

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000791.D
 Acq On : 22 Nov 2019 17:06
 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
 APPROVED

MMDadoda
 11/26/2019 1:34:03 AM

Quant Time: Nov 23 05:36:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	291528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	514560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	170406	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
35) Dibromofluoromethane	7.72	113	158819	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.18	98	637961	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
62) 4-Bromofluorobenzene	12.48	95	228493	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	133649	46.571	ug/l	99
3) Chloromethane	2.12	50	176340	44.606	ug/l	97
4) Vinyl Chloride	2.26	62	176832	48.168	ug/l	100
5) Bromomethane	2.65	94	110933	50.391	ug/l	92
6) Chloroethane	2.79	64	115659	50.339	ug/l	96
7) Trichlorofluoromethane	3.13	101	256204	51.677	ug/l	98
8) Diethyl Ether	3.53	74	104011	59.043	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	158299	52.814	ug/l	95
10) Methyl Iodide	4.09	142	200454	50.757	ug/l	99
11) Tert butyl alcohol	4.97	59	77963	265.469	ug/l #	83
12) 1,1-Dichloroethene	3.88	96	155704	53.469	ug/l	99
13) Acrolein	3.74	56	56676	221.554	ug/l	96
14) Allyl chloride	4.48	41	288183	60.860	ug/l	94
15) Acrylonitrile	5.17	53	269796	298.969	ug/l	99
16) Acetone	3.95	43	190331	228.900	ug/l	98
17) Carbon Disulfide	4.19	76	459986	50.082	ug/l	100
18) Methyl Acetate	4.49	43	159842	61.824	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	474579	58.615	ug/l	98
20) Methylene Chloride	4.72	84	191495	53.747	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	182510	55.438	ug/l	99
22) Diisopropyl ether	6.13	45	628054	61.023	ug/l	90
23) Vinyl Acetate	6.07	43	1918282	295.261	ug/l	97
24) 1,1-Dichloroethane	6.02	63	329263	59.054	ug/l	100
25) 2-Butanone	7.00	43	357747	269.586	ug/l	100
26) 2,2-Dichloropropane	6.99	77	275162	54.002	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	207326	57.593	ug/l	99
28) Bromochloromethane	7.34	49	149145	57.944	ug/l	95
29) Tetrahydrofuran	7.35	42	238514	293.800	ug/l	99
30) Chloroform	7.52	83	326135	57.821	ug/l	99
31) Cyclohexane	7.79	56	313034	53.603	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	269265	53.565	ug/l	99
36) 1,1-Dichloropropene	7.92	75	253933	52.202	ug/l	98
37) Ethyl Acetate	7.08	43	150563	52.134	ug/l	95
38) Carbon Tetrachloride	7.90	117	235841	50.386	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	324952	51.707	ug/l	96
40) Benzene	8.17	78	766970	53.780	ug/l	100
41) Methacrylonitrile	7.32	41	78852m	48.943	ug/l	
42) 1,2-Dichloroethane	8.24	62	213211	52.711	ug/l	98
43) Isopropyl Acetate	8.28	43	296227	54.603	ug/l	99
44) Trichloroethene	8.94	130	194053	51.608	ug/l	95
45) 1,2-Dichloropropane	9.22	63	201149	57.308	ug/l	95
46) Dibromomethane	9.31	93	103069	53.394	ug/l	98
47) Bromodichloromethane	9.50	83	254789	55.627	ug/l	99
48) Methyl methacrylate	9.30	41	134943	56.929	ug/l	95
49) 1,4-Dioxane	9.30	88	28623	1101.748	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	790020	273.893	ug/l	96
52) Toluene	10.24	92	483749	53.652	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	275056	56.202	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	317093	56.557	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	153327	54.916	ug/l	96
56) Ethyl methacrylate	10.51	69	238340	60.229	ug/l	94
57) 1,3-Dichloropropane	10.79	76	279400	57.176	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	510442	285.319	ug/l	98
59) 2-Hexanone	10.83	43	544723	259.198	ug/l	94
60) Dibromochloromethane	10.99	129	171192	53.530	ug/l	99
61) 1,2-Dibromoethane	11.09	107	149179	55.570	ug/l	98
64) Tetrachloroethene	10.72	164	205725	53.240	ug/l	96
65) Chlorobenzene	11.52	112	504525	53.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	178744	54.396	ug/l	99
67) Ethyl Benzene	11.59	91	932501	53.476	ug/l	99
68) m/p-Xylenes	11.70	106	701534	103.946	ug/l	95
69) o-Xylene	12.03	106	333392	52.561	ug/l	100
70) Styrene	12.04	104	584218	53.788	ug/l	98
71) Bromoform	12.20	173	101017	53.448	ug/l	# 100
73) Isopropylbenzene	12.33	105	899919	54.364	ug/l	100
74) N-amyl acetate	12.14	43	264931	55.882	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	184748	56.366	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	134032m	52.556	ug/l	
77) Bromobenzene	12.61	156	199792	53.223	ug/l	95
78) n-propylbenzene	12.67	91	1097529	54.950	ug/l	99
79) 2-Chlorotoluene	12.75	91	603874	54.460	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	752355	54.571	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	67666	59.490	ug/l	93
82) 4-Chlorotoluene	12.85	91	637146	55.433	ug/l	98
83) tert-Butylbenzene	13.07	119	636070	54.034	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	756891	55.140	ug/l	98
85) sec-Butylbenzene	13.25	105	916719	54.661	ug/l	99
86) p-Isopropyltoluene	13.37	119	796789	53.306	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392882	53.434	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	389566	53.022	ug/l	99
89) n-Butylbenzene	13.69	91	801409	54.360	ug/l	99
90) Hexachloroethane	13.96	117	150376	54.419	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	358385	53.722	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30598	52.749	ug/l	98

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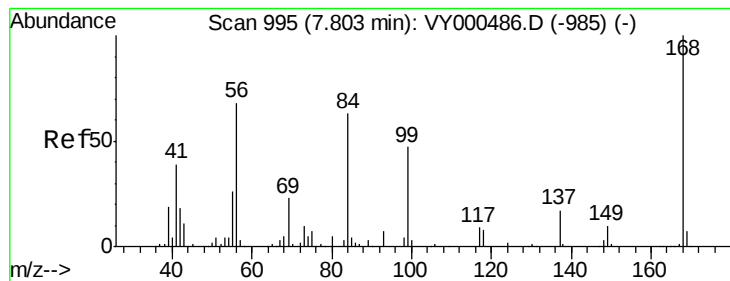
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	241442	53.153	ug/l	99
94) Hexachlorobutadiene	15.11	225	115899	49.498	ug/l	98
95) Naphthalene	15.23	128	571160	56.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	218753	53.679	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 291528

Ion Ratio Lower Upper

168 100

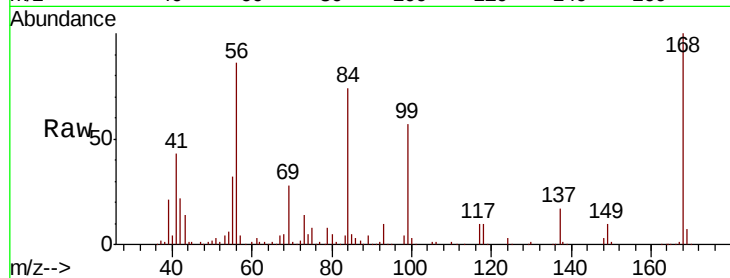
99 56.8 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

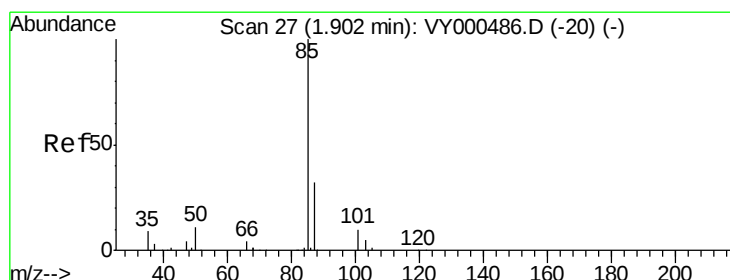
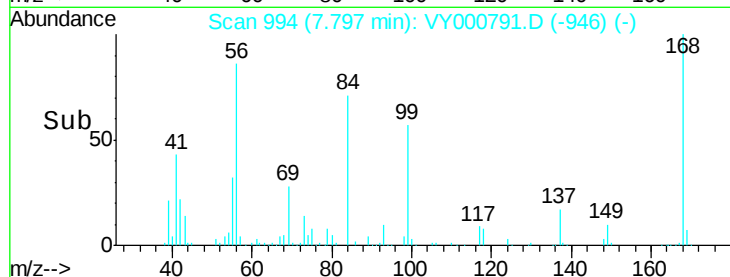
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.571 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000791.D

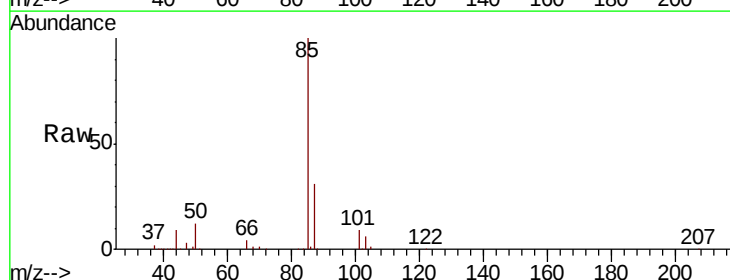
Acq: 22 Nov 2019 17:06

Tgt Ion: 85 Resp: 133649

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

100000

80000

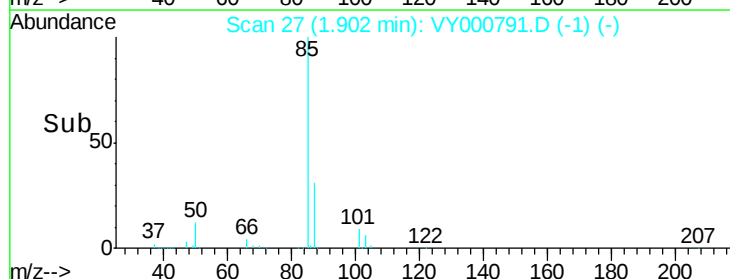
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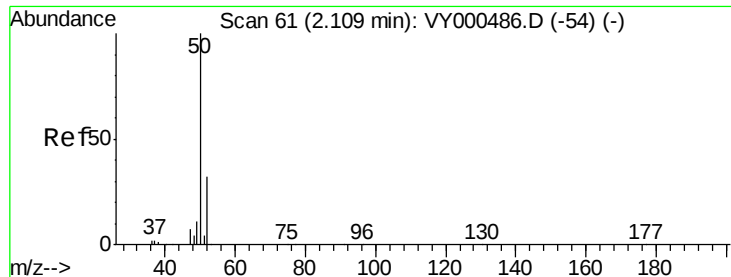
40000

20000

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Time-->





#3

Chloromethane

Concen: 44.606 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 176340

Ion Ratio Lower Upper

50 100

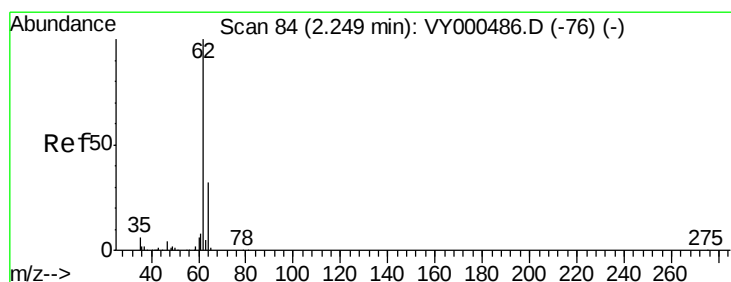
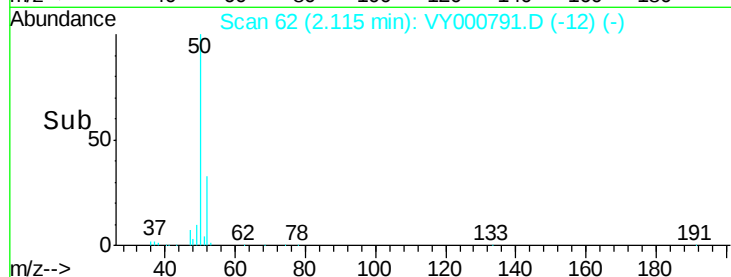
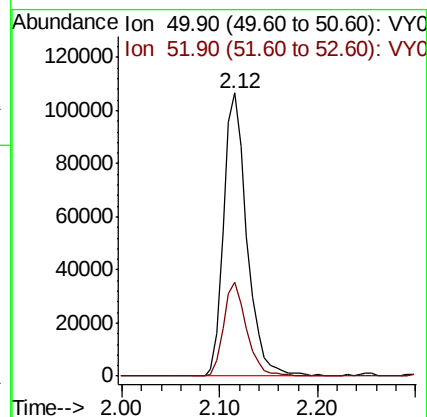
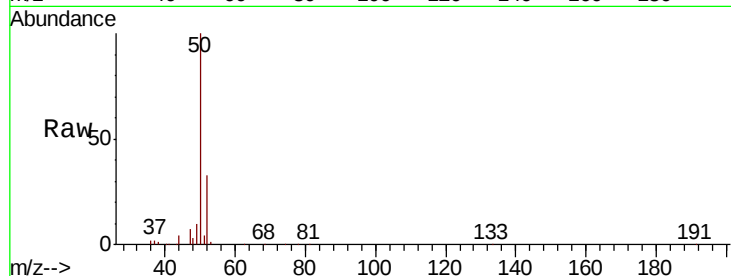
52 33.1 25.2 37.8

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#4

Vinyl Chloride

Concen: 48.168 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000791.D

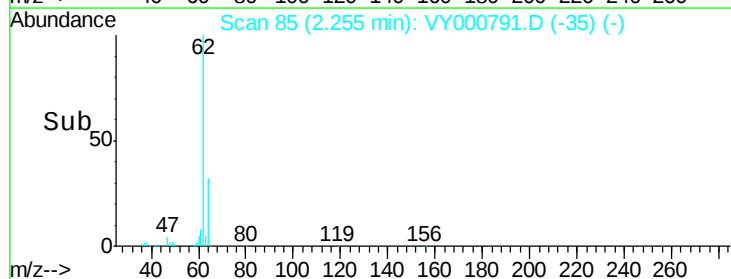
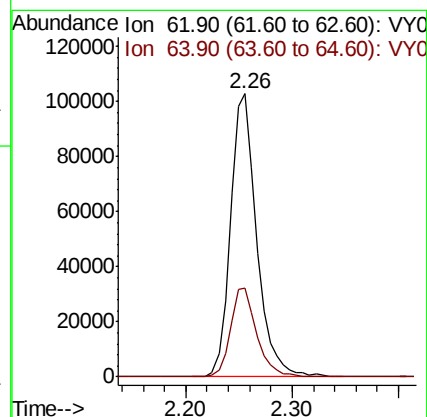
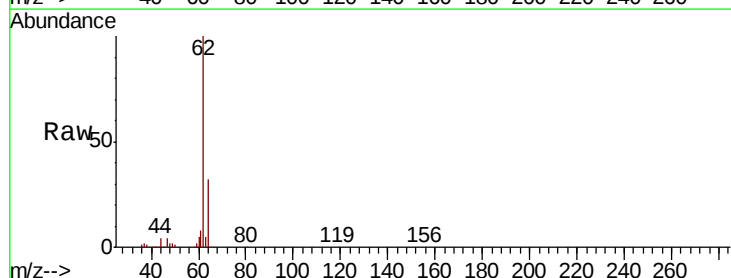
Acq: 22 Nov 2019 17:06

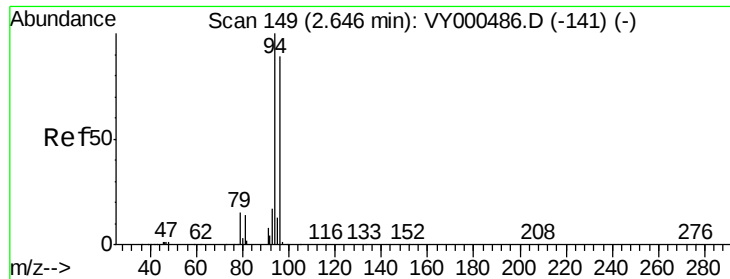
Tgt Ion: 62 Resp: 176832

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 50.391 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 110933

Ion Ratio Lower Upper

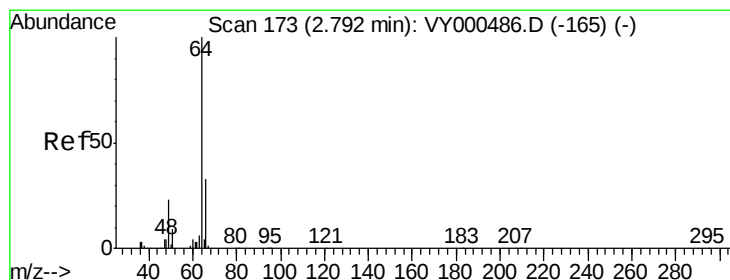
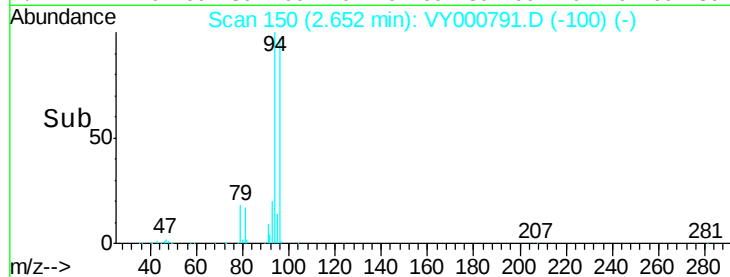
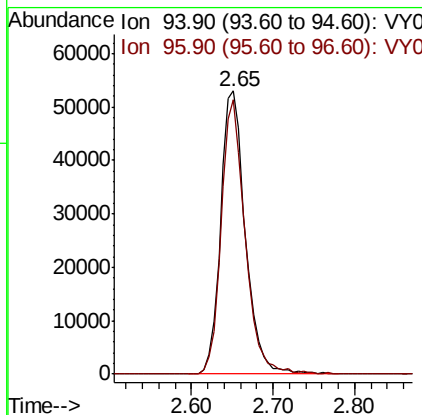
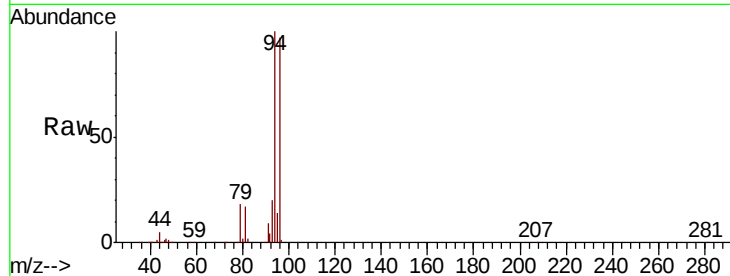
94 100

96 96.9 71.2 106.8

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#6

Chloroethane

Concen: 50.339 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000791.D

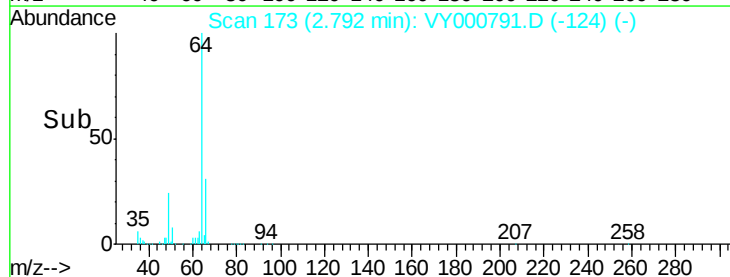
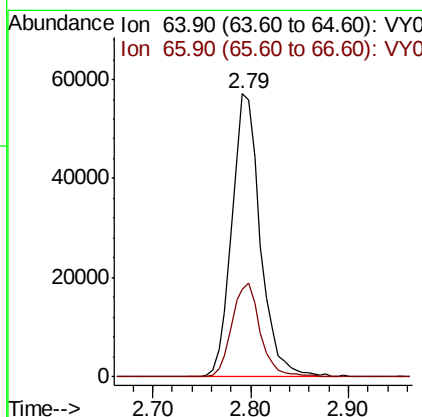
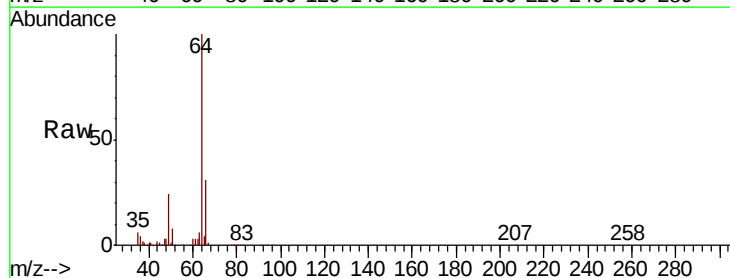
Acq: 22 Nov 2019 17:06

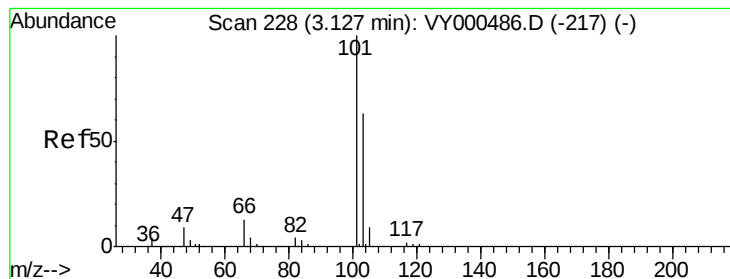
Tgt Ion: 64 Resp: 115659

Ion Ratio Lower Upper

64 100

66 31.1 26.6 40.0





#7

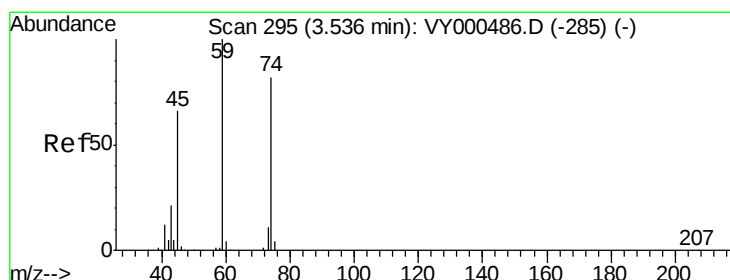
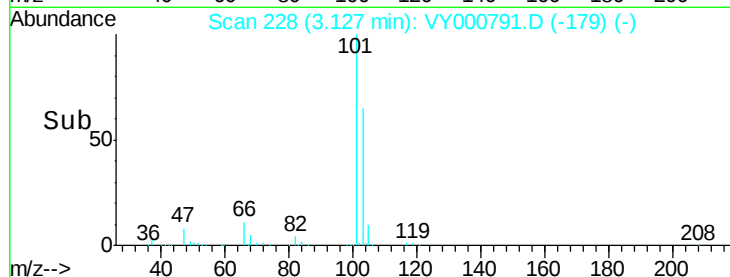
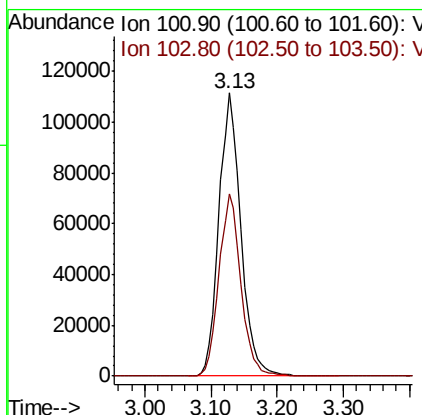
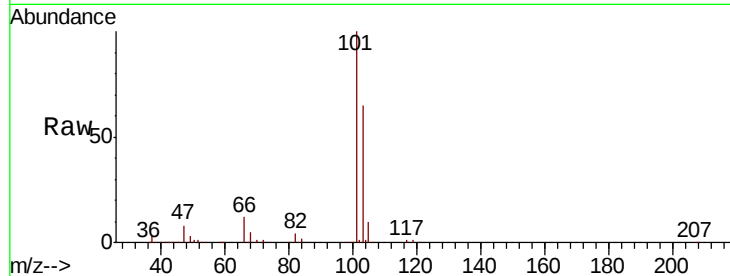
Trichlorofluoromethane
Concen: 51.677 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.5	75.7

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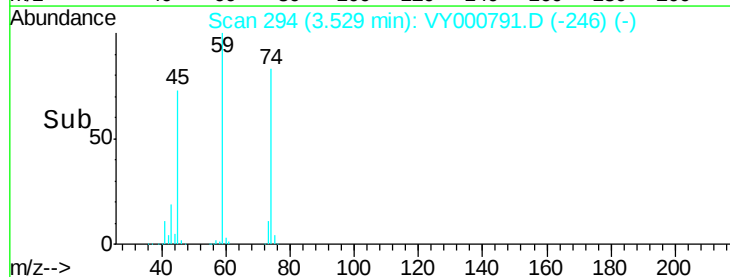
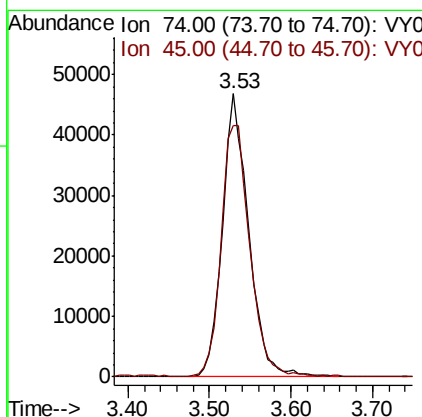
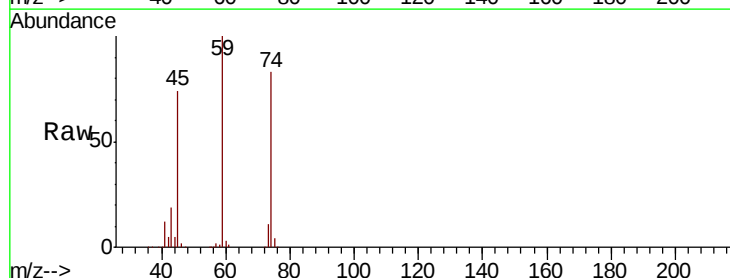
MMDadoda
11/26/2019 1:34:03 AM

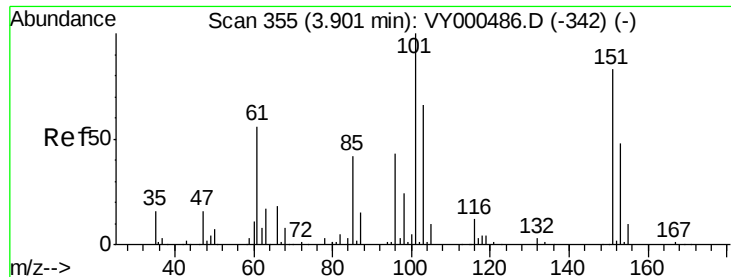


#8

Diethyl Ether
Concen: 59.043 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.814 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

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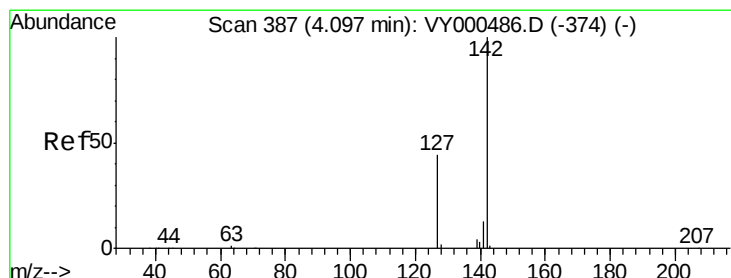
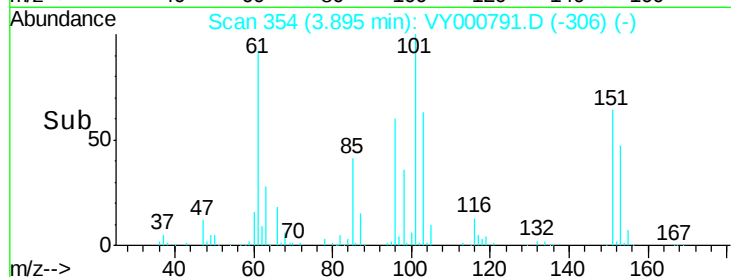
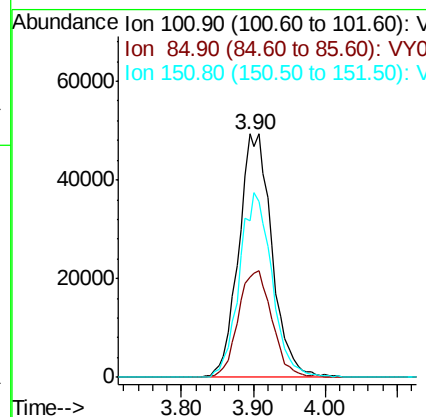
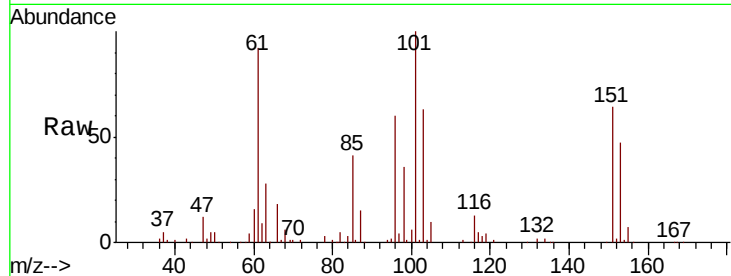
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158299
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.7	55.1
151	74.3	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 50.757 ug/l

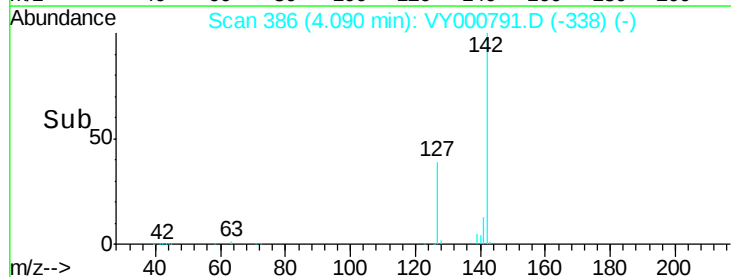
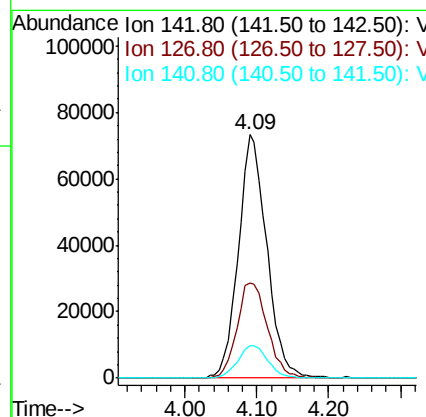
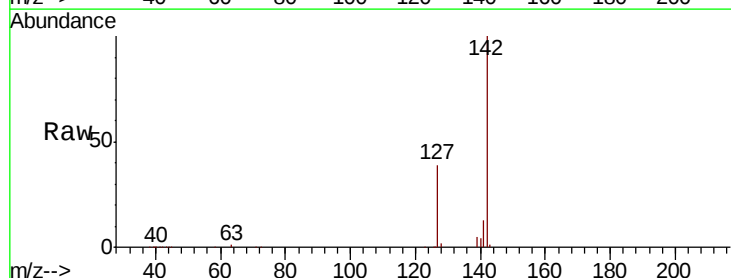
RT: 4.09 min Scan# 386

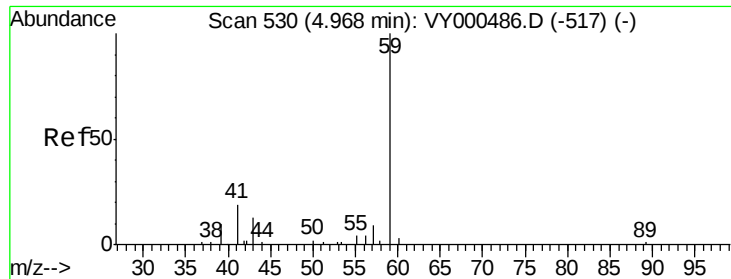
Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion:	142	Resp:	200454
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.2	10.9	16.3





#11

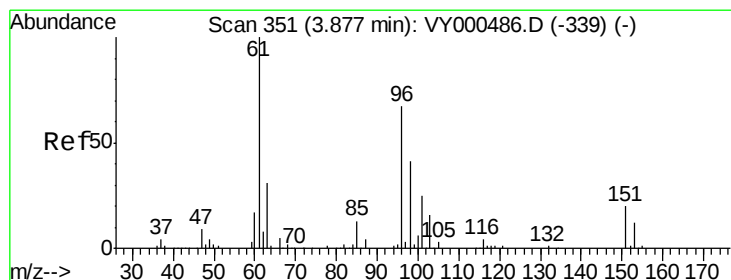
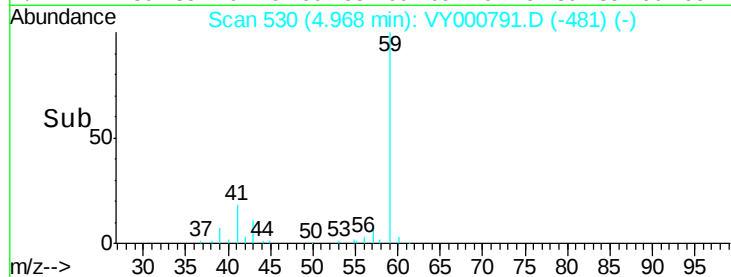
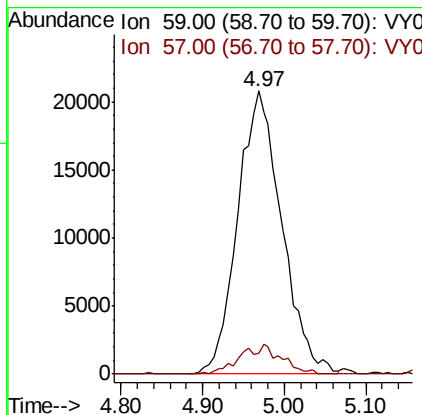
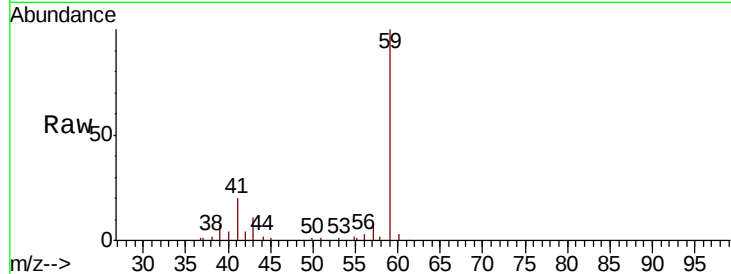
Tert butyl alcohol
Concen: 265.469 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.6	12.8#

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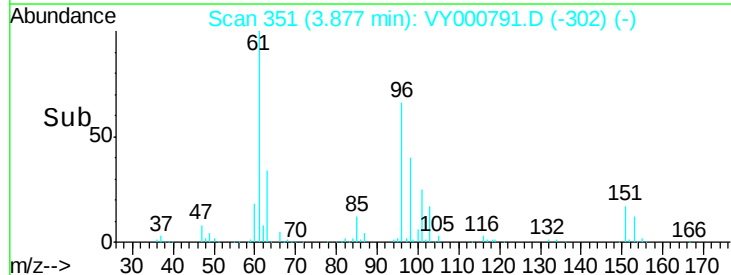
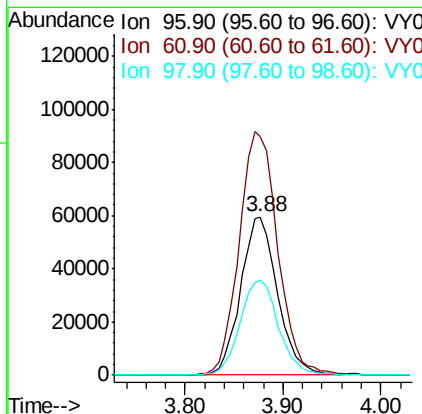
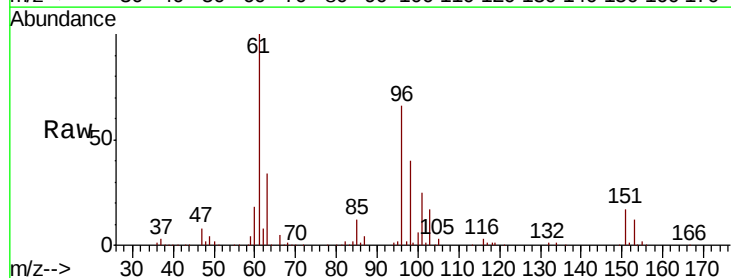
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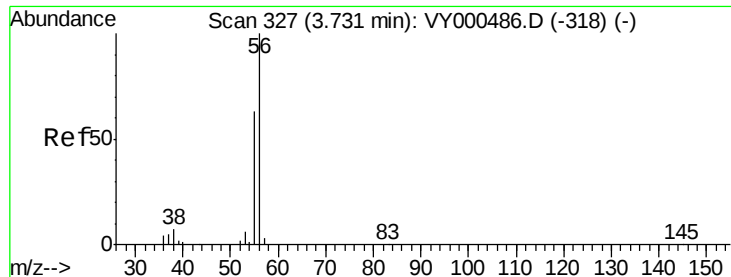


#12

1,1-Dichloroethene
Concen: 53.469 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	119.2	178.8
98	59.7	48.6	73.0





#13

Acrolein

Concen: 221.554 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56676

Ion Ratio Lower Upper

56 100

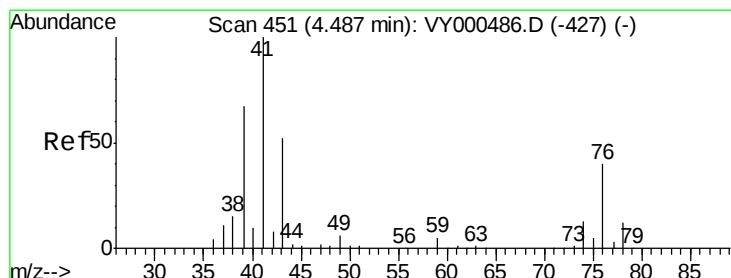
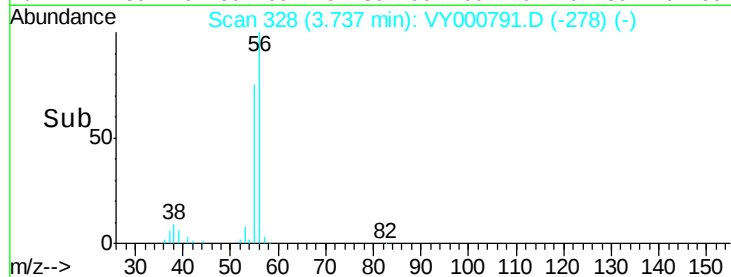
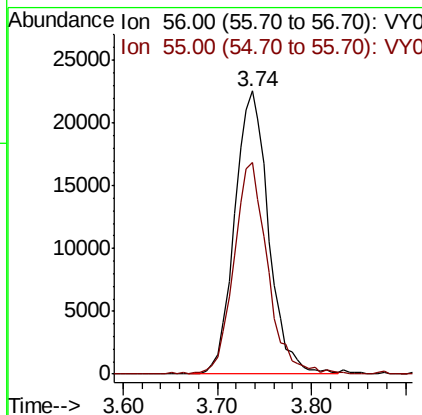
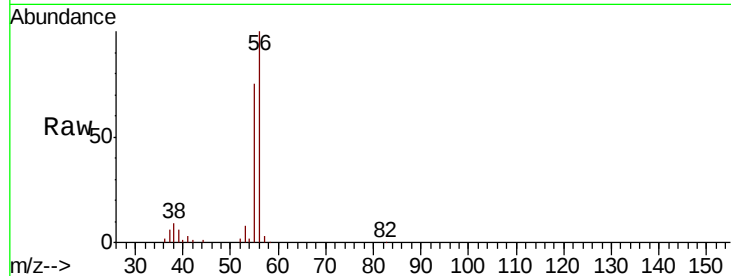
55 74.3 57.0 85.6

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#14

Allyl chloride

Concen: 60.860 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

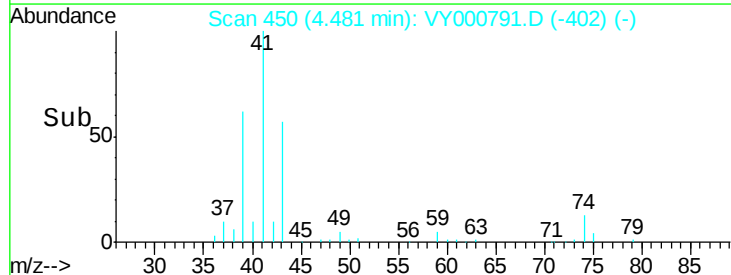
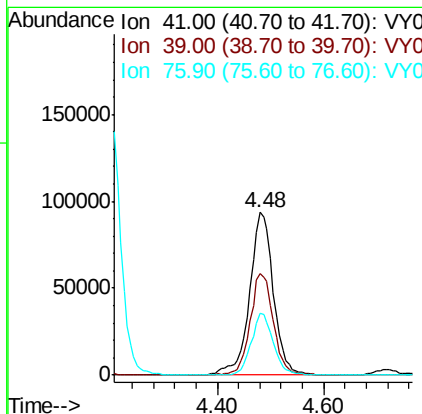
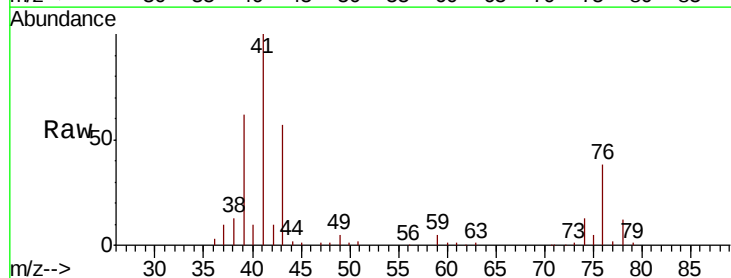
Tgt Ion: 41 Resp: 288183

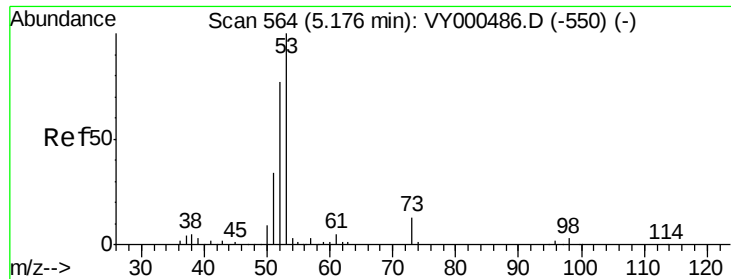
Ion Ratio Lower Upper

41 100

39 60.8 53.6 80.4

76 35.1 29.8 44.6





#15

Acrylonitrile

Concen: 298.969 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

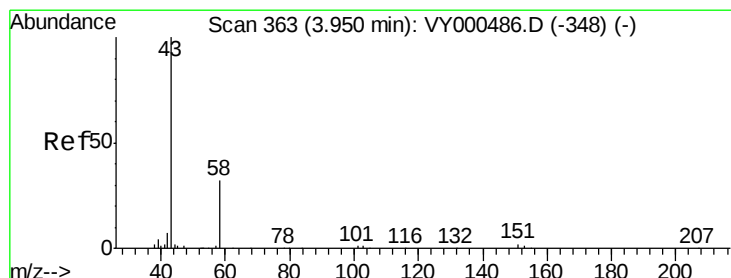
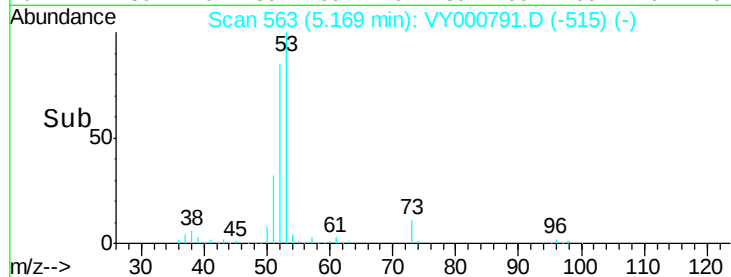
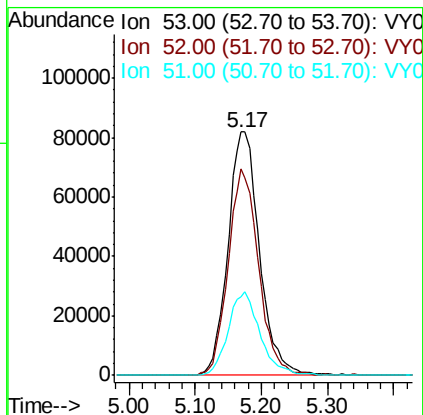
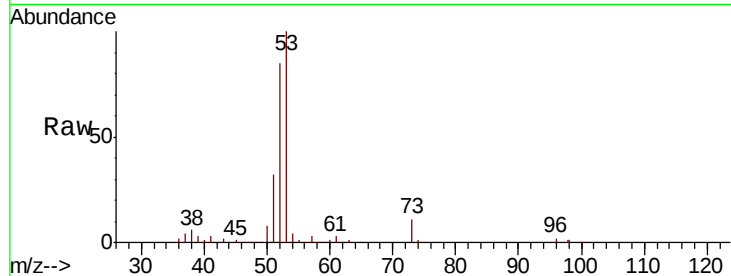
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	269796
Ion	Ratio	Lower	Upper
53	100		
52	82.0	64.9	97.3
51	34.9	27.6	41.4

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#16

Acetone

Concen: 228.900 ug/l

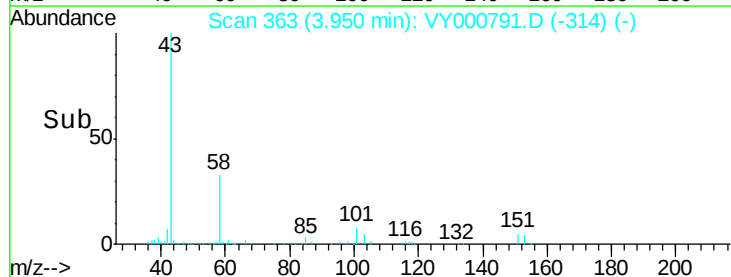
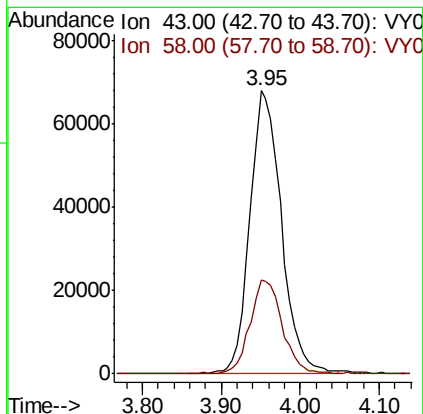
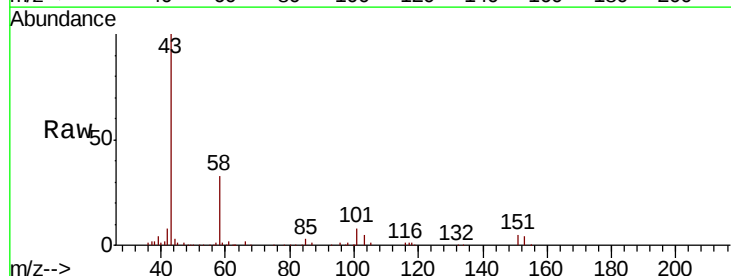
RT: 3.95 min Scan# 363

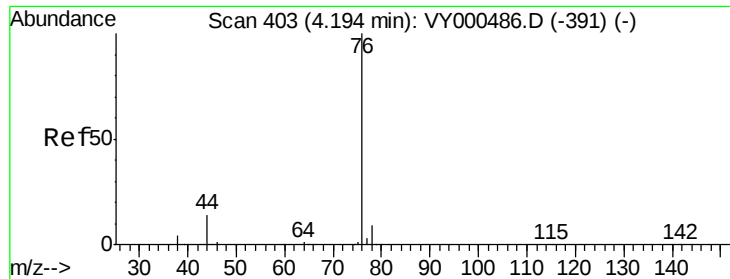
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion:	43	Resp:	190331
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.8	38.6





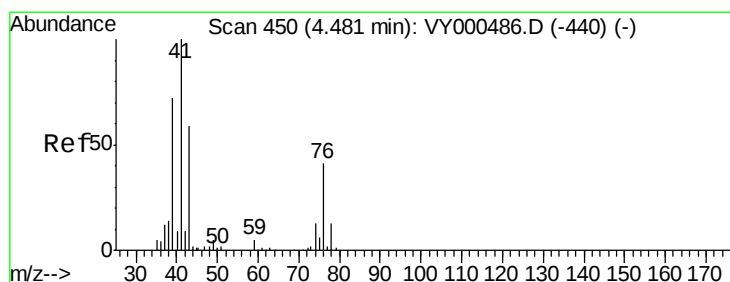
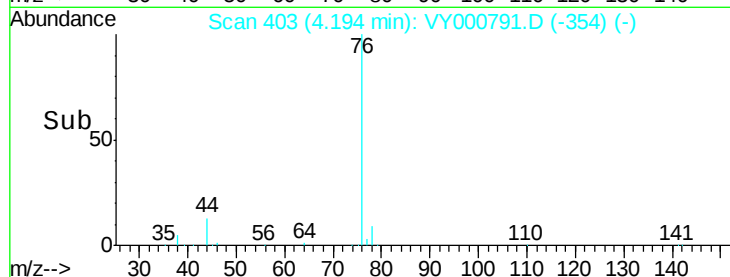
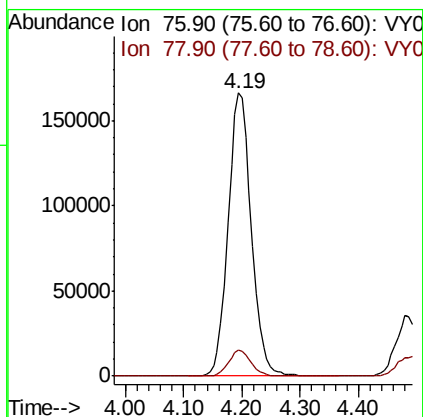
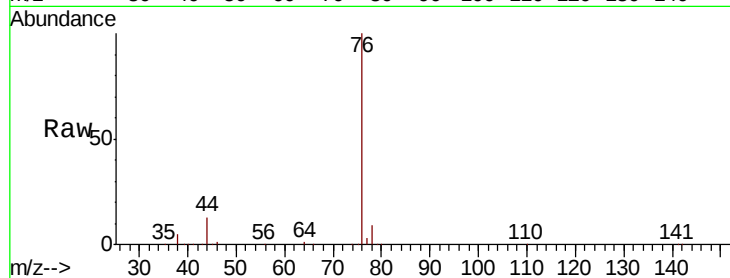
#17
Carbon Disulfide
Concen: 50.082 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

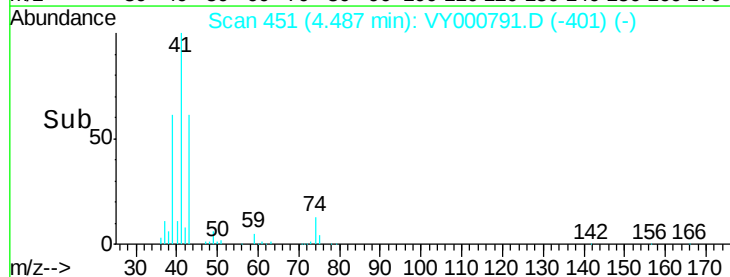
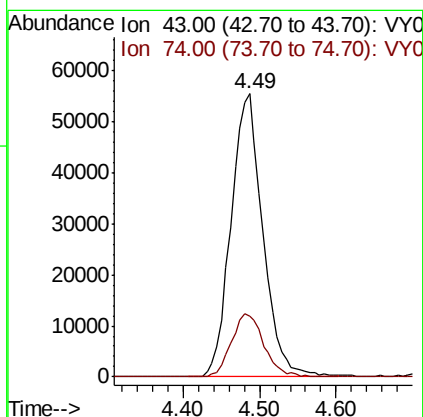
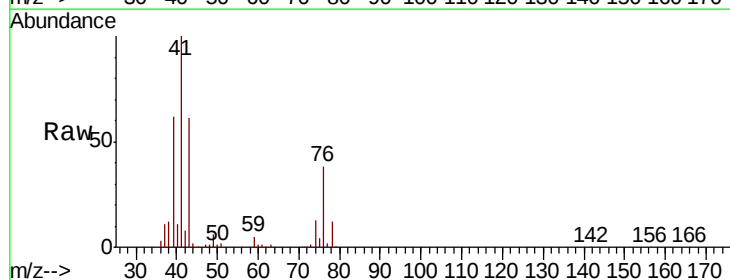
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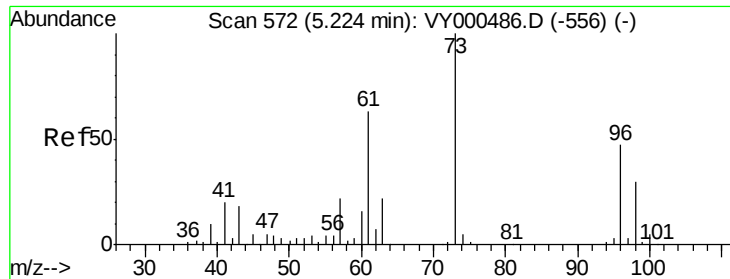
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#18
Methyl Acetate
Concen: 61.824 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.2	28.8





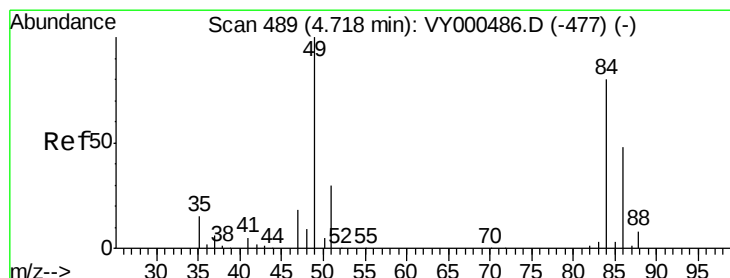
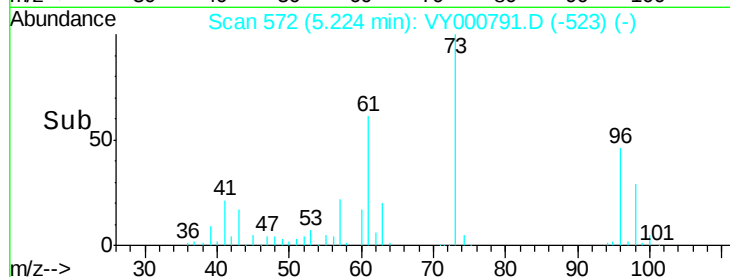
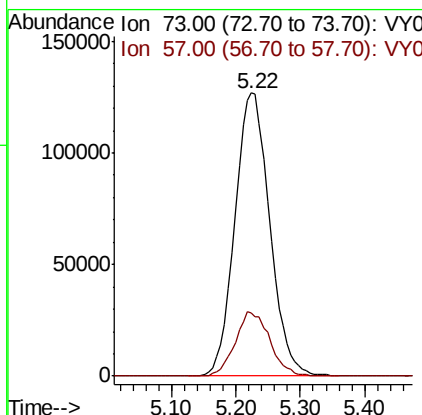
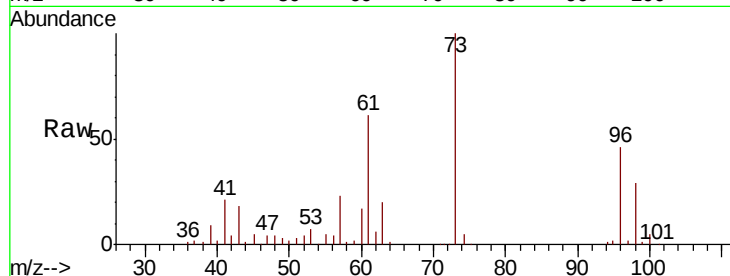
#19
Methyl tert-butyl Ether
Concen: 58.615 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 474579
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0

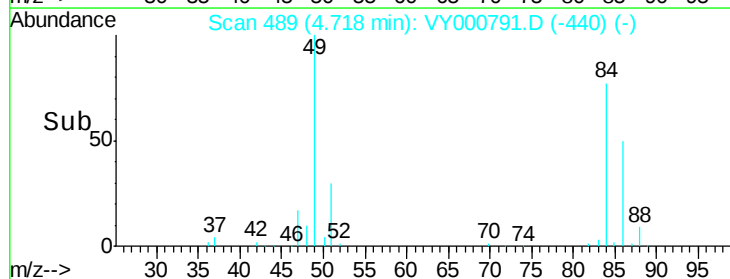
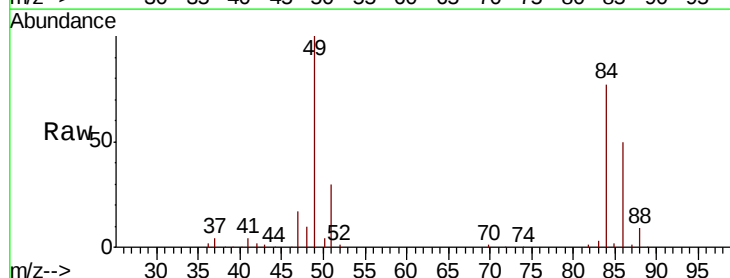
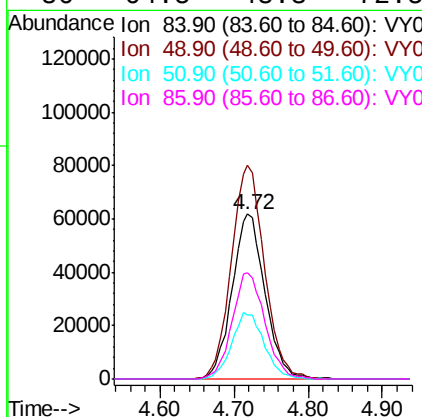
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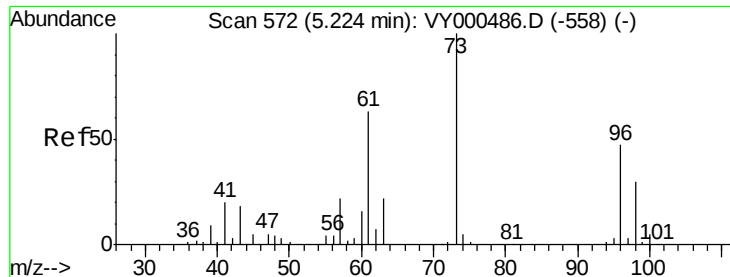
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#20
Methylene Chloride
Concen: 53.747 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 84 Resp: 191495
Ion Ratio Lower Upper
84 100
49 129.7 100.2 150.4
51 38.9 29.6 44.4
86 64.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 55.438 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 182510

Ion Ratio Lower Upper

96 100

61 132.4 106.6 160.0

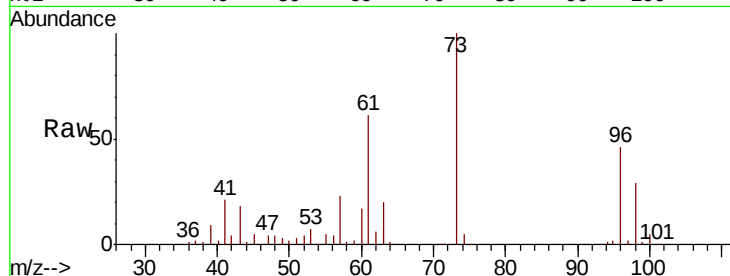
98 62.7 50.6 76.0

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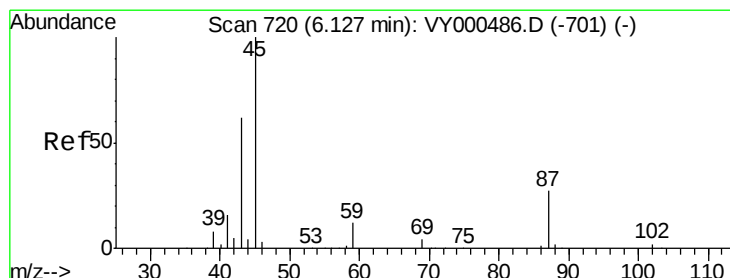
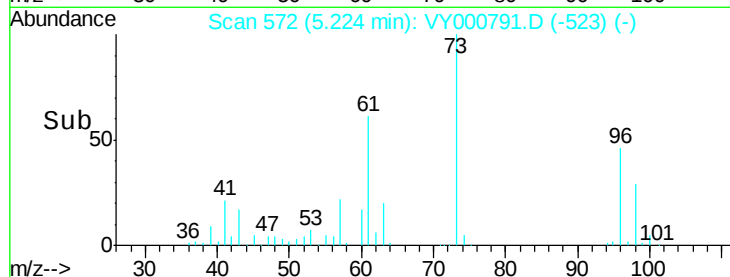
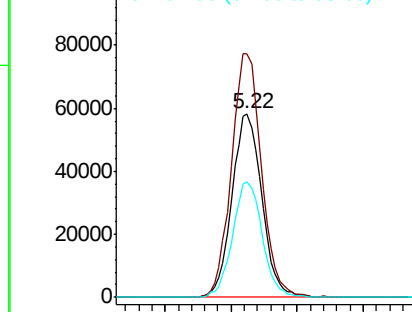


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 61.023 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion: 45 Resp: 628054

Ion Ratio Lower Upper

45 100

43 50.3 50.0 75.0

87 27.3 21.6 32.4

59 11.8 9.5 14.3

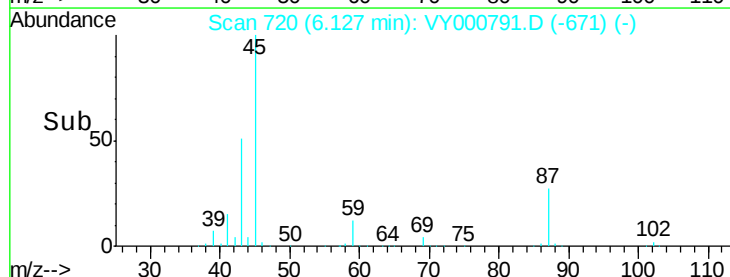
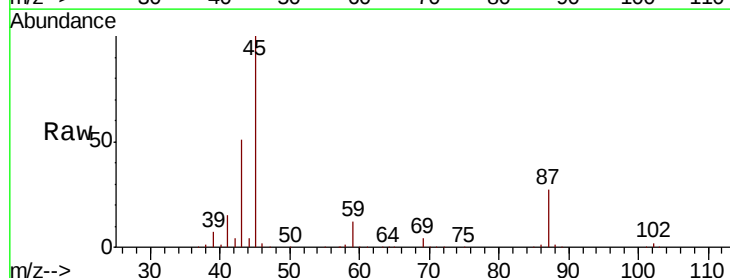
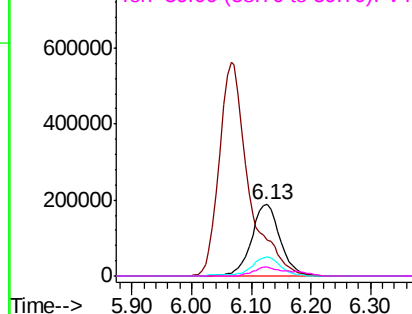
Abundance

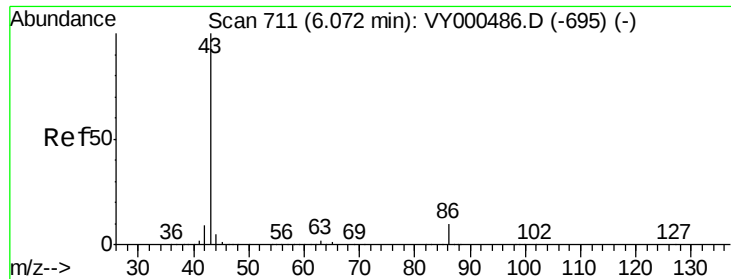
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





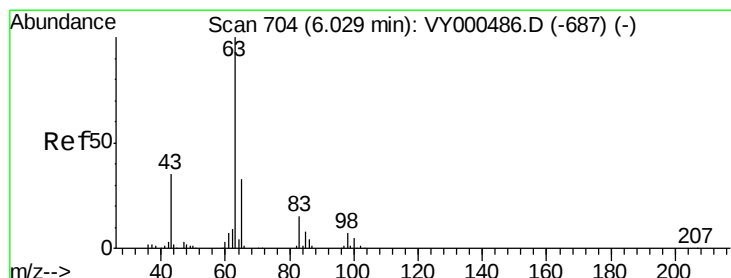
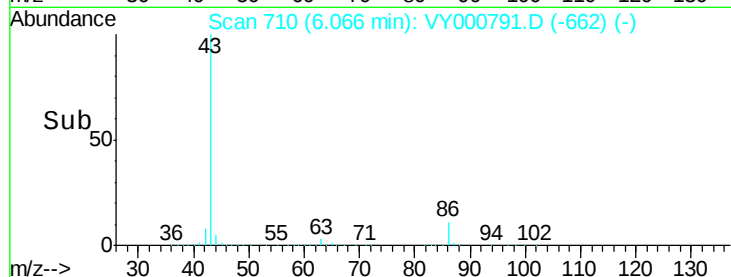
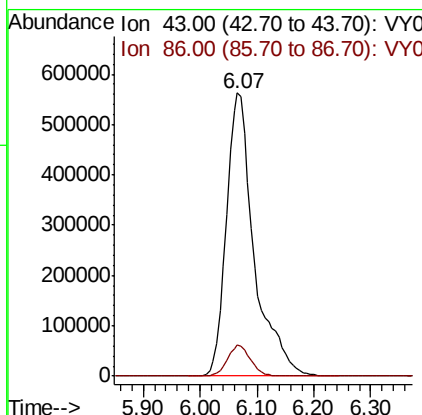
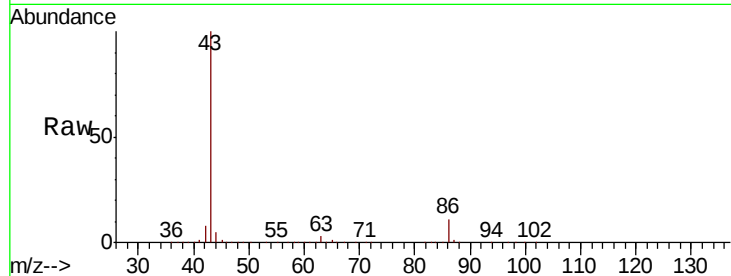
#23
 Vinyl Acetate
 Concen: 295.261 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1918282
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.6

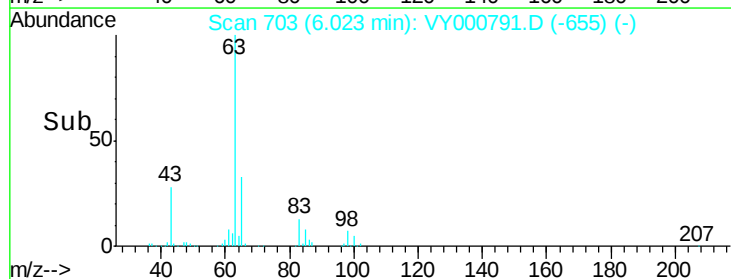
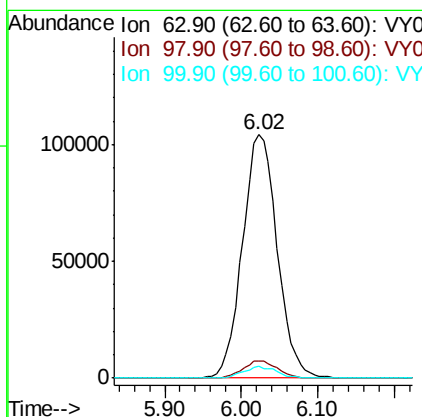
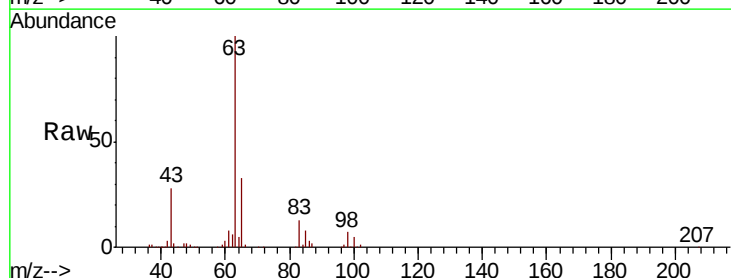
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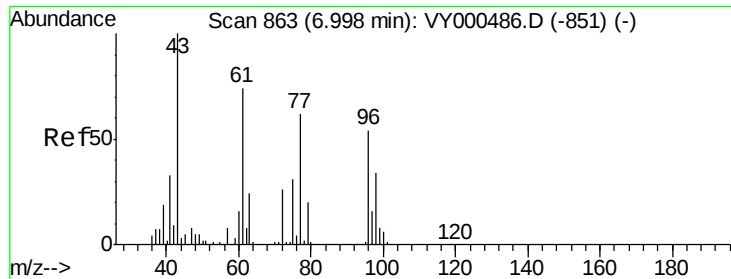
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#24
 1,1-Dichloroethane
 Concen: 59.054 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 63 Resp: 329263
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 269.586 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 357747

Ion Ratio Lower Upper

43 100

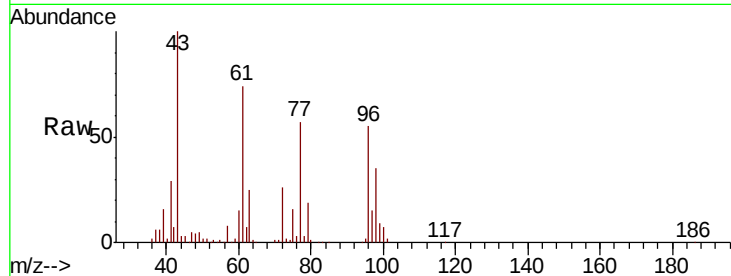
72 26.3 20.9 31.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

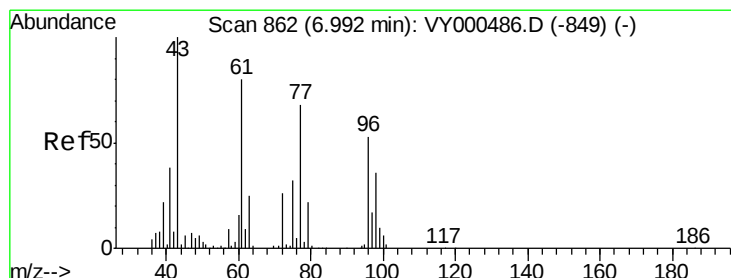
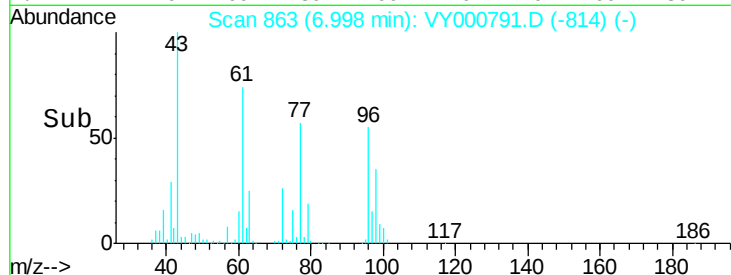
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 54.002 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000791.D

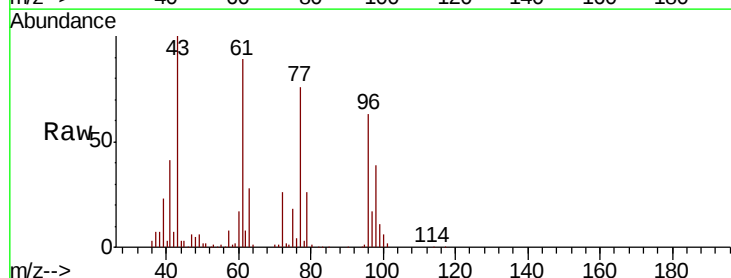
Acq: 22 Nov 2019 17:06

Tgt Ion: 77 Resp: 275162

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

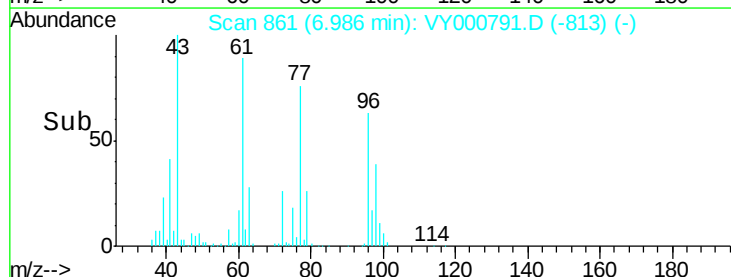
60000

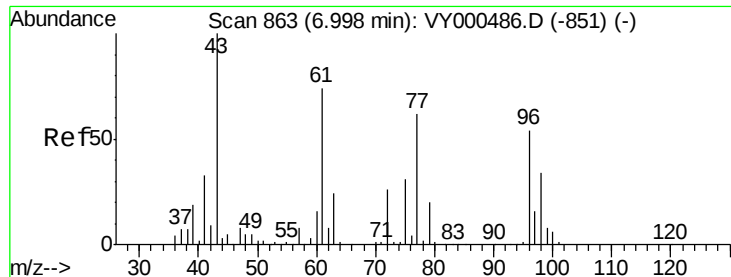
40000

20000

0

Time-->





#27

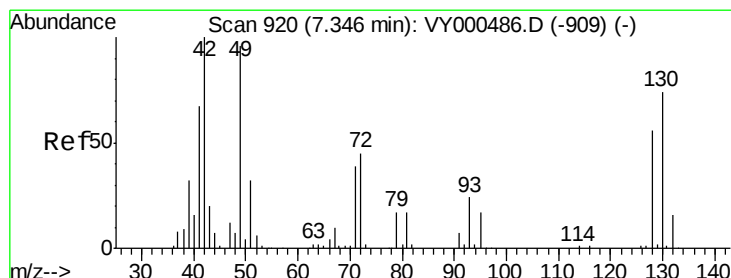
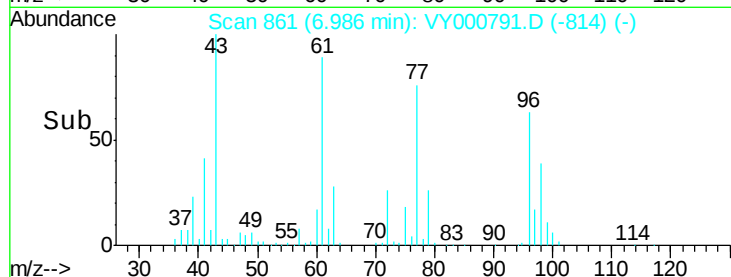
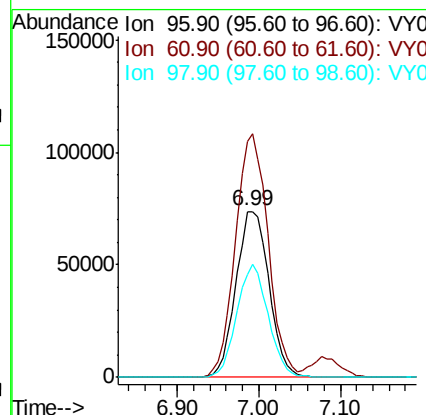
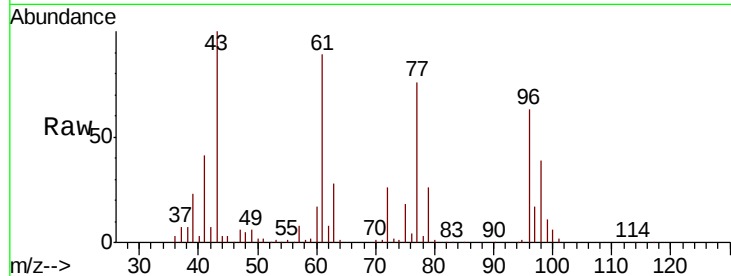
cis-1,2-Dichloroethene
Concen: 57.593 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	207326		
61	144.3	0.0	287.0	
98	64.5	0.0	129.4	

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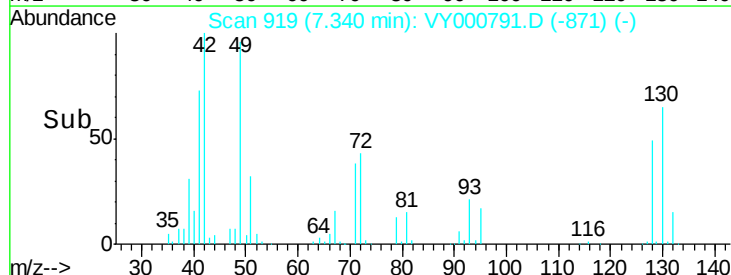
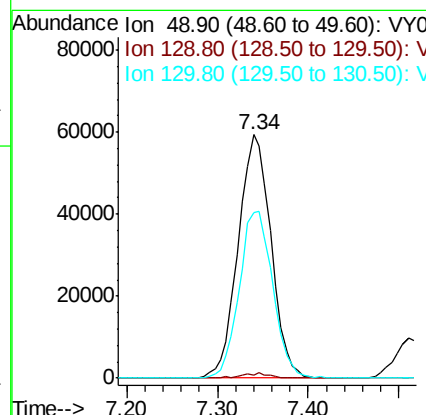
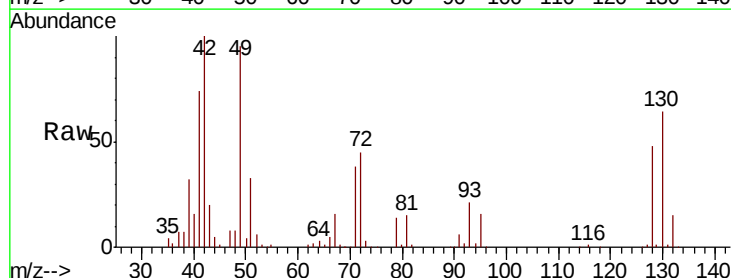
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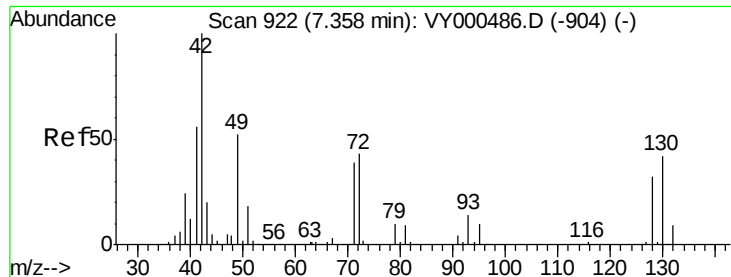


#28

Bromochloromethane
Concen: 57.944 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149145		
129	1.7	0.0	3.6	
130	69.9	59.4	89.0	





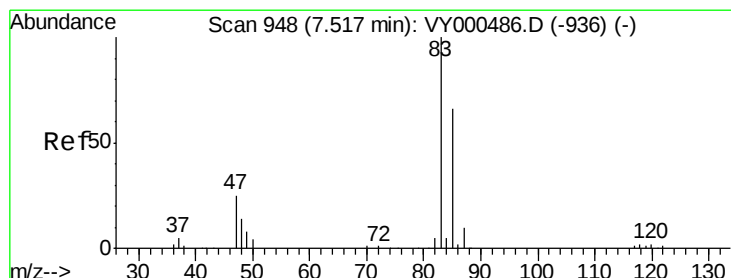
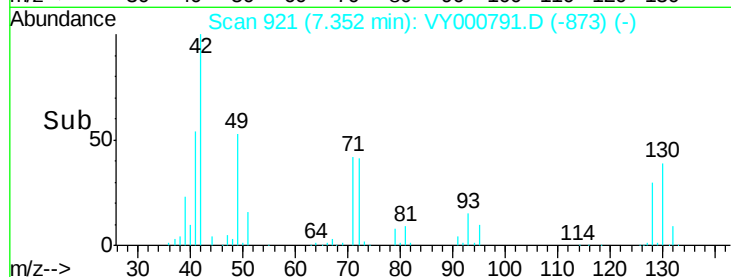
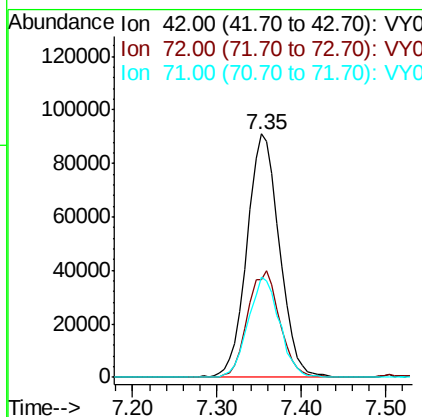
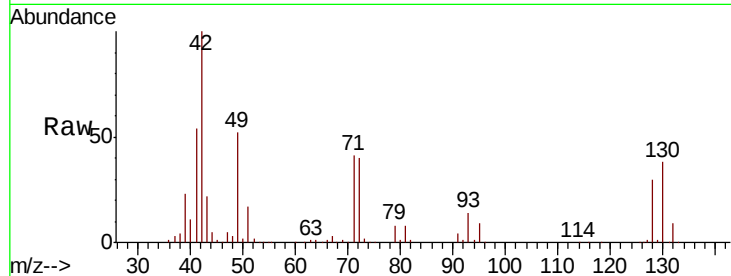
#29
Tetrahydrofuran
Concen: 293.800 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.0	51.0
71	39.6	30.8	46.2

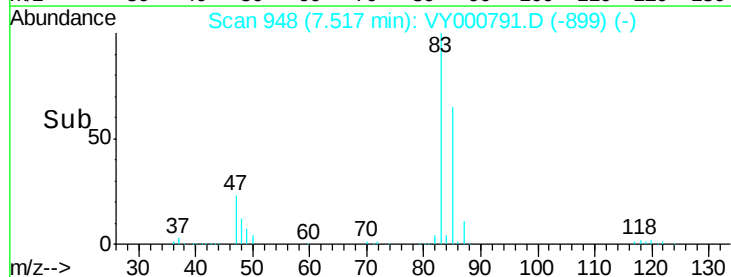
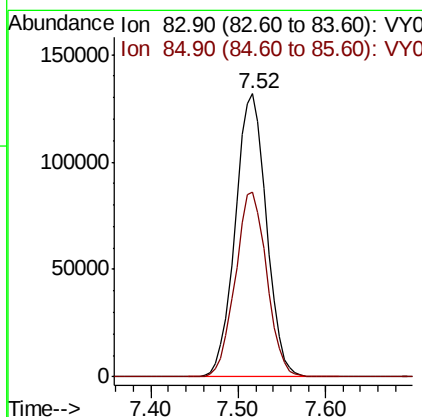
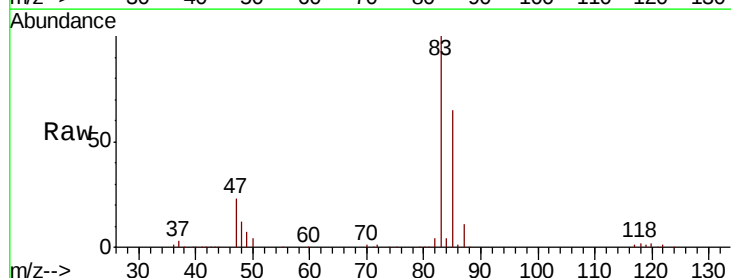
Manual Integrations
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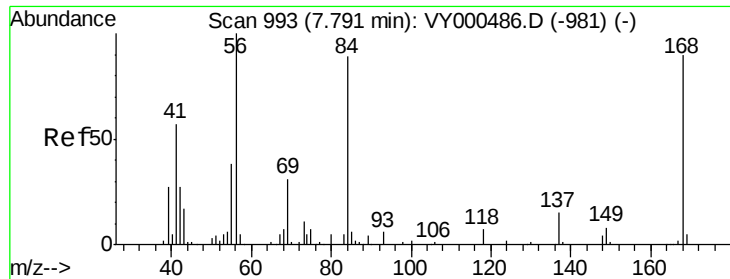
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#30
Chloroform
Concen: 57.821 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.0	79.4





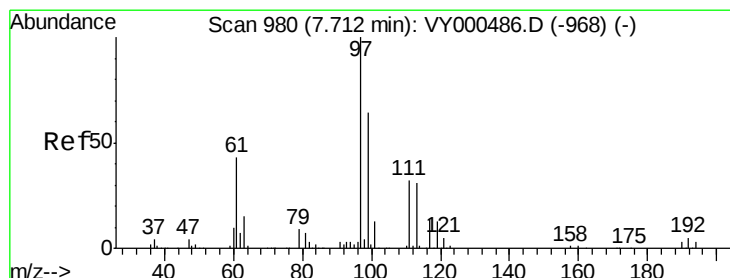
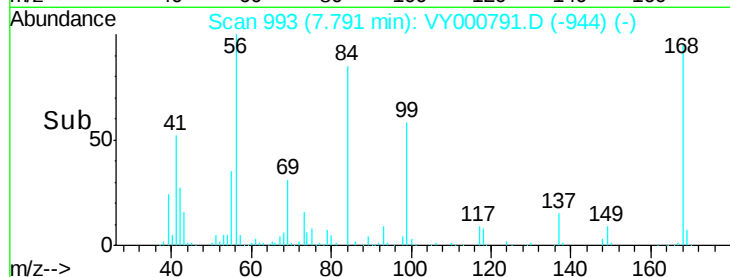
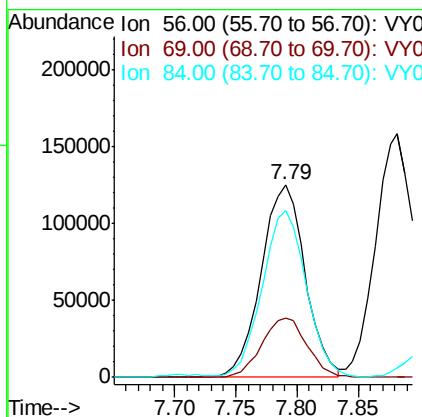
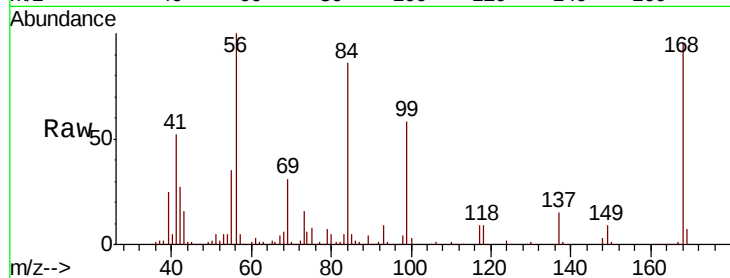
#31
Cyclohexane
Concen: 53.603 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.0	37.6
84	85.4	71.4	107.2

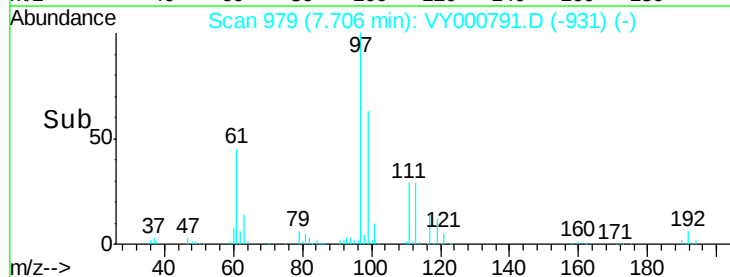
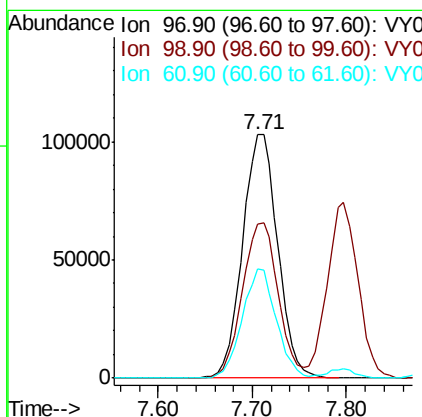
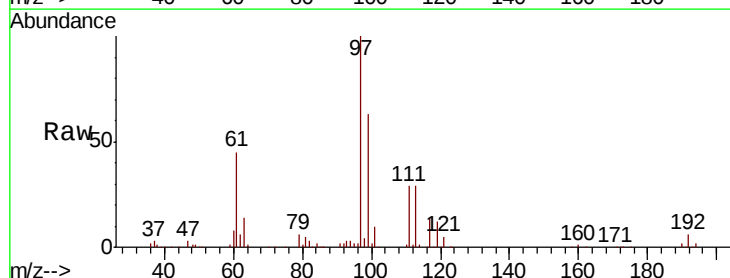
Manual Integrations
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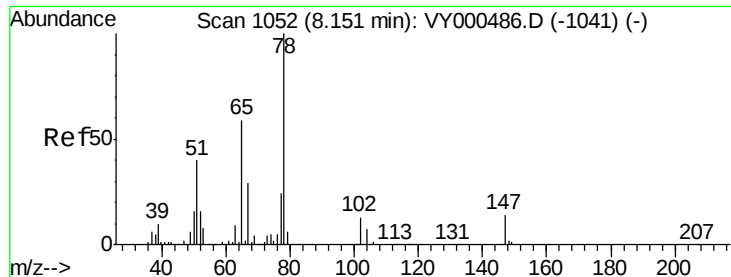
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 53.565 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	43.4	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 56.483 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 170406

Ion Ratio Lower Upper

65 100

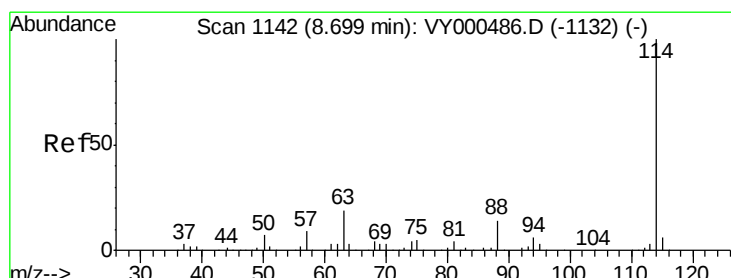
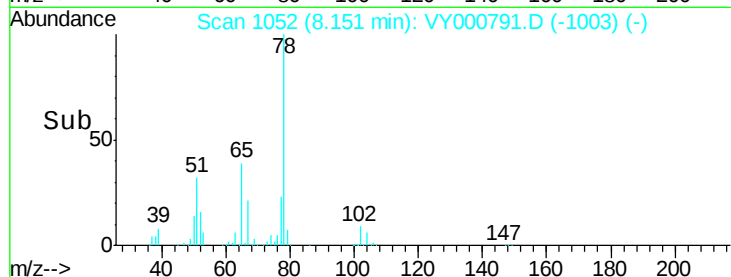
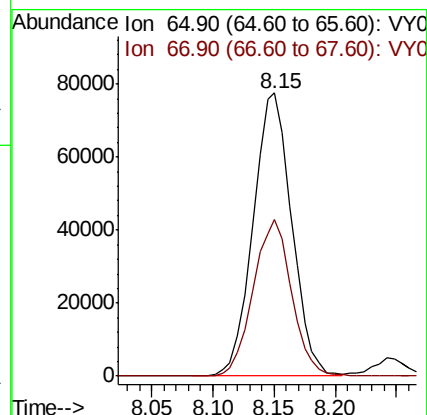
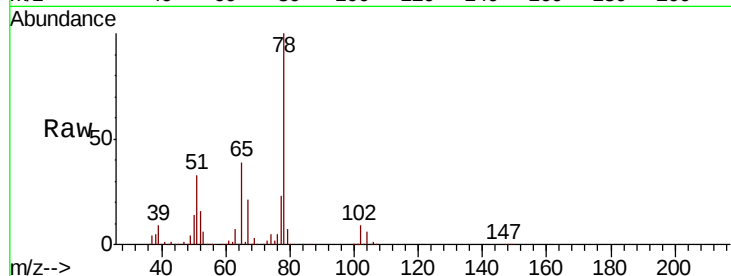
67 54.9 0.0 107.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

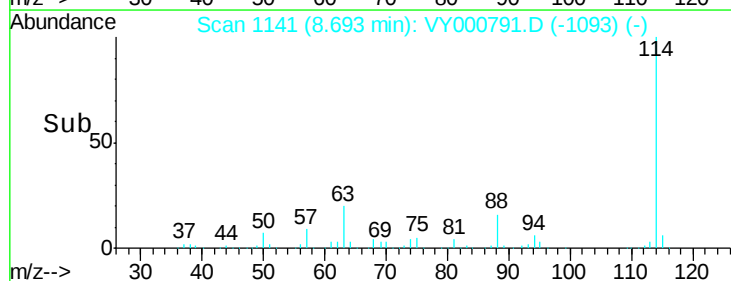
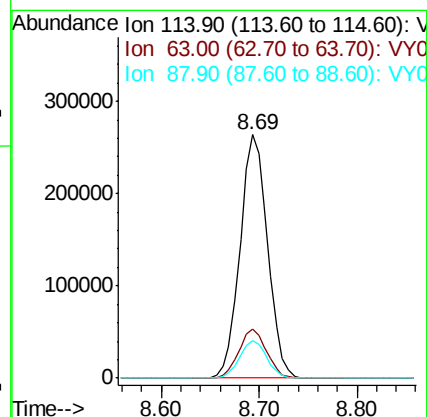
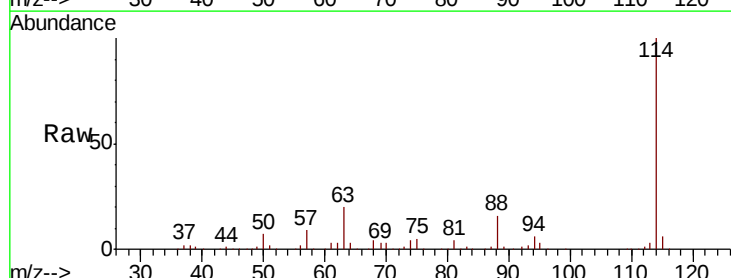
Tgt Ion: 114 Resp: 514560

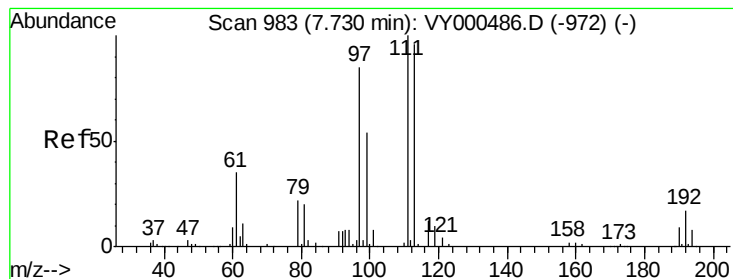
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

88 15.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 52.575 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

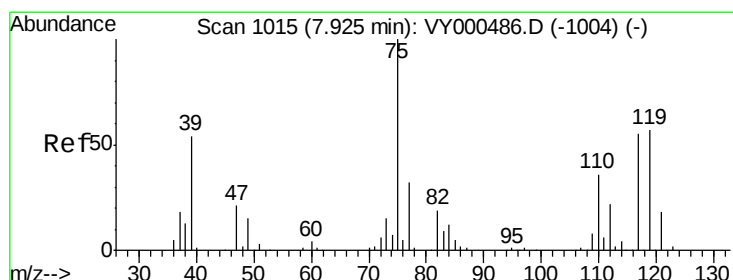
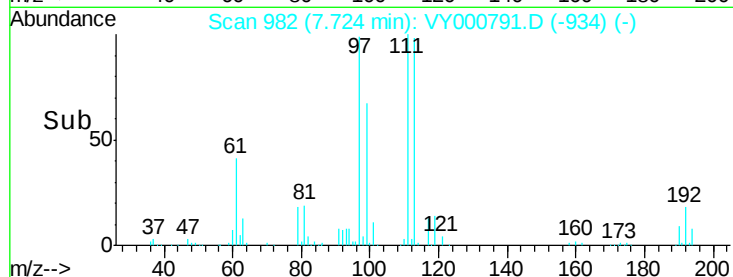
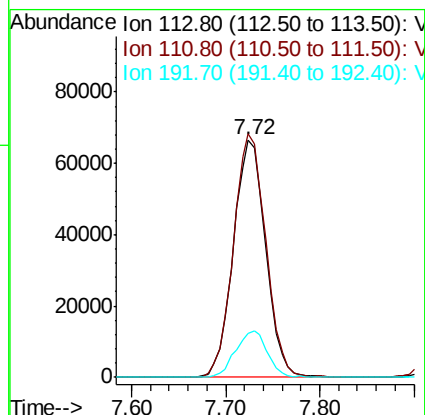
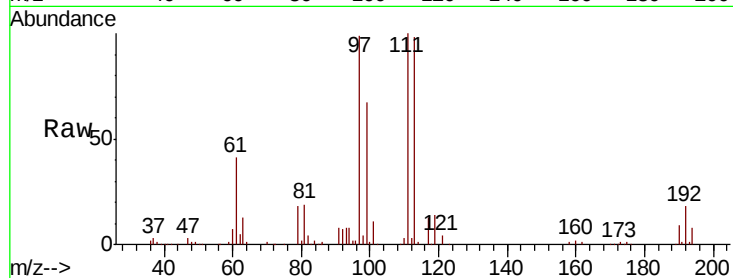
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	158819
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.7	122.5
192	19.2	15.0	22.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.202 ug/l

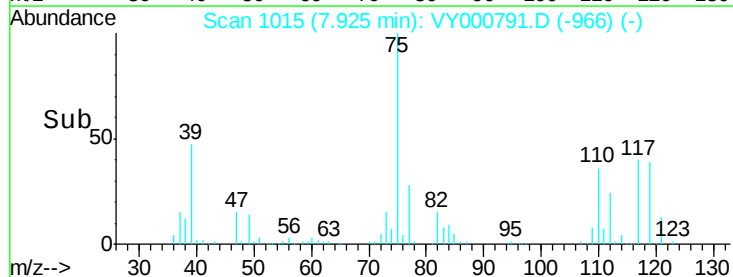
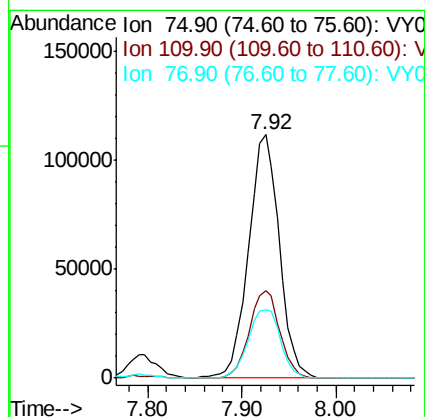
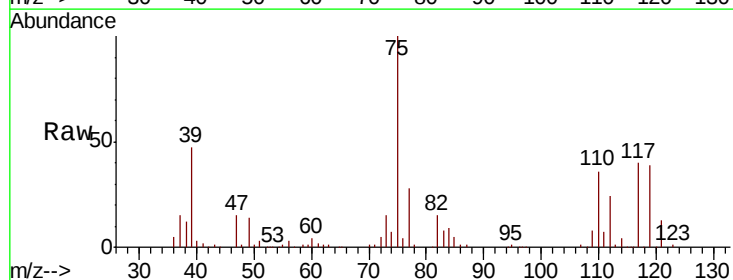
RT: 7.92 min Scan# 1015

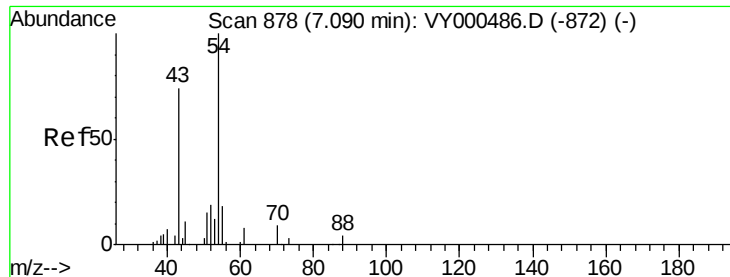
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion:	75	Resp:	253933
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.1	54.1
77	30.0	25.0	37.6





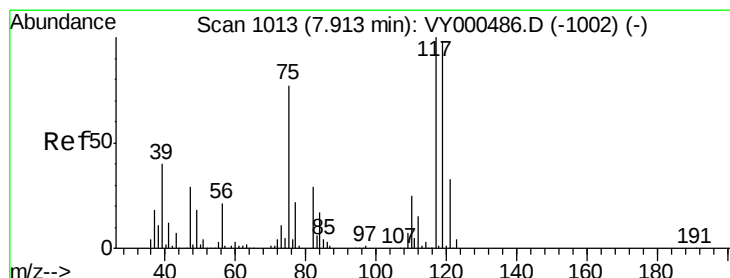
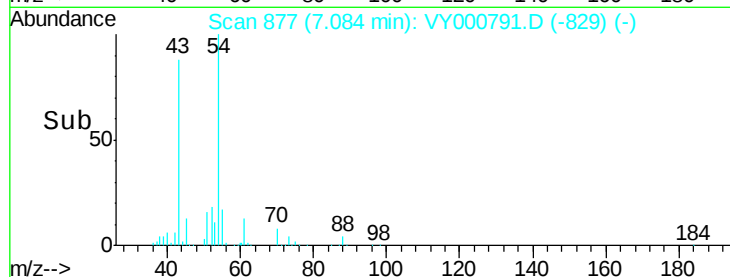
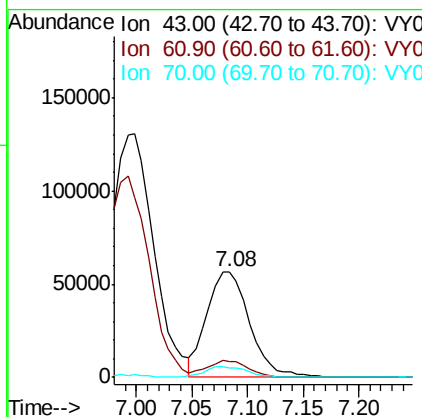
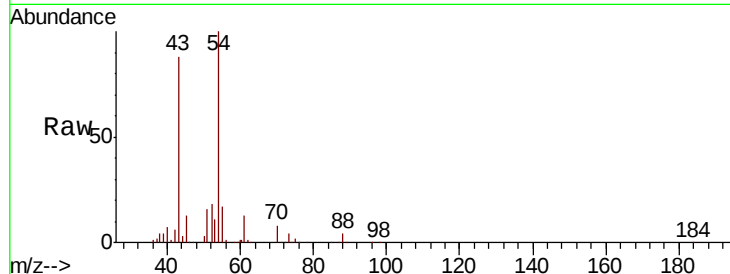
#37
Ethyl Acetate
Concen: 52.134 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.2	15.2
70	10.6	7.8	11.8

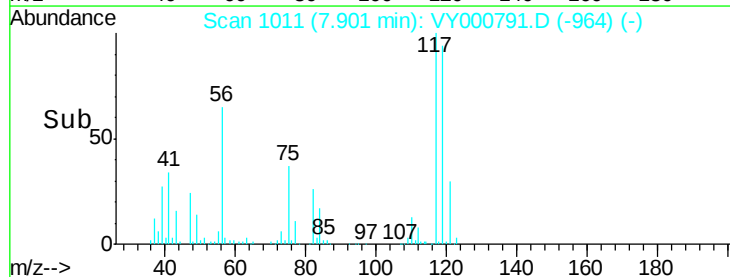
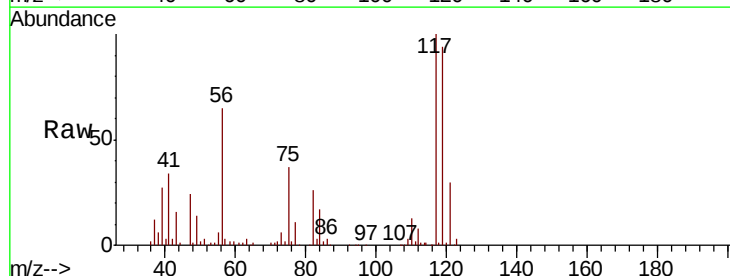
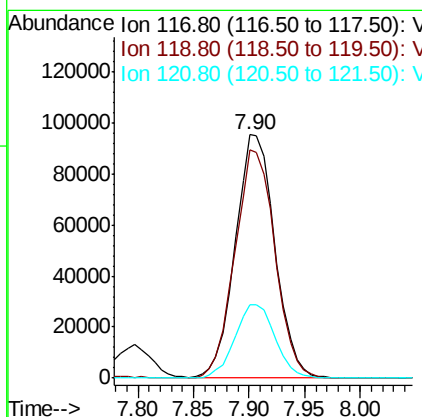
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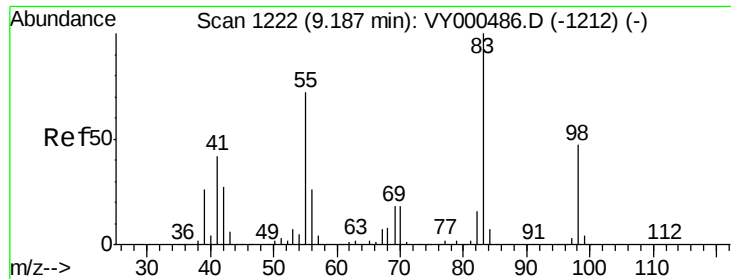
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#38
Carbon Tetrachloride
Concen: 50.386 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.0	117.0
121	30.4	26.6	40.0





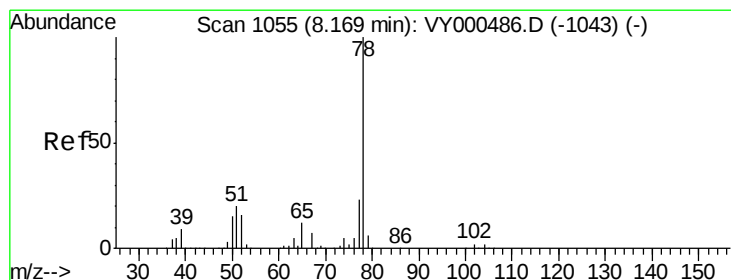
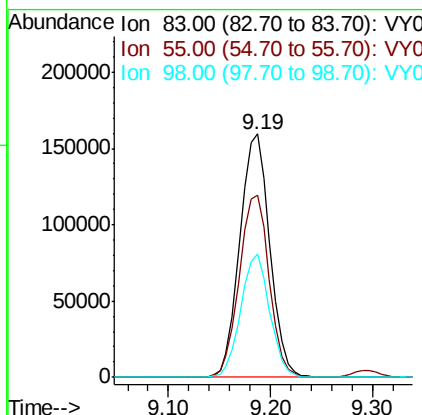
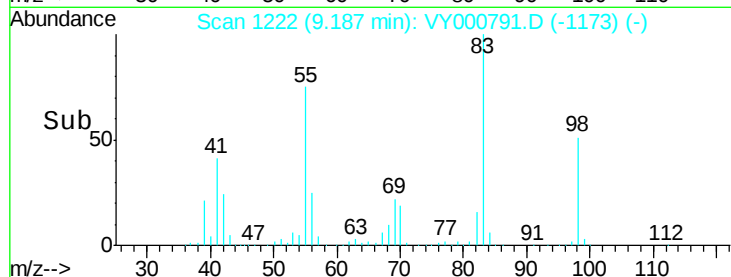
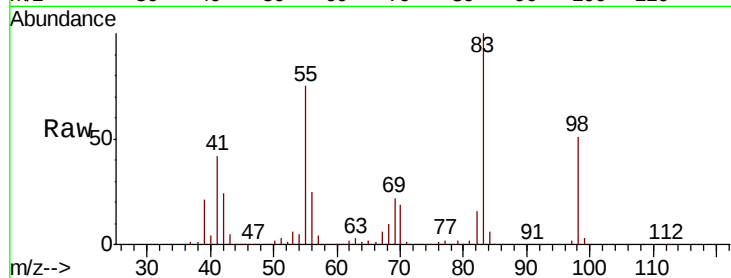
#39
Methvlcvclohexane
Concen: 51.707 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	57.5	86.3
98	50.8	38.0	57.0

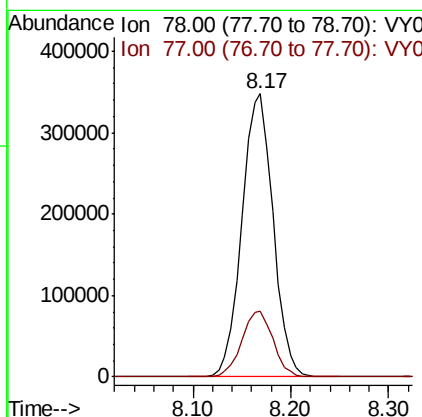
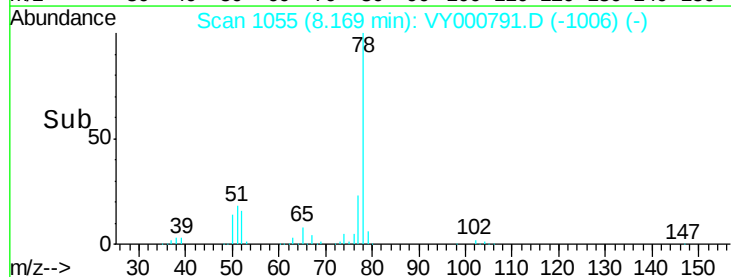
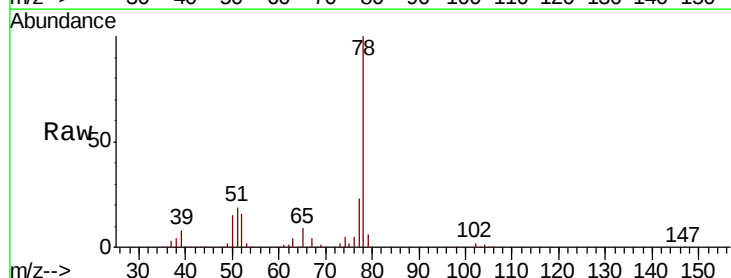
Manual Integrations
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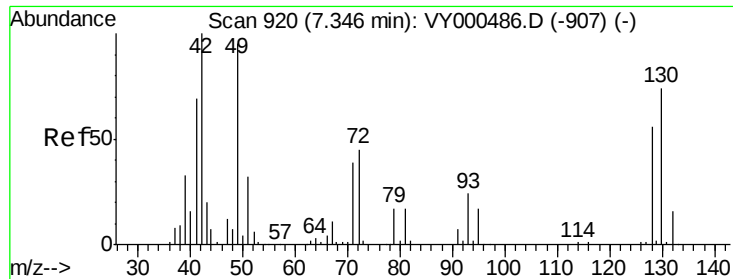
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#40
Benzene
Concen: 53.780 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0





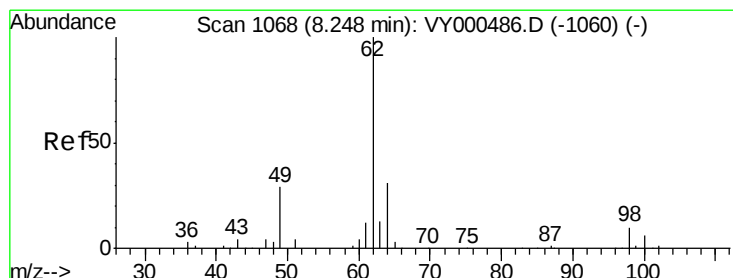
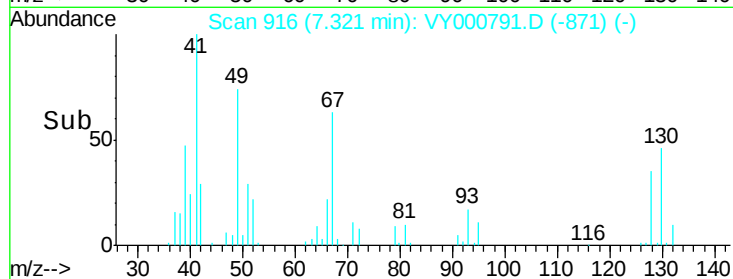
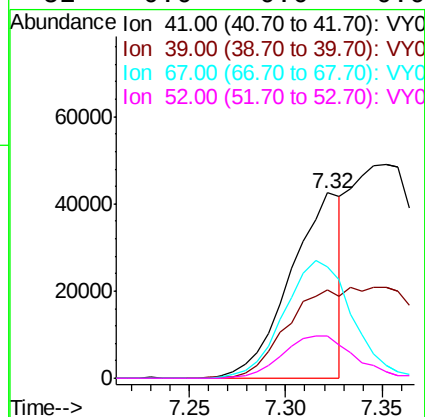
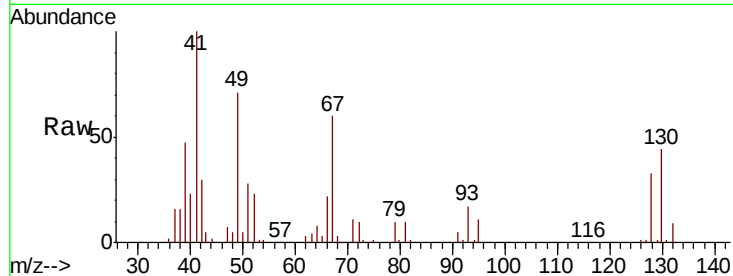
#41
Methacrylonitrile
Concen: 48.943 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	78852
Ion	Ratio	Lower	Upper
41	100		
39	121.6	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

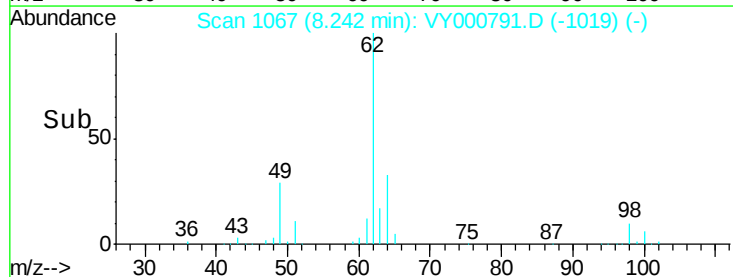
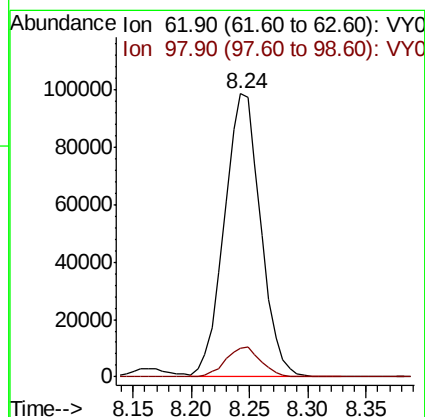
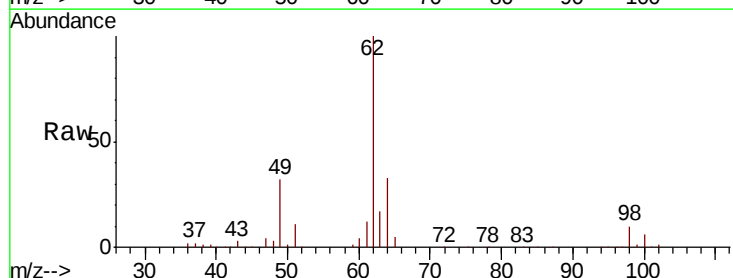
Manual Integrations
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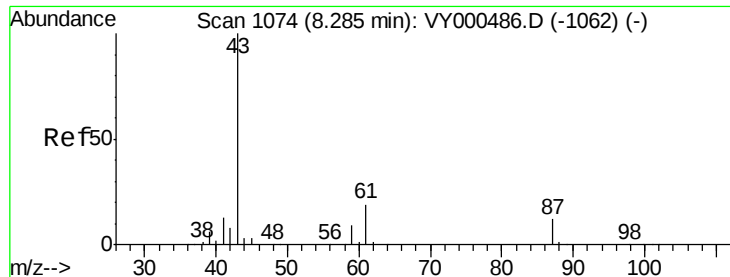
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#42
1,2-Dichloroethane
Concen: 52.711 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion:	62	Resp:	213211
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 54.603 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

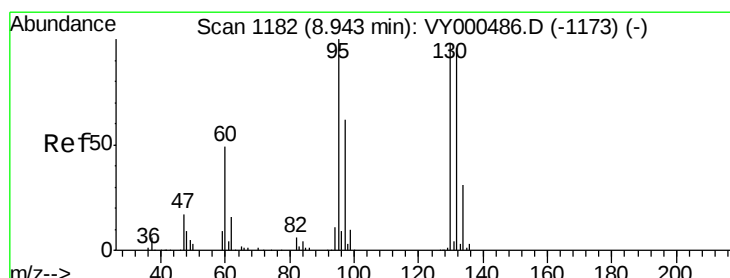
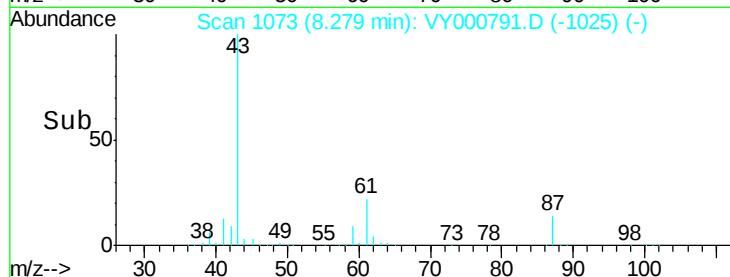
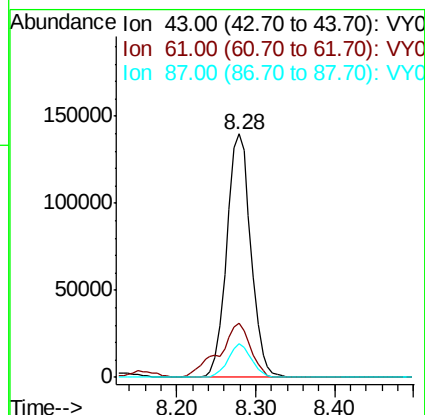
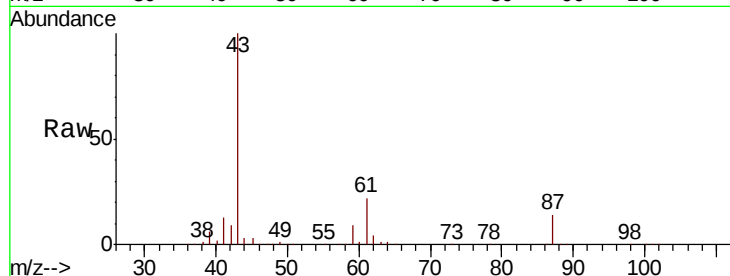
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	296227
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.4
87	13.5	10.5	15.7

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#44

Trichloroethene

Concen: 51.608 ug/l

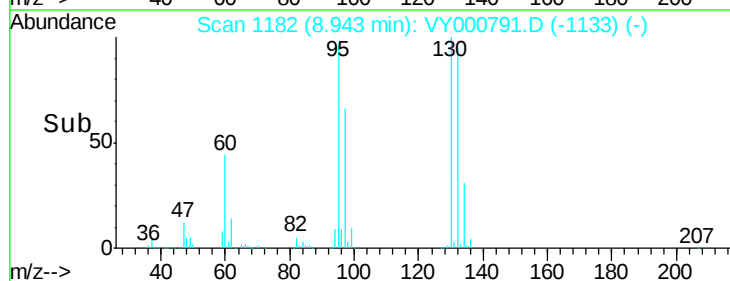
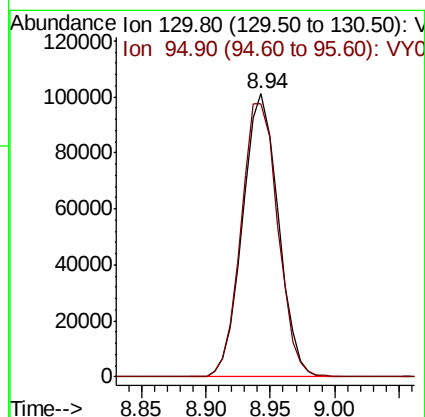
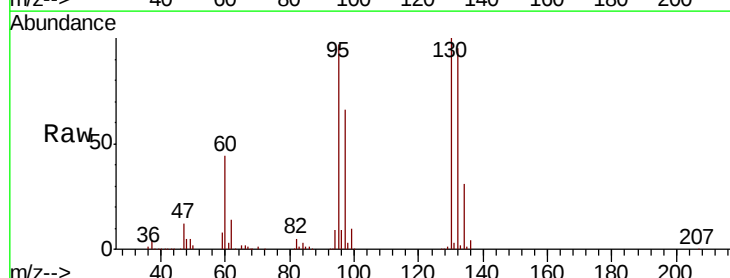
RT: 8.94 min Scan# 1182

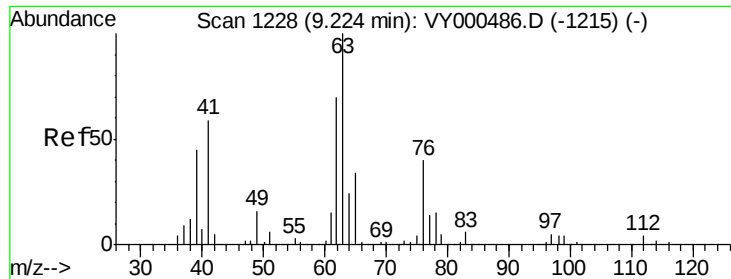
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion:	130	Resp:	194053
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	203.2





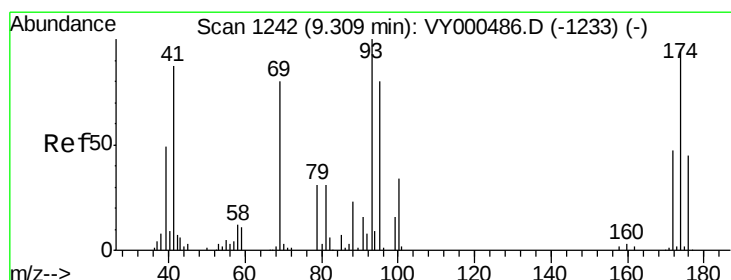
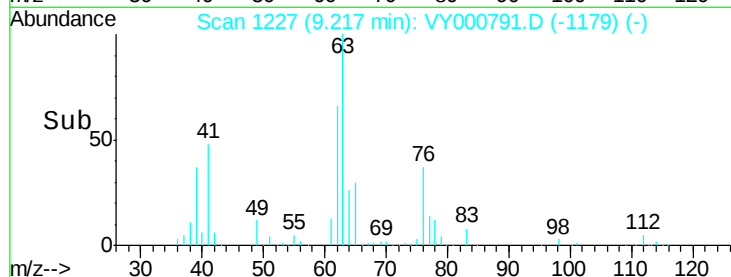
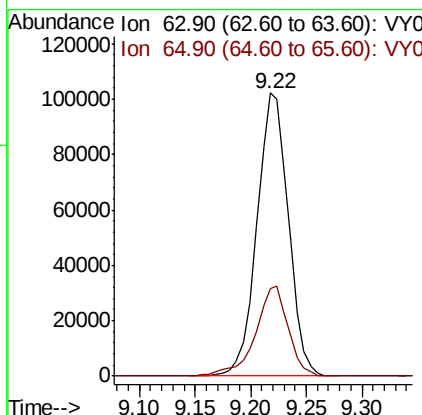
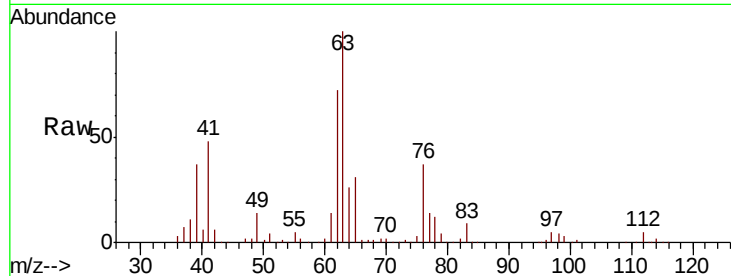
#45
 1,2-Dichloropropane
 Concen: 57.308 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 201149
 Ion Ratio Lower Upper
 63 100
 65 30.9 27.0 40.4

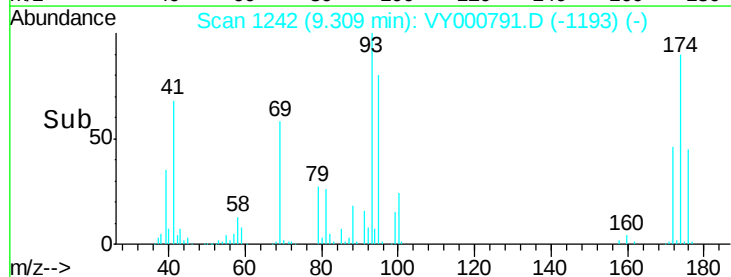
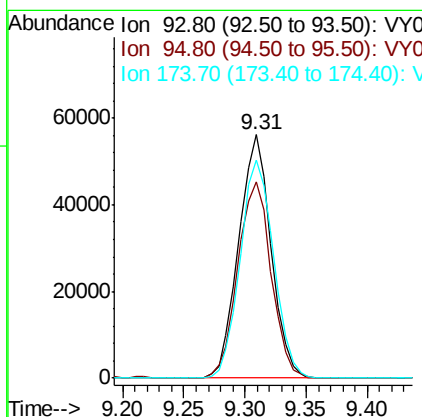
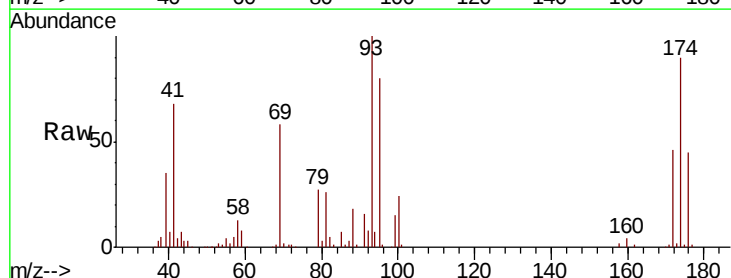
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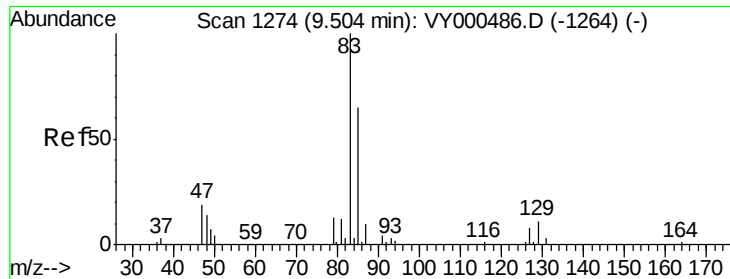
MMDadoda
 11/26/2019 1:34:03 AM



#46
 Dibromomethane
 Concen: 53.394 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 93 Resp: 103069
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 93.0 77.1 115.7





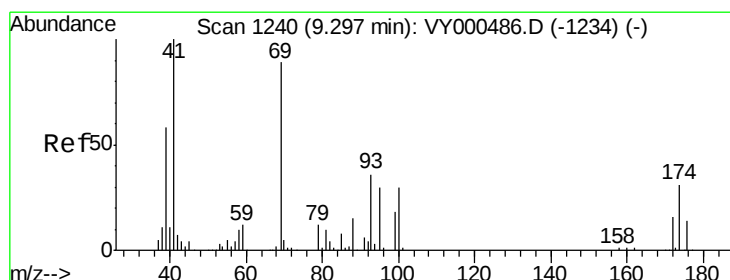
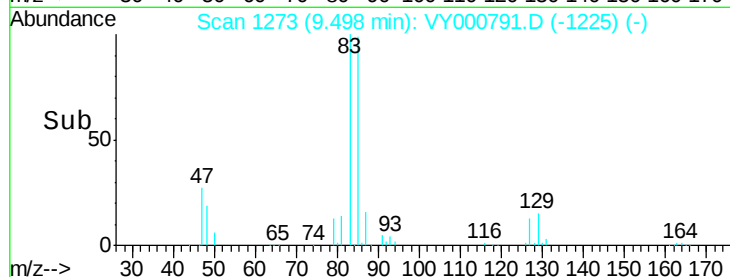
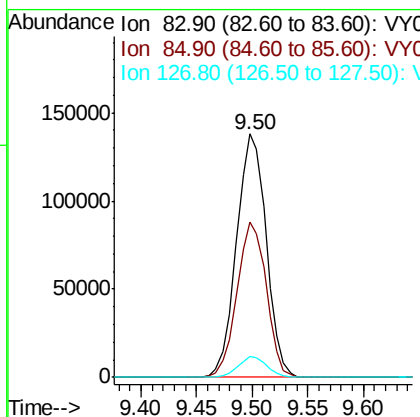
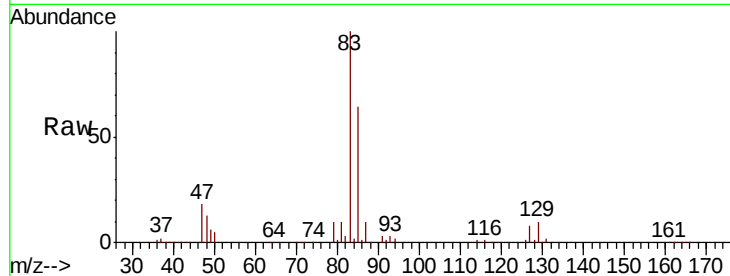
#47
Bromodichloromethane
Concen: 55.627 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	254789		
85	63.6	51.8	77.8	
127	8.5	6.7	10.1	

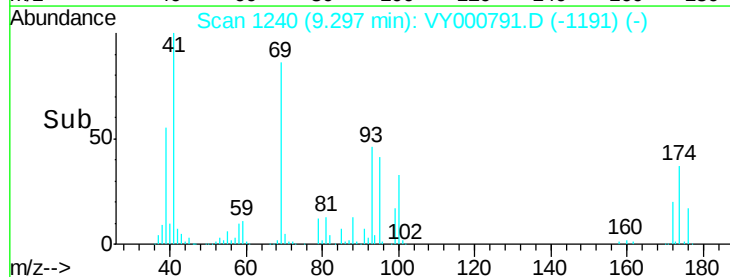
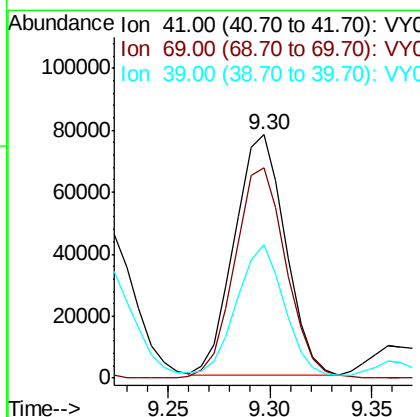
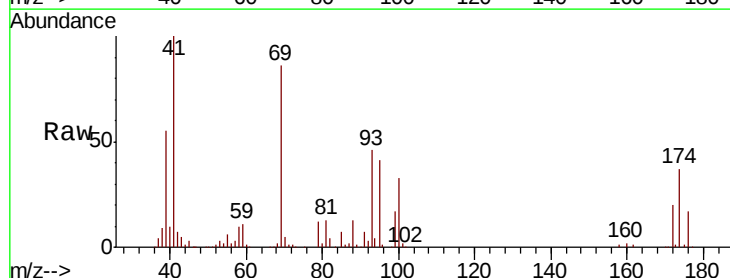
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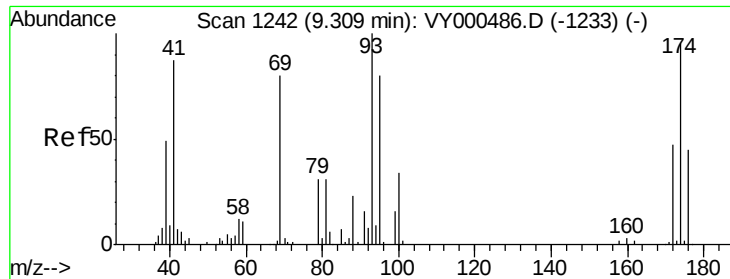
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#48
Methyl methacrylate
Concen: 56.929 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	134943		
69	88.3	72.5	108.7	
39	53.2	47.8	71.8	





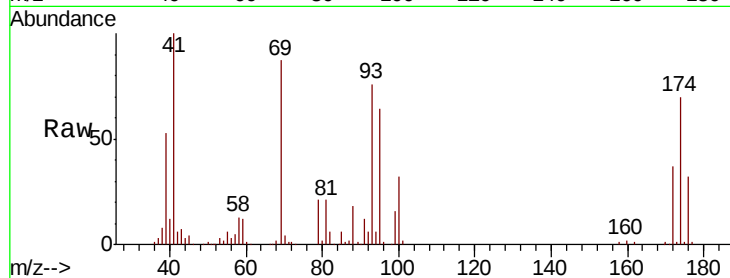
#49
1,4-Dioxane
Concen: 1101.748 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

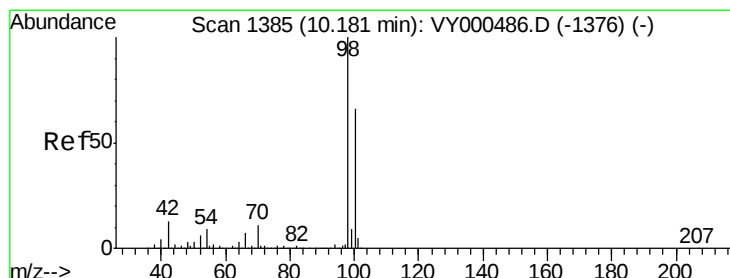
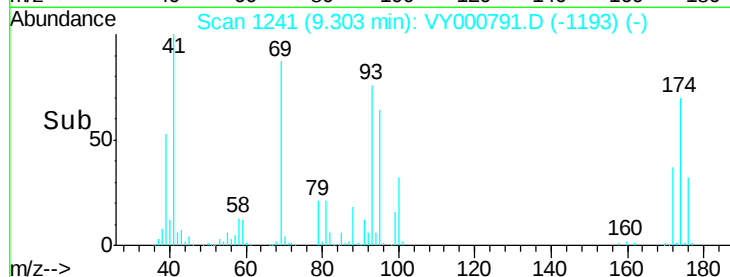
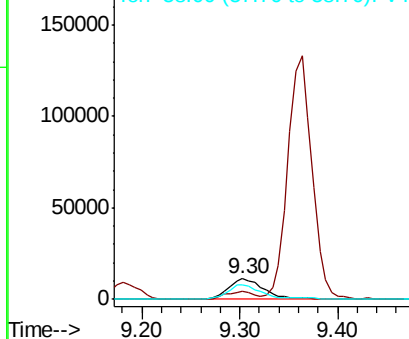
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	25.1	37.7
58	72.4	50.6	75.8

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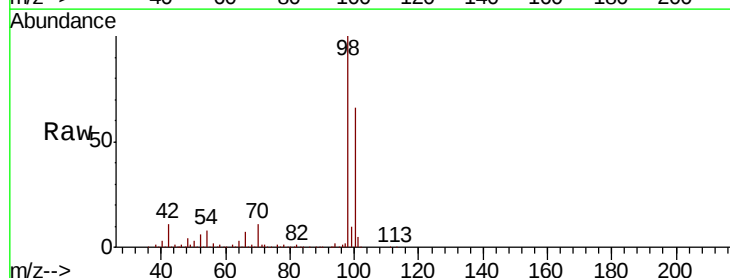


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

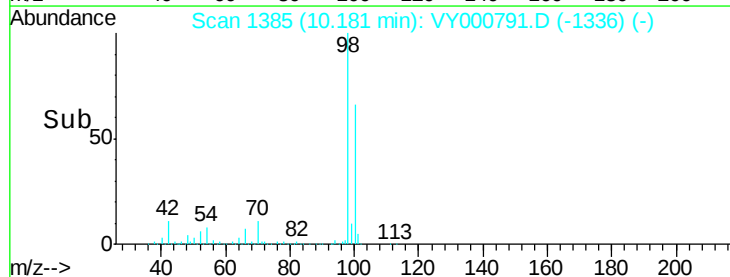
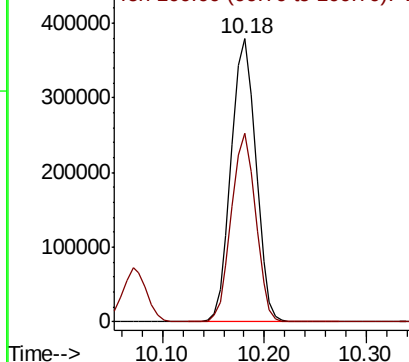


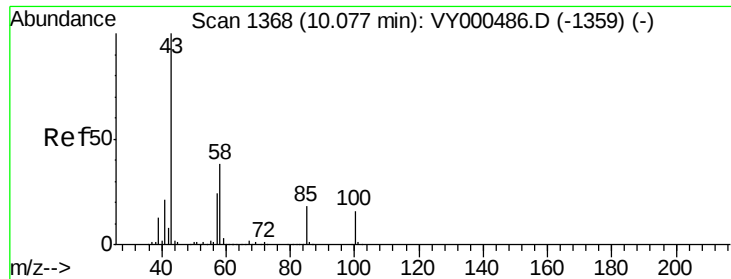
#50
Toluene-d8
Concen: 55.657 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3



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





#51

4-Methyl-2-Pentanone

Concen: 273.893 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 790020

Ion Ratio Lower Upper

43 100

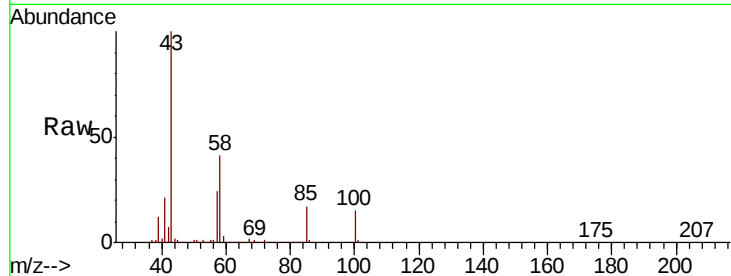
58 40.4 30.2 45.4

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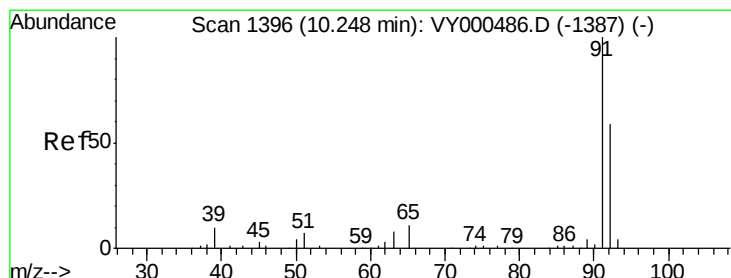
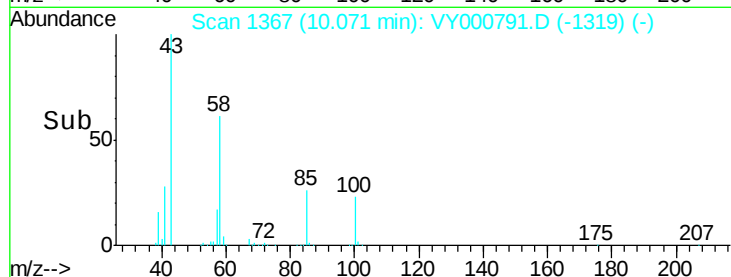
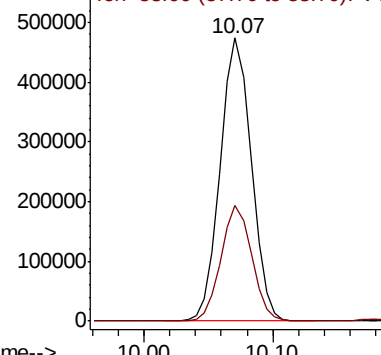
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.652 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000791.D

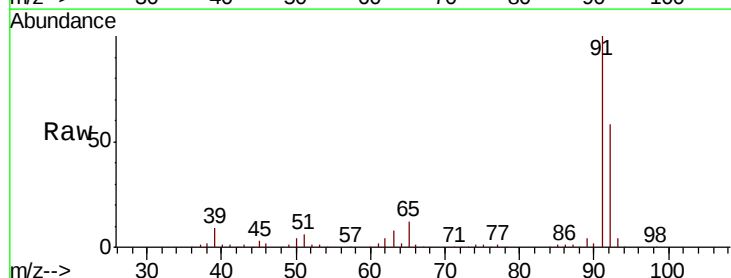
Acq: 22 Nov 2019 17:06

Tgt Ion: 92 Resp: 483749

Ion Ratio Lower Upper

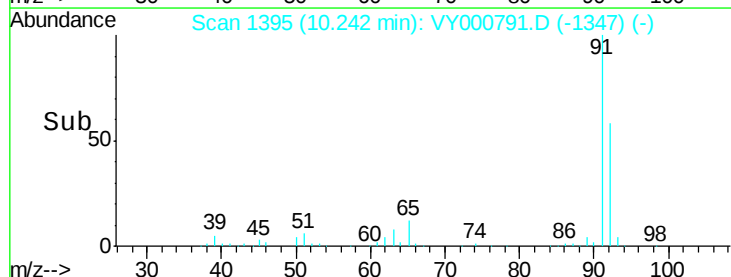
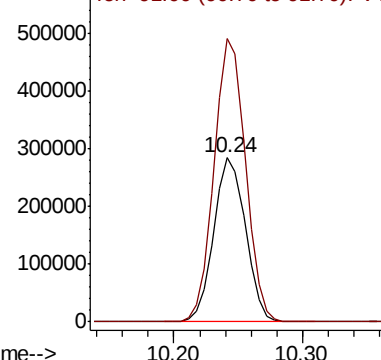
92 100

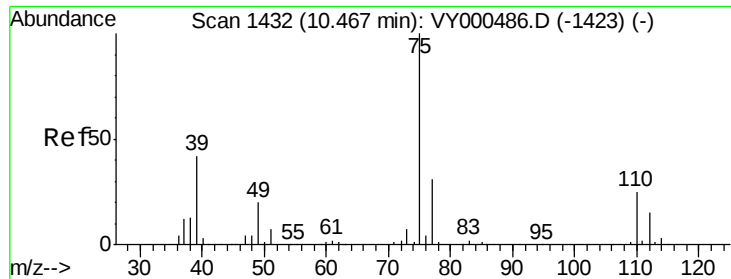
91 171.1 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





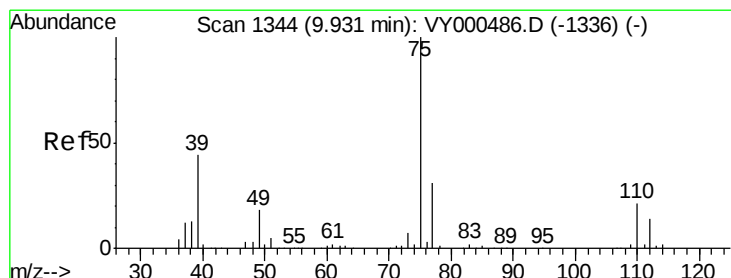
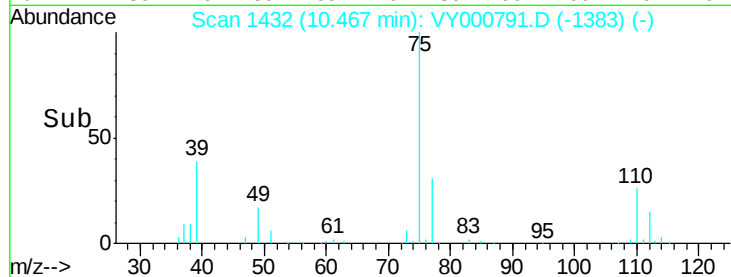
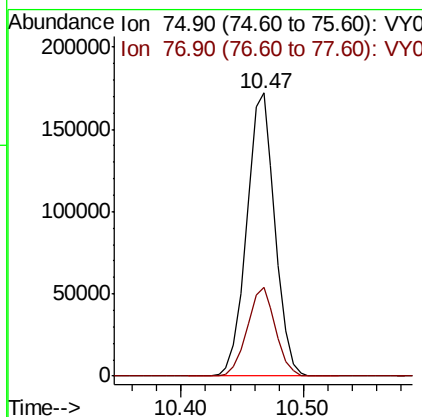
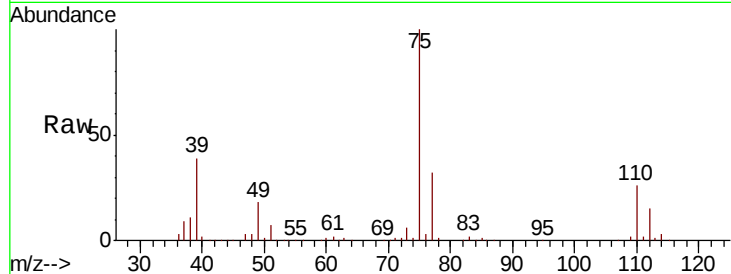
#53
 t-1,3-Dichloropropene
 Concen: 56.202 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 275056
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0

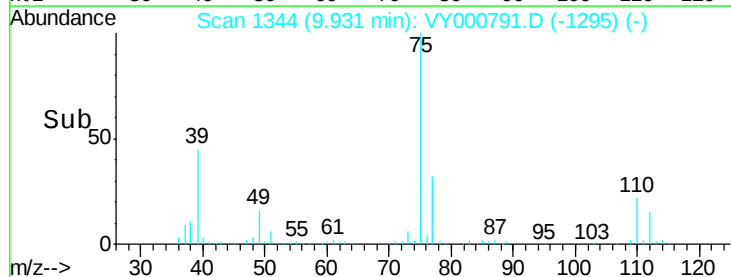
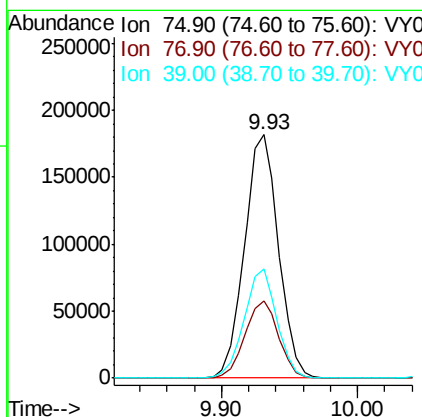
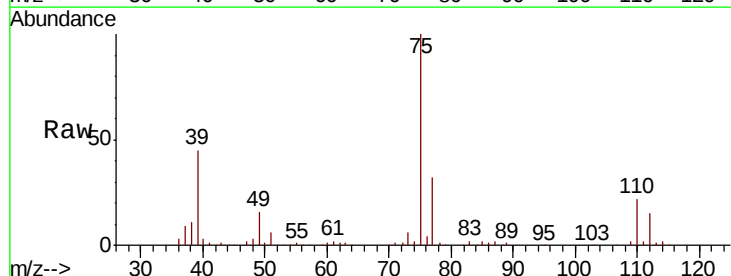
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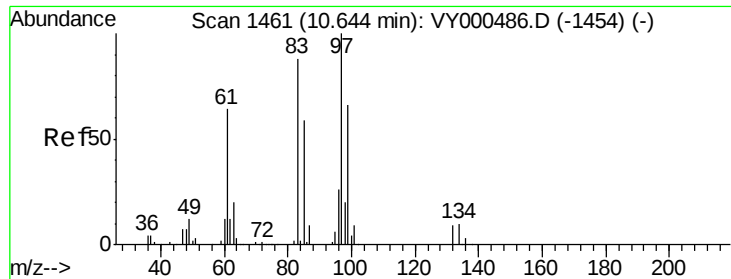
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#54
 cis-1,3-Dichloropropene
 Concen: 56.557 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 75 Resp: 317093
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7
 39 45.0 35.4 53.2





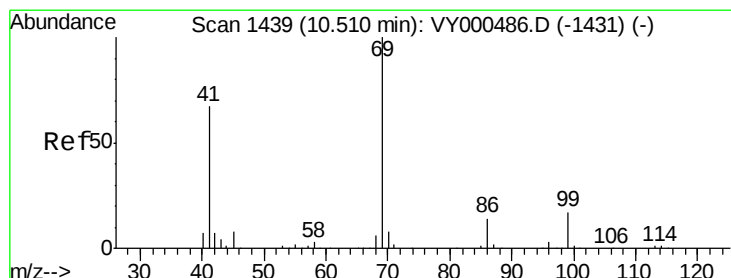
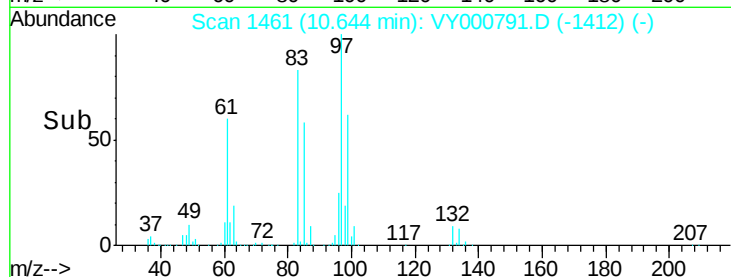
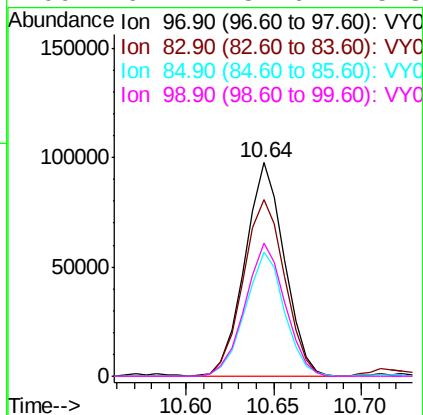
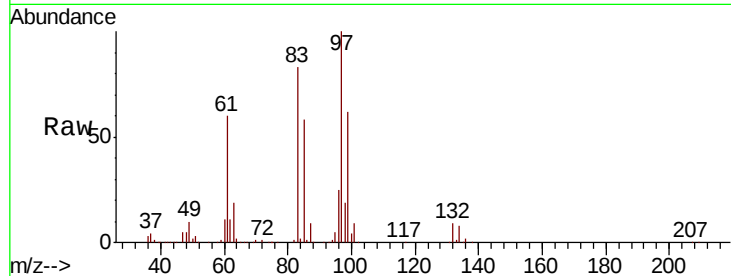
#55
 1,1,2-Trichloroethane
 Concen: 54.916 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	153327
Ion	Ratio	Lower	Upper
97	100		
83	82.5	70.2	105.4
85	58.4	46.9	70.3
99	62.4	52.6	78.8

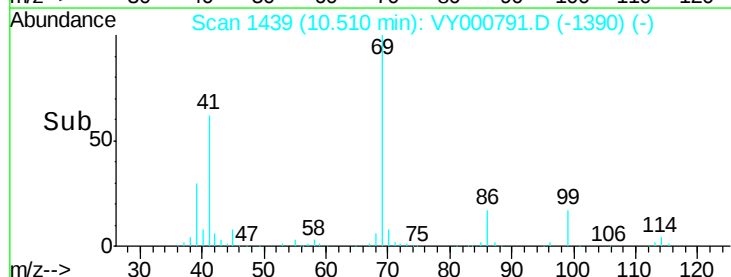
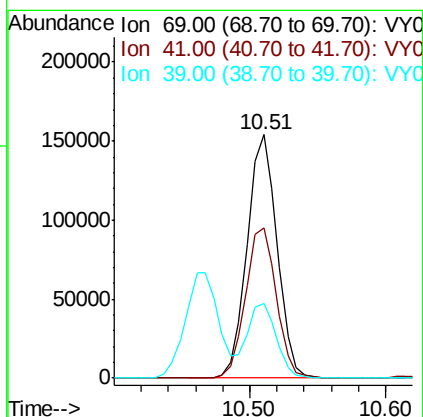
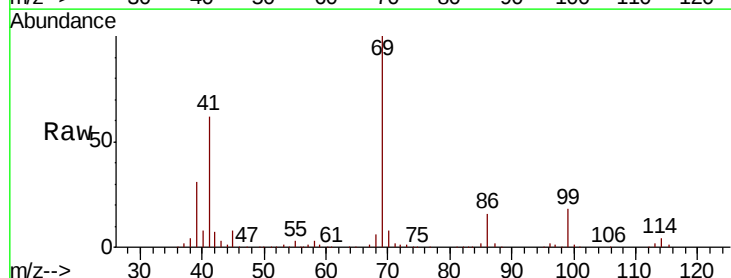
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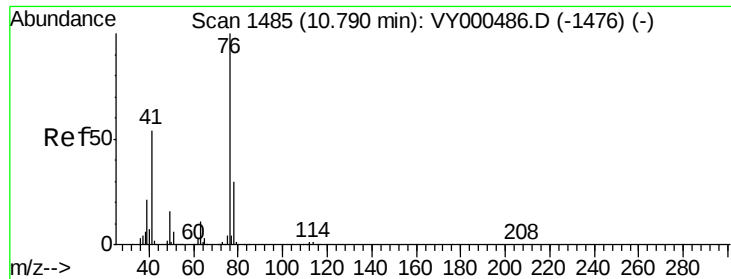
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#56
 Ethyl methacrylate
 Concen: 60.229 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion:	69	Resp:	238340
Ion	Ratio	Lower	Upper
69	100		
41	62.9	53.3	79.9
39	30.7	28.0	42.0





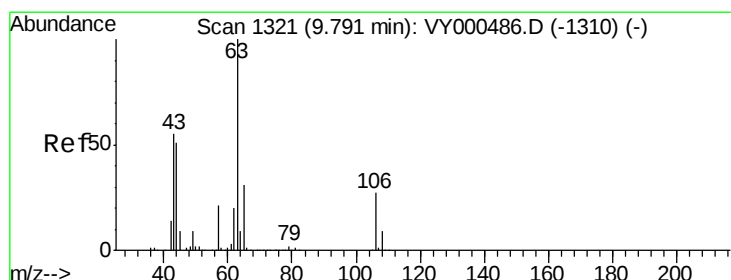
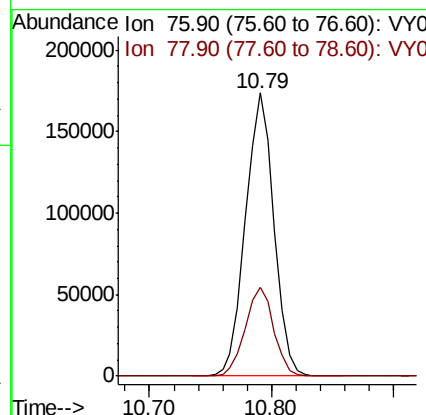
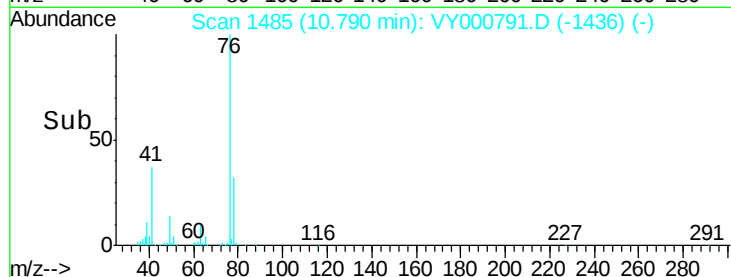
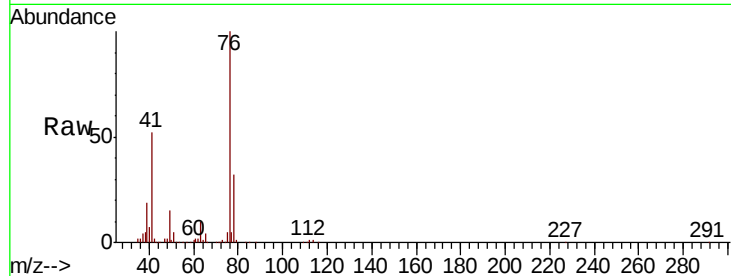
#57
 1,3-Dichloropropane
 Concen: 57.176 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 279400
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8

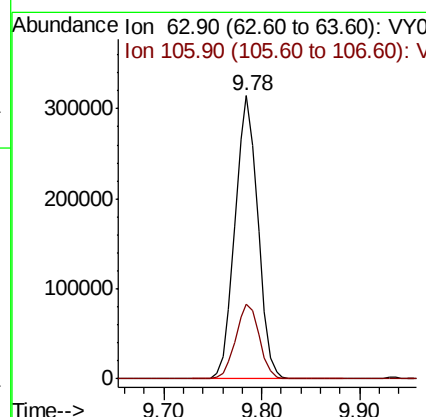
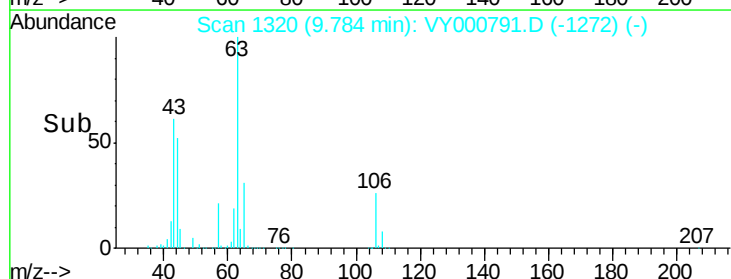
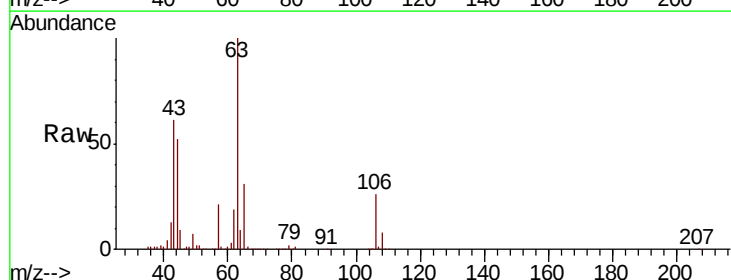
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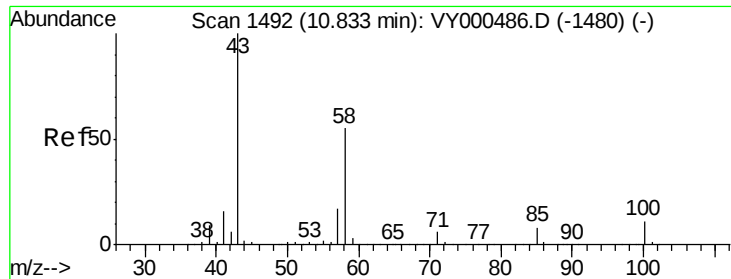
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 11/26/2019 1:34:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.319 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion: 63 Resp: 510442
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.6 33.8





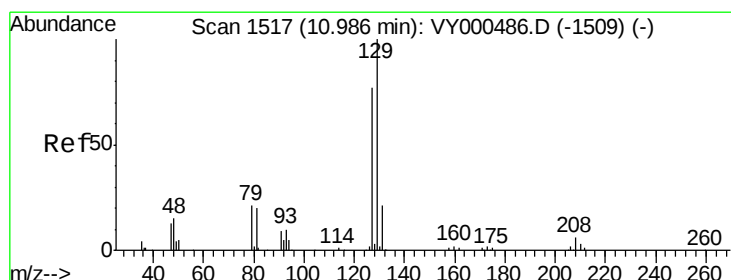
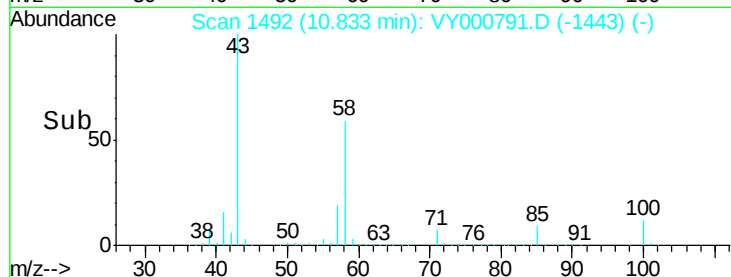
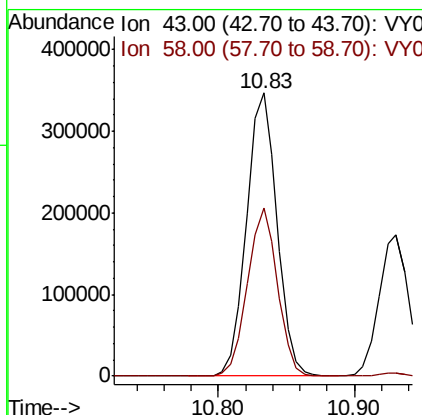
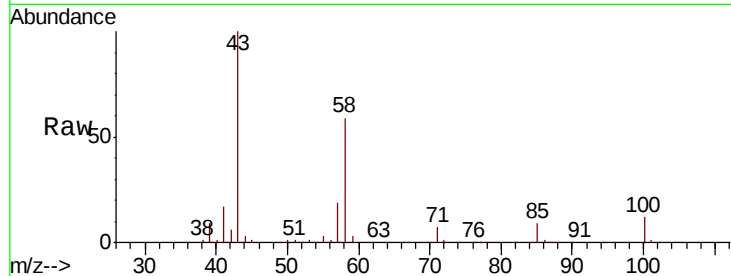
#59
2-Hexanone
Concen: 259.198 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 544723
Ion Ratio Lower Upper
43 100
58 58.4 27.1 81.3

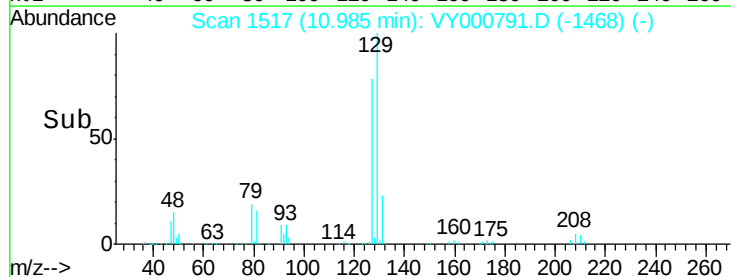
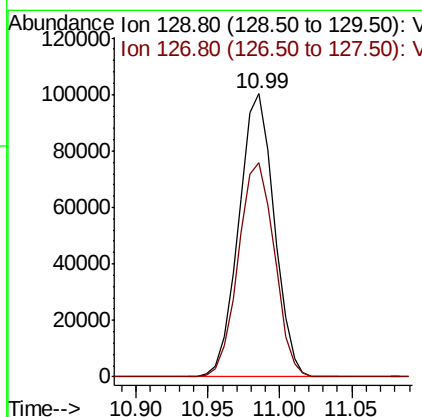
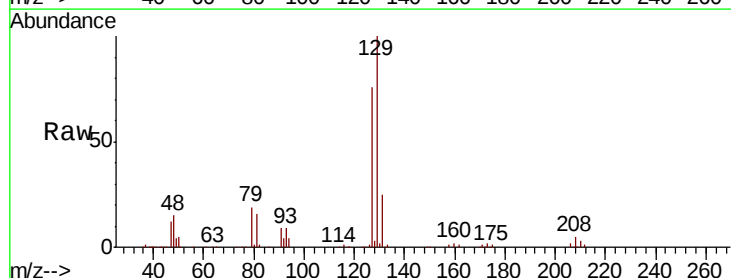
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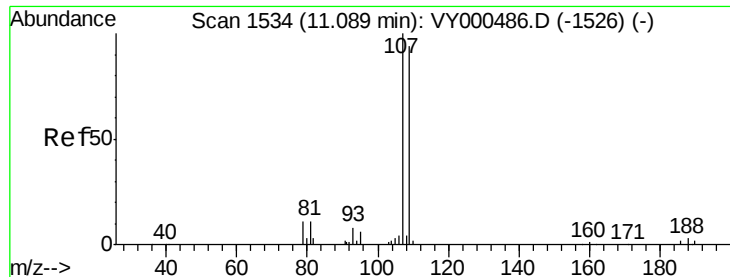
MMDadoda
11/26/2019 1:34:03 AM



#60
Dibromochloromethane
Concen: 53.530 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 129 Resp: 171192
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





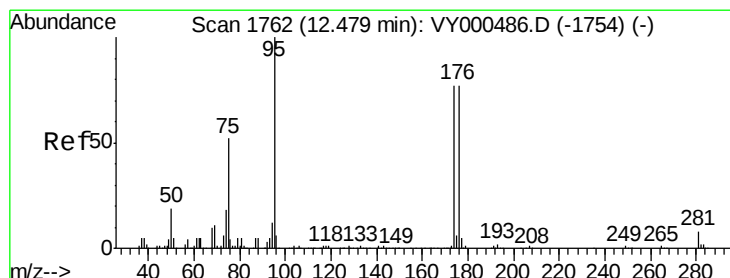
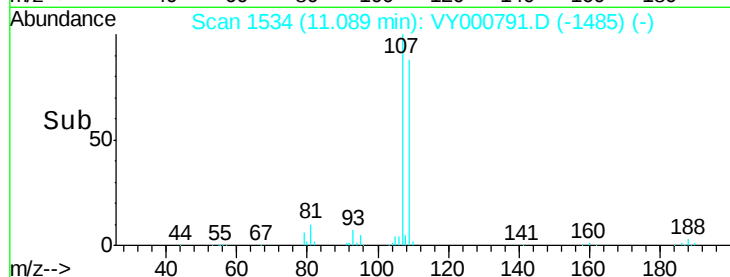
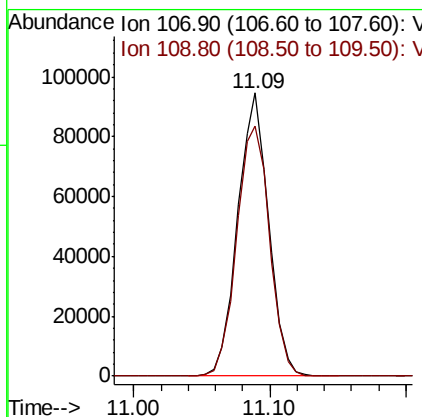
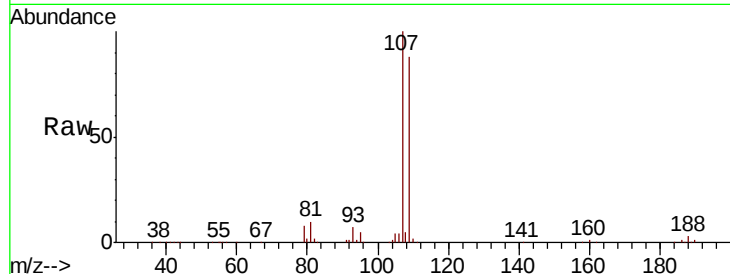
#61
 1,2-Dibromoethane
 Concen: 55.570 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.6	110.4

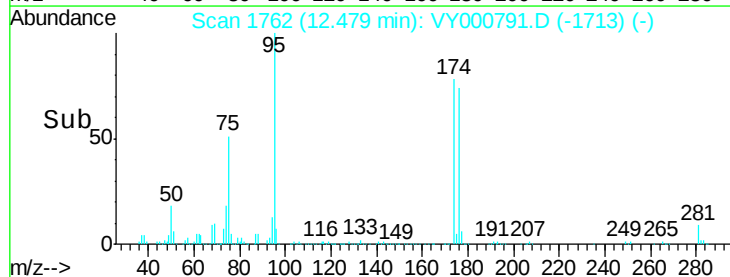
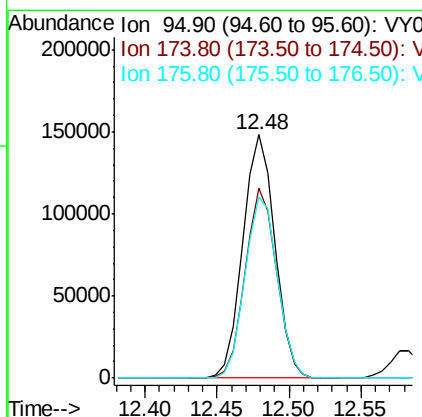
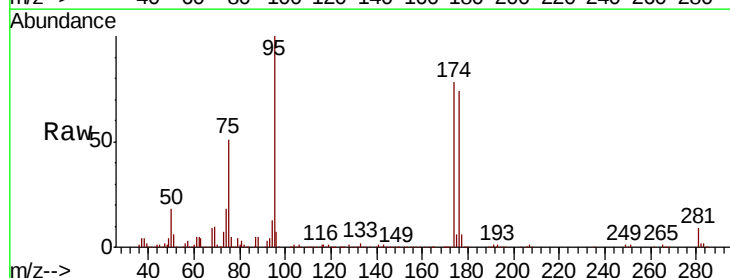
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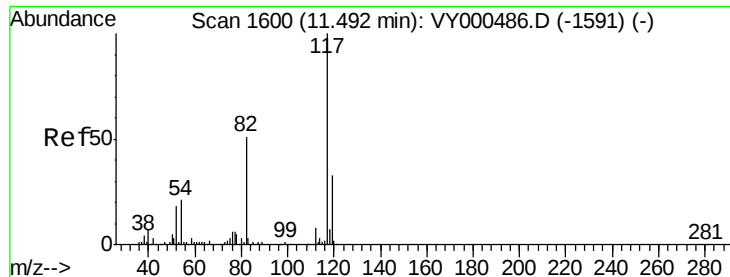
MMDadoda
 11/26/2019 1:34:03 AM



#62
 4-Bromofluorobenzene
 Concen: 52.363 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	161.6
176	75.1	0.0	157.8





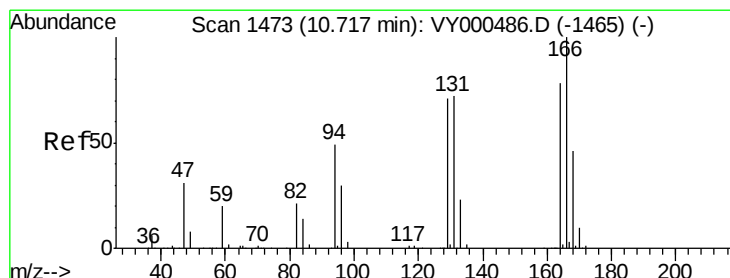
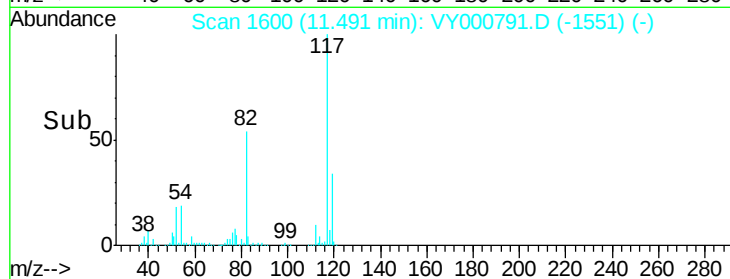
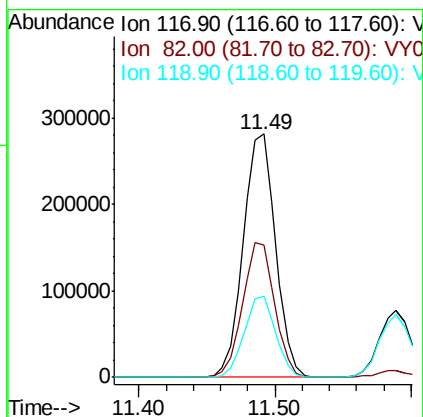
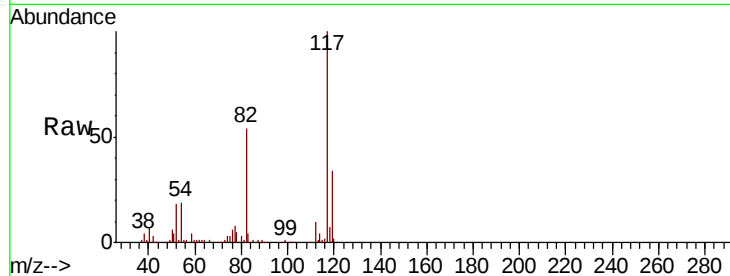
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.8	61.2
119	33.5	26.2	39.2

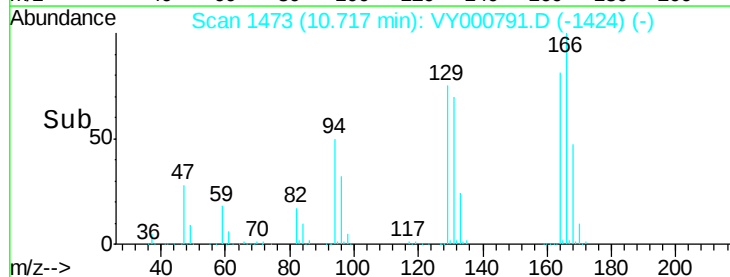
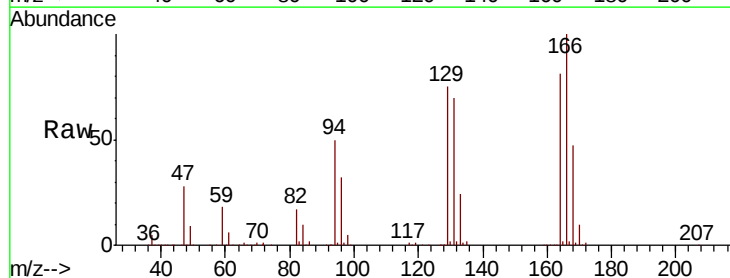
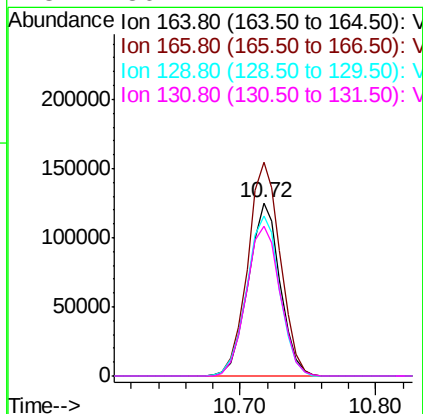
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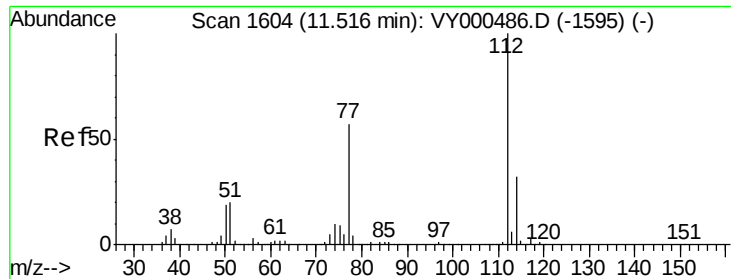
MMDadoda
11/26/2019 1:34:03 AM



#64
Tetrachloroethene
Concen: 53.240 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	102.7	154.1
129	92.3	73.2	109.8
131	86.2	74.2	111.2





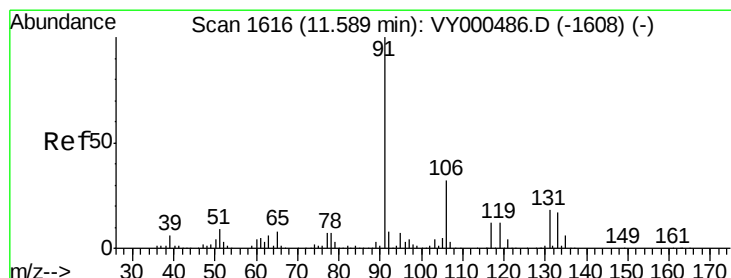
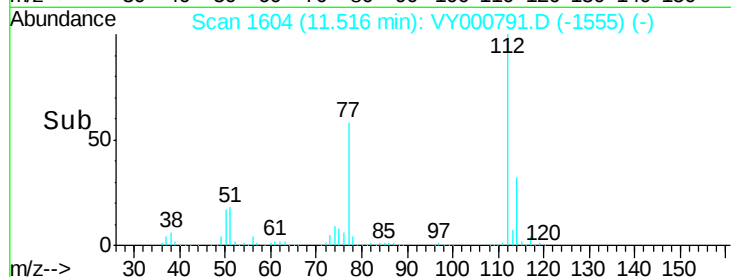
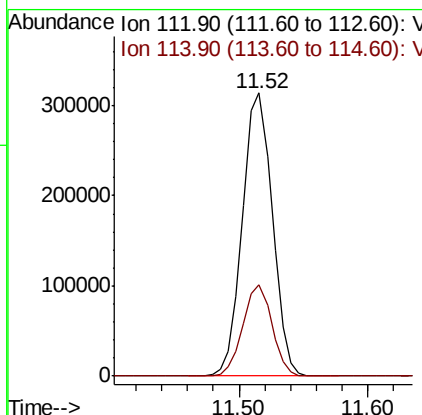
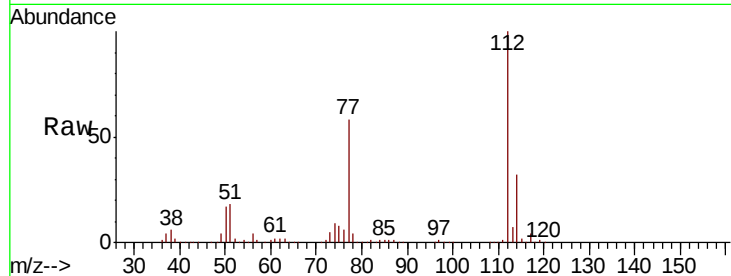
#65
Chlorobenzene
Concen: 53.250 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.3	37.9

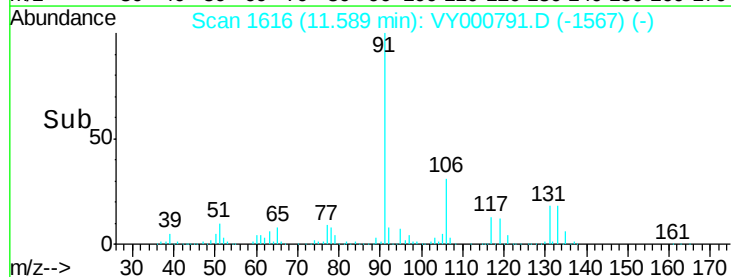
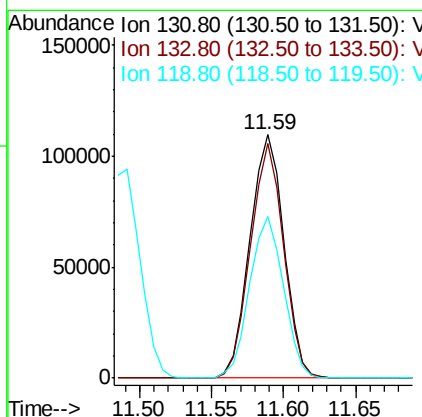
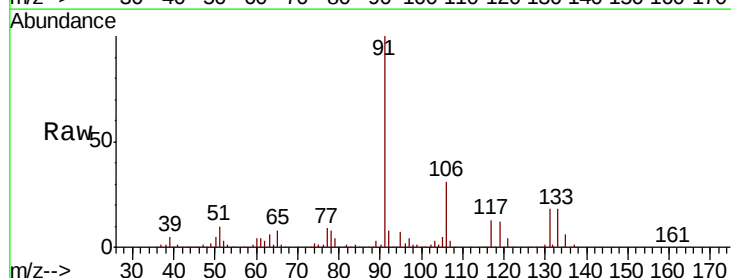
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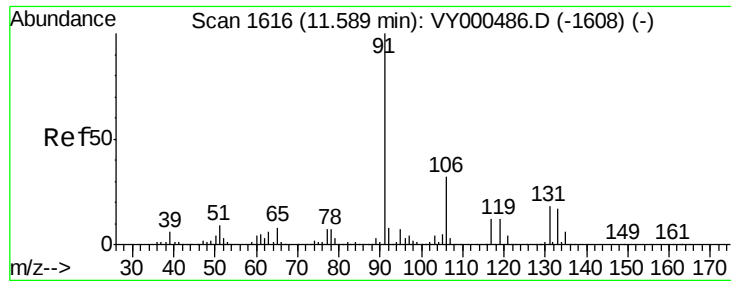
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.396 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.9	143.8
119	66.1	33.1	99.3





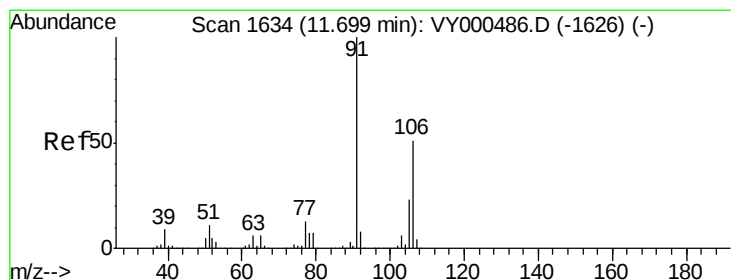
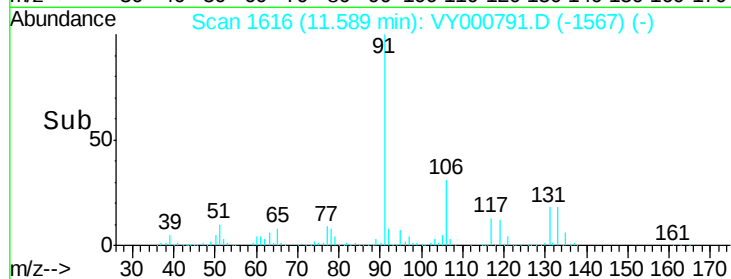
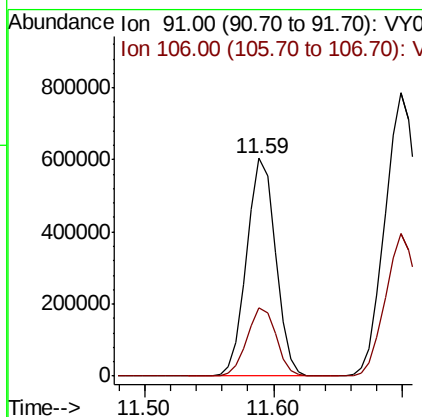
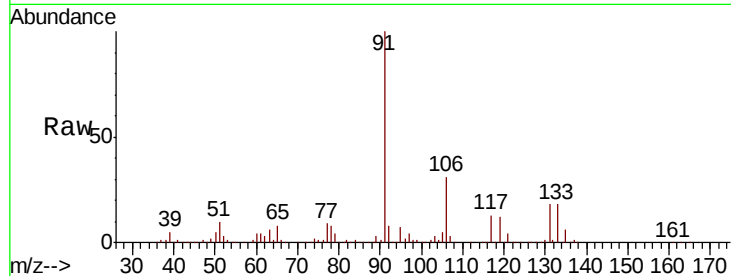
#67
Ethyl Benzene
Concen: 53.476 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 932501
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

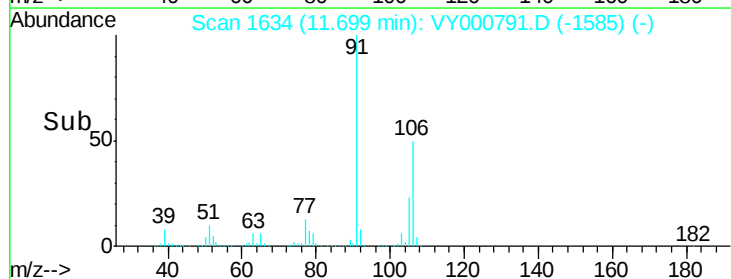
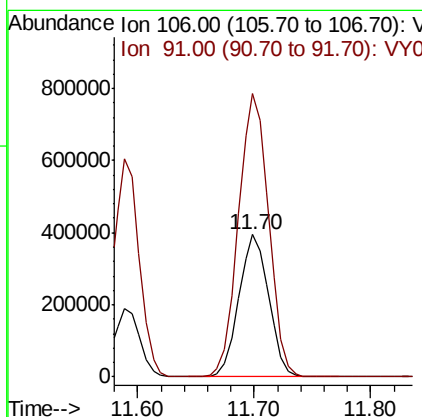
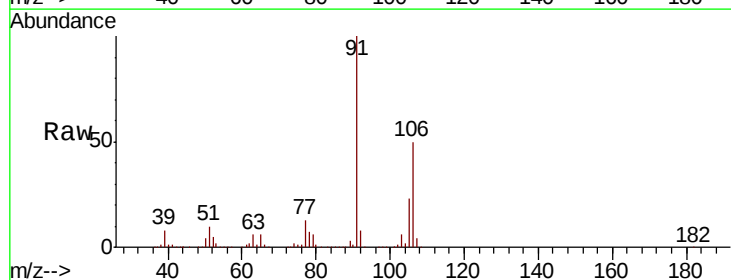
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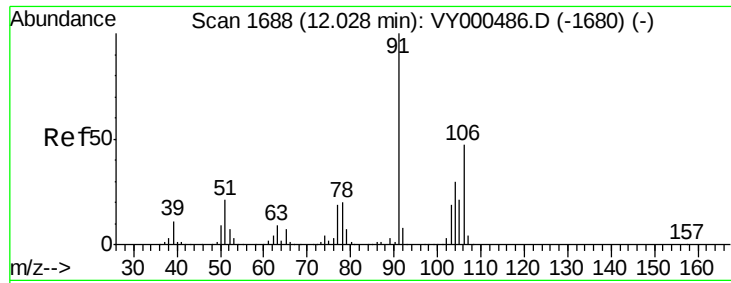
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#68
m/p-Xylenes
Concen: 103.946 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion: 106 Resp: 701534
Ion Ratio Lower Upper
106 100
91 202.3 155.9 233.9





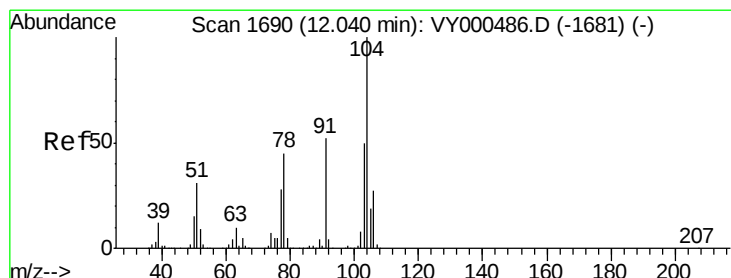
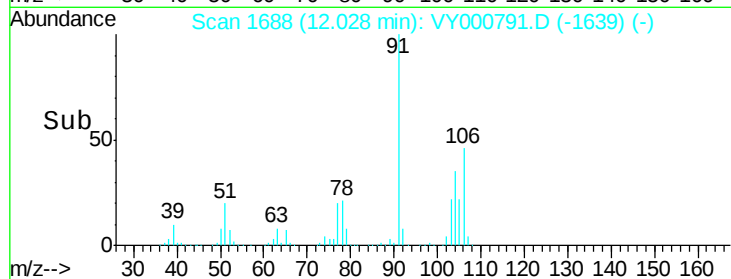
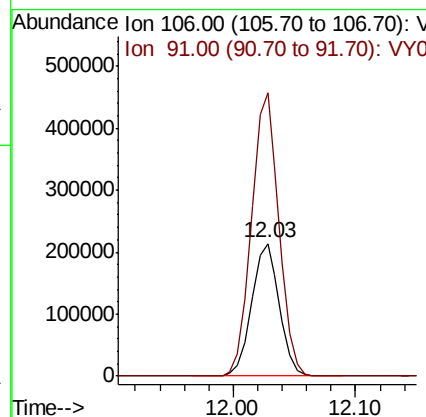
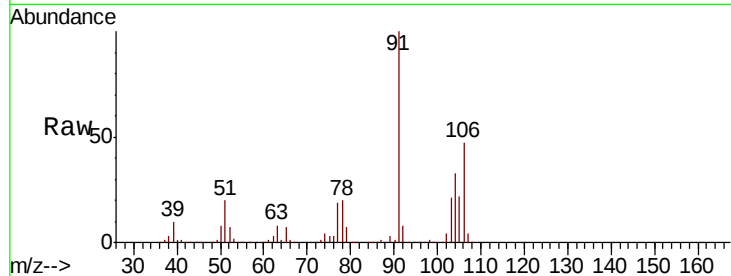
#69
o-Xylene
Concen: 52.561 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.4	106.5	333392		319.6

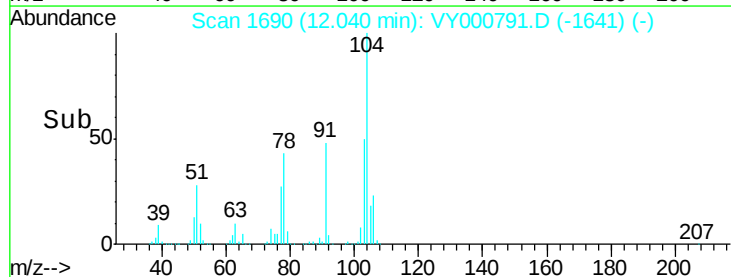
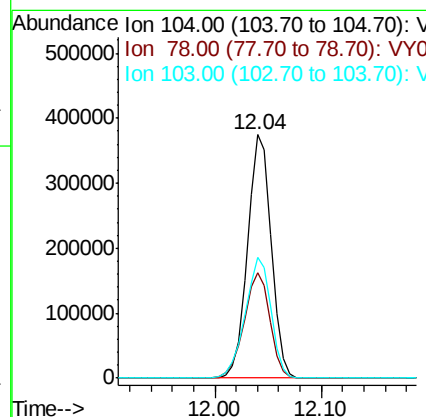
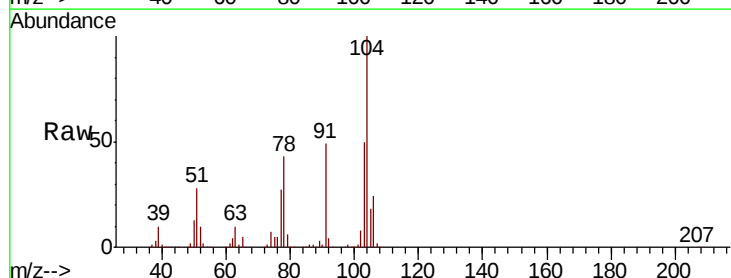
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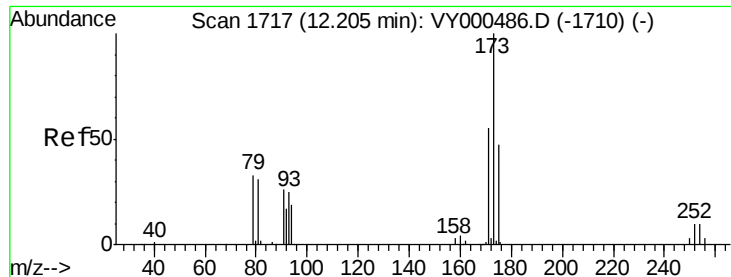
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#70
Styrene
Concen: 53.788 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.3	39.0	584218		58.4
103	53.9	42.5			63.7





#71

Bromoform

Concen: 53.448 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

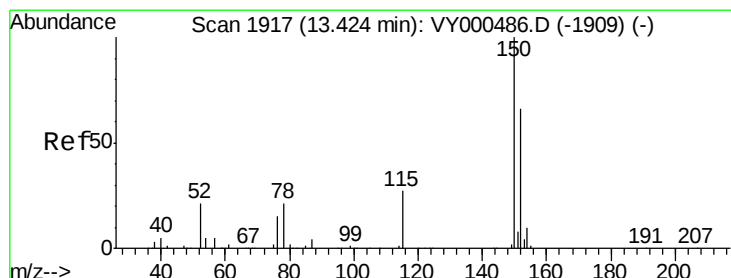
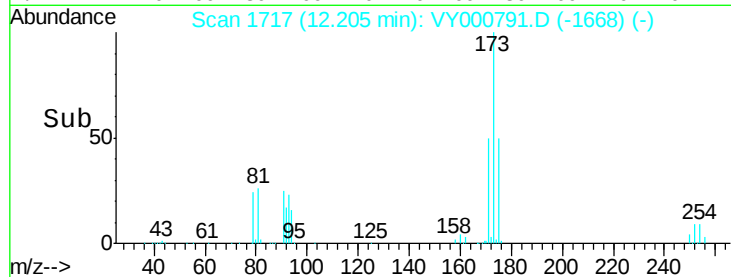
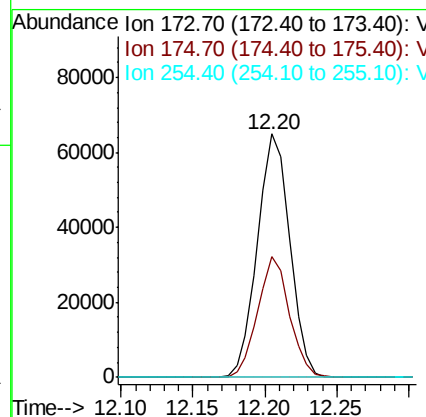
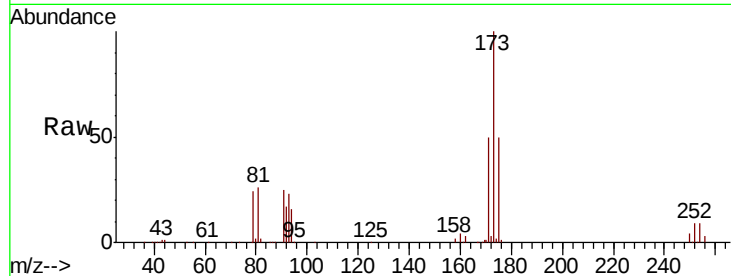
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

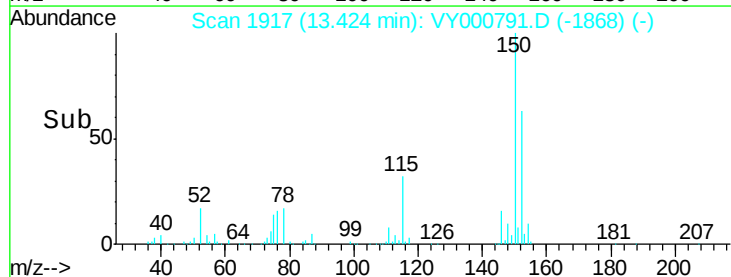
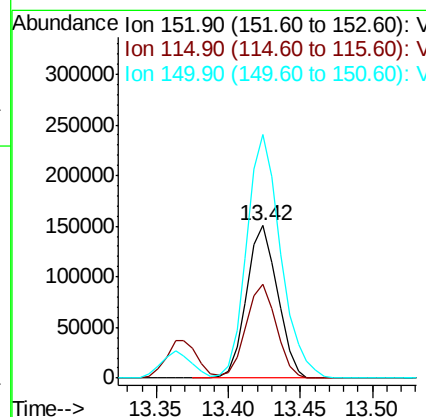
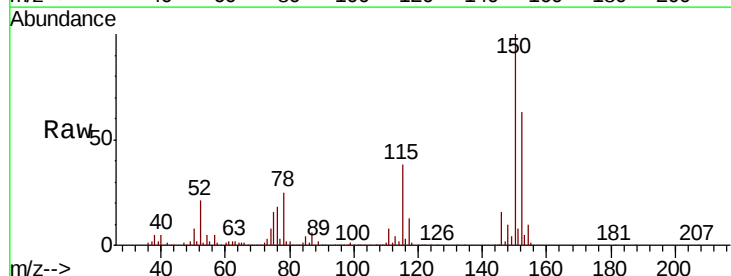
RT: 13.42 min Scan# 1917

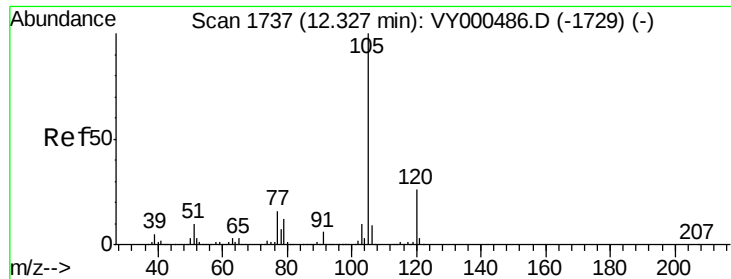
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.1	87.4
150	174.4	0.0	348.8





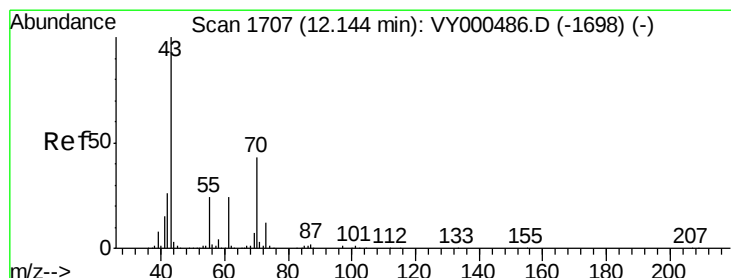
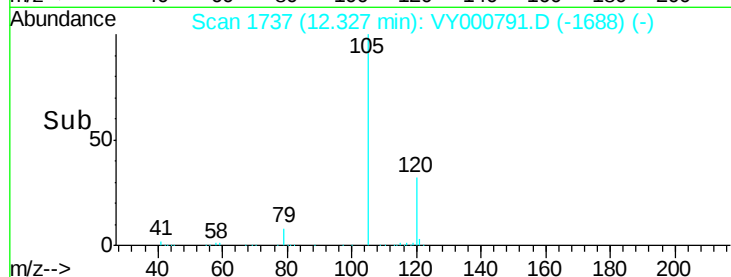
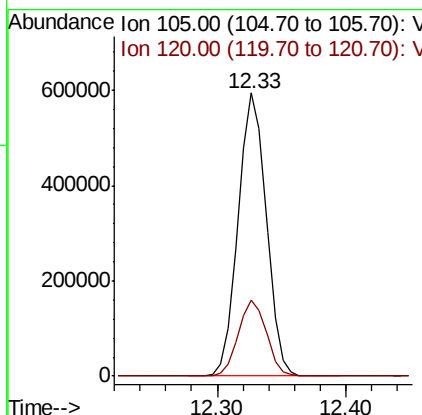
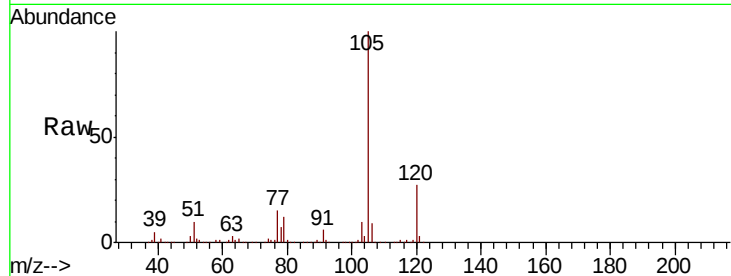
#73
Isopropylbenzene
Concen: 54.364 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.4

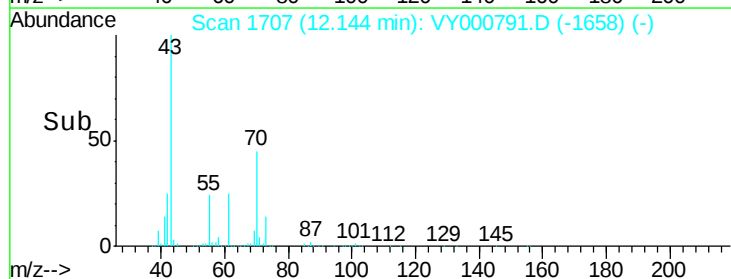
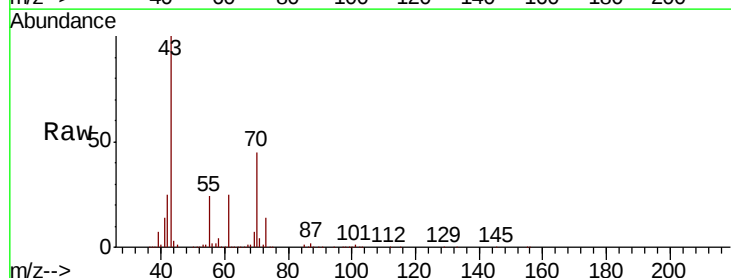
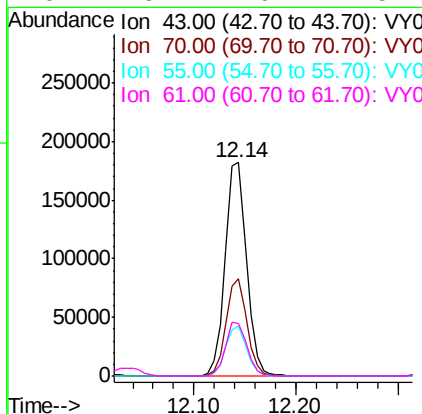
Manual Integrations
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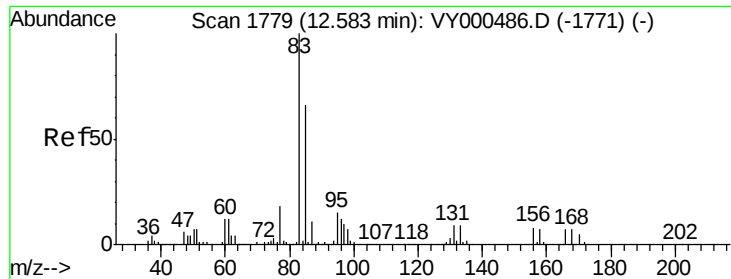
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#74
N-ethyl acetate
Concen: 55.882 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.0	33.1	49.7
55	23.0	18.0	27.0
61	25.1	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 56.366 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

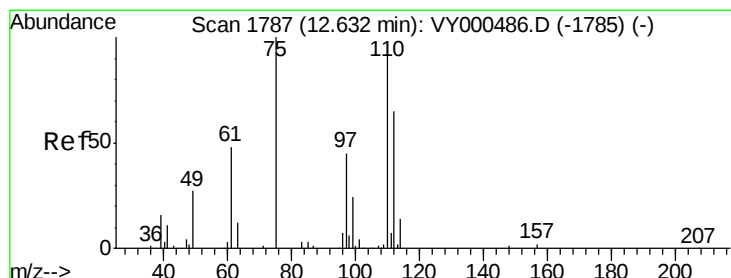
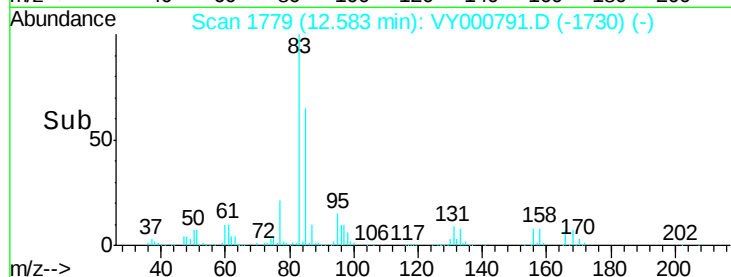
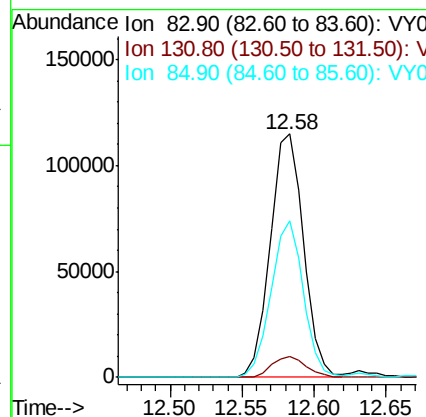
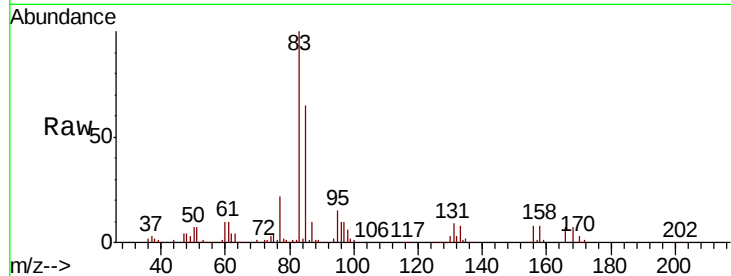
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184748
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.0	14.9
85	62.4	32.3	96.9

Manual Integrations
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11/26/2019 1:34:03 AM



#76

1,2,3-Trichloropropane

Concen: 52.556 ug/l m

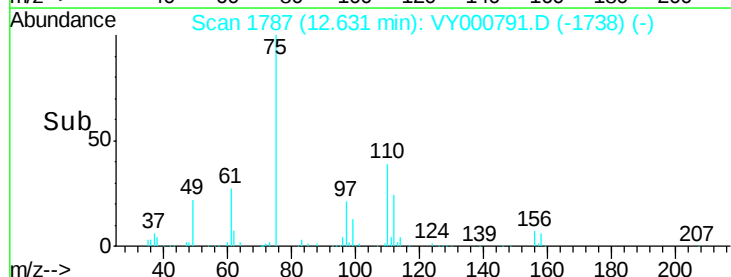
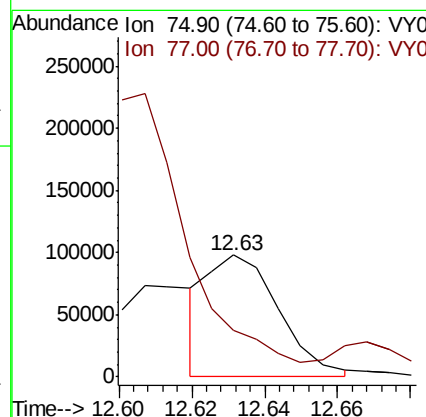
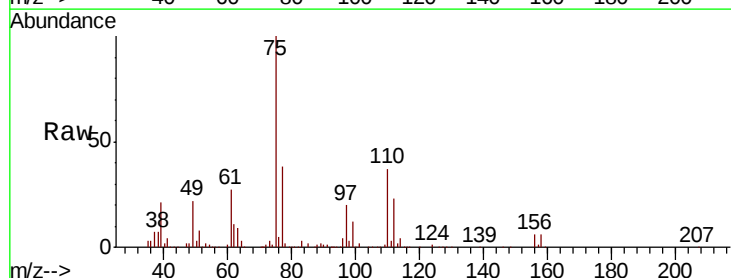
RT: 12.63 min Scan# 1787

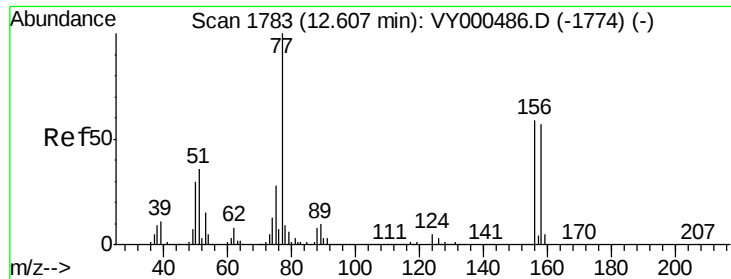
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion:	75	Resp:	134032
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.223 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

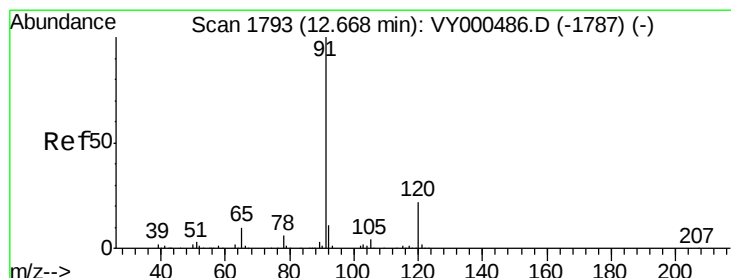
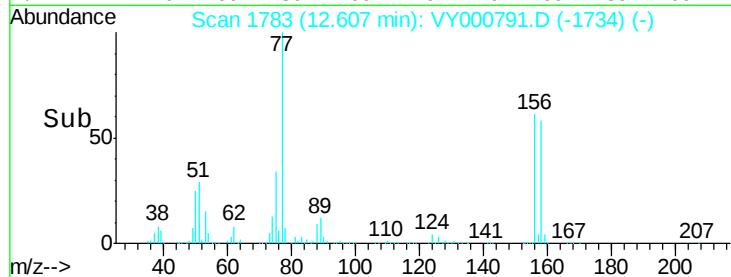
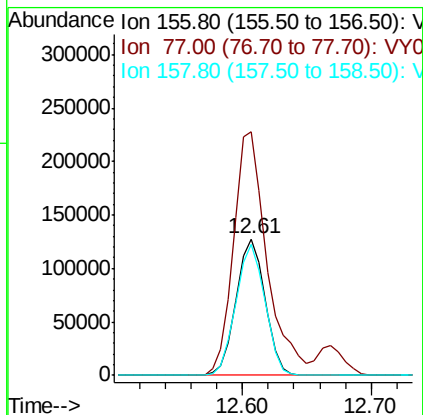
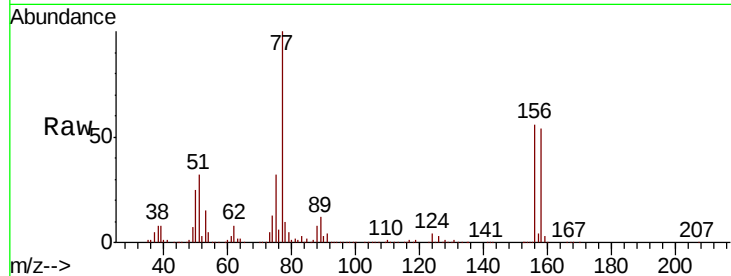
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	199792
Ion Ratio	Lower	Upper	
156	100		
77	205.8	98.2	294.4
158	96.0	49.6	149.0

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#78

n-propylbenzene

Concen: 54.950 ug/l

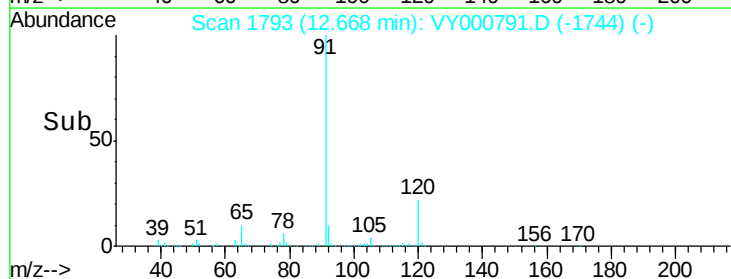
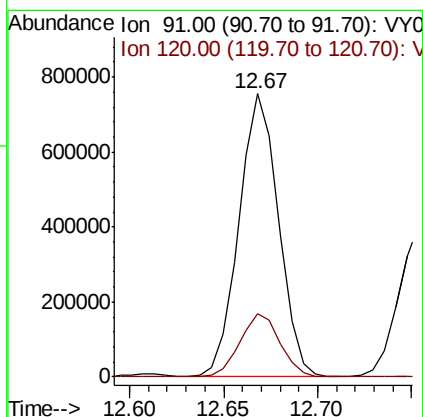
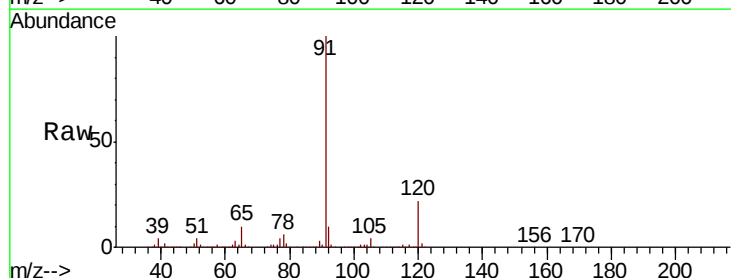
RT: 12.67 min Scan# 1793

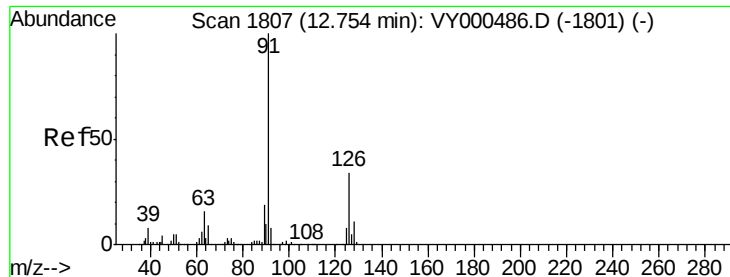
Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Tgt Ion:	91	Resp:	1097529
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 54.460 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 603874

Ion Ratio Lower Upper

91 100

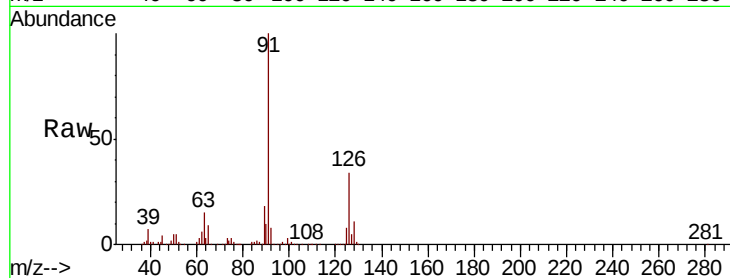
126 34.1 17.7 53.1

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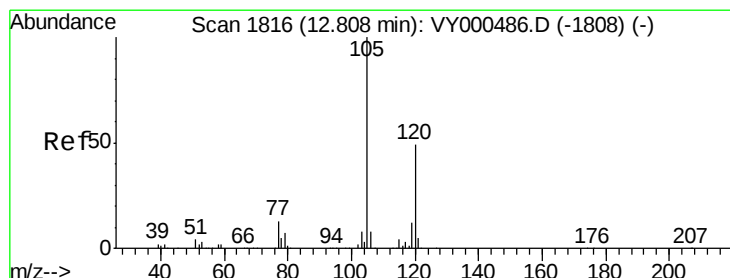
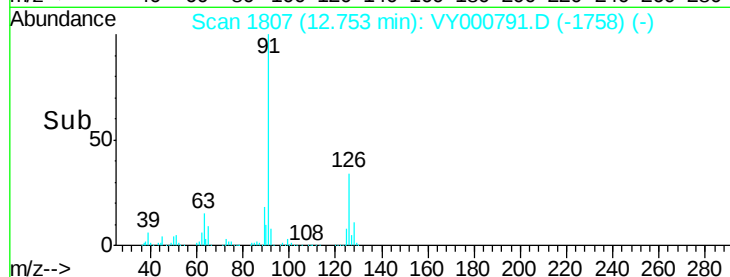
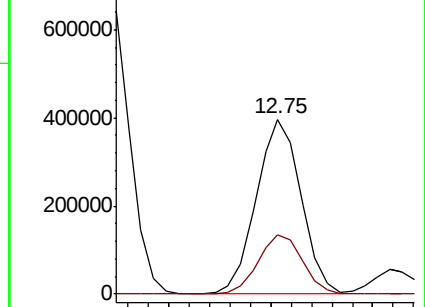
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Abundance Ion 91.00 (90.70 to 91.70): VY000791.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000791.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.571 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000791.D

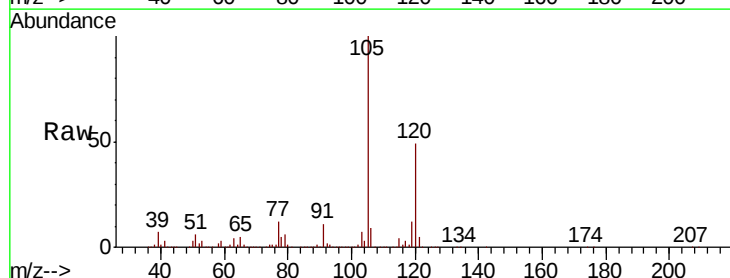
Acq: 22 Nov 2019 17:06

Tgt Ion: 105 Resp: 752355

Ion Ratio Lower Upper

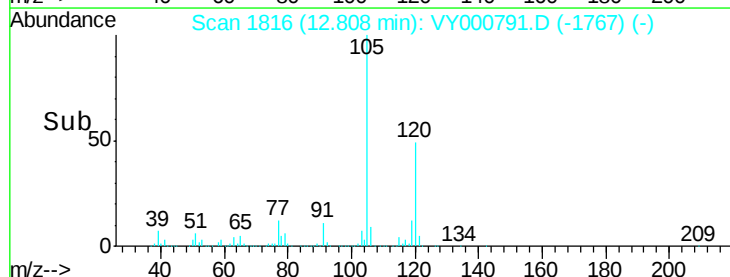
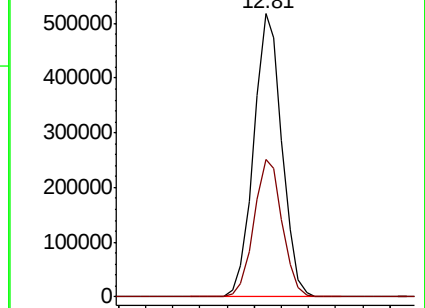
105 100

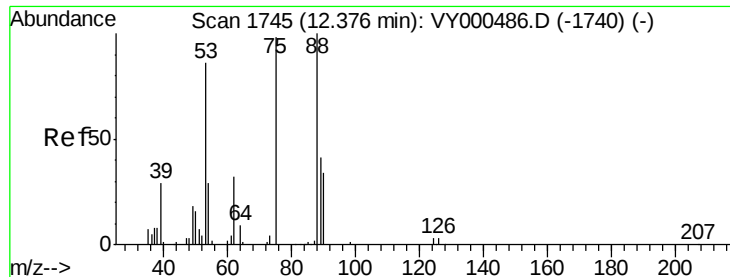
120 48.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000791.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000791.D (-1767) (-)





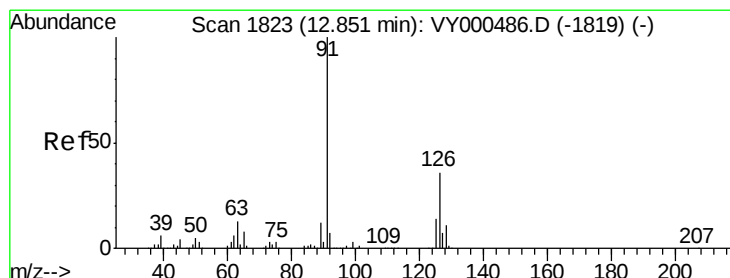
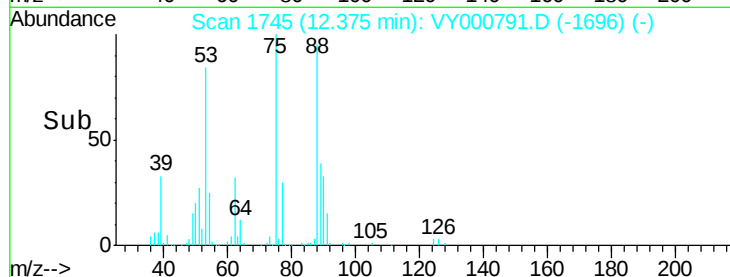
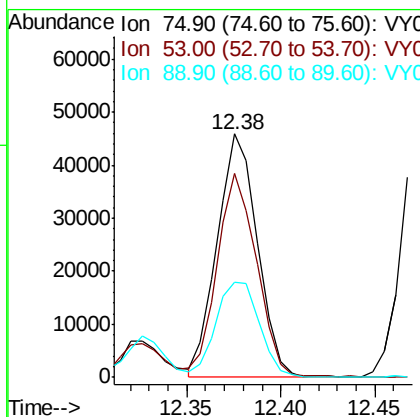
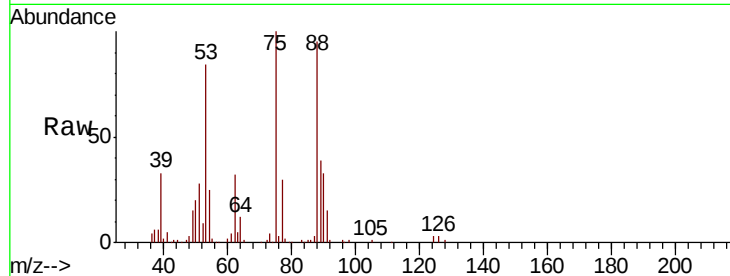
#81
trans-1,4-Dichloro-2-butene
Concen: 59.490 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.6	73.2	109.8
89	42.5	35.9	53.9

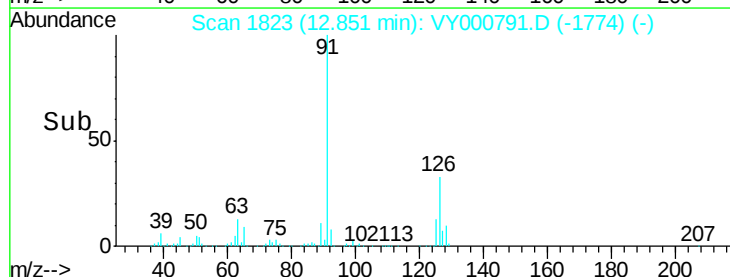
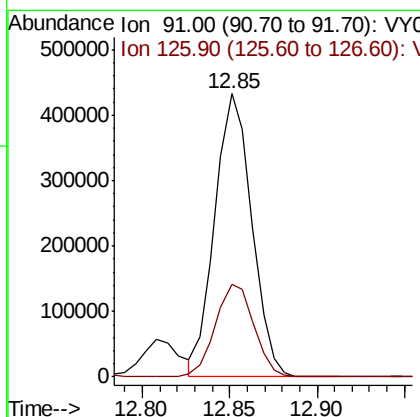
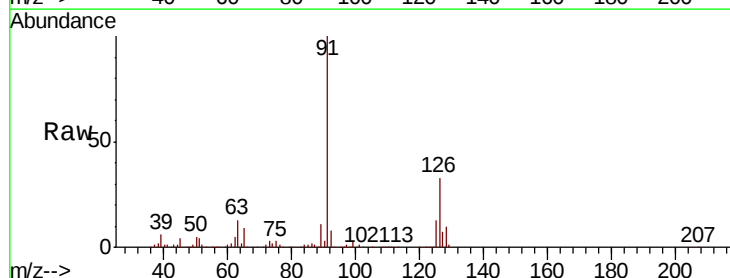
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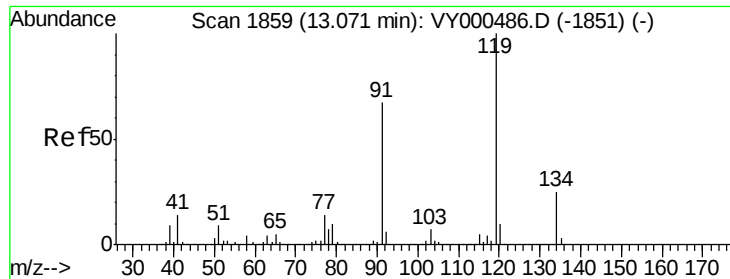
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#82
4-Chlorotoluene
Concen: 55.433 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.6	52.9





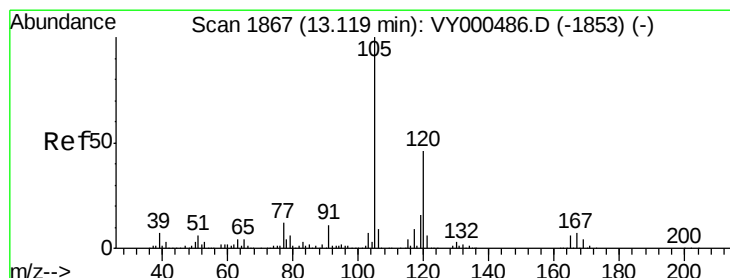
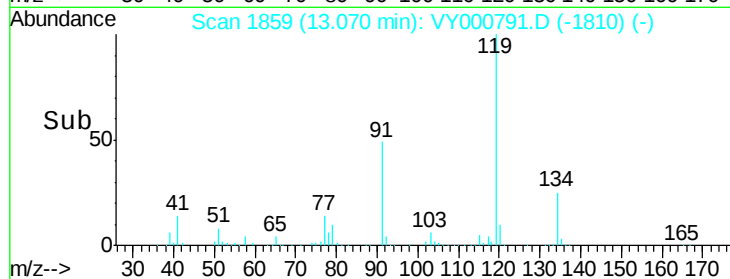
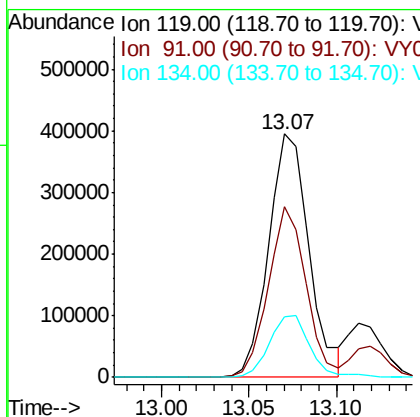
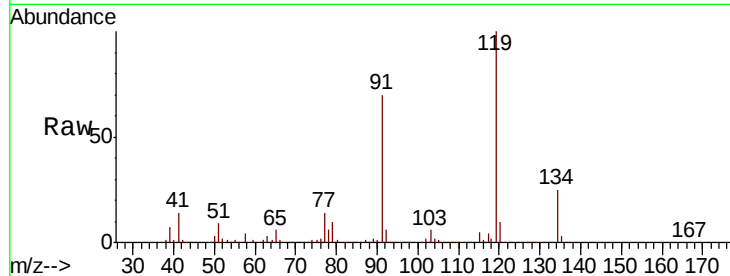
#83
tert-Butylbenzene
Concen: 54.034 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.1	96.3
134	25.8	13.2	39.5

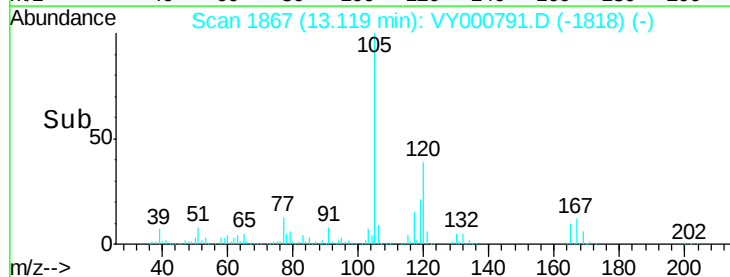
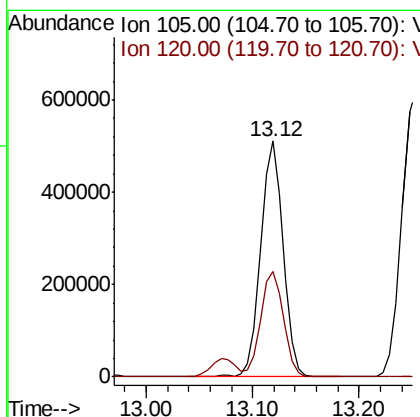
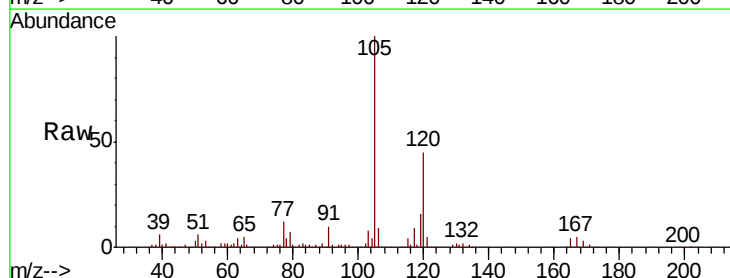
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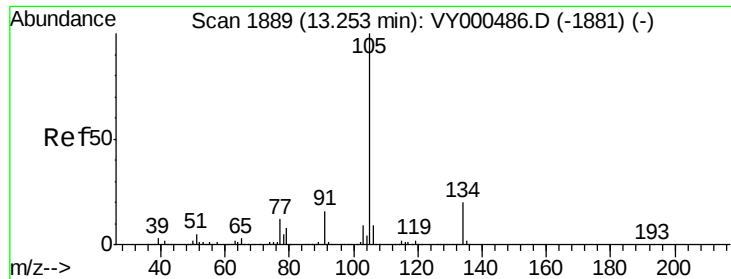
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#84
1,2,4-Trimethylbenzene
Concen: 55.140 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.3	69.9





#85

sec-Butylbenzene

Concen: 54.661 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 916719

Ion Ratio Lower Upper

105 100

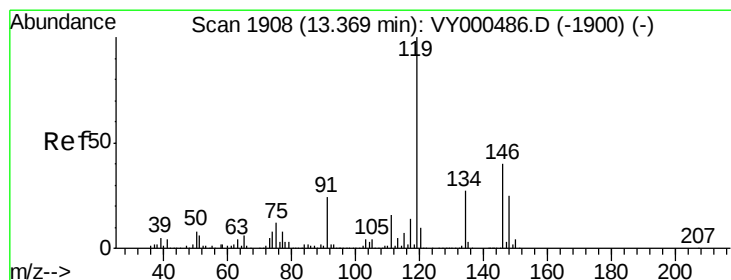
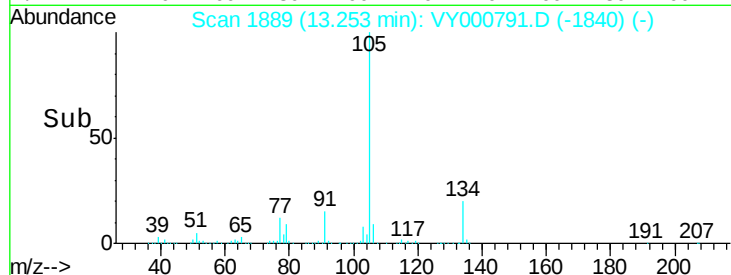
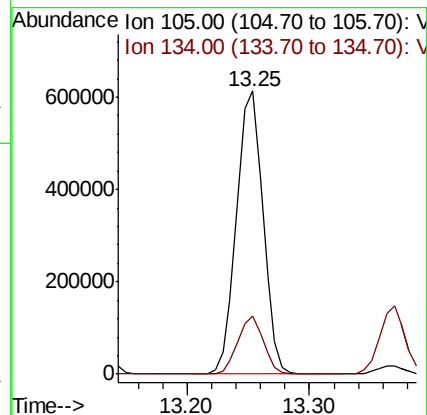
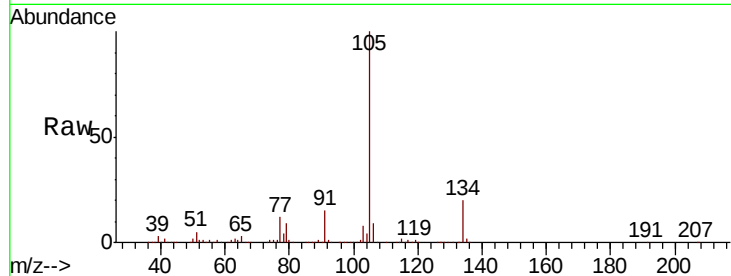
134 19.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 53.306 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000791.D

Acq: 22 Nov 2019 17:06

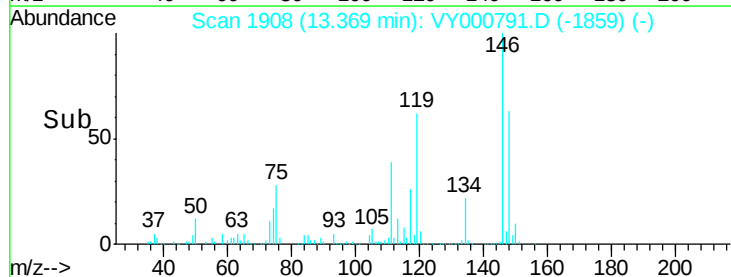
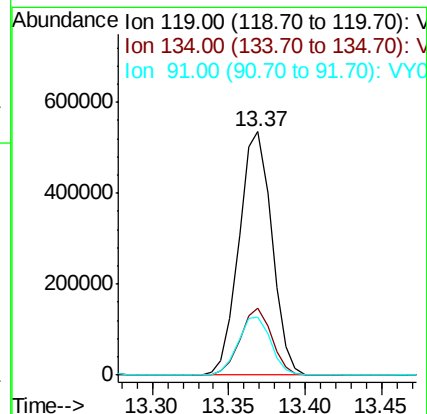
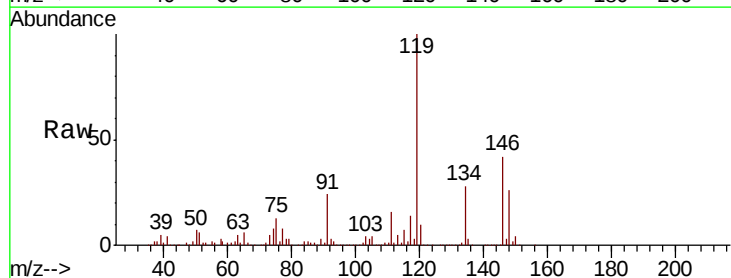
Tgt Ion:119 Resp: 796789

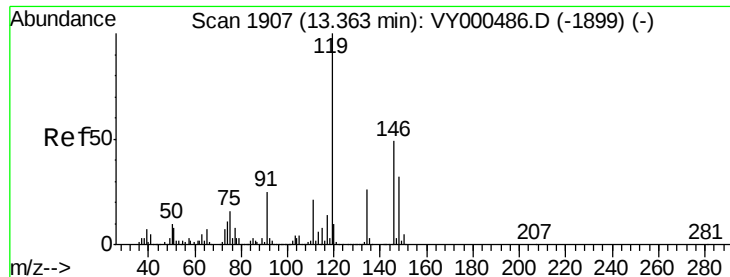
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 23.6 12.0 36.1





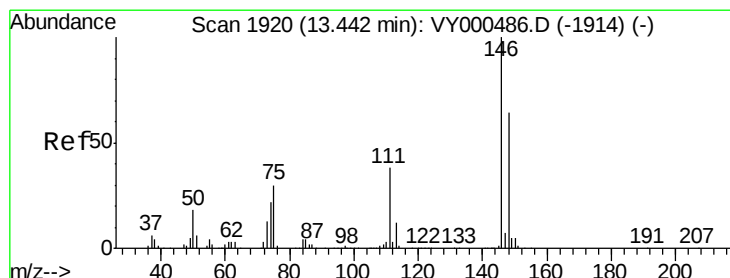
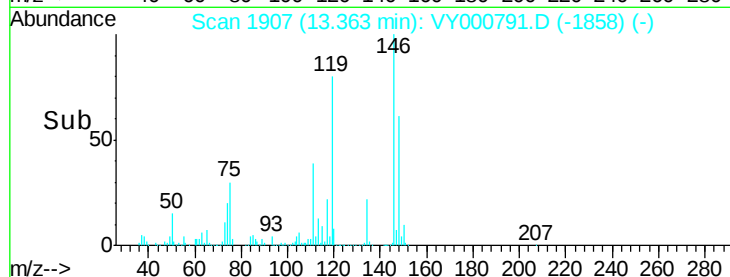
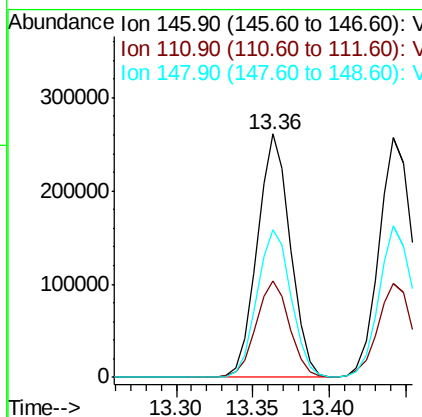
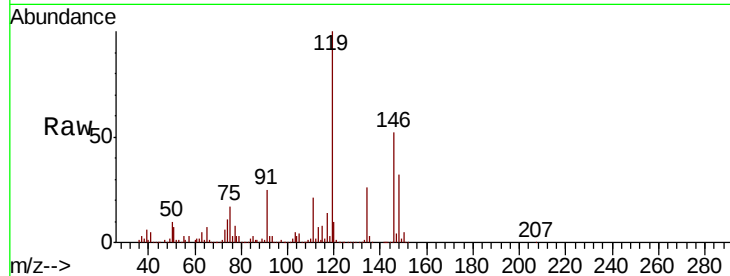
#87
 1,3-Dichlorobenzene
 Concen: 53.434 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	392882		
111	39.9	20.3	60.8	
148	62.4	31.5	94.5	

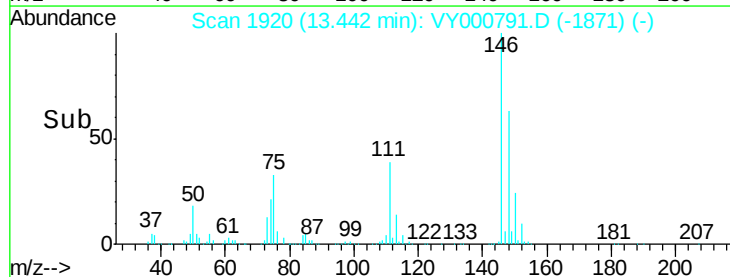
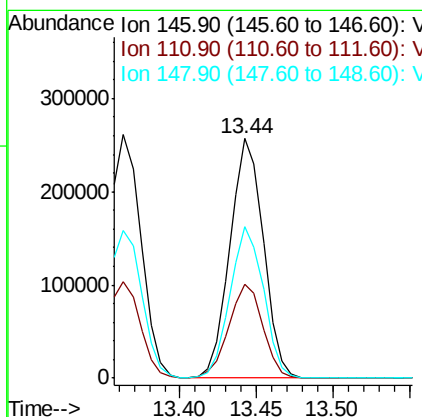
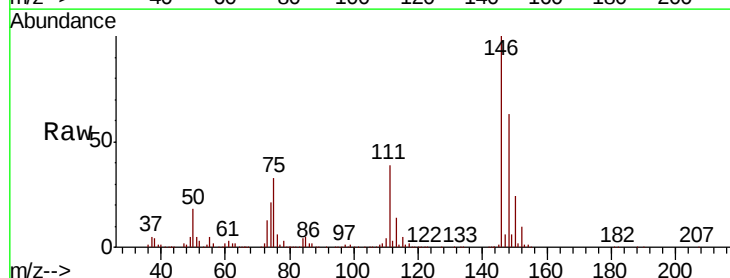
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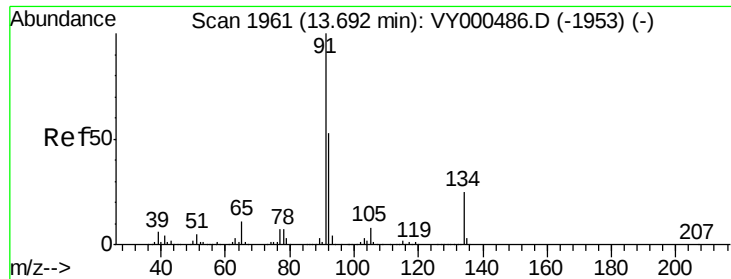
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#88
 1,4-Dichlorobenzene
 Concen: 53.022 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389566		
111	40.0	19.7	59.0	
148	63.1	31.9	95.7	





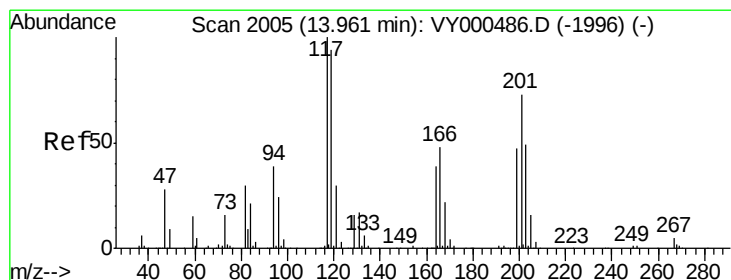
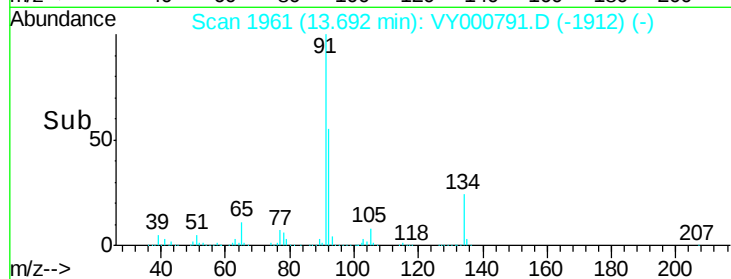
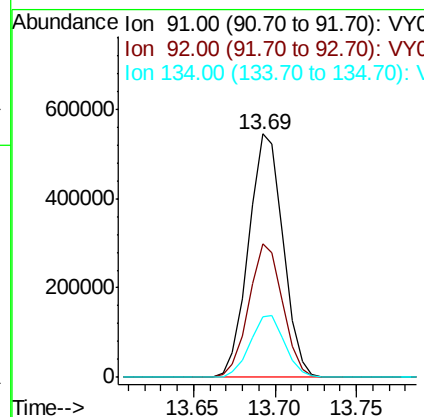
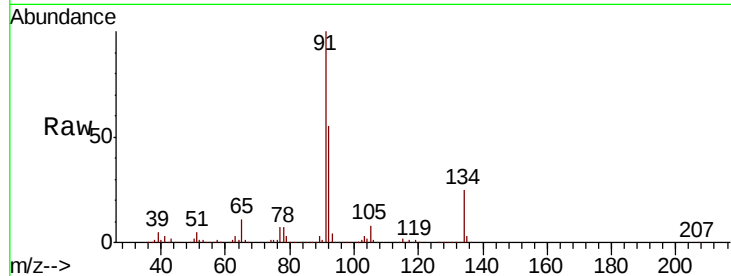
#89
n-Butylbenzene
Concen: 54.360 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.3
134	25.6	12.9	38.7

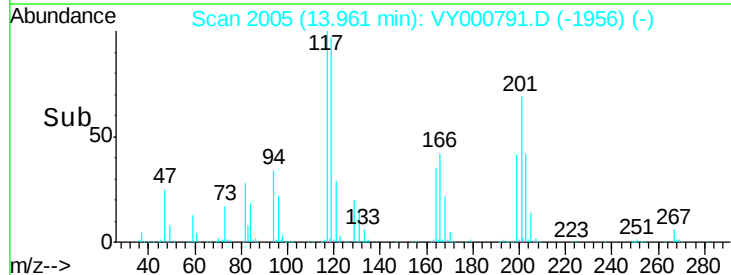
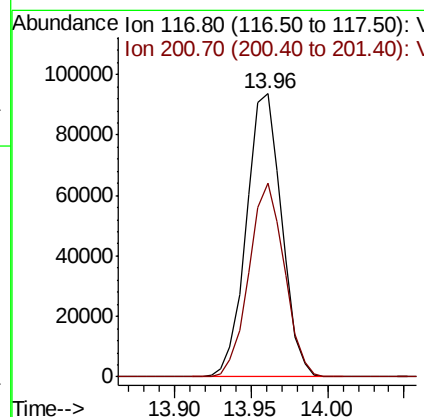
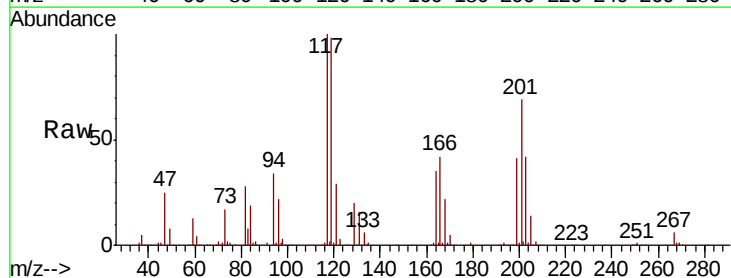
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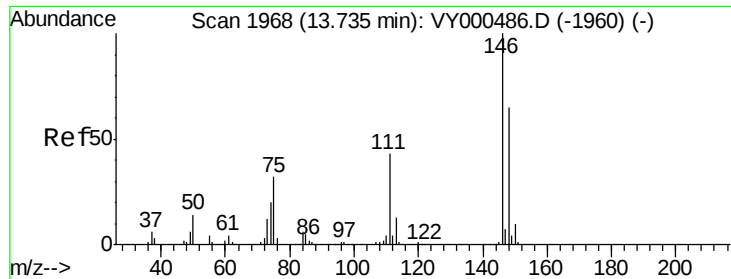
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#90
Hexachloroethane
Concen: 54.419 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	35.8	107.3





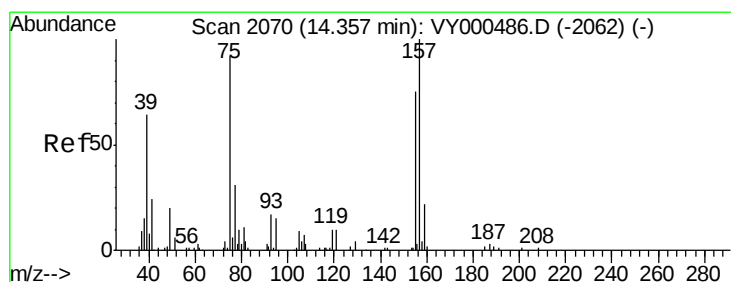
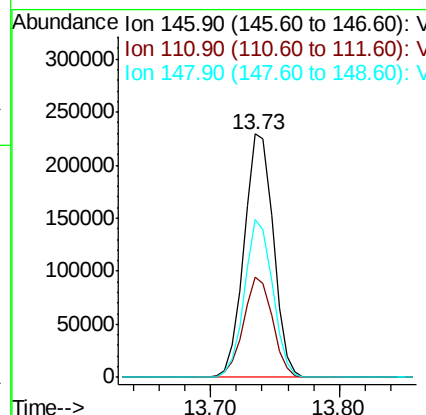
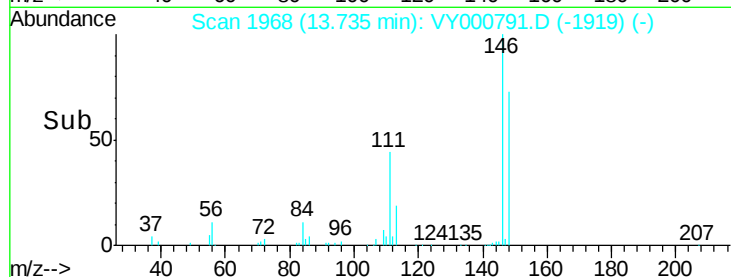
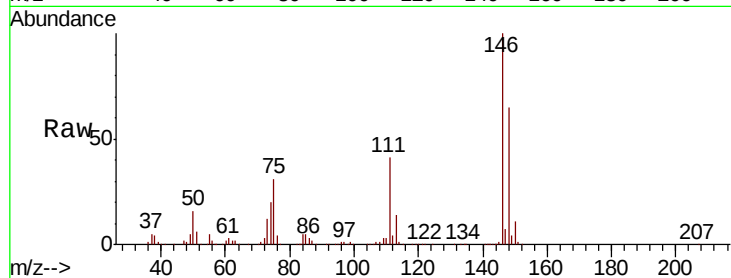
#91
 1,2-Dichlorobenzene
 Concen: 53.722 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	62.6	31.7	95.1

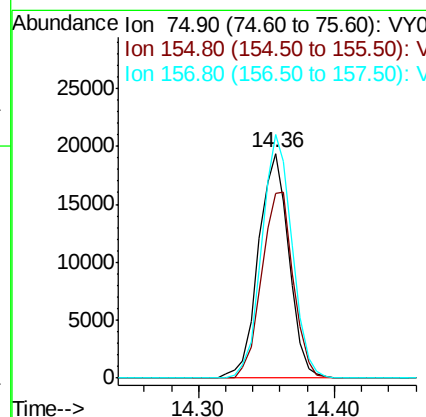
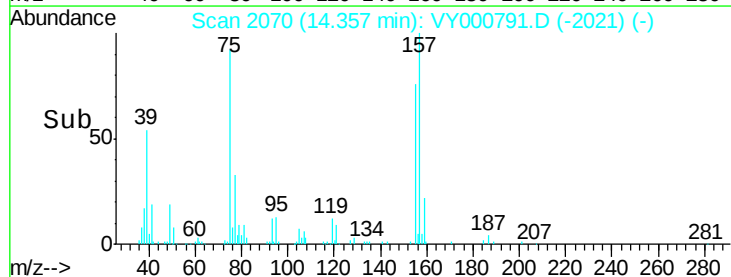
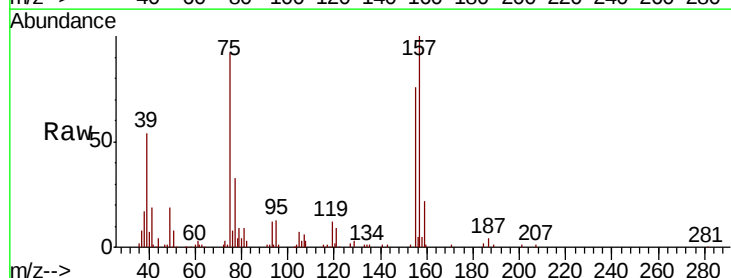
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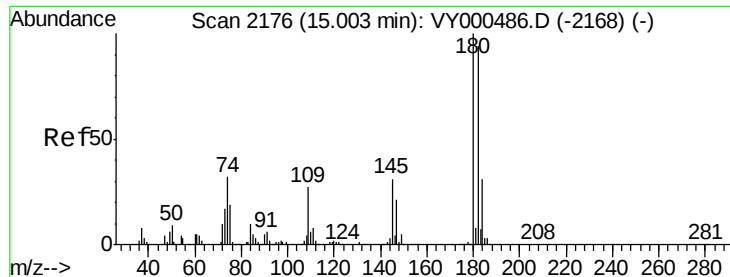
MMDadoda
 11/26/2019 1:34:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.749 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.4	127.1
157	107.1	55.1	165.3





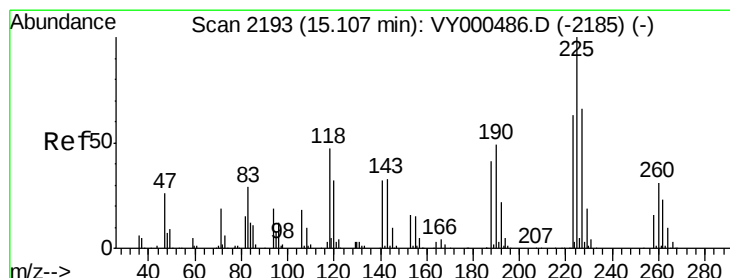
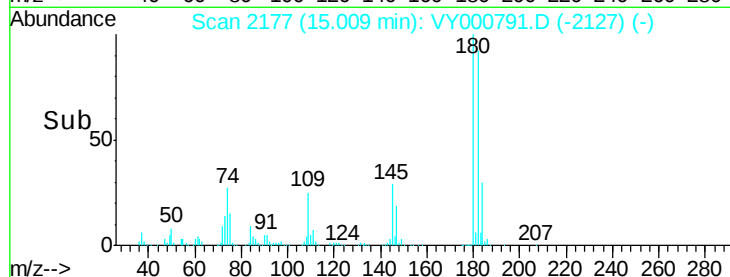
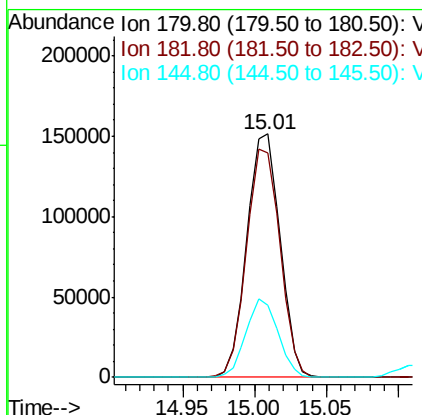
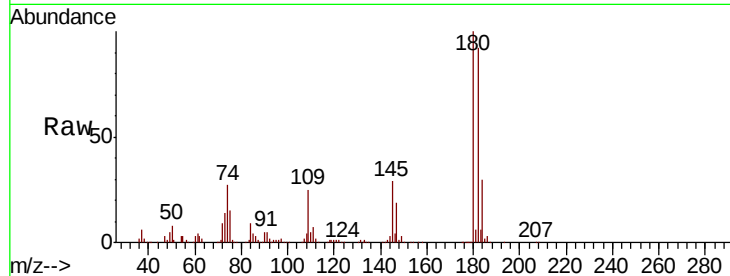
#93
 1,2,4-Trichlorobenzene
 Concen: 53.153 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	241442		
182	94.5	47.8	143.4	
145	31.1	16.0	47.9	

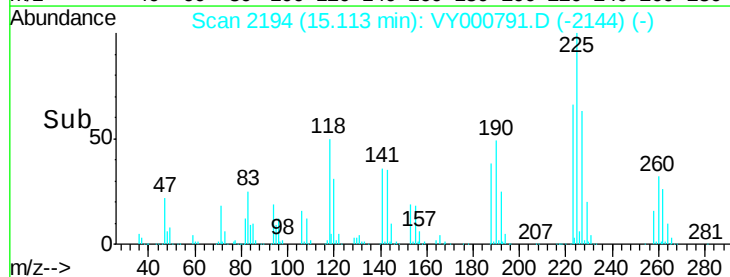
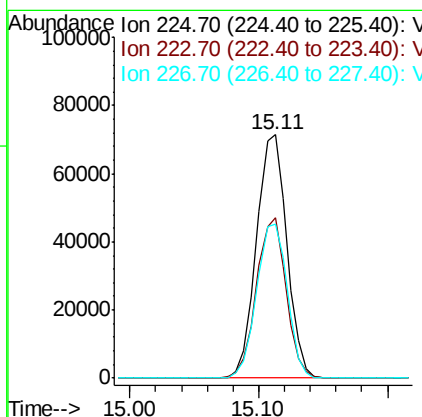
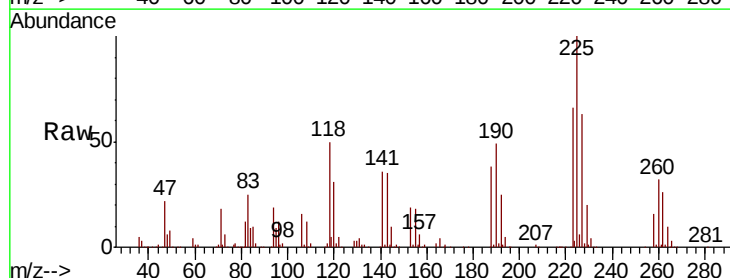
Manual Integrations
 APPROVED

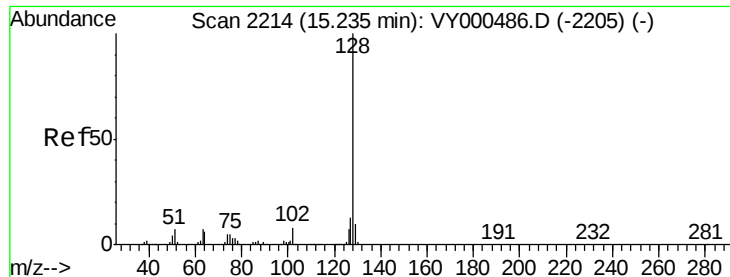
MMDadoda
 11/26/2019 1:34:03 AM



#94
 Hexachlorobutadiene
 Concen: 49.498 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000791.D
 Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115899		
223	64.3	31.3	93.8	
227	64.1	32.4	97.0	





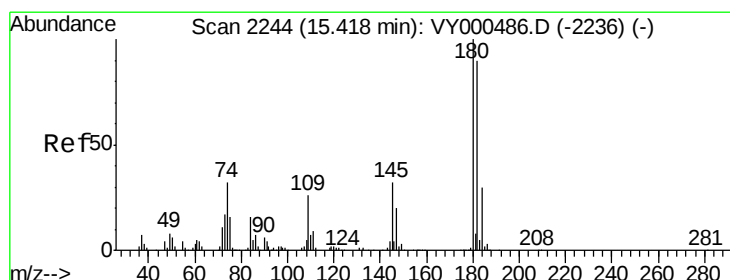
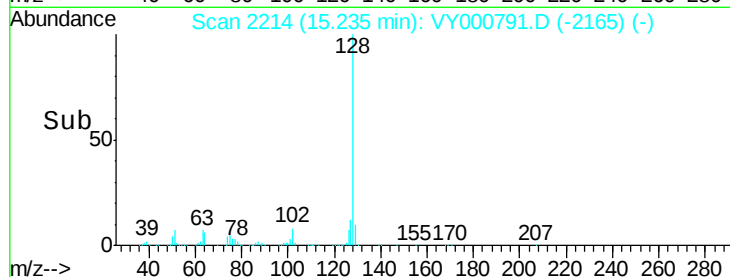
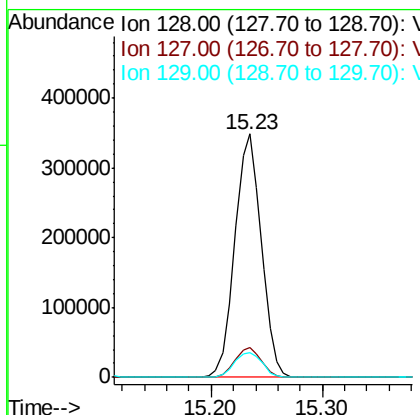
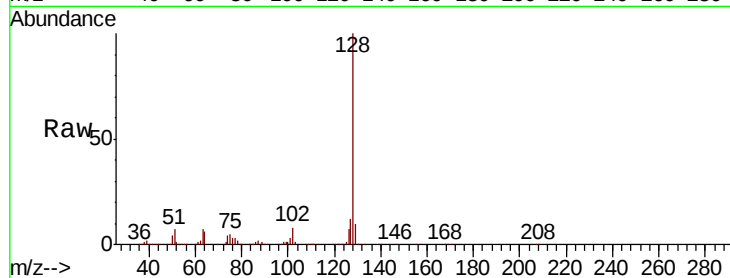
#95
Naphthalene
Concen: 56.642 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	571160		
127	12.1		9.8	14.6
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:34:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.679 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000791.D
Acq: 22 Nov 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218753		
182	93.2		47.4	142.3
145	32.3		15.7	47.0

