

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000935.D
 Acq On : 12 Dec 2019 17:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/13/2019 10:33:50 AM

Quant Time: Dec 13 08:54:48 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	279885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	502333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210529	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	160927	54.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.22%	
35) Dibromofluoromethane	7.72	113	154329	52.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.44%	
50) Toluene-d8	10.17	98	637410	54.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.92%	
62) 4-Bromofluorobenzene	12.47	95	220868	50.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	123751	41.074	ug/l	96
3) Chloromethane	2.11	50	173948	46.837	ug/l	97
4) Vinyl Chloride	2.25	62	172521	47.134	ug/l	94
5) Bromomethane	2.65	94	111005	50.451	ug/l	98
6) Chloroethane	2.79	64	110387	49.189	ug/l	97
7) Trichlorofluoromethane	3.13	101	250539	49.946	ug/l	97
8) Diethyl Ether	3.53	74	104030	55.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	159587	51.518	ug/l	99
10) Methyl Iodide	4.09	142	205972	52.812	ug/l	98
11) Tert butyl alcohol	4.96	59	80437	268.833	ug/l	97
12) 1,1-Dichloroethene	3.87	96	162462	52.940	ug/l	98
13) Acrolein	3.73	56	78825	267.439	ug/l	99
14) Allyl chloride	4.49	41	283350	53.849	ug/l	98
15) Acrylonitrile	5.17	53	271650	278.646	ug/l	99
16) Acetone	3.95	43	174479	255.746	ug/l	100
17) Carbon Disulfide	4.19	76	482450	48.609	ug/l	99
18) Methyl Acetate	4.48	43	153939	53.964	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	460833	56.229	ug/l	99
20) Methylene Chloride	4.72	84	208812	58.065	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	179565	51.480	ug/l	99
22) Diisopropyl ether	6.13	45	603576	55.810	ug/l	98
23) Vinyl Acetate	6.07	43	1844850	280.596	ug/l	99
24) 1,1-Dichloroethane	6.02	63	323930	54.344	ug/l	99
25) 2-Butanone	6.99	43	330674	262.383	ug/l	97
26) 2,2-Dichloropropane	6.99	77	256367	51.101	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	207683	55.083	ug/l	99
28) Bromochloromethane	7.35	49	128075	58.255	ug/l	98
29) Tetrahydrofuran	7.36	42	231435	277.127	ug/l	99
30) Chloroform	7.52	83	313652	52.453	ug/l	98
31) Cyclohexane	7.79	56	314884	49.867	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	258532	52.359	ug/l	99
36) 1,1-Dichloropropene	7.92	75	249936	50.040	ug/l	100
37) Ethyl Acetate	7.08	43	146776	50.893	ug/l	99
38) Carbon Tetrachloride	7.91	117	225238	50.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	326359	49.318	ug/l	100
40) Benzene	8.16	78	764233	52.529	ug/l	100
41) Methacrylonitrile	7.32	41	75951m	49.967	ug/l	
42) 1,2-Dichloroethane	8.24	62	199297	52.088	ug/l	100
43) Isopropyl Acetate	8.28	43	286213	52.662	ug/l	99
44) Trichloroethene	8.94	130	195089	52.177	ug/l	96
45) 1,2-Dichloropropane	9.22	63	197805	54.128	ug/l	98
46) Dibromomethane	9.31	93	101250	53.027	ug/l	99
47) Bromodichloromethane	9.50	83	241821	53.912	ug/l	96
48) Methyl methacrylate	9.29	41	123075	51.498	ug/l	94
49) 1,4-Dioxane	9.30	88	29802	1101.554	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	752625	268.023	ug/l	99
52) Toluene	10.24	92	475654	52.804	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	259902	53.933	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	309026	54.252	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	153029	54.247	ug/l	98
56) Ethyl methacrylate	10.50	69	223908	55.484	ug/l	99
57) 1,3-Dichloropropane	10.79	76	266637	54.231	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	403931	248.241	ug/l	99
59) 2-Hexanone	10.83	43	521940	255.082	ug/l	100
60) Dibromochloromethane	10.98	129	165731	54.574	ug/l	100
61) 1,2-Dibromoethane	11.08	107	144187	54.234	ug/l	99
64) Tetrachloroethene	10.71	164	204182	52.193	ug/l	95
65) Chlorobenzene	11.51	112	488981	52.245	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.58	131	166190	52.689	ug/l	97
67) Ethyl Benzene	11.59	91	907839	52.082	ug/l	100
68) m/p-Xylenes	11.70	106	686016	104.854	ug/l	99
69) o-Xylene	12.02	106	324467	53.189	ug/l	98
70) Styrene	12.04	104	569867	54.556	ug/l	98
71) Bromoform	12.20	173	97361	54.729	ug/l #	99
73) Isopropylbenzene	12.33	105	863080	51.488	ug/l	100
74) N-amyl acetate	12.14	43	249926	53.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	174276	52.765	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	132310m	55.470	ug/l	
77) Bromobenzene	12.60	156	195382	53.771	ug/l	99
78) n-propylbenzene	12.66	91	1061526	51.864	ug/l	100
79) 2-Chlorotoluene	12.75	91	579287	51.231	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	721068	51.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	65568	53.996	ug/l	98
82) 4-Chlorotoluene	12.85	91	608780	52.258	ug/l	99
83) tert-Butylbenzene	13.06	119	607919	52.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	721329	51.947	ug/l	99
85) sec-Butylbenzene	13.25	105	890816	52.492	ug/l	99
86) p-Isopropyltoluene	13.36	119	771116	52.241	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	372913	52.316	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	375077	53.144	ug/l	99
89) n-Butylbenzene	13.69	91	783084	52.472	ug/l	100
90) Hexachloroethane	13.95	117	147055	54.082	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	344485	53.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	28522	51.581	ug/l	100

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QLast Update : Wed Nov 27 12:40:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	230208	53.061	ug/l	100
94) Hexachlorobutadiene	15.10	225	112232	52.176	ug/l	99
95) Naphthalene	15.23	128	539689	53.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	209509	54.063	ug/l	97

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

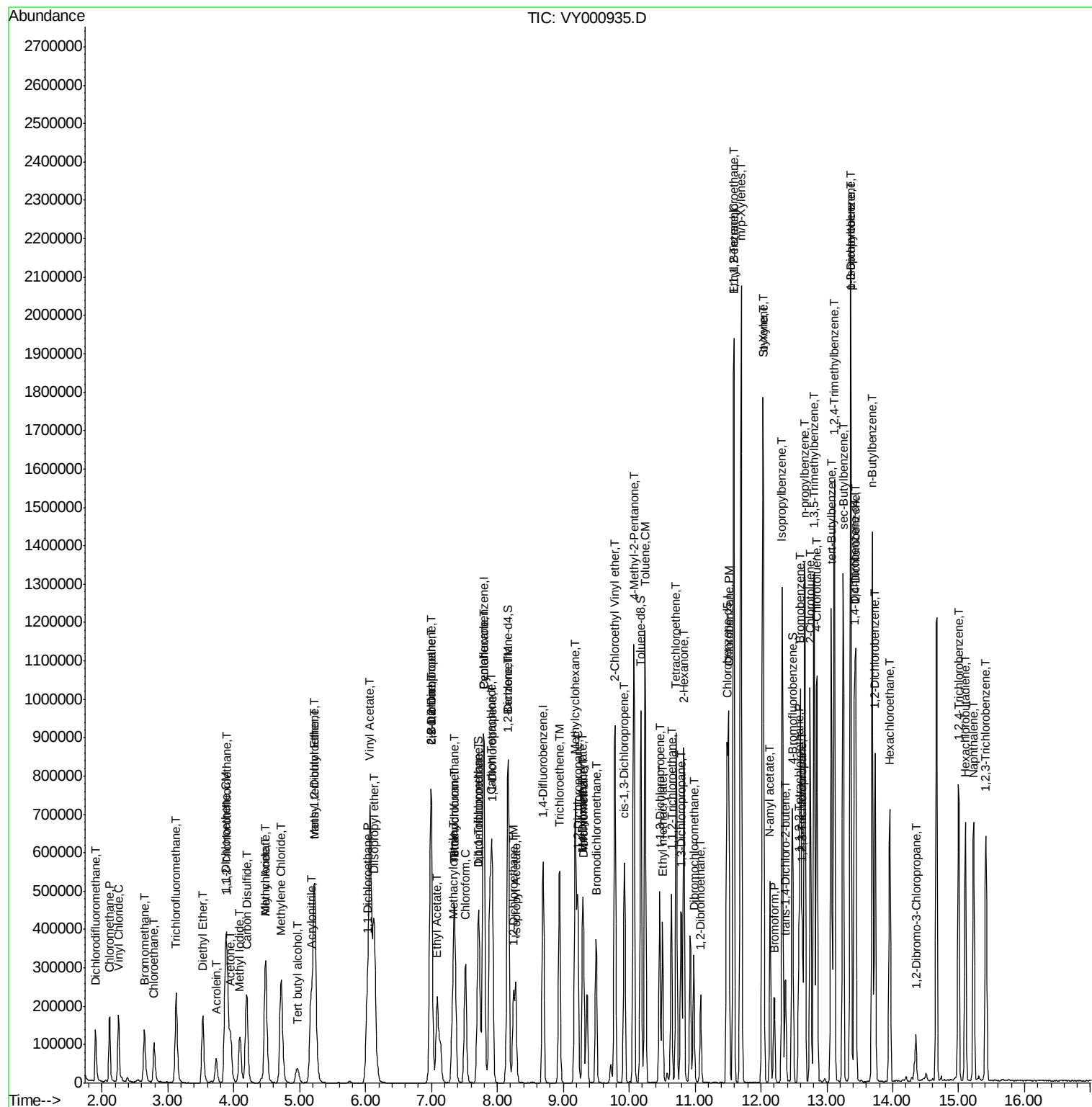
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 Acq On : 12 Dec 2019 17:20
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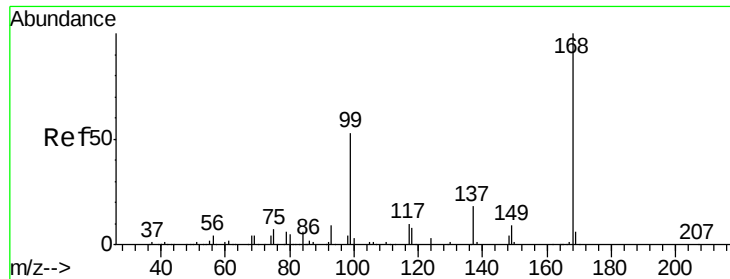
Instrument :
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#1

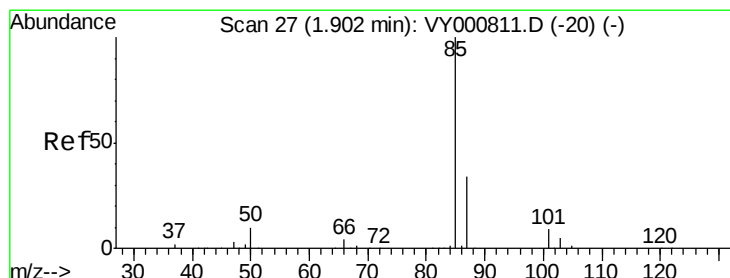
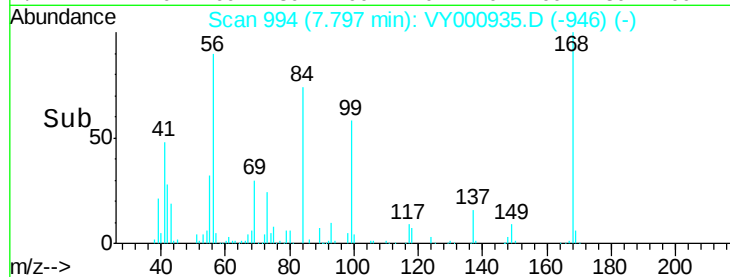
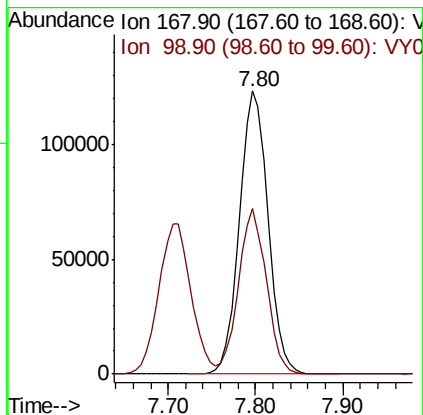
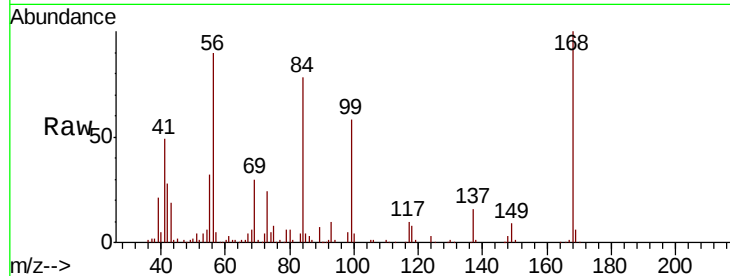
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.5	45.0	67.6

Manual Integrations
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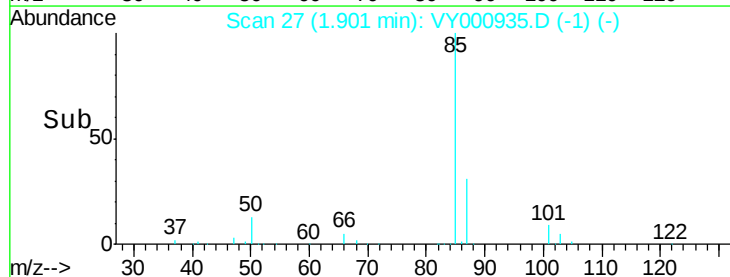
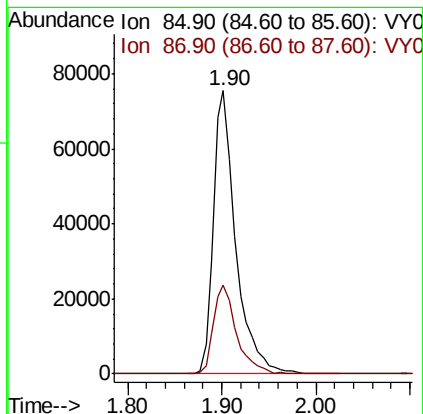
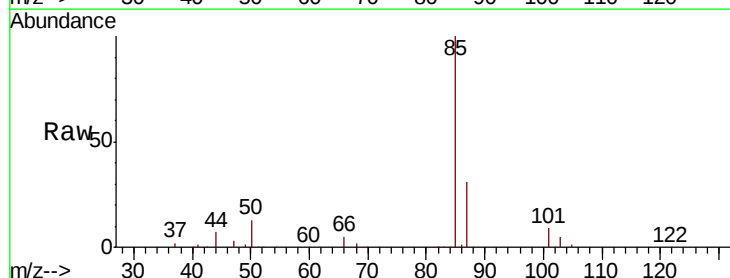
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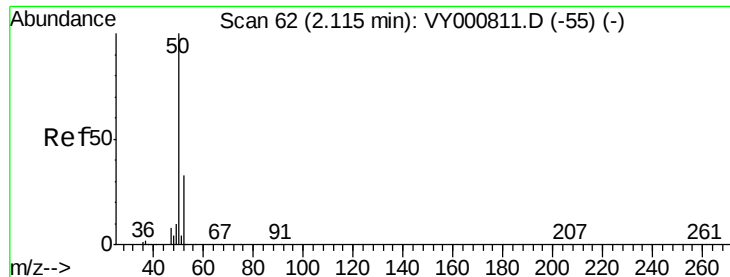


#2

Dichlorodifluoromethane
 Concen: 41.074 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.8	50.3





#3

Chloromethane

Concen: 46.837 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173948

Ion Ratio Lower Upper

50 100

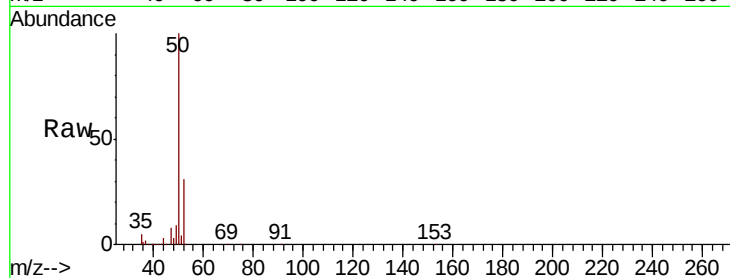
52 31.0 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

120000

100000

80000

60000

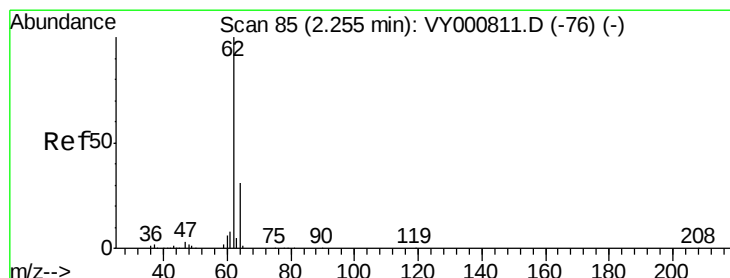
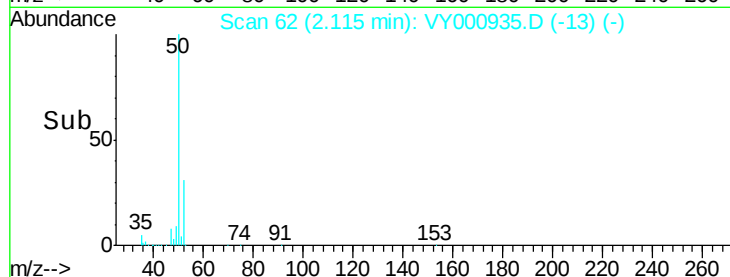
40000

20000

0

2.11

Time-->



#4

Vinyl Chloride

Concen: 47.134 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000935.D

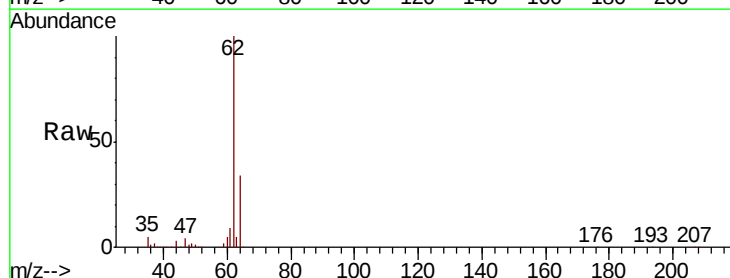
Acq: 12 Dec 2019 17:20

Tgt Ion: 62 Resp: 172521

Ion Ratio Lower Upper

62 100

64 34.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

120000

100000

80000

60000

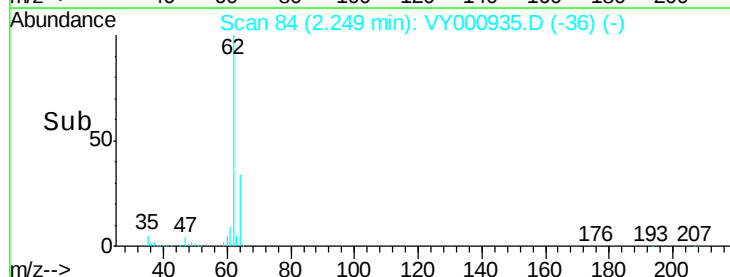
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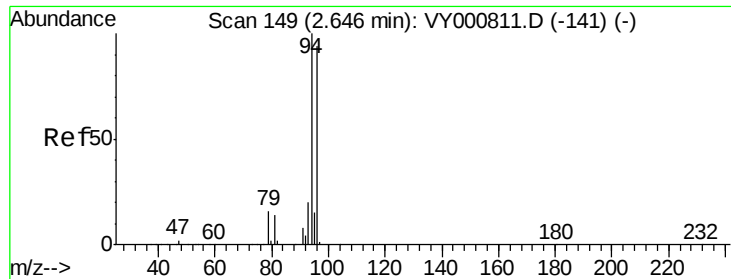
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0

2.25

Time-->





#5

Bromomethane

Concen: 50.451 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 111005

Ion Ratio Lower Upper

94 100

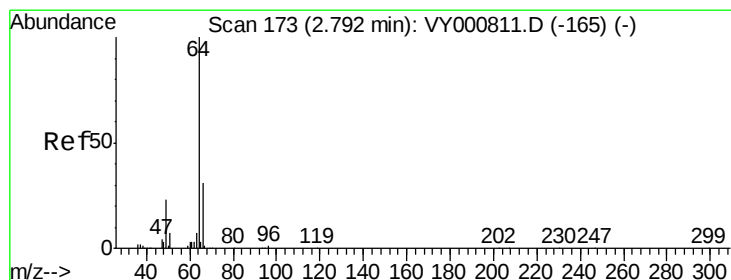
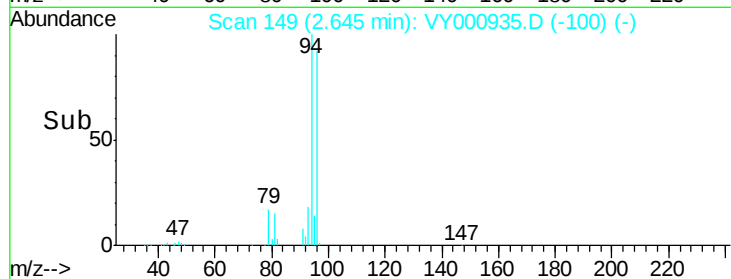
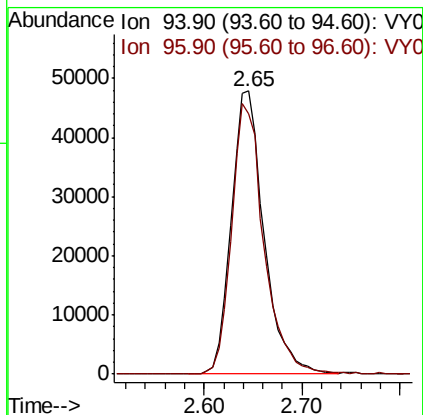
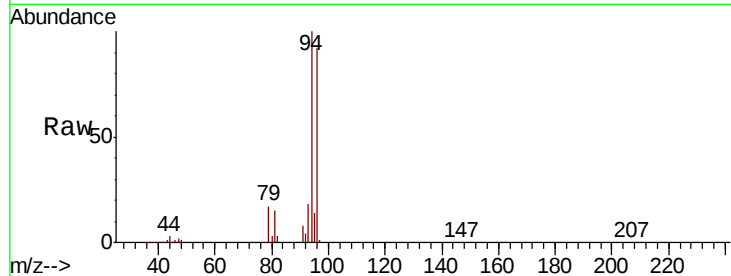
96 91.8 75.2 112.8

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#6

Chloroethane

Concen: 49.189 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000935.D

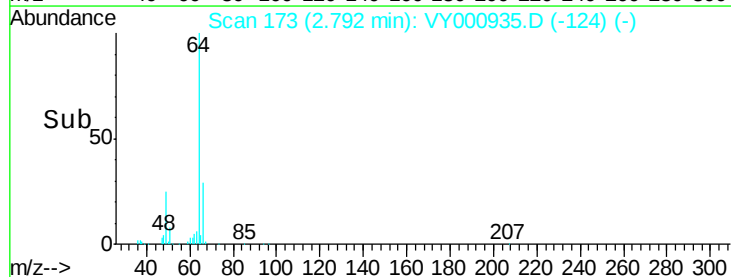
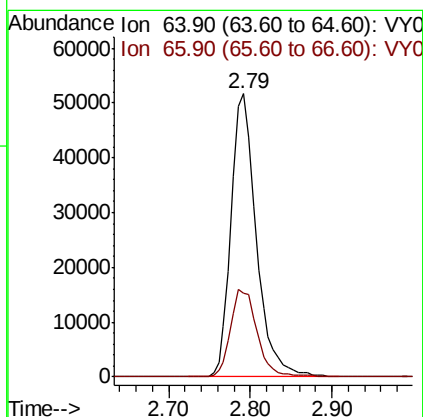
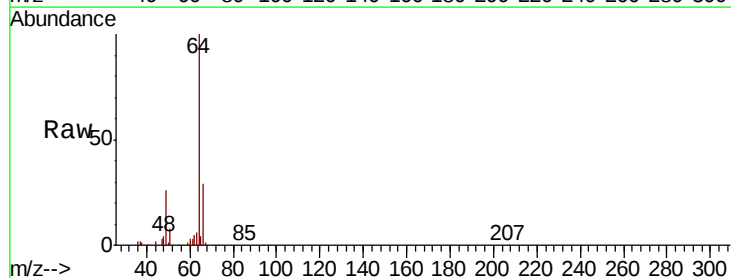
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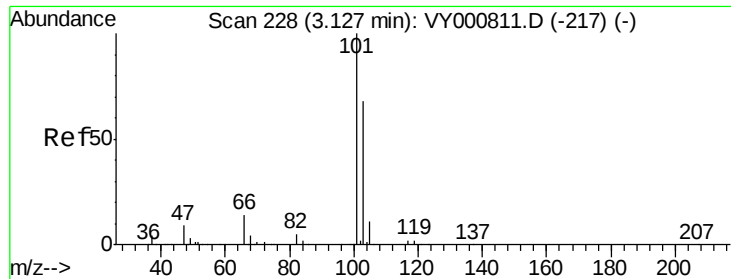
Tgt Ion: 64 Resp: 110387

Ion Ratio Lower Upper

64 100

66 29.4 25.0 37.4





#7

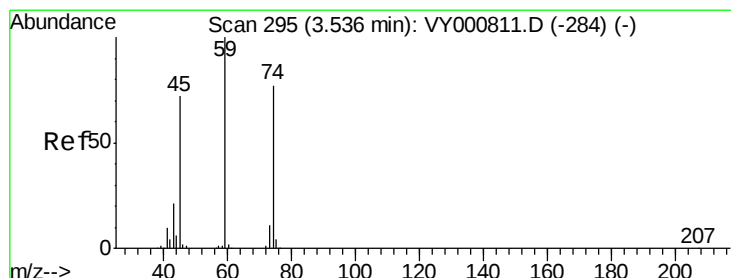
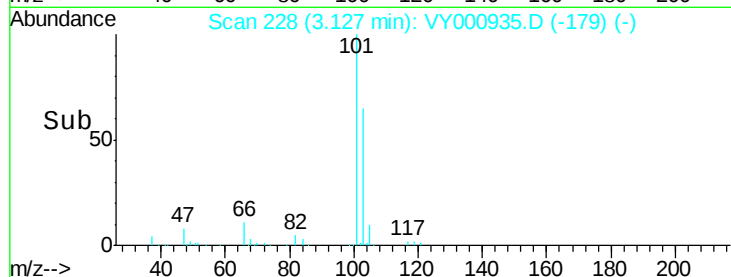
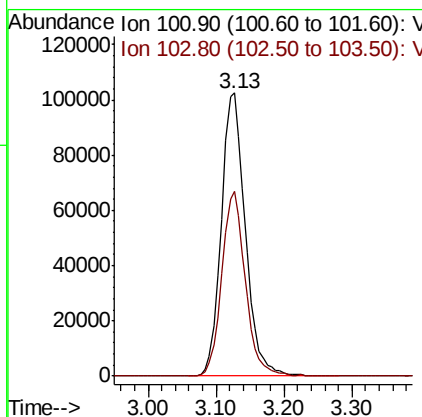
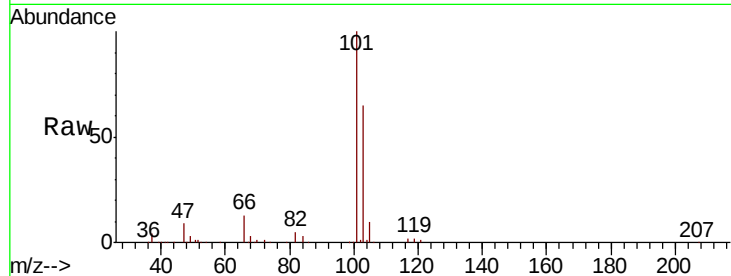
Trichlorofluoromethane
 Concen: 49.946 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	250539		
103	65.2		54.2	81.2

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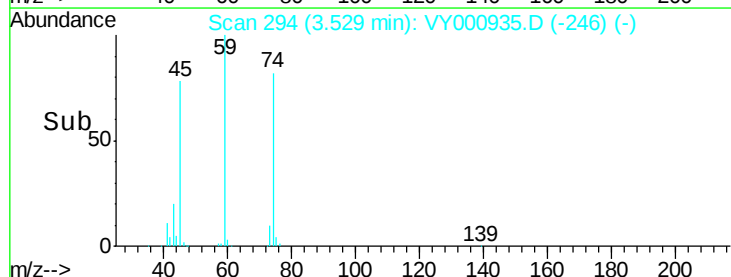
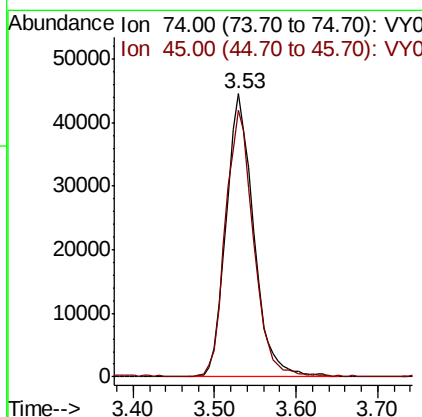
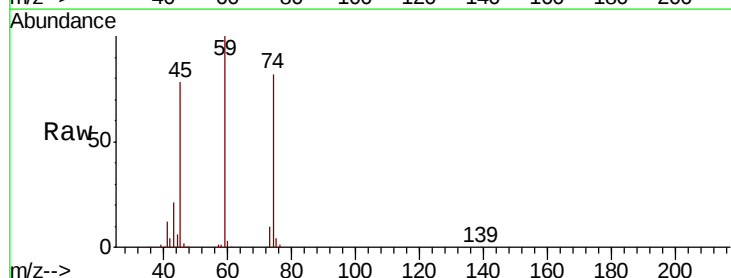
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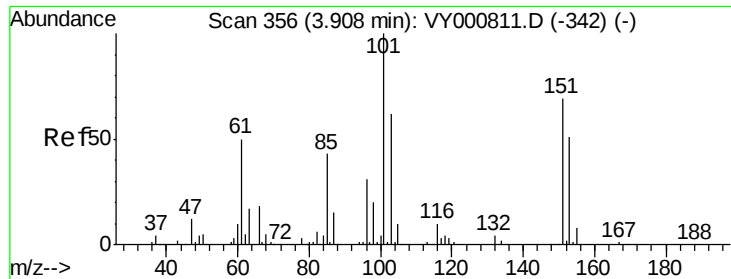


#8

Diethyl Ether
 Concen: 55.102 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	104030		
45	96.2		49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.518 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

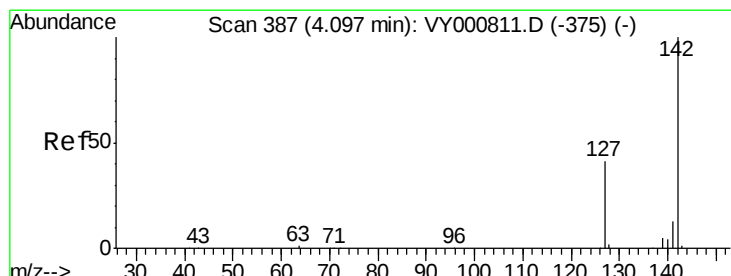
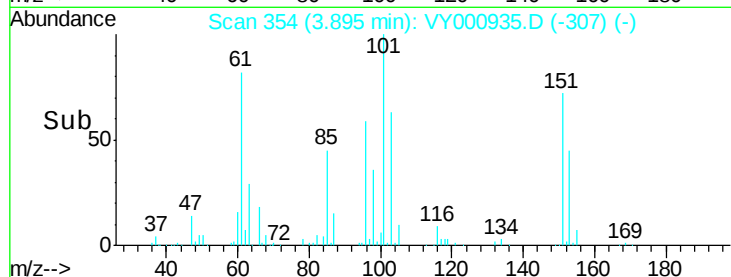
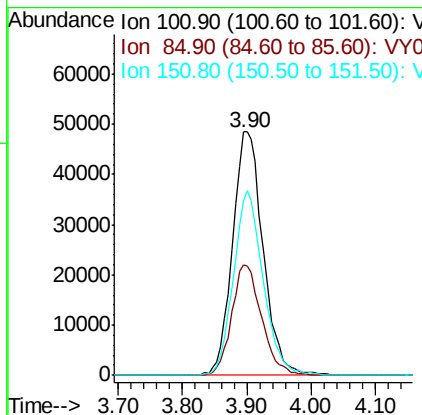
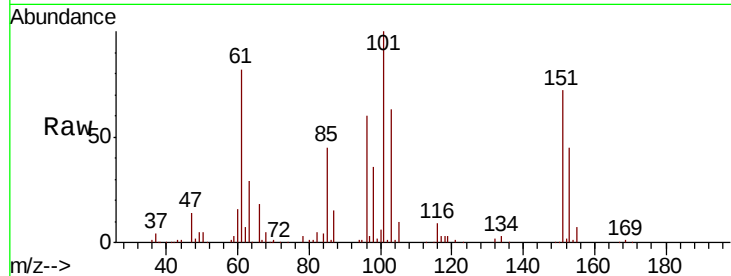
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	159587
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	73.7	58.2	87.2

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#10

Methyl Iodide

Concen: 52.812 ug/l

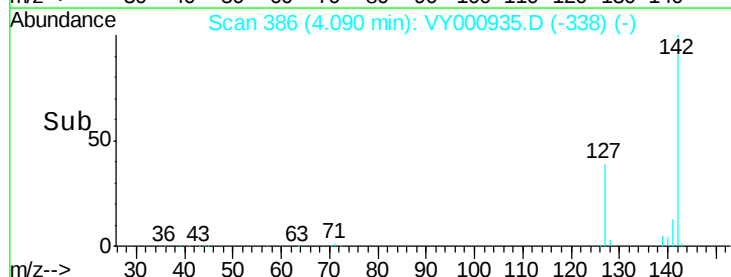
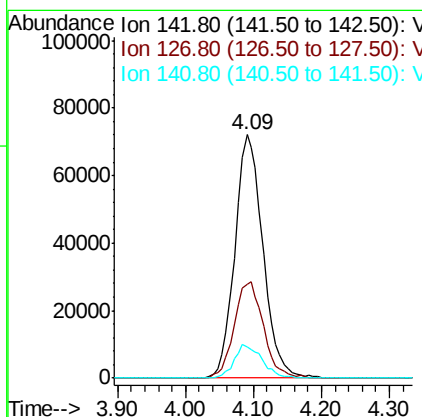
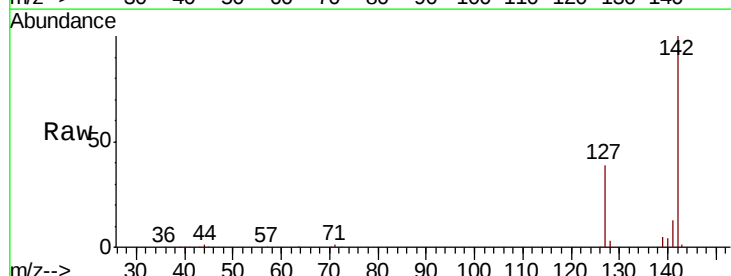
RT: 4.09 min Scan# 386

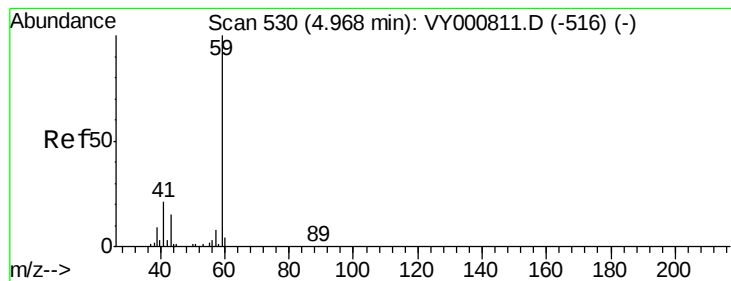
Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion:	142	Resp:	205972
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.8	50.8
141	13.9	10.9	16.3





#11

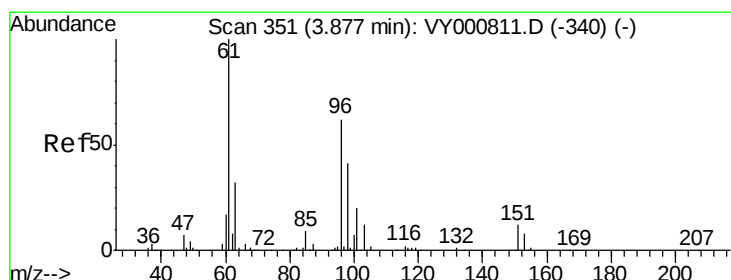
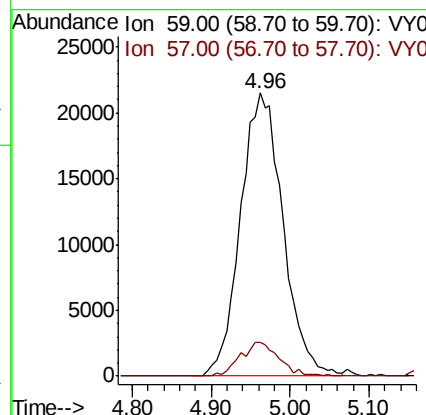
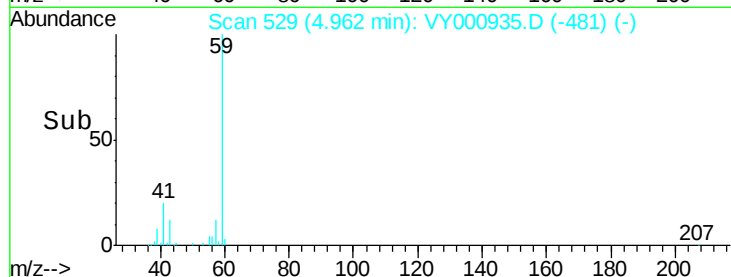
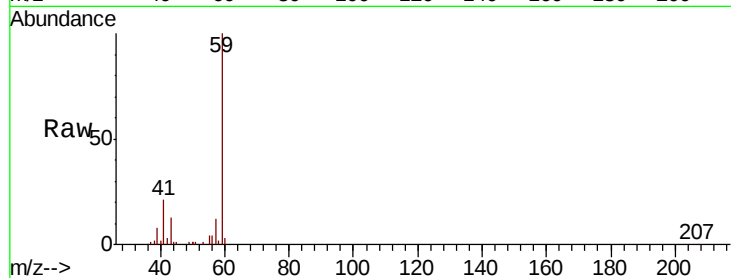
Tert butyl alcohol
Concen: 268.833 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.9	7.8	11.6

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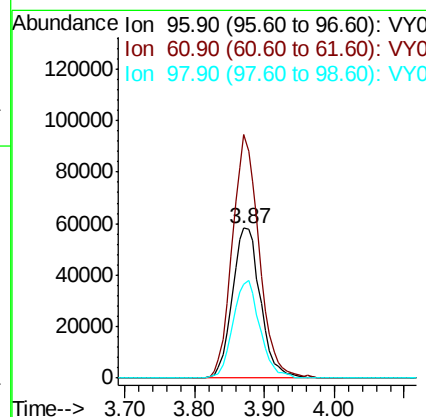
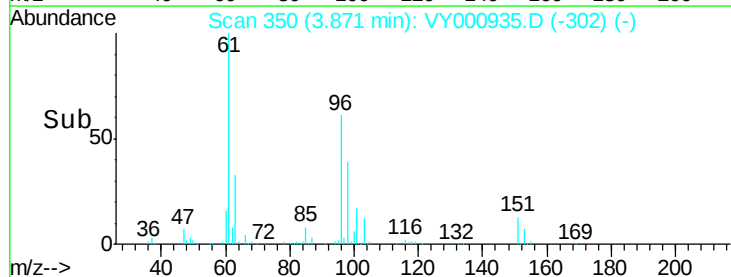
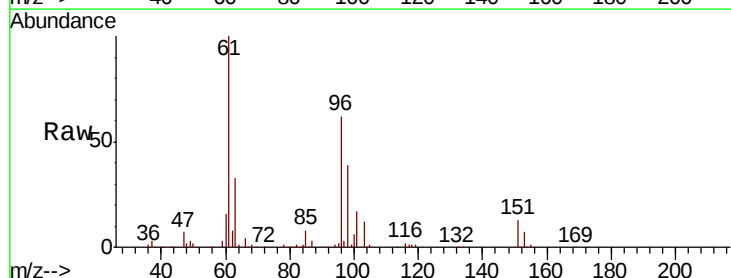
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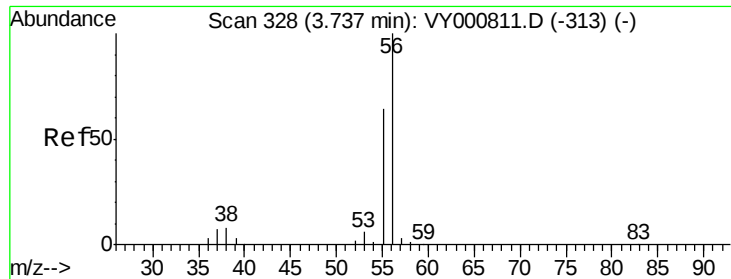


#12

1,1-Dichloroethene
Concen: 52.940 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	162.5	129.4	194.2
98	98	62.7	53.4	80.0





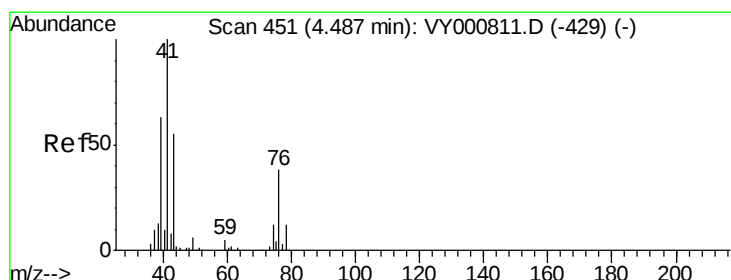
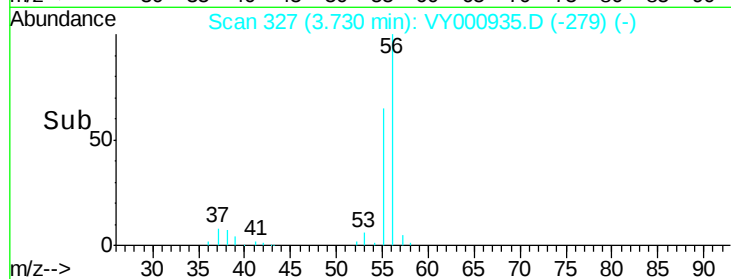
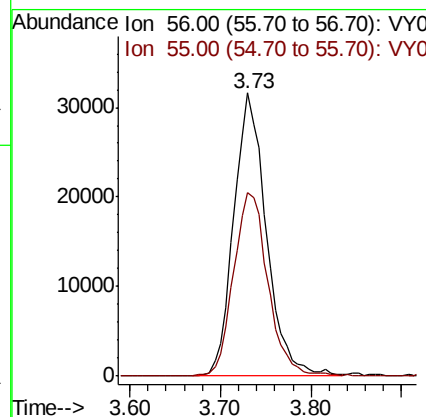
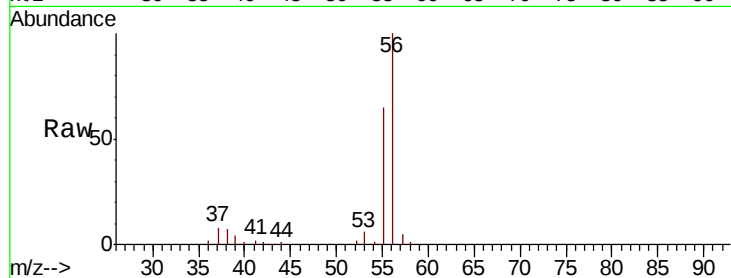
#13
 Acrolein
 Concen: 267.439 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	56	55	Resp	Lower	Upper
78825	100	68.5		55.7	83.5

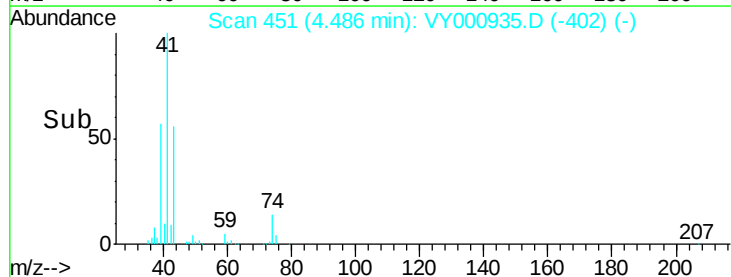
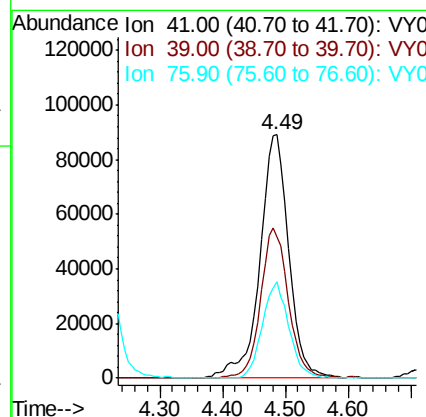
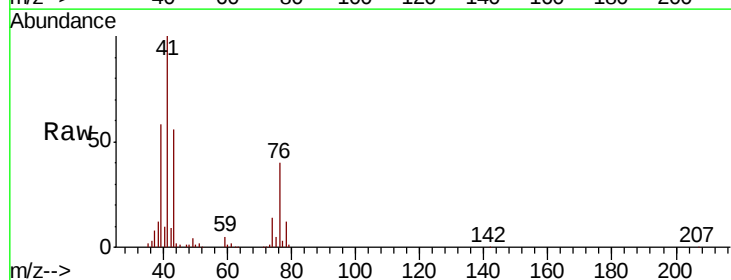
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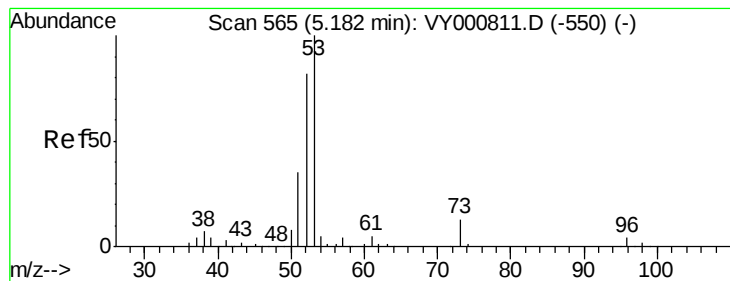
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#14
 Allyl chloride
 Concen: 53.849 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	41	39	76	Resp	Lower	Upper
283350	100	59.4	36.4		49.2	73.8





#15

Acrylonitrile

Concen: 278.646 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

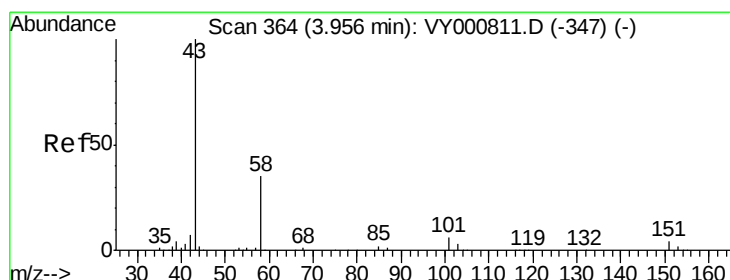
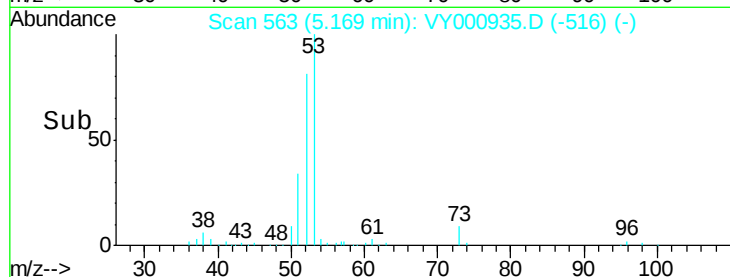
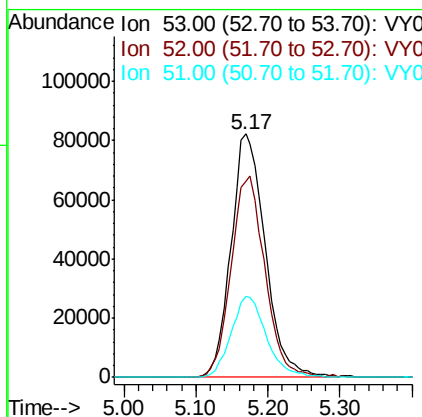
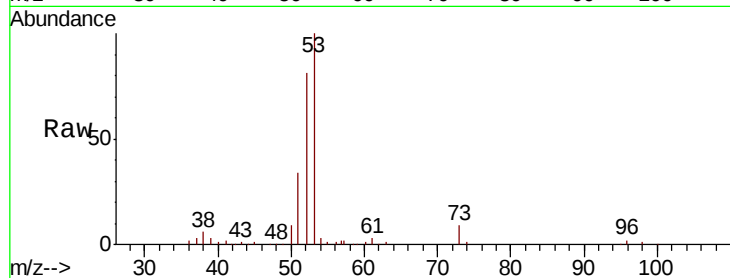
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	271650
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	34.5	29.0	43.4

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#16

Acetone

Concen: 255.746 ug/l

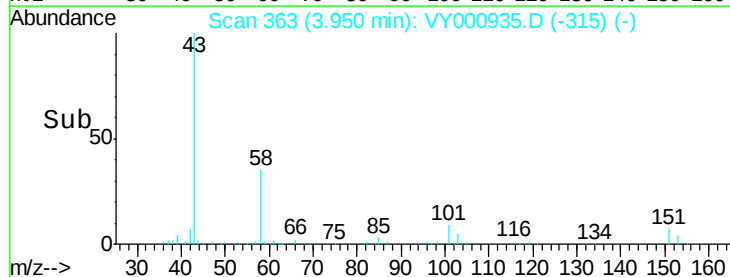
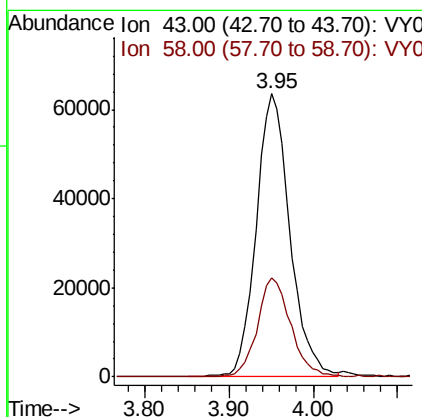
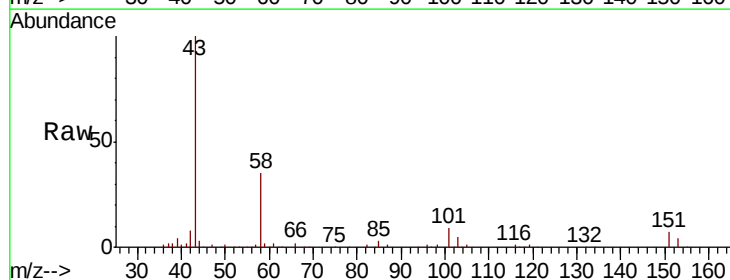
RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion:	43	Resp:	174479
Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.0	42.0





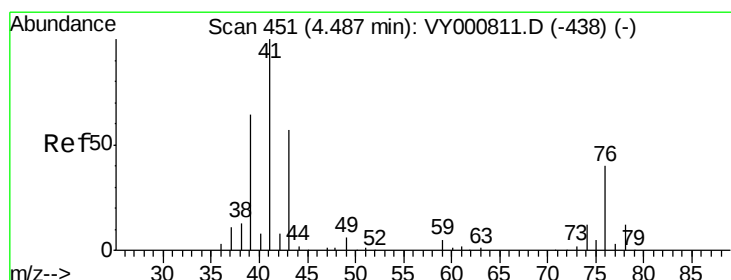
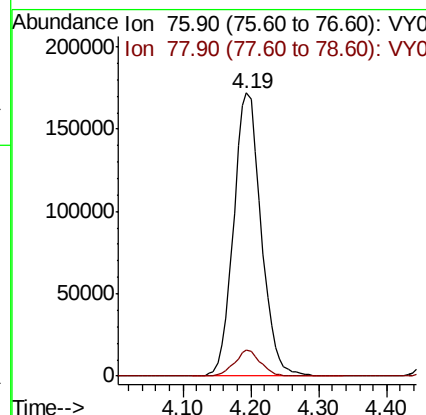
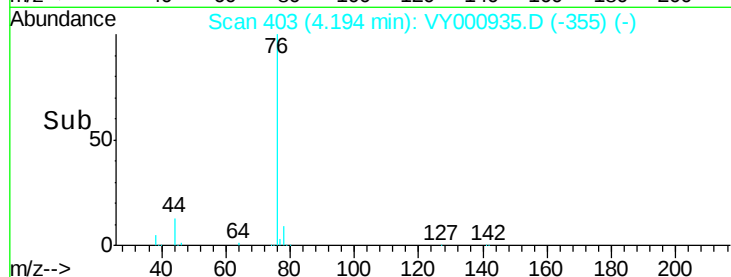
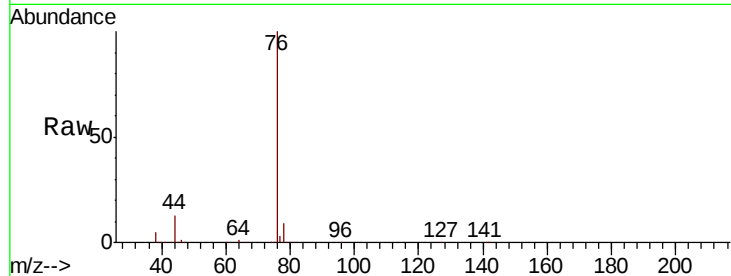
#17
Carbon Disulfide
Concen: 48.609 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

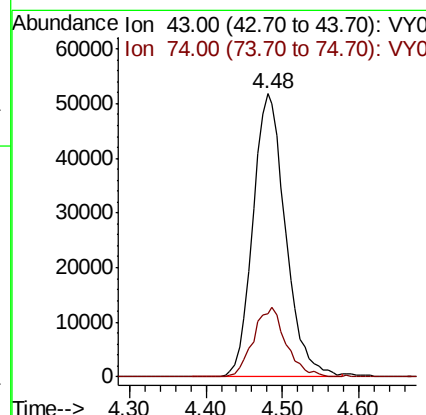
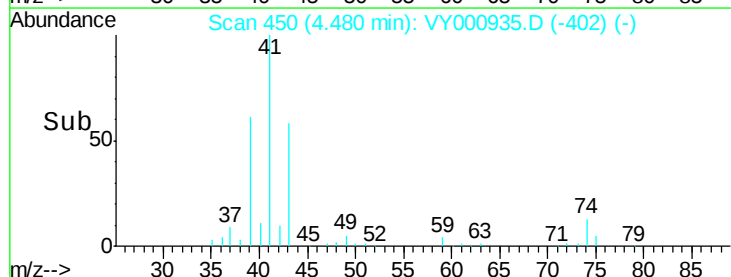
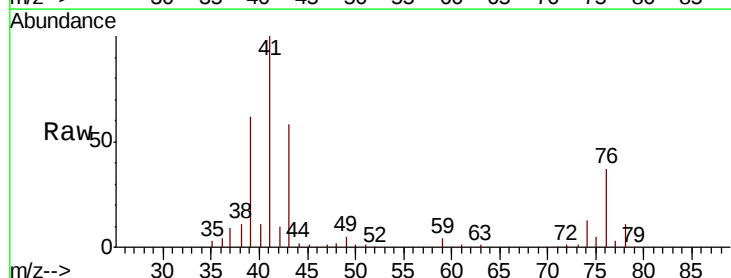
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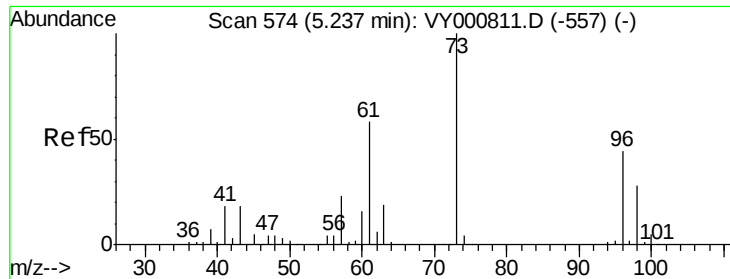
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#18
Methyl Acetate
Concen: 53.964 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.5	27.7





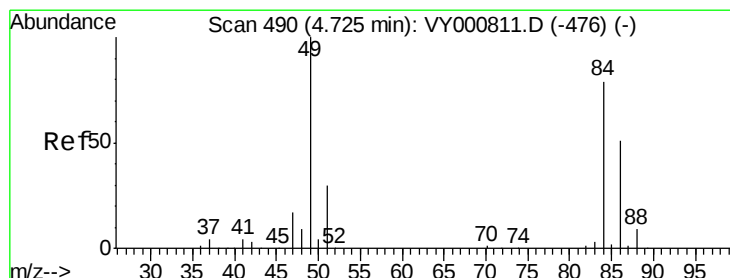
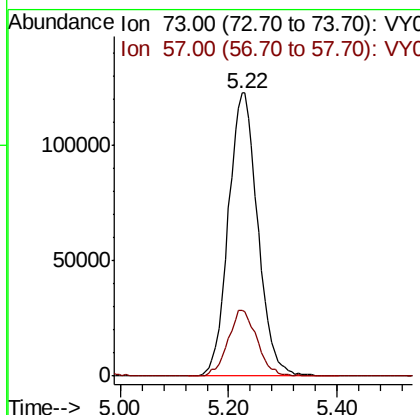
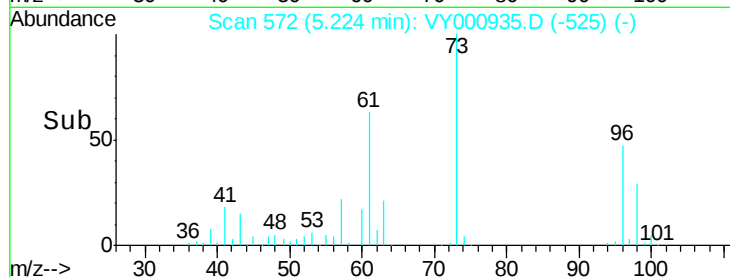
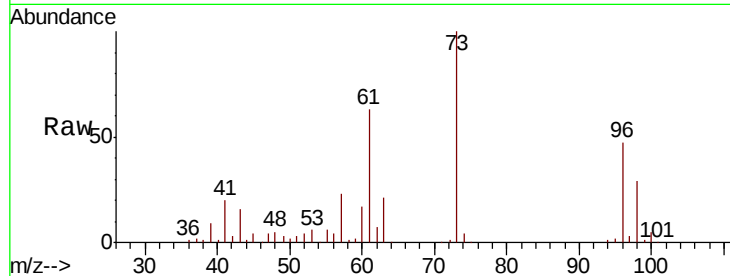
#19
Methvl tert-butvl Ether
Concen: 56.229 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 460833
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4

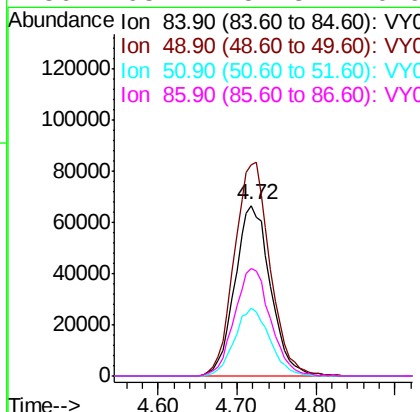
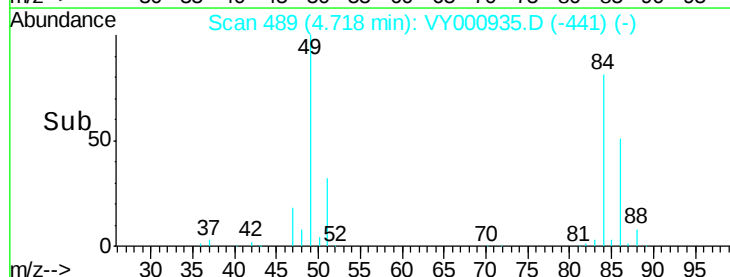
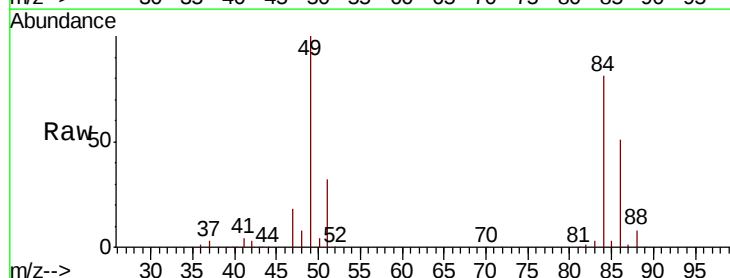
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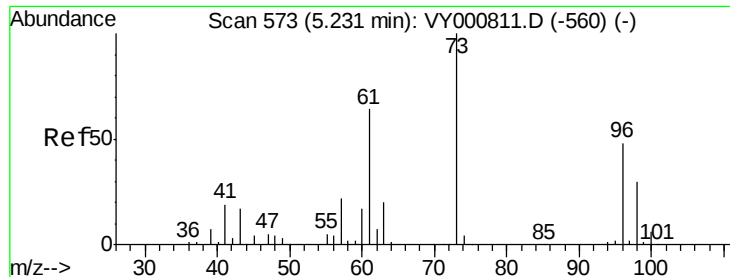
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#20
Methylene Chloride
Concen: 58.065 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion: 84 Resp: 208812
Ion Ratio Lower Upper
84 100
49 124.0 101.3 151.9
51 39.6 30.6 45.8
86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.480 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 179565

Ion Ratio Lower Upper

96 100

61 134.9 105.9 158.9

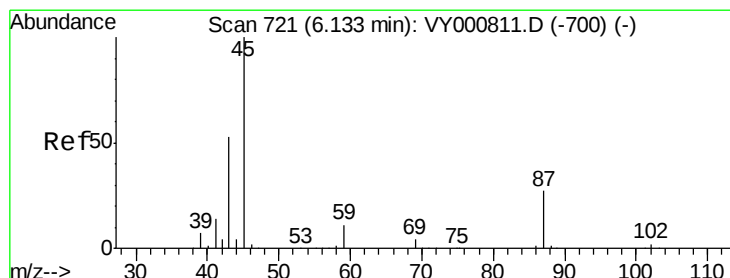
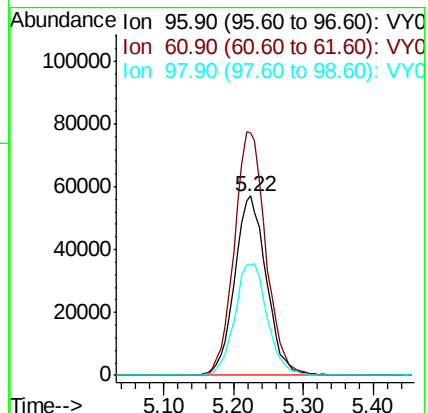
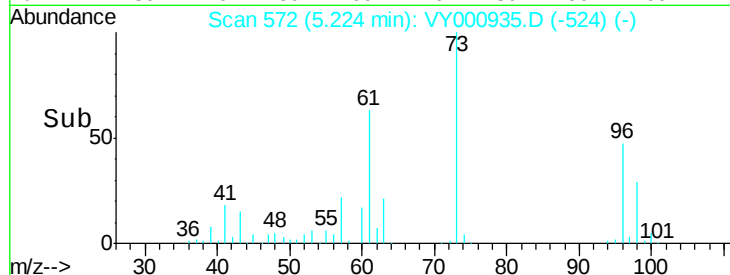
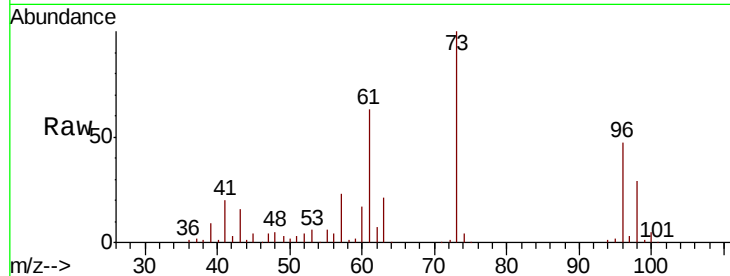
98 61.7 49.4 74.2

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#22

Diisopropyl ether

Concen: 55.810 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion: 45 Resp: 603576

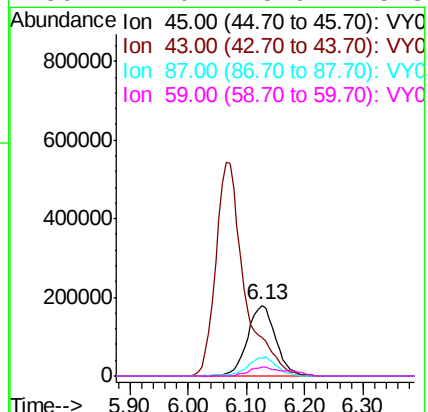
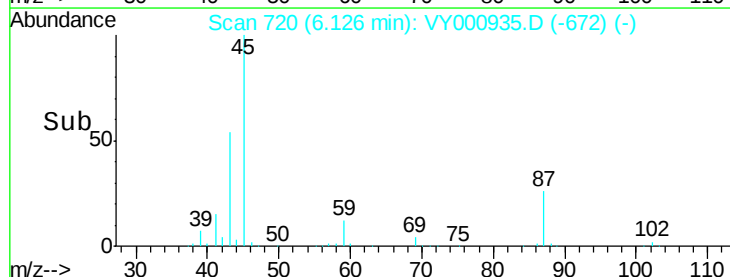
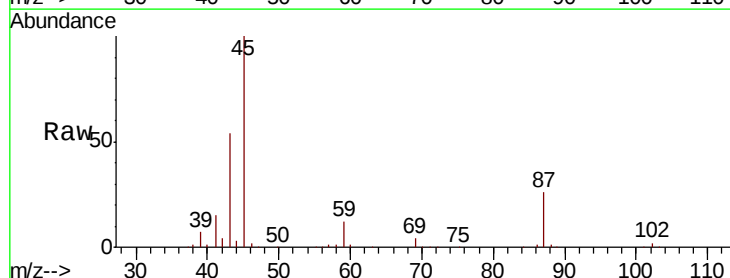
Ion Ratio Lower Upper

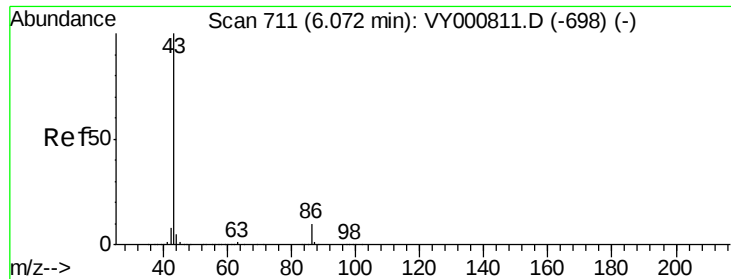
45 100

43 54.2 42.7 64.1

87 26.3 22.0 33.0

59 12.0 8.9 13.3





#23

Vinyl Acetate

Concen: 280.596 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1844850

Ion Ratio Lower Upper

43 100

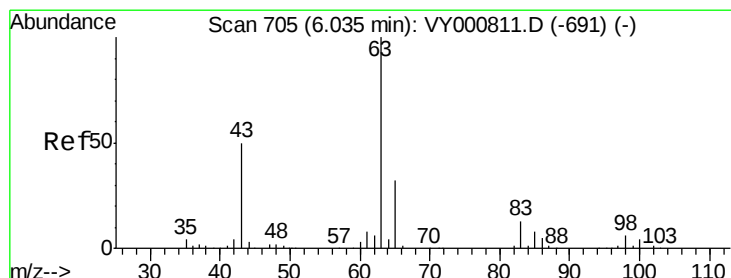
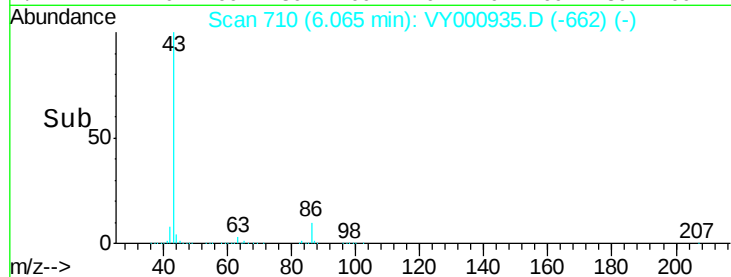
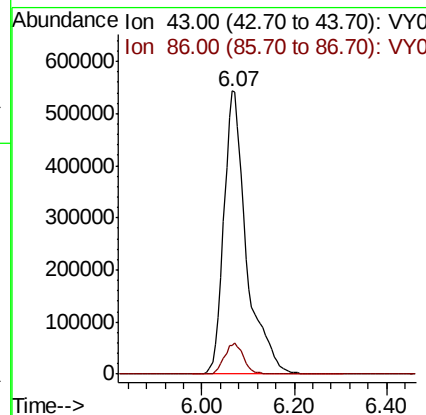
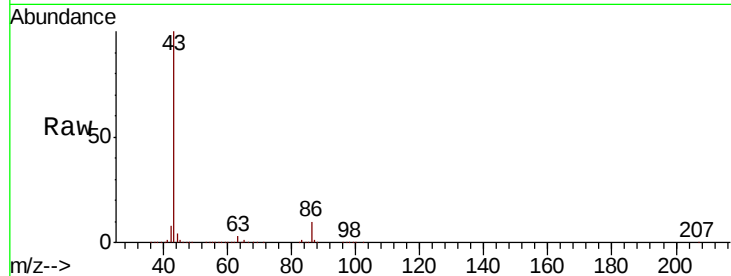
86 10.1 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 54.344 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

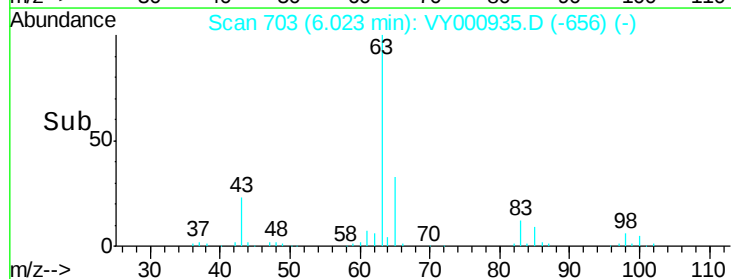
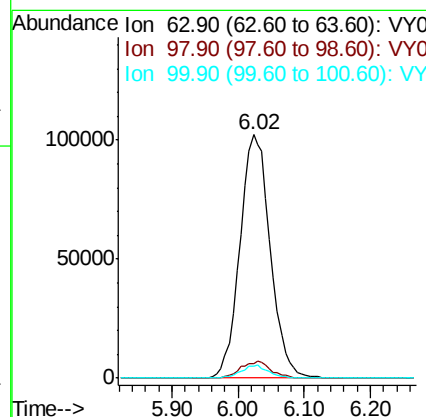
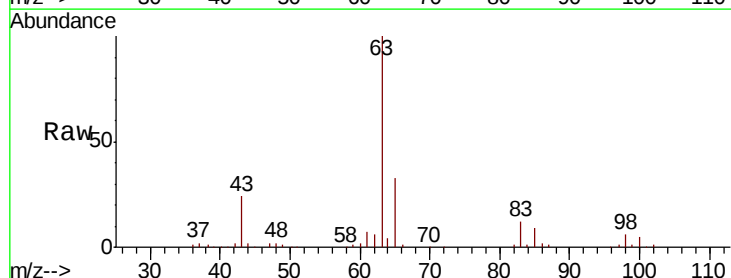
Tgt Ion: 63 Resp: 323930

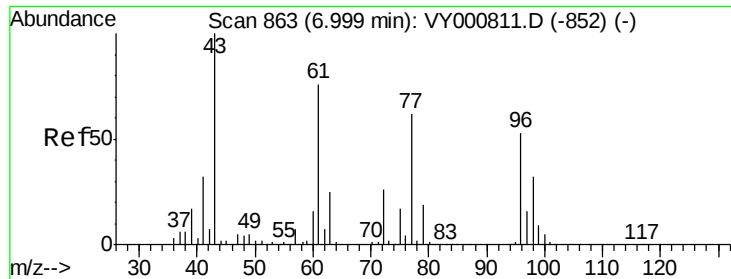
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 262.383 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 330674

Ion Ratio Lower Upper

43 100

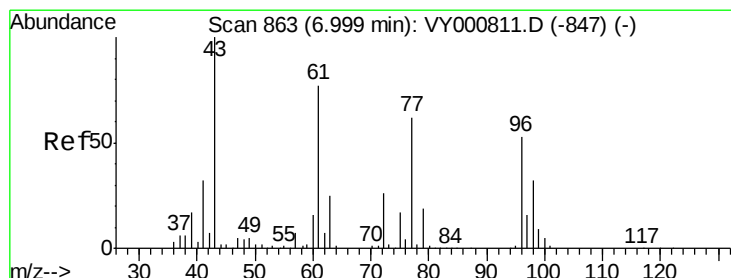
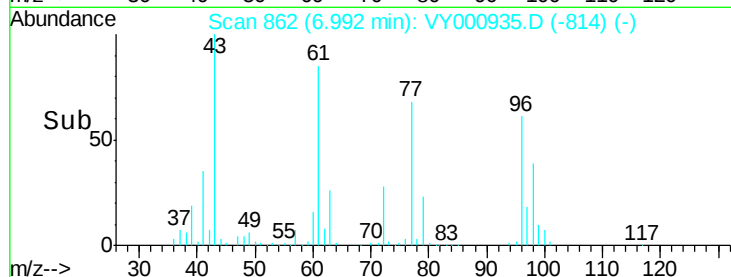
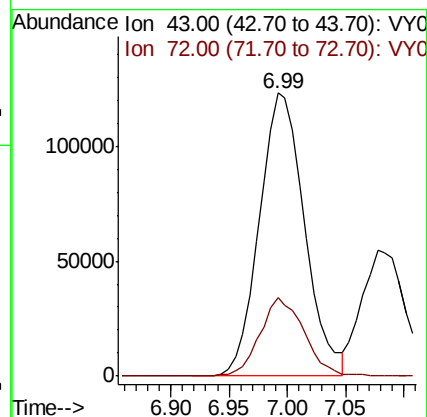
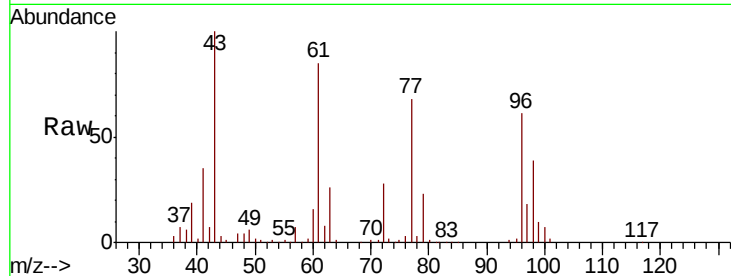
72 27.6 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 51.101 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000935.D

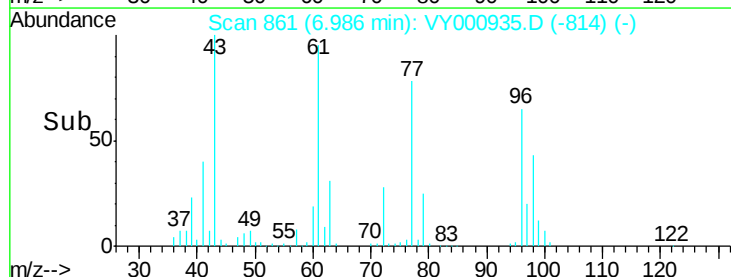
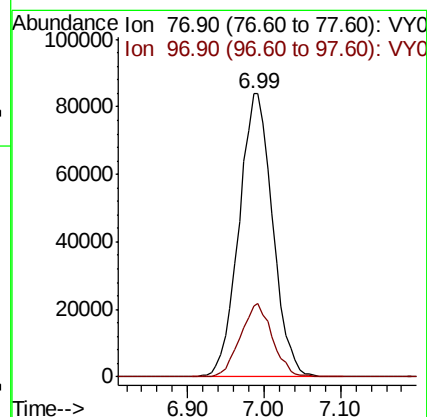
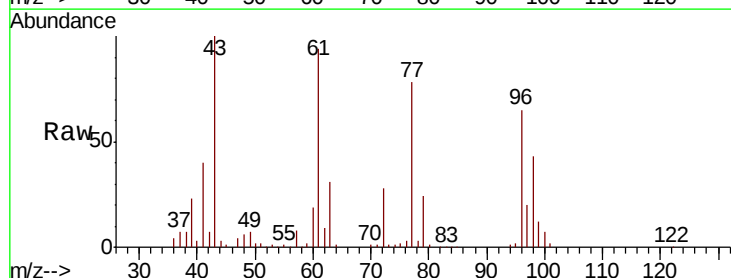
Acq: 12 Dec 2019 17:20

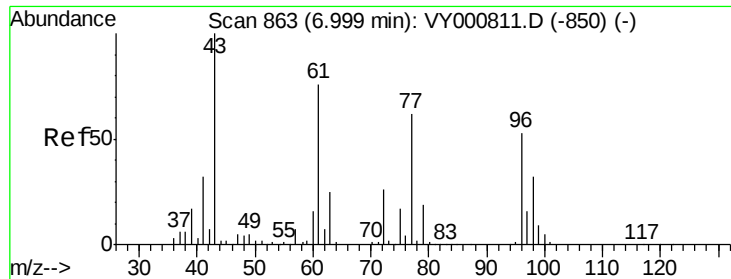
Tgt Ion: 77 Resp: 256367

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.9





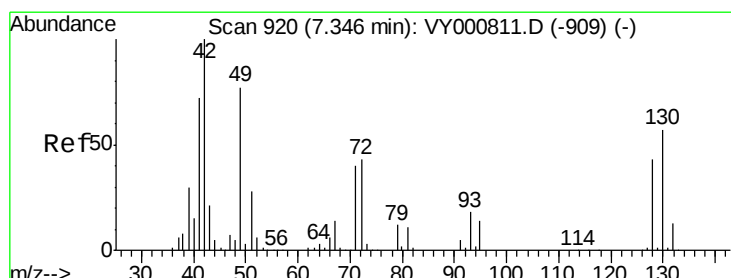
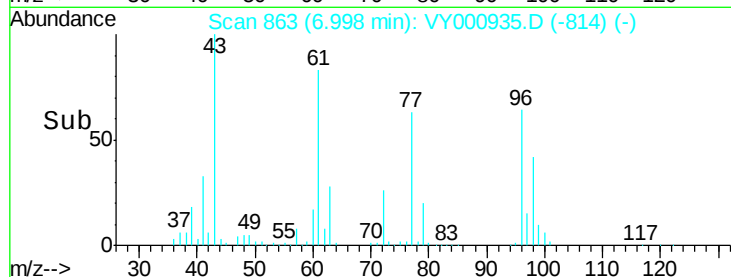
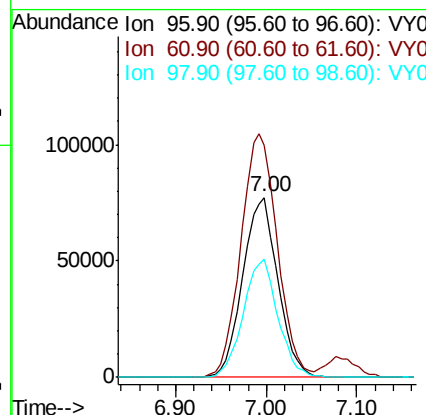
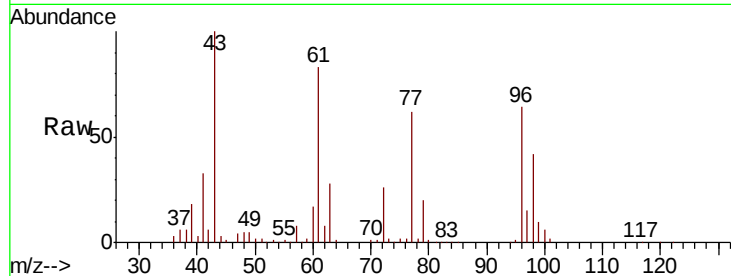
#27
 cis-1,2-Dichloroethene
 Concen: 55.083 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	207683		
61	140.3	0.0	285.0	
98	64.4	0.0	128.0	

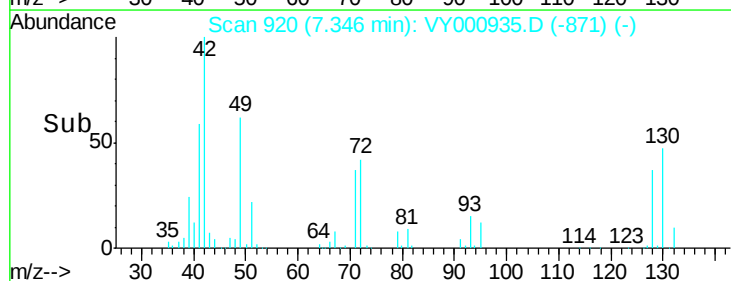
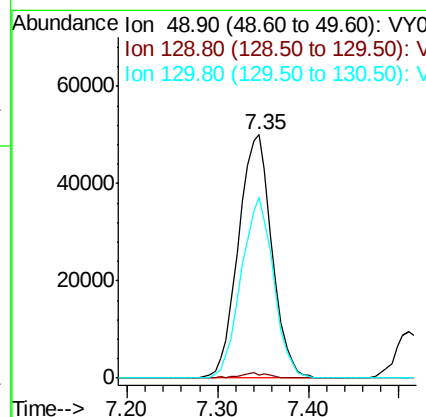
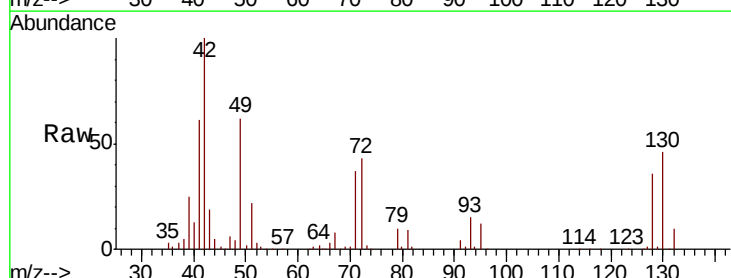
Manual Integrations
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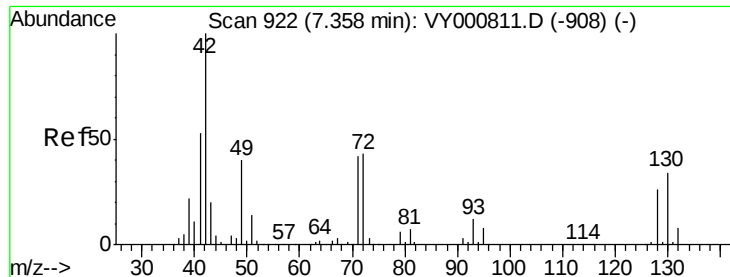
apatel
 12/13/2019 10:33:50 AM



#28
 Bromochloromethane
 Concen: 58.255 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128075		
129	1.9	0.0	3.8	
130	72.0	58.7	88.1	





#29

Tetrahydrofuran

Concen: 277.127 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 231435

Ion Ratio Lower Upper

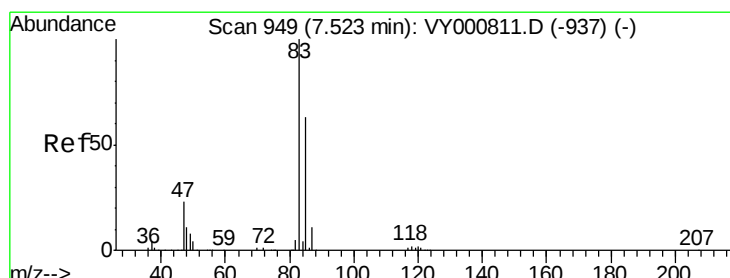
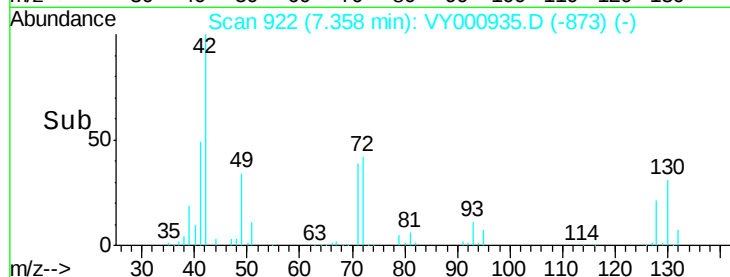
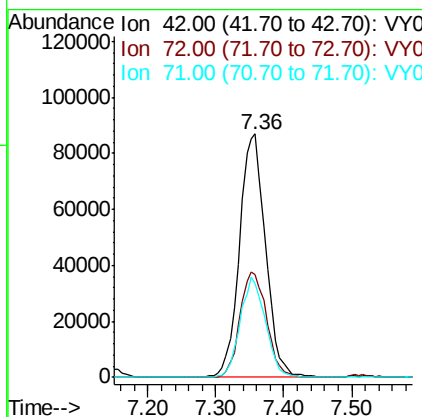
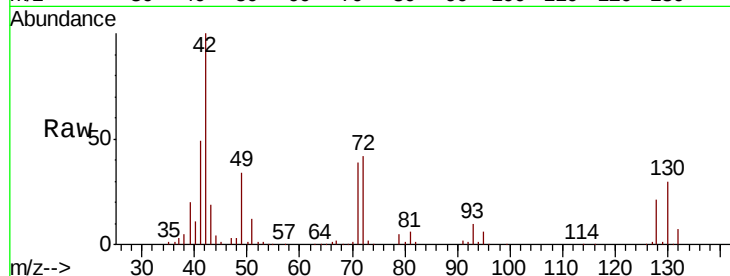
42 100

72 44.3 35.1 52.7

71 39.9 32.8 49.2

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#30

Chloroform

Concen: 52.453 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000935.D

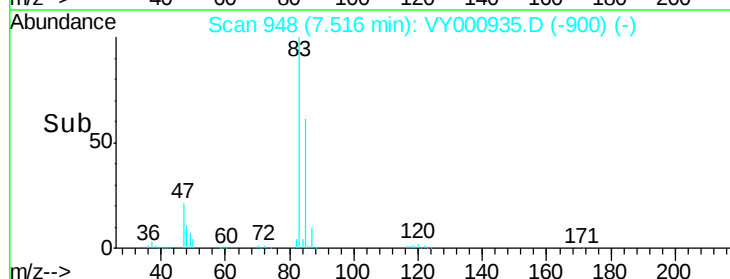
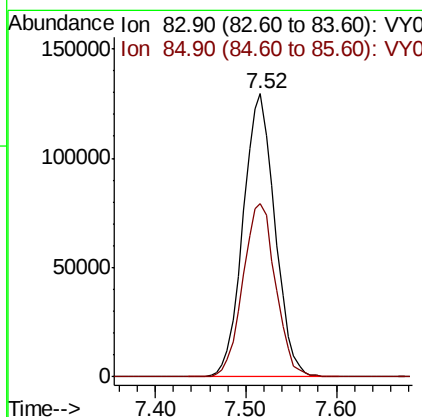
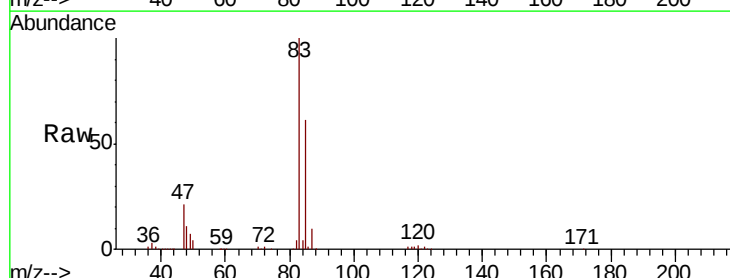
Acq: 12 Dec 2019 17:20

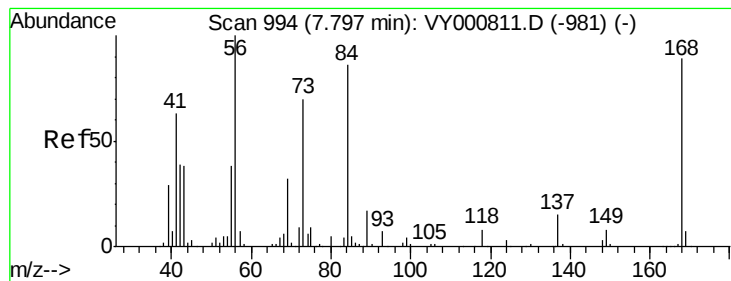
Tgt Ion: 83 Resp: 313652

Ion Ratio Lower Upper

83 100

85 61.3 50.4 75.6





#31

Cyclohexane

Concen: 49.867 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

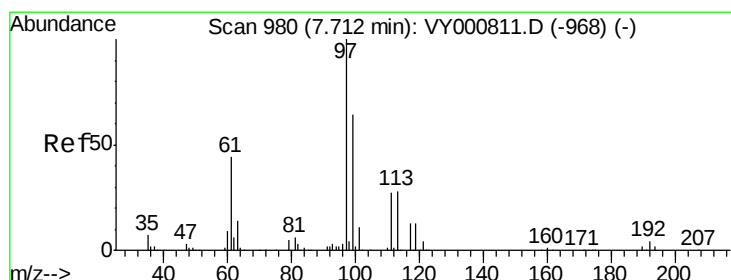
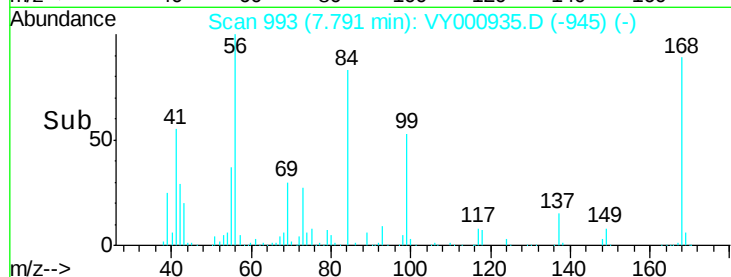
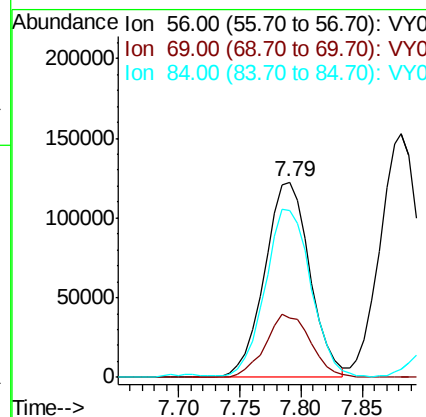
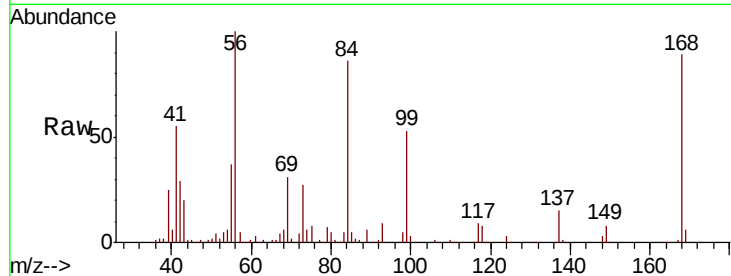
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	314884
Ion Ratio	Lower	Upper	
56	100		
69	30.5	25.9	38.9
84	84.4	68.6	102.8

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#32

1,1,1-Trichloroethane

Concen: 52.359 ug/l

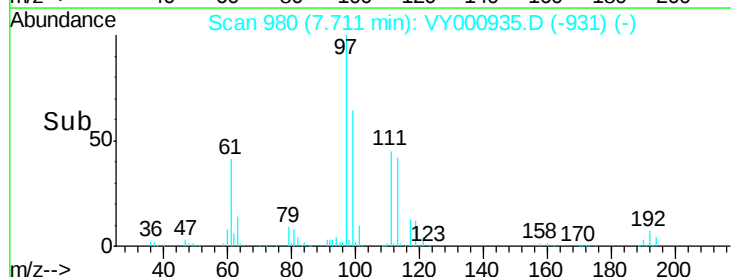
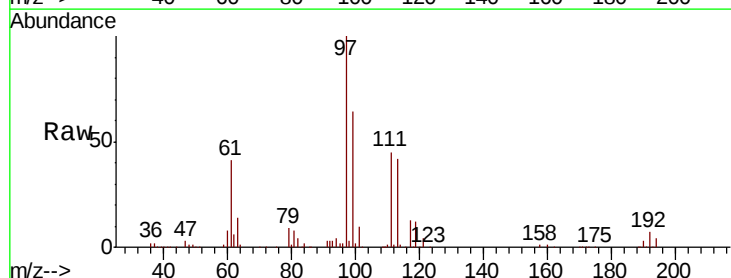
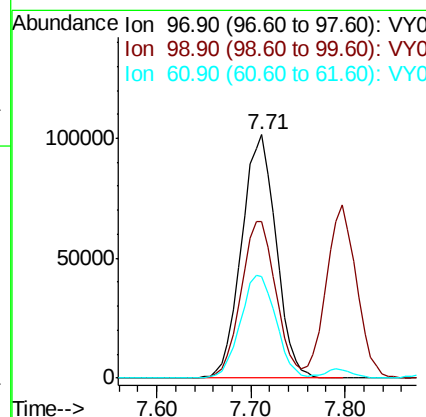
RT: 7.71 min Scan# 980

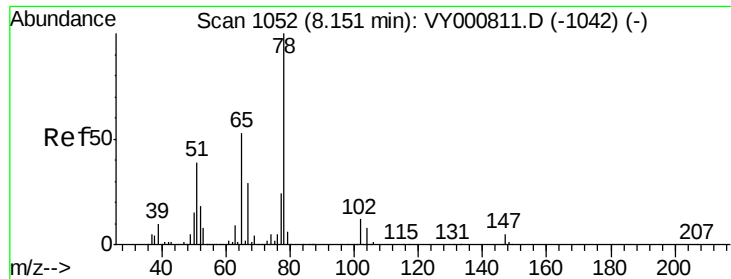
Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion:	97	Resp:	258532
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.7	77.5
61	43.5	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 54.111 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 160927

Ion Ratio Lower Upper

65 100

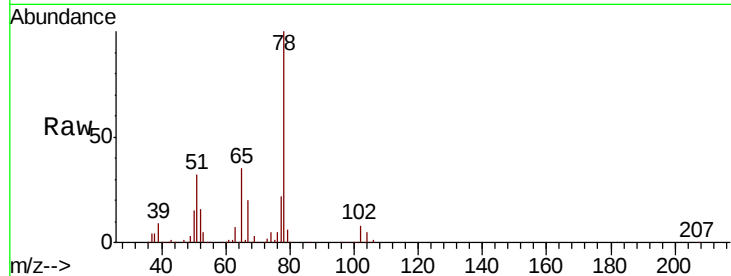
67 55.8 0.0 112.0

Manual Integrations

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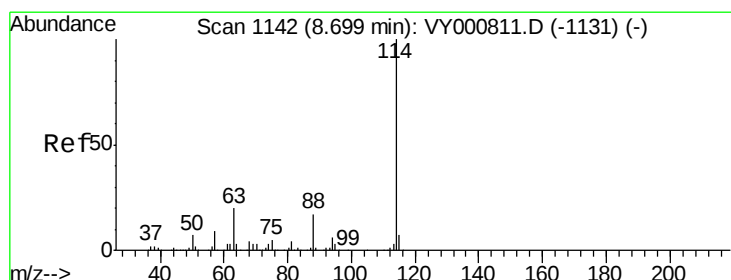
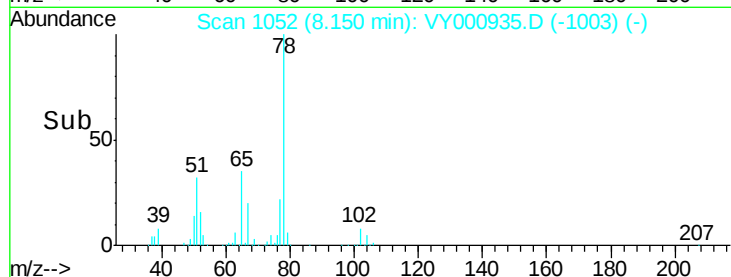
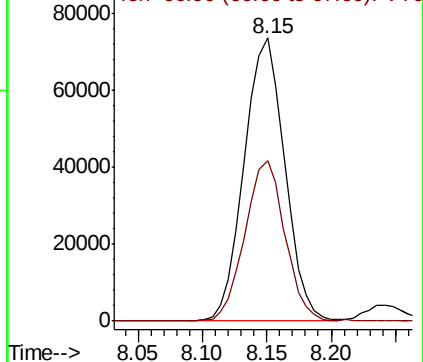
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

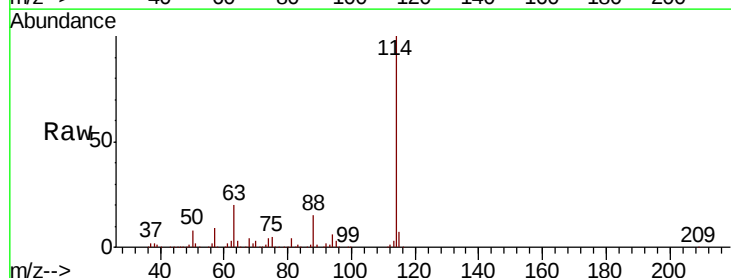
Tgt Ion: 114 Resp: 502333

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

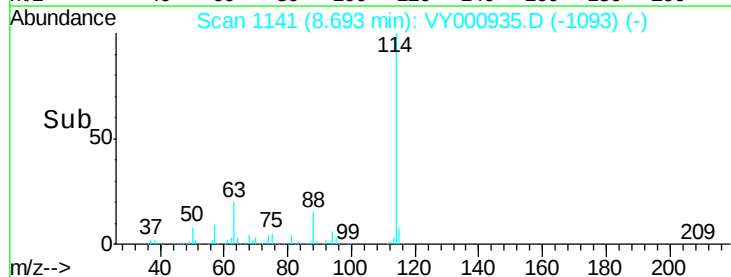
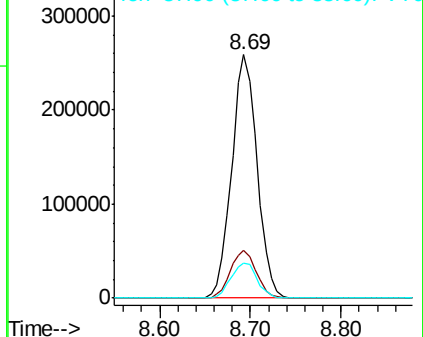
88 14.6 0.0 33.2

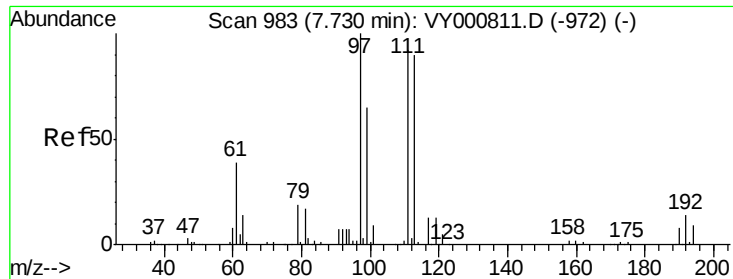


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





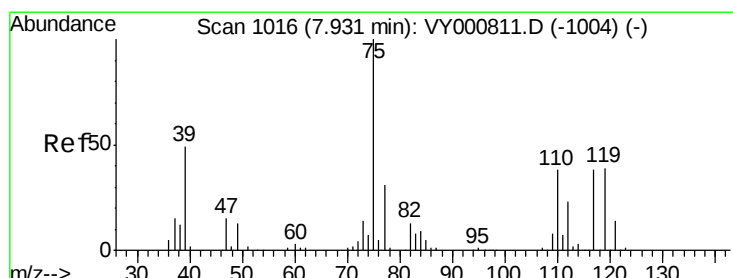
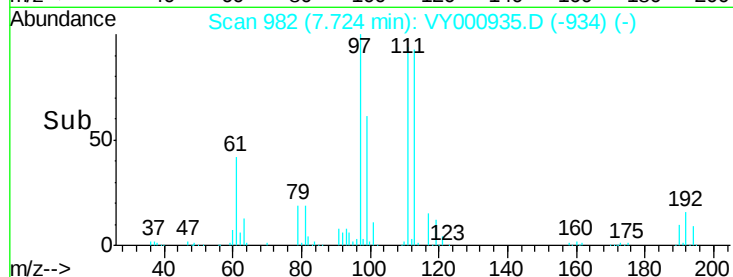
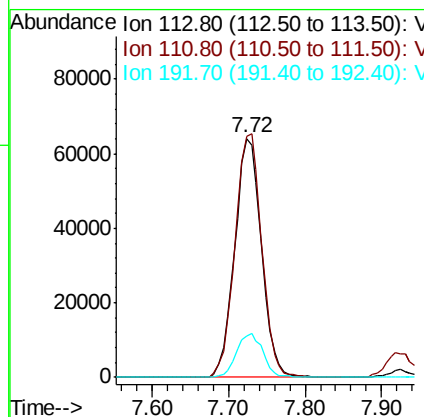
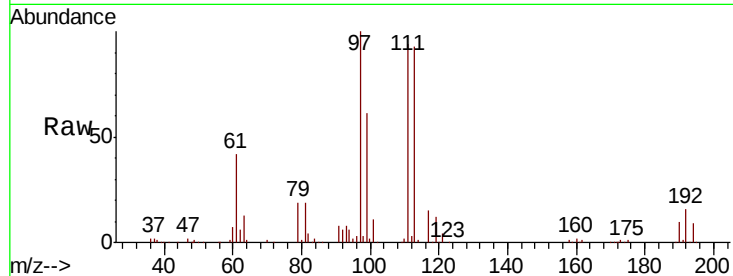
#35
Dibromofluoromethane
Concen: 52.715 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154329		
111	102.6	82.4	123.6	
192	18.1	14.2	21.2	

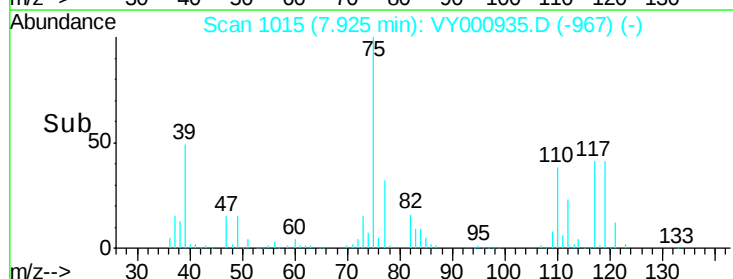
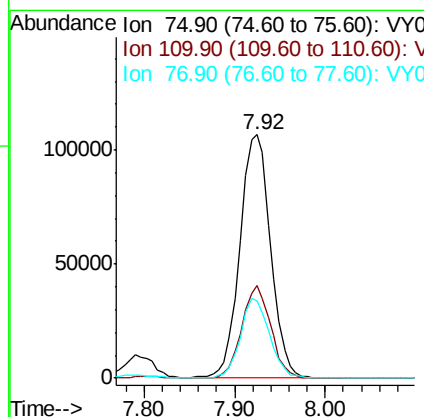
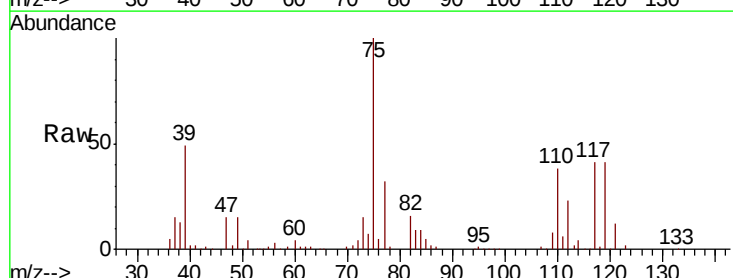
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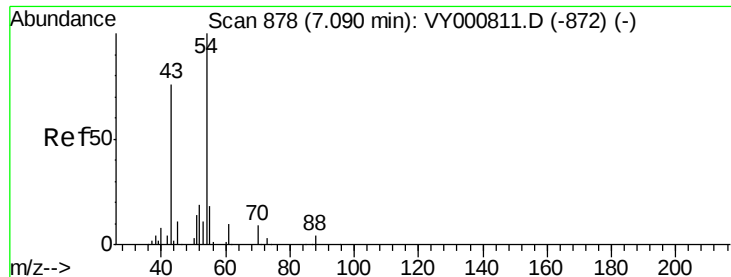
apatel
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#36
1,1-Dichloropropene
Concen: 50.040 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	249936		
110	35.9	17.9	53.7	
77	31.3	24.7	37.1	





#37

Ethyl Acetate

Concen: 50.893 ug/l

RT: 7.08 min Scan# 876

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

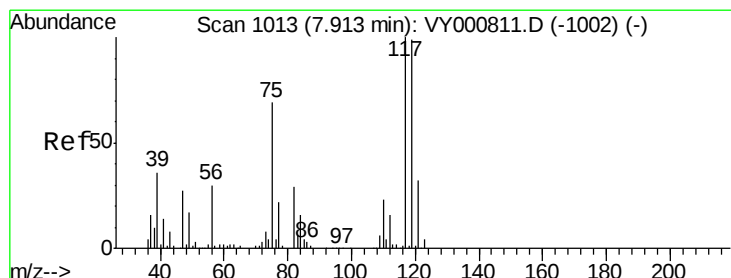
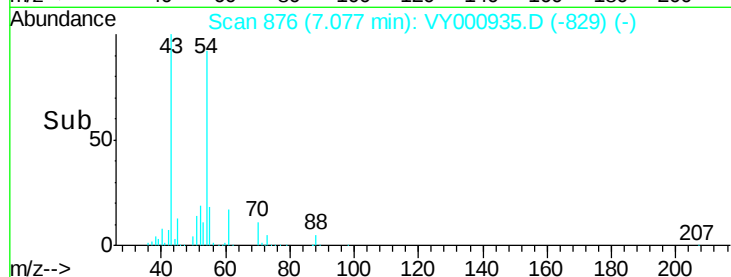
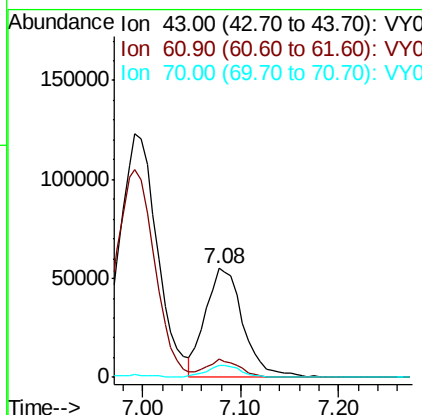
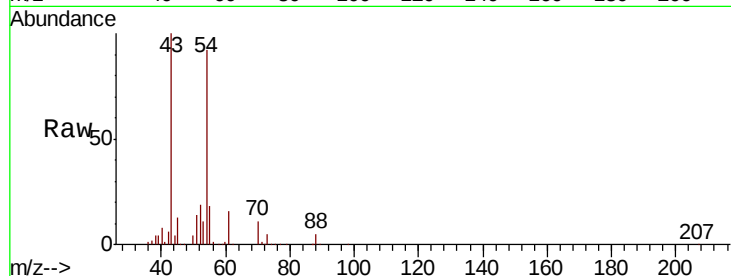
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	146776
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.8
70	10.3	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 50.637 ug/l

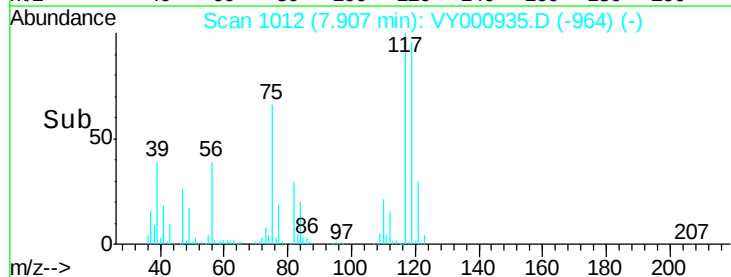
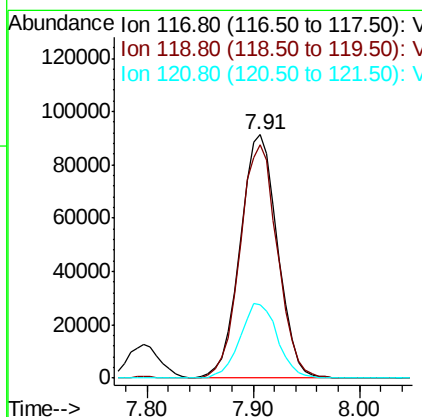
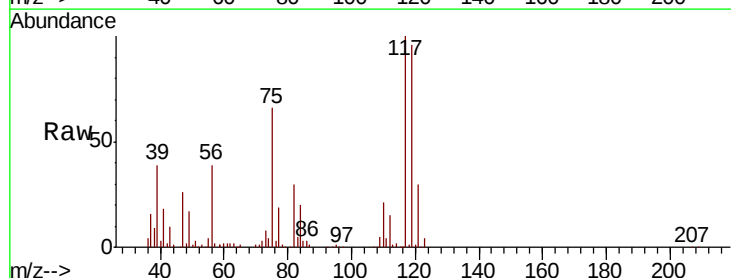
RT: 7.91 min Scan# 1012

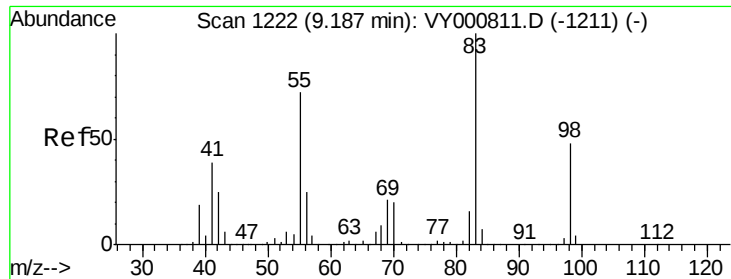
Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion:	117	Resp:	225238
Ion	Ratio	Lower	Upper
117	100		
119	96.1	79.3	118.9
121	30.1	25.5	38.3





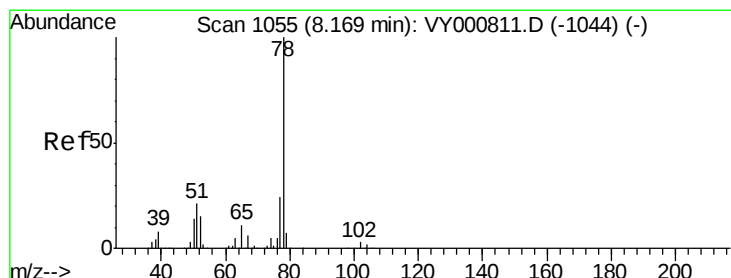
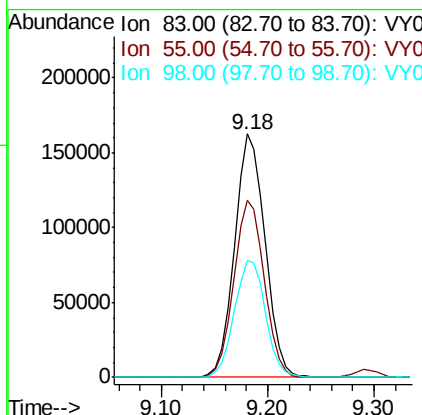
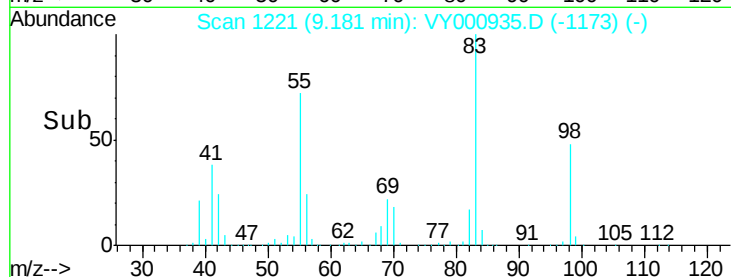
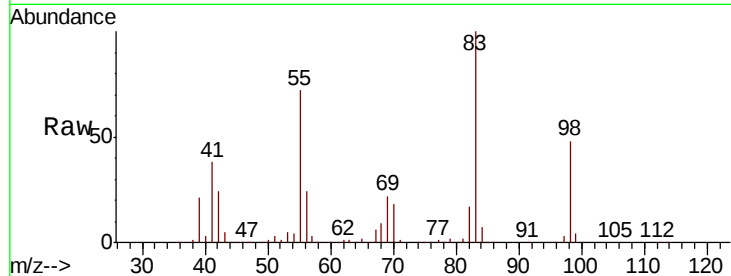
#39
Methvlcvclohexane
Concen: 49.318 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	326359
Ion Ratio	Lower	Upper	
83	100		
55	72.5	57.8	86.6
98	47.9	38.6	58.0

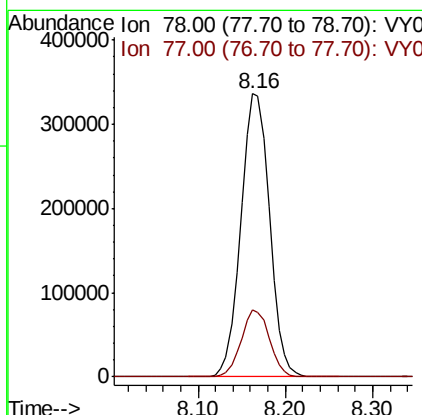
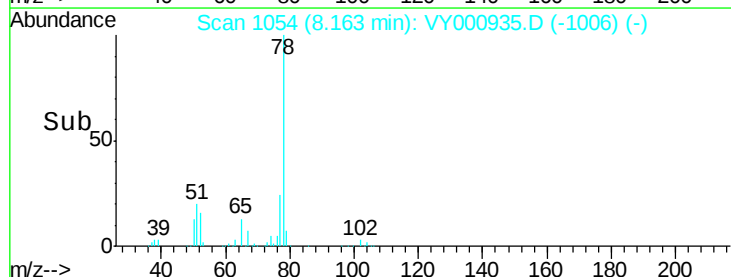
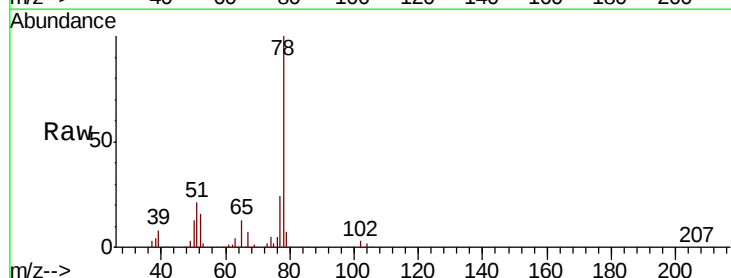
Manual Integrations
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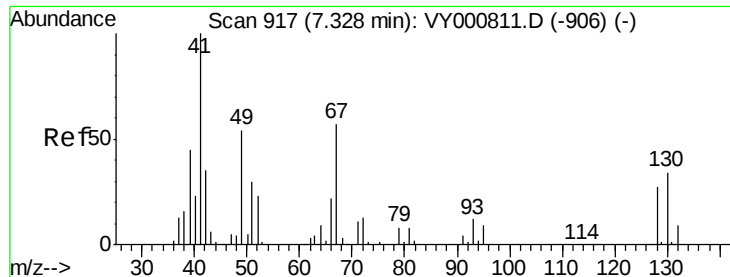
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#40
Benzene
Concen: 52.529 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	78	Resp	764233
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.2	28.8





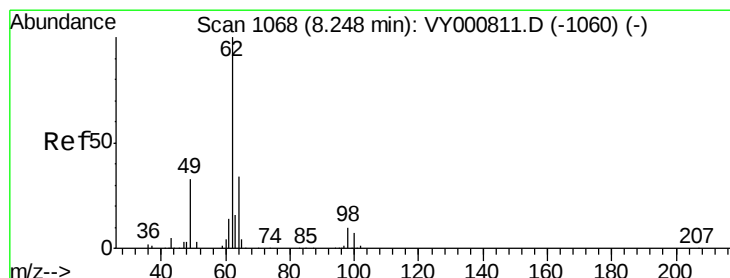
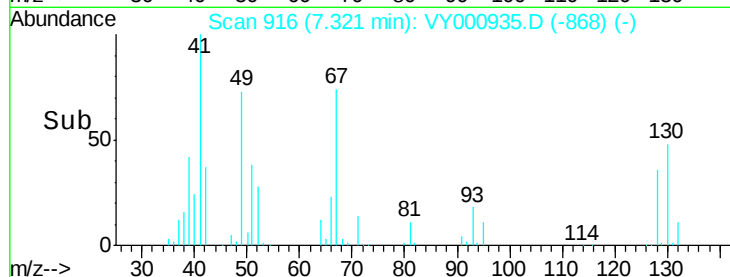
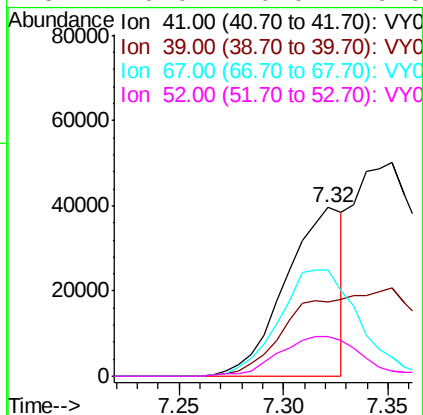
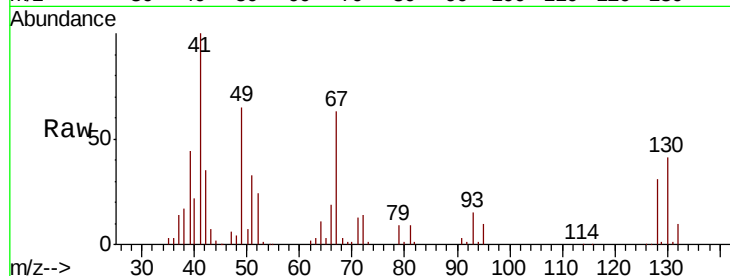
#41
Methacrylonitrile
Concen: 49.967 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	75951
Ion	Ratio	Lower	Upper
41	100		
39	117.0	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

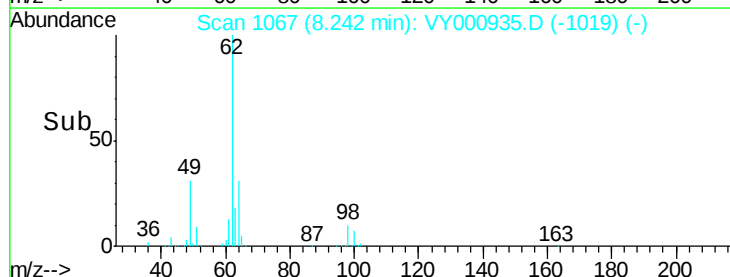
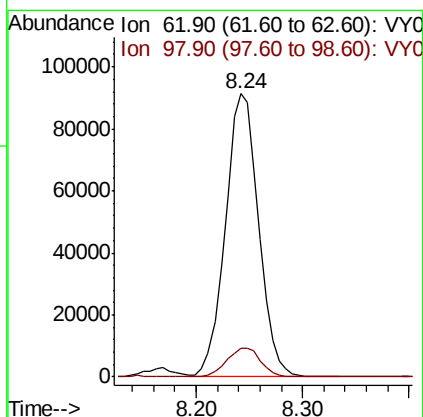
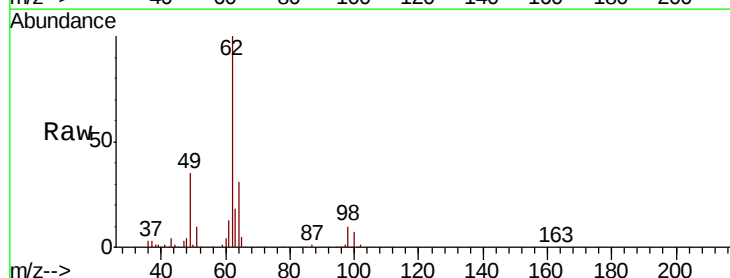
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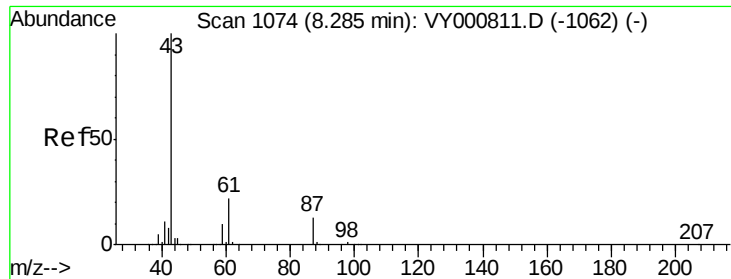
apatel
12/13/2019 10:33:50 AM



#42
1,2-Dichloroethane
Concen: 52.088 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion:	62	Resp:	199297
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4





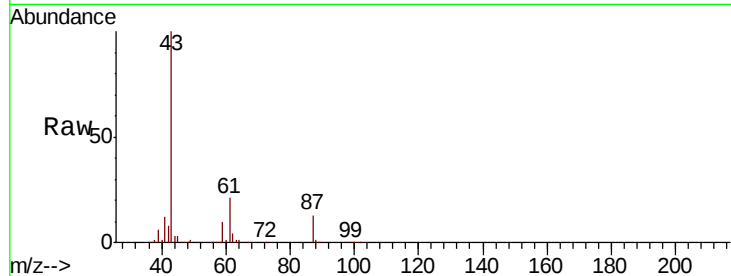
#43
Isopropyl Acetate
Concen: 52.662 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

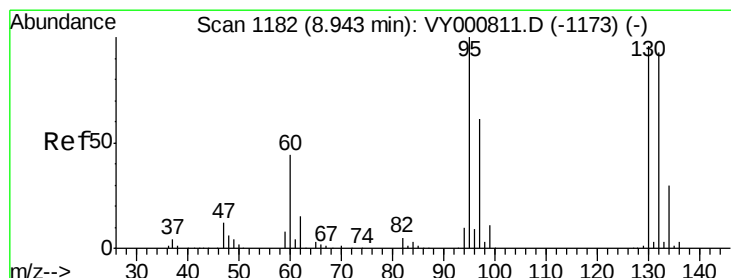
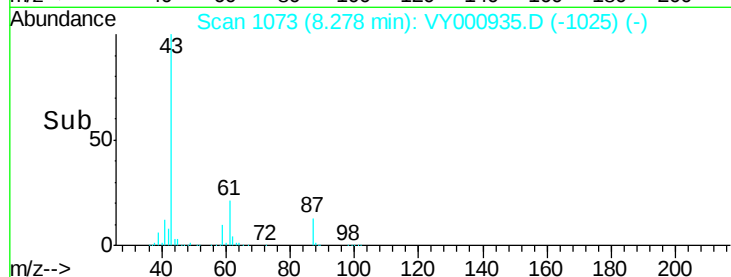
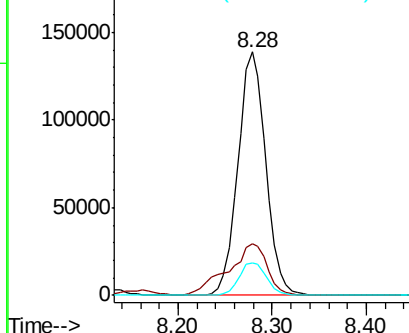
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.7	35.5
87	13.6	10.6	15.8

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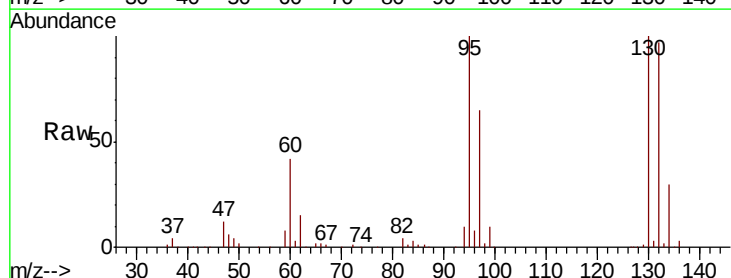


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

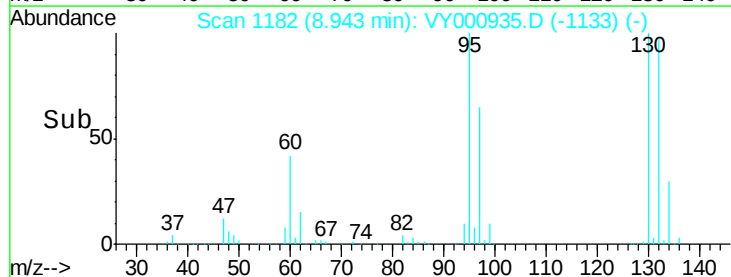
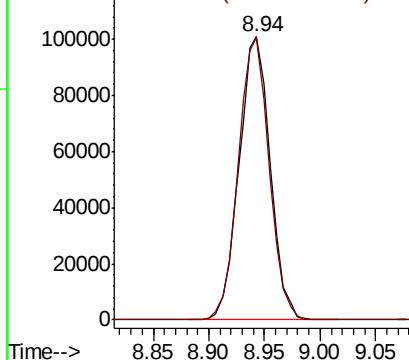


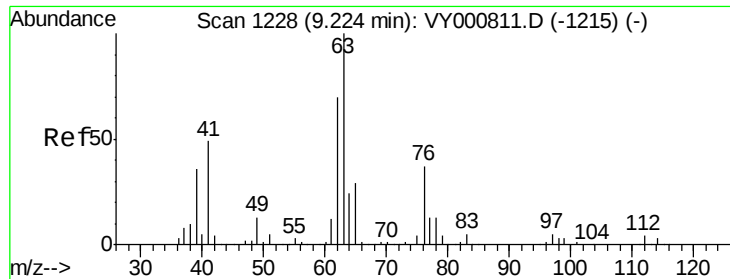
#44
Trichloroethene
Concen: 52.177 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	207.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 54.128 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 197805

Ion Ratio Lower Upper

63 100

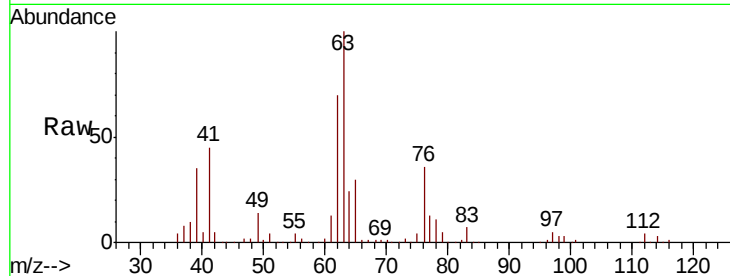
65 29.9 23.2 34.8

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

120000

100000

80000

60000

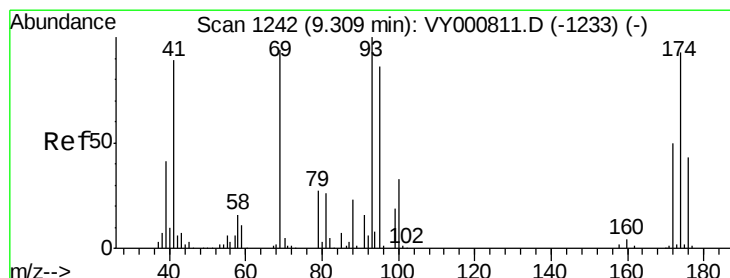
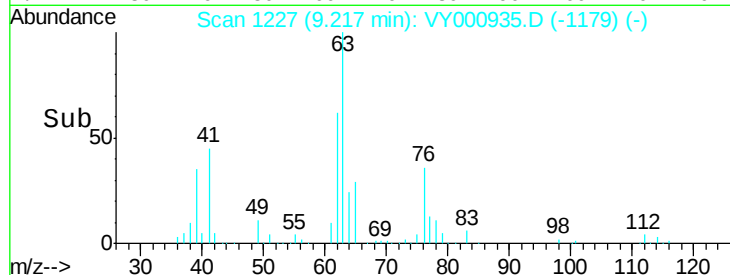
40000

20000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 53.027 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

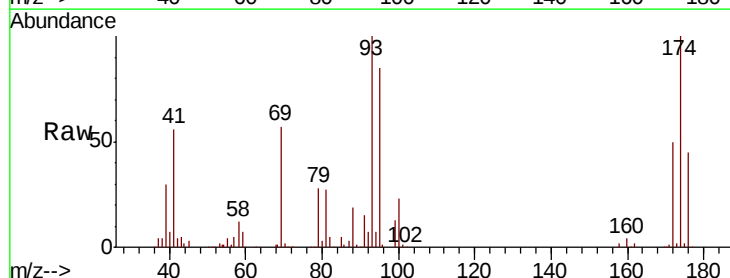
Tgt Ion: 93 Resp: 101250

Ion Ratio Lower Upper

93 100

95 82.6 66.4 99.6

174 92.9 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

60000

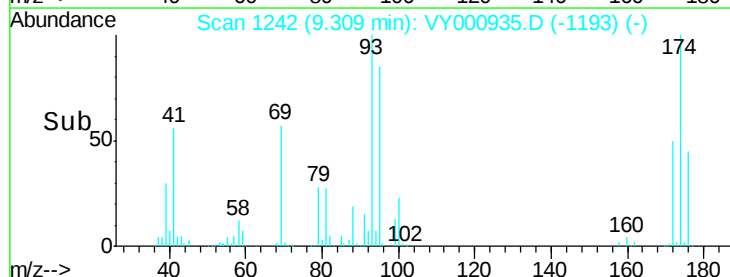
40000

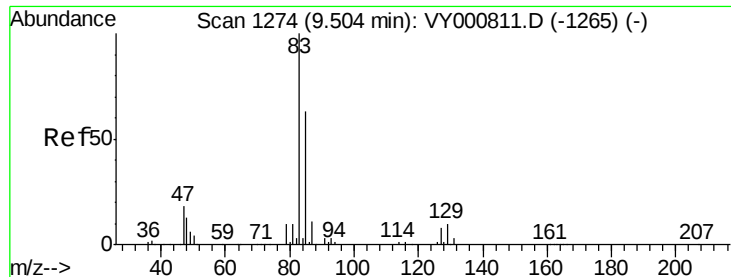
20000

0

9.20 9.25 9.30 9.35 9.40

Time-->





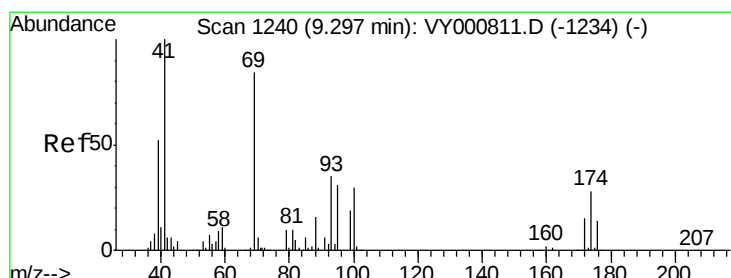
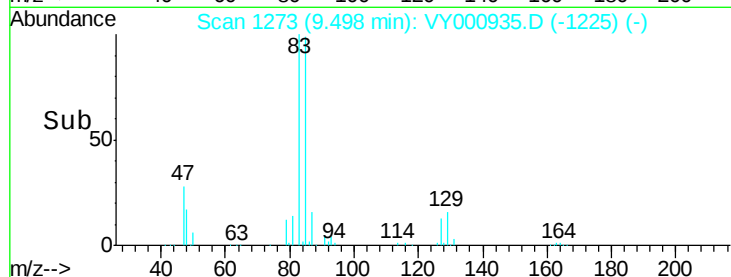
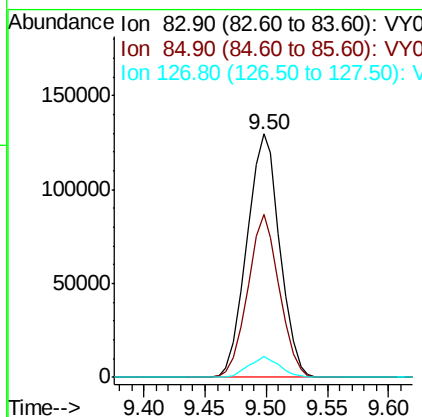
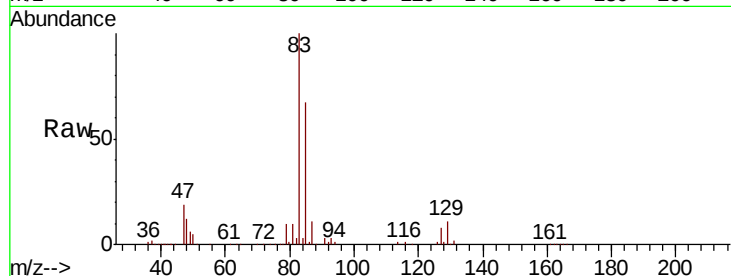
#47
Bromodichloromethane
Concen: 53.912 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.8	76.2
127	8.4	6.6	10.0

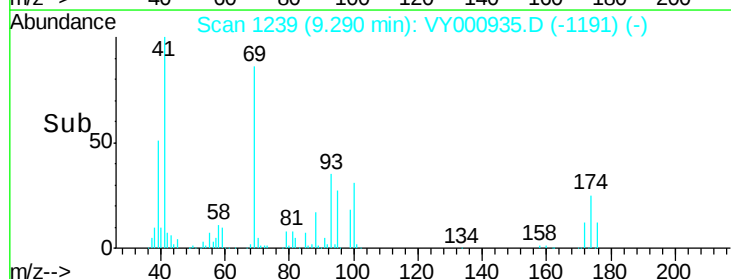
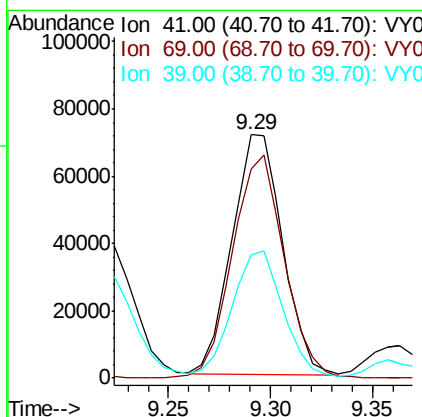
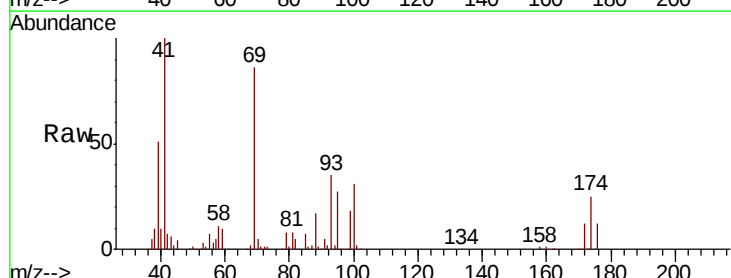
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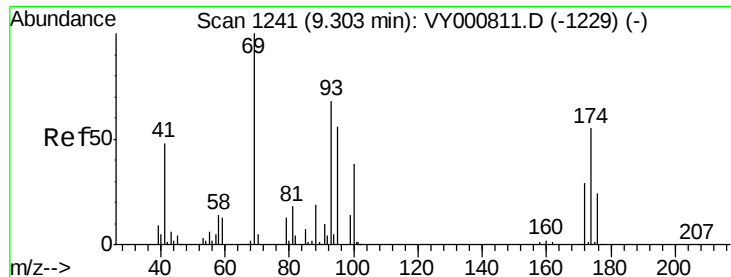
apatel
12/13/2019 10:33:50 AM



#48
Methyl methacrylate
Concen: 51.498 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.0	70.4	105.6
39	53.8	40.9	61.3





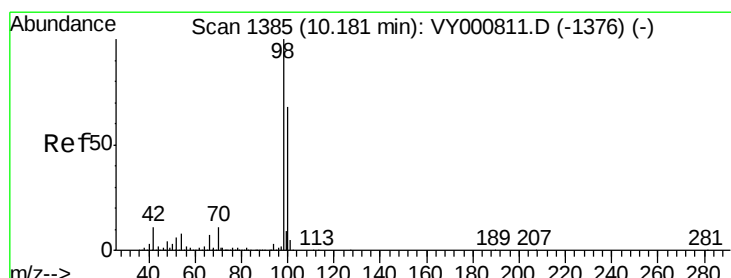
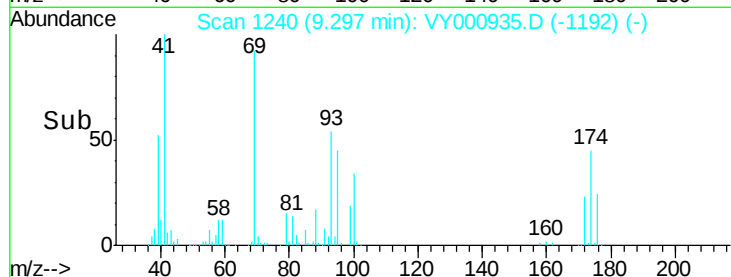
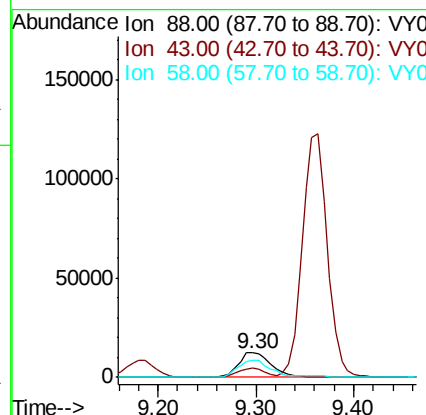
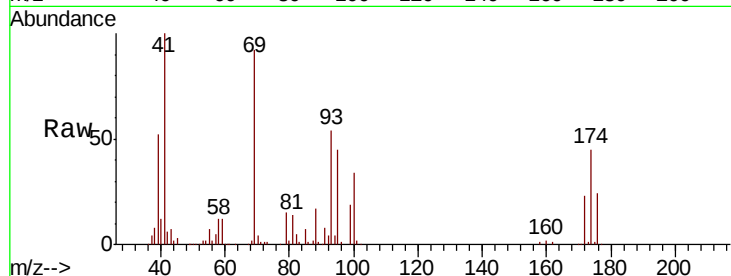
#49
1,4-Dioxane
Concen: 1101.554 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	21.1	31.7
58	72.8	50.7	76.1

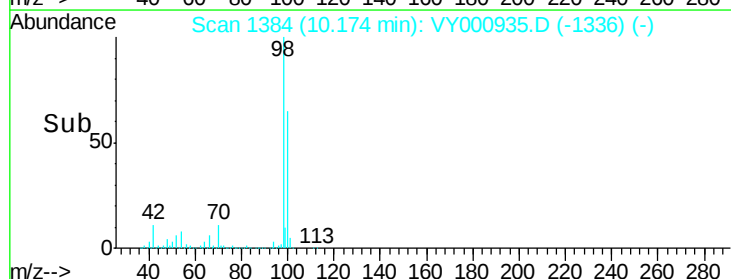
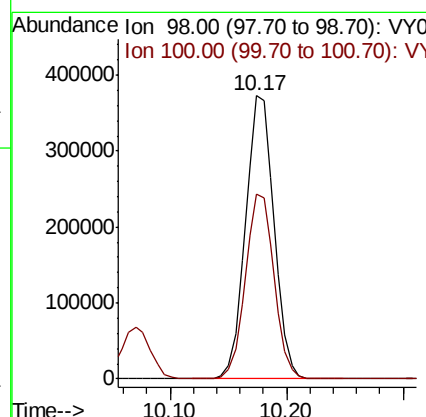
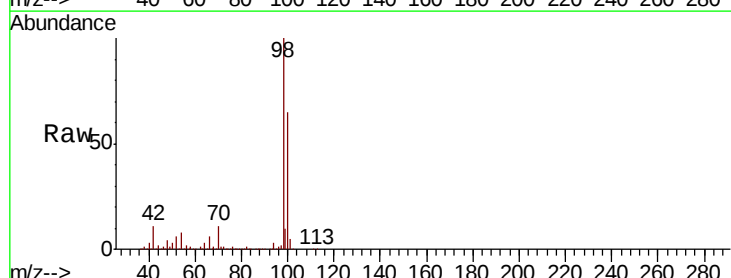
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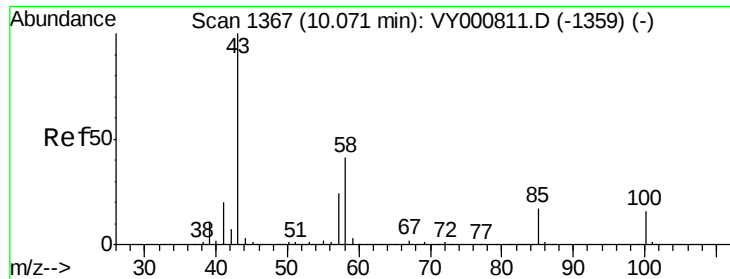
apatel
12/13/2019 10:33:50 AM



#50
Toluene-d8
Concen: 54.459 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 268.023 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 752625

Ion Ratio Lower Upper

43 100

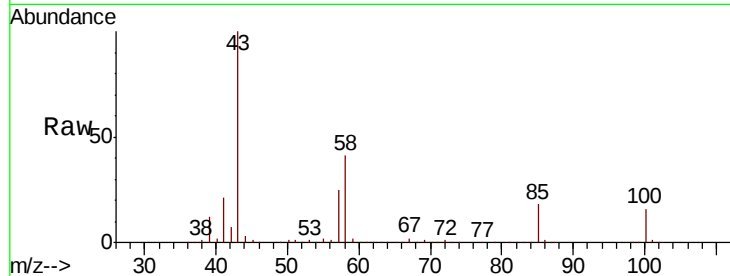
58 41.0 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

400000

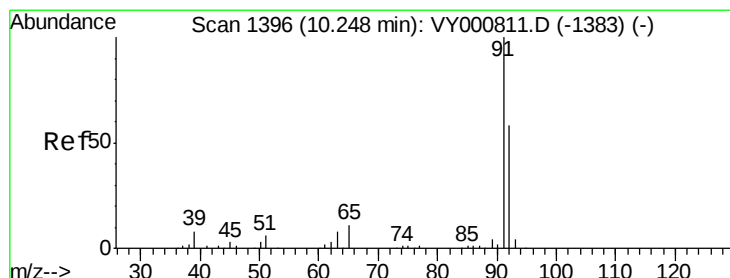
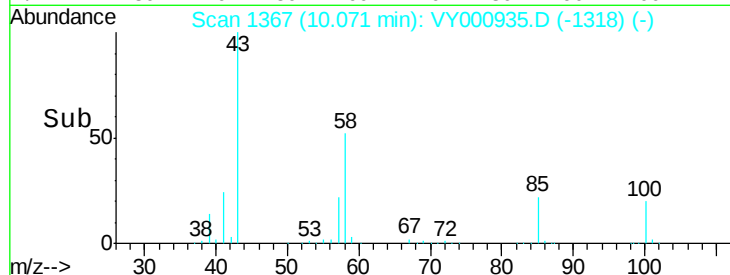
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.804 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000935.D

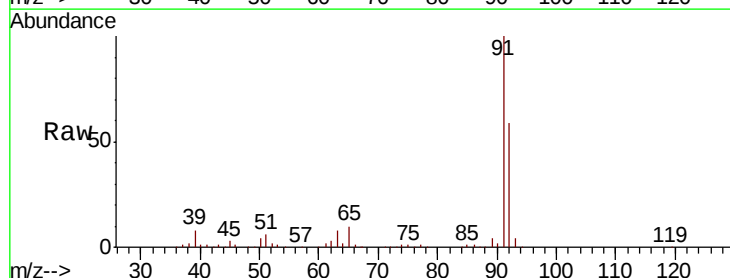
Acq: 12 Dec 2019 17:20

Tgt Ion: 92 Resp: 475654

Ion Ratio Lower Upper

92 100

91 172.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

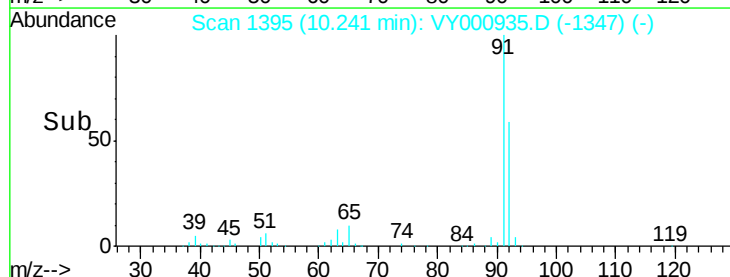
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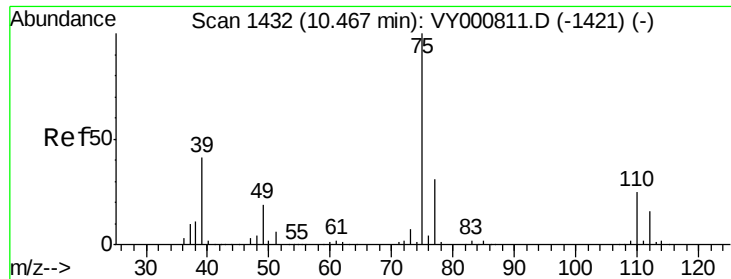
200000

100000

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Time-->





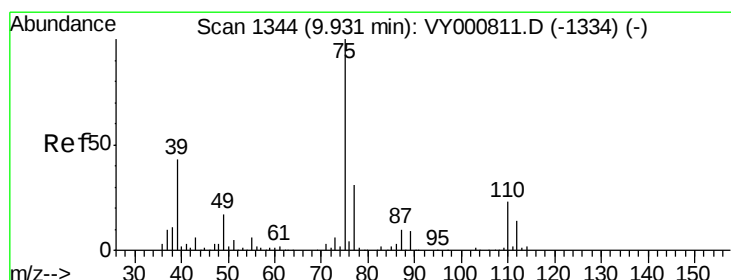
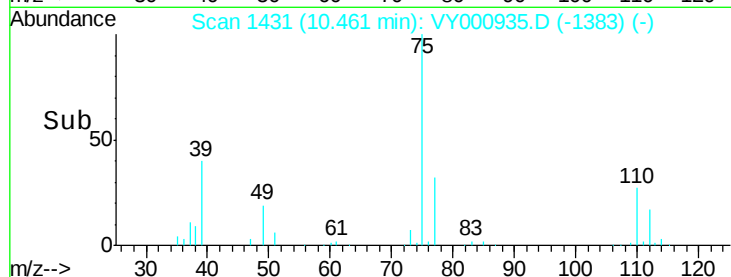
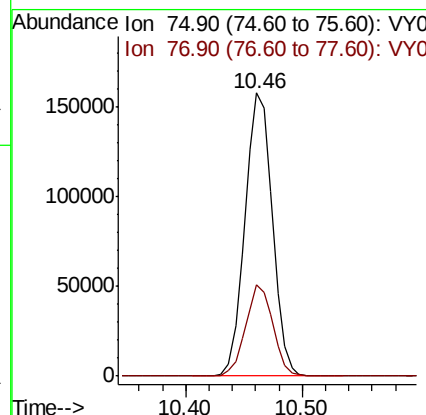
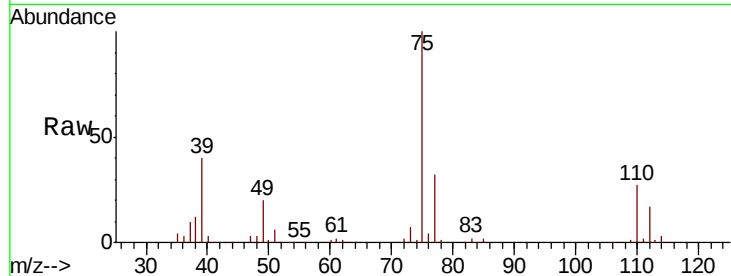
#53
 t-1,3-Dichloropropene
 Concen: 53.933 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 259902
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7

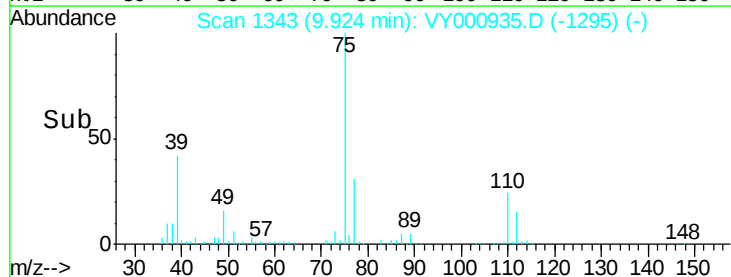
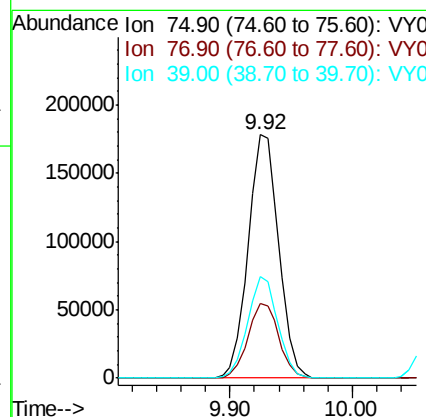
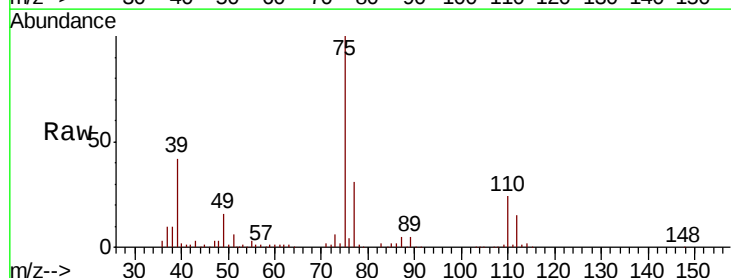
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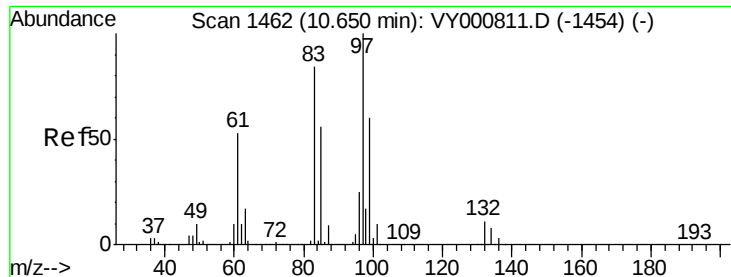
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 54.252 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion: 75 Resp: 309026
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 41.7 34.5 51.7





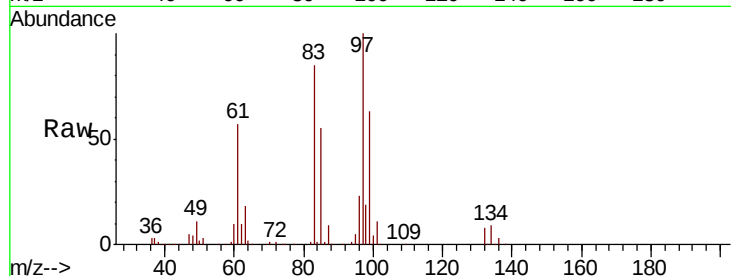
#55
 1,1,2-Trichloroethane
 Concen: 54.247 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.5	101.3
85	54.6	44.5	66.7
99	63.0	47.7	71.5

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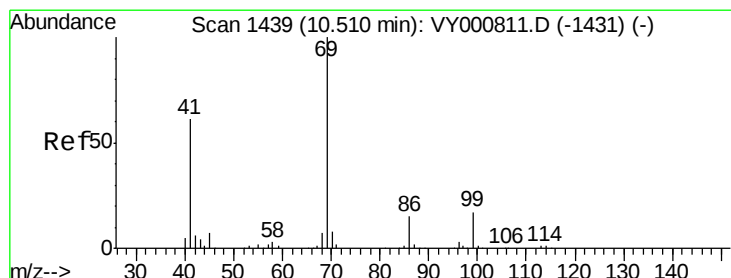
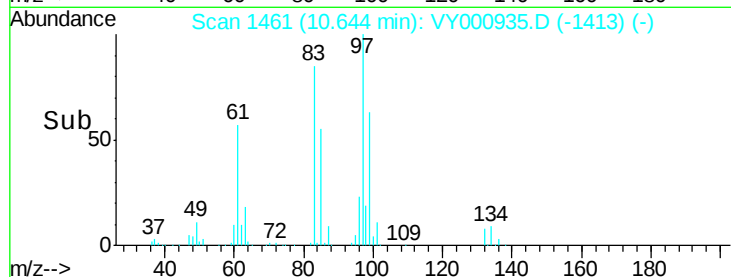
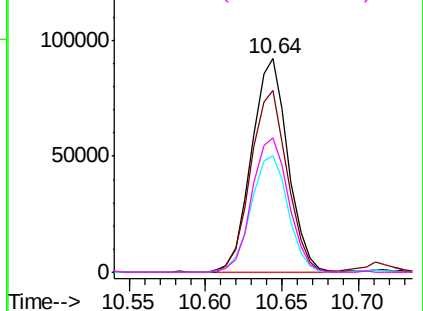
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 55.484 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

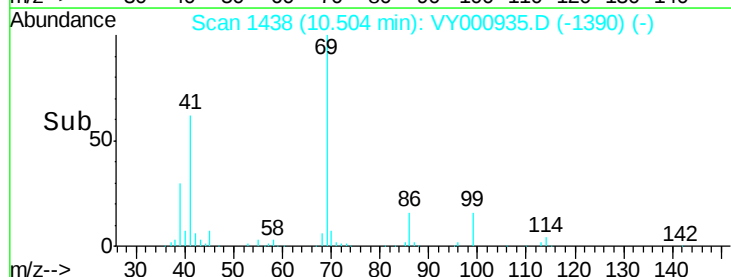
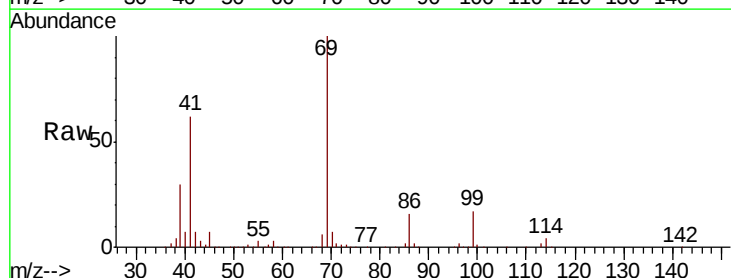
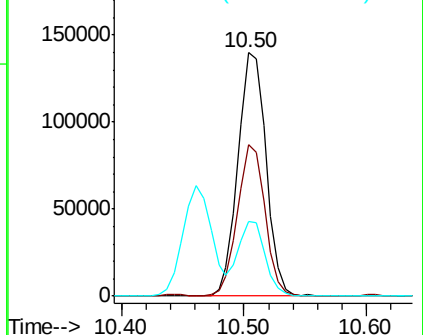
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.7	49.0	73.6
39	29.4	23.1	34.7

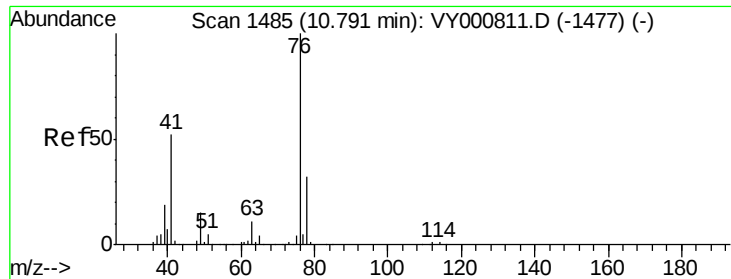
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





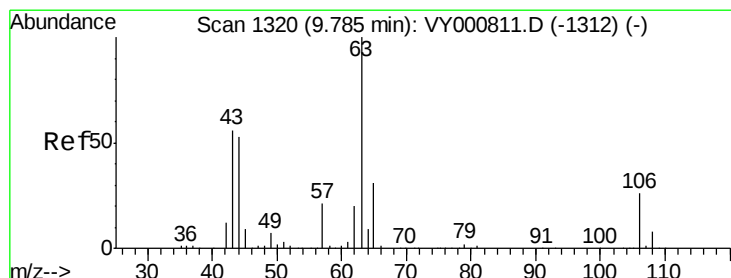
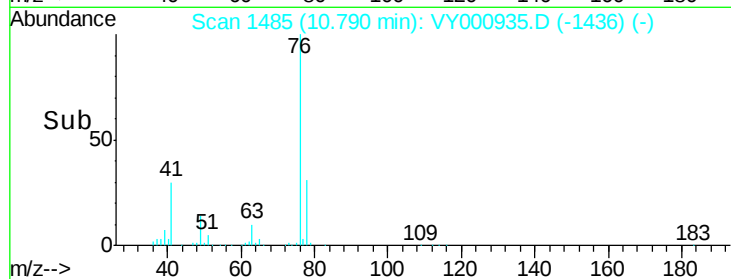
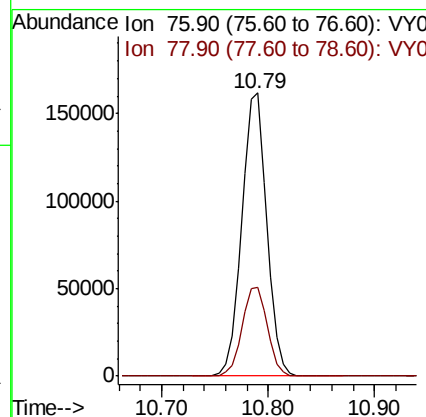
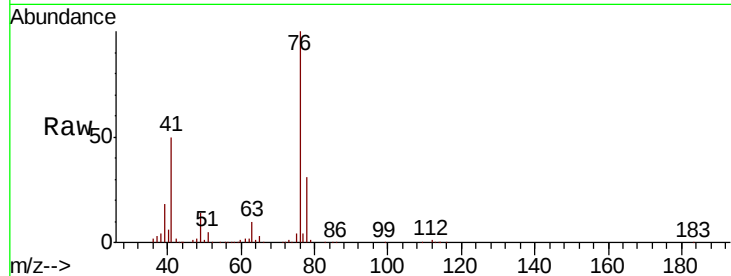
#57
 1,3-Dichloropropane
 Concen: 54.231 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.4	39.6

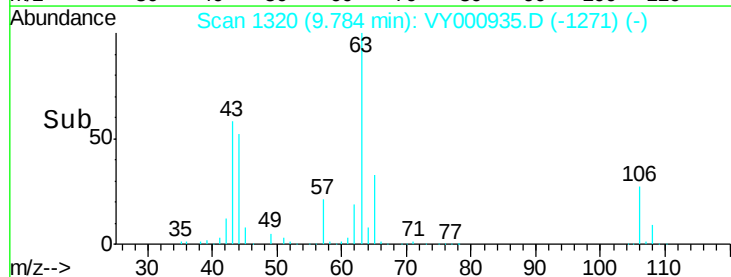
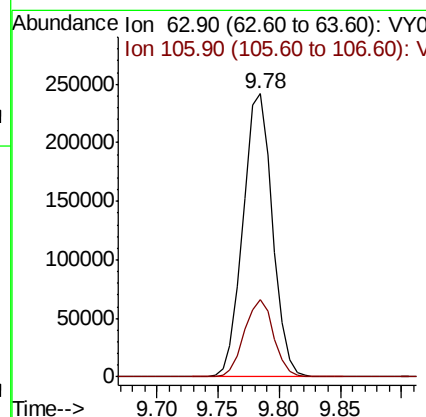
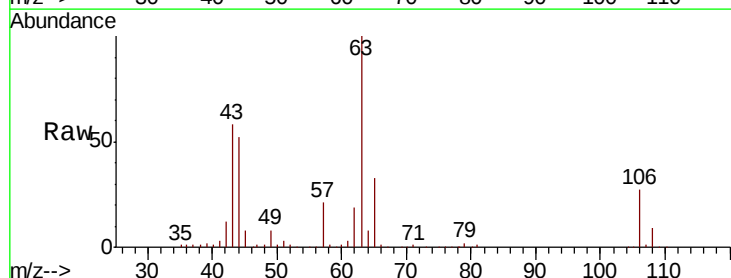
Manual Integrations
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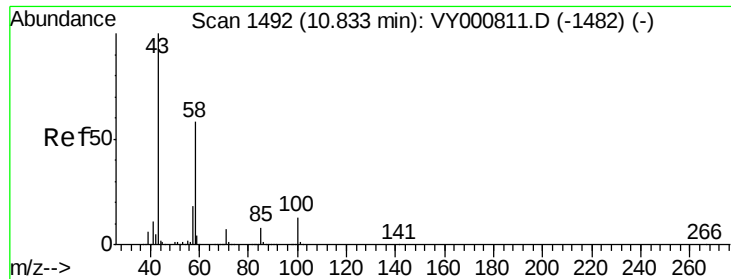
apatel
 12/13/2019 10:33:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.241 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.5	32.3





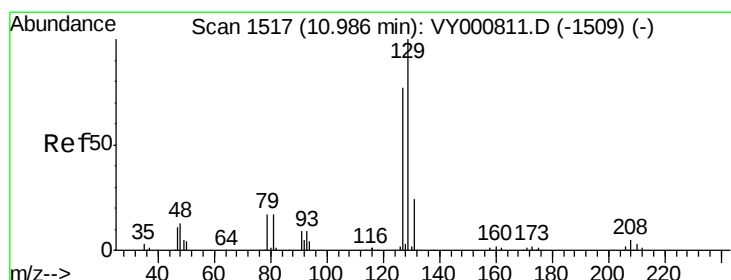
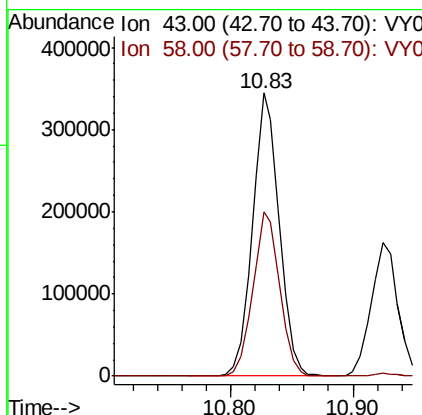
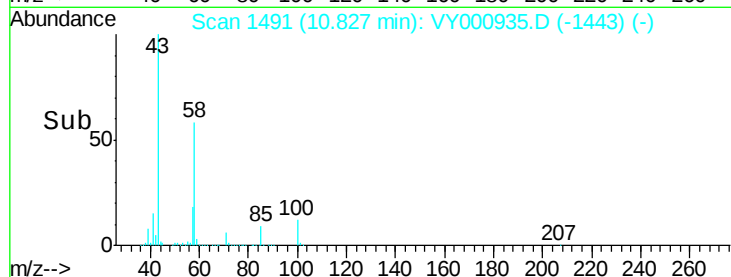
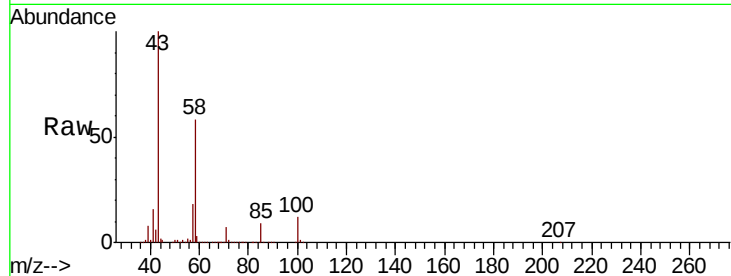
#59
2-Hexanone
Concen: 255.082 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 521940
Ion Ratio Lower Upper
43 100
58 58.5 29.0 87.1

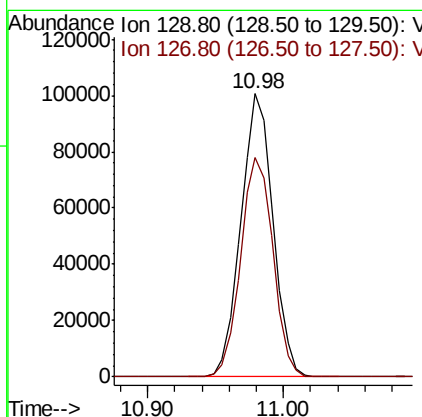
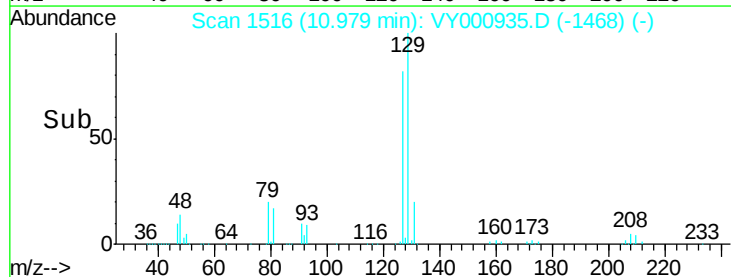
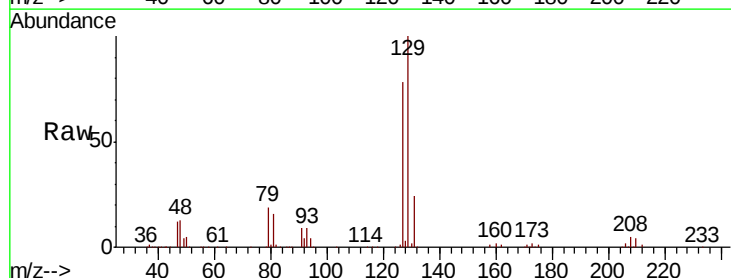
Manual Integrations
APPROVED

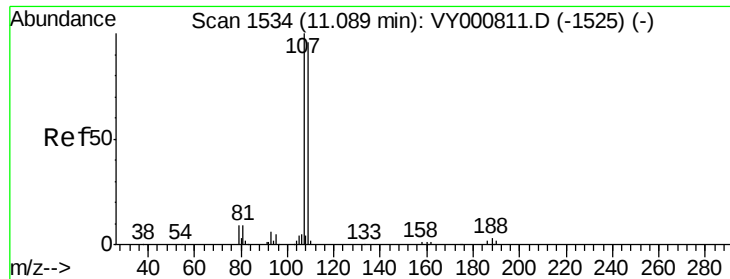
apatel
12/13/2019 10:33:50 AM



#60
Dibromochloromethane
Concen: 54.574 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion: 129 Resp: 165731
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 54.234 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 144187

Ion Ratio Lower Upper

107 100

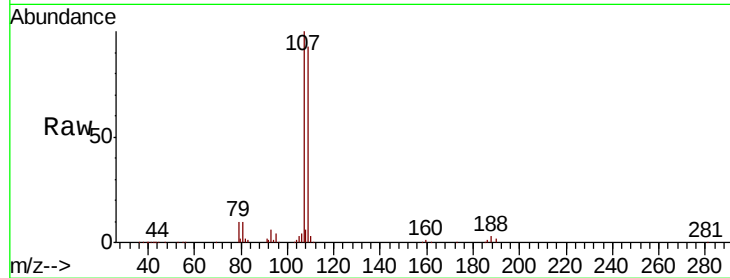
109 93.8 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.08

80000

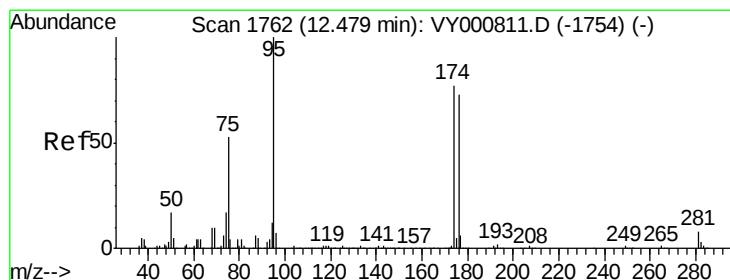
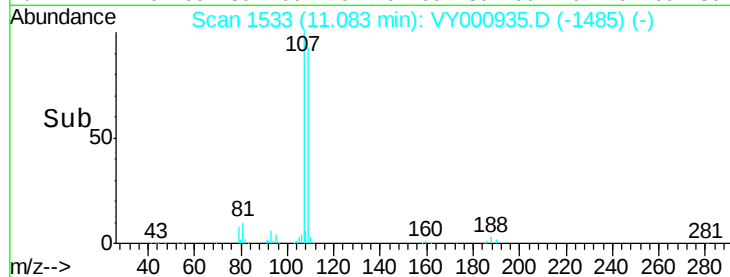
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.248 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

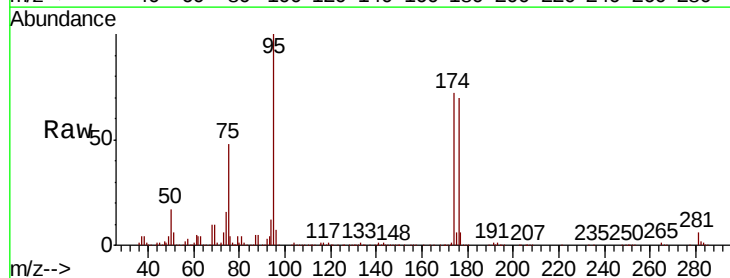
Tgt Ion: 95 Resp: 220868

Ion Ratio Lower Upper

95 100

174 78.5 0.0 150.6

176 74.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.47

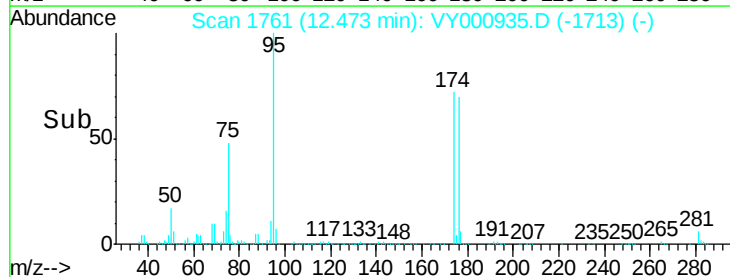
150000

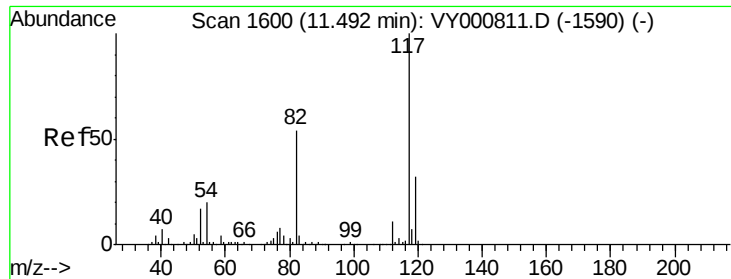
100000

50000

0

Time-->





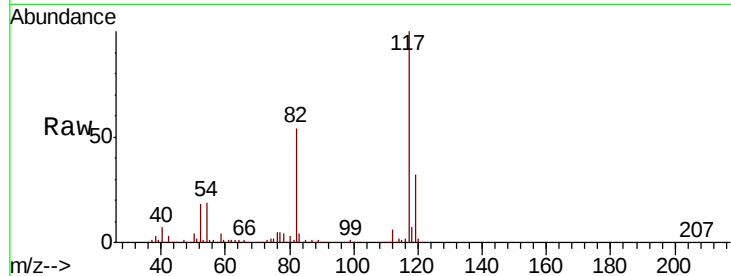
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	450266		
82	54.4		43.1	64.7
119	31.6		25.3	37.9

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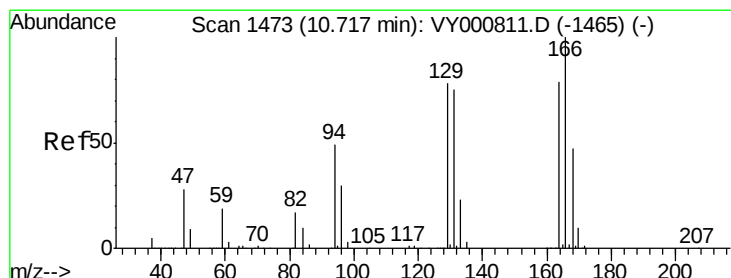
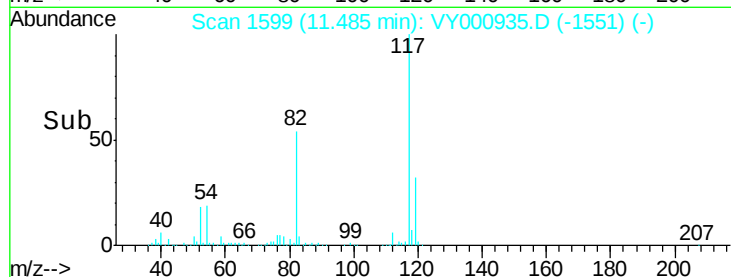
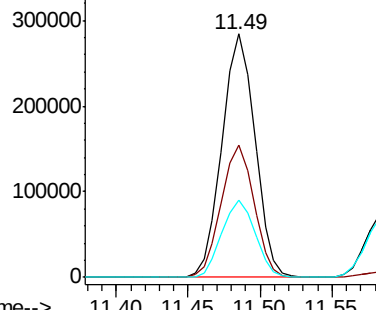


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.193 ug/l
RT: 10.71 min Scan# 1472
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204182		
166	119.2		101.8	152.8
129	94.5		79.3	118.9
131	91.7		76.4	114.6

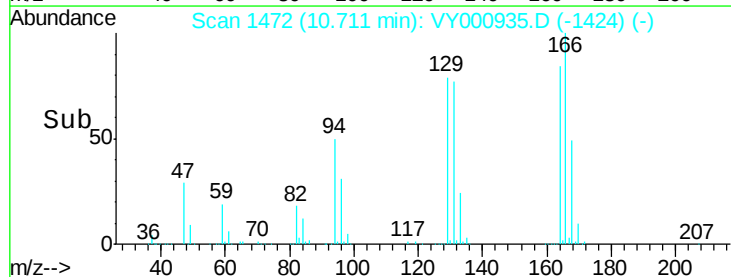
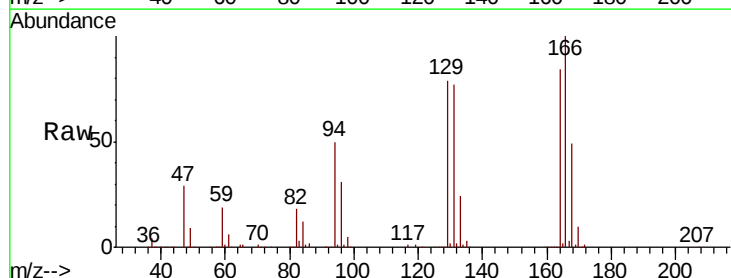
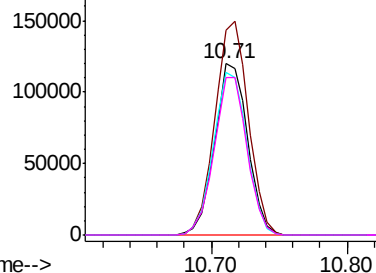
Abundance

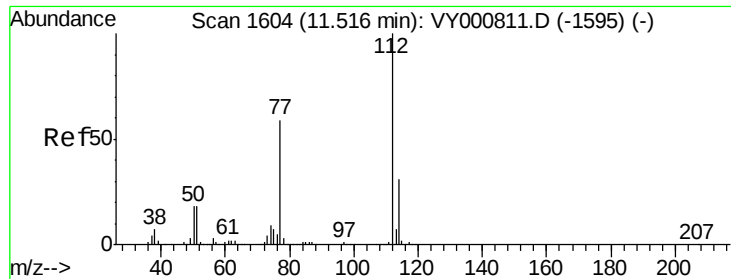
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





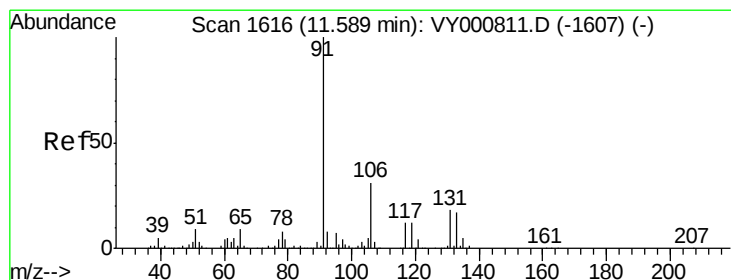
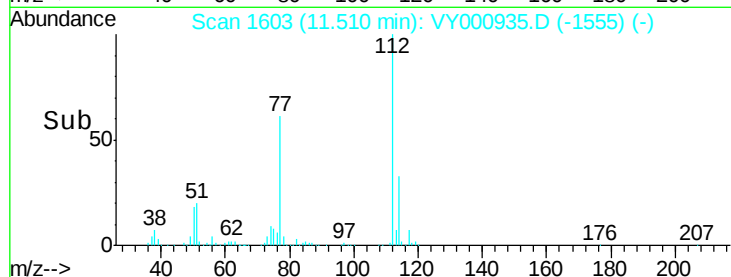
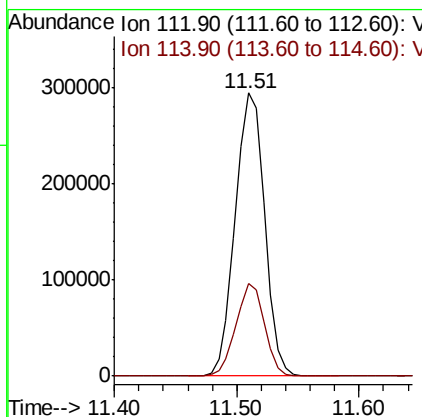
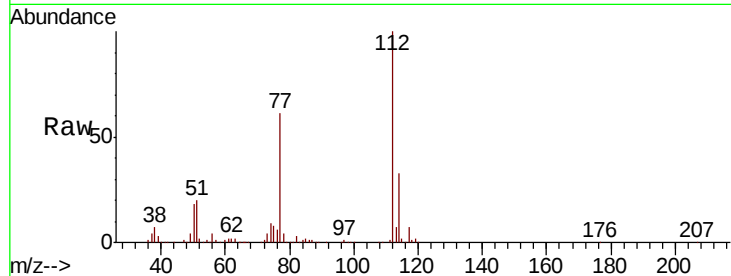
#65
Chlorobenzene
Concen: 52.245 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.1	37.7

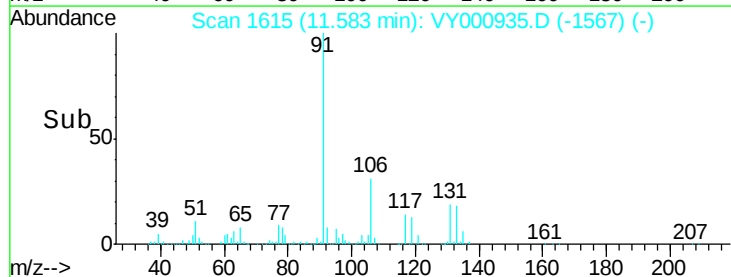
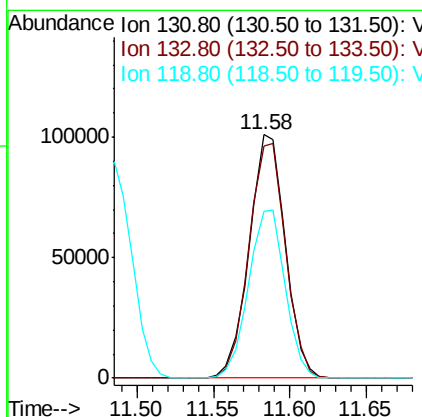
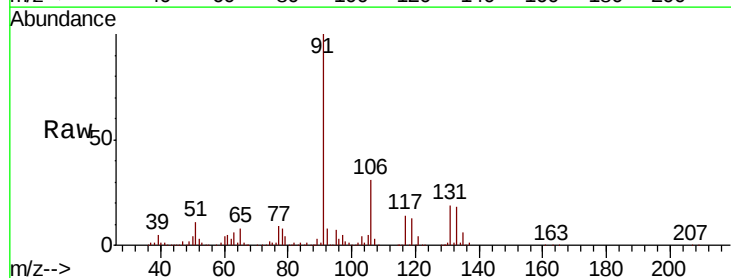
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.689 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	47.4	142.2
119	70.1	33.8	101.3





#67

Ethyl Benzene

Concen: 52.082 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 907839

Ion Ratio Lower Upper

91 100

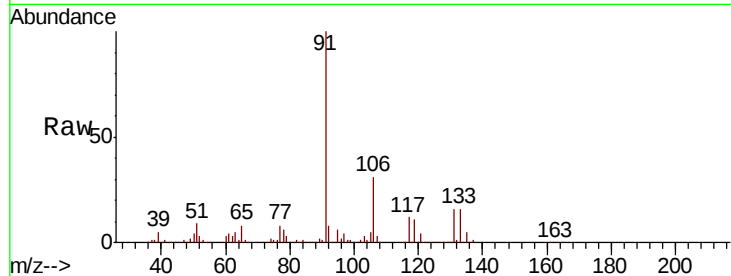
106 30.7 24.4 36.6

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Abundance Ion 91.00 (90.70 to 91.70): VY000935.D (-1567) (-)

Ion 106.00 (105.70 to 106.70): VY000935.D (-1567) (-)

800000

600000

400000

200000

0

11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

11.90

11.95

12.00

12.05

12.10

12.15

12.20

12.25

12.30

12.35

12.40

12.45

12.50

12.55

12.60

12.65

12.70

12.75

12.80

12.85

12.90

12.95

13.00

13.05

13.10

13.15

13.20

13.25

13.30

13.35

13.40

13.45

13.50

13.55

13.60

13.65

13.70

13.75

13.80

13.85

13.90

13.95

14.00

14.05

14.10

14.15

14.20

14.25

14.30

14.35

14.40

14.45

14.50

14.55

14.60

14.65

14.70

14.75

14.80

14.85

14.90

14.95

15.00

15.05

15.10

15.15

15.20

15.25

15.30

15.35

15.40

15.45

15.50

15.55

15.60

15.65

15.70

15.75

15.80

15.85

15.90

15.95

16.00

16.05

16.10

16.15

16.20

16.25

16.30

16.35

16.40

16.45

16.50

16.55

16.60

16.65

16.70

16.75

16.80

16.85

16.90

16.95

17.00

17.05

17.10

17.15

17.20

17.25

17.30

17.35

17.40

17.45

17.50

17.55

17.60

17.65

17.70

17.75

17.80

17.85

17.90

17.95

18.00

18.05

18.10

18.15

18.20

18.25

18.30

18.35

18.40

18.45

18.50

18.55

18.60

18.65

18.70

18.75

18.80

18.85

18.90

18.95

19.00

19.05

19.10

19.15

19.20

19.25

19.30

19.35

19.40

19.45

19.50

19.55

19.60

19.65

19.70

19.75

19.80

19.85

19.90

19.95

20.00

20.05

20.10

20.15

20.20

20.25

20.30

20.35

20.40

20.45

20.50

20.55

20.60

20.65

20.70

20.75

20.80

20.85

20.90

20.95

21.00

21.05

21.10

21.15

21.20

21.25

21.30

21.35

21.40

21.45

21.50

21.55

21.60

21.65

21.70

21.75

21.80

21.85

21.90

21.95

22.00

22.05

22.10

22.15

22.20

22.25

22.30

22.35

22.40

22.45

22.50

22.55

22.60

22.65

22.70

22.75

22.80

22.85

22.90

22.95

23.00

23.05

23.10

23.15

23.20

23.25

23.30

23.35

23.40

23.45

23.50

23.55

23.60

23.65

23.70

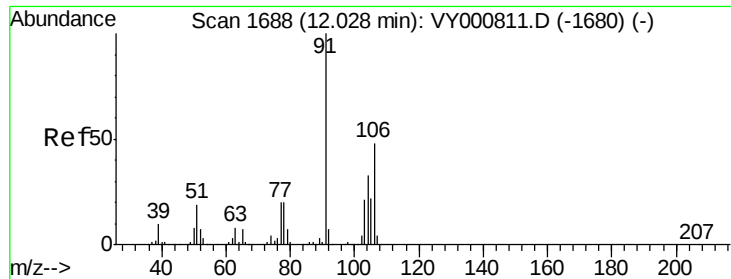
23.75

23.80

23.85

23.90

23.95



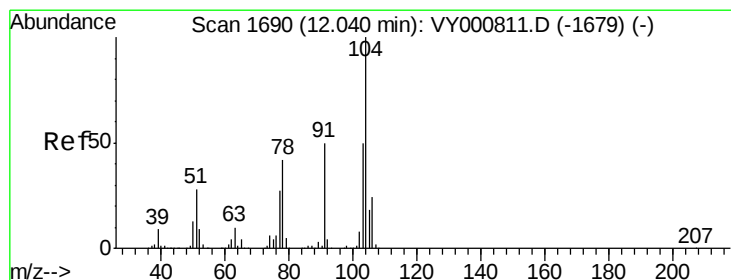
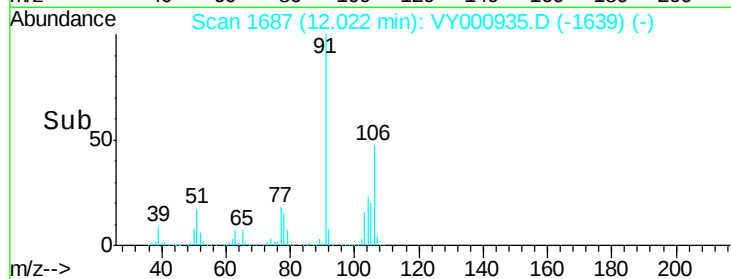
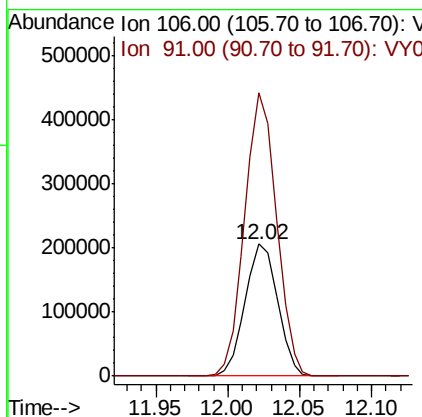
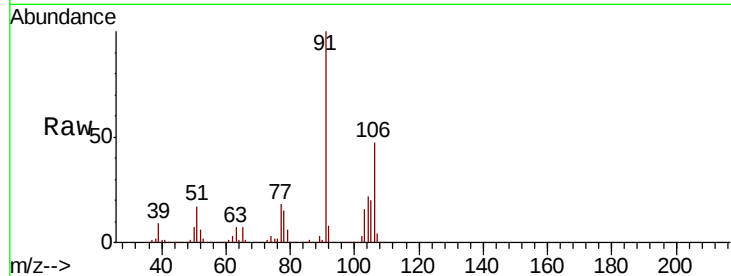
#69
o-Xylene
Concen: 53.189 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	106.1	318.1

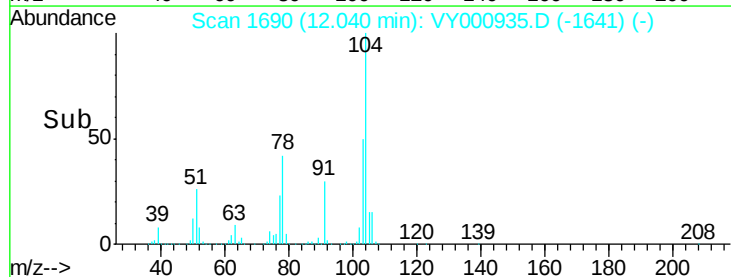
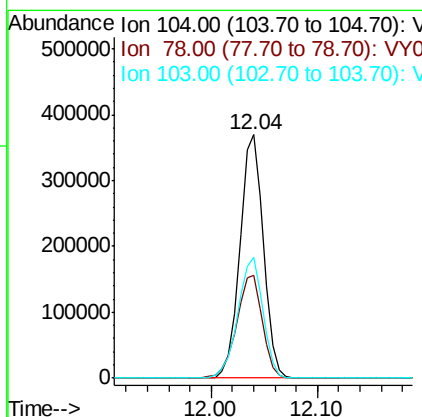
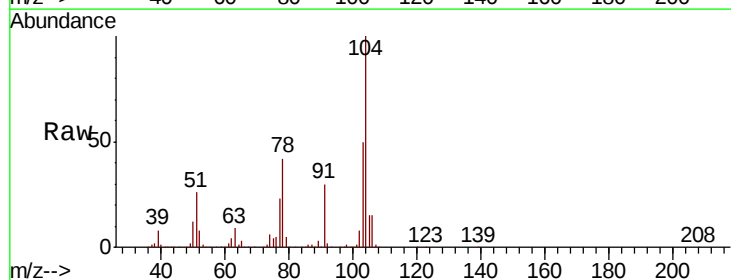
Manual Integrations
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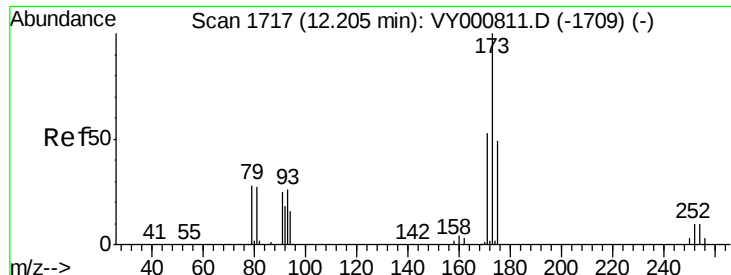
apatel
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#70
Styrene
Concen: 54.556 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.6	38.2	57.4
103	53.2	43.4	65.0





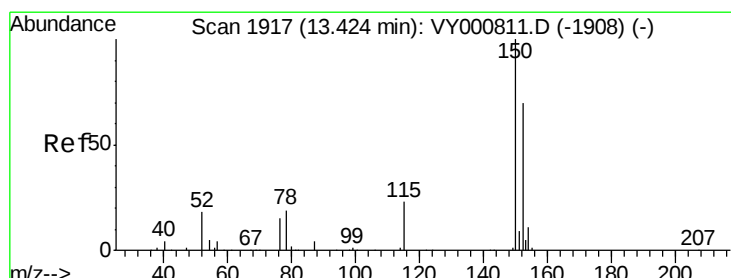
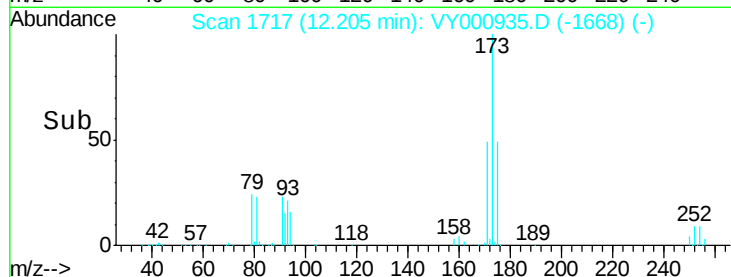
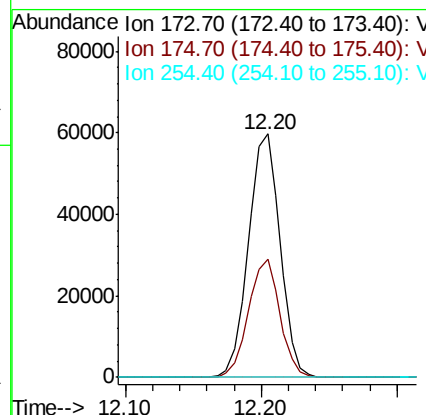
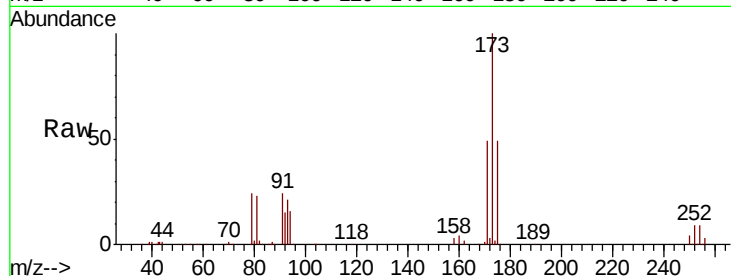
#71
Bromoform
Concen: 54.729 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.5	73.5
254	0.0	0.0	0.0

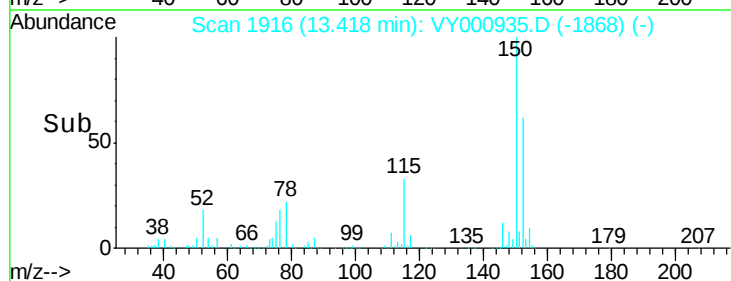
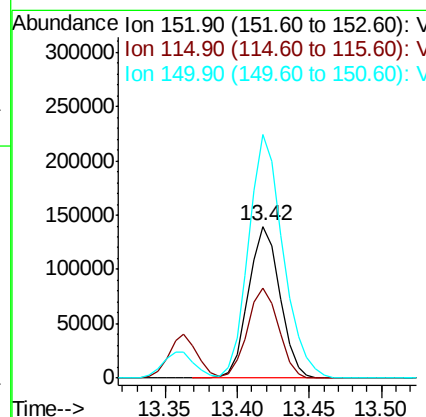
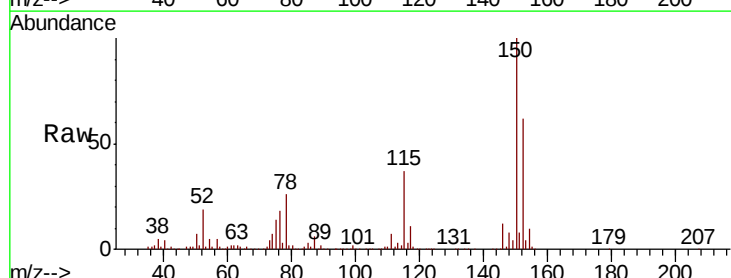
Manual Integrations
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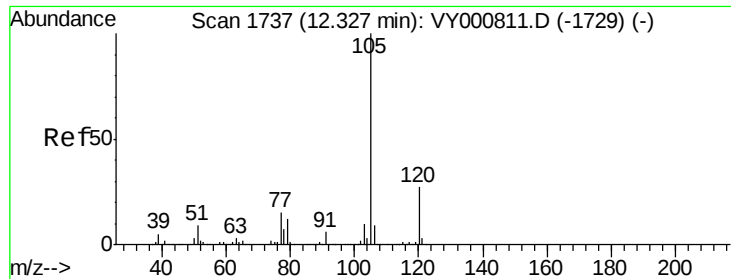
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.8
150	175.6	0.0	351.2





#73

Isopropylbenzene

Concen: 51.488 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 863080

Ion Ratio Lower Upper

105 100

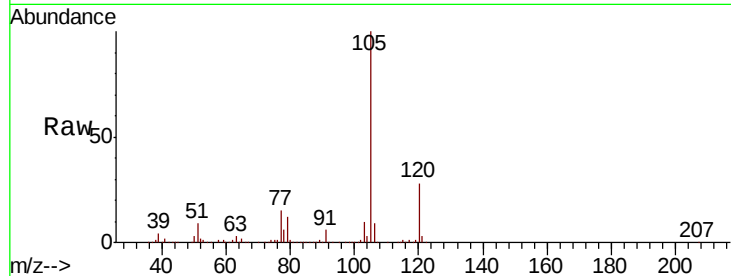
120 26.9 13.4 40.2

Manual Integrations

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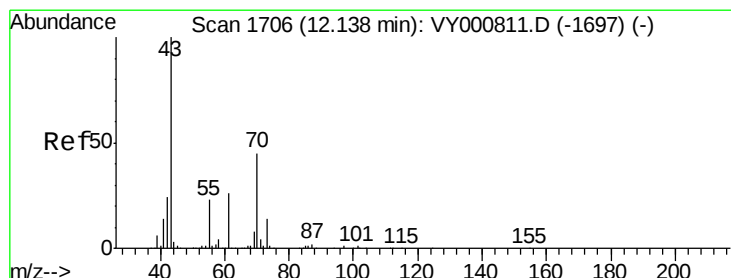
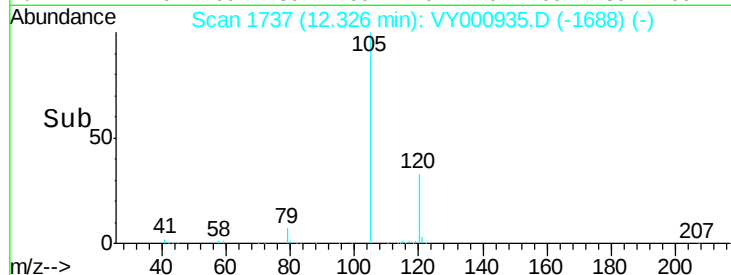
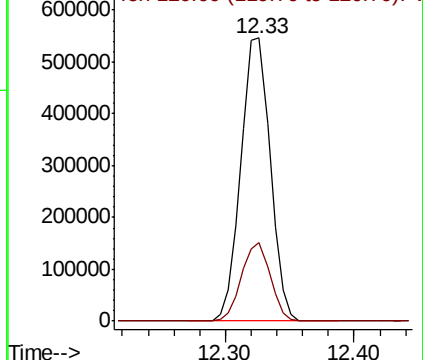
apatel

12/13/2019 10:33:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.567 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion: 43 Resp: 249926

Ion Ratio Lower Upper

43 100

70 46.5 36.6 54.8

55 23.6 18.8 28.2

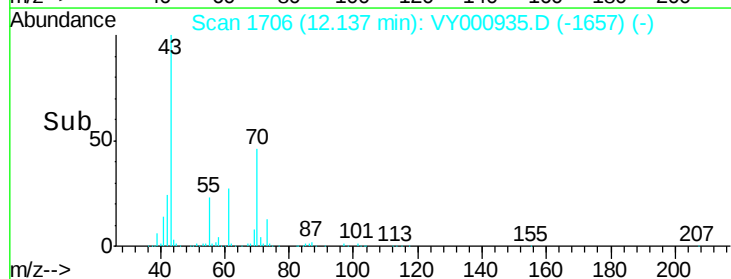
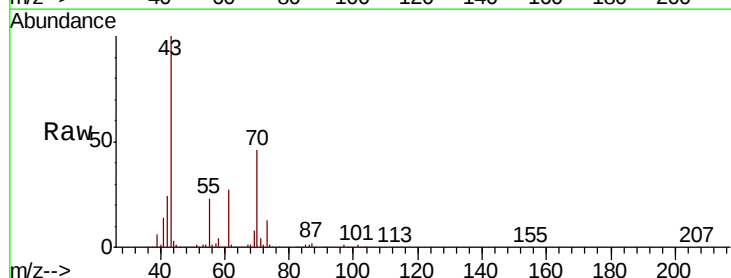
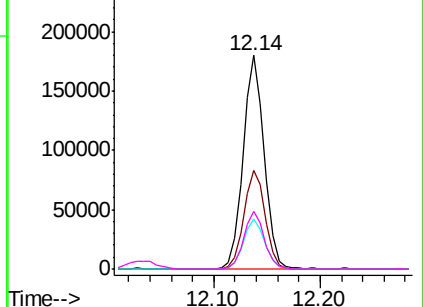
61 26.0 21.0 31.6

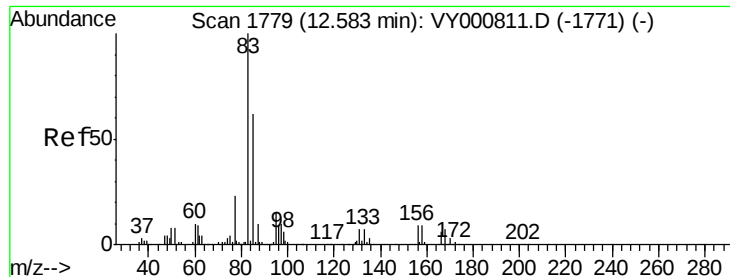
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.765 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

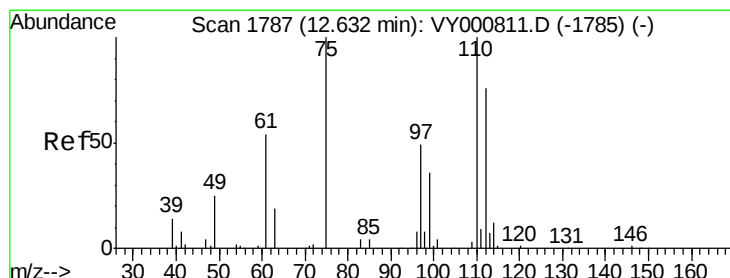
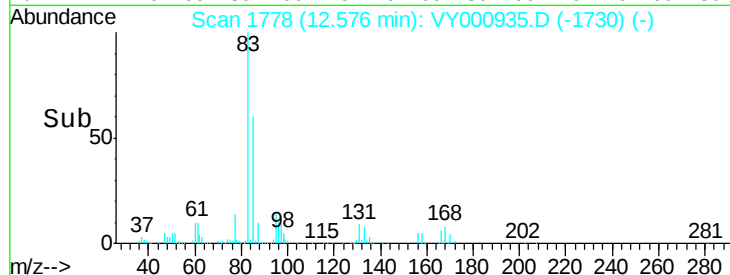
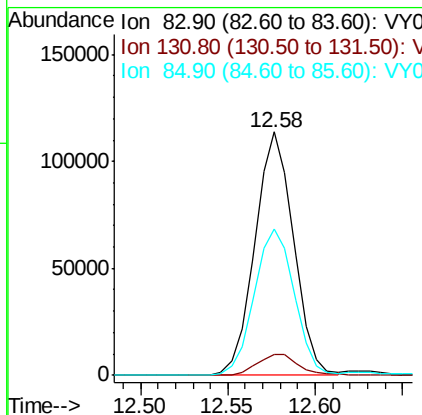
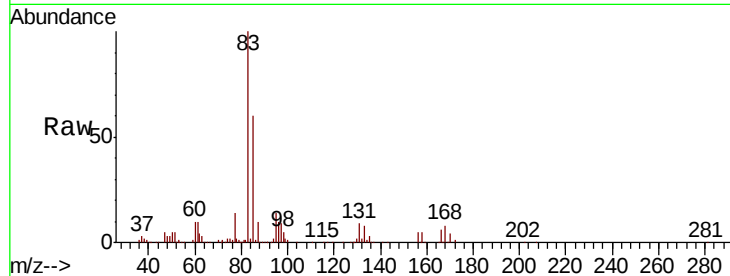
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	174276
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.3	13.1
85	62.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 55.470 ug/l m

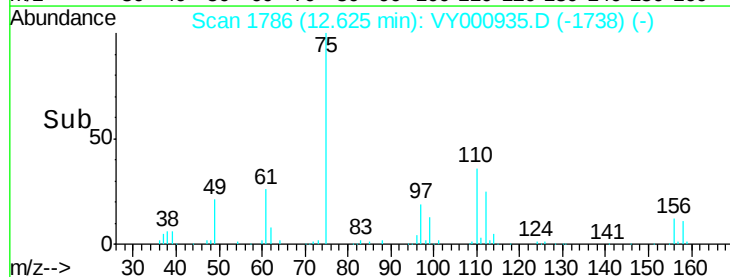
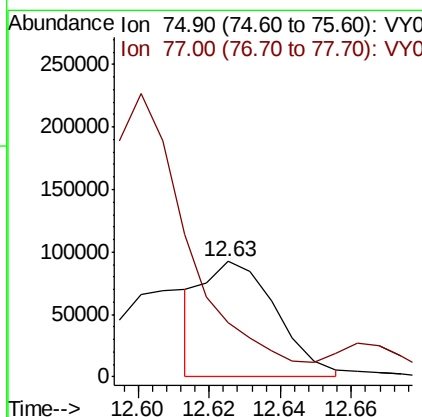
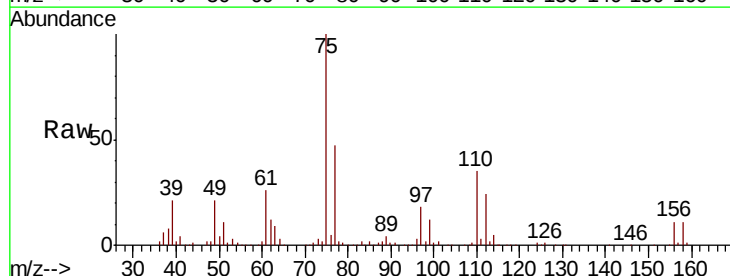
RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion:	75	Resp:	132310
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.771 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 195382

Ion Ratio Lower Upper

156 100

77 203.7 102.6 307.7

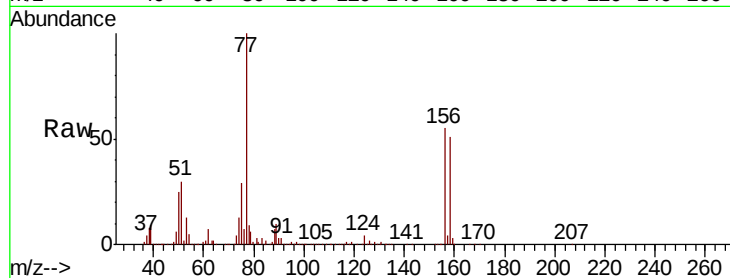
158 94.8 47.6 142.8

Manual Integrations

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

300000

250000

200000

150000

100000

50000

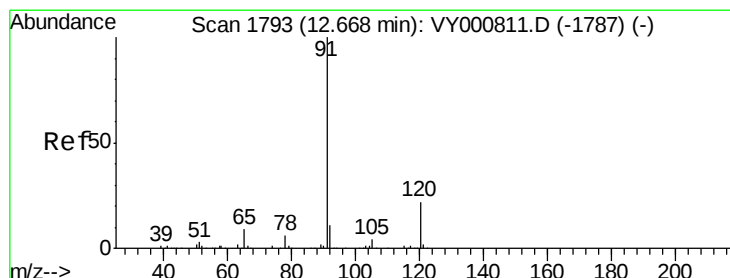
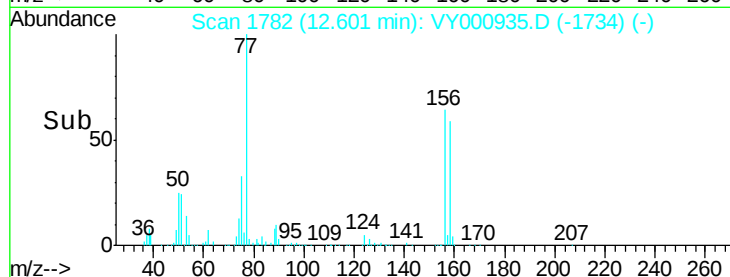
0

12.50

12.60

12.70

Time-->



#78

n-propylbenzene

Concen: 51.864 ug/l

RT: 12.66 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VY000935.D

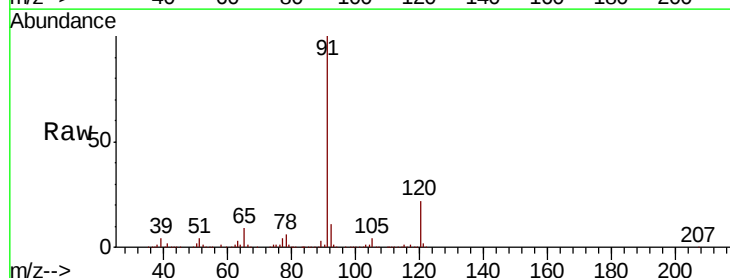
Acq: 12 Dec 2019 17:20

Tgt Ion: 91 Resp: 1061526

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

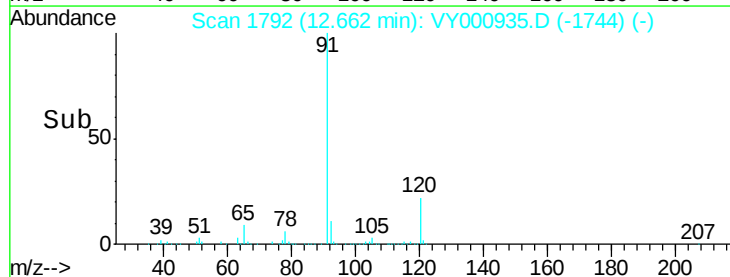
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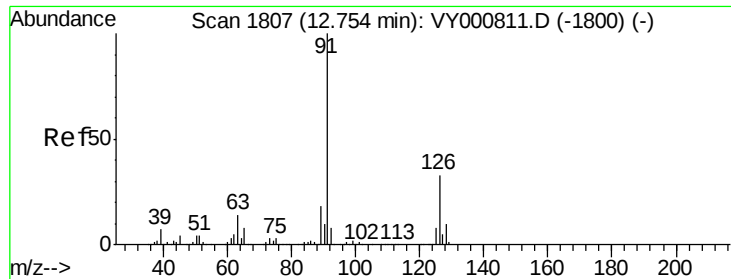
12.60

12.65

12.70

Time-->





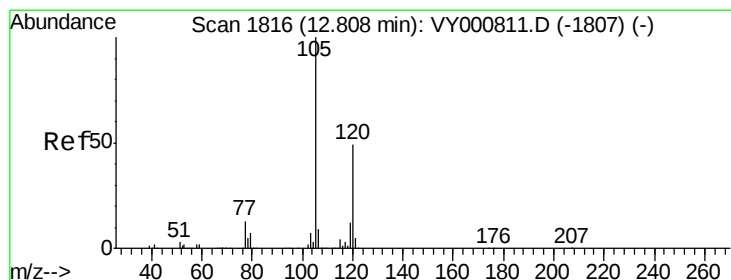
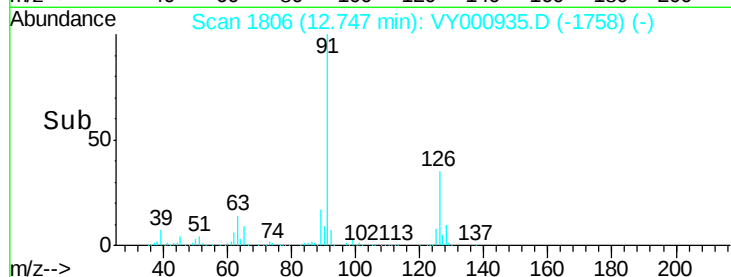
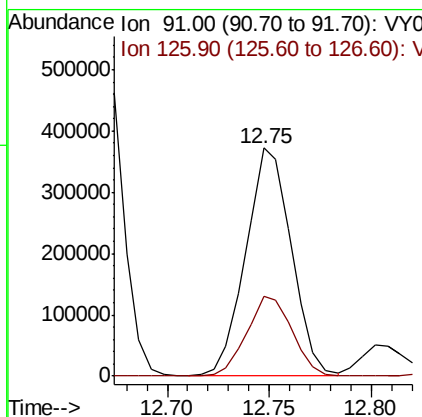
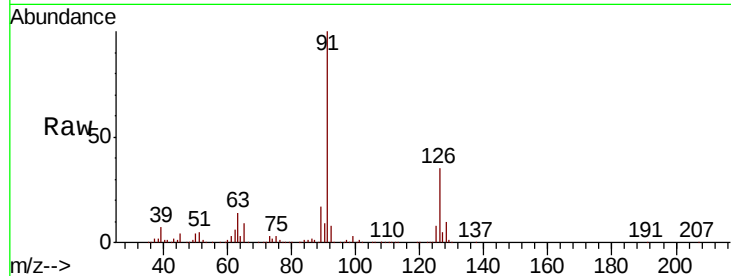
#79
2-Chlorotoluene
Concen: 51.231 ug/l
RT: 12.75 min Scan# 1806
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 579287
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0

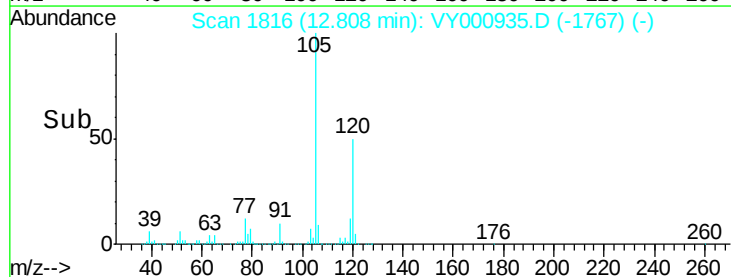
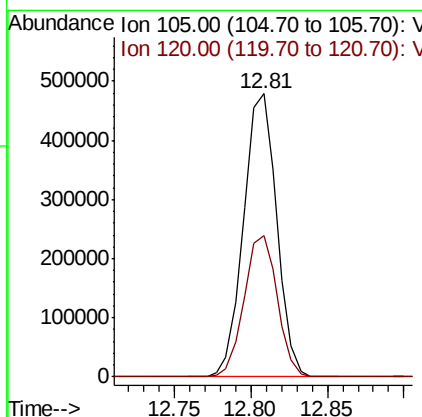
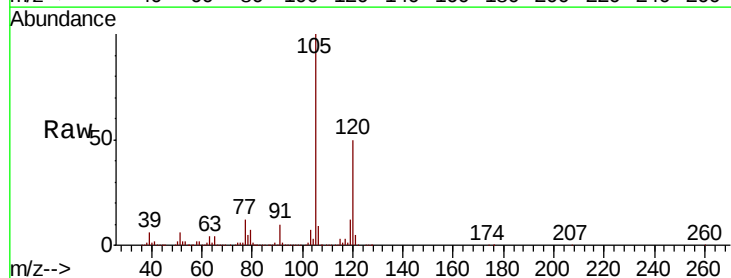
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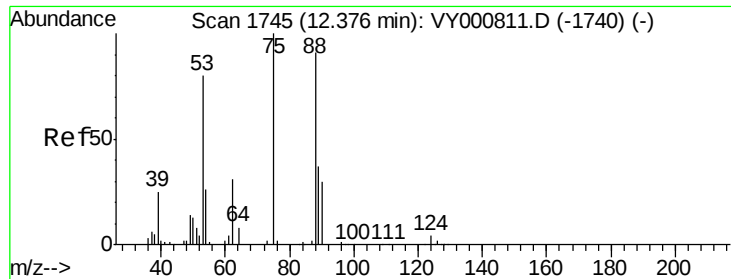
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#80
1,3,5-Trimethylbenzene
Concen: 51.953 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion: 105 Resp: 721068
Ion Ratio Lower Upper
105 100
120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.996 ug/l

RT: 12.37 min Scan# 1744

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

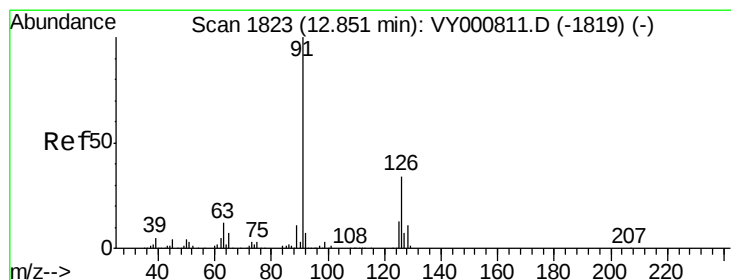
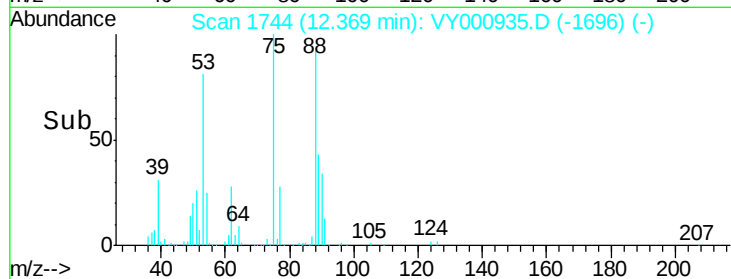
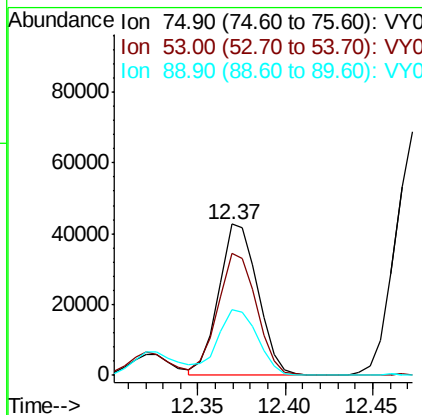
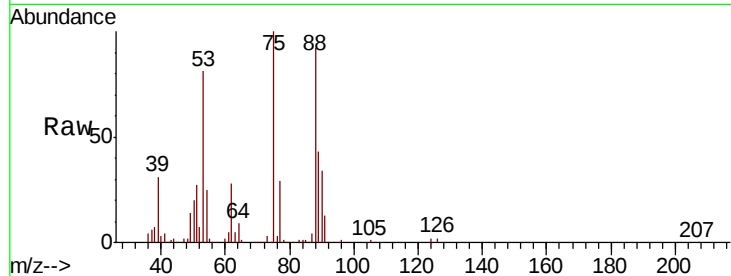
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	65568
Ion Ratio	Lower	Upper	
75	100		
53	81.1	64.6	96.8
89	45.5	33.6	50.4

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#82

4-Chlorotoluene

Concen: 52.258 ug/l

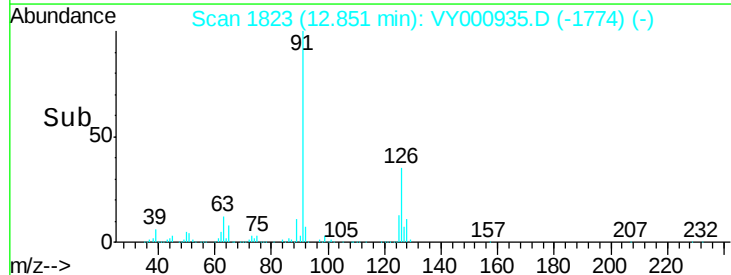
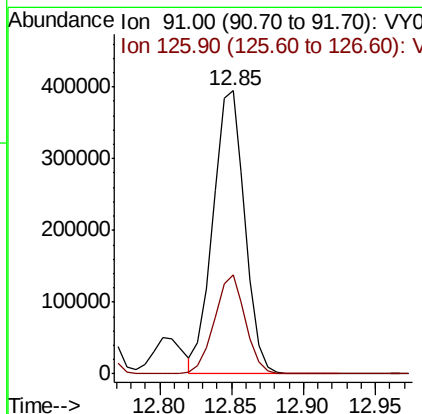
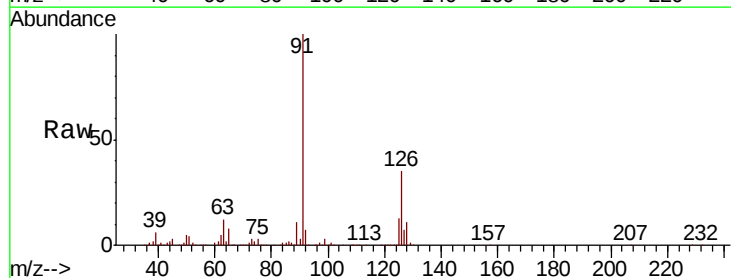
RT: 12.85 min Scan# 1823

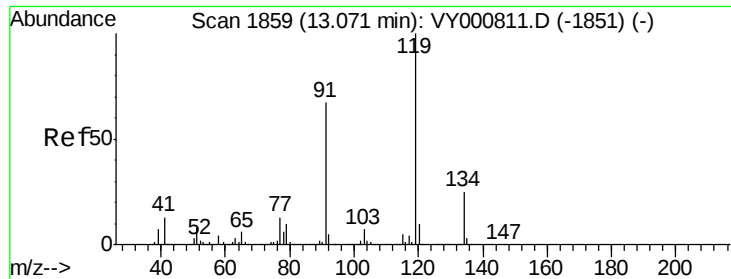
Delta R.T. -0.00 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion:	91	Resp:	608780
Ion Ratio	Lower	Upper	
91	100		
126	34.0	17.3	51.9





#83

tert-Butylbenzene

Concen: 52.097 ug/l

RT: 13.06 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Instrument :

MSVOA_Y

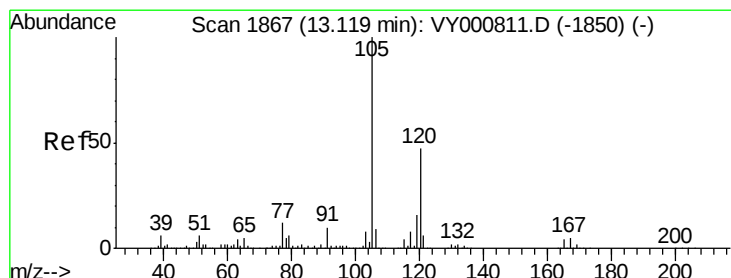
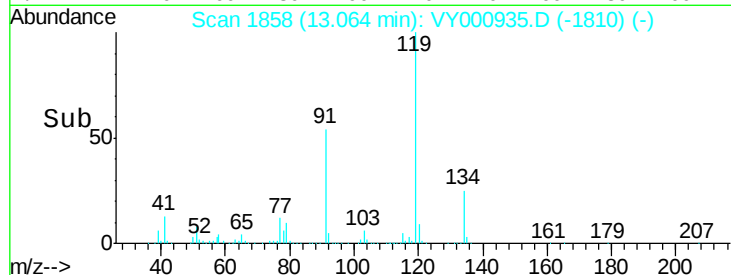
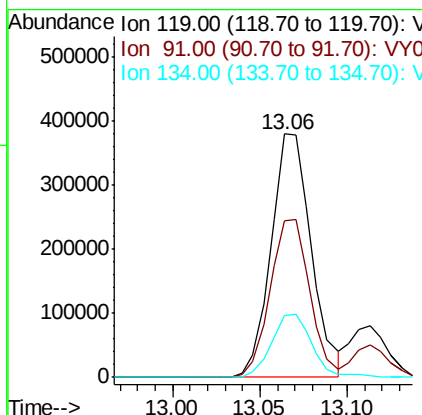
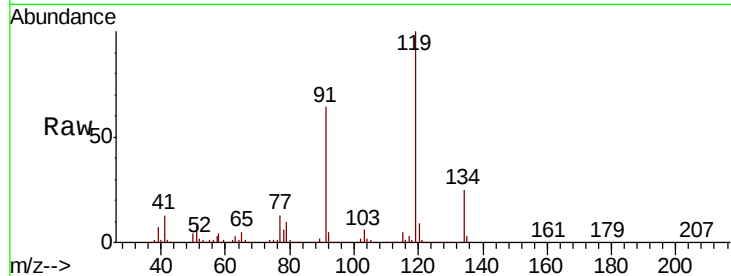
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		607919		
91	64.1	32.3	96.8		
134	26.4	12.9	38.7		

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#84

1,2,4-Trimethylbenzene

Concen: 51.947 ug/l

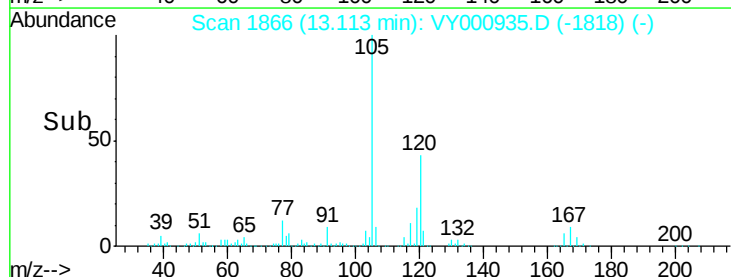
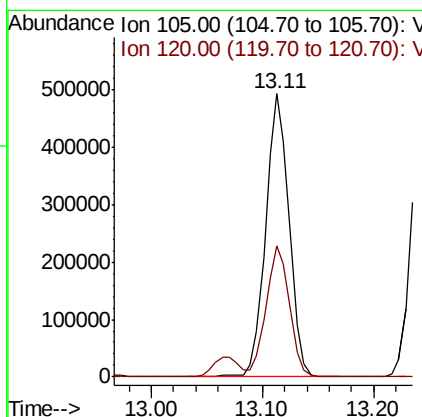
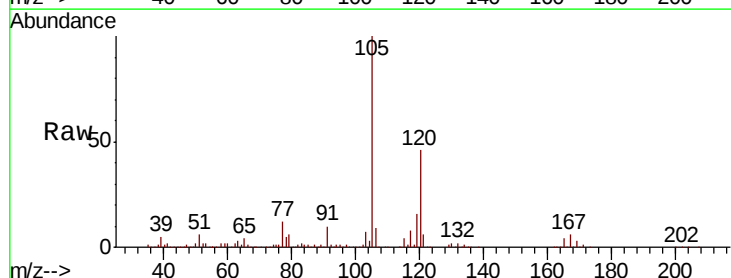
RT: 13.11 min Scan# 1866

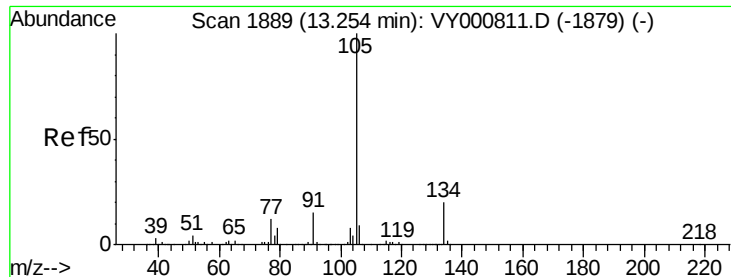
Delta R.T. -0.01 min

Lab File: VY000935.D

Acq: 12 Dec 2019 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		721329		
120	45.8	22.6	67.8		





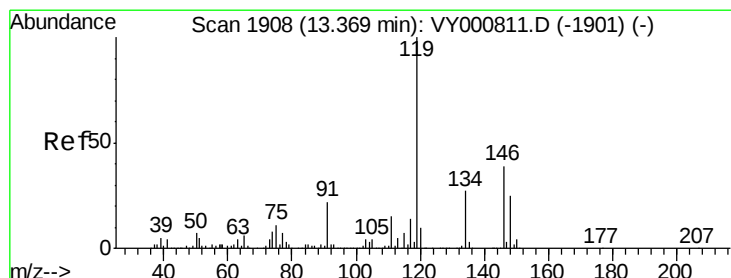
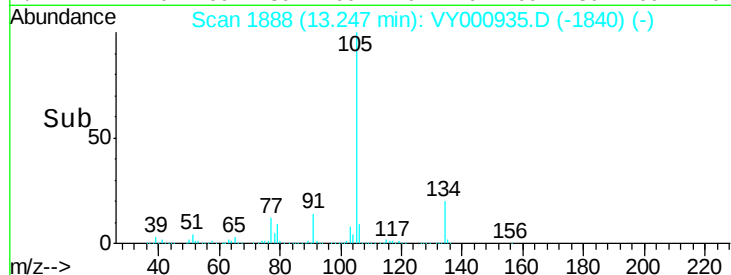
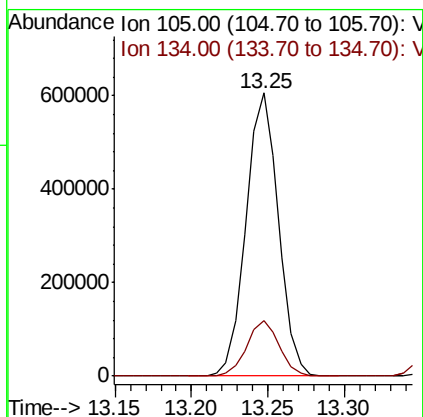
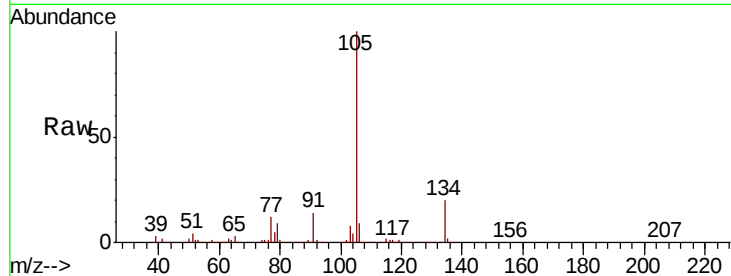
#85
 sec-Butylbenzene
 Concen: 52.492 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

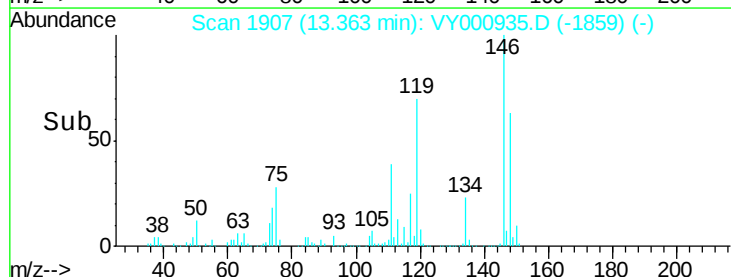
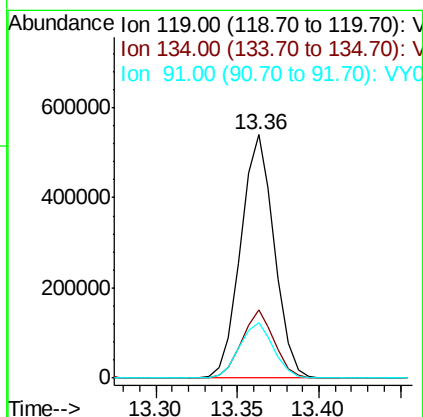
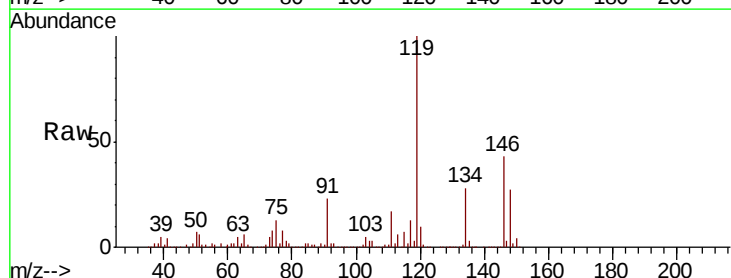
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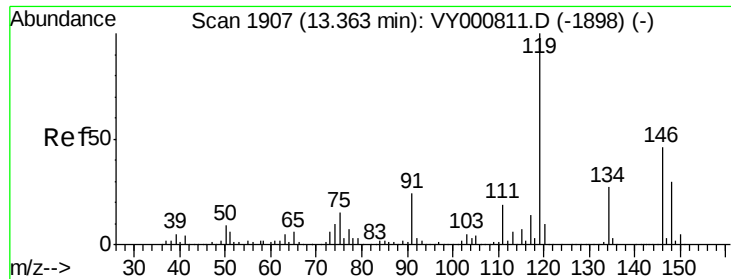
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#86
 p-Isopropyltoluene
 Concen: 52.241 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.4
91	22.9	11.5	34.5





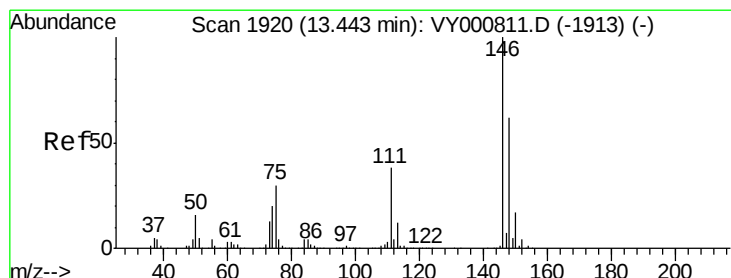
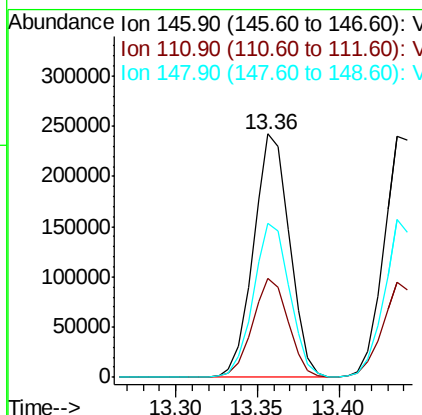
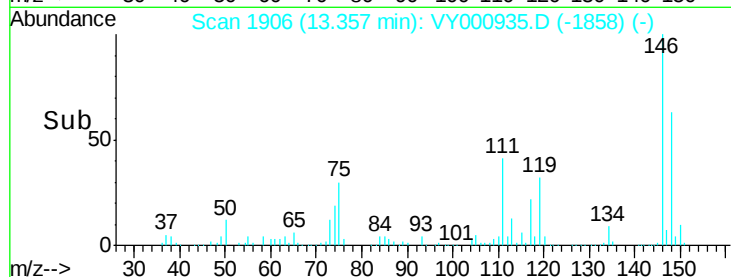
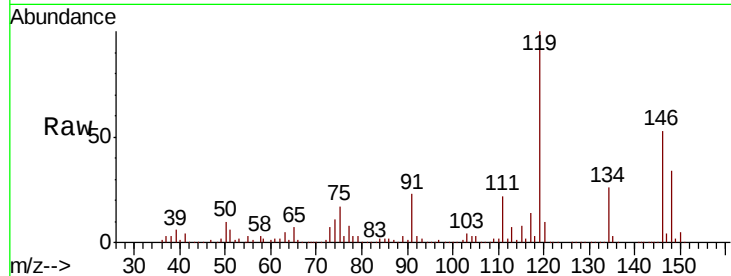
#87
 1,3-Dichlorobenzene
 Concen: 52.316 ug/l
 RT: 13.36 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.7	32.1	96.5

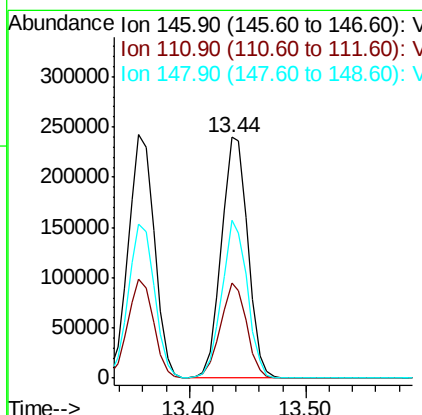
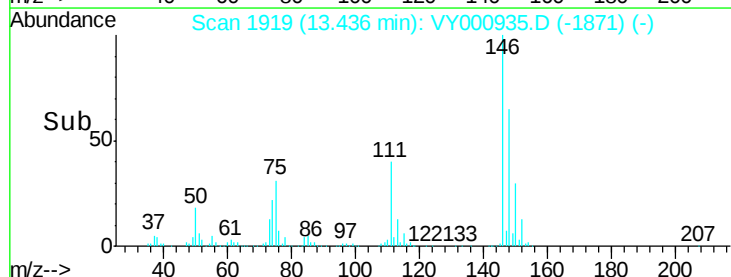
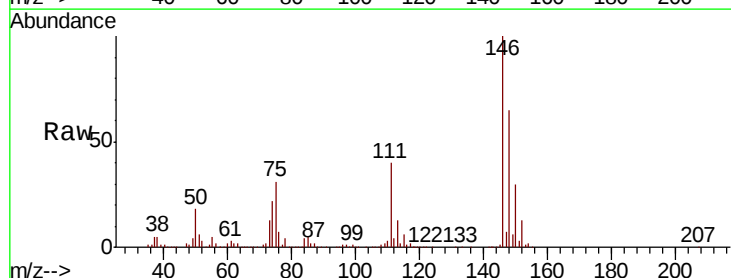
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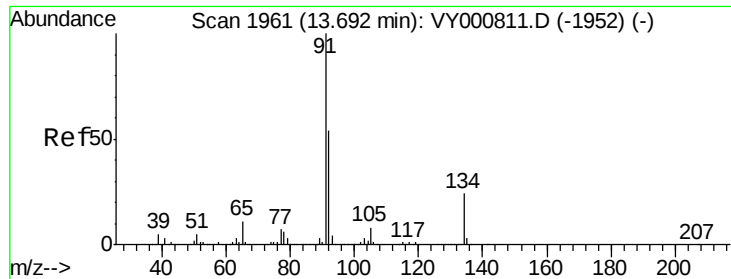
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#88
 1,4-Dichlorobenzene
 Concen: 53.144 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.0	59.9
148	63.0	31.7	95.1





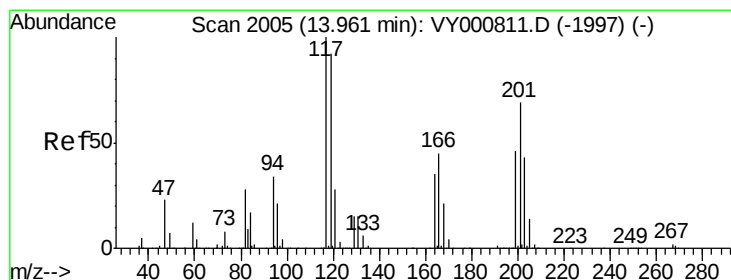
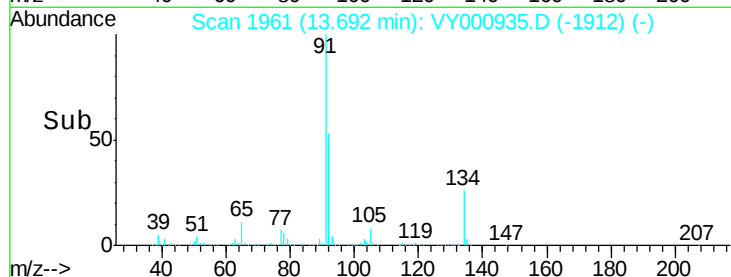
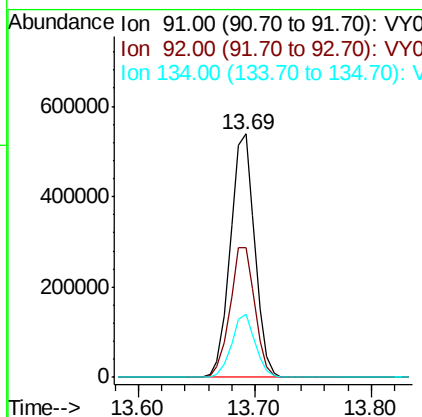
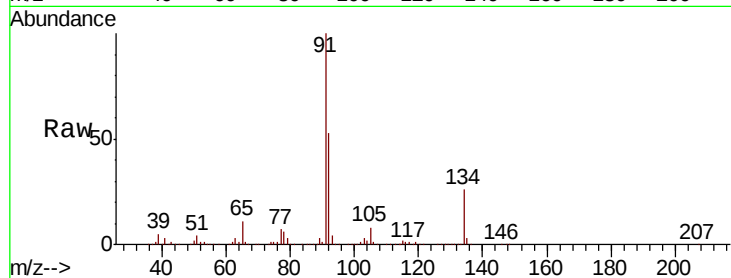
#89
n-Butylbenzene
Concen: 52.472 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.2	26.9	80.7	
134	25.2	12.6	37.6	

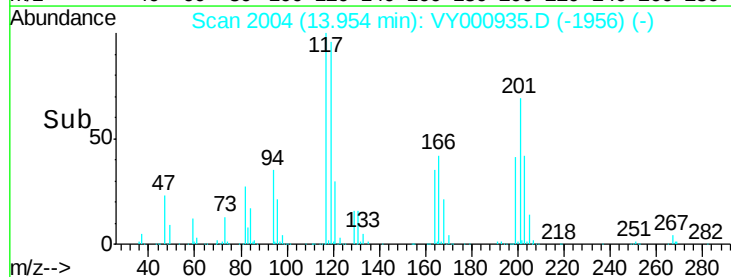
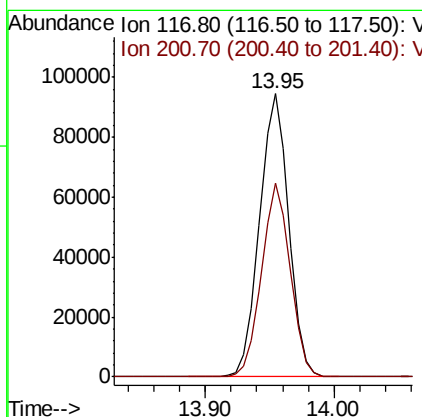
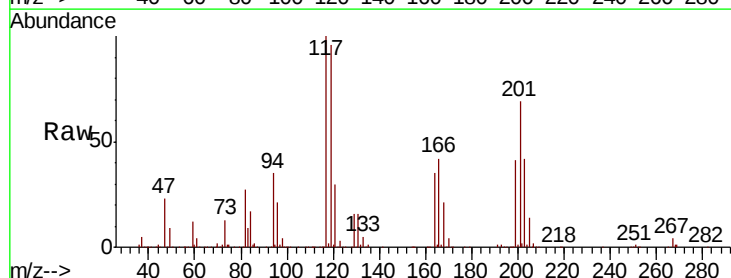
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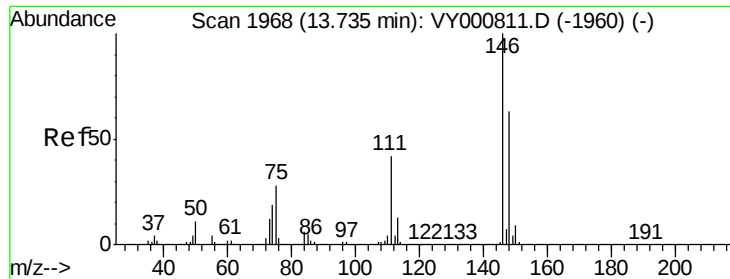
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#90
Hexachloroethane
Concen: 54.082 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.9	34.0	102.0	





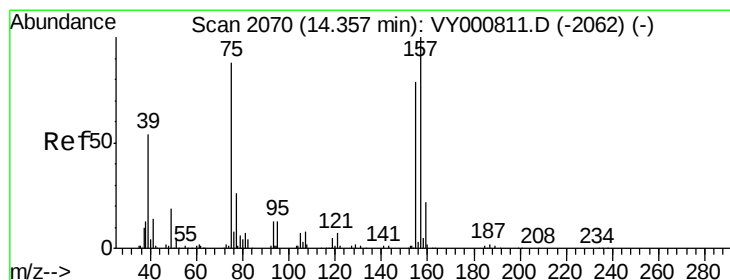
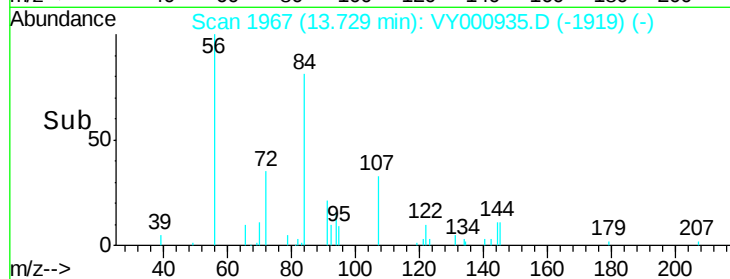
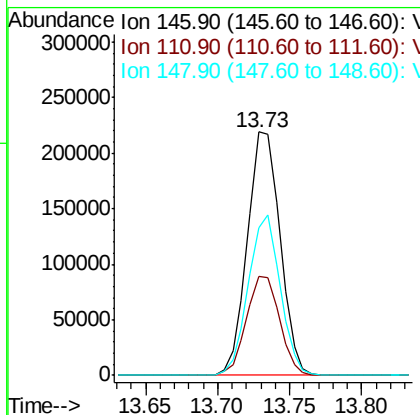
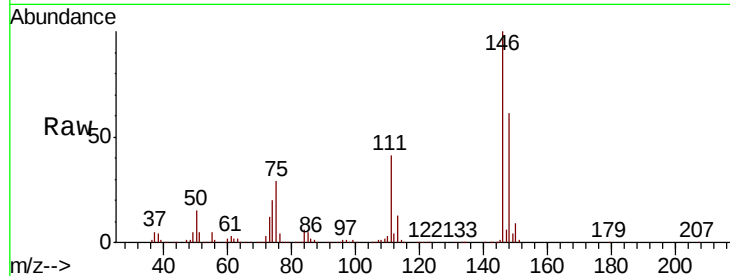
#91
 1,2-Dichlorobenzene
 Concen: 53.728 ug/l
 RT: 13.73 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	64.0	32.1	96.3

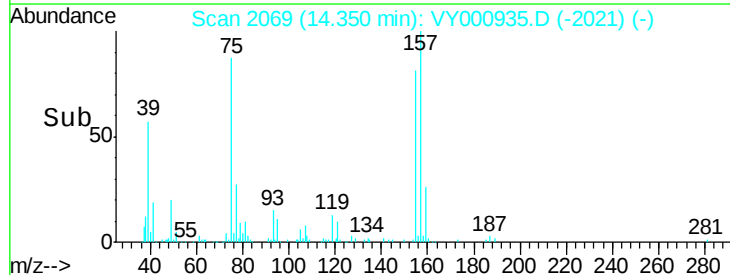
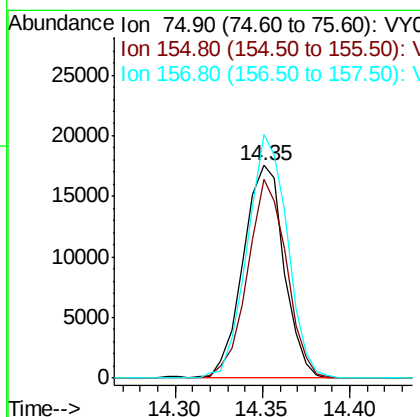
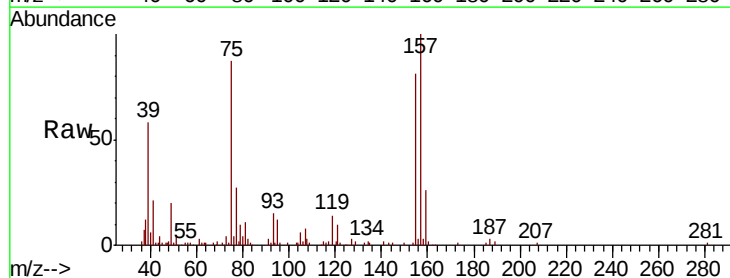
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.581 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	44.3	132.9
157	112.2	56.3	168.9





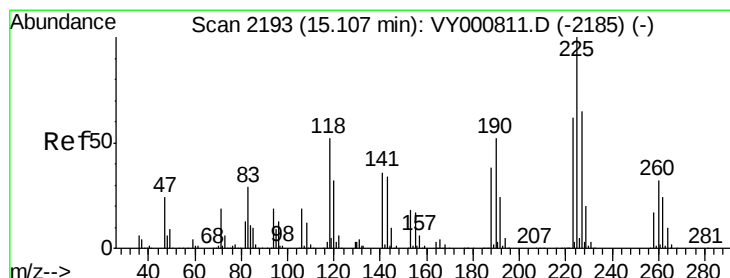
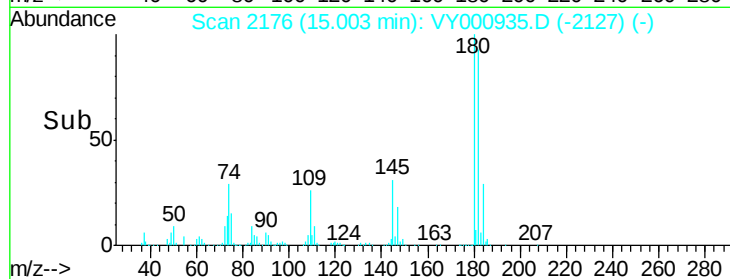
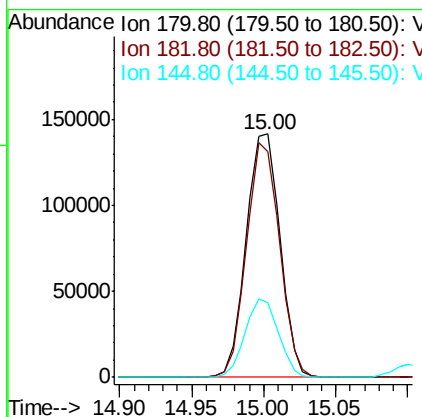
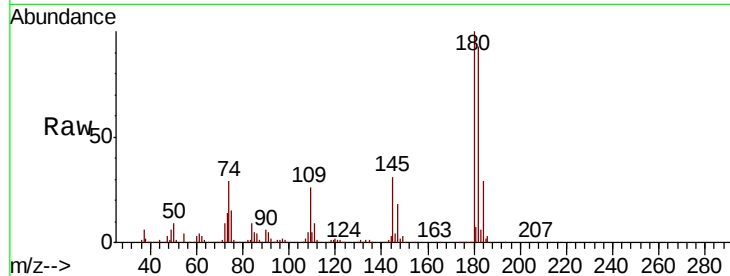
#93
 1,2,4-Trichlorobenzene
 Concen: 53.061 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	47.3	141.9	
145	31.7	16.0	47.9	

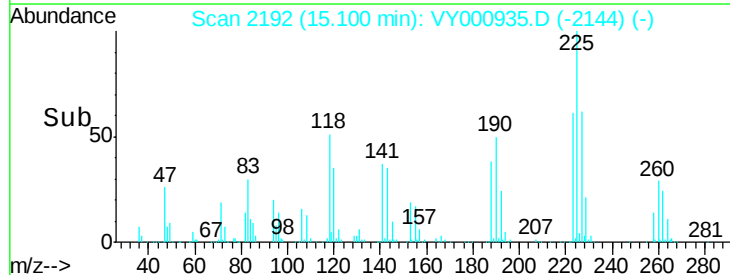
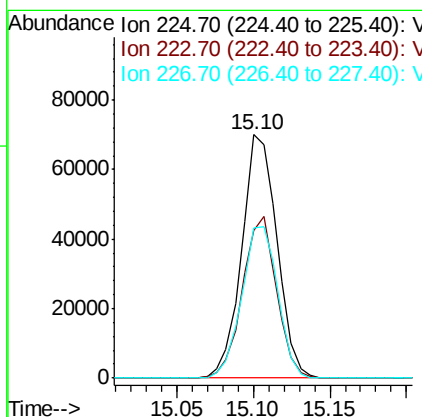
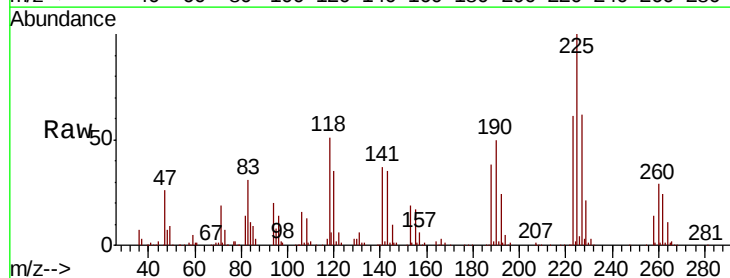
Manual Integrations
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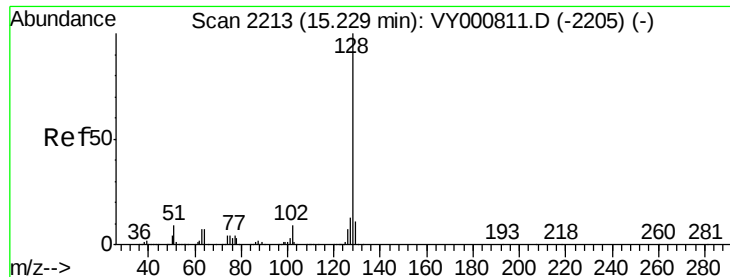
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#94
 Hexachlorobutadiene
 Concen: 52.176 ug/l
 RT: 15.10 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: VY000935.D
 Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	31.4	94.3	
227	63.7	31.8	95.3	





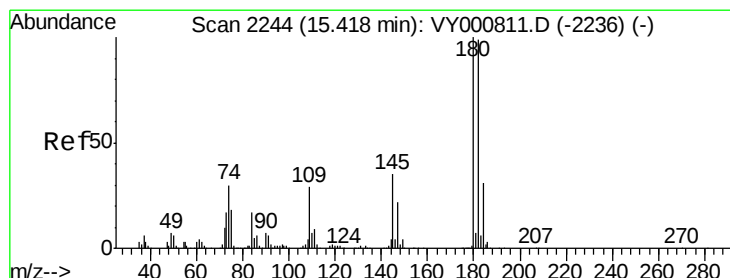
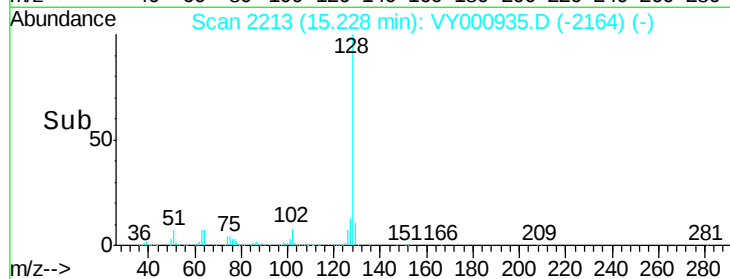
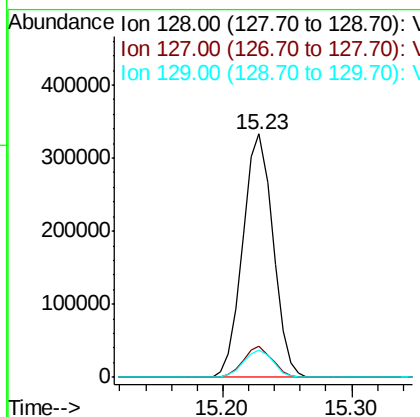
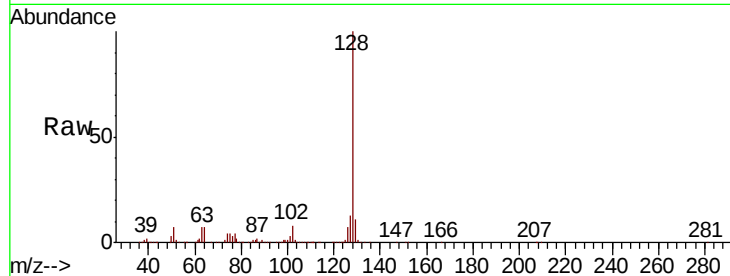
#95
Naphthalene
Concen: 53.572 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	11.0	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 54.063 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000935.D
Acq: 12 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.0	144.0
145	31.9	16.9	50.6

