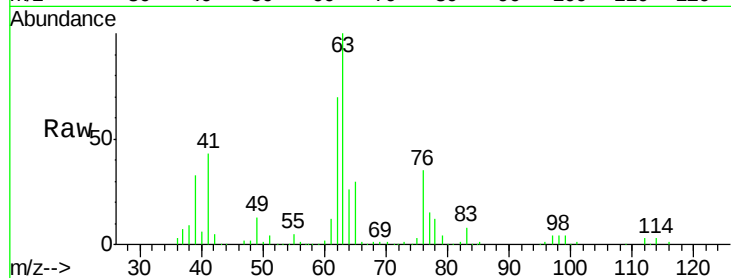
#45
 1,2-Dichloropropane
 Concen: 54.519 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	23.2	34.8

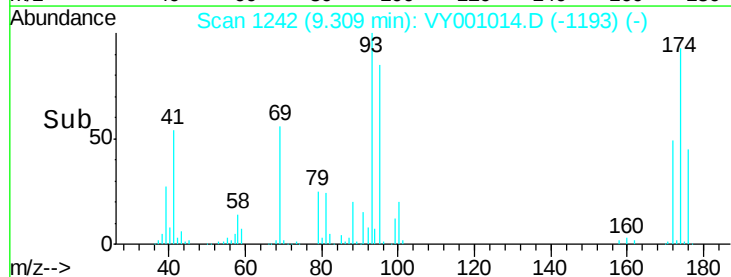
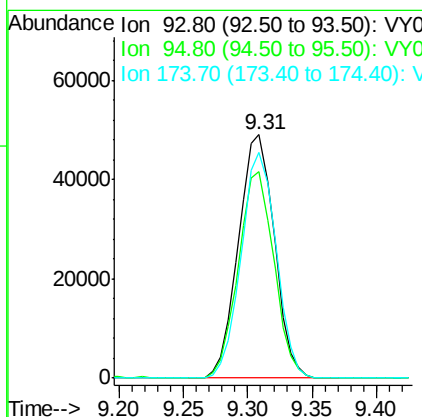
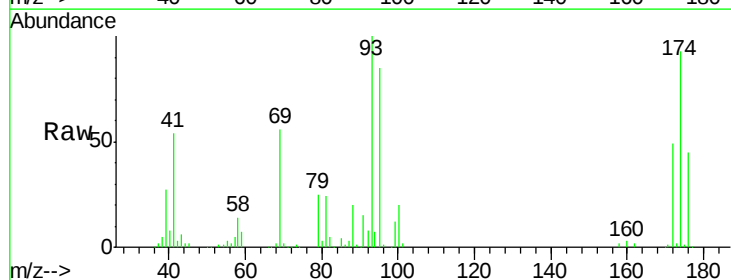
Manual Integrations
 APPROVED

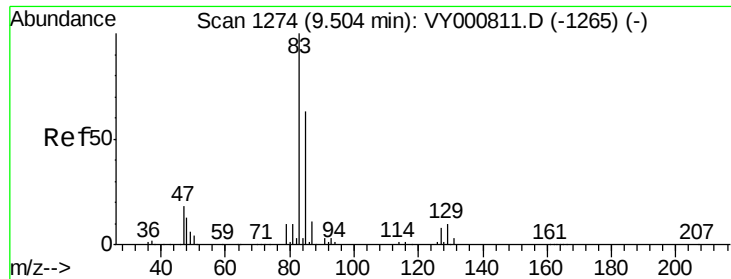
MMDadoda
 12/20/2019 10:37:11 AM



#46
 Dibromomethane
 Concen: 55.073 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.4	99.6
174	89.9	73.0	109.6





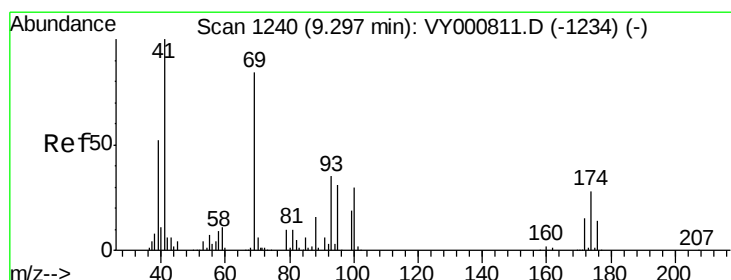
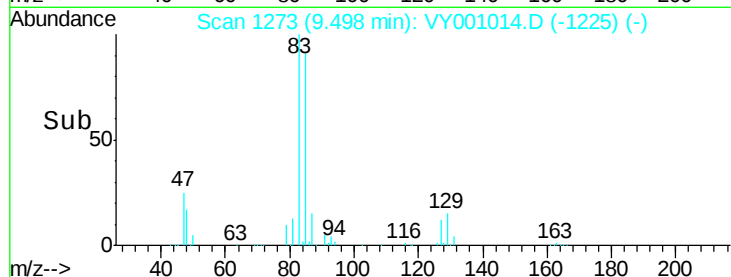
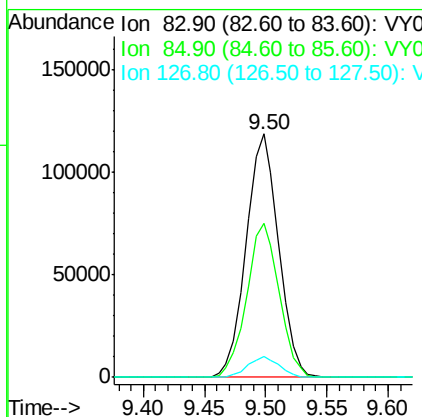
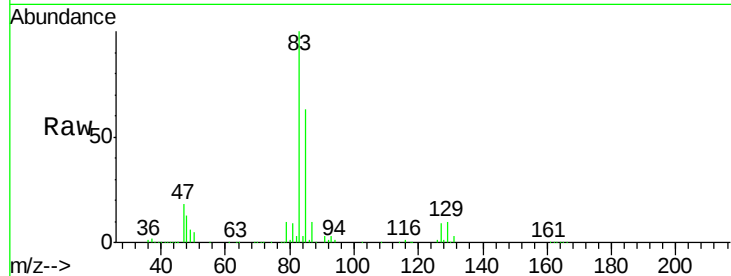
#47
Bromodichloromethane
Concen: 53.926 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218713		
85	63.2		50.8	76.2
127	8.6		6.6	10.0

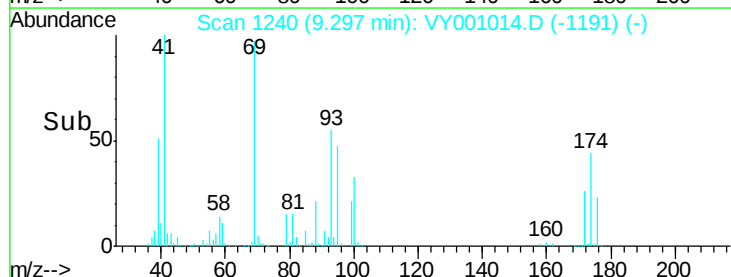
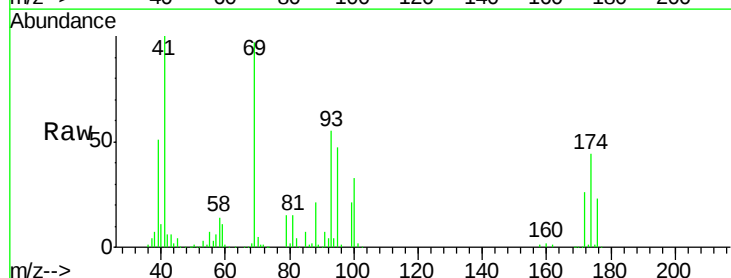
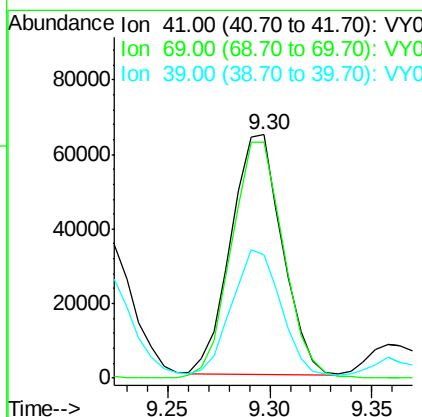
Manual Integrations
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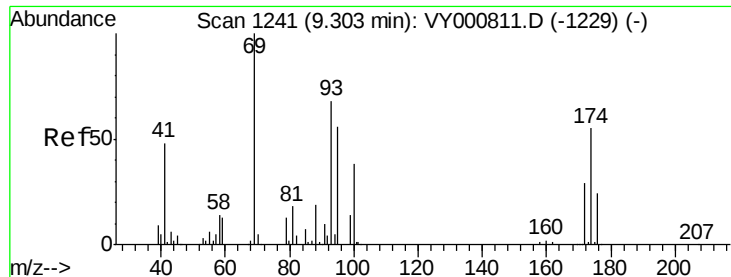
MMDadoda
12/20/2019 10:37:11 AM



#48
Methyl methacrylate
Concen: 52.007 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	112385		
69	100.1		70.4	105.6
39	52.9		40.9	61.3





#49

1,4-Dioxane

Concen: 1189.585 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

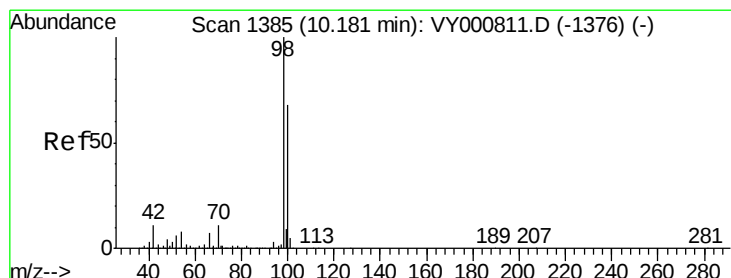
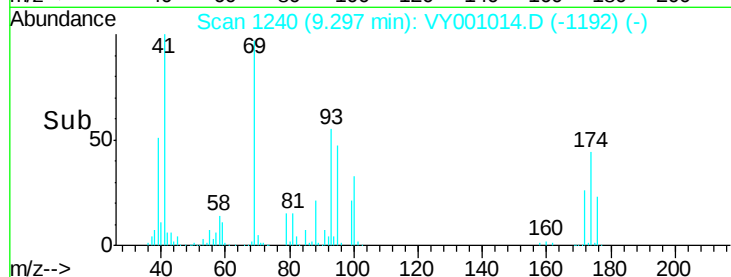
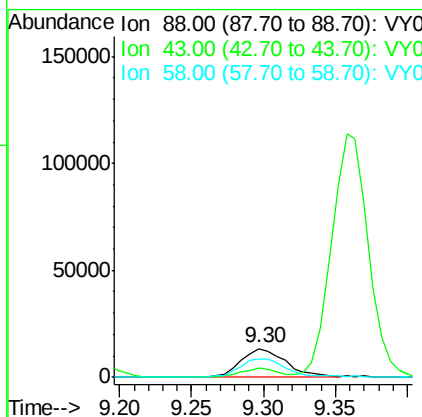
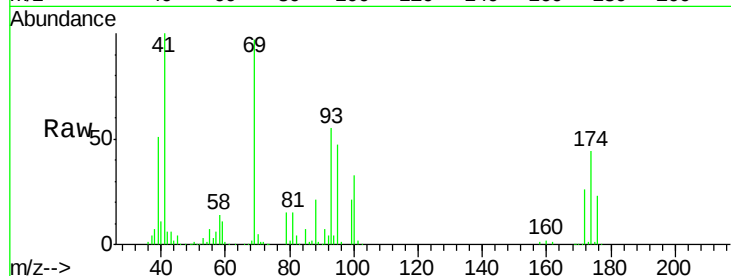
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	29101
Ion Ratio	Lower	Upper	
88	100		
43	28.4	21.1	31.7
58	66.7	50.7	76.1

Manual Integrations
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#50

Toluene-d8

Concen: 51.012 ug/l

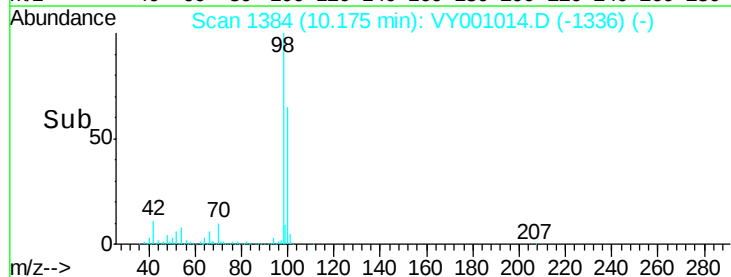
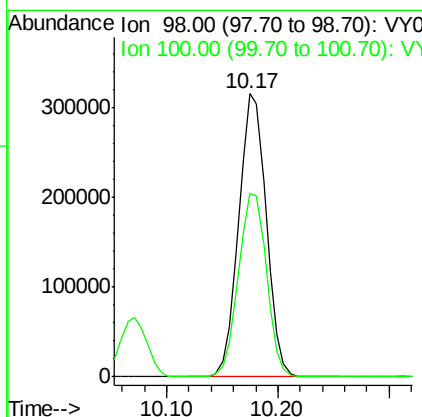
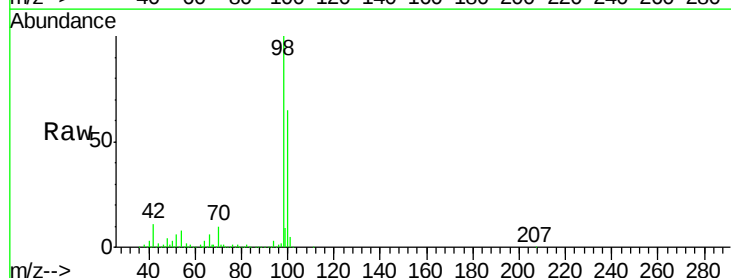
RT: 10.17 min Scan# 1384

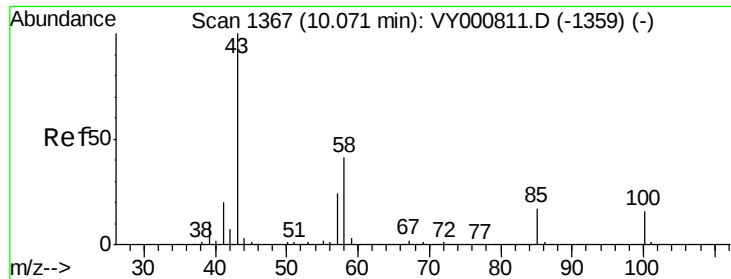
Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Tgt Ion:	98	Resp:	539875
Ion Ratio	Lower	Upper	
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 277.397 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 704337

Ion Ratio Lower Upper

43 100

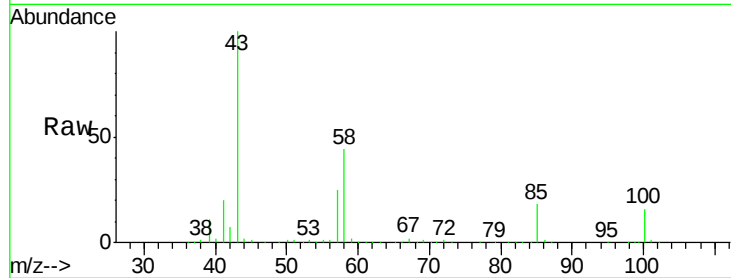
58 42.1 33.1 49.7

Manual Integrations

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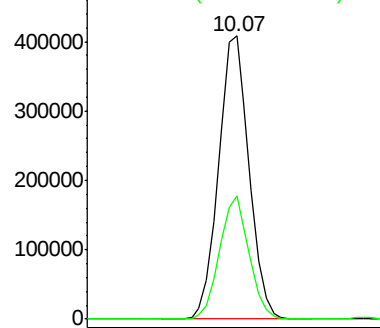
MMDadoda

12/20/2019 10:37:11 AM

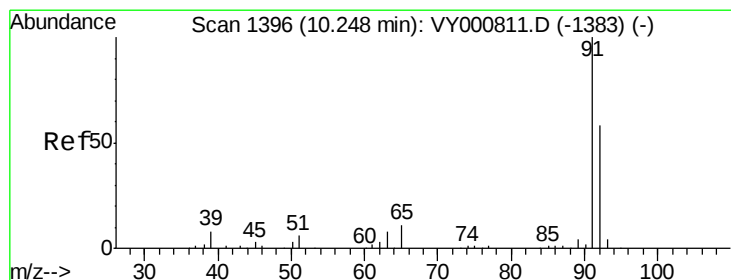
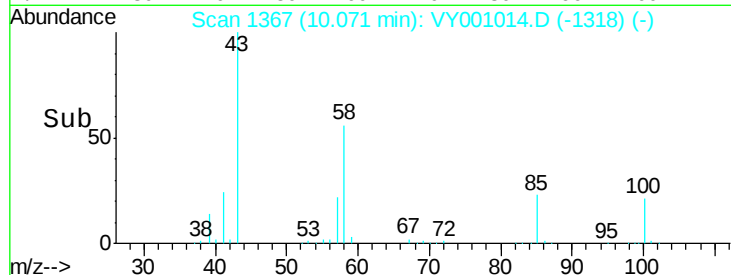


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#52

Toluene

Concen: 52.042 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY001014.D

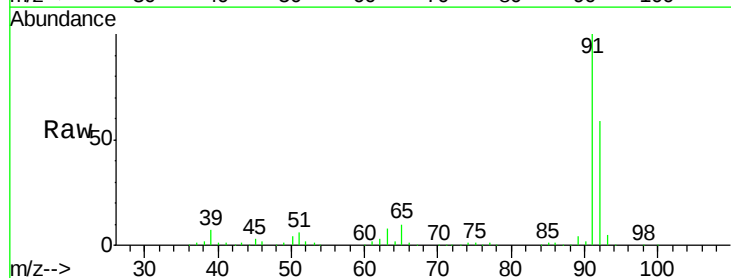
Acq: 19 Dec 2019 17:25

Tgt Ion: 92 Resp: 423892

Ion Ratio Lower Upper

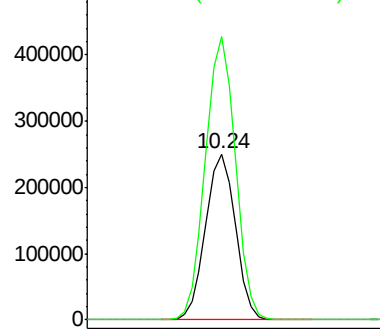
92 100

91 171.2 136.6 204.8

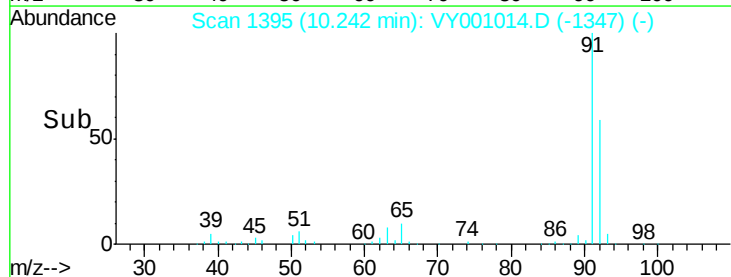


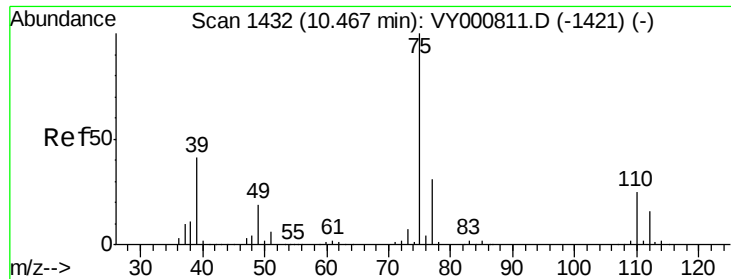
Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



Time-->





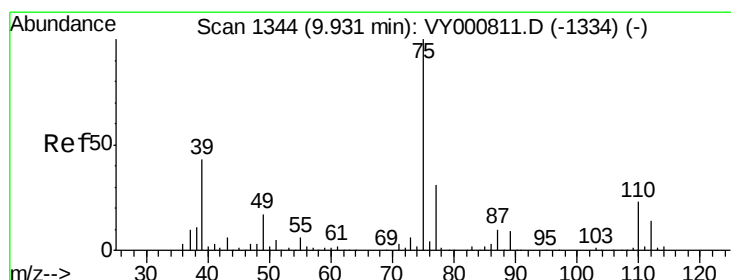
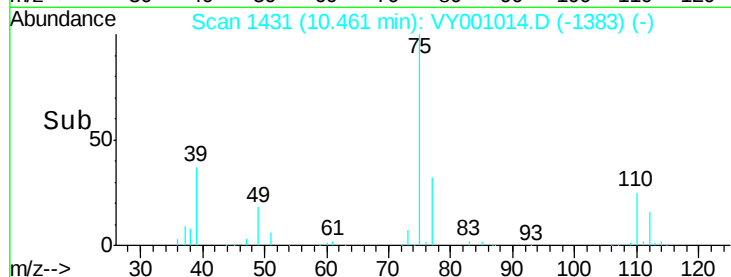
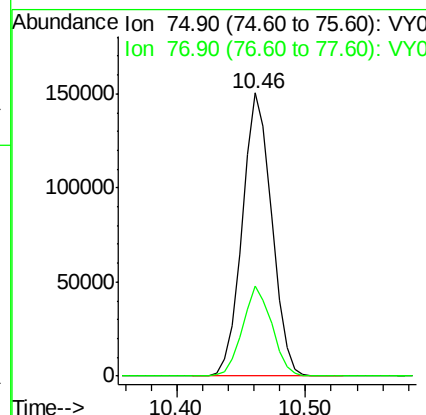
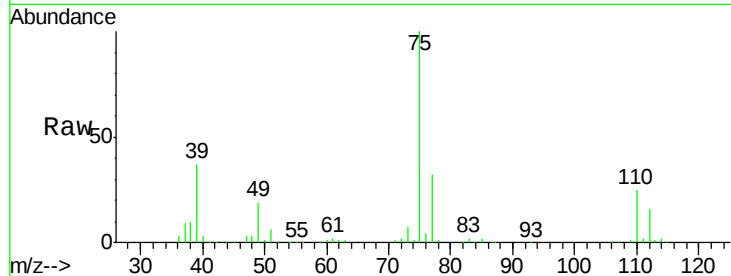
#53
 t-1,3-Dichloropropene
 Concen: 54.544 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7

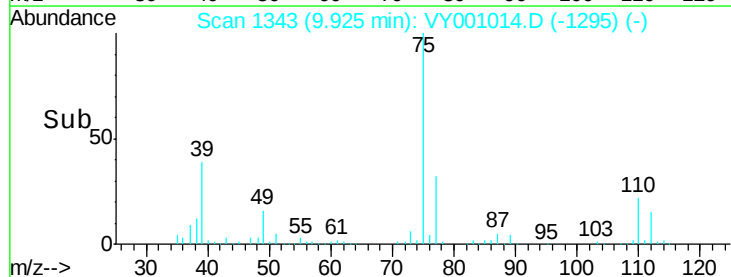
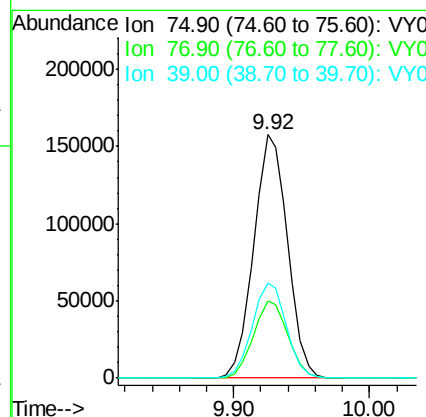
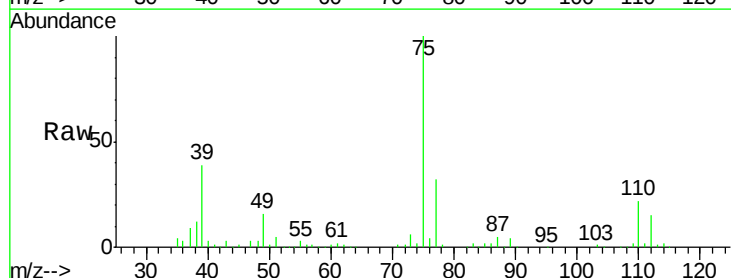
Manual Integrations
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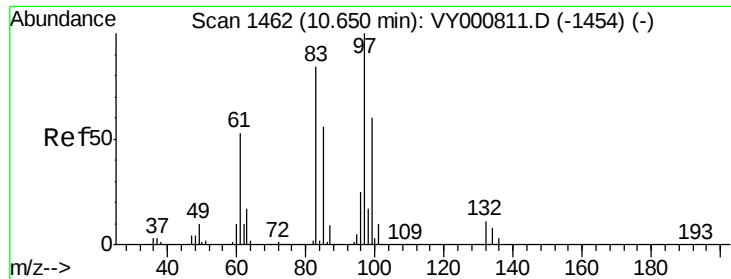
MMDadoda
 12/20/2019 10:37:11 AM



#54
 cis-1,3-Dichloropropene
 Concen: 53.265 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	39.3	34.5	51.7





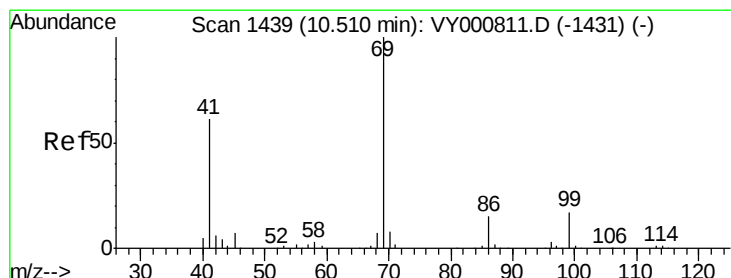
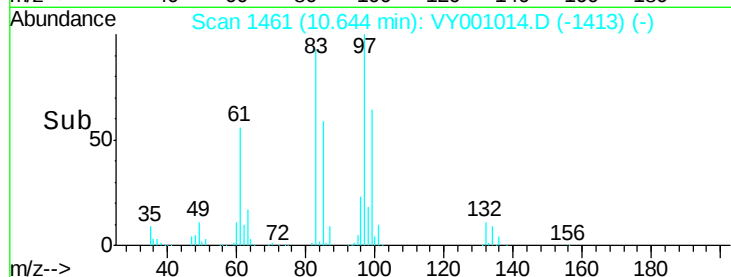
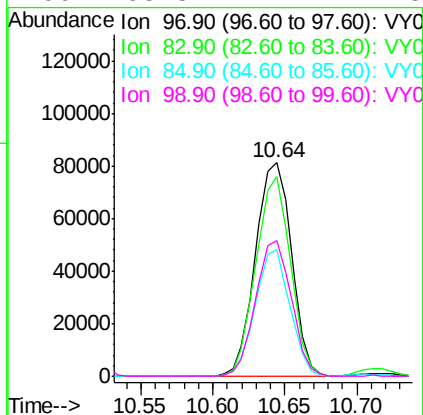
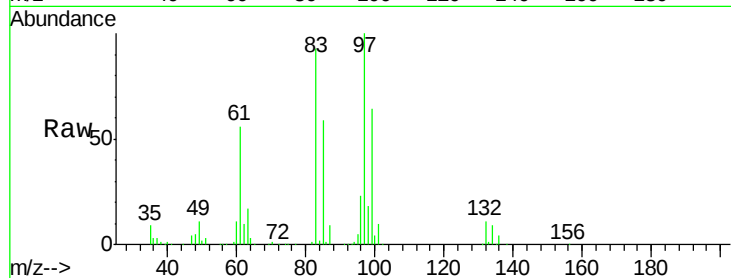
#55
 1,1,2-Trichloroethane
 Concen: 55.263 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	140964
Ion	Ratio	Lower	Upper
97	100		
83	93.2	67.5	101.3
85	59.3	44.5	66.7
99	63.8	47.7	71.5

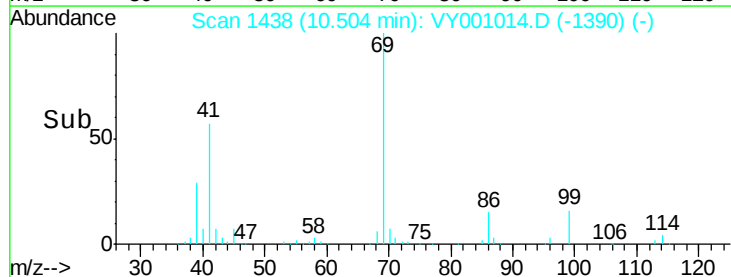
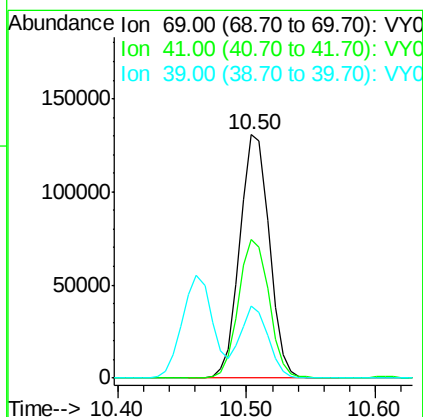
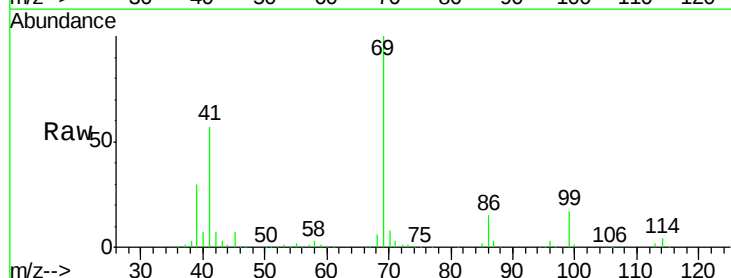
Manual Integrations
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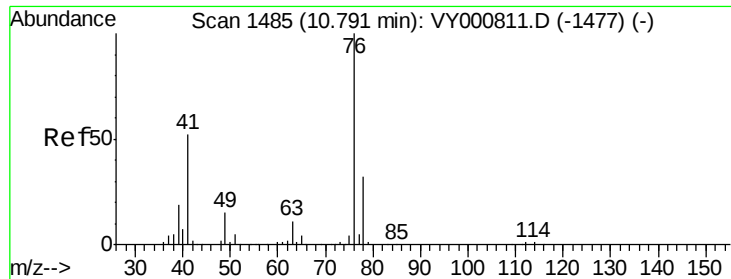
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 56.797 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion:	69	Resp:	207253
Ion	Ratio	Lower	Upper
69	100		
41	58.8	49.0	73.6
39	27.6	23.1	34.7





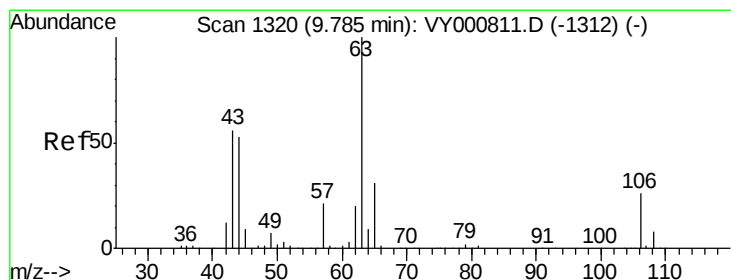
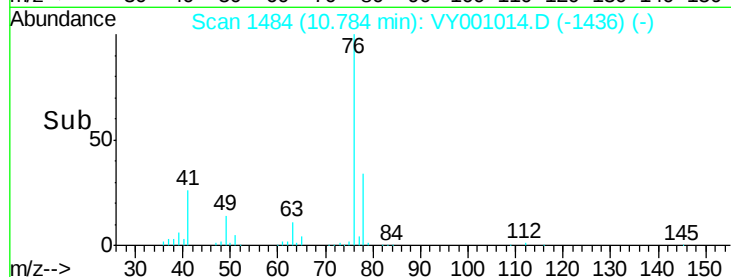
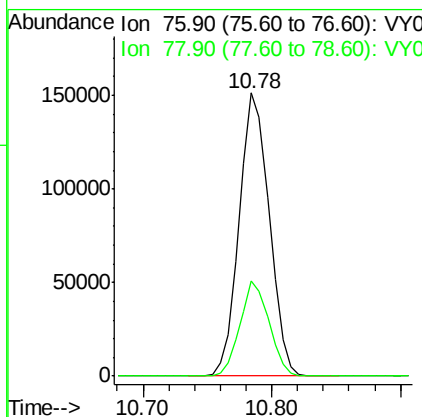
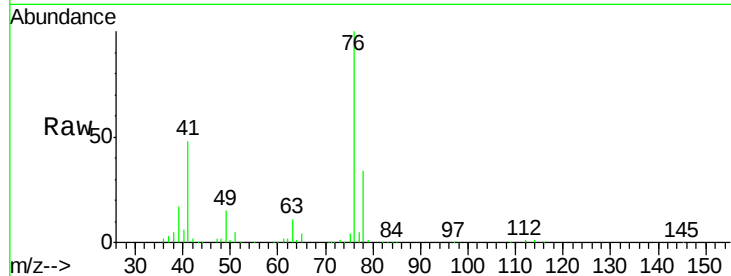
#57
 1,3-Dichloropropane
 Concen: 54.930 ug/l
 RT: 10.78 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 244205
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6

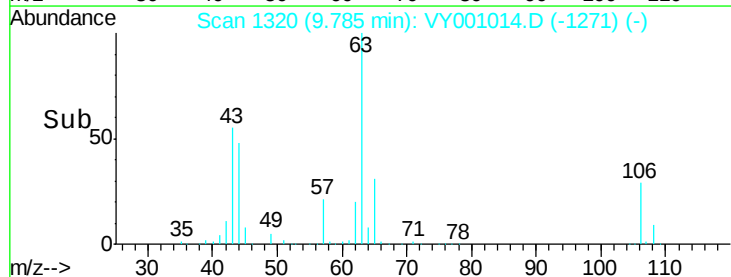
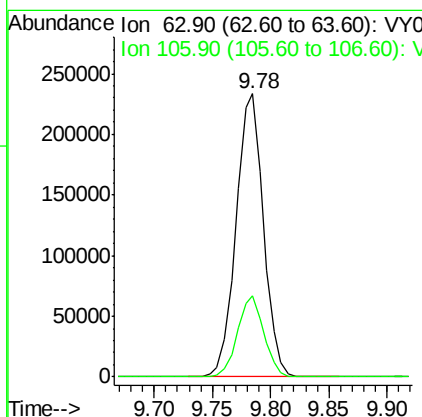
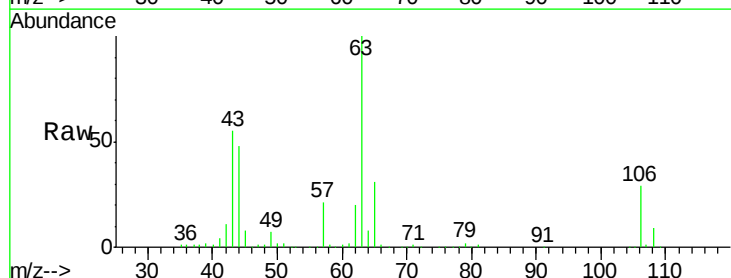
Manual Integrations
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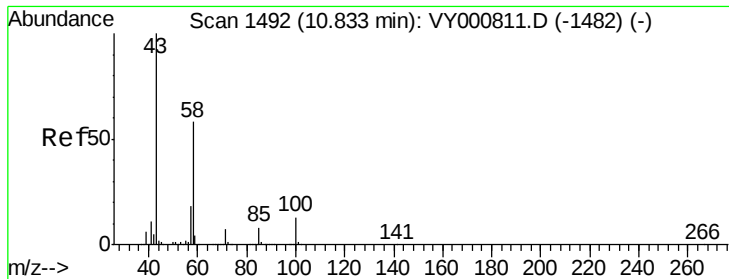
MMDadoda
 12/20/2019 10:37:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.202 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion: 63 Resp: 381368
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.5 32.3





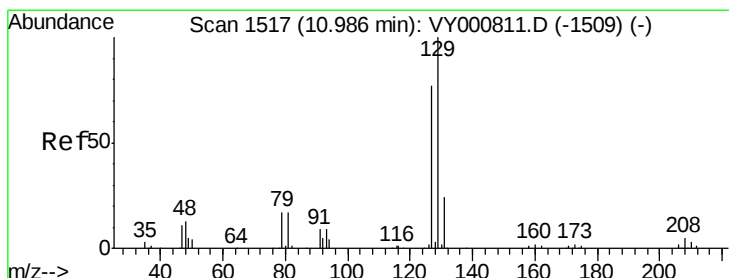
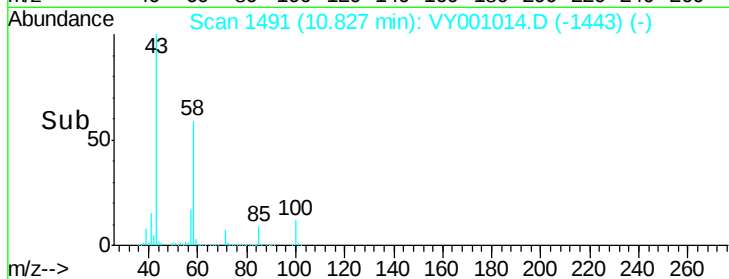
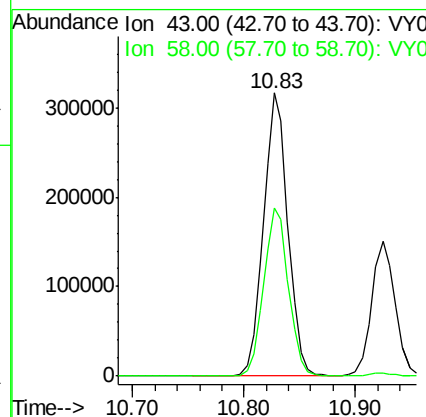
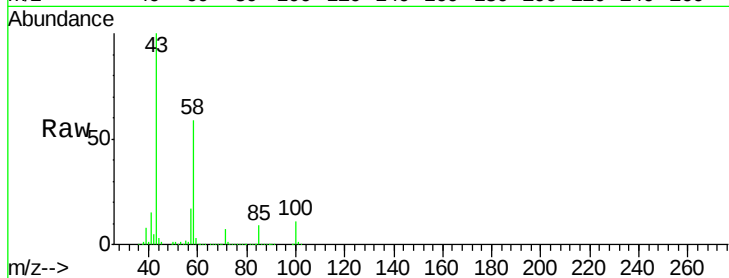
#59
2-Hexanone
Concen: 261.106 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 483093
Ion Ratio Lower Upper
43 100
58 60.2 29.0 87.1

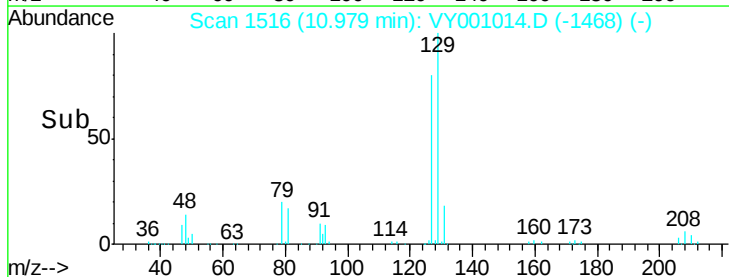
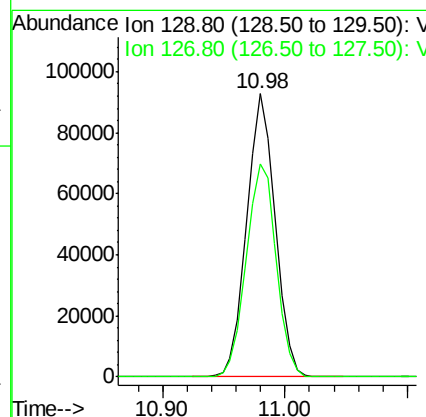
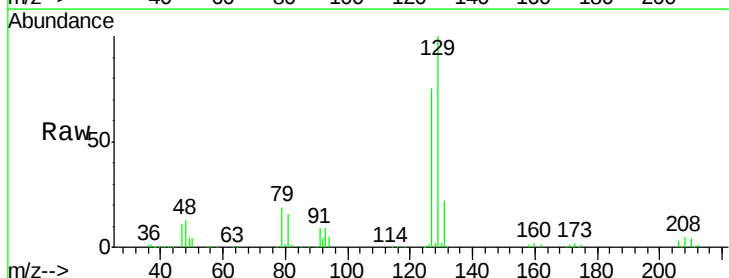
Manual Integrations
APPROVED

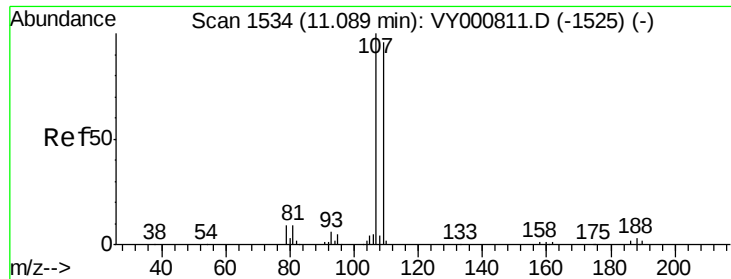
MMDadoda
12/20/2019 10:37:11 AM



#60
Dibromochloromethane
Concen: 54.701 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion: 129 Resp: 150206
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





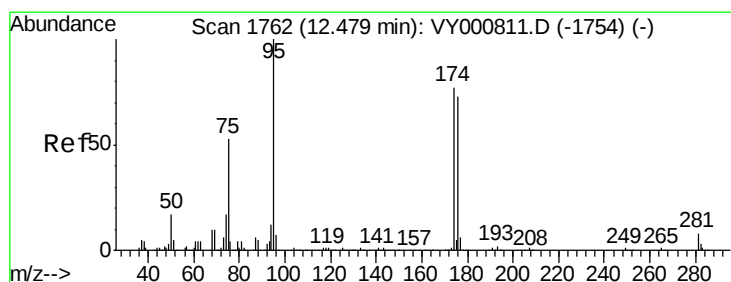
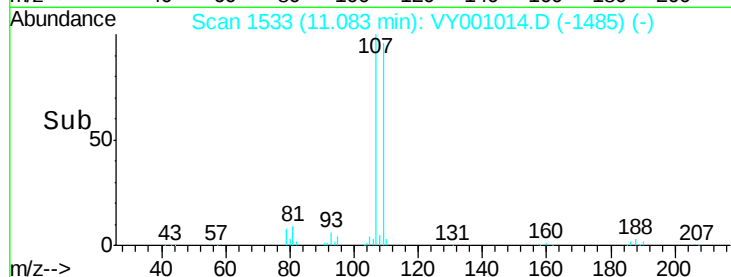
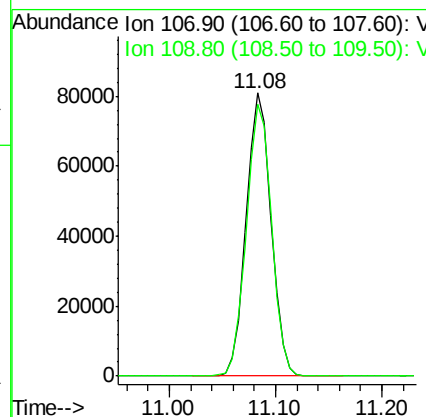
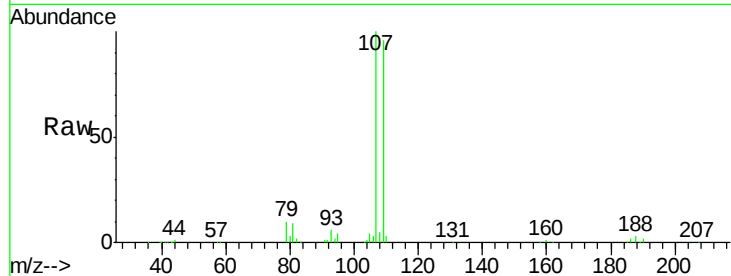
#61
 1,2-Dibromoethane
 Concen: 55.395 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.3	75.9	113.9

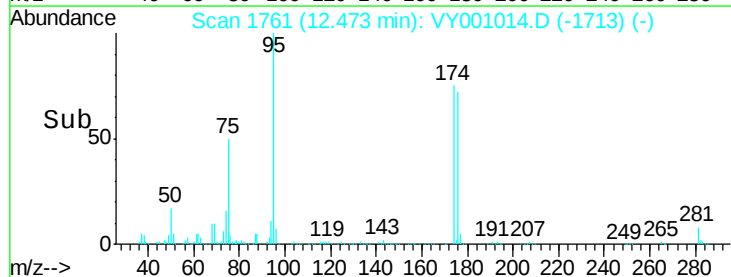
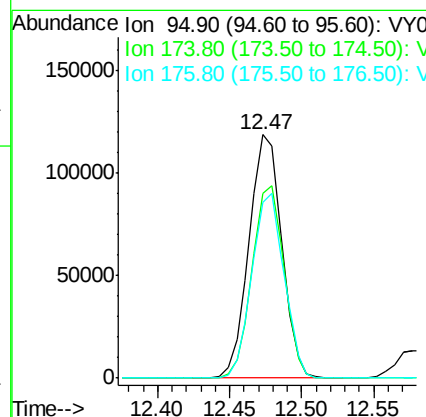
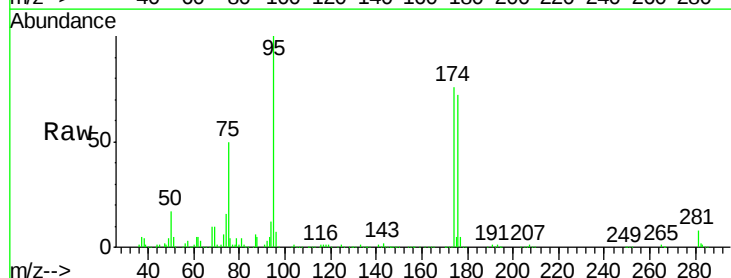
Manual Integrations
 APPROVED

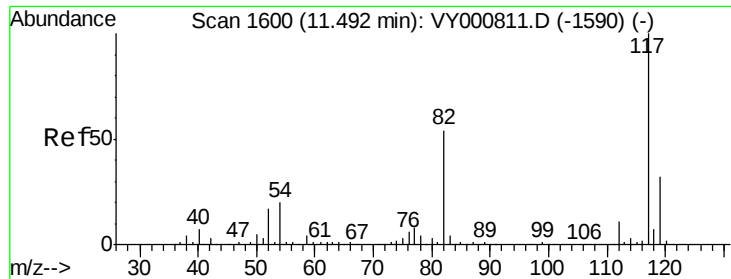
MMDadoda
 12/20/2019 10:37:11 AM



#62
 4-Bromofluorobenzene
 Concen: 46.836 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	150.6
176	74.8	0.0	145.2





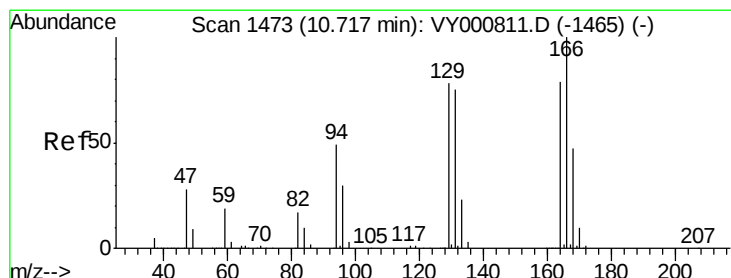
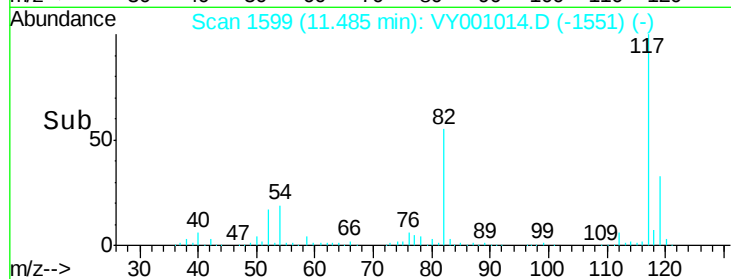
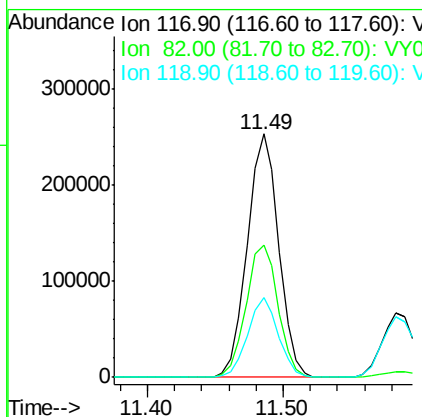
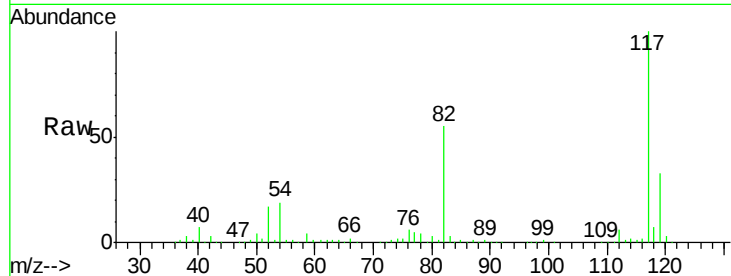
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.1	64.7
119	33.0	25.3	37.9

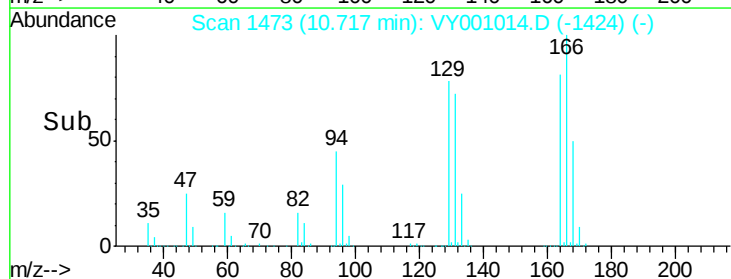
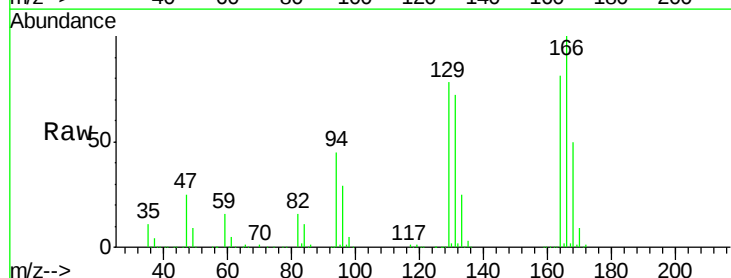
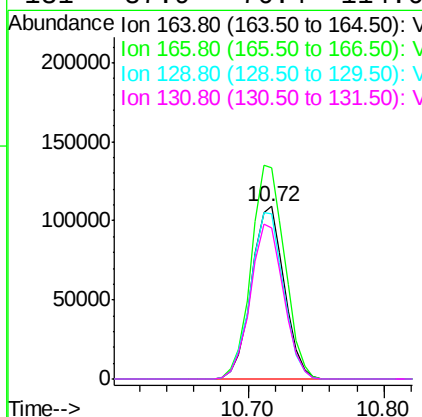
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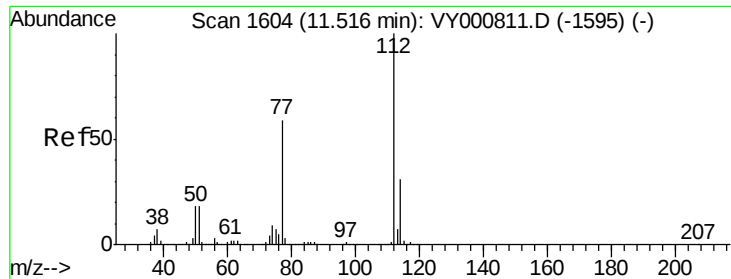
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#64
Tetrachloroethene
Concen: 51.923 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	101.8	152.8
129	95.8	79.3	118.9
131	87.9	76.4	114.6





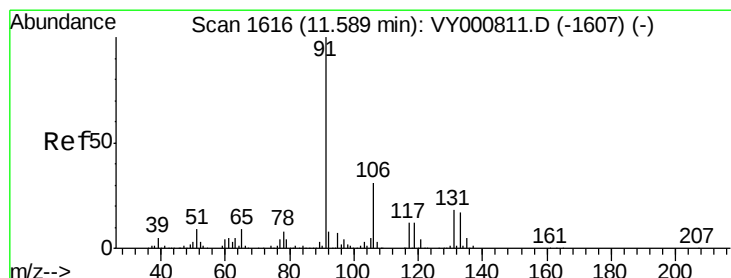
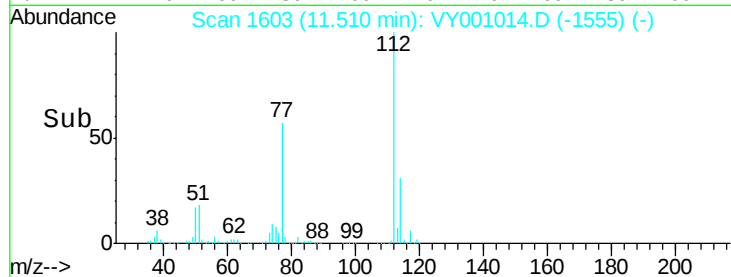
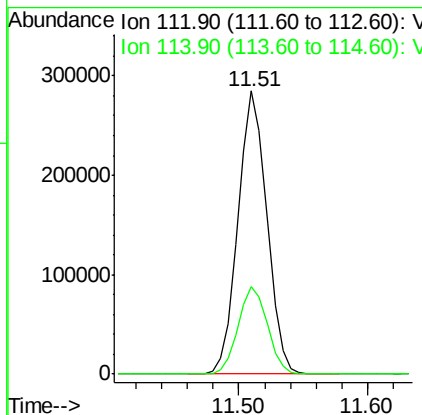
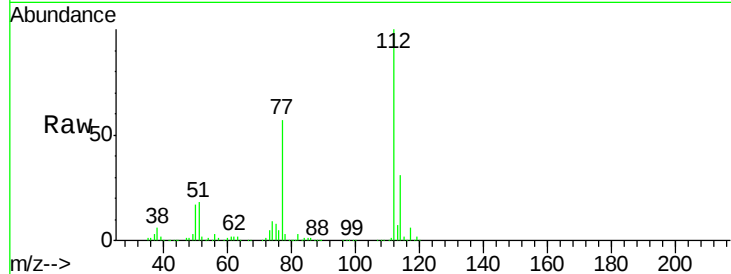
#65
Chlorobenzene
Concen: 51.772 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 440264
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

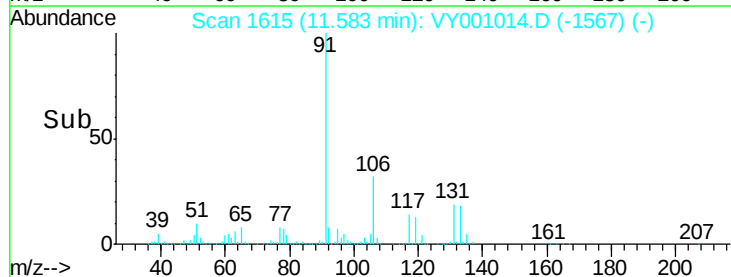
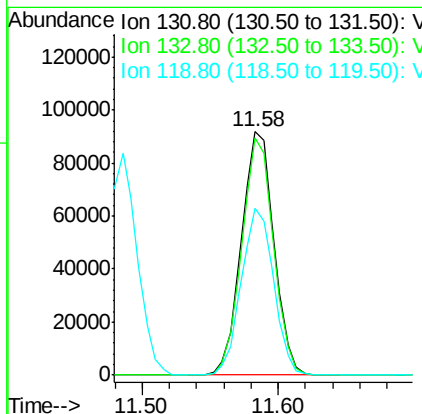
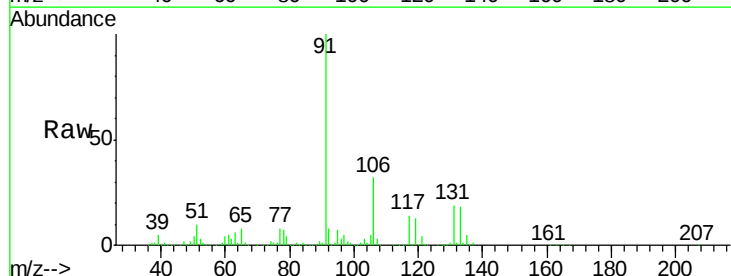
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.551 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion:131 Resp: 153469
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 68.1 33.8 101.3





#67

Ethyl Benzene

Concen: 50.680 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 802652

Ion Ratio Lower Upper

91 100

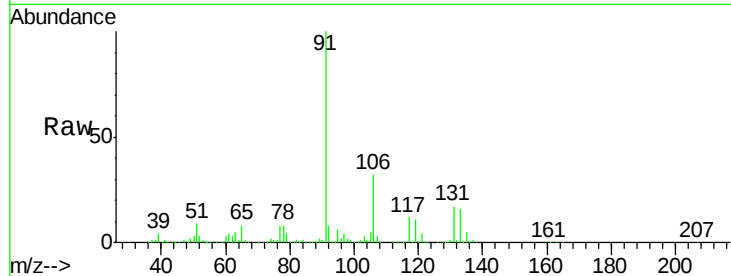
106 32.0 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY000811.D (-1608) (-)

600000

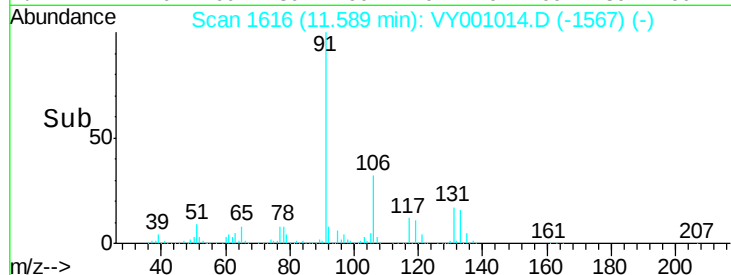
400000

200000

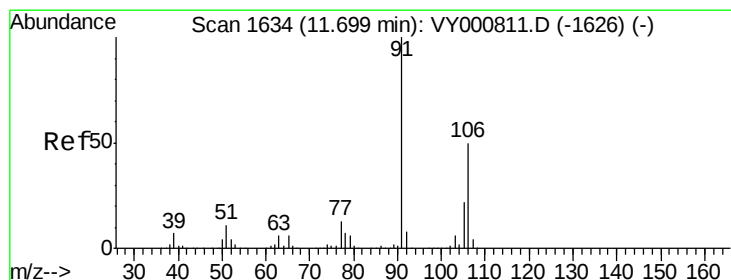
0

11.50 11.60

11.59



Time-->



#68

m/p-Xylenes

Concen: 101.112 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001014.D

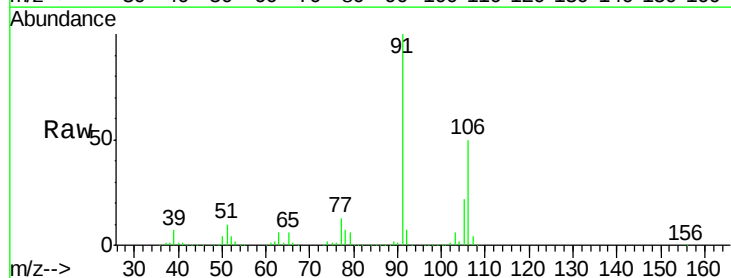
Acq: 19 Dec 2019 17:25

Tgt Ion: 106 Resp: 601064

Ion Ratio Lower Upper

106 100

91 199.1 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): VY000811.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1626) (-)

600000

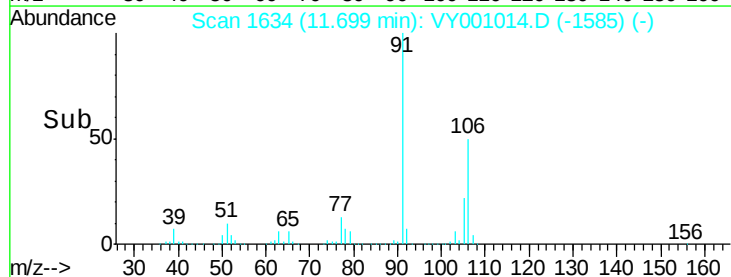
400000

200000

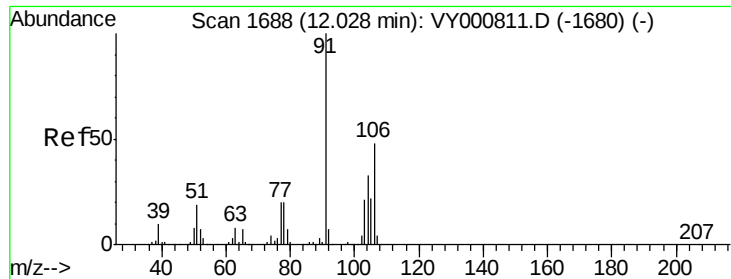
0

11.60 11.70 11.80

11.70



Time-->



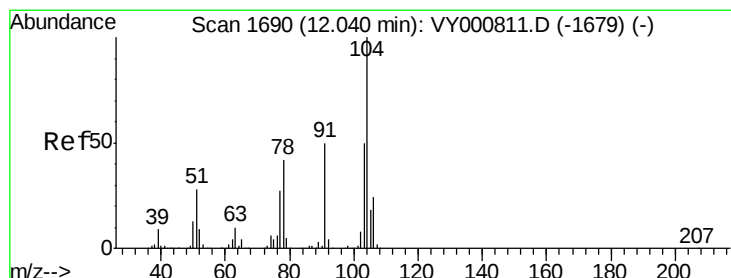
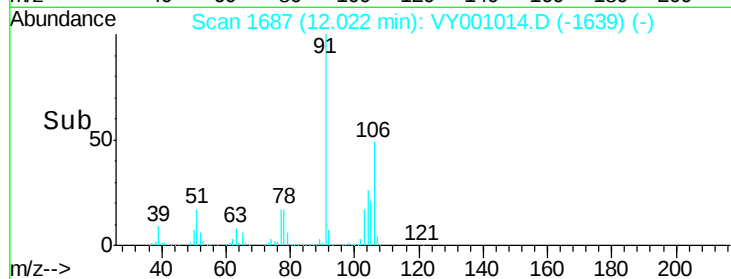
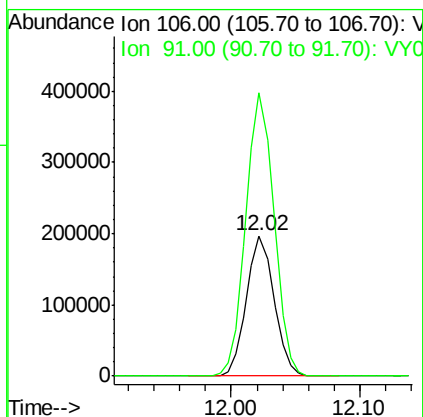
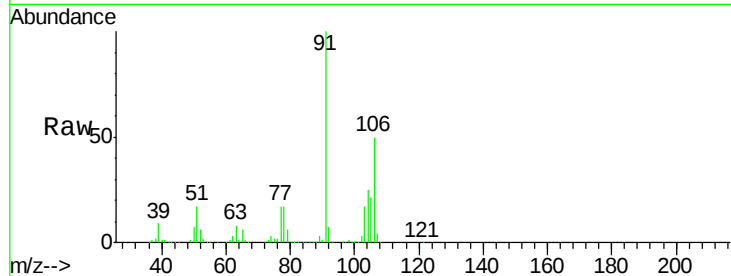
#69
o-Xylene
Concen: 52.678 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		291980		
91	205.5	106.1	318.1		

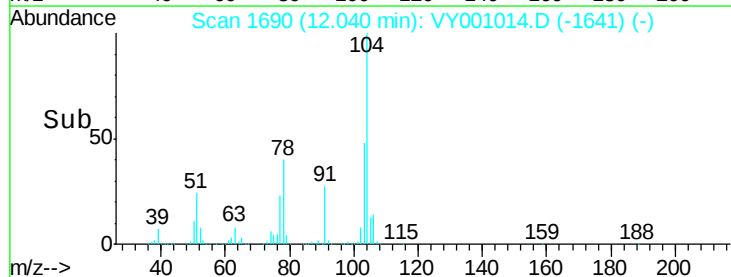
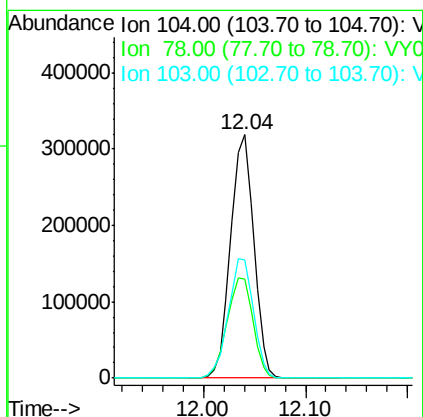
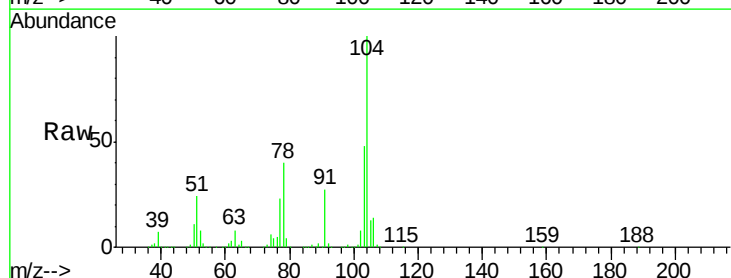
Manual Integrations
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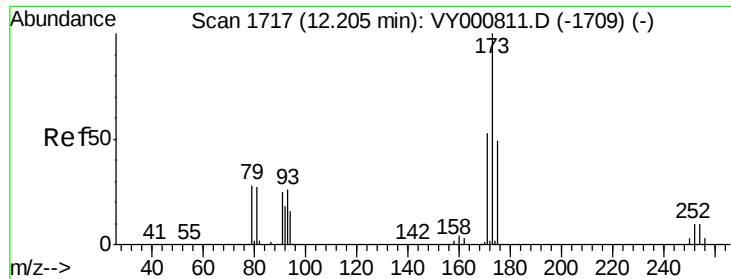
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#70
Styrene
Concen: 52.847 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		501560		
78	46.2	38.2	57.4		
103	53.4	43.4	65.0		





#71

Bromoform

Concen: 55.265 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 89328

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

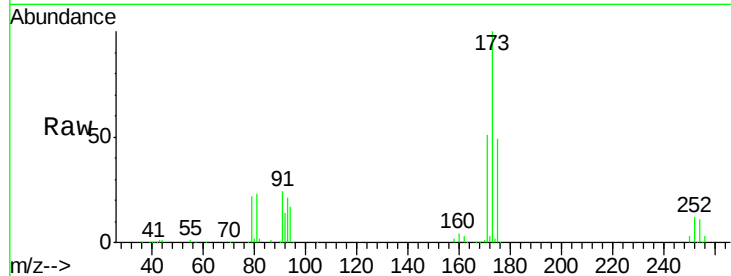
254 0.1 0.0 0.0#

Manual Integrations

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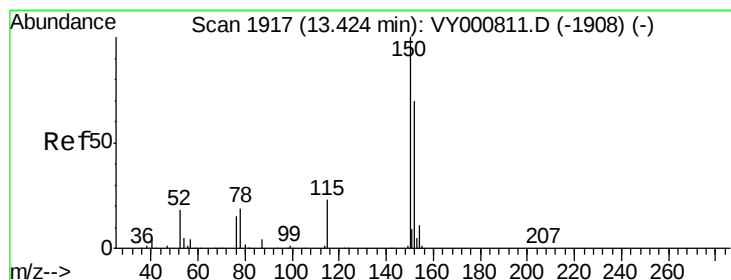
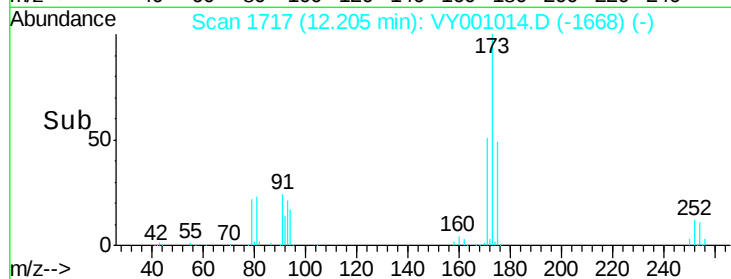
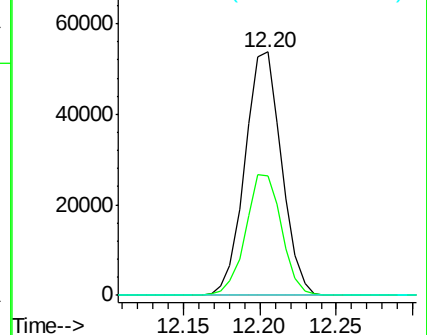
12/20/2019 10:37:11 AM



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# 1916

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

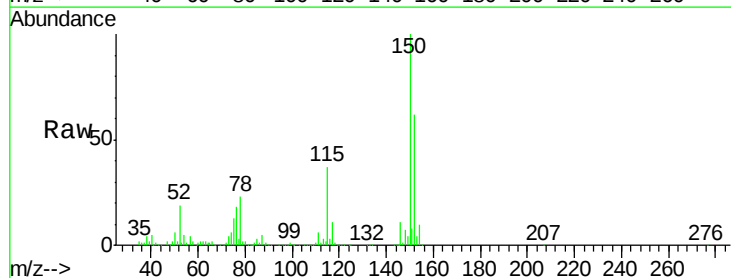
Tgt Ion:152 Resp: 189416

Ion Ratio Lower Upper

152 100

115 59.6 29.3 87.8

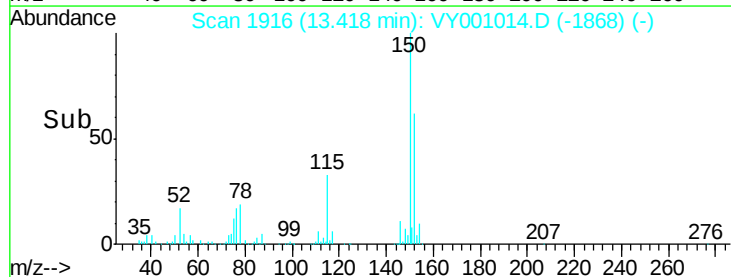
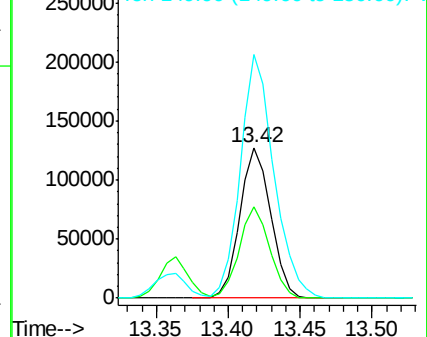
150 176.0 0.0 351.2

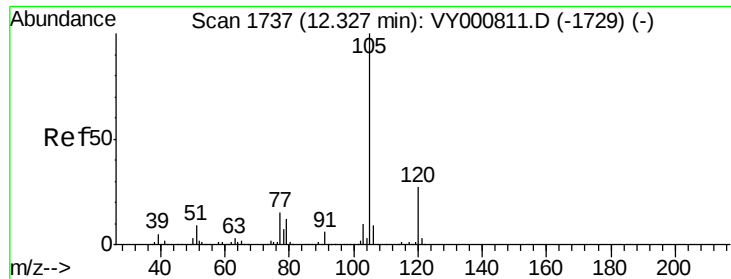


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





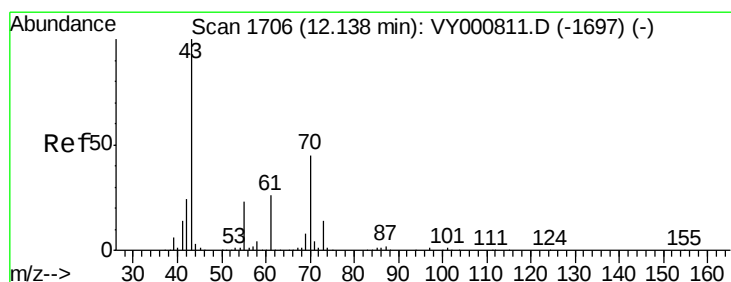
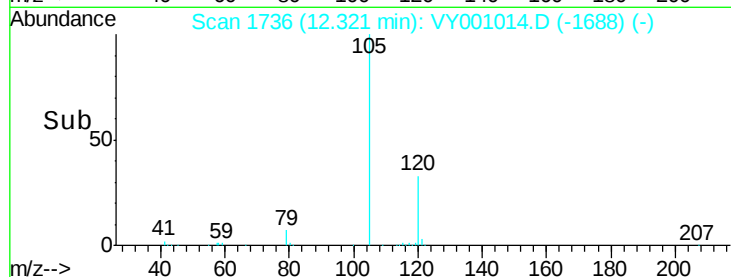
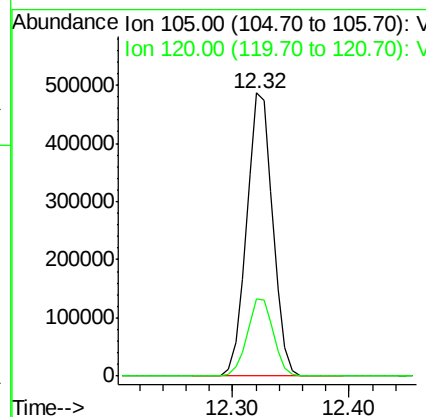
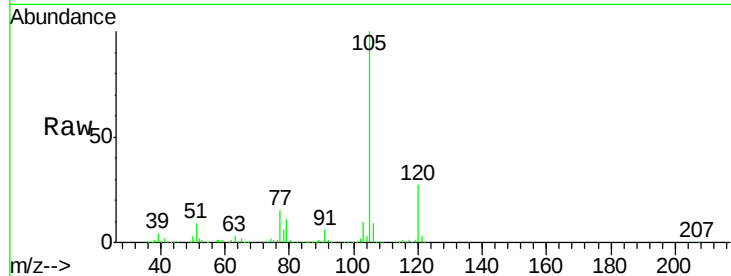
#73
Isopropylbenzene
Concen: 50.298 ug/l
RT: 12.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.4	40.2

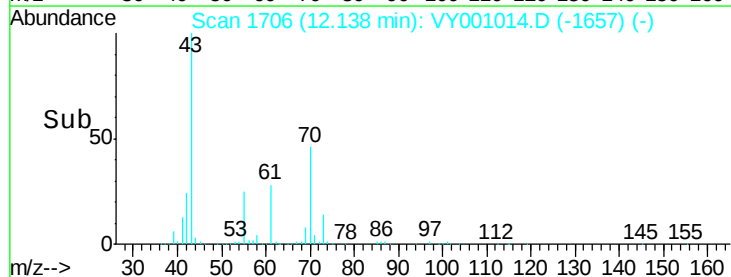
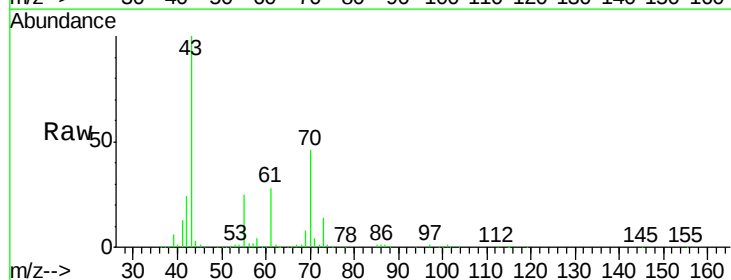
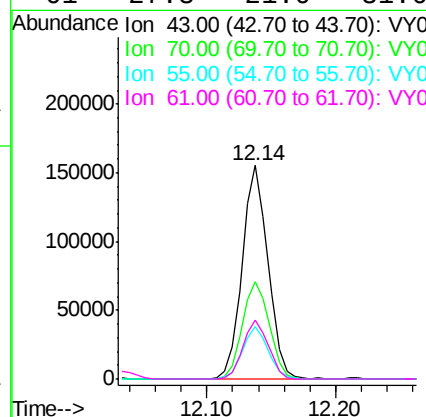
Manual Integrations
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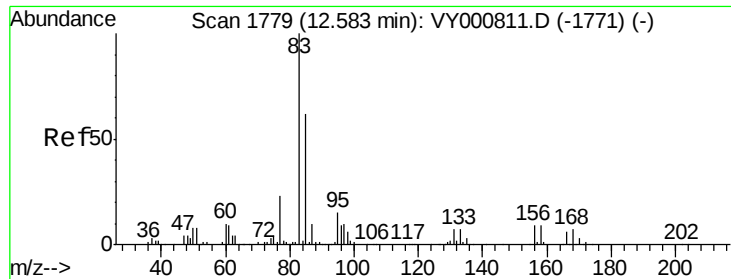
MMDadoda
12/20/2019 10:37:11 AM



#74
N-ethyl acetate
Concen: 51.069 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.9	36.6	54.8
55	24.5	18.8	28.2
61	27.3	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.813 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

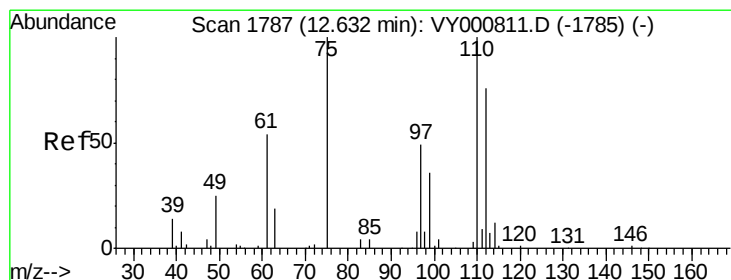
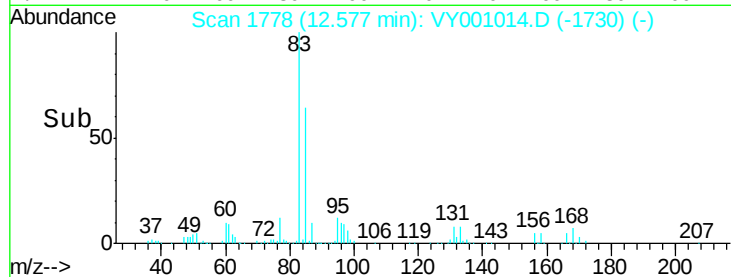
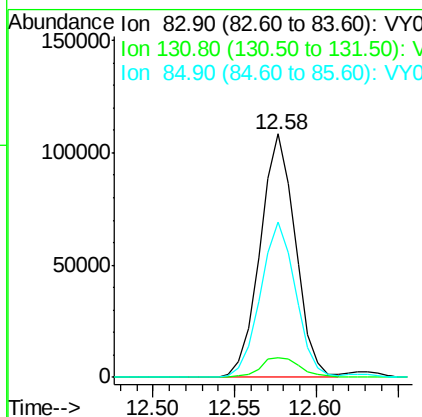
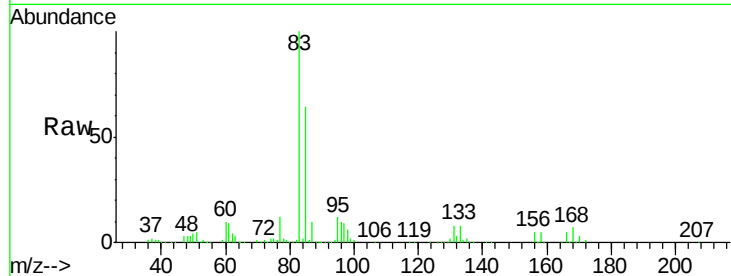
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	162886
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.3	13.1
85	63.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 58.174 ug/l m

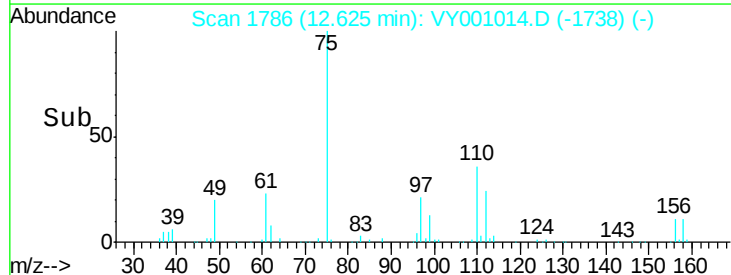
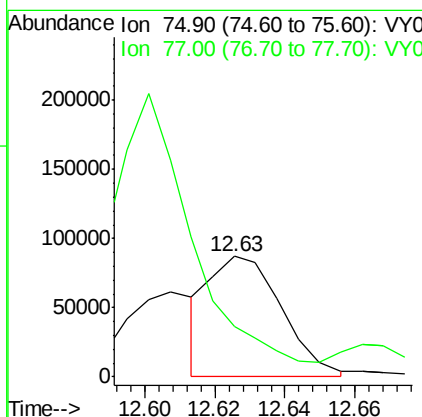
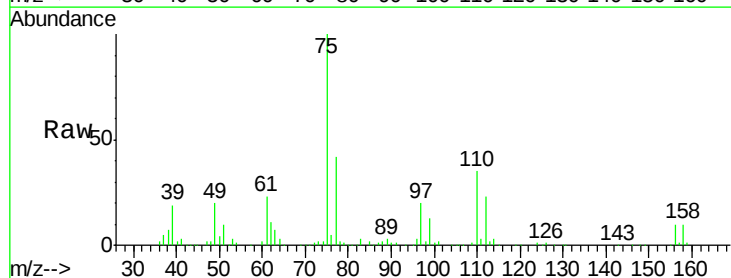
RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Tgt Ion:	75	Resp:	124846
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





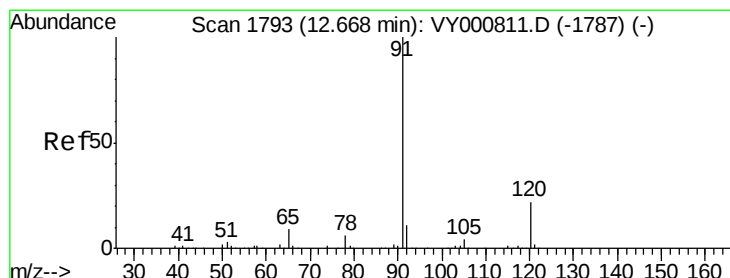
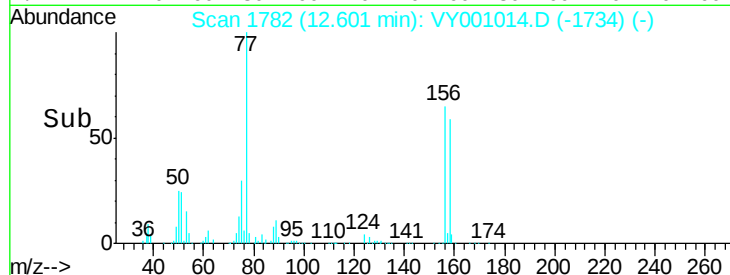
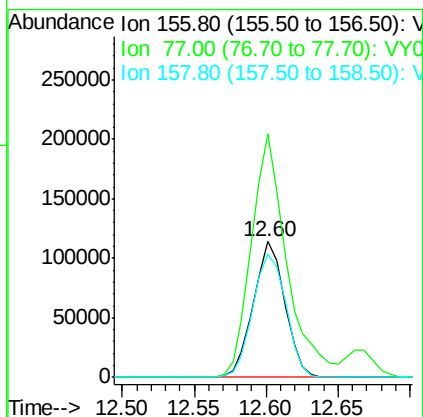
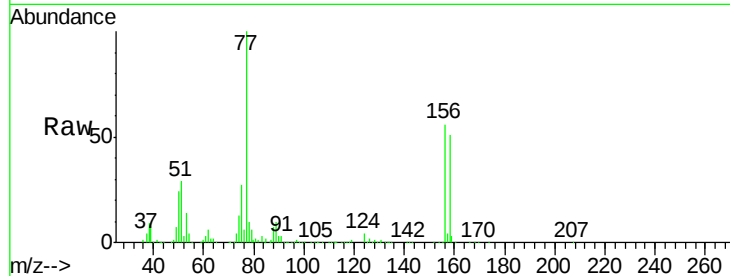
#77
Bromobenzene
Concen: 52.512 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	203.3	102.6	307.7
158	96.3	47.6	142.8

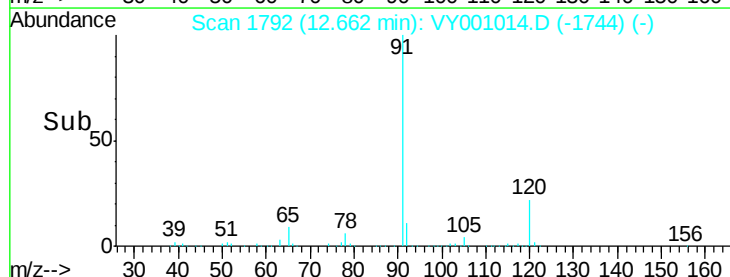
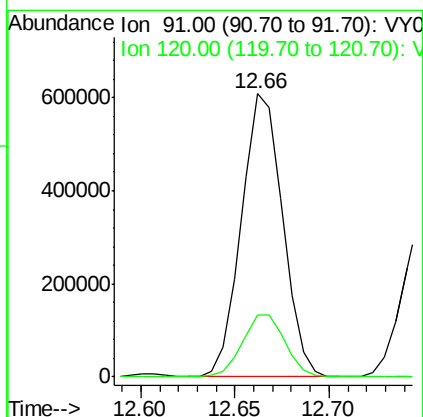
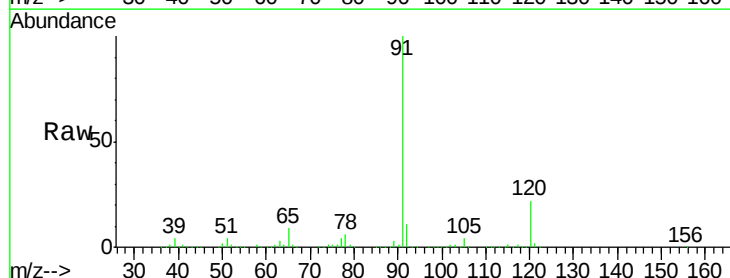
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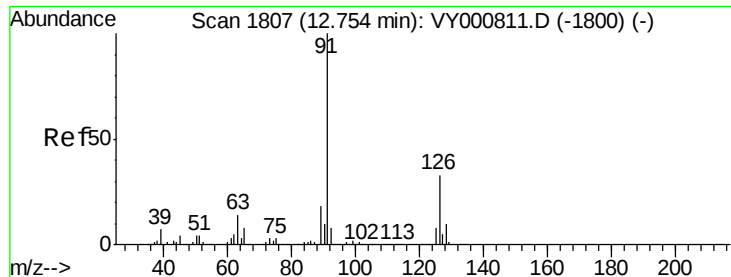
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#78
n-propylbenzene
Concen: 50.152 ug/l
RT: 12.66 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 50.111 ug/l

RT: 12.75 min Scan# 1806

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 509799

Ion Ratio Lower Upper

91 100

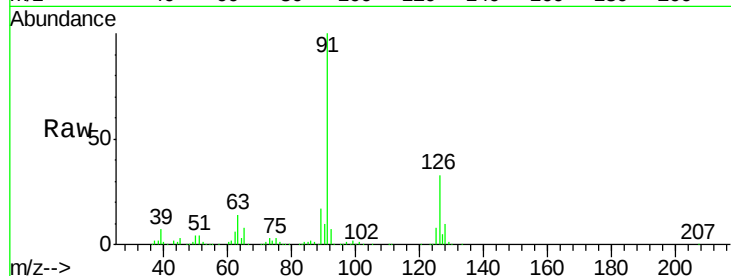
126 34.6 17.0 51.0

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

600000

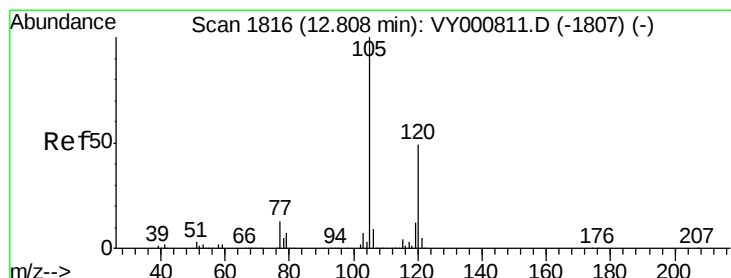
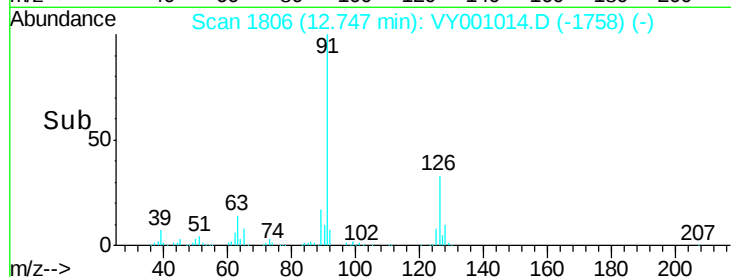
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.019 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001014.D

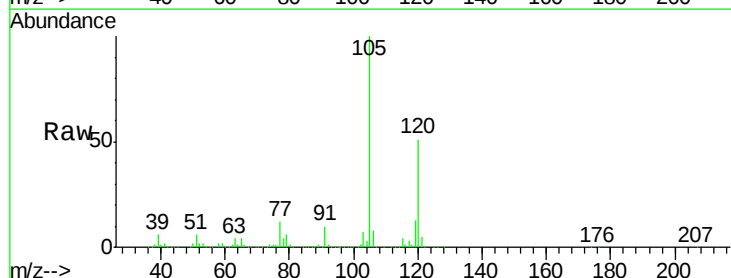
Acq: 19 Dec 2019 17:25

Tgt Ion: 105 Resp: 624602

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

500000

400000

300000

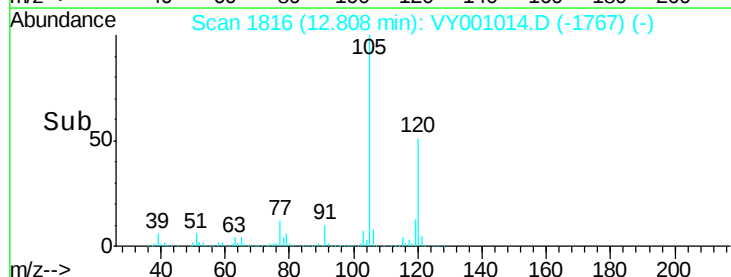
200000

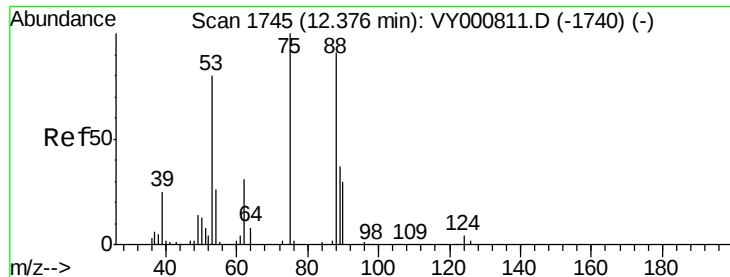
100000

0

12.75 12.80 12.85

Time-->





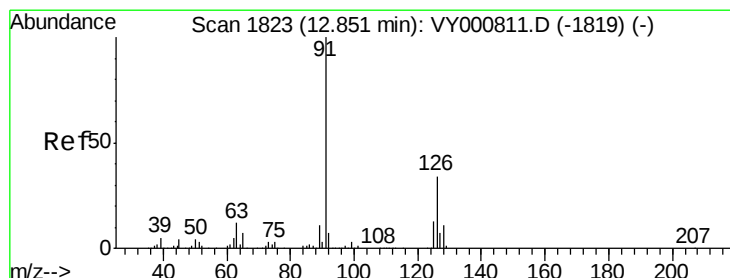
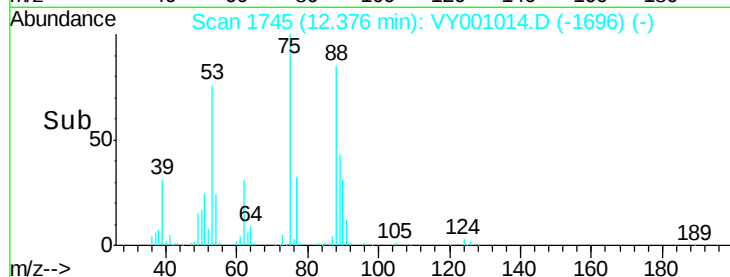
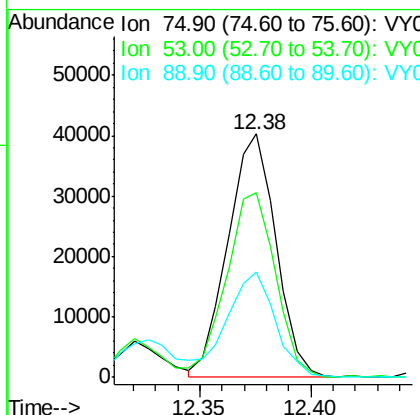
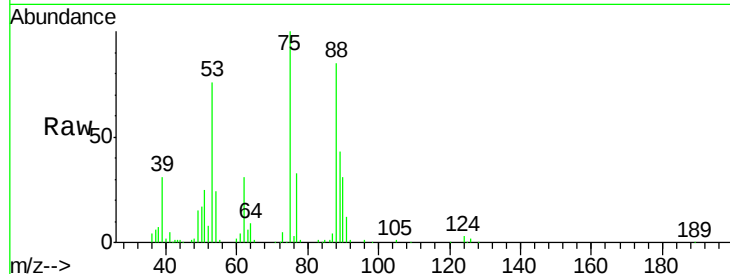
#81
trans-1,4-Dichloro-2-butene
Concen: 54.776 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
53	78.1	64.6	96.8	
89	44.6	33.6	50.4	

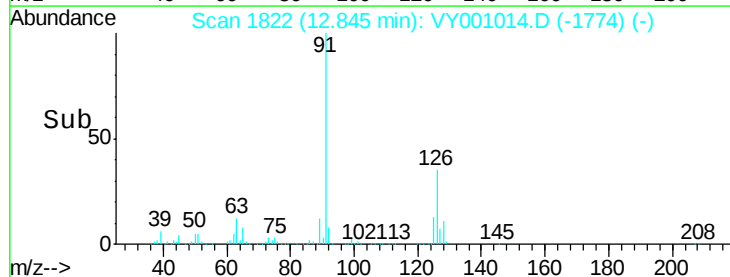
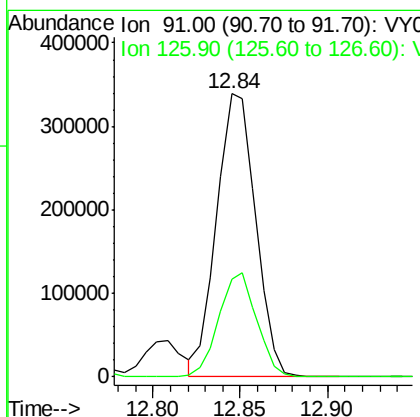
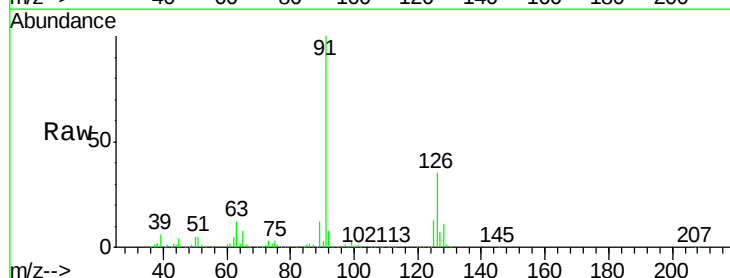
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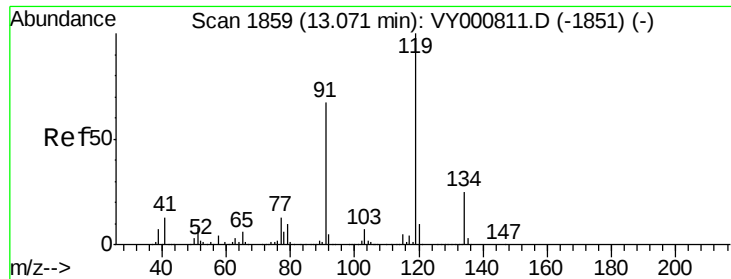
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#82
4-Chlorotoluene
Concen: 50.169 ug/l
RT: 12.84 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
126	35.7	17.3	51.9	





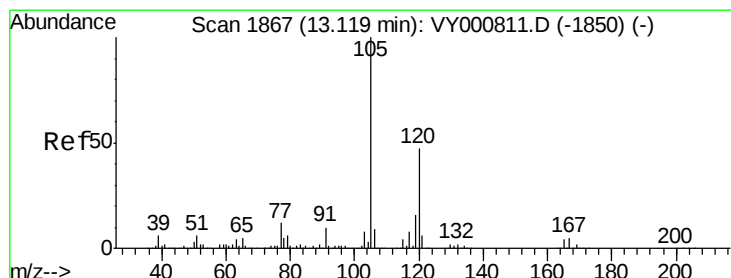
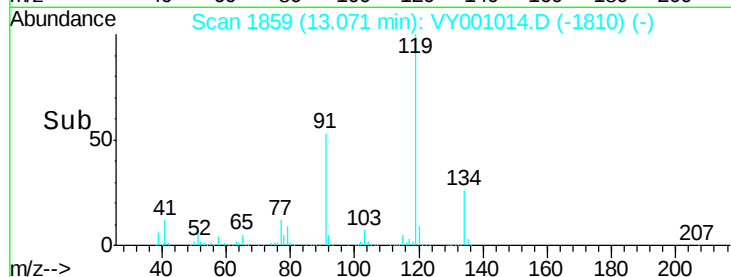
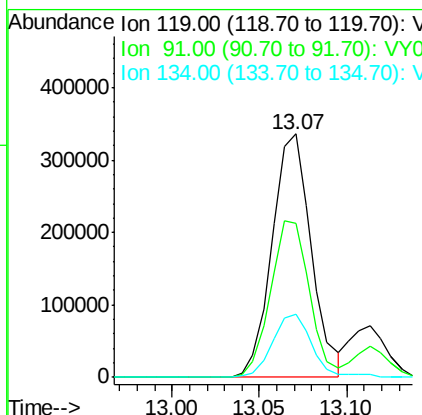
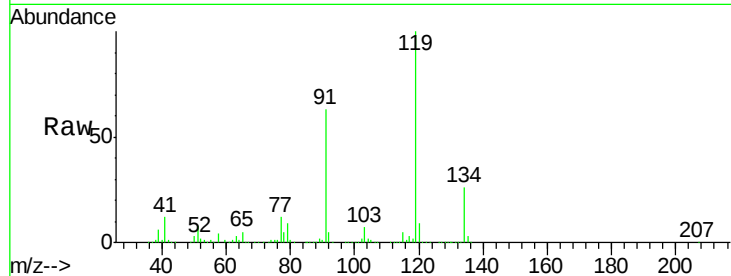
#83
tert-Butylbenzene
Concen: 50.162 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	526635		
91	63.9		32.3	96.8
134	26.3		12.9	38.7

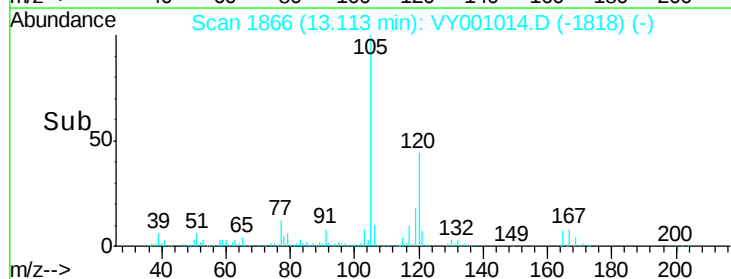
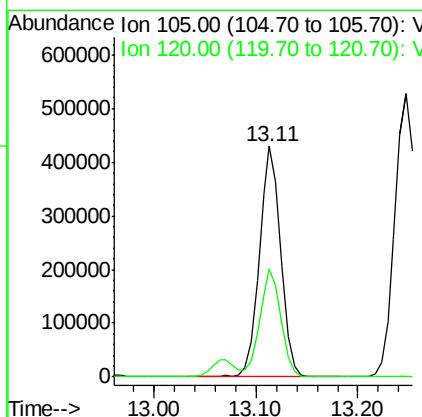
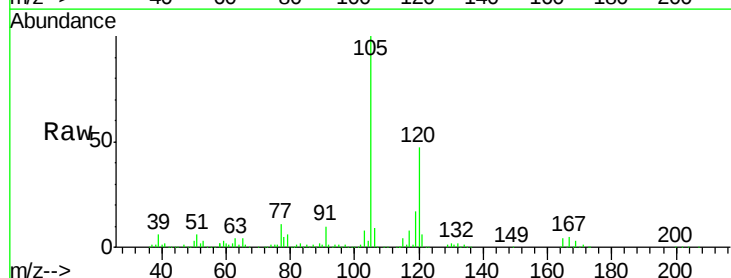
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#84
1,2,4-Trimethylbenzene
Concen: 50.233 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	627573		
120	45.8		22.6	67.8





#85

sec-Butylbenzene

Concen: 50.977 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 778348

Ion Ratio Lower Upper

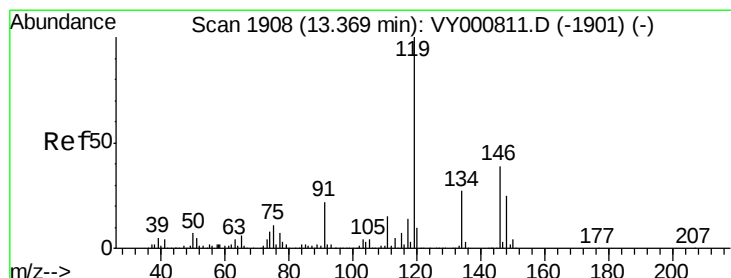
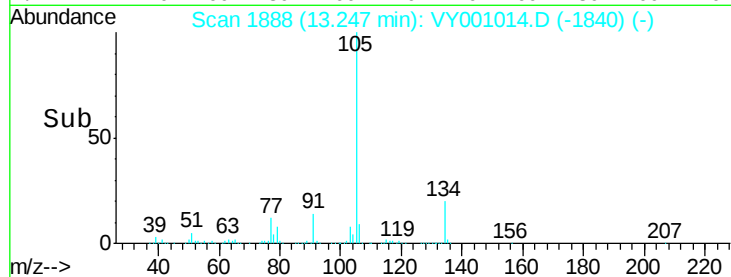
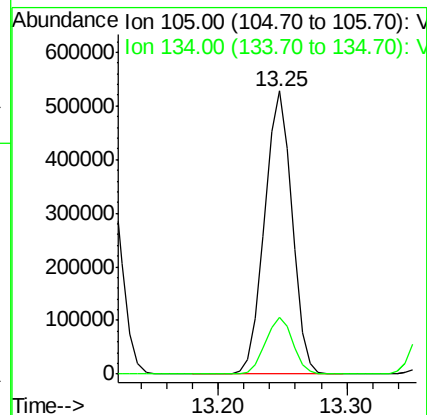
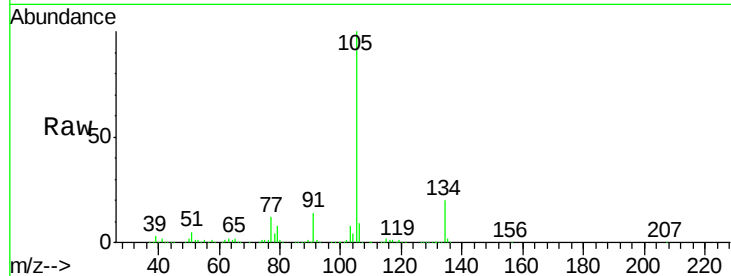
105 100

134 20.0 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 50.373 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY001014.D

Acq: 19 Dec 2019 17:25

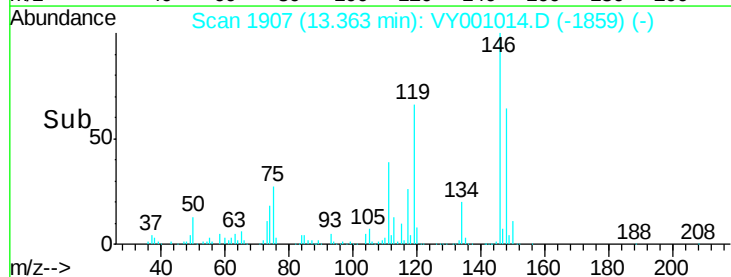
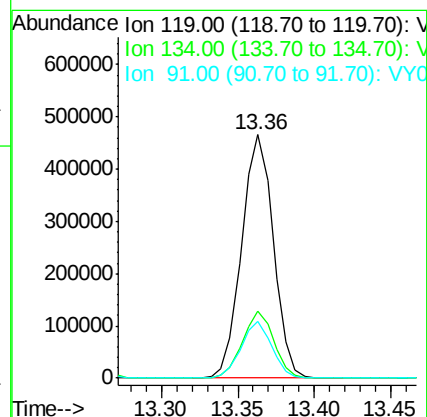
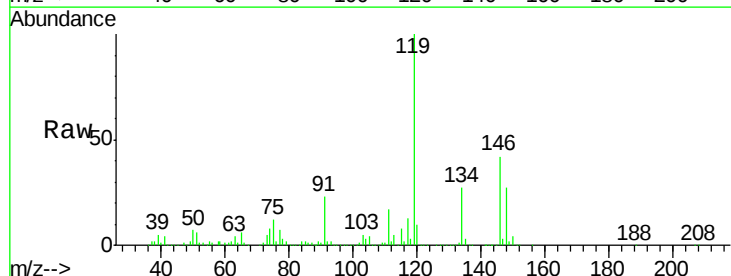
Tgt Ion:119 Resp: 668973

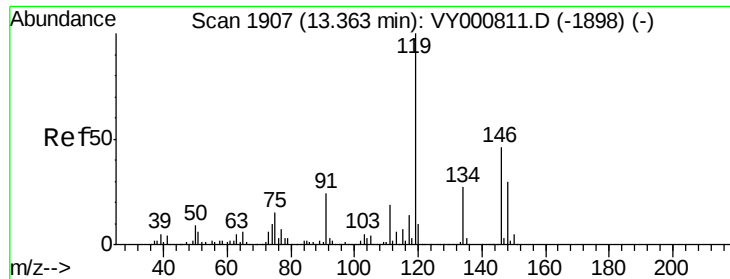
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.4 11.5 34.5





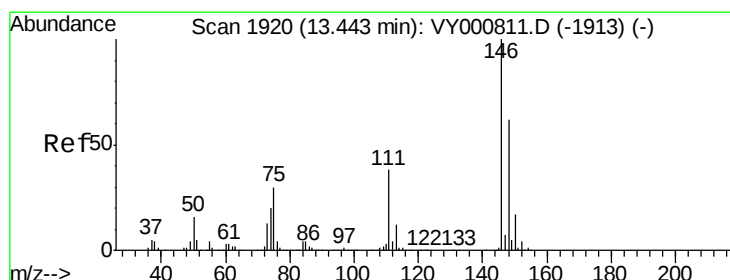
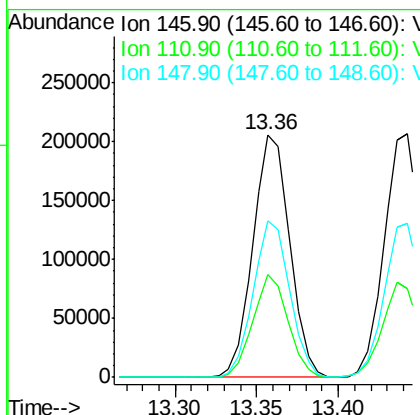
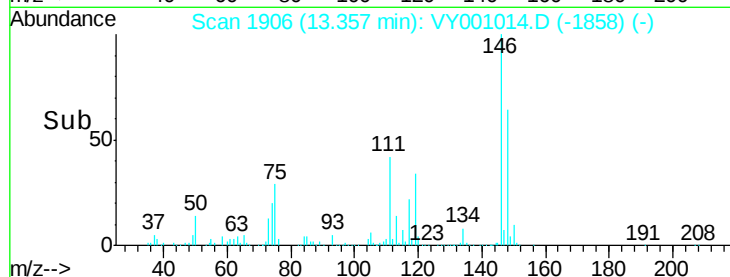
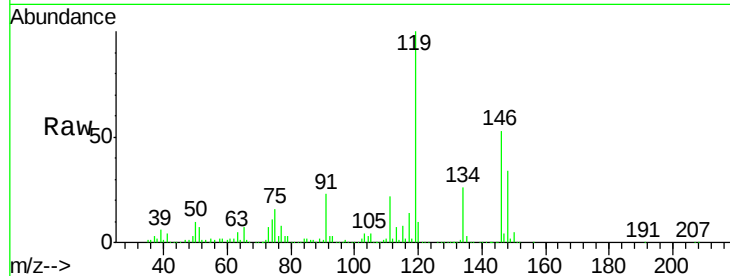
#87
 1,3-Dichlorobenzene
 Concen: 50.244 ug/l
 RT: 13.36 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.0	32.1	96.5

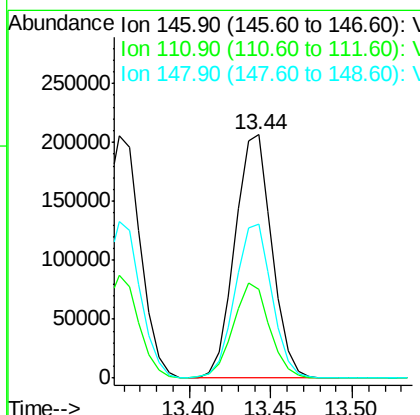
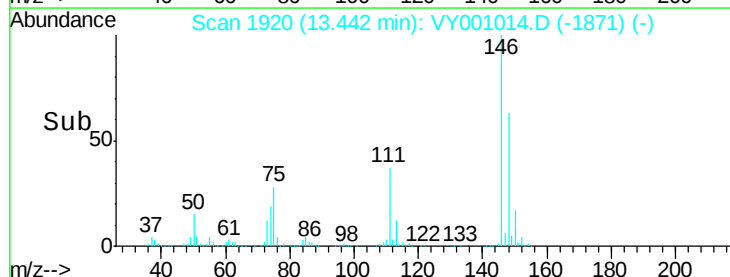
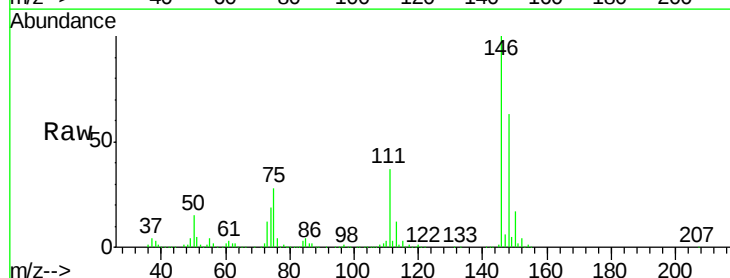
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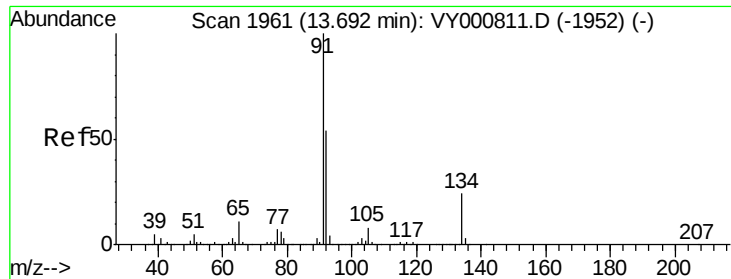
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#88
 1,4-Dichlorobenzene
 Concen: 51.210 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.0	59.9
148	63.4	31.7	95.1





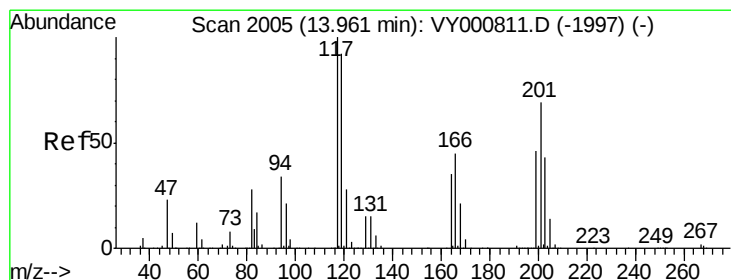
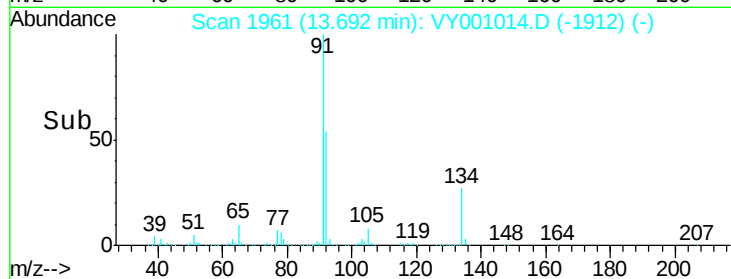
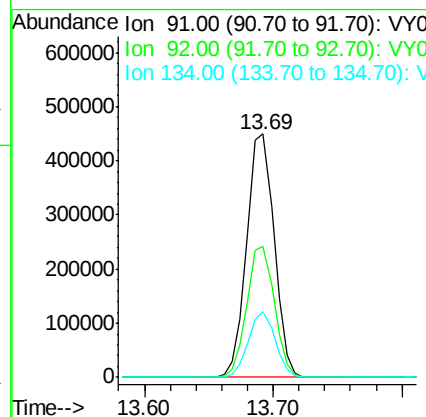
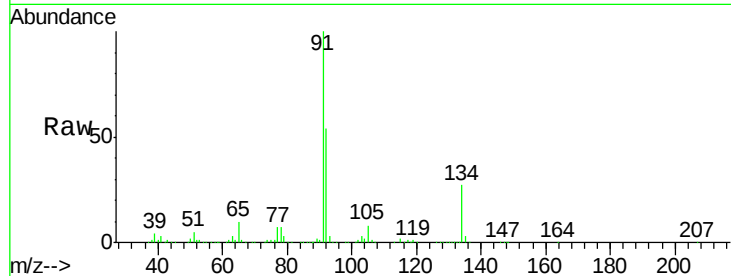
#89
n-Butylbenzene
Concen: 49.315 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	26.2	12.6	37.6

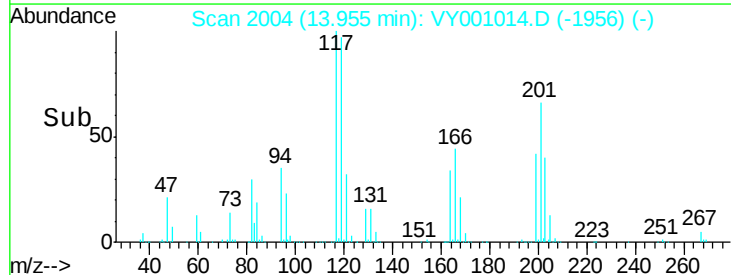
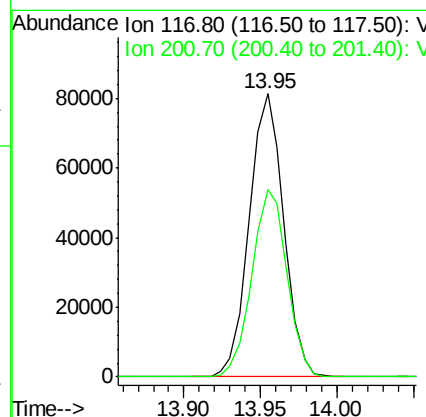
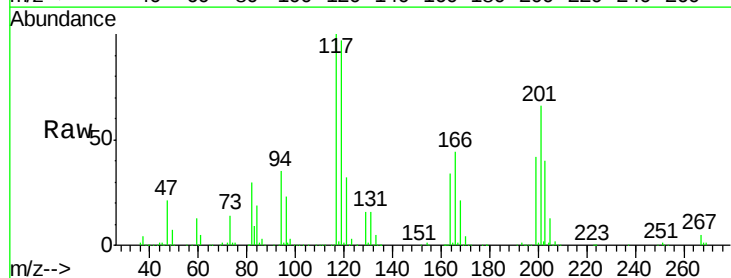
Manual Integrations
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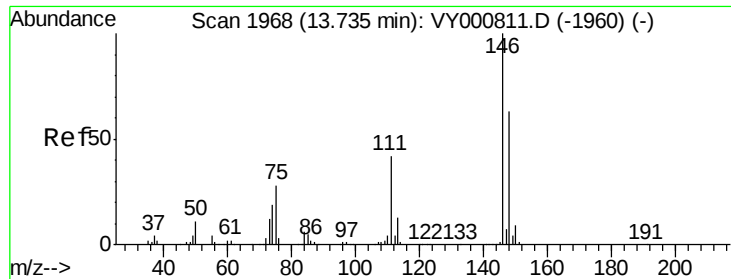
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#90
Hexachloroethane
Concen: 51.936 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.0	102.0





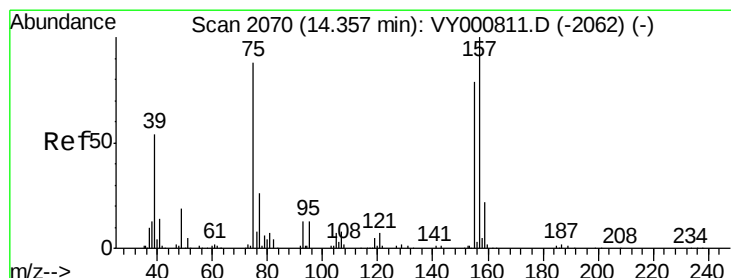
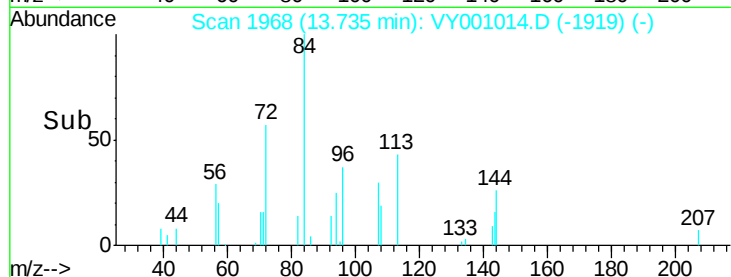
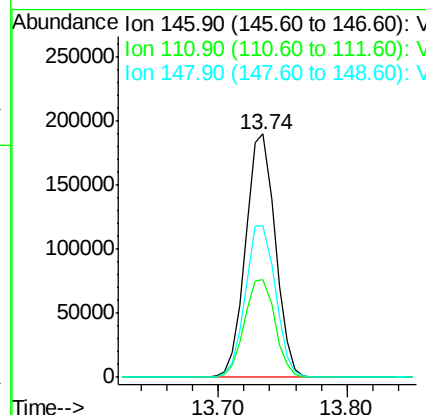
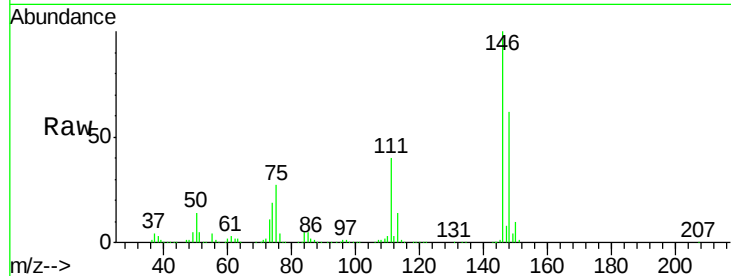
#91
 1,2-Dichlorobenzene
 Concen: 52.324 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	63.4	32.1	96.3

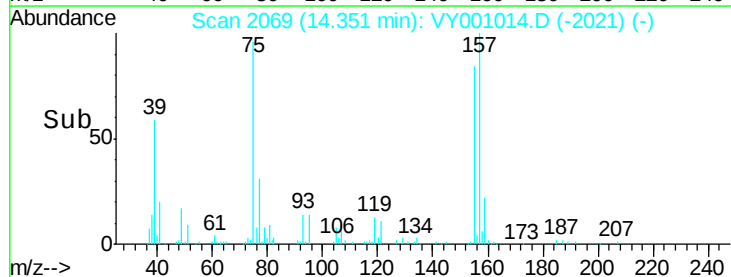
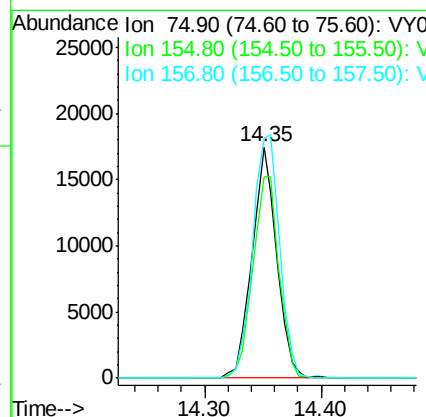
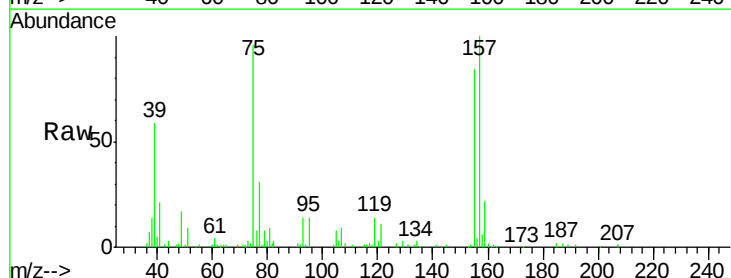
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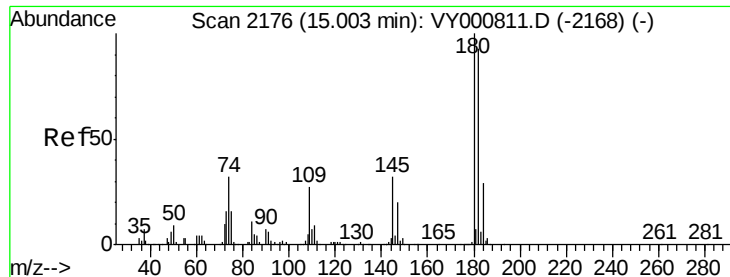
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.857 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	44.3	132.9
157	115.1	56.3	168.9





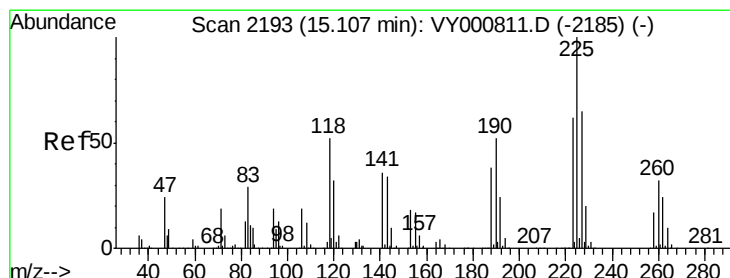
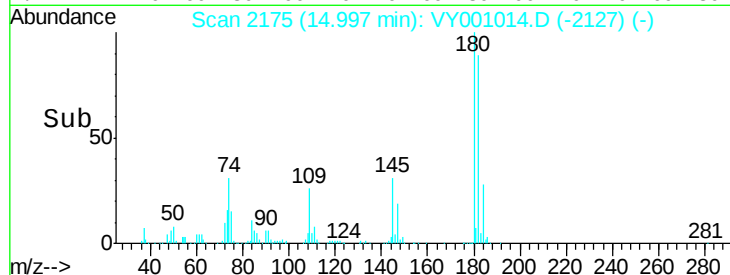
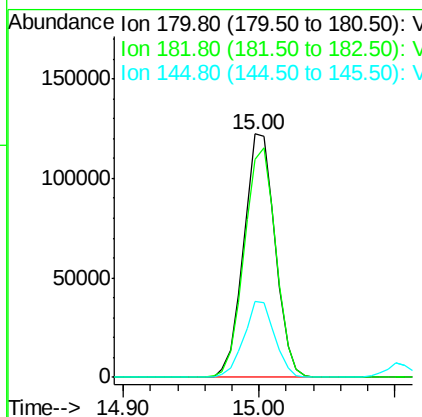
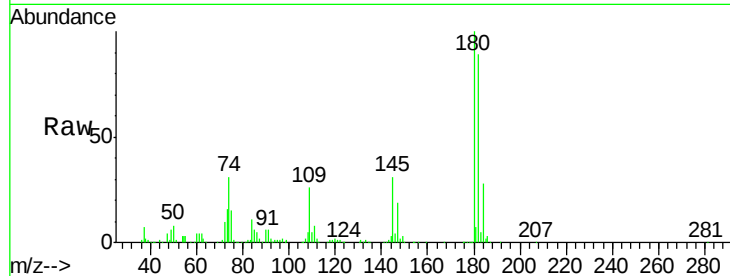
#93
 1,2,4-Trichlorobenzene
 Concen: 50.763 ug/l
 RT: 15.00 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198150		
182	94.5	47.3	141.9	
145	30.3	16.0	47.9	

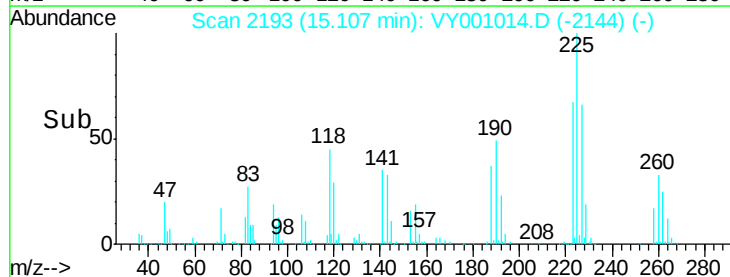
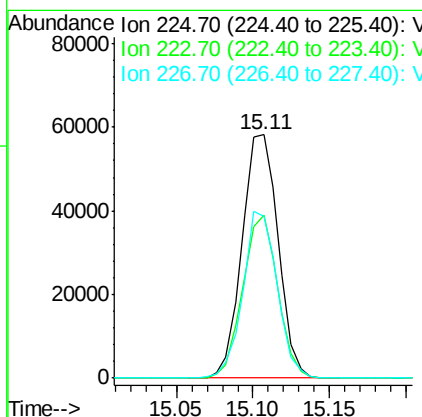
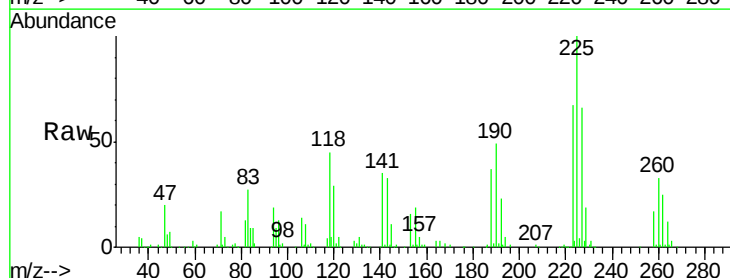
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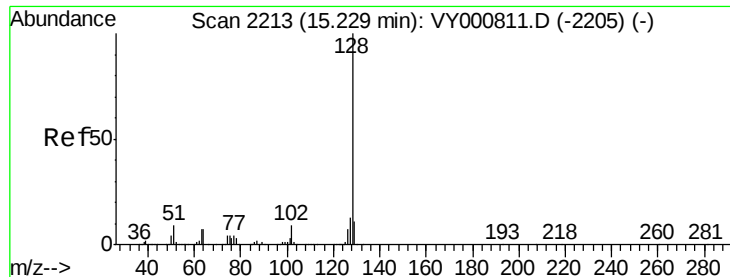
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 12/20/2019 10:37:11 AM



#94
 Hexachlorobutadiene
 Concen: 49.254 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001014.D
 Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95322		
223	64.8	31.4	94.3	
227	65.0	31.8	95.3	





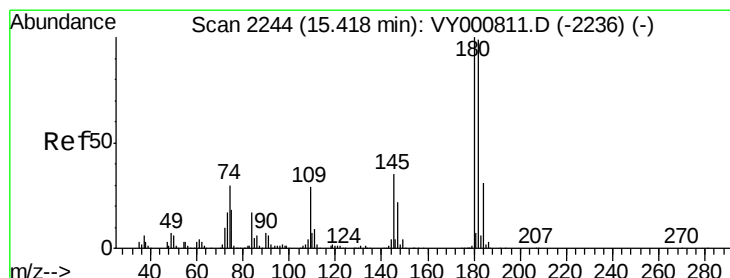
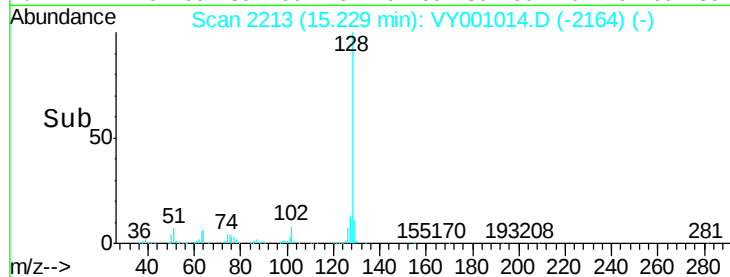
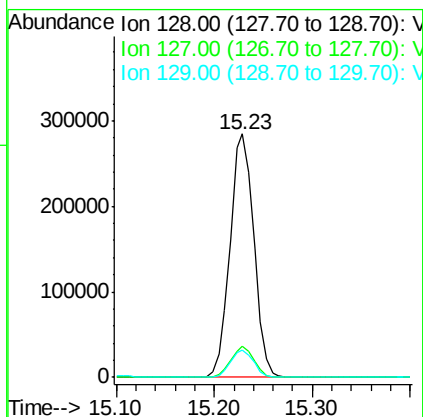
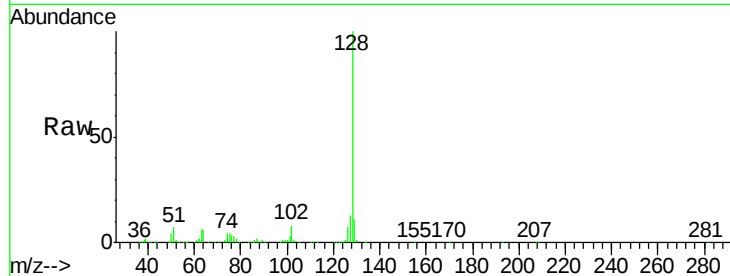
#95
Naphthalene
Concen: 52.889 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.866 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001014.D
Acq: 19 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.0	144.0
145	32.8	16.9	50.6

