

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000540.D
 Acq On : 06 Nov 2019 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:04 AM

Quant Time: Nov 07 05:02:35 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	257021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	427985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	383340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138986	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.73	113	127302	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.18	98	517268	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.48	95	189482	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121227	47.914	ug/l	98
3) Chloromethane	2.12	50	168237	48.270	ug/l	98
4) Vinyl Chloride	2.25	62	153952	47.566	ug/l	98
5) Bromomethane	2.65	94	109476	56.406	ug/l	100
6) Chloroethane	2.79	64	95647	47.218	ug/l	96
7) Trichlorofluoromethane	3.13	101	209557	47.943	ug/l	100
8) Diethyl Ether	3.54	74	73232	47.152	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	125652	47.550	ug/l	97
10) Methyl Iodide	4.09	142	115051	34.160	ug/l	99
11) Tert butyl alcohol	4.97	59	56044	216.454	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	124095	48.336	ug/l	95
13) Acrolein	3.74	56	65598	290.859	ug/l	100
14) Allyl chloride	4.49	41	206825	49.543	ug/l	99
15) Acrylonitrile	5.18	53	187167	235.251	ug/l	99
16) Acetone	3.96	43	198139	270.283	ug/l	97
17) Carbon Disulfide	4.19	76	386027	47.672	ug/l	98
18) Methyl Acetate	4.49	43	107619	47.214	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	341667	47.864	ug/l	98
20) Methylene Chloride	4.72	84	136179	43.353	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	138790	47.818	ug/l	97
22) Diisopropyl ether	6.13	45	451585	49.768	ug/l	91
23) Vinyl Acetate	6.07	43	1404285	245.166	ug/l	99
24) 1,1-Dichloroethane	6.03	63	237720	48.359	ug/l	99
25) 2-Butanone	7.00	43	299991	256.414	ug/l	96
26) 2,2-Dichloropropane	6.99	77	219571	48.877	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	151653	47.783	ug/l	99
28) Bromochloromethane	7.35	49	118960	52.812	ug/l	95
29) Tetrahydrofuran	7.36	42	170955	238.854	ug/l	98
30) Chloroform	7.52	83	238810	48.024	ug/l	96
31) Cyclohexane	7.79	56	236915	46.016	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	217457	49.067	ug/l	99
36) 1,1-Dichloropropene	7.93	75	197701	48.864	ug/l	98
37) Ethyl Acetate	7.08	43	109855	45.733	ug/l	97
38) Carbon Tetrachloride	7.91	117	193836	49.789	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	253313	48.462	ug/l	100
40) Benzene	8.17	78	560115	47.220	ug/l	99
41) Methacrylonitrile	7.33	41	61139m	45.625	ug/l	
42) 1,2-Dichloroethane	8.25	62	161798	48.092	ug/l	100
43) Isopropyl Acetate	8.28	43	216478	47.974	ug/l	99
44) Trichloroethene	8.94	130	150403	48.090	ug/l	92
45) 1,2-Dichloropropane	9.22	63	142338	48.756	ug/l	93
46) Dibromomethane	9.31	93	75735	47.170	ug/l	99
47) Bromodichloromethane	9.50	83	187385	49.186	ug/l	97
48) Methyl methacrylate	9.30	41	96889	49.143	ug/l	98
49) 1,4-Dioxane	9.31	88	20158	932.872	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	585322	243.975	ug/l	99
52) Toluene	10.25	92	361836	48.248	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	204491	50.236	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	228654	49.032	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	110156	47.435	ug/l	99
56) Ethyl methacrylate	10.51	69	166683	50.642	ug/l	99
57) 1,3-Dichloropropane	10.79	76	197874	48.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	364355	244.860	ug/l	99
59) 2-Hexanone	10.83	43	456546	261.185	ug/l	98
60) Dibromochloromethane	10.99	129	130218	48.955	ug/l	98
61) 1,2-Dibromoethane	11.09	107	107896	48.322	ug/l	99
64) Tetrachloroethene	10.72	164	145870	46.019	ug/l	98
65) Chlorobenzene	11.52	112	378358	48.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	136877	50.780	ug/l	98
67) Ethyl Benzene	11.60	91	704709	49.266	ug/l	99
68) m/p-Xylenes	11.70	106	538414	97.252	ug/l	98
69) o-Xylene	12.03	106	259029	49.783	ug/l	96
70) Styrene	12.05	104	437551	49.110	ug/l	100
71) Bromoform	12.21	173	75983	49.010	ug/l #	98
73) Isopropylbenzene	12.33	105	698146	48.979	ug/l	100
74) N-amyl acetate	12.14	43	207435	50.813	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	138137	48.945	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	101040m	46.011	ug/l	
77) Bromobenzene	12.61	156	154898	47.921	ug/l	99
78) n-propylbenzene	12.67	91	838866	48.775	ug/l	100
79) 2-Chlorotoluene	12.75	91	458398	48.010	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	589065	49.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48650	49.672	ug/l	98
82) 4-Chlorotoluene	12.85	91	495729	50.087	ug/l	97
83) tert-Butylbenzene	13.08	119	492092	48.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	580116	49.079	ug/l	99
85) sec-Butylbenzene	13.25	105	716215	49.595	ug/l	100
86) p-Isopropyltoluene	13.37	119	635615	49.384	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	300431	47.452	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	305830	48.340	ug/l	99
89) n-Butylbenzene	13.70	91	622389	49.028	ug/l	99
90) Hexachloroethane	13.96	117	116705	49.047	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	272970	47.519	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23911	47.871	ug/l	97

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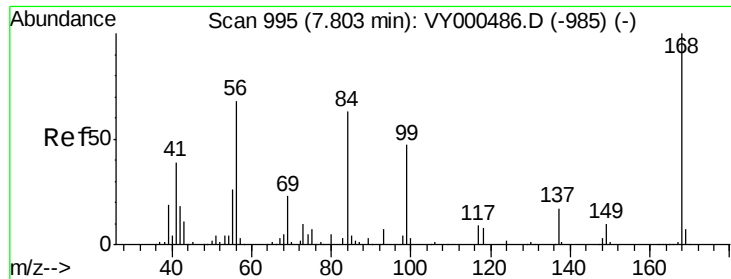
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	188633	48.227	ug/l	98
94) Hexachlorobutadiene	15.11	225	93263	46.256	ug/l	98
95) Naphthalene	15.23	128	416630	47.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	164649	46.921	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 257021

Ion Ratio Lower Upper

168 100

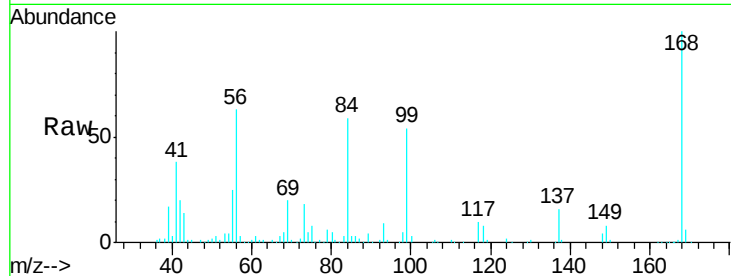
99 53.9 45.7 68.5

Manual Integrations

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11/8/2019 10:39:04 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000540.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000540.D (-985) (-)

7.80

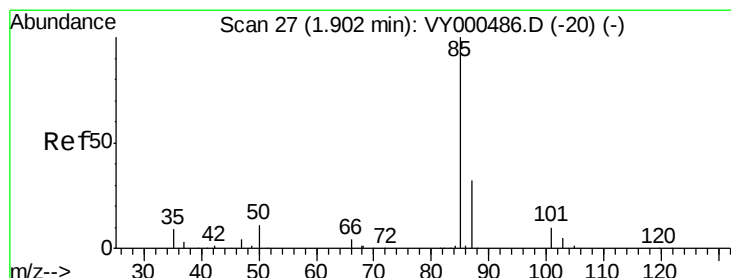
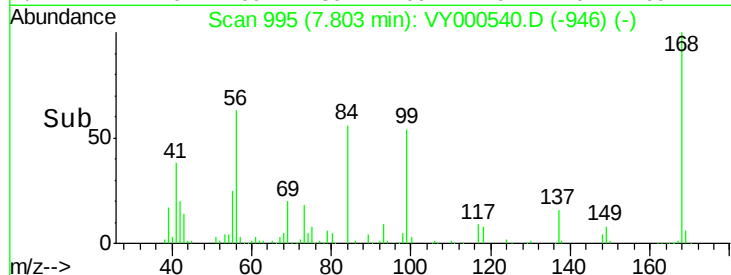
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.914 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000540.D

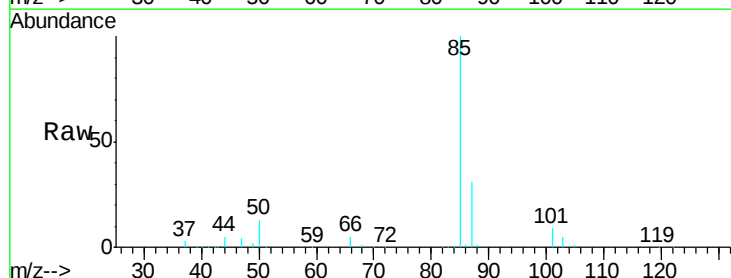
Acq: 06 Nov 2019 10:37

Tgt Ion: 85 Resp: 121227

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000540.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000540.D (-20) (-)

1.90

80000

60000

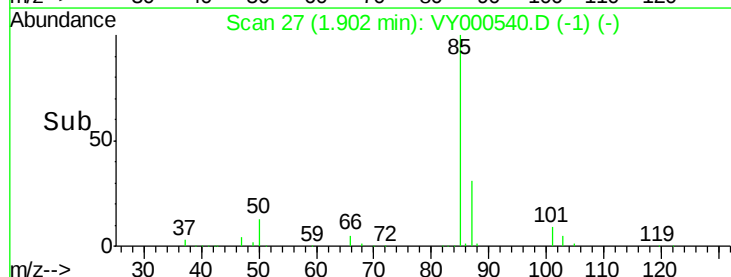
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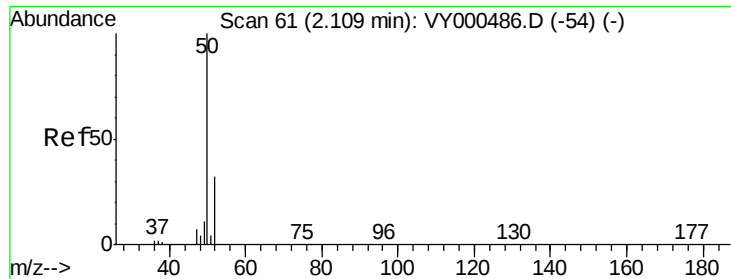
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 48.270 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 168237

Ion Ratio Lower Upper

50 100

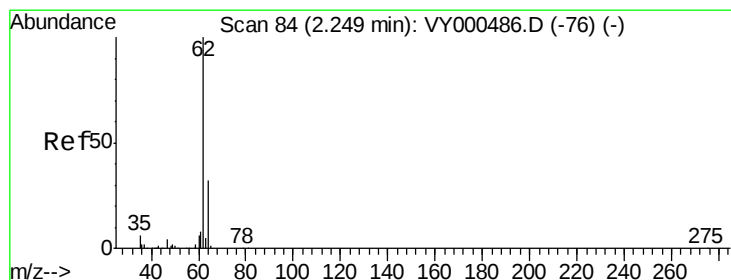
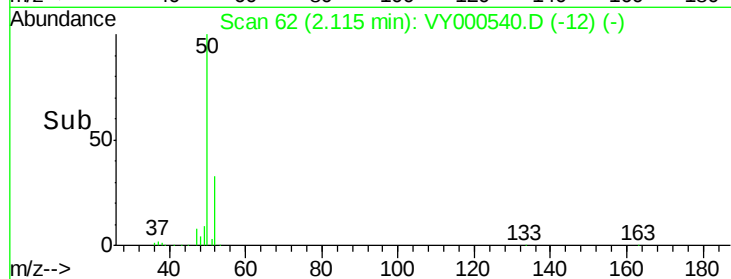
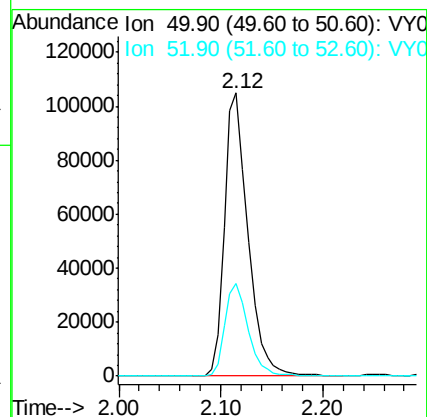
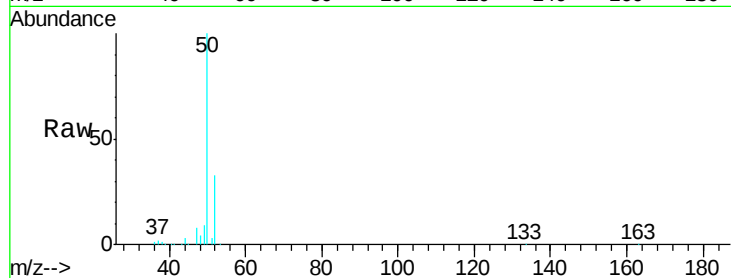
52 32.9 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.566 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000540.D

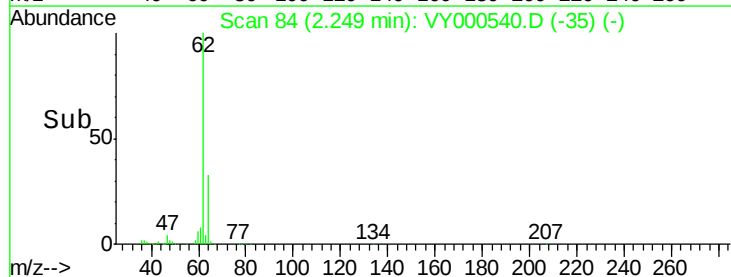
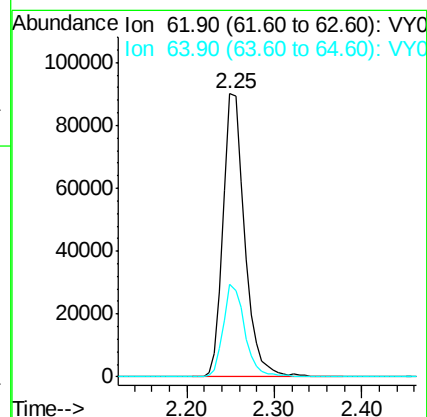
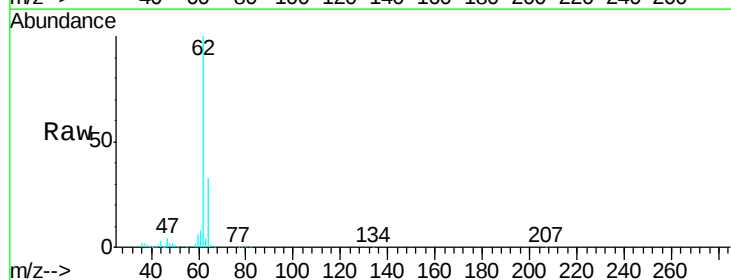
Acq: 06 Nov 2019 10:37

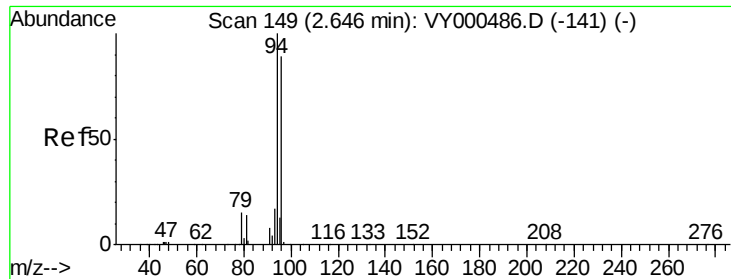
Tgt Ion: 62 Resp: 153952

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 56.406 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 109476

Ion Ratio Lower Upper

94 100

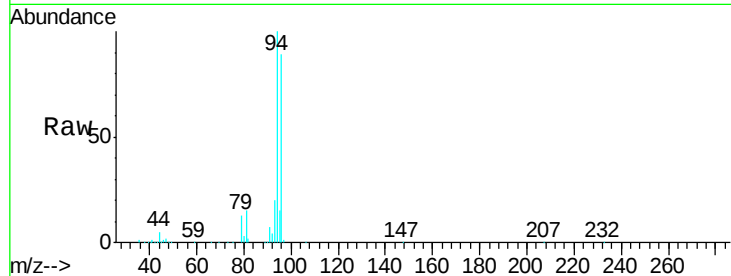
96 89.1 71.2 106.8

Manual Integrations

APPROVED

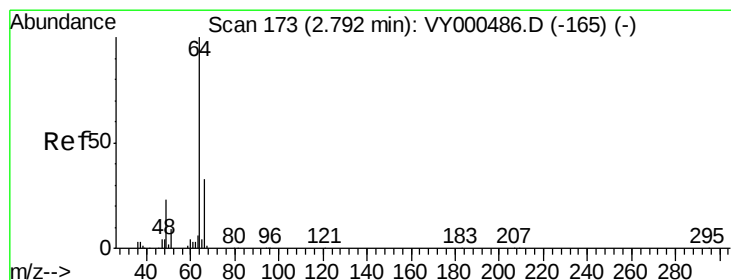
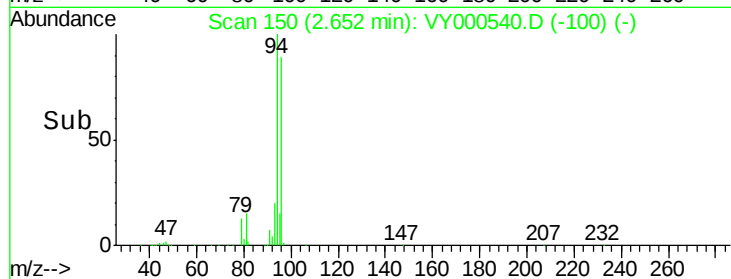
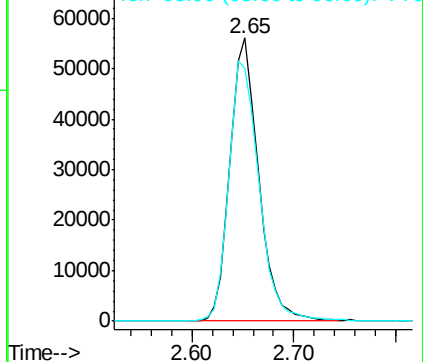
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.218 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000540.D

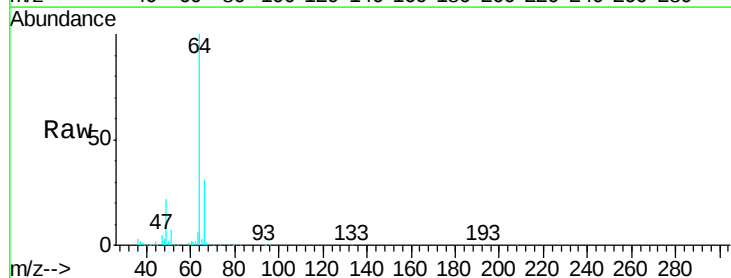
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Tgt Ion: 64 Resp: 95647

Ion Ratio Lower Upper

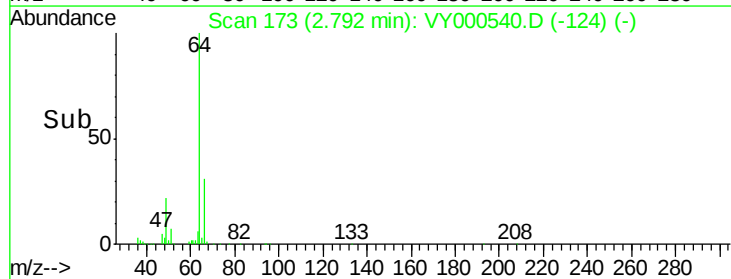
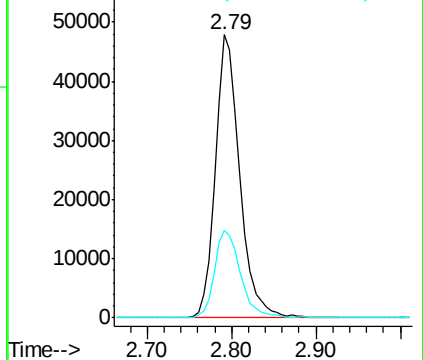
64 100

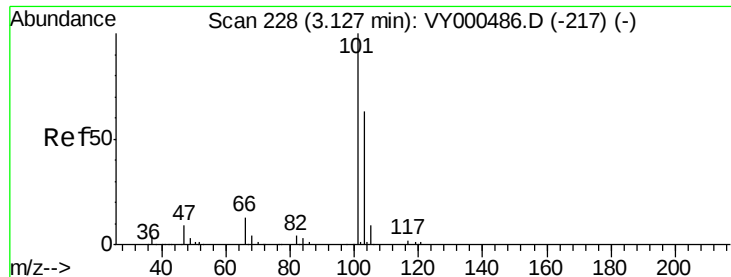
66 31.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

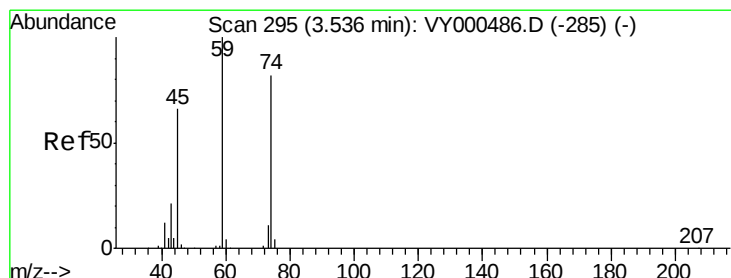
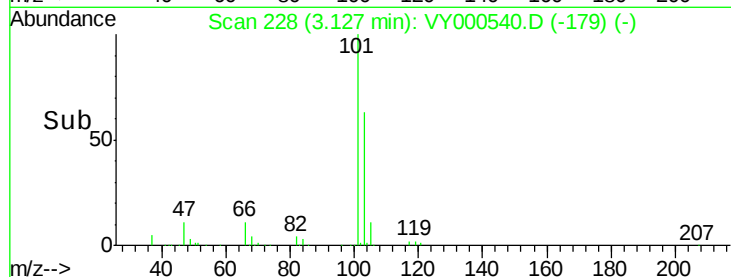
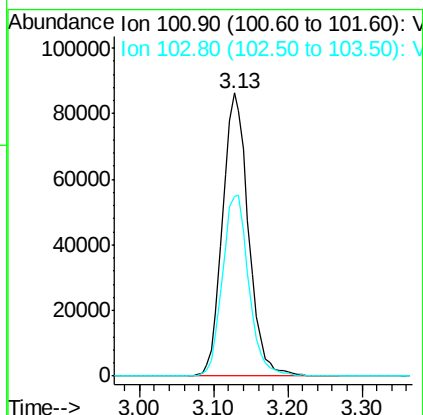
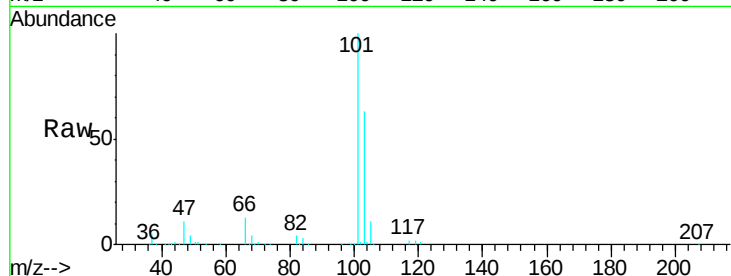
Trichlorofluoromethane
 Concen: 47.943 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	209557		
103	63.4	50.5	75.7	

Manual Integrations
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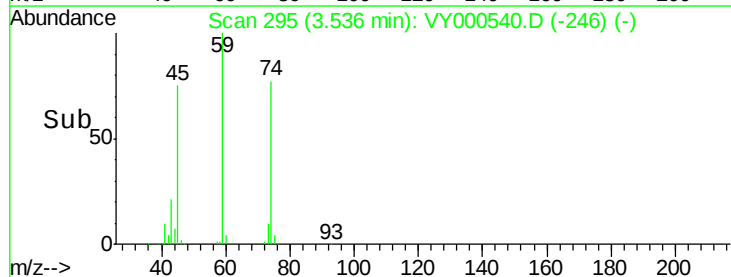
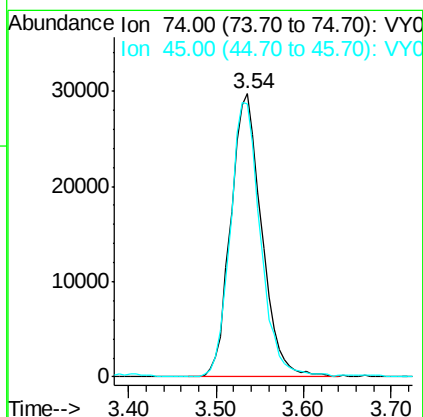
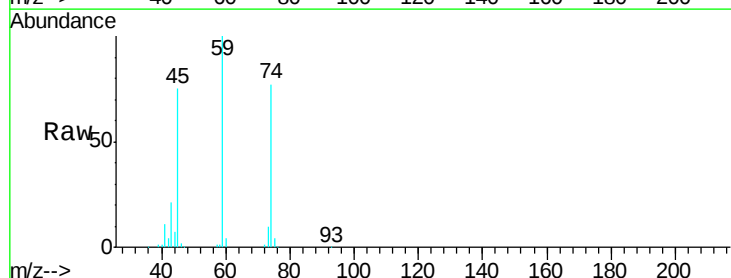
MMDadoda
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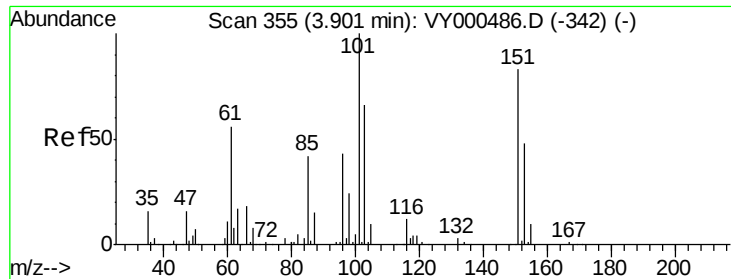


#8

Diethyl Ether
 Concen: 47.152 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	73232		
45	95.4	45.5	136.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.550 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

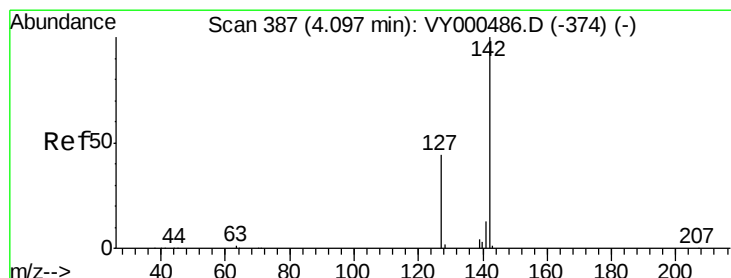
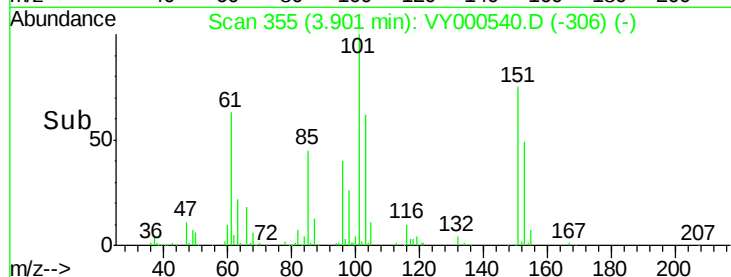
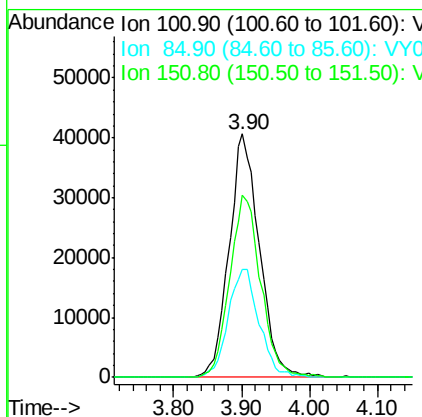
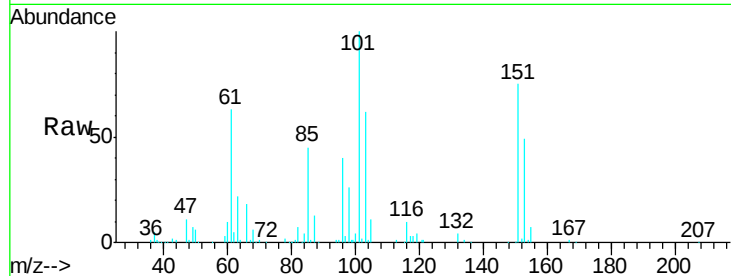
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	125652
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	76.6	64.3	96.5

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#10

Methyl Iodide

Concen: 34.160 ug/l

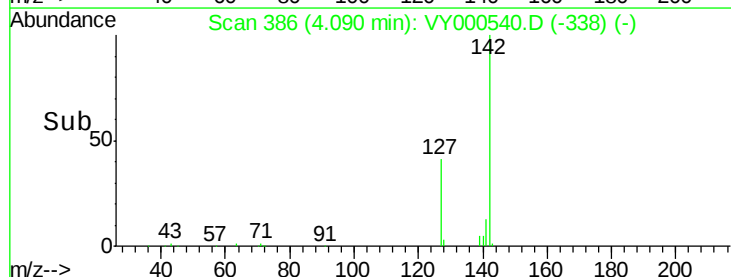
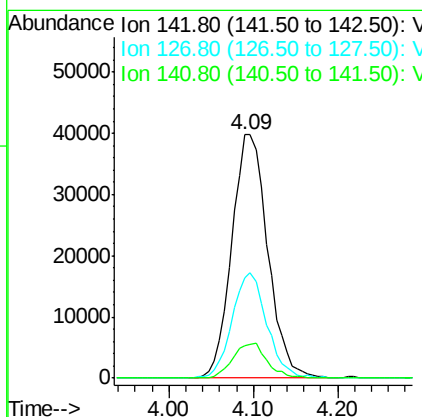
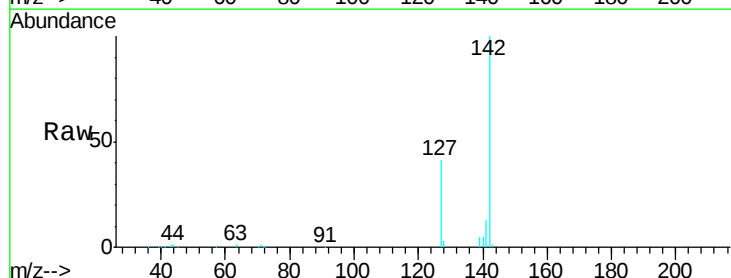
RT: 4.09 min Scan# 386

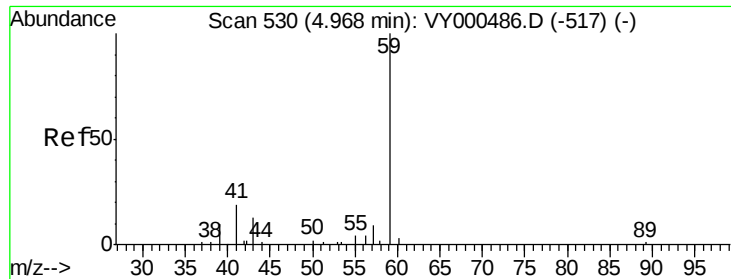
Delta R.T. -0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion:	142	Resp:	115051
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.7	50.5
141	13.5	10.9	16.3





#11

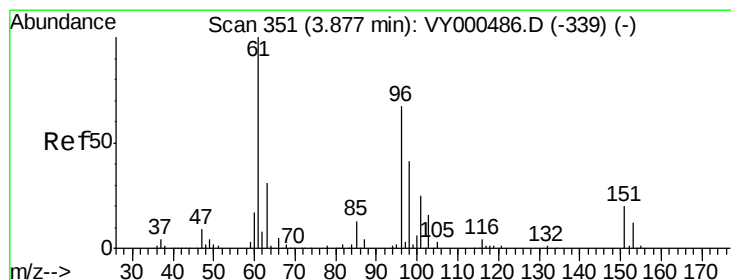
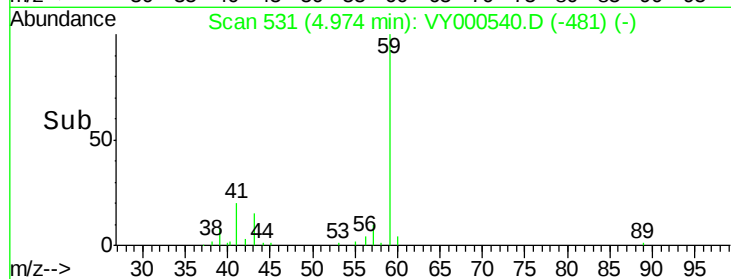
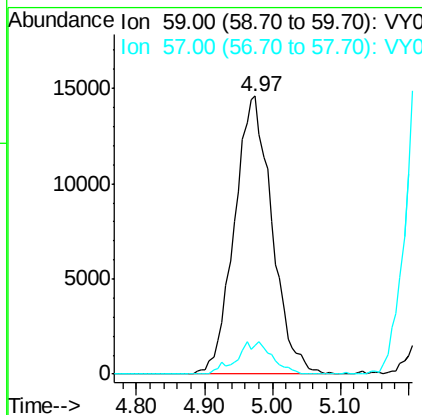
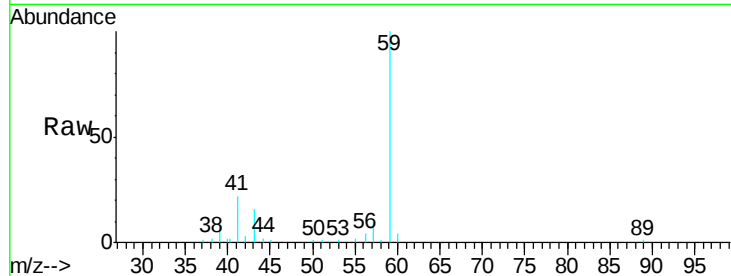
Tert butyl alcohol
Concen: 216.454 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.0	8.6	12.8#

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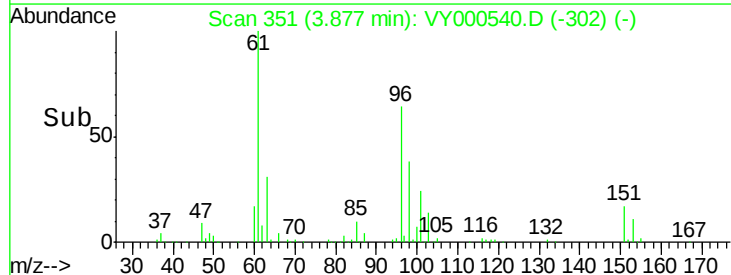
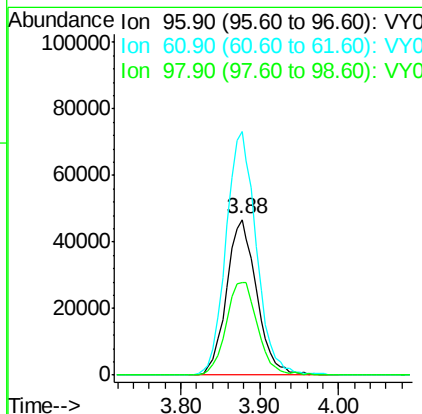
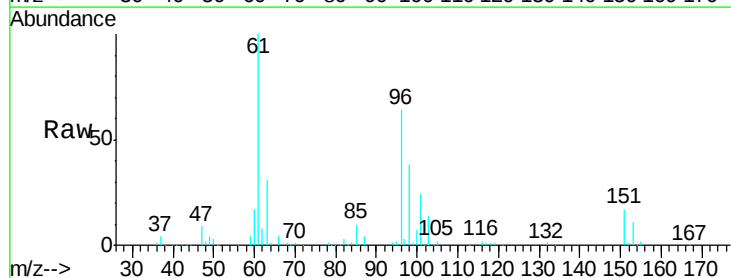
MMDadoda
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#12

1,1-Dichloroethene
Concen: 48.336 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	119.2	178.8
98	59.3	48.6	73.0





#13

Acrolein

Concen: 290.859 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050

Tgt Ion: 56 Resp: 65598

Ion Ratio Lower Upper

56 100

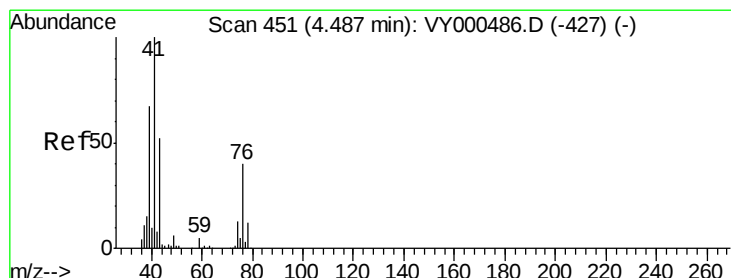
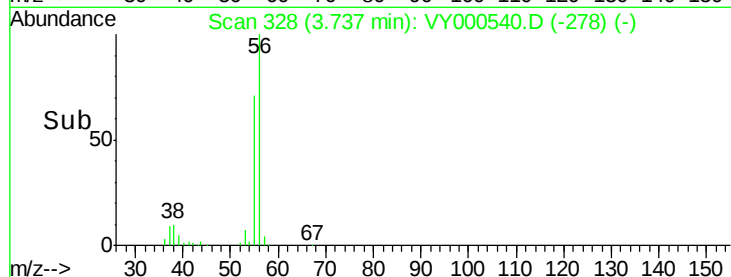
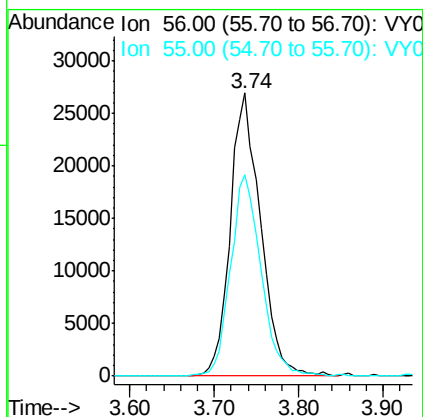
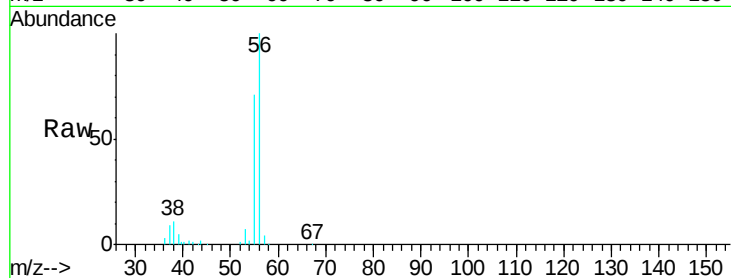
55 71.7 57.0 85.6

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#14

Allyl chloride

Concen: 49.543 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

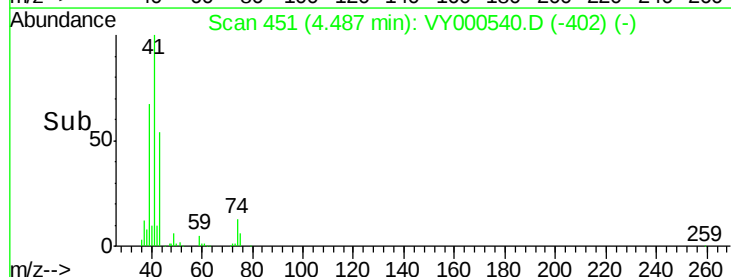
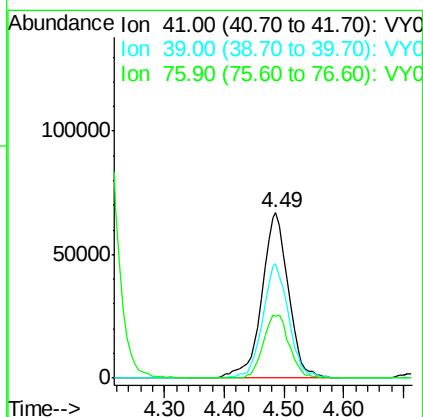
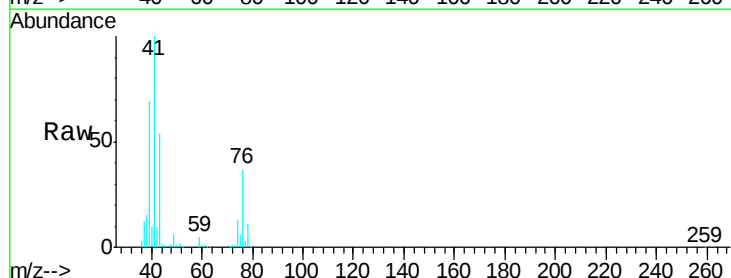
Tgt Ion: 41 Resp: 206825

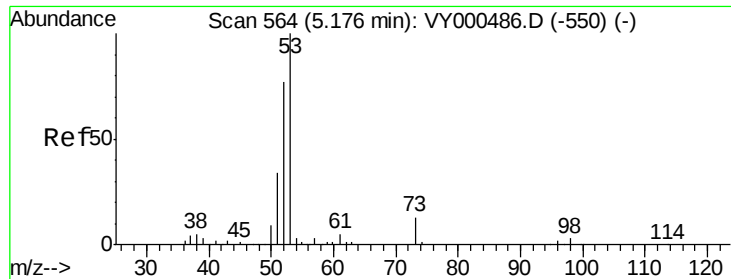
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 235.251 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

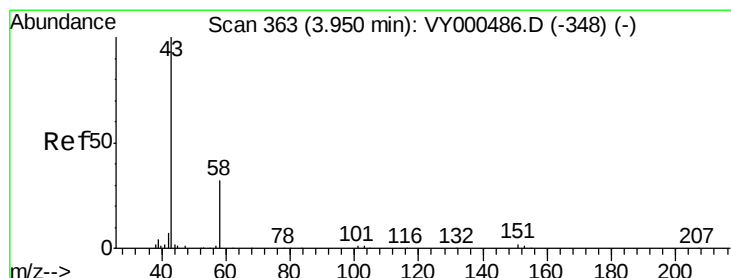
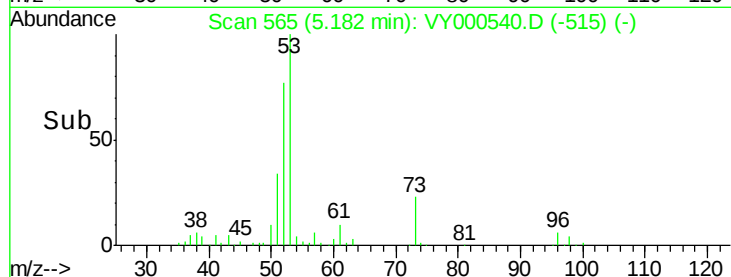
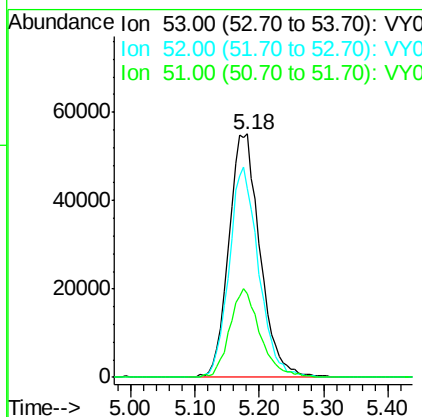
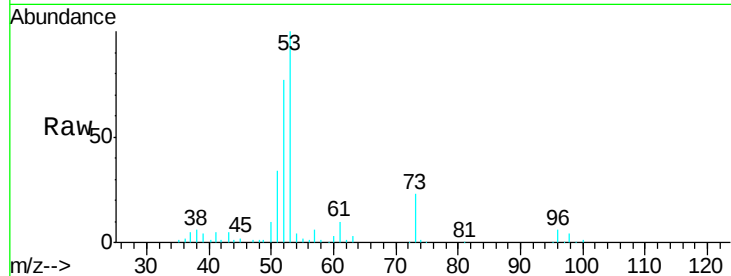
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	187167
Ion	Ratio	Lower	Upper
53	100		
52	81.4	64.9	97.3
51	35.4	27.6	41.4

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#16

Acetone

Concen: 270.283 ug/l

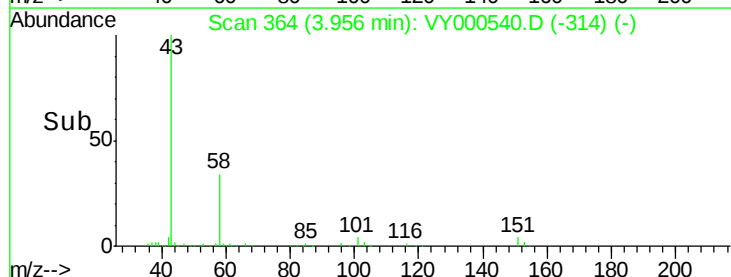
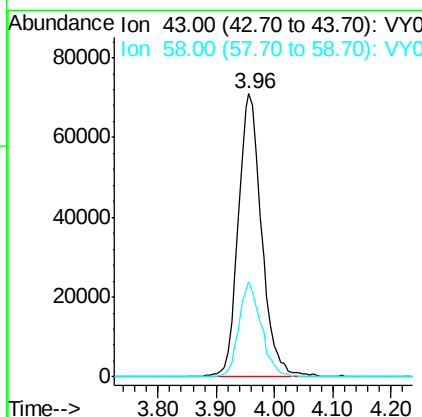
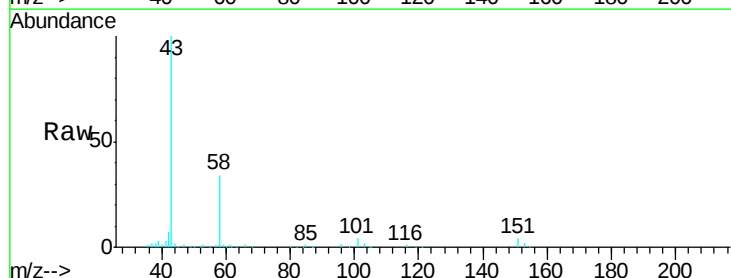
RT: 3.96 min Scan# 364

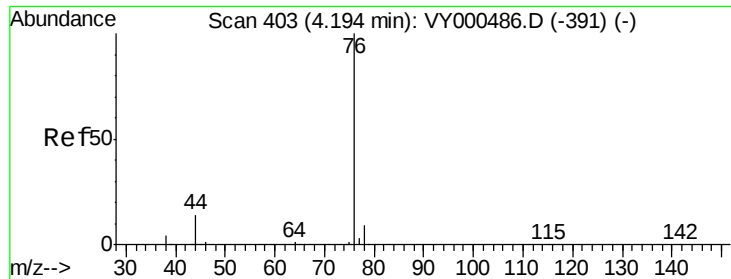
Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion:	43	Resp:	198139
Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.8	38.6





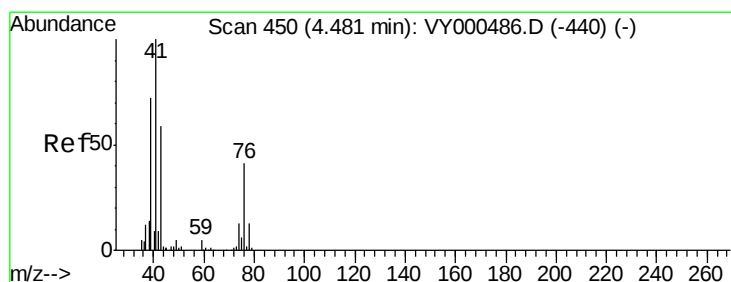
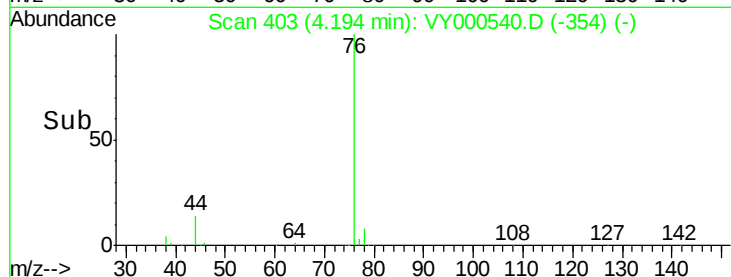
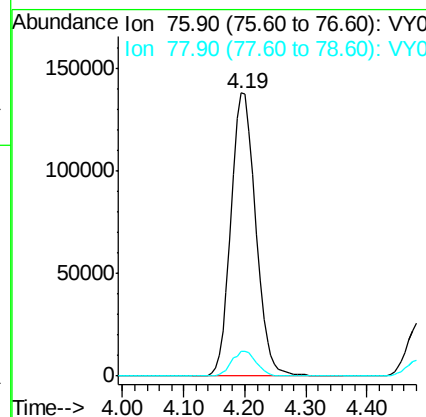
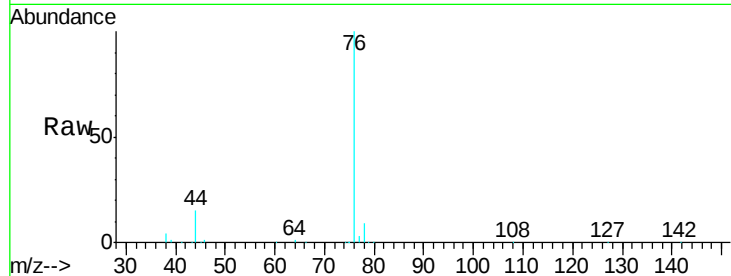
#17
Carbon Disulfide
Concen: 47.672 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 386027
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

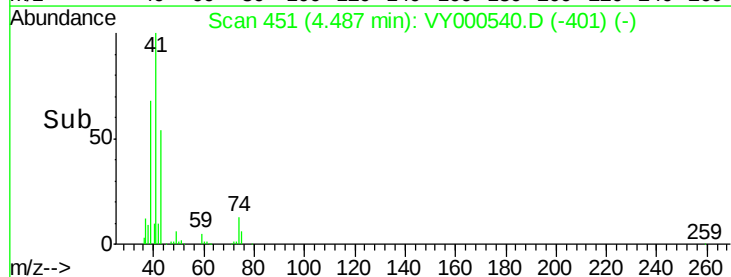
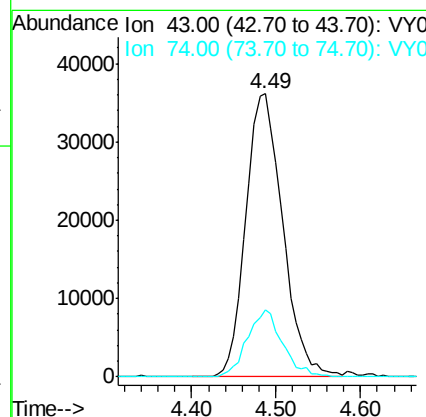
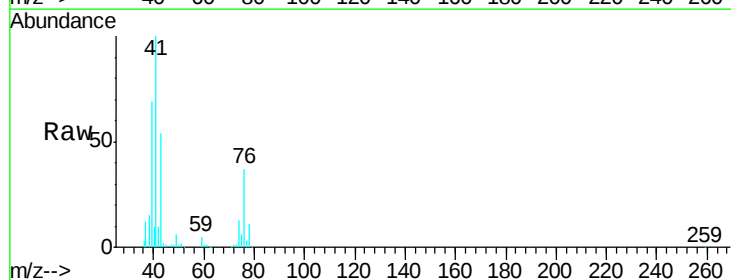
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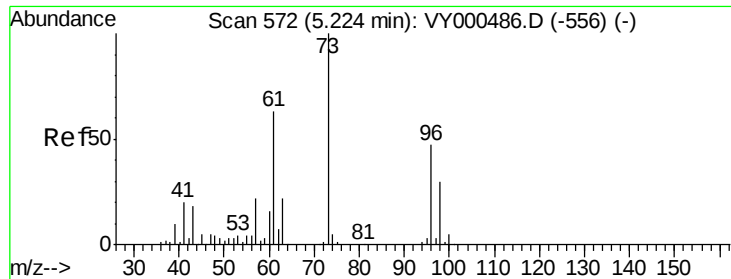
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#18
Methyl Acetate
Concen: 47.214 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 43 Resp: 107619
Ion Ratio Lower Upper
43 100
74 22.4 19.2 28.8





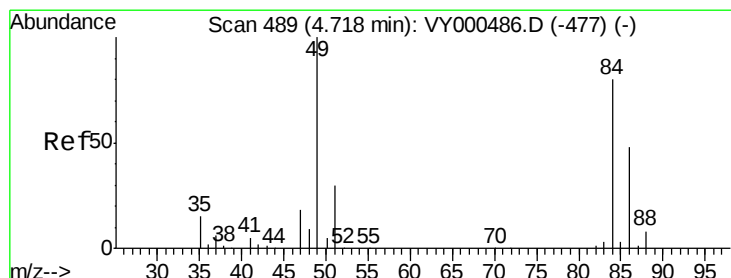
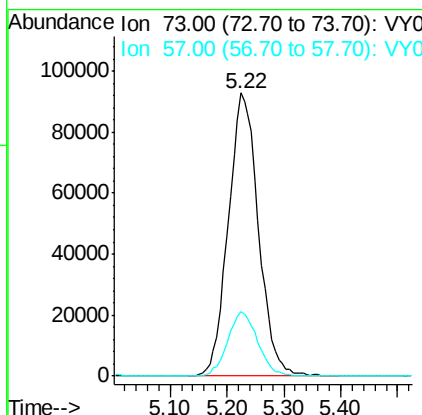
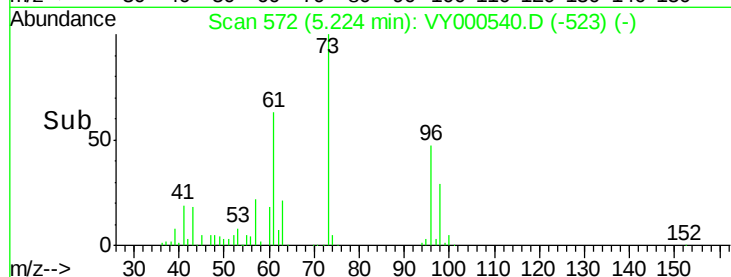
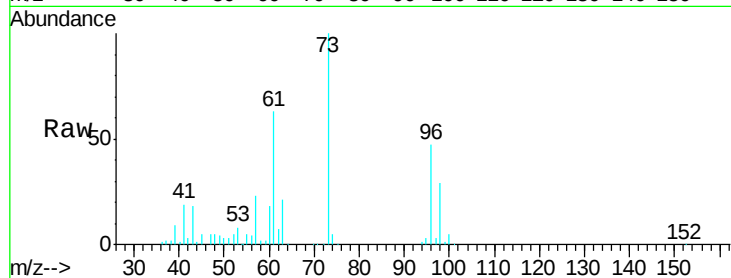
#19
Methyl tert-butyl Ether
Concen: 47.864 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 341667
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

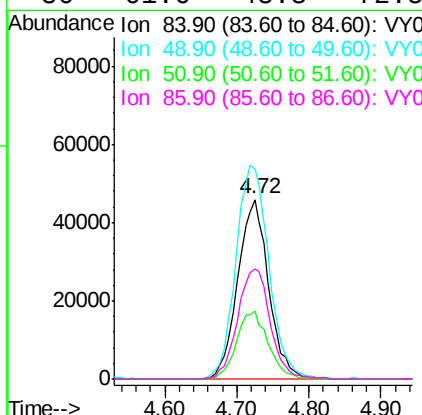
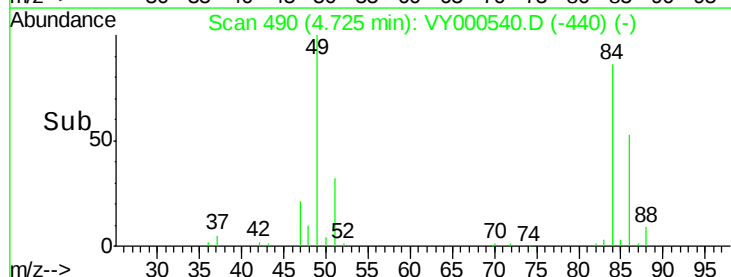
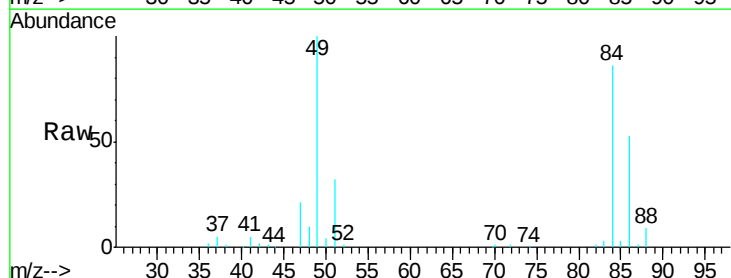
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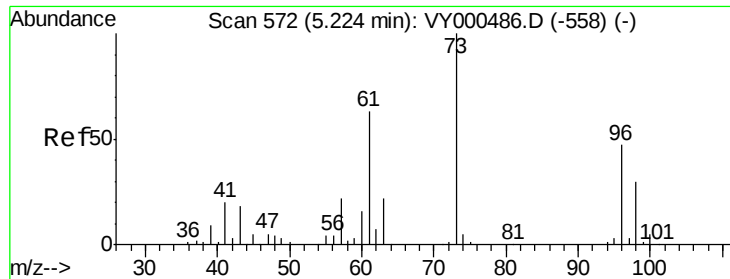
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#20
Methylene Chloride
Concen: 43.353 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 84 Resp: 136179
Ion Ratio Lower Upper
84 100
49 116.9 100.2 150.4
51 37.7 29.6 44.4
86 61.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 47.818 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 138790

Ion Ratio Lower Upper

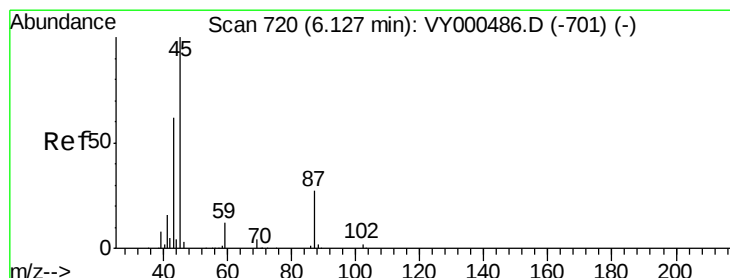
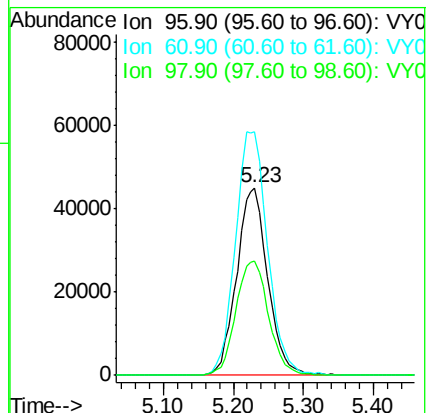
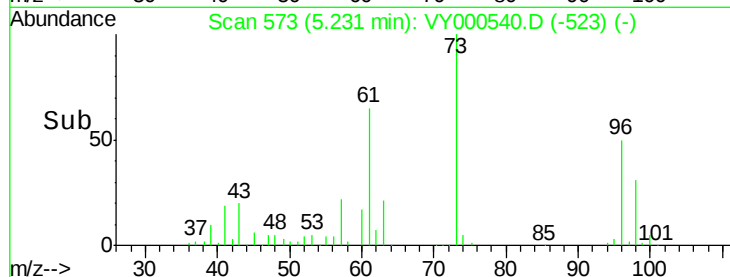
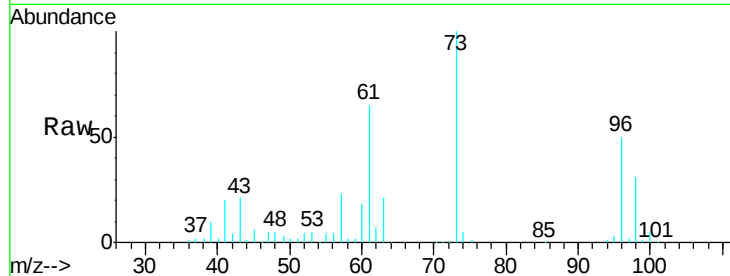
96 100

61 129.8 106.6 160.0

98 61.1 50.6 76.0

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#22

Diisopropyl ether

Concen: 49.768 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion: 45 Resp: 451585

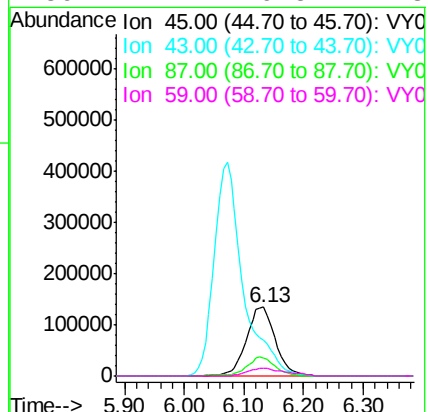
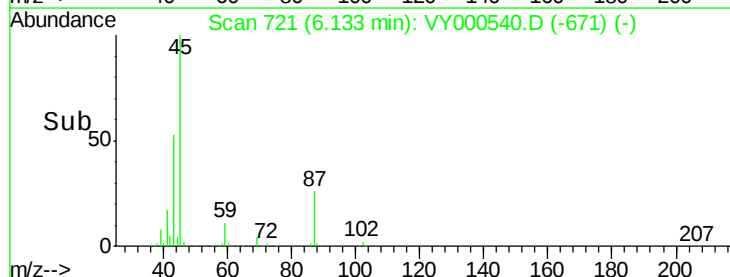
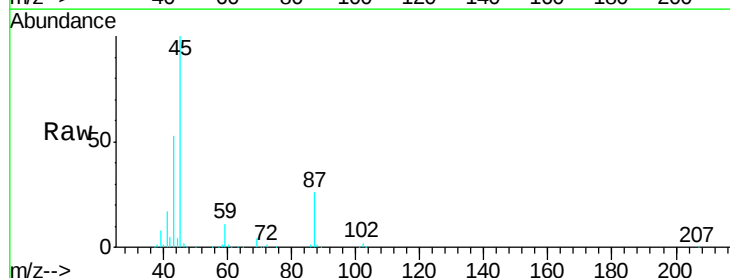
Ion Ratio Lower Upper

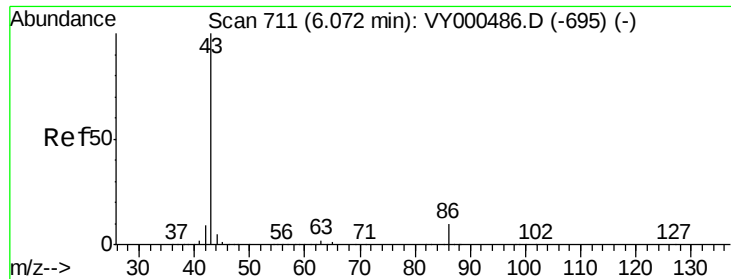
45 100

43 52.5 50.0 75.0

87 25.6 21.6 32.4

59 11.2 9.5 14.3





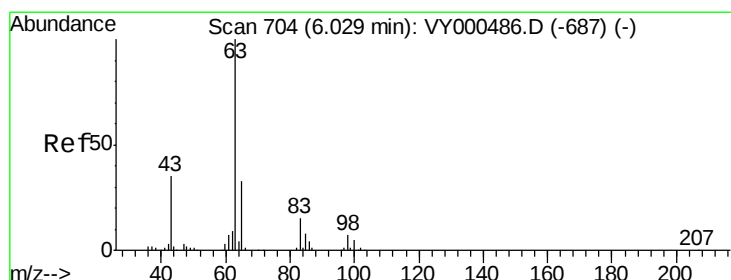
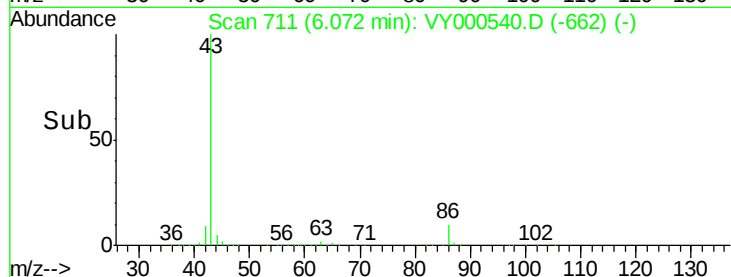
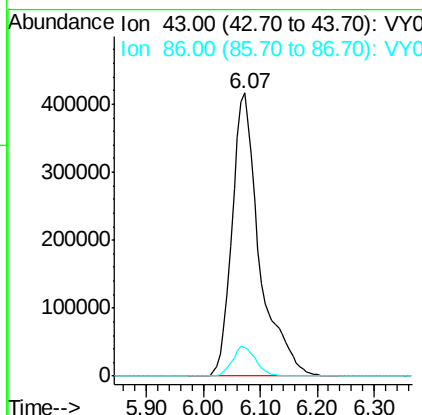
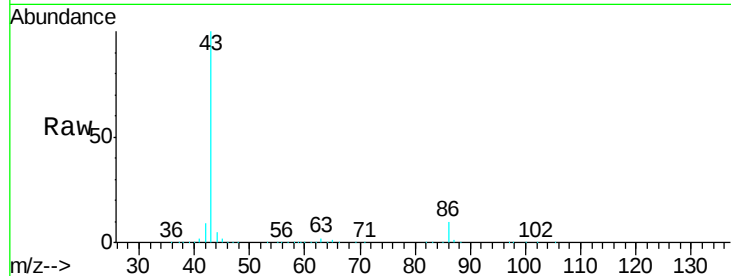
#23
 Vinyl Acetate
 Concen: 245.166 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1404285
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.6

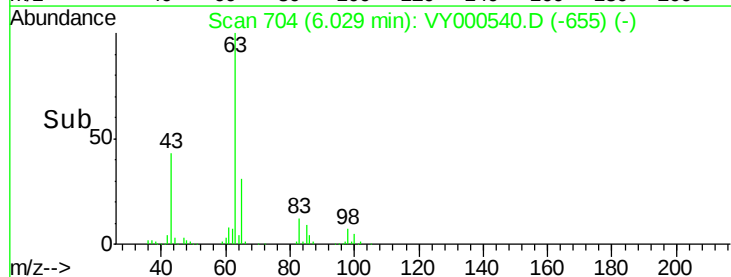
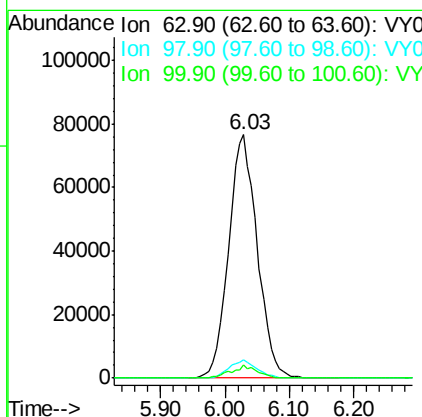
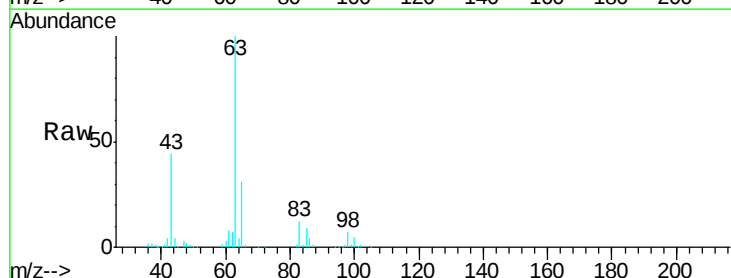
Manual Integrations
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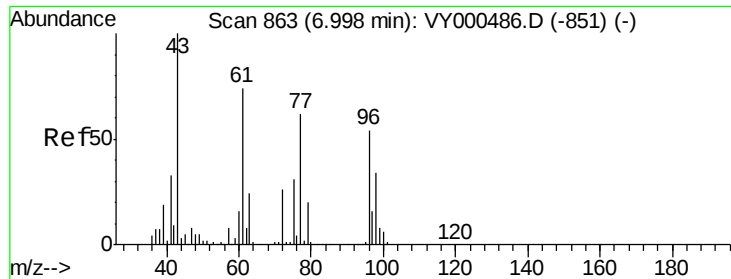
MMDadoda
 11/8/2019 10:39:04 AM



#24
 1,1-Dichloroethane
 Concen: 48.359 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 63 Resp: 237720
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 5.2 2.4 7.1





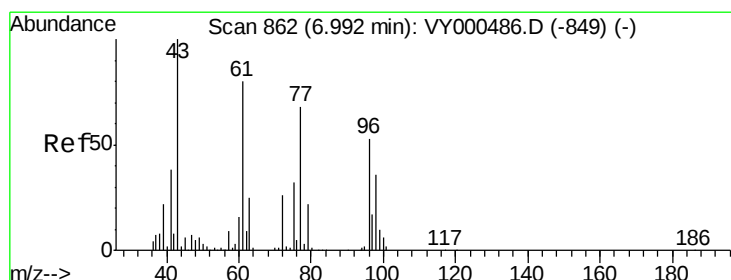
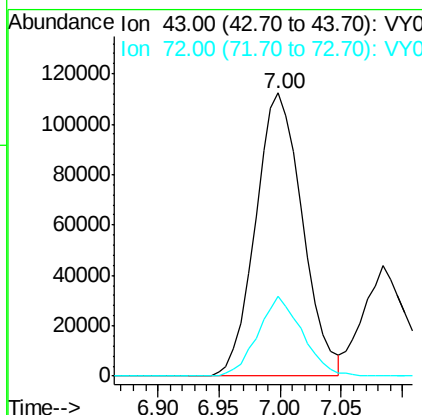
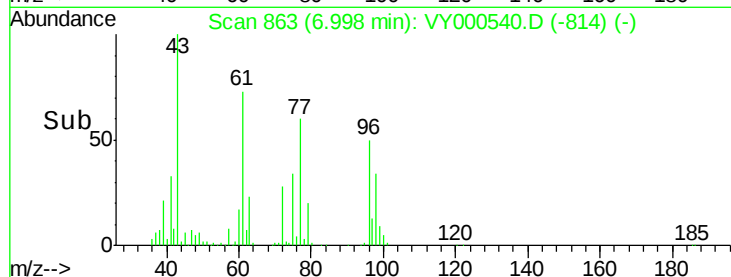
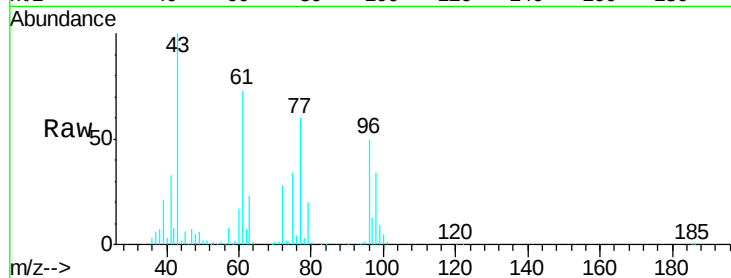
#25
2-Butanone
Concen: 256.414 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 299991
Ion Ratio Lower Upper
43 100
72 28.1 20.9 31.3

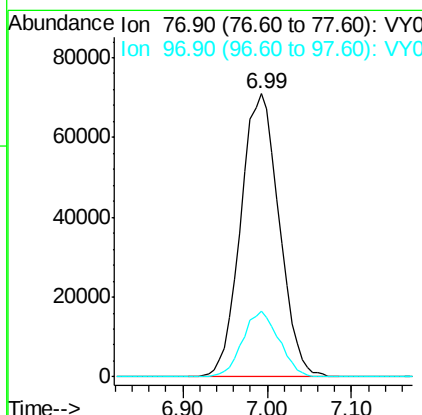
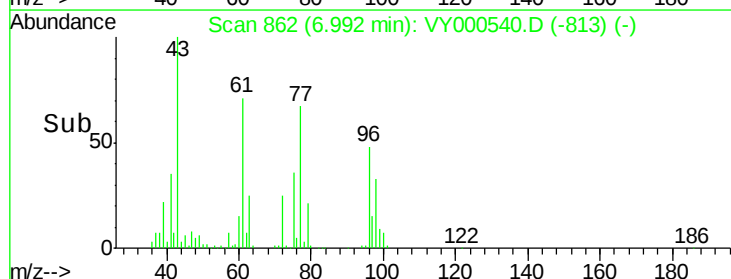
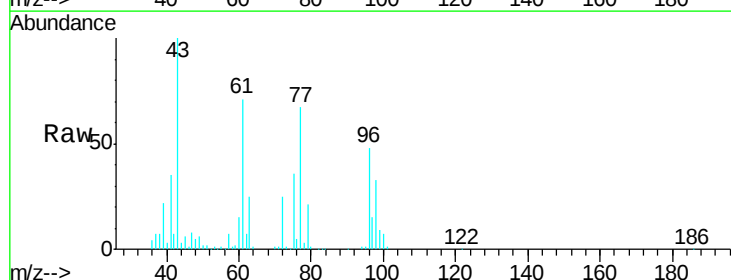
Manual Integrations
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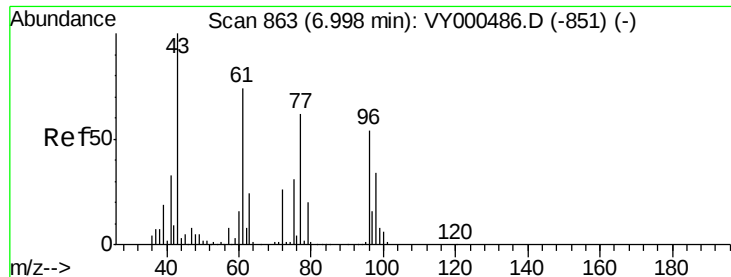
MMDadoda
11/8/2019 10:39:04 AM



#26
2,2-Dichloropropane
Concen: 48.877 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 77 Resp: 219571
Ion Ratio Lower Upper
77 100
97 22.1 11.8 35.4





#27

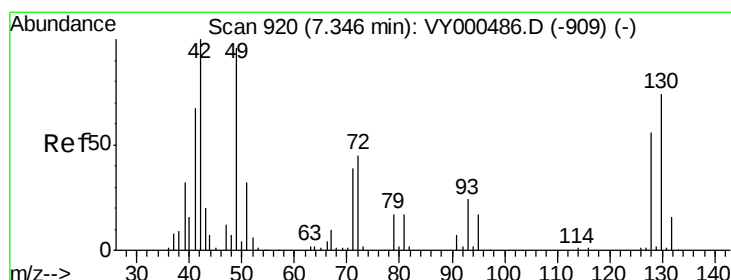
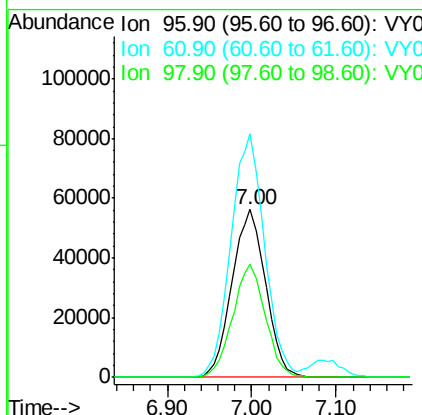
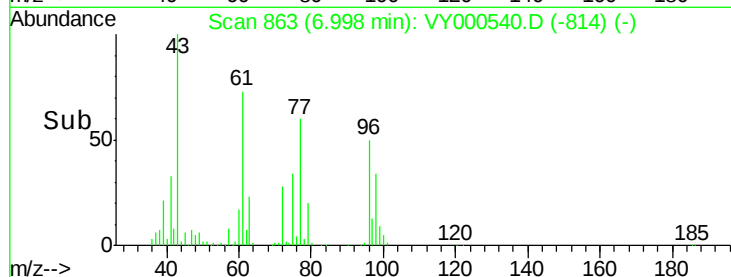
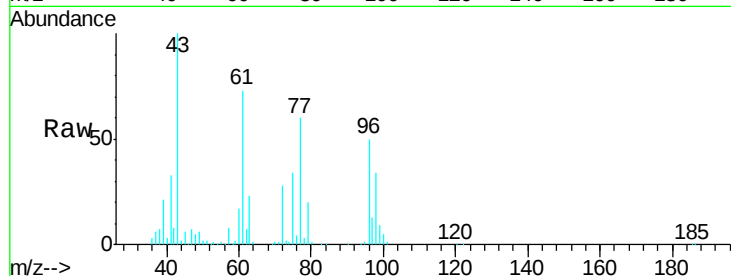
cis-1,2-Dichloroethene
Concen: 47.783 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	151653		
61	145.2	0.0	287.0	
98	65.0	0.0	129.4	

Manual Integrations
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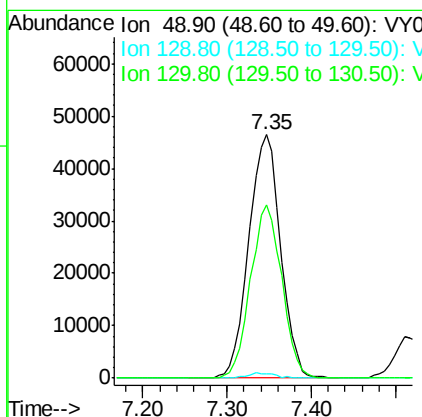
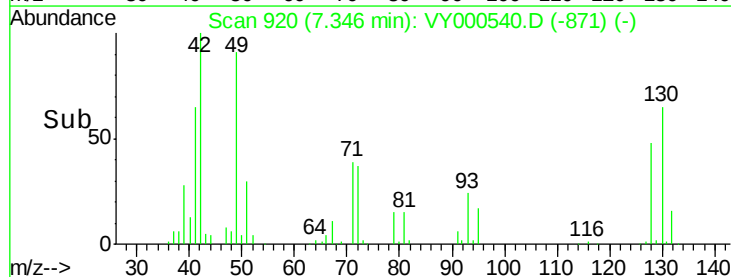
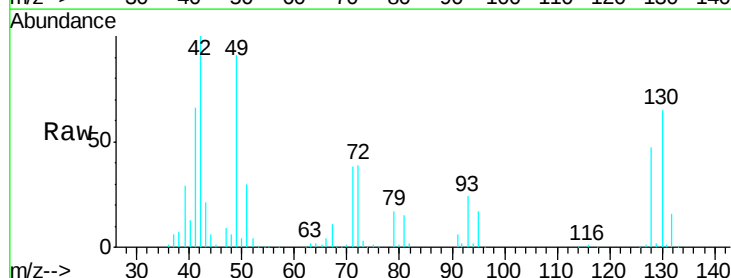
MMDadoda
11/8/2019 10:39:04 AM

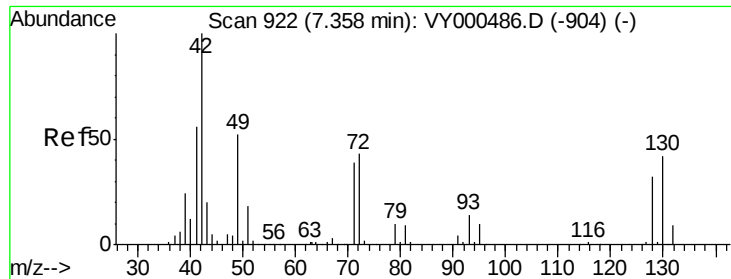


#28

Bromochloromethane
Concen: 52.812 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118960		
129	1.7	0.0	3.6	
130	70.0	59.4	89.0	





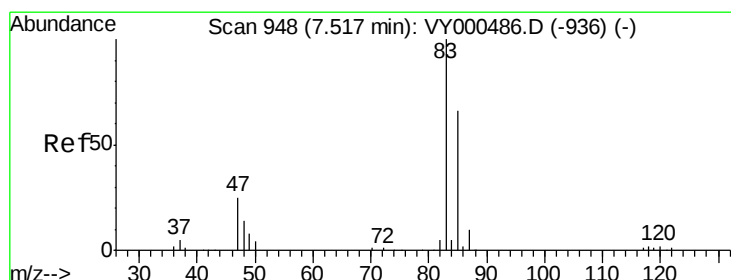
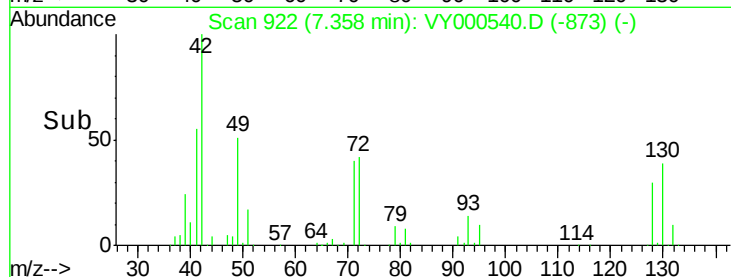
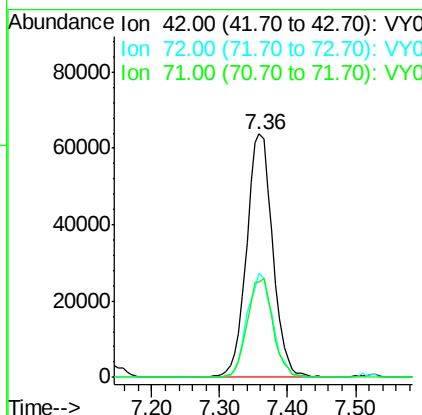
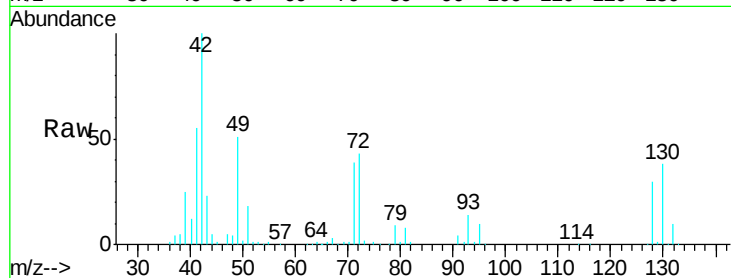
#29
Tetrahydrofuran
Concen: 238.854 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.0	51.0
71	39.8	30.8	46.2

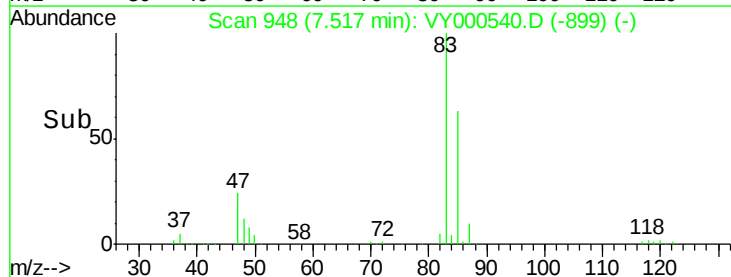
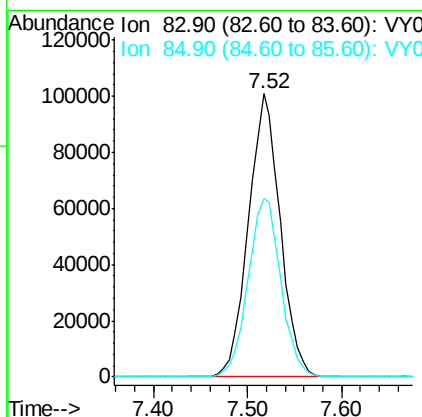
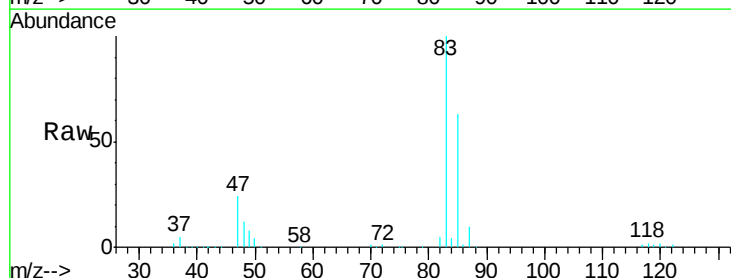
Manual Integrations
APPROVED

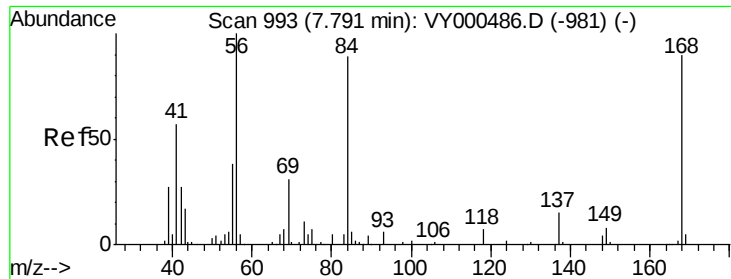
MMDadoda
11/8/2019 10:39:04 AM



#30
Chloroform
Concen: 48.024 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.0	79.4





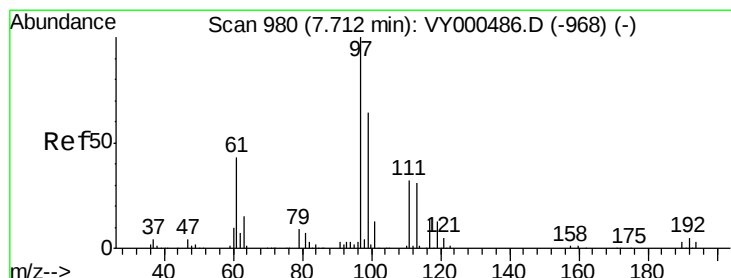
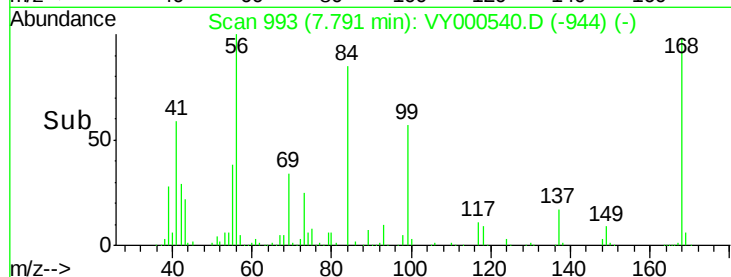
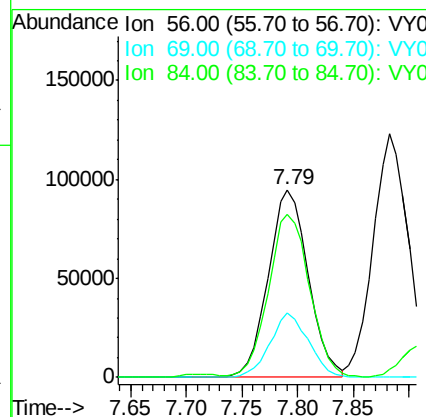
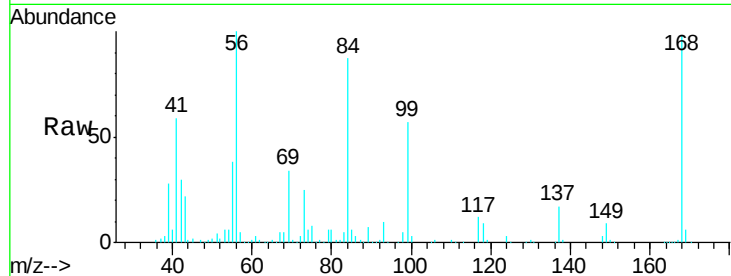
#31
Cyclohexane
Concen: 46.016 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.3	25.0	37.6
84	85.1	71.4	107.2

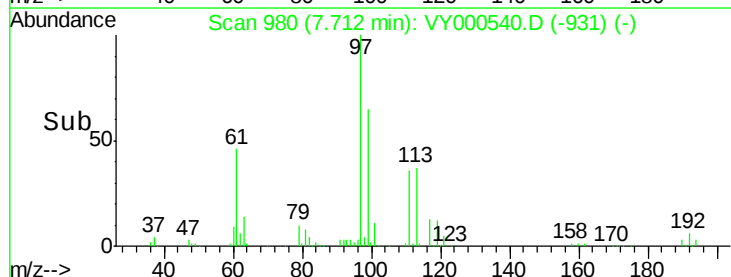
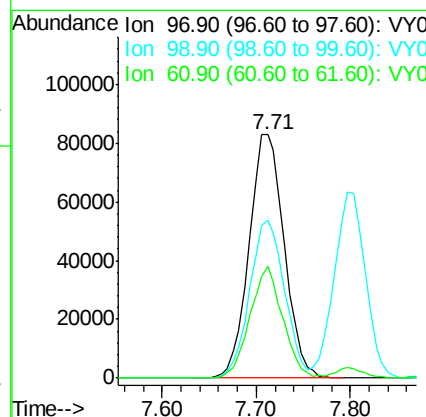
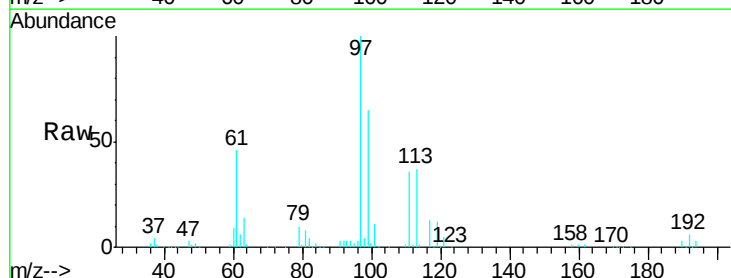
Manual Integrations
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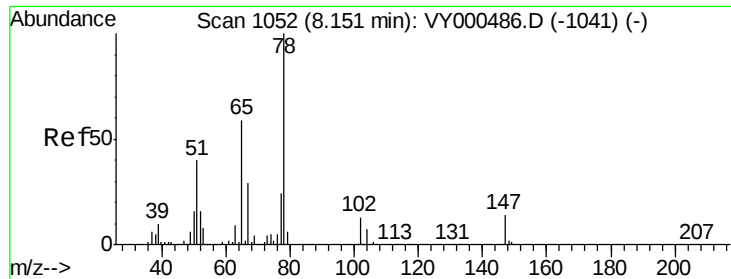
MMDadoda
11/8/2019 10:39:04 AM



#32
1,1,1-Trichloroethane
Concen: 49.067 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	42.9	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 52.254 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 138986

Ion Ratio Lower Upper

65 100

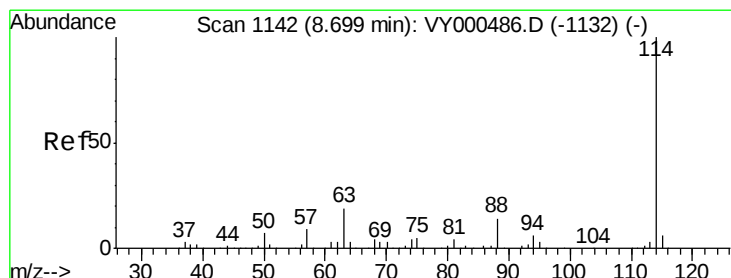
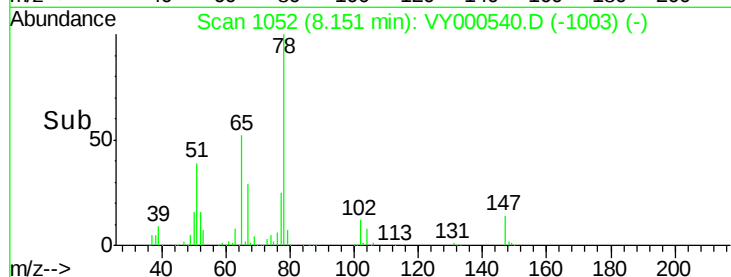
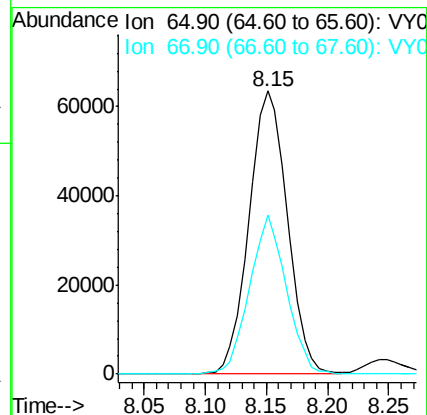
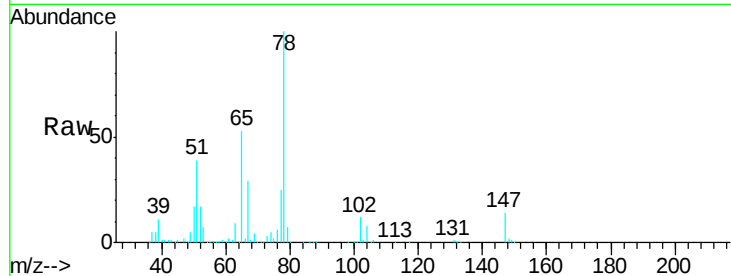
67 53.9 0.0 107.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

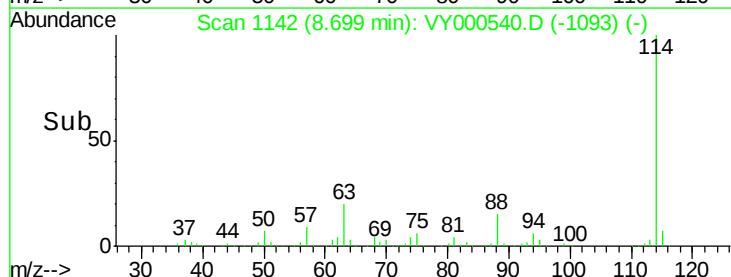
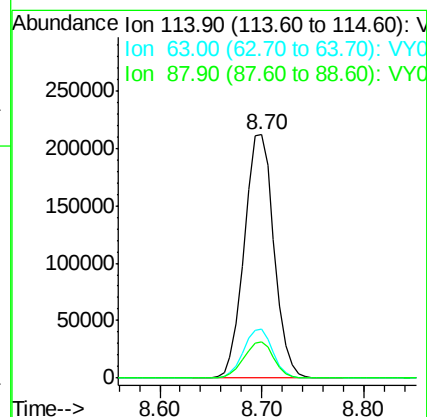
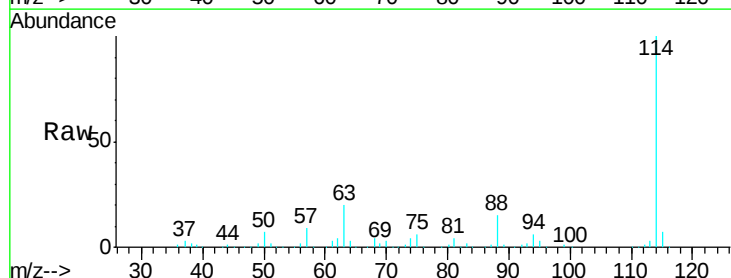
Tgt Ion: 114 Resp: 427985

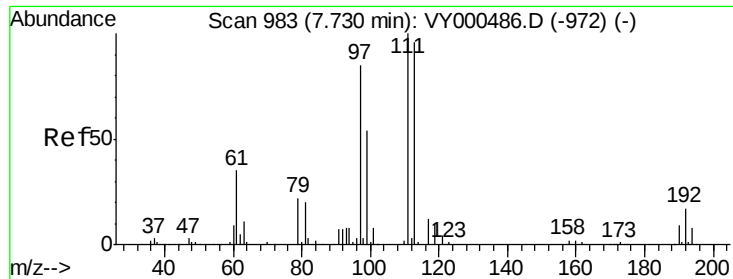
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.1 0.0 28.6





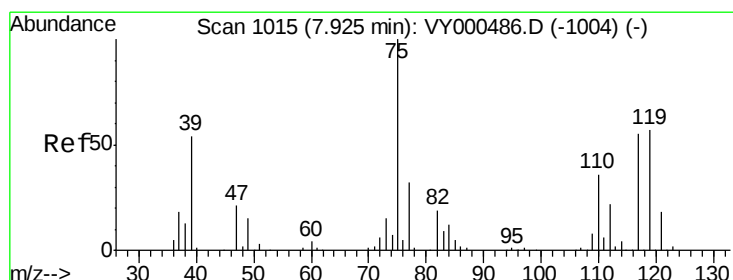
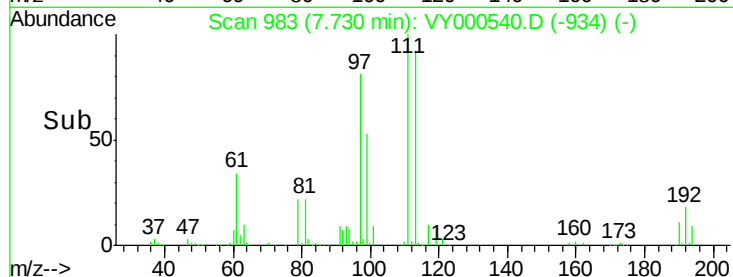
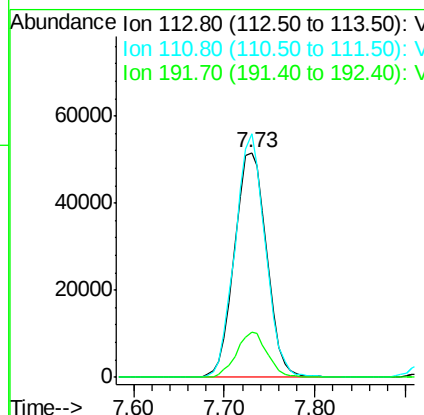
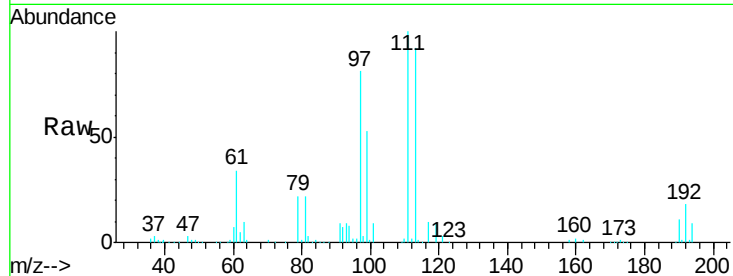
#35
 Dibromofluoromethane
 Concen: 50.666 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127302		
111	101.9	81.7	122.5	
192	19.1	15.0	22.4	

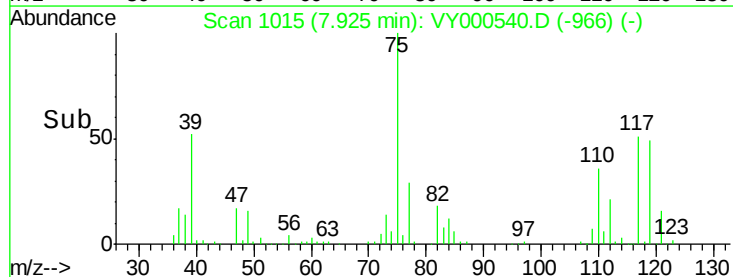
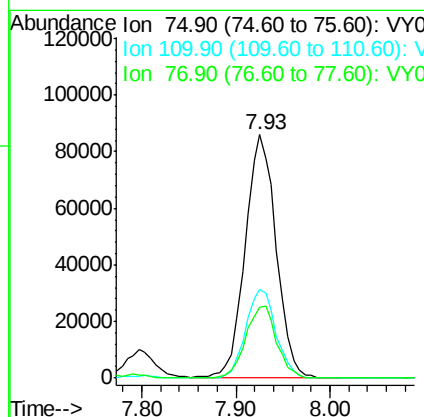
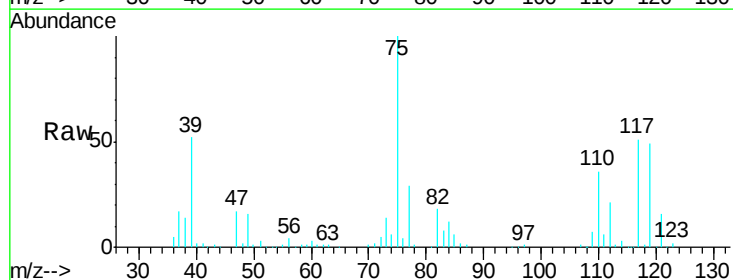
Manual Integrations
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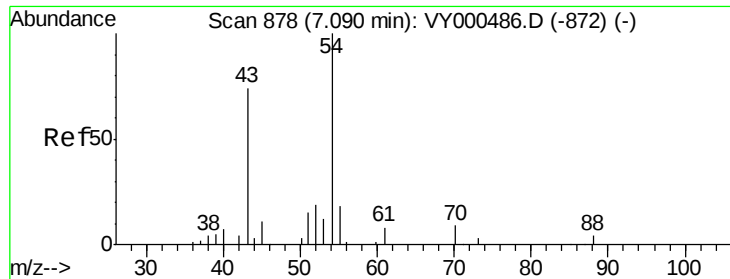
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 11/8/2019 10:39:04 AM



#36
 1,1-Dichloropropene
 Concen: 48.864 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	197701		
110	35.6	18.1	54.1	
77	29.8	25.0	37.6	





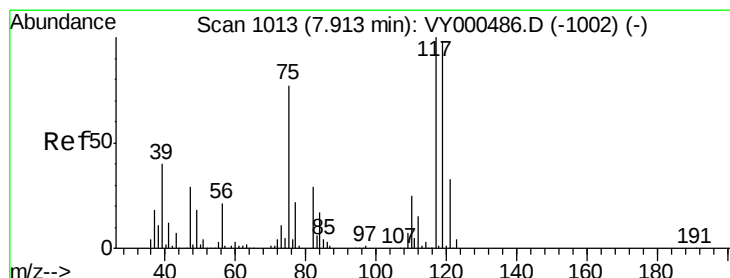
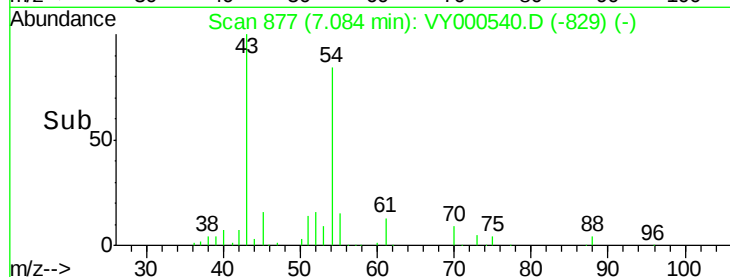
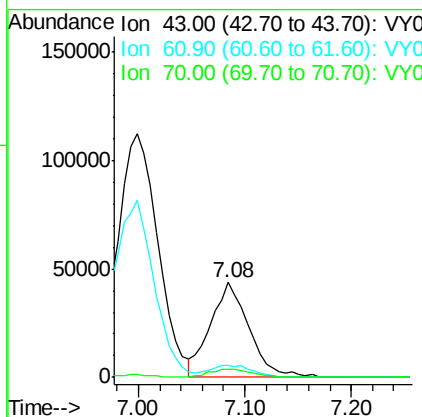
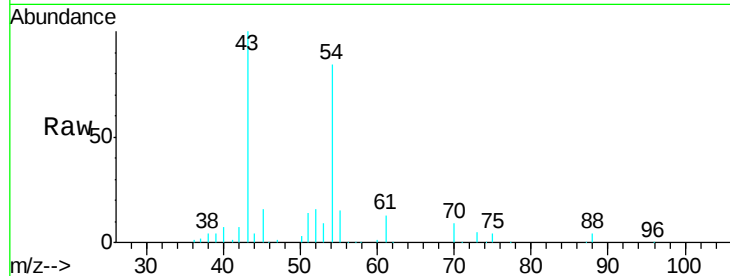
#37
Ethyl Acetate
Concen: 45.733 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.2	15.2
70	9.7	7.8	11.8

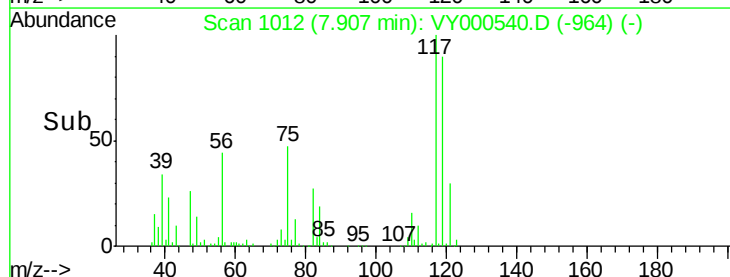
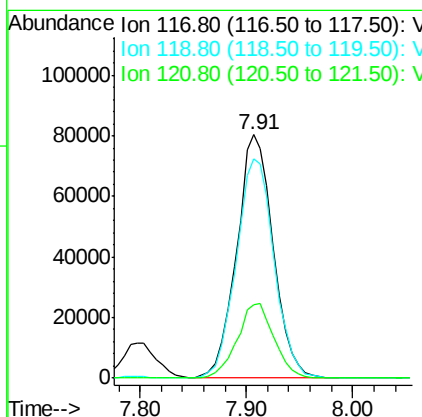
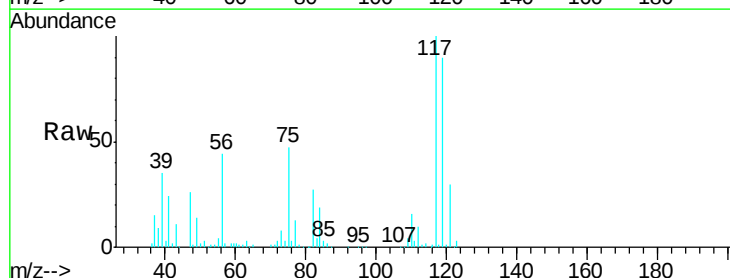
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#38
Carbon Tetrachloride
Concen: 49.789 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	78.0	117.0
121	29.9	26.6	40.0





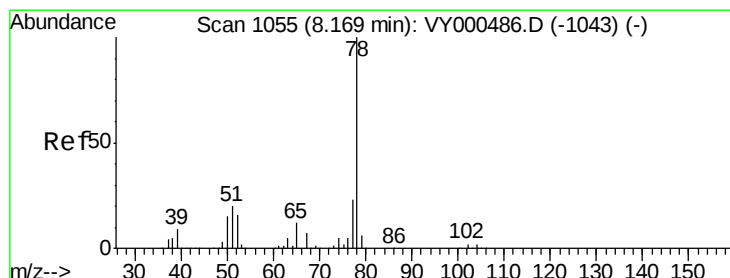
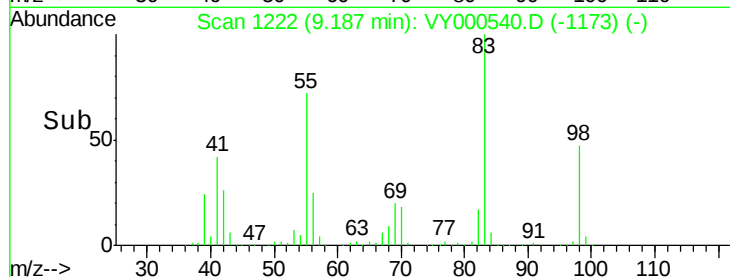
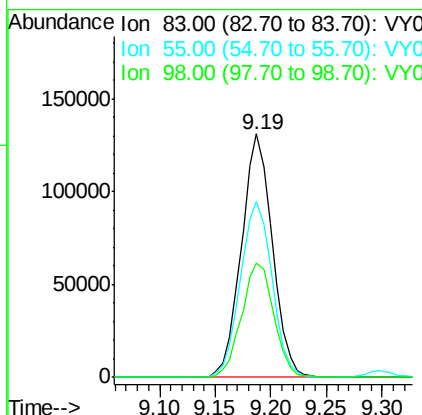
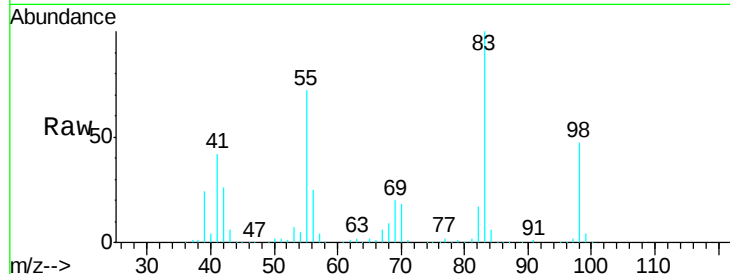
#39
Methylcyclohexane
Concen: 48.462 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	253313		
55	72.1		57.5	86.3
98	47.1		38.0	57.0

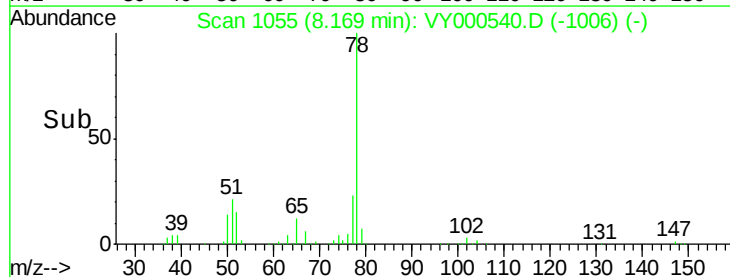
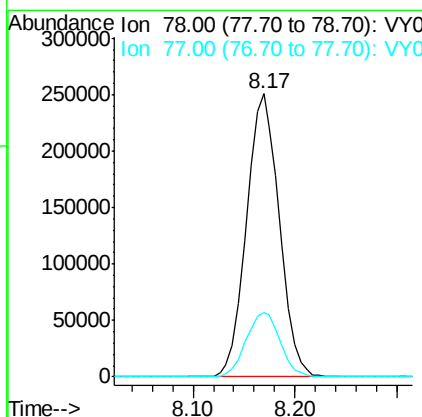
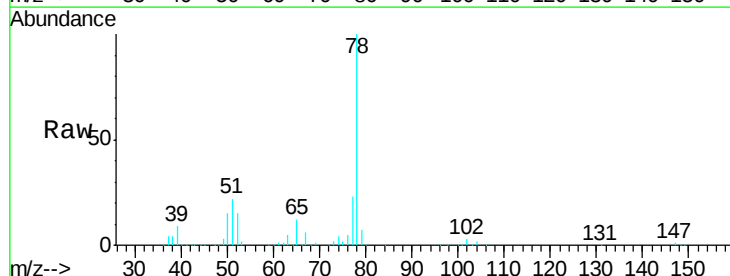
Manual Integrations
APPROVED

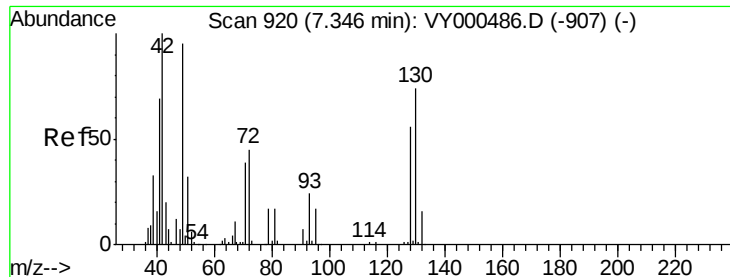
MMDadoda
11/8/2019 10:39:04 AM



#40
Benzene
Concen: 47.220 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	560115		
77	22.8		18.6	28.0





#41

Methacrylonitrile

Concen: 45.625 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 61139
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

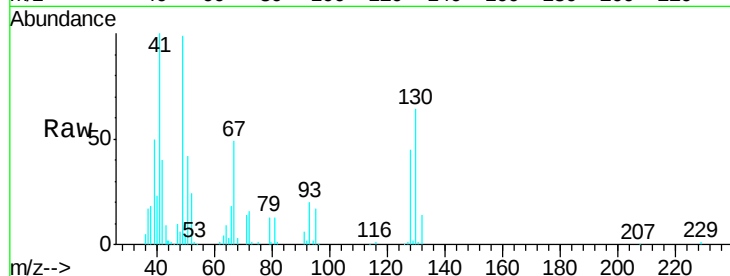
67 0.0 0.0 0.0

52 0.0 0.0 0.0

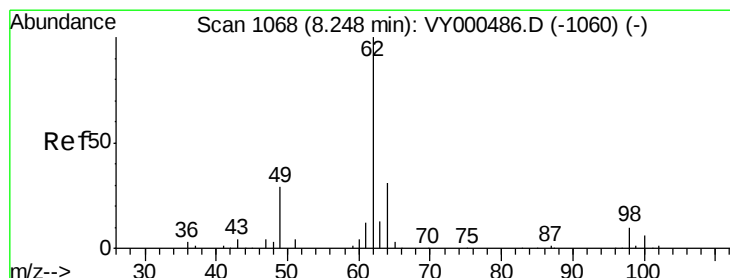
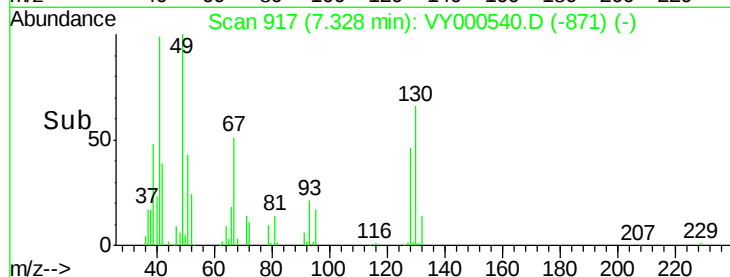
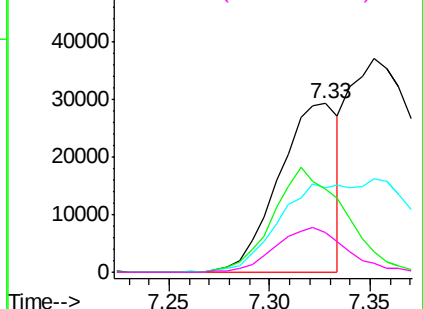
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 48.092 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

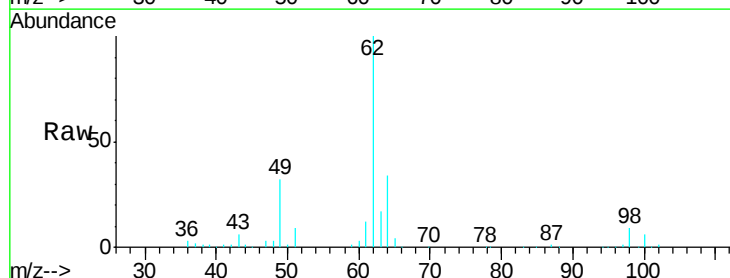
Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

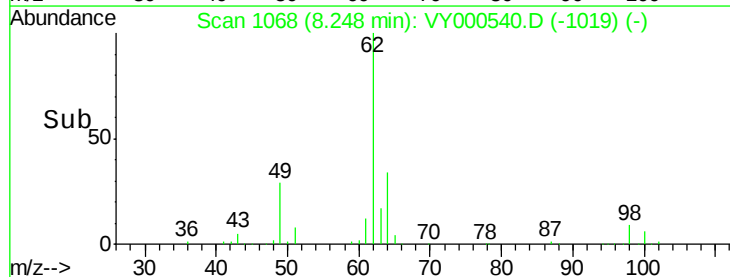
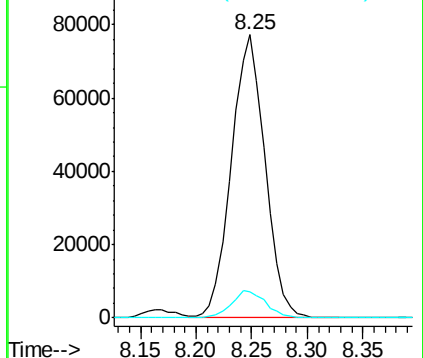
Tgt Ion: 62 Resp: 161798
Ion Ratio Lower Upper

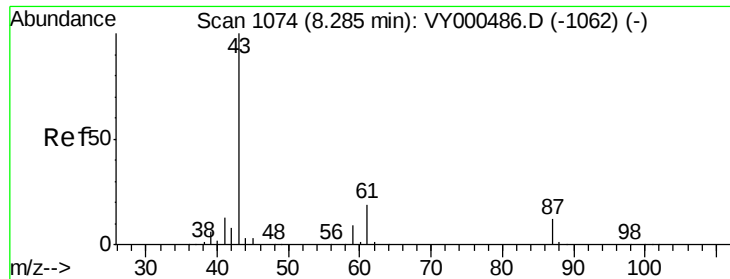
62 100

98 9.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





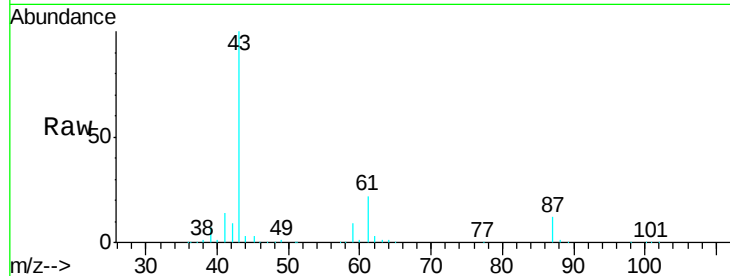
#43
Isopropyl Acetate
Concen: 47.974 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.0	34.4
87	12.7	10.5	15.7

Manual Integrations
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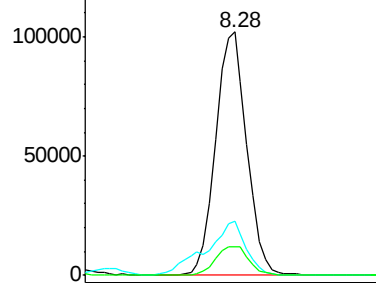
MMDadoda
11/8/2019 10:39:04 AM



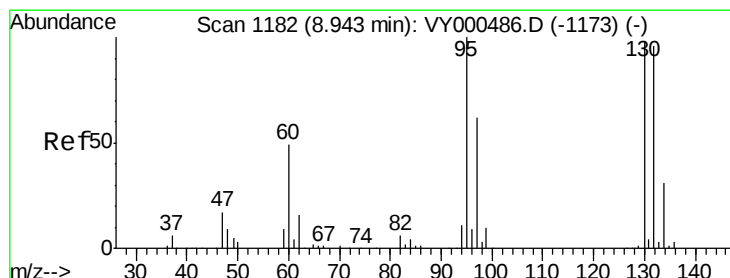
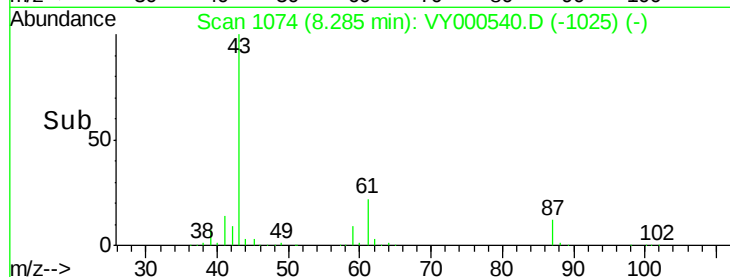
Abundance Ion 43.00 (42.70 to 43.70): VY000540.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000540.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000540.D (-1062) (-)

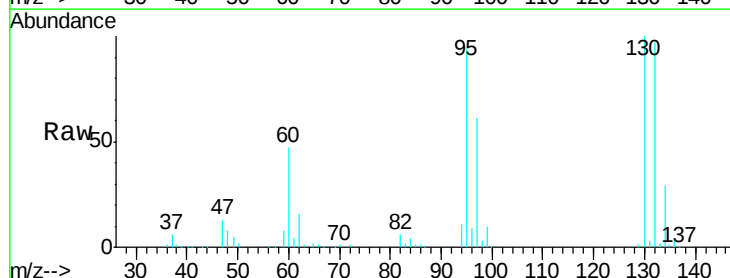


Time-->



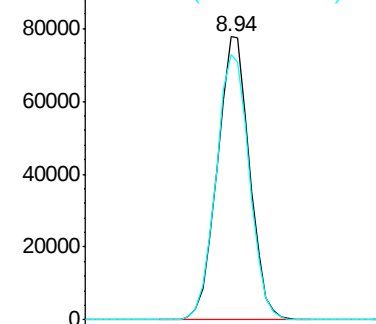
#44
Trichloroethene
Concen: 48.090 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	203.2

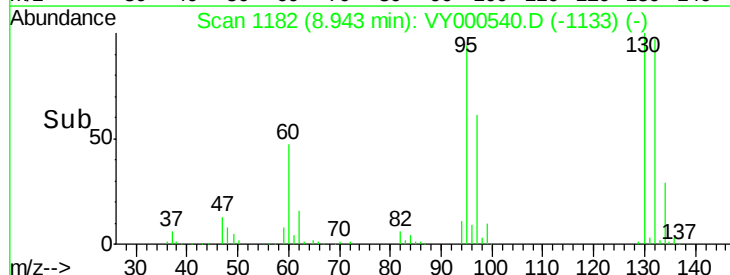


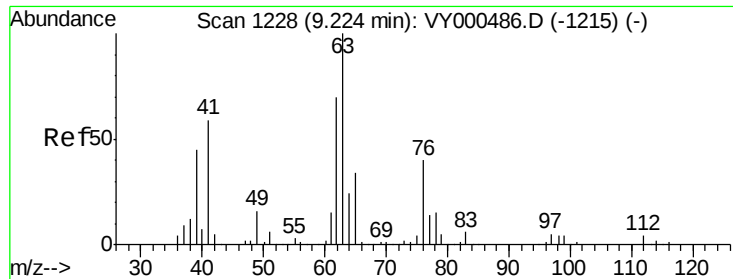
Abundance Ion 129.80 (129.50 to 130.50): VY000540.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000540.D (-1173) (-)



Time-->





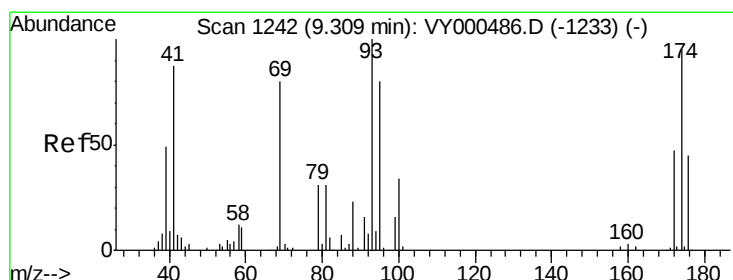
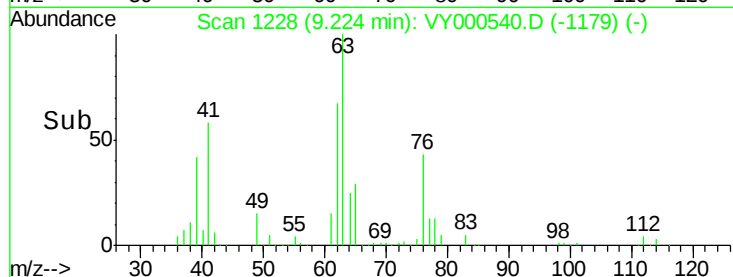
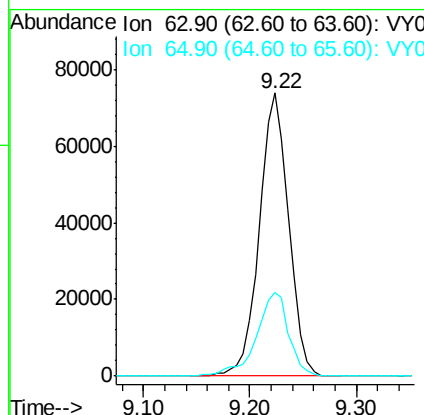
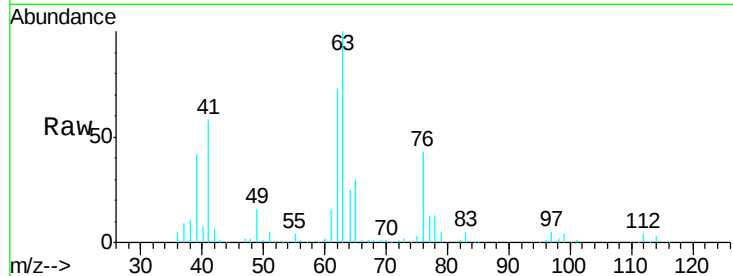
#45
 1,2-Dichloropropane
 Concen: 48.756 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 142338
 Ion Ratio Lower Upper
 63 100
 65 29.8 27.0 40.4

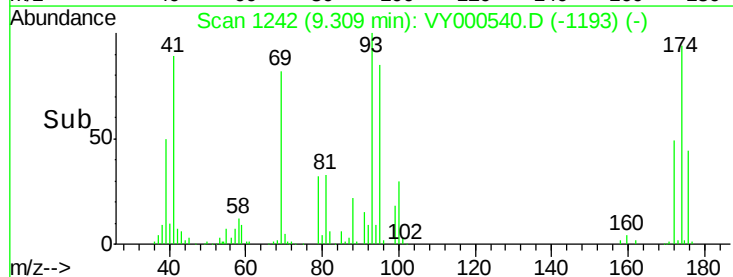
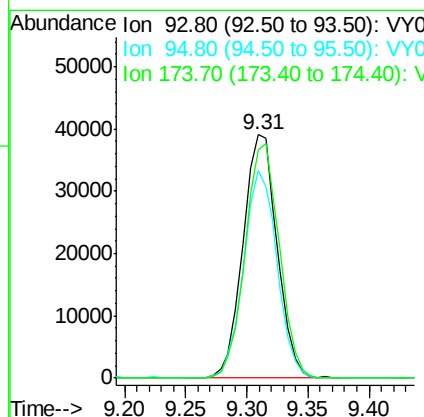
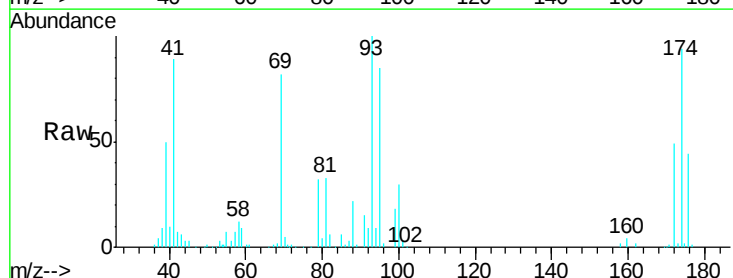
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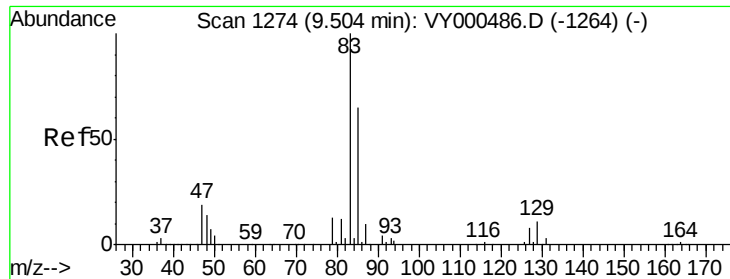
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#46
 Dibromomethane
 Concen: 47.170 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 93 Resp: 75735
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 96.6 77.1 115.7





#47

Bromodichloromethane

Concen: 49.186 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

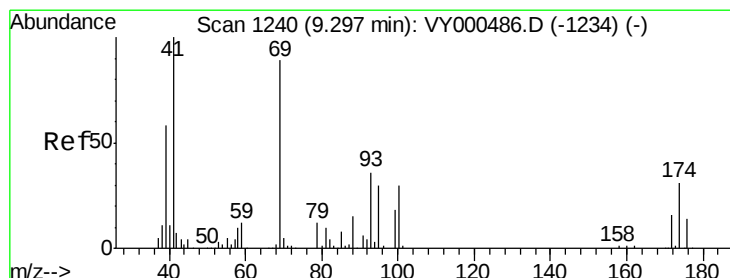
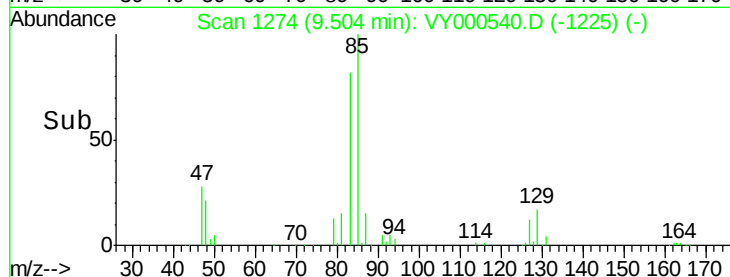
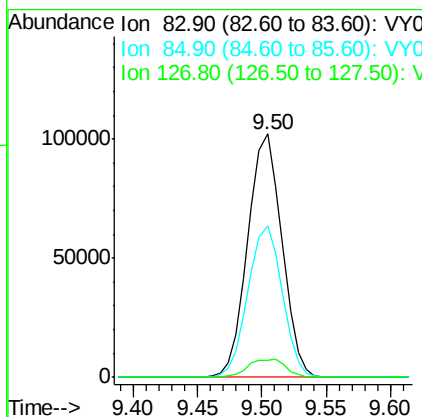
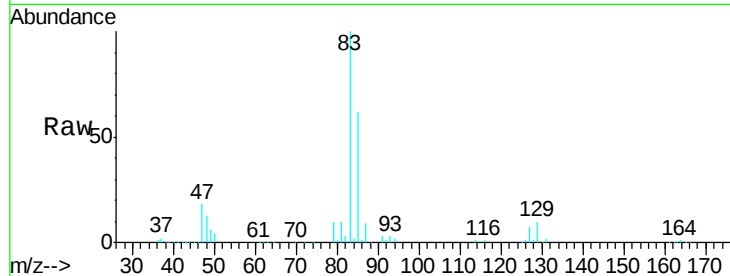
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	187385
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.8
127	7.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.143 ug/l

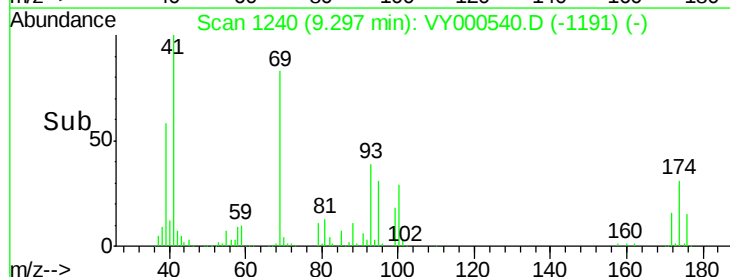
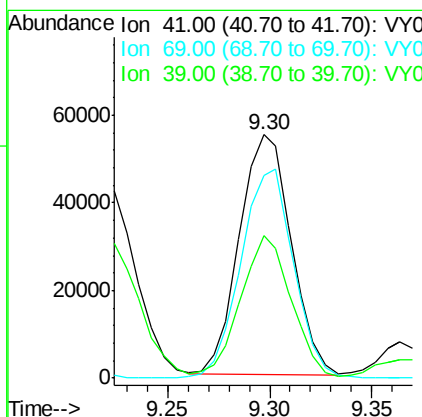
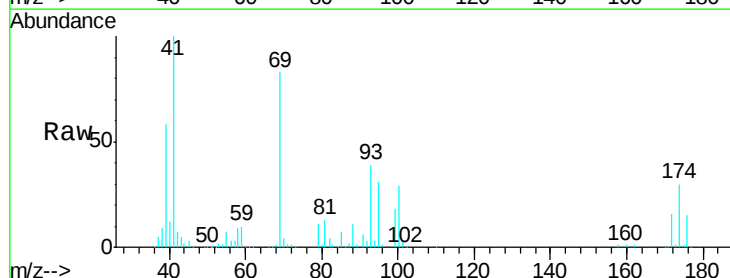
RT: 9.30 min Scan# 1240

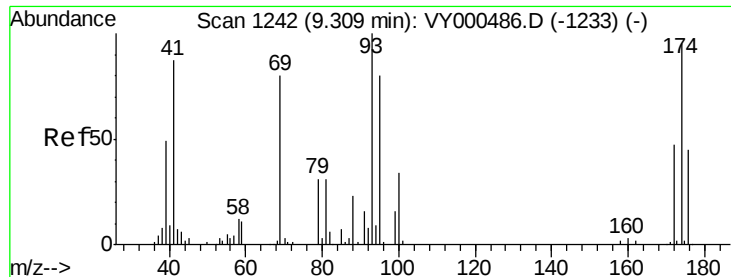
Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion:	41	Resp:	96889
Ion	Ratio	Lower	Upper
41	100		
69	88.5	72.5	108.7
39	58.4	47.8	71.8





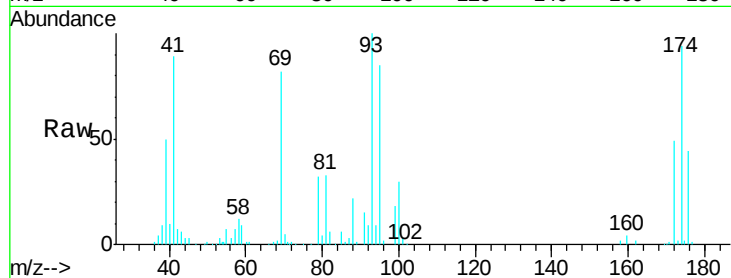
#49
1,4-Dioxane
Concen: 932.872 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

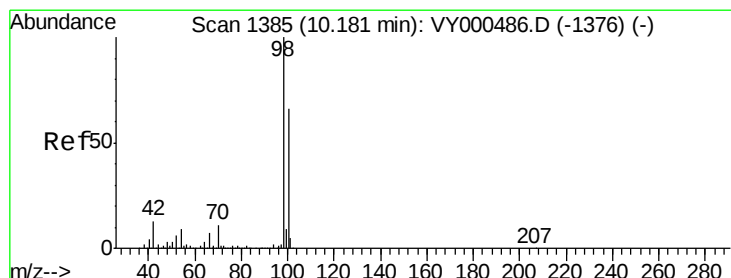
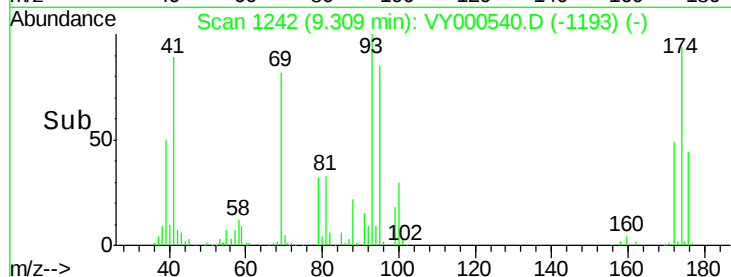
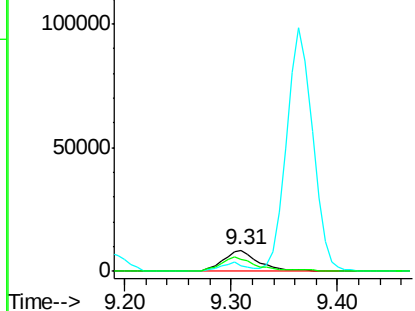
Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.1	37.7
58	63.0	50.6	75.8

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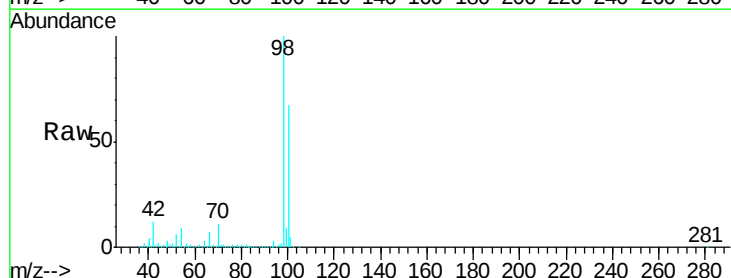


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

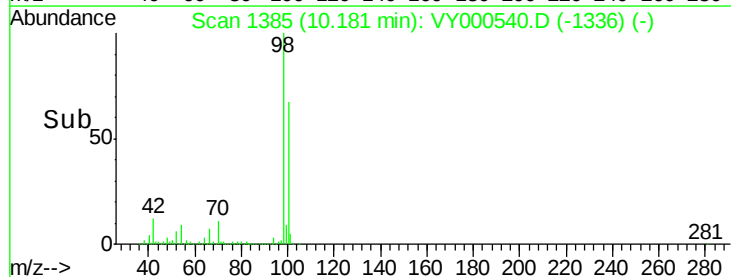
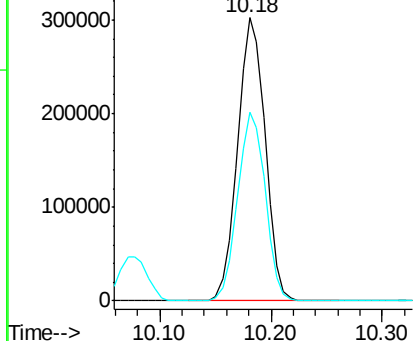


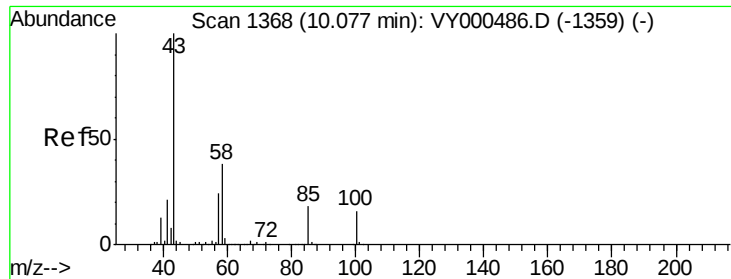
#50
Toluene-d8
Concen: 54.256 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3



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





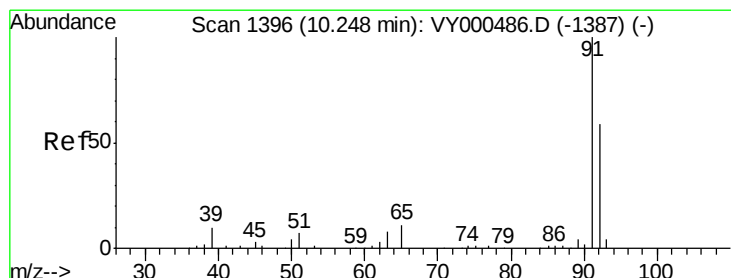
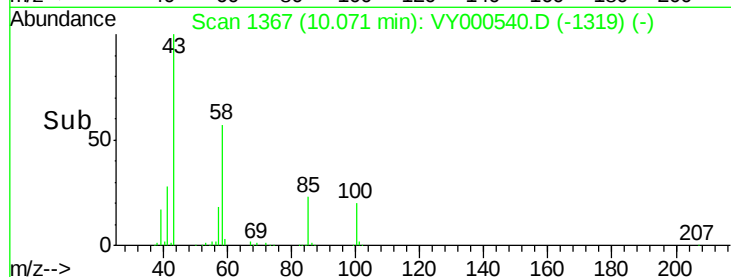
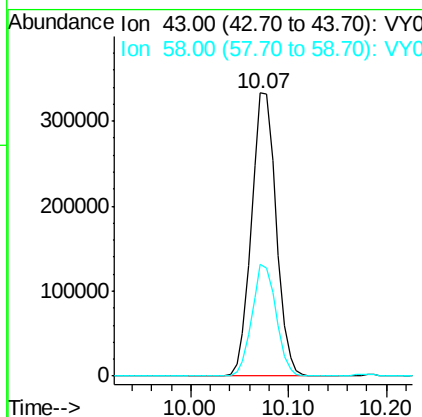
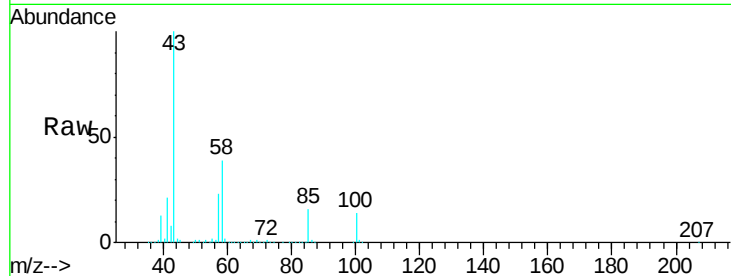
#51
 4-Methyl-2-Pentanone
 Concen: 243.975 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 585322
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.2 45.4

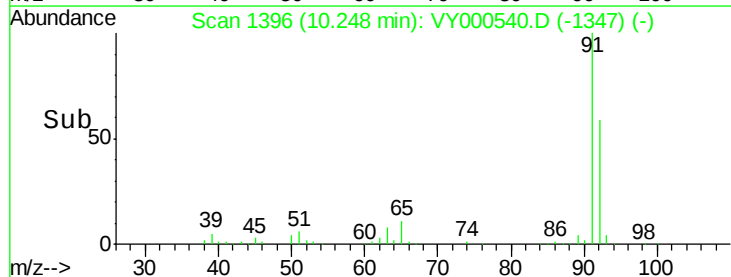
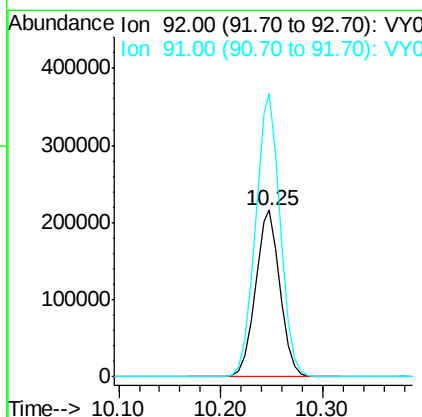
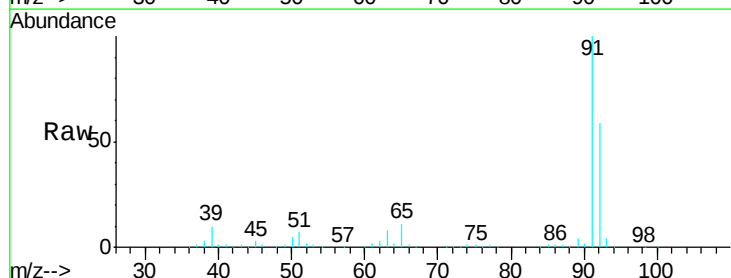
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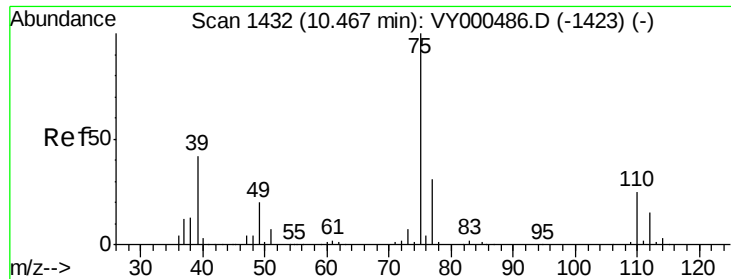
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#52
 Toluene
 Concen: 48.248 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 92 Resp: 361836
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.3 204.5





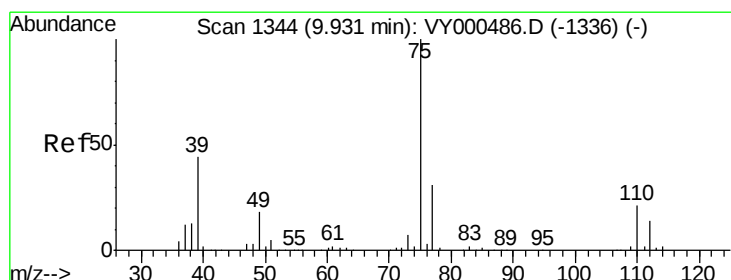
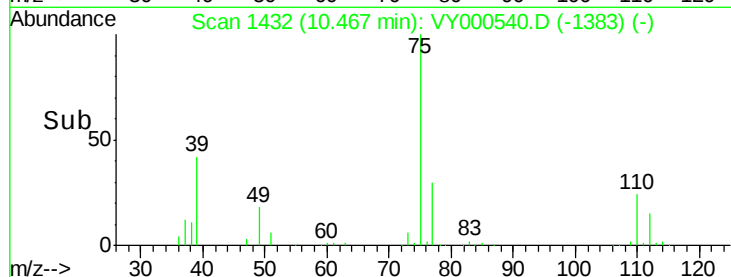
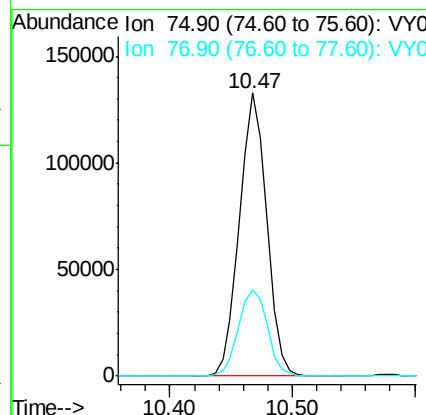
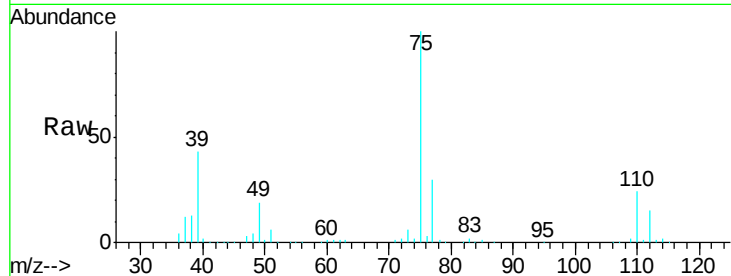
#53
t-1,3-Dichloropropene
Concen: 50.236 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 204491
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0

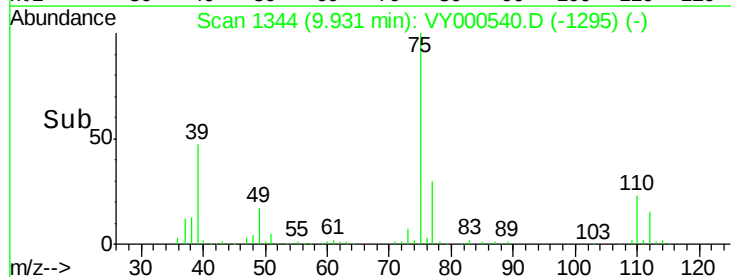
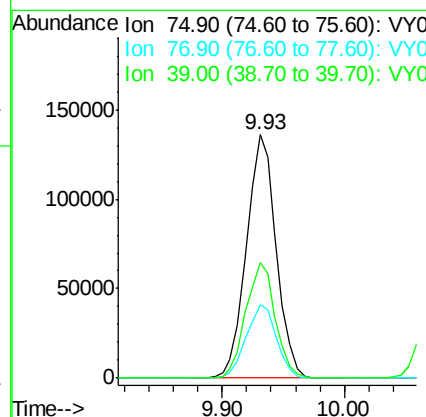
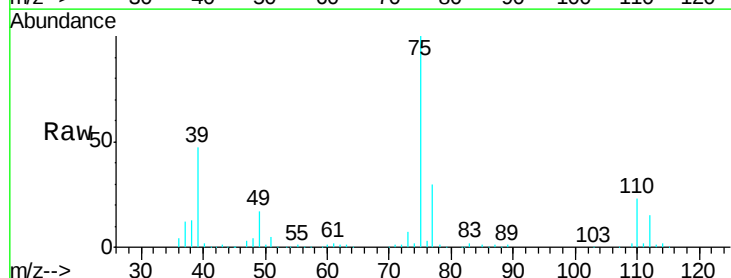
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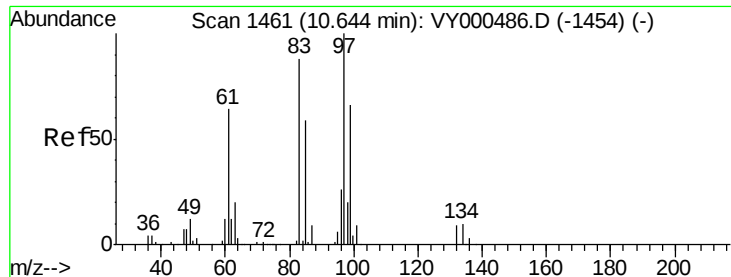
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#54
cis-1,3-Dichloropropene
Concen: 49.032 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 75 Resp: 228654
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7
39 47.3 35.4 53.2





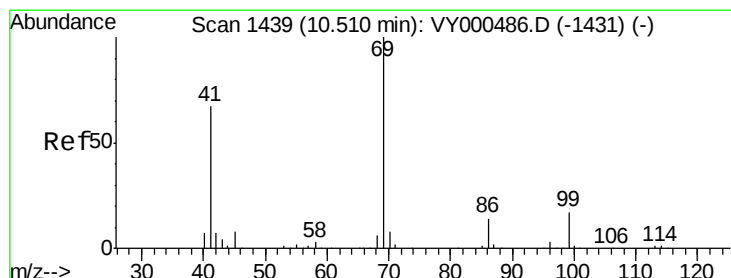
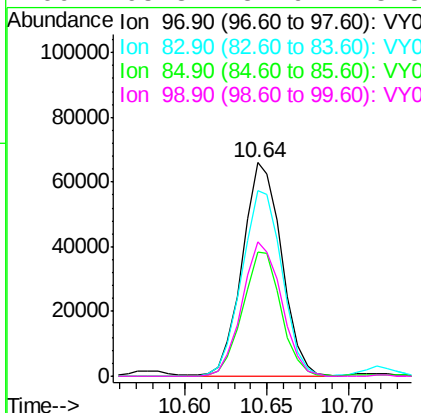
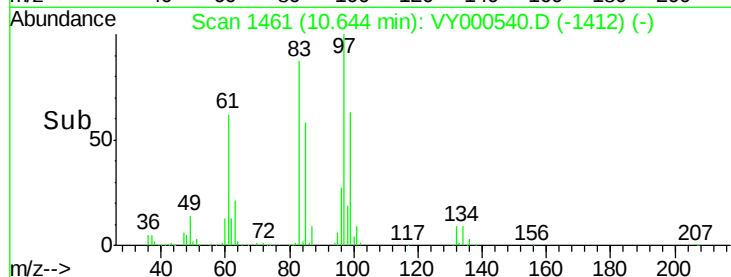
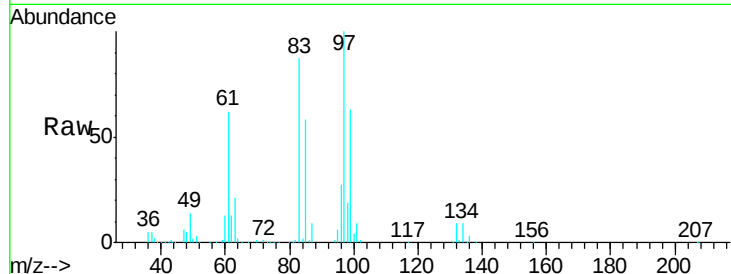
#55
 1,1,2-Trichloroethane
 Concen: 47.435 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.4
85	58.5	46.9	70.3
99	63.3	52.6	78.8

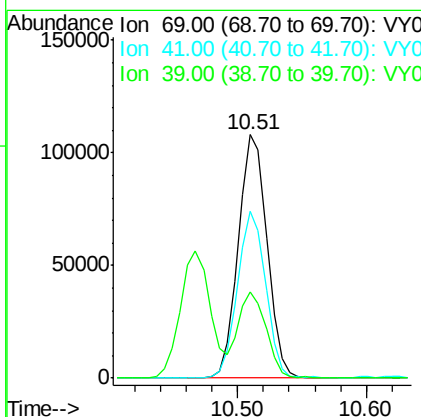
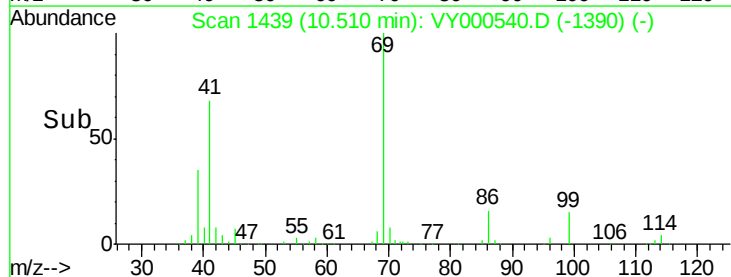
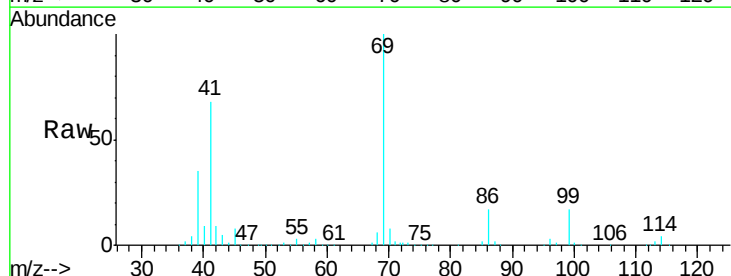
Manual Integrations
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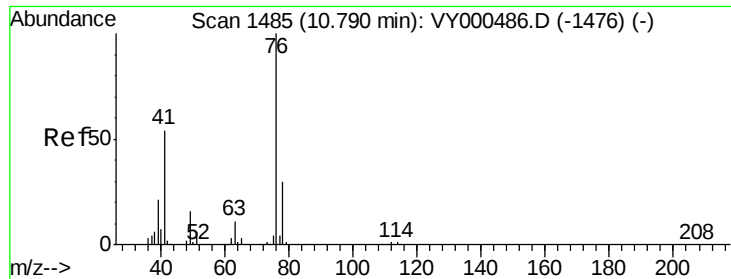
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 11/8/2019 10:39:04 AM



#56
 Ethyl methacrylate
 Concen: 50.642 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.3	79.9
39	34.0	28.0	42.0





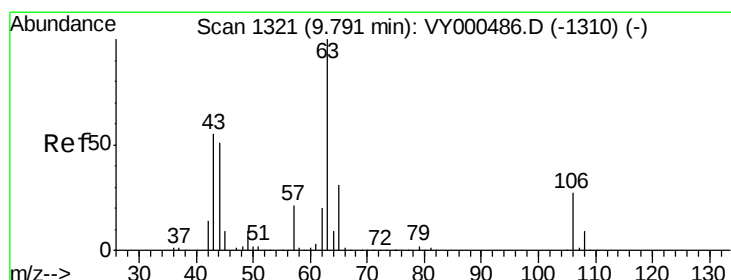
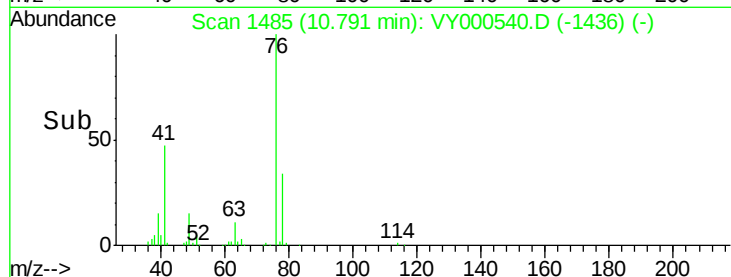
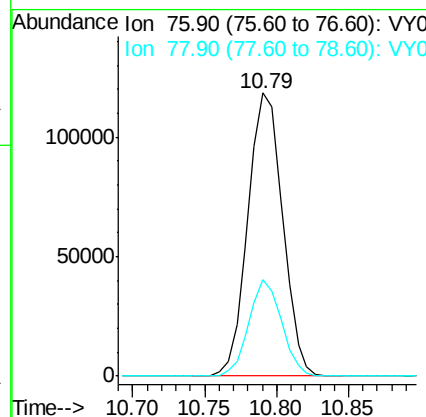
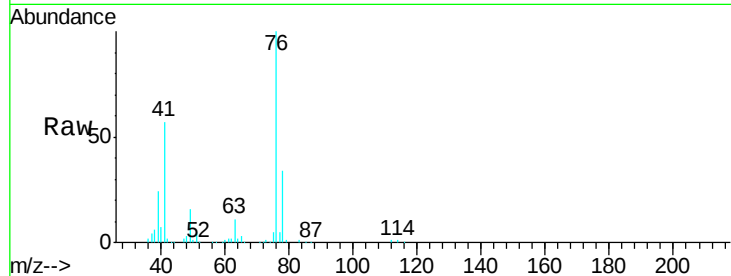
#57
 1,3-Dichloropropane
 Concen: 48.684 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 197874
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8

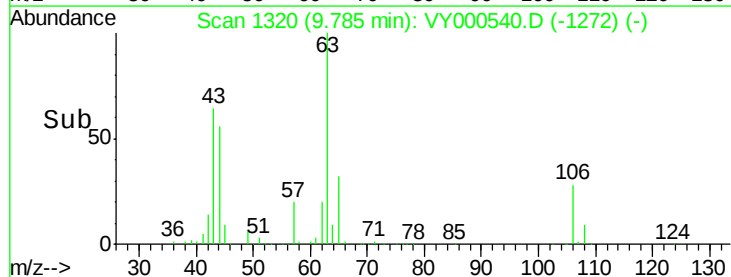
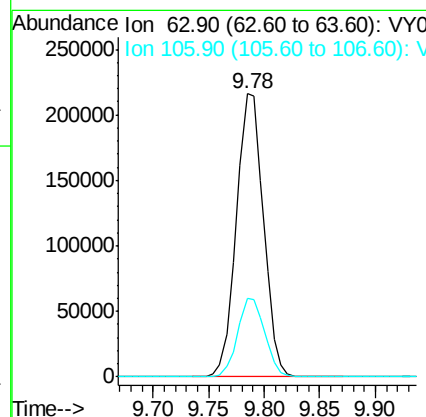
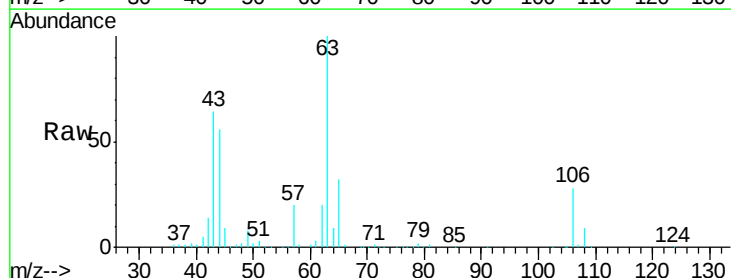
Manual Integrations
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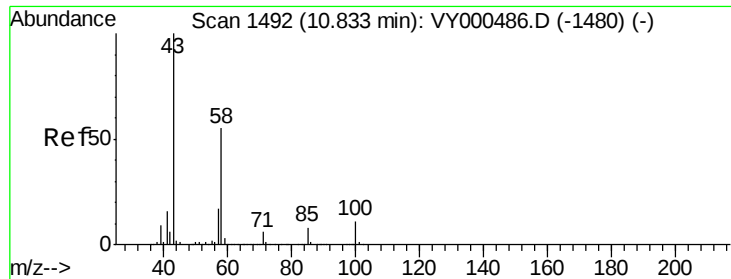
MMDadoda
 11/8/2019 10:39:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.860 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 63 Resp: 364355
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 33.8





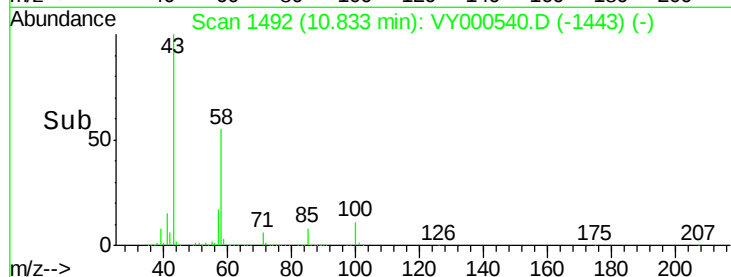
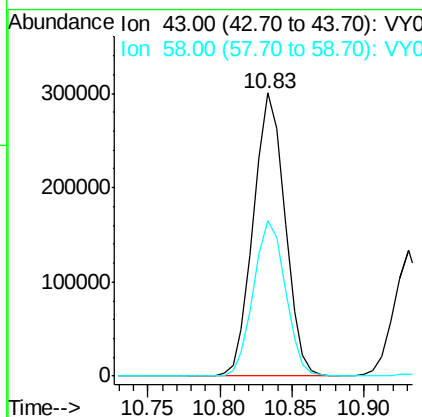
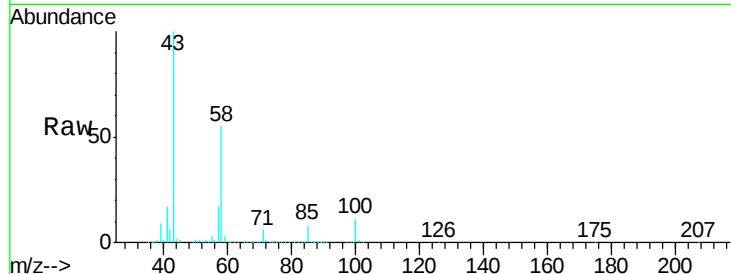
#59
2-Hexanone
Concen: 261.185 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 456546
Ion Ratio Lower Upper
43 100
58 55.5 27.1 81.3

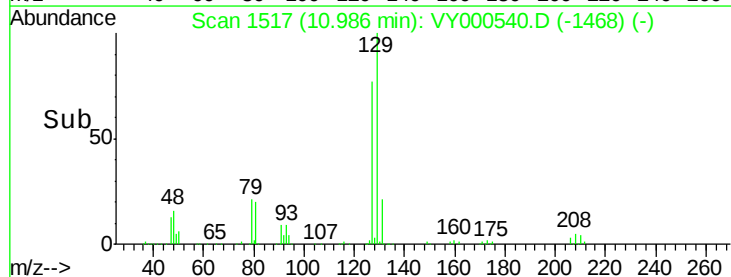
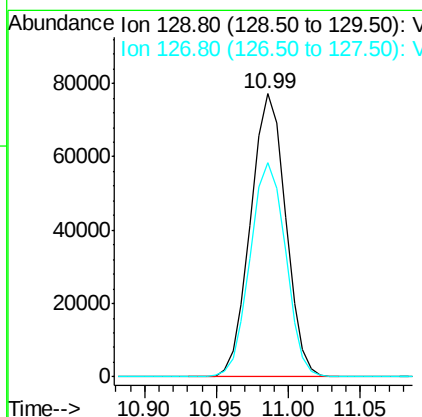
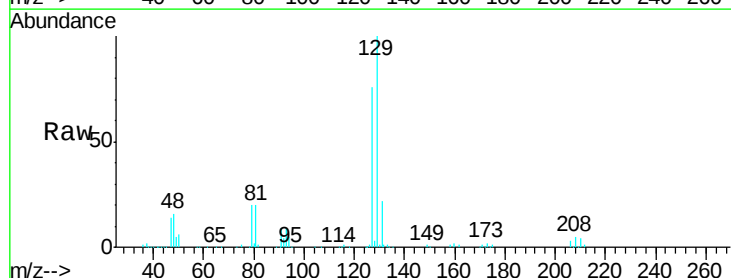
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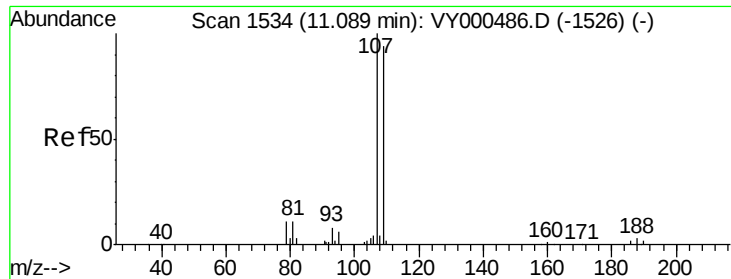
MMDadoda
11/8/2019 10:39:04 AM



#60
Dibromochloromethane
Concen: 48.955 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 129 Resp: 130218
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





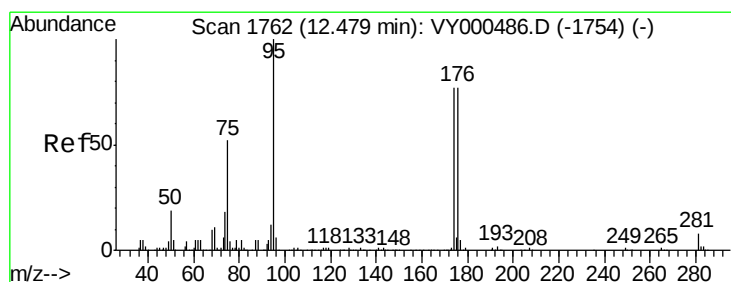
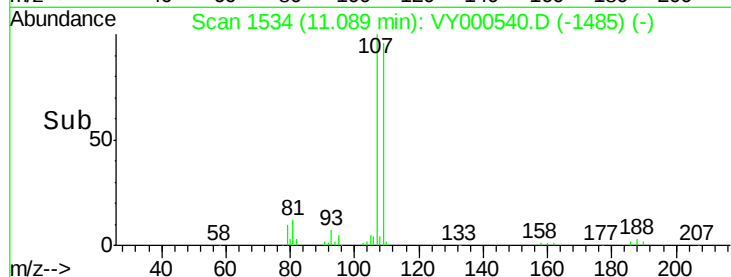
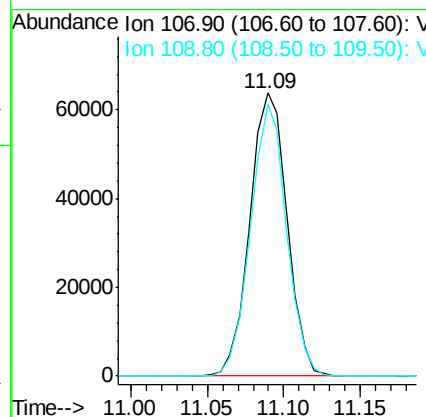
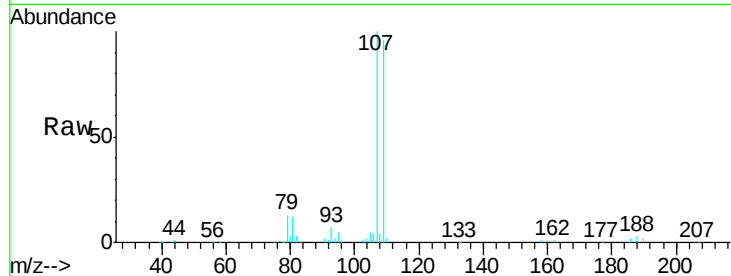
#61
 1,2-Dibromoethane
 Concen: 48.322 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.0	73.6	110.4

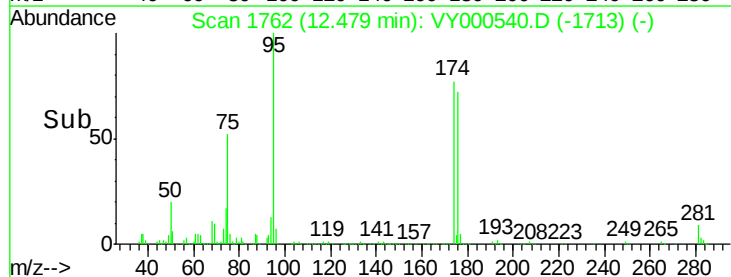
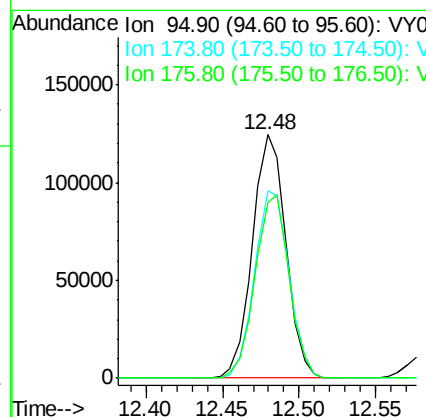
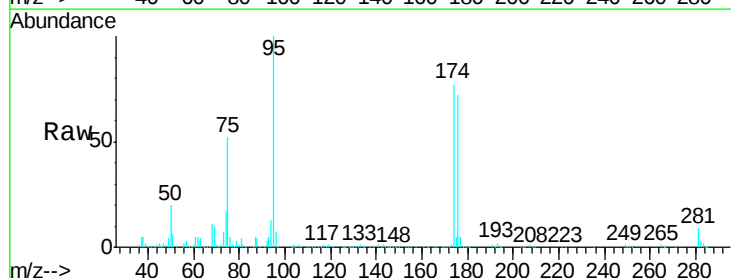
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#62
 4-Bromofluorobenzene
 Concen: 52.207 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	161.6
176	76.8	0.0	157.8





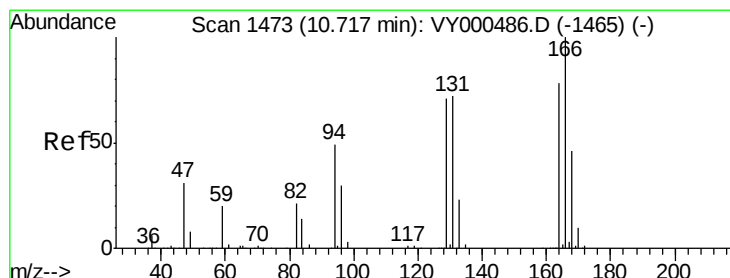
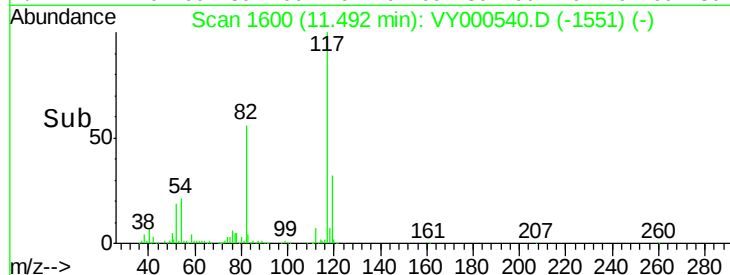
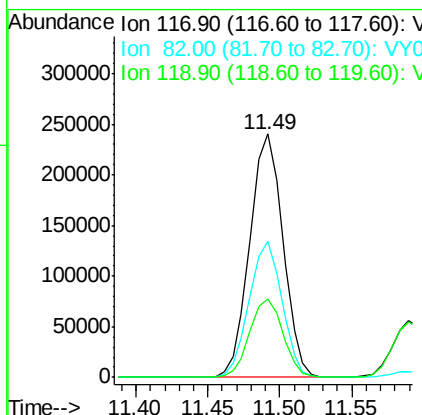
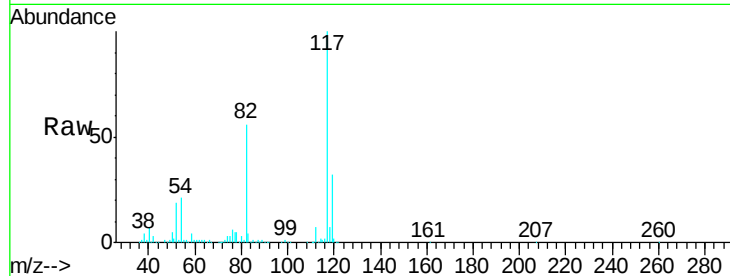
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	383340		
82	56.1		40.8	61.2
119	32.0		26.2	39.2

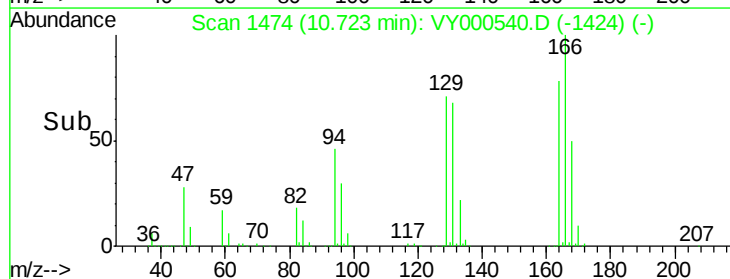
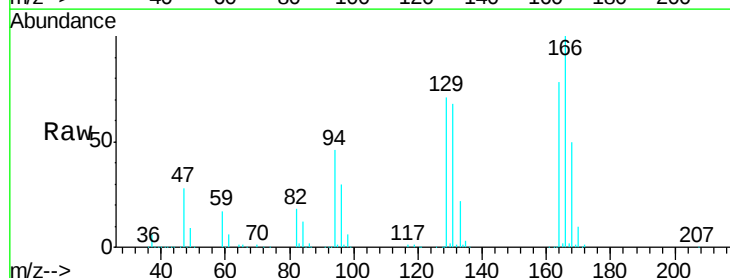
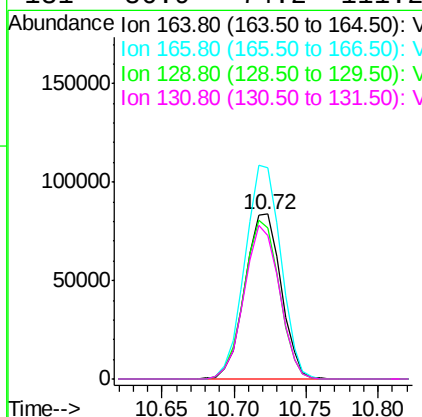
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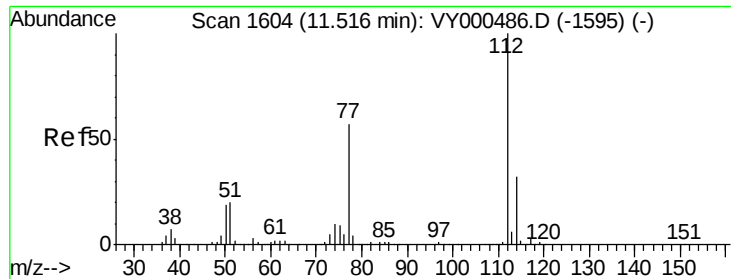
MMDadoda
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#64
Tetrachloroethene
Concen: 46.019 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145870		
166	128.0		102.7	154.1
129	91.4		73.2	109.8
131	86.9		74.2	111.2





#65

Chlorobenzene

Concen: 48.681 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 378358

Ion Ratio Lower Upper

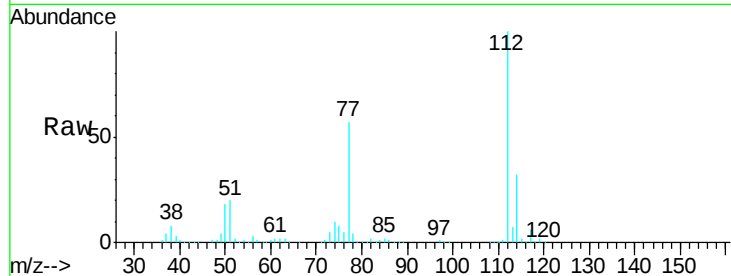
112 100

114 31.8 25.3 37.9

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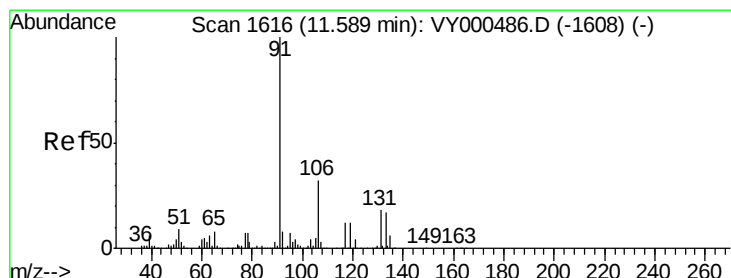
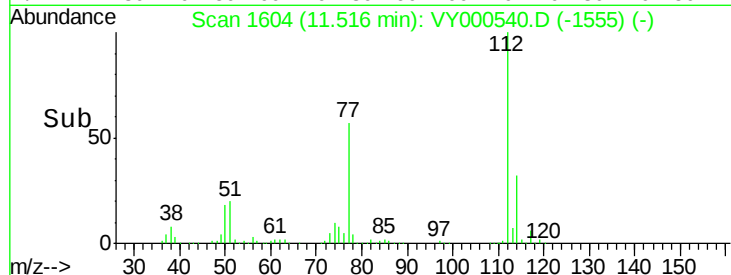
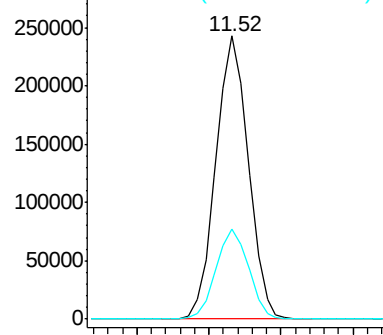
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.780 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

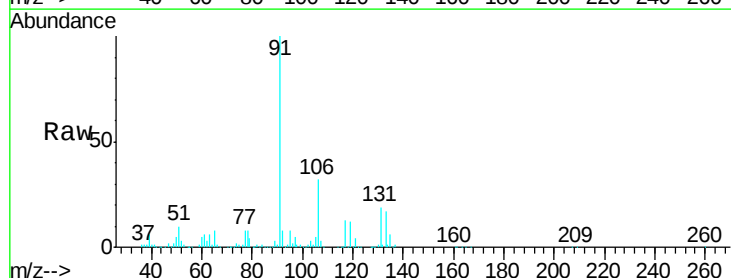
Tgt Ion:131 Resp: 136877

Ion Ratio Lower Upper

131 100

133 92.4 47.9 143.8

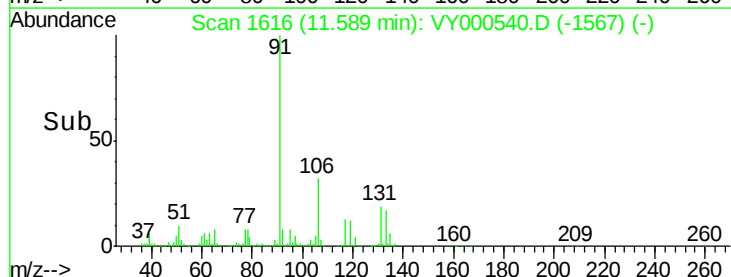
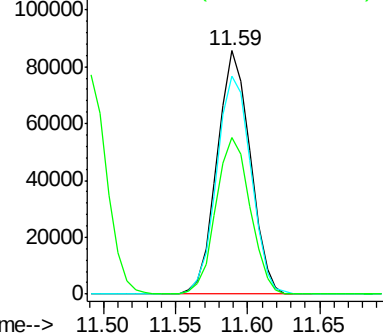
119 66.0 33.1 99.3

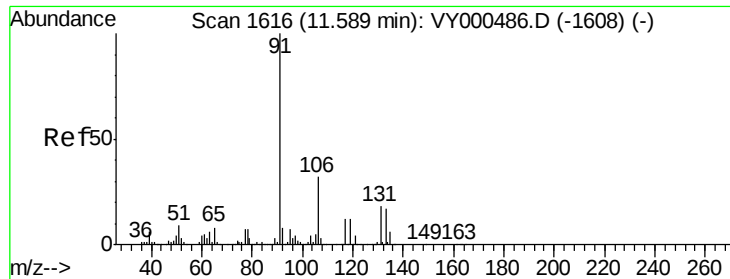


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





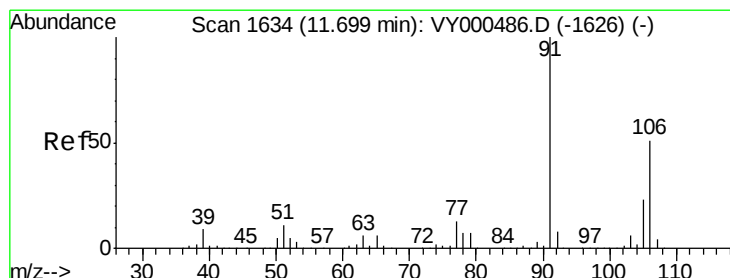
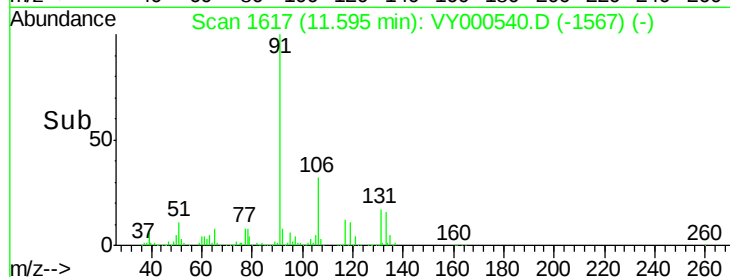
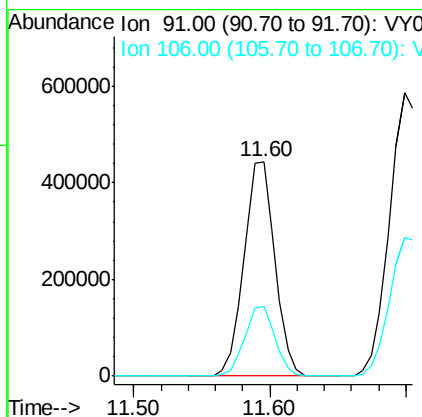
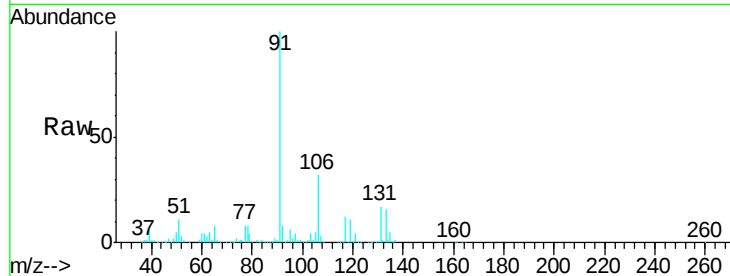
#67
Ethyl Benzene
Concen: 49.266 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 704709
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.0

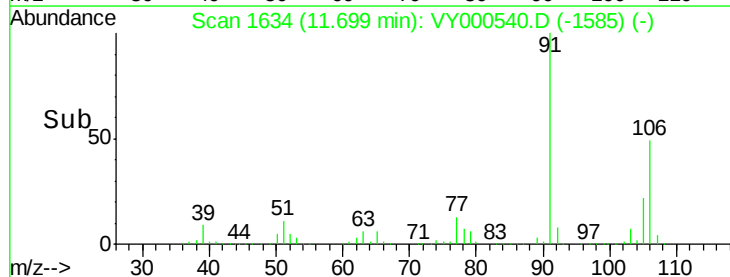
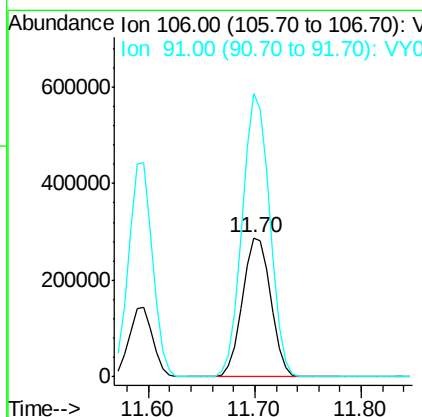
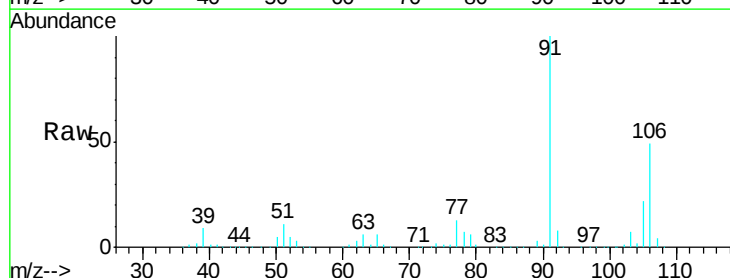
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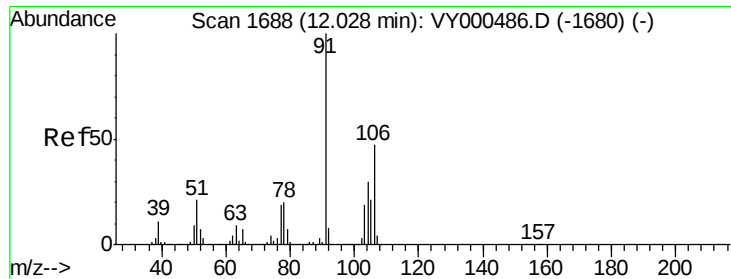
MMDadoda
11/8/2019 10:39:04 AM



#68
m/p-Xylenes
Concen: 97.252 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 106 Resp: 538414
Ion Ratio Lower Upper
106 100
91 197.9 155.9 233.9





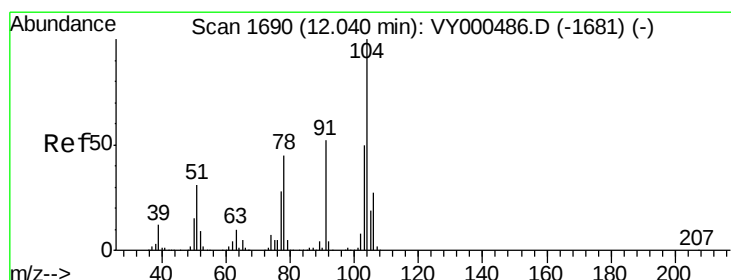
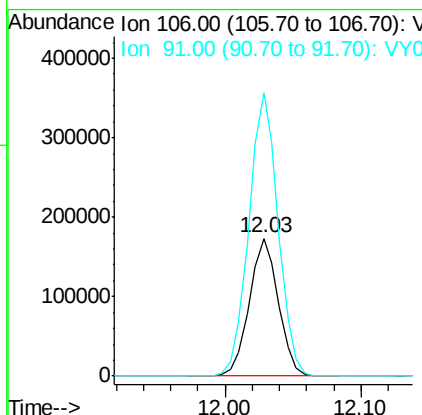
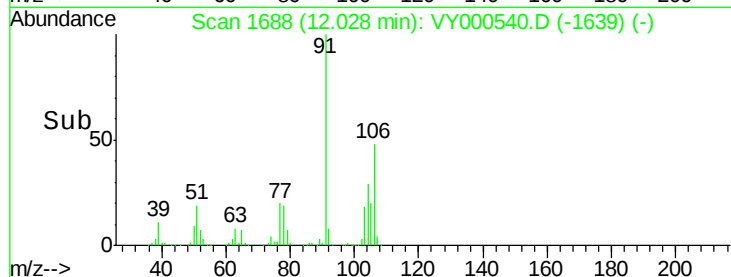
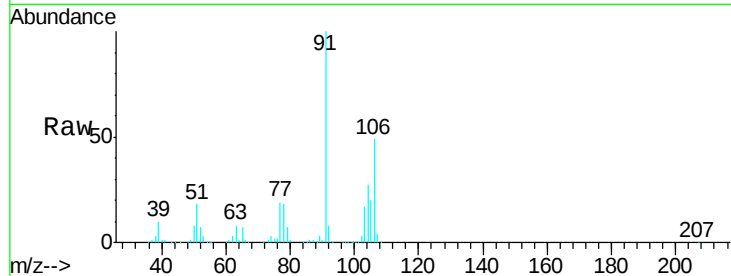
#69
o-Xylene
Concen: 49.783 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 259029
Ion Ratio Lower Upper
106 100
91 207.0 106.5 319.6

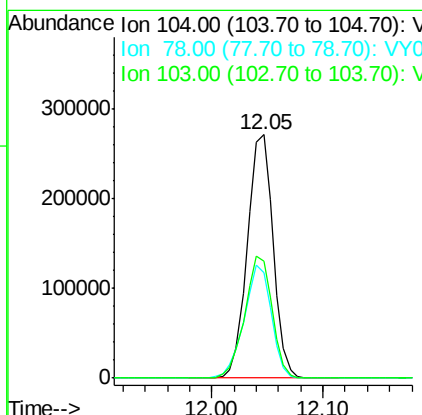
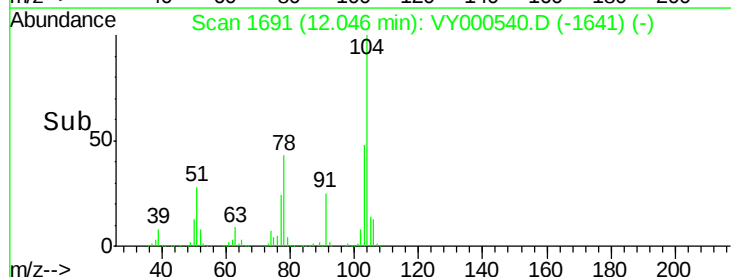
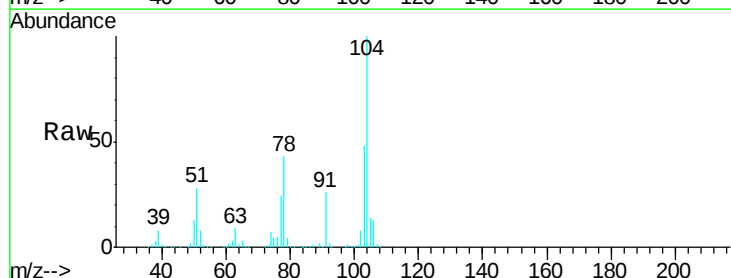
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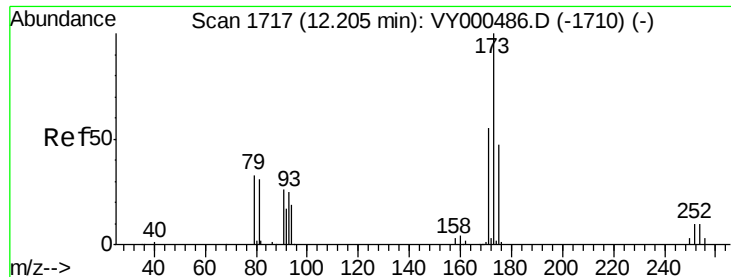
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#70
Styrene
Concen: 49.110 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion:104 Resp: 437551
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 52.8 42.5 63.7





#71

Bromoform

Concen: 49.010 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 75983

Ion Ratio Lower Upper

173 100

175 50.2 24.4 73.2

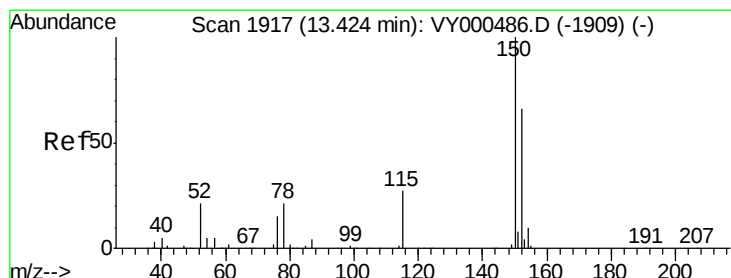
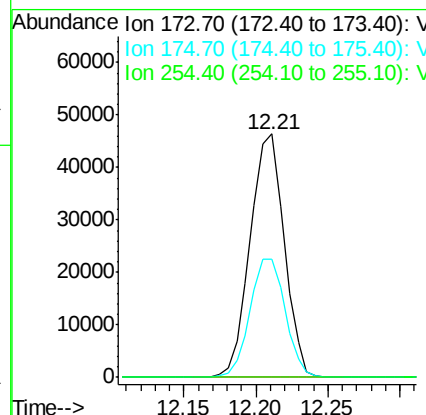
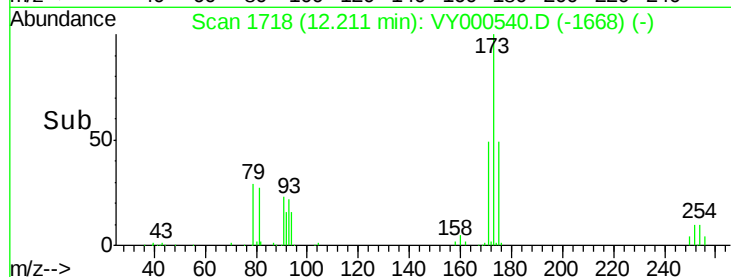
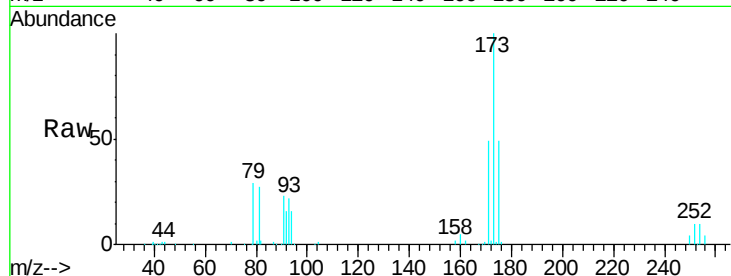
254 0.0 0.1 0.1#

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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: VY000540.D

Acq: 06 Nov 2019 10:37

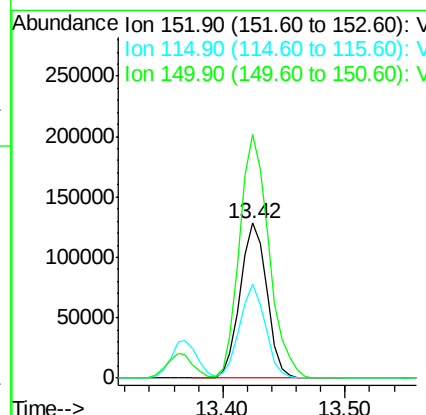
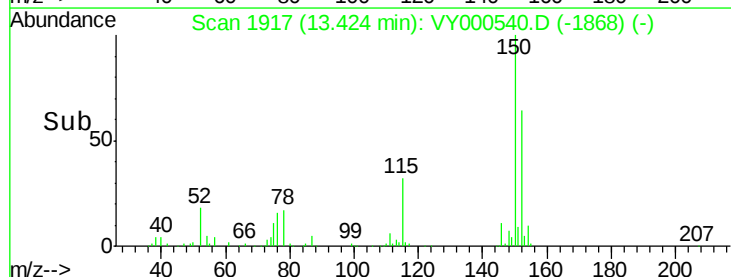
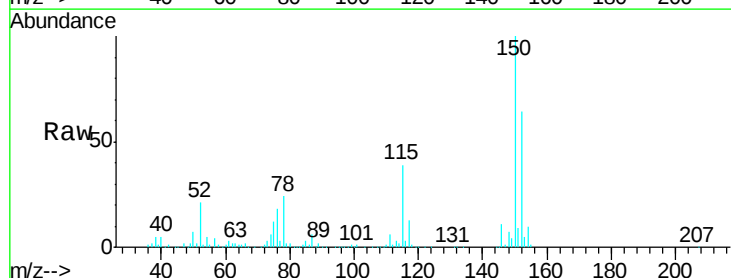
Tgt Ion:152 Resp: 192863

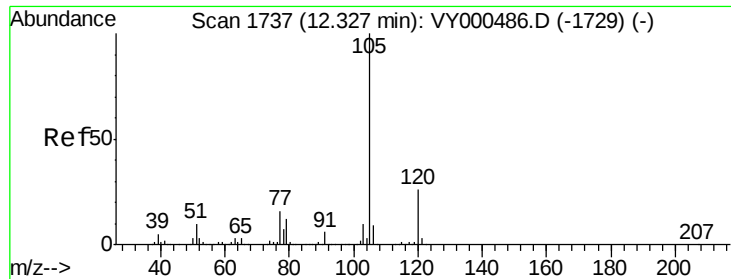
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

150 172.9 0.0 348.8





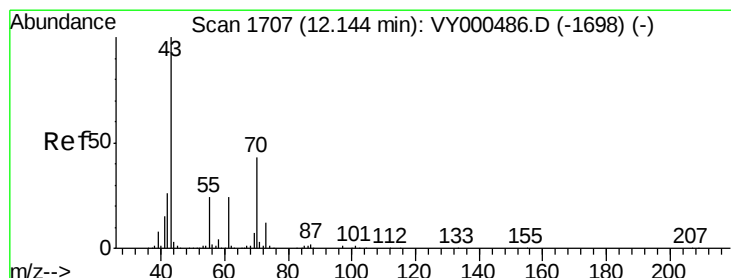
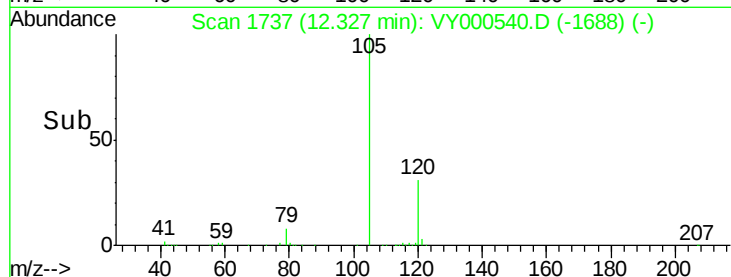
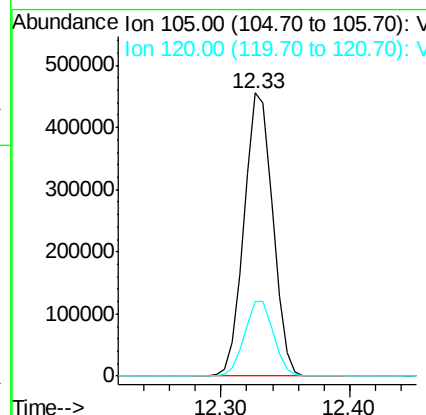
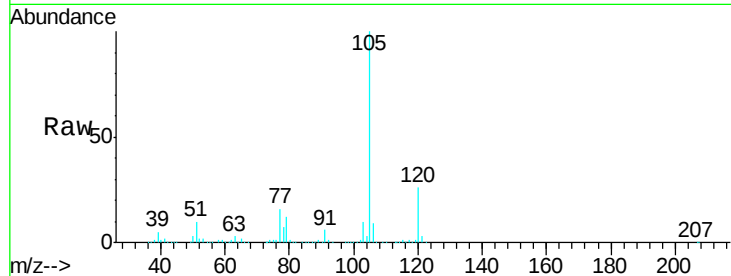
#73
Isopropylbenzene
Concen: 48.979 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	698146		
120	26.7	13.5	40.4	

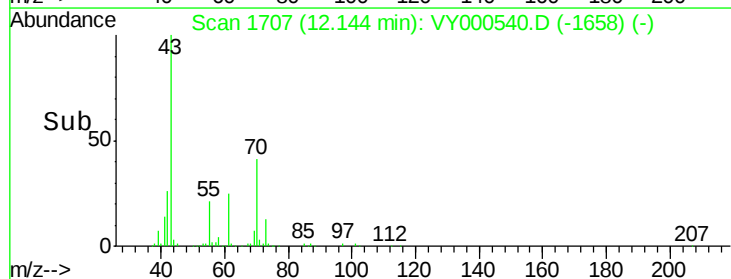
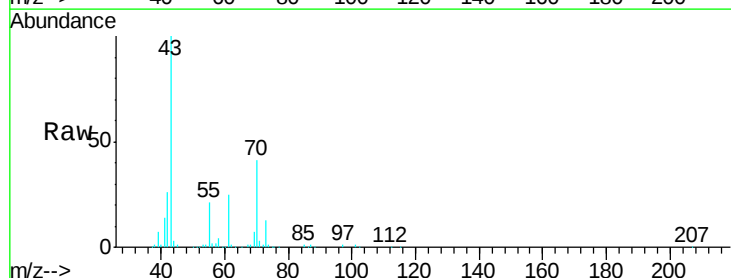
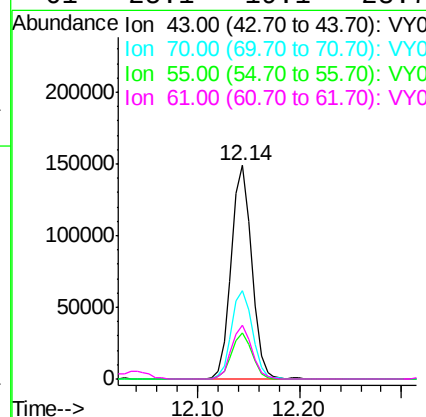
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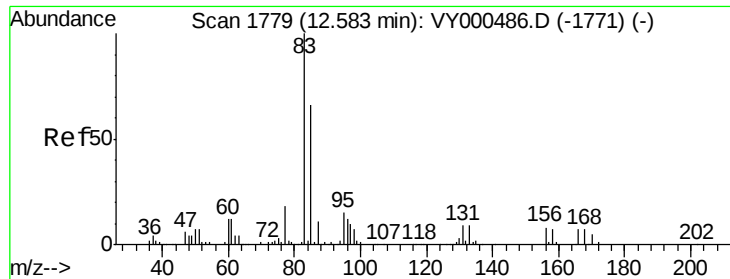
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11/8/2019 10:39:04 AM



#74
N-ethyl acetate
Concen: 50.813 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	207435		
70	42.2	33.1	49.7	
55	21.7	18.0	27.0	
61	25.1	19.1	28.7	





#75

1,1,2,2-Tetrachloroethane

Concen: 48.945 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

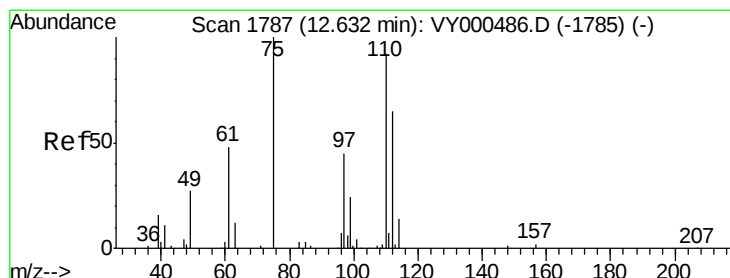
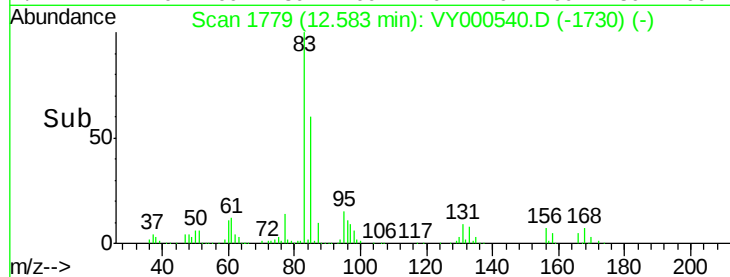
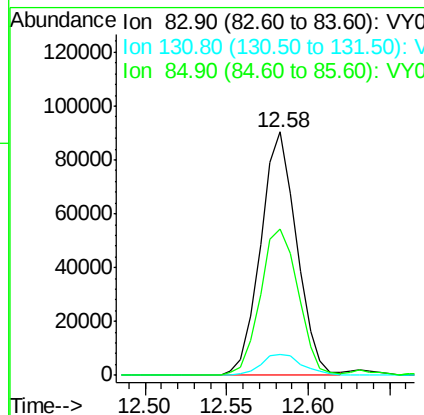
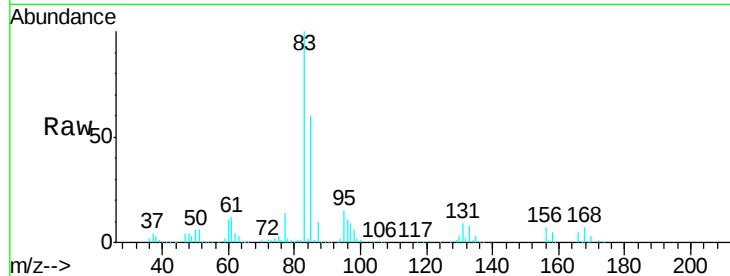
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	138137
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	63.5	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 46.011 ug/l m

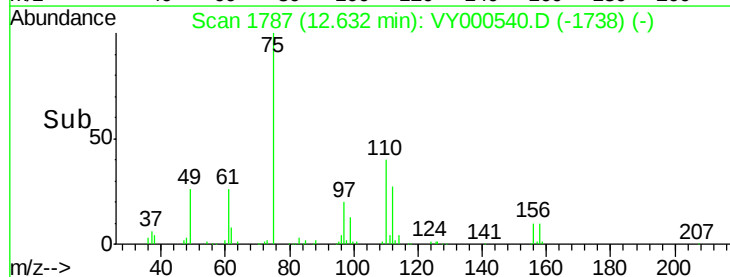
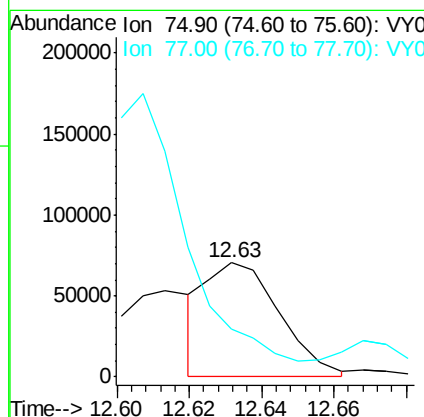
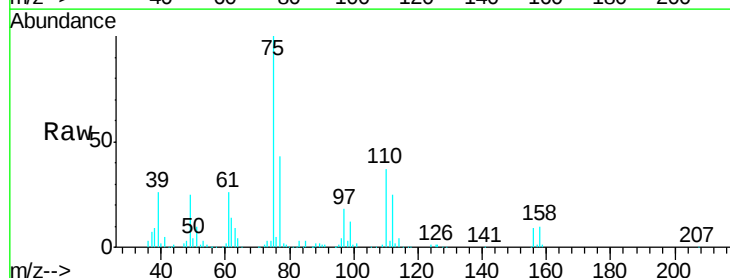
RT: 12.63 min Scan# 1787

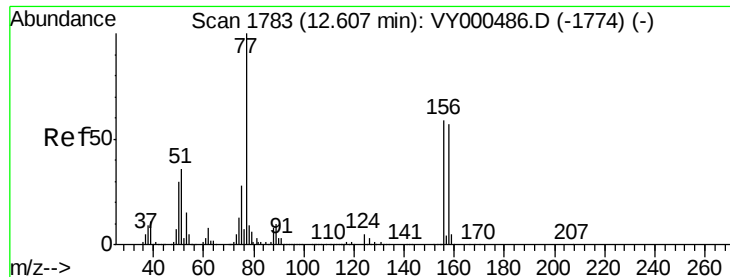
Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion:	75	Resp:	101040
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.921 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

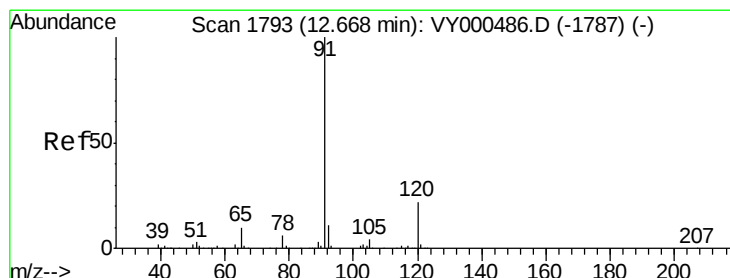
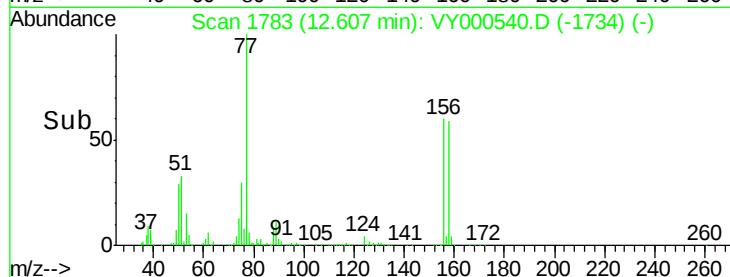
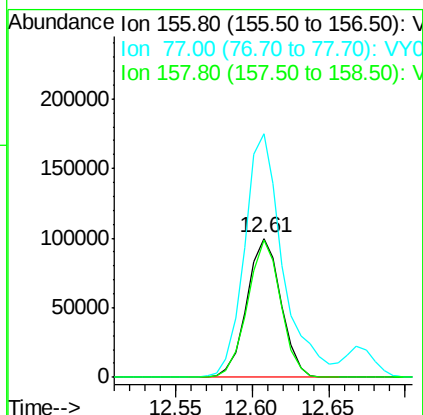
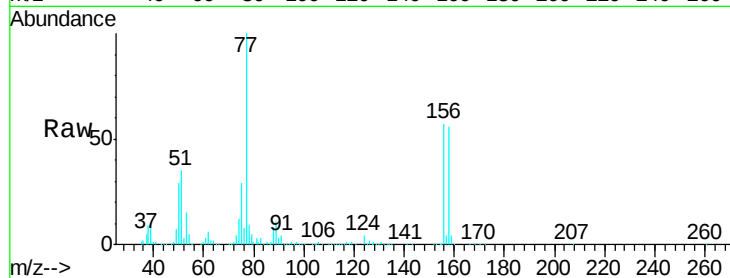
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	154898
Ion Ratio	Lower	Upper	
156	100		
77	195.9	98.2	294.4
158	95.9	49.6	149.0

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#78

n-propylbenzene

Concen: 48.775 ug/l

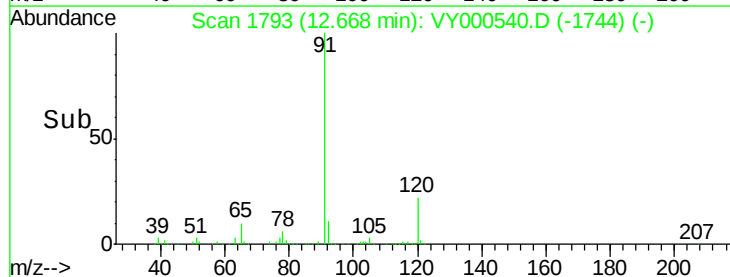
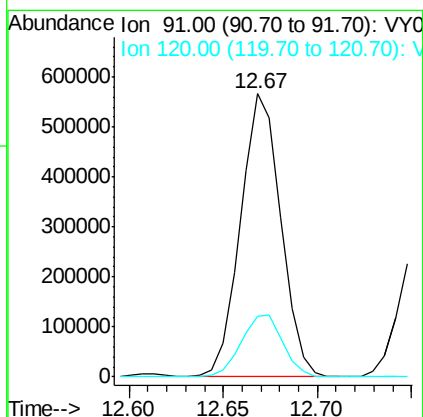
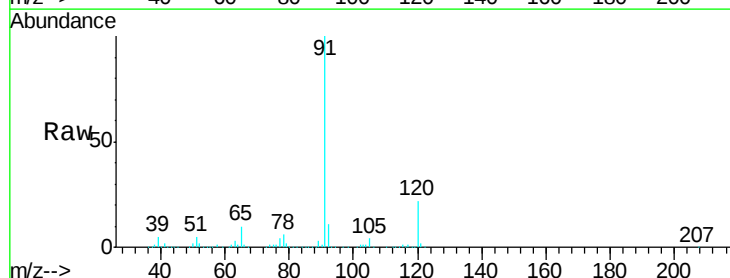
RT: 12.67 min Scan# 1793

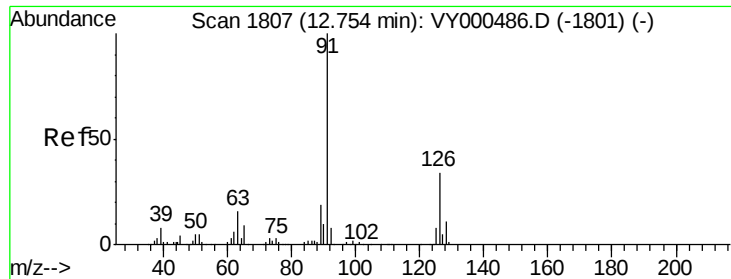
Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion:	91	Resp:	838866
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.1





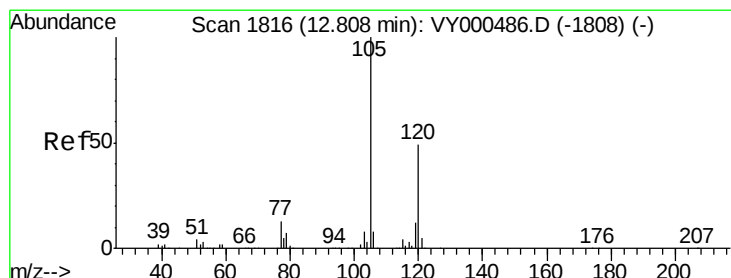
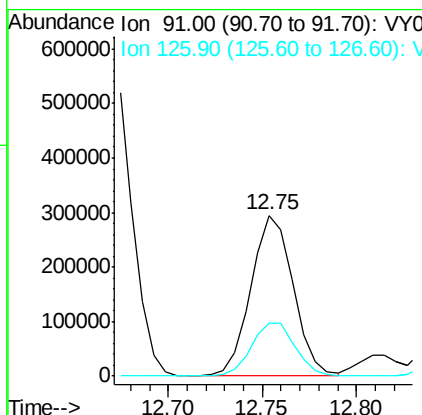
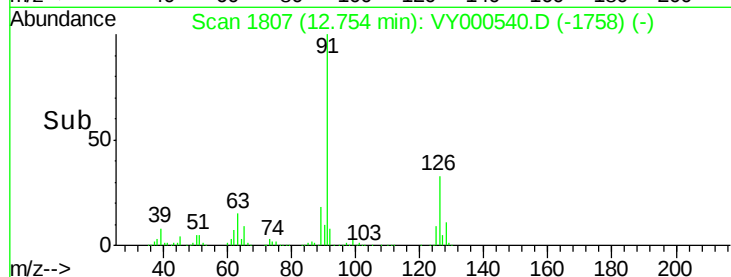
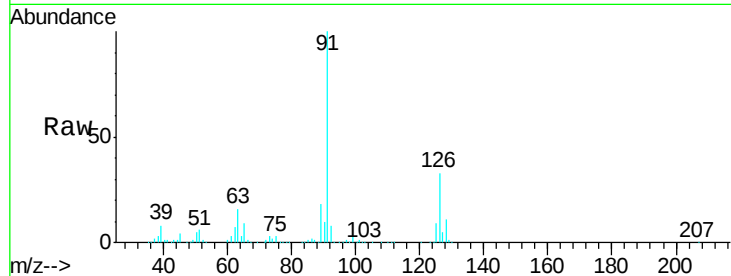
#79
 2-Chlorotoluene
 Concen: 48.010 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 458398
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.7 53.1

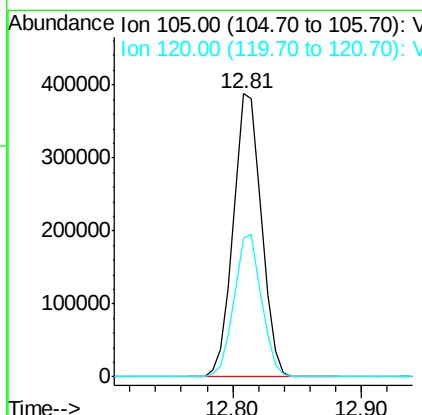
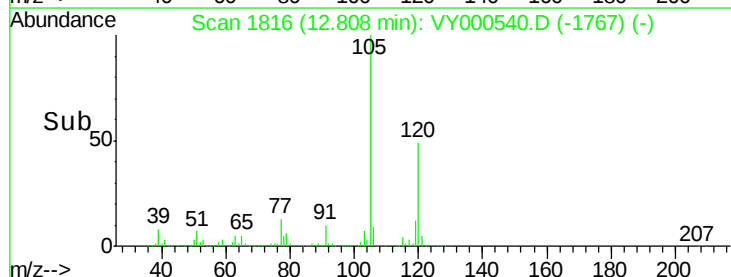
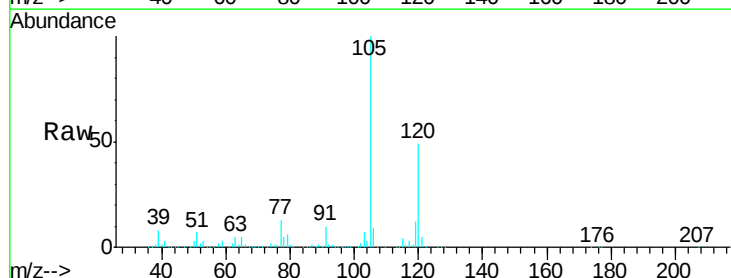
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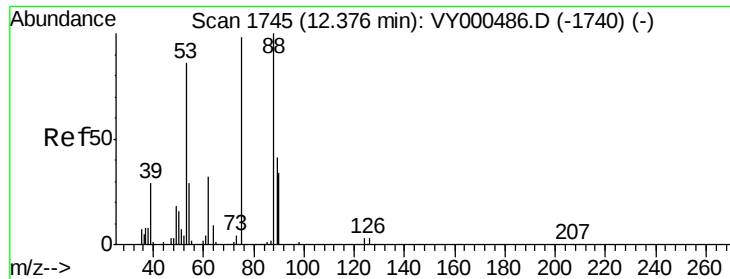
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.620 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 105 Resp: 589065
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.672 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

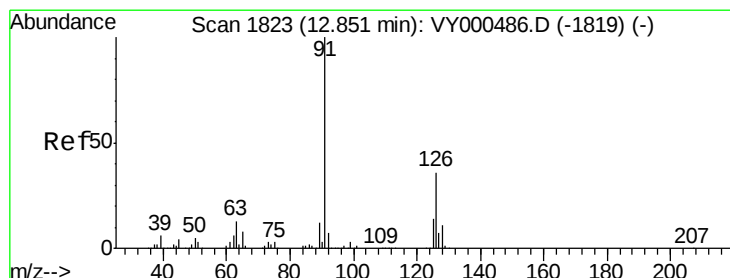
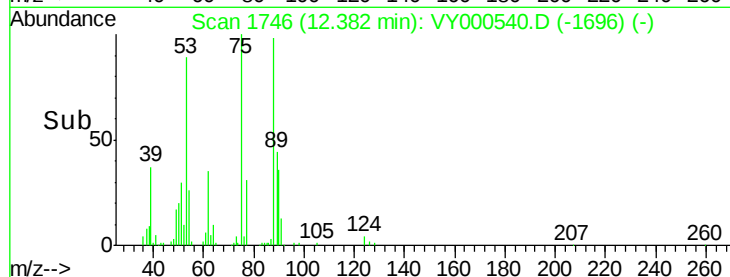
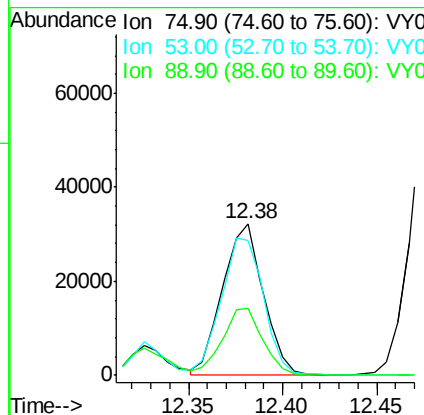
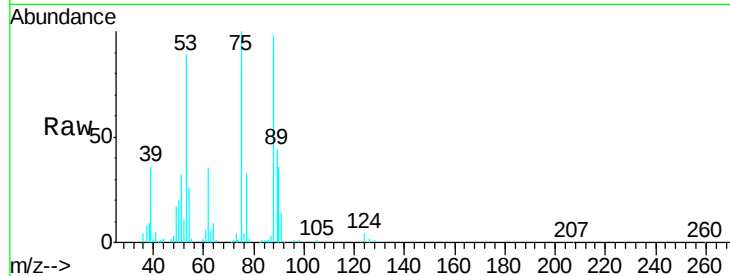
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	48650
Ion	Ratio	Lower	Upper
75	100		
53	93.9	73.2	109.8
89	43.7	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.087 ug/l

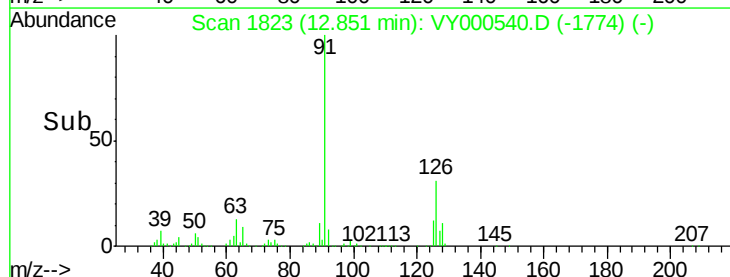
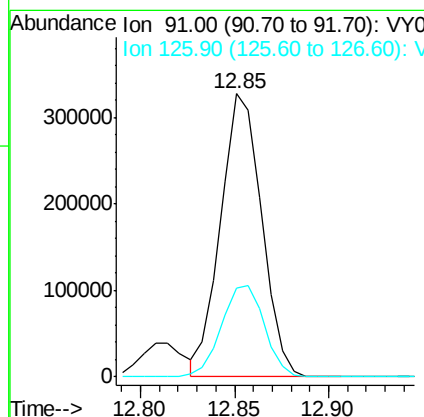
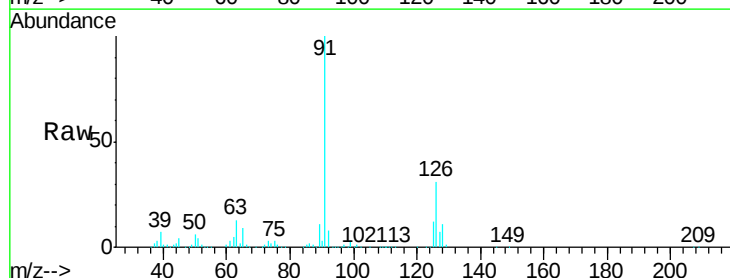
RT: 12.85 min Scan# 1823

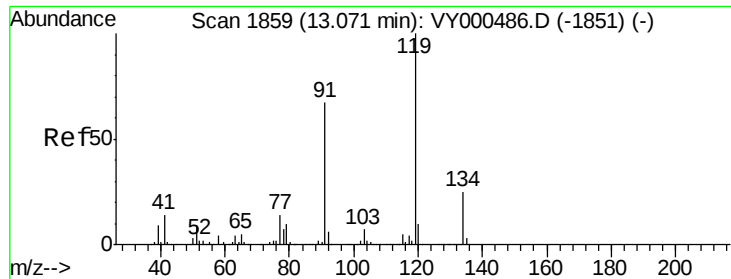
Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion:	91	Resp:	495729
Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.6	52.9





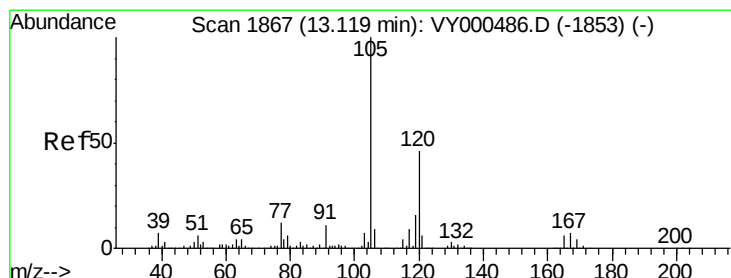
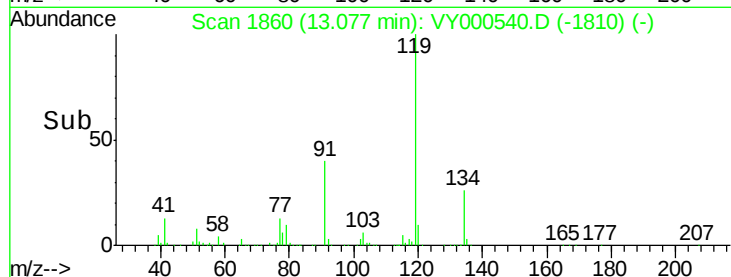
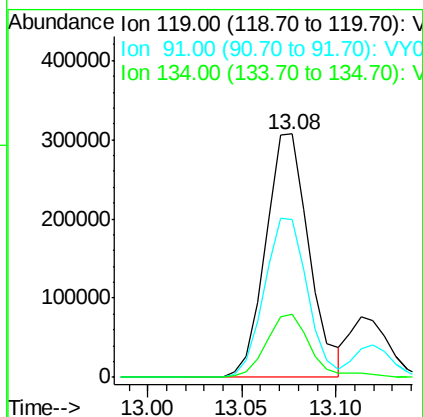
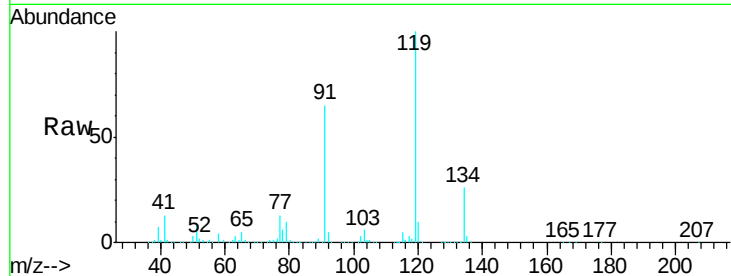
#83
 tert-Butylbenzene
 Concen: 48.547 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	492092		
91	64.5	32.1	96.3	
134	26.5	13.2	39.5	

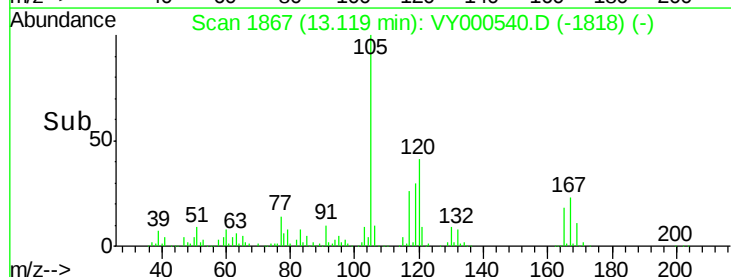
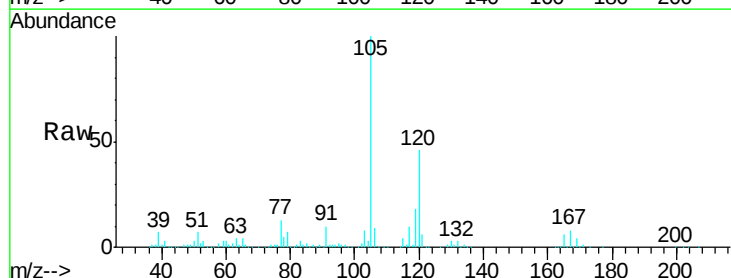
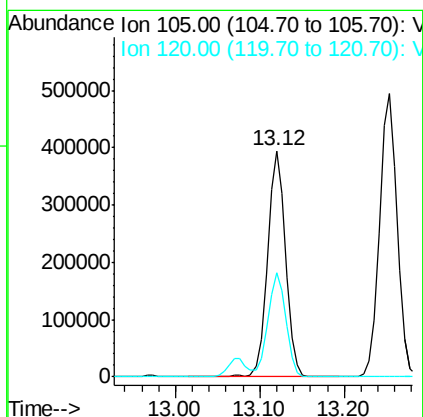
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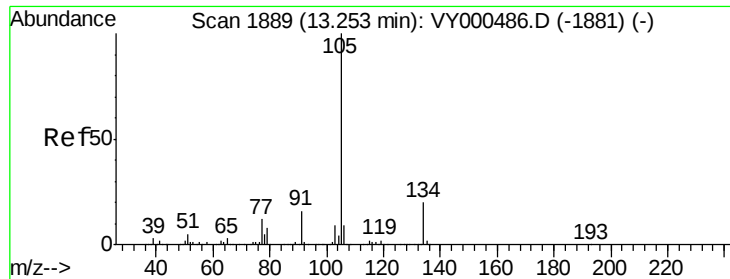
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.079 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580116		
120	46.2	23.3	69.9	





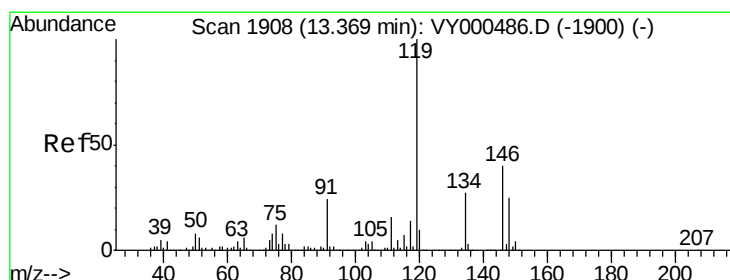
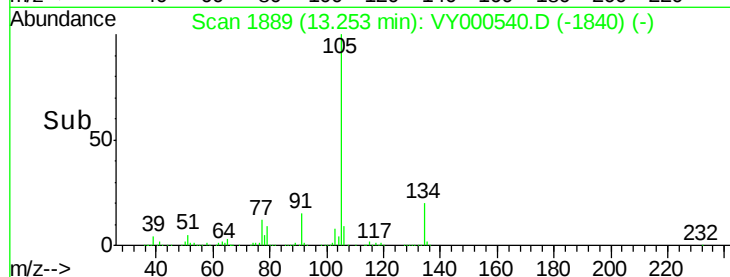
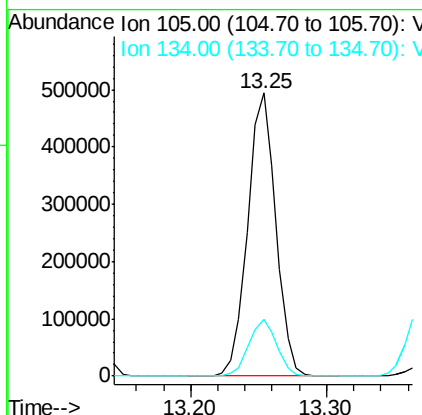
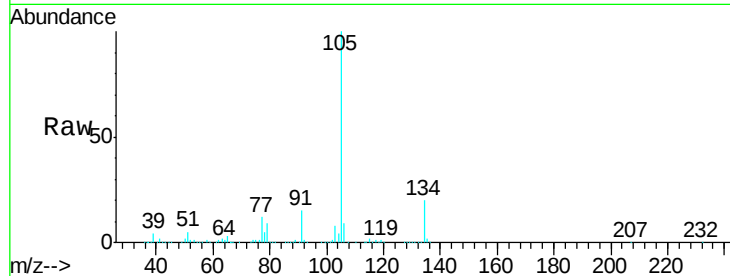
#85
 sec-Butylbenzene
 Concen: 49.595 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

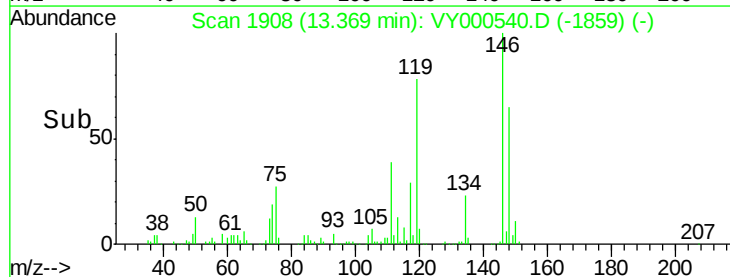
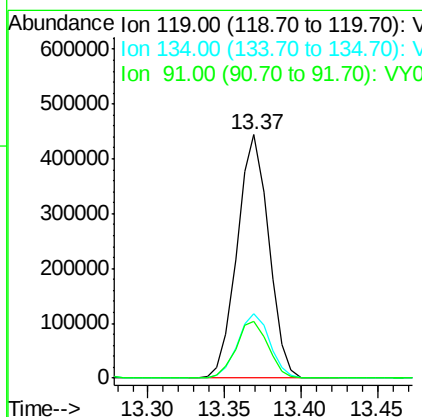
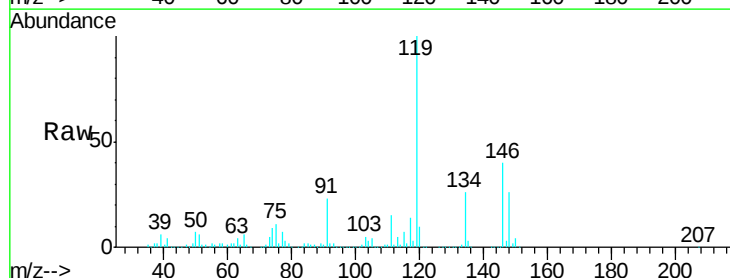
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 49.384 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.8
91	23.8	12.0	36.1





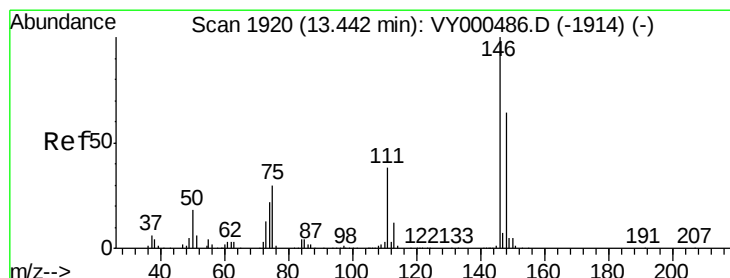
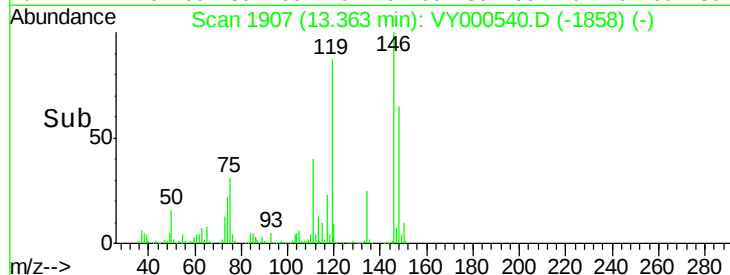
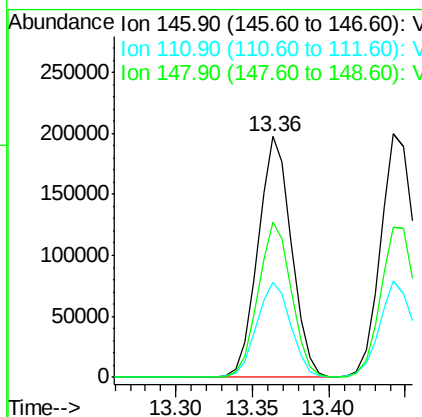
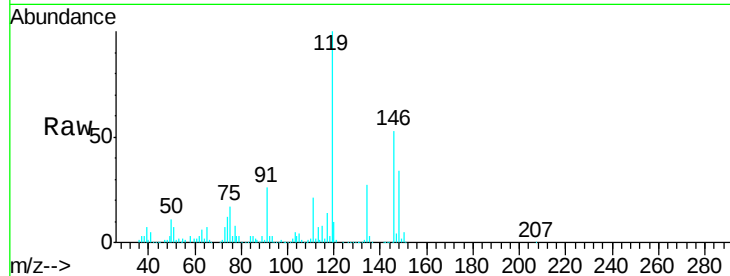
#87
 1,3-Dichlorobenzene
 Concen: 47.452 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	300431		
111	40.3	20.3	60.8	
148	63.9	31.5	94.5	

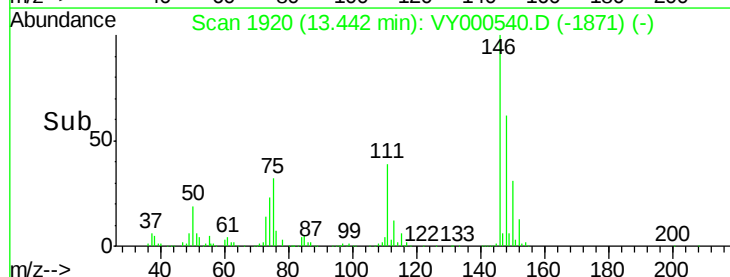
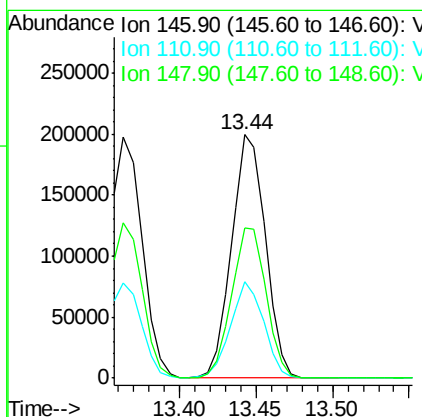
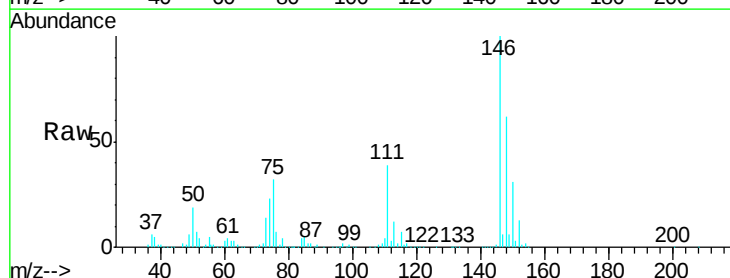
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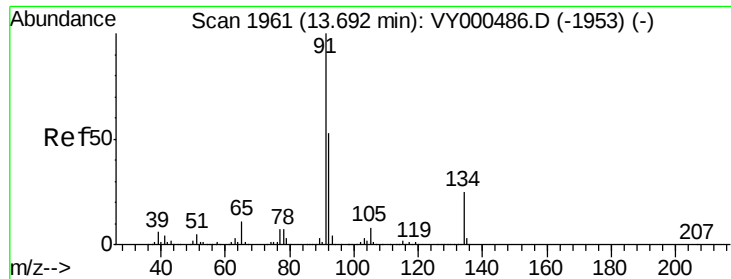
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#88
 1,4-Dichlorobenzene
 Concen: 48.340 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305830		
111	39.0	19.7	59.0	
148	63.0	31.9	95.7	





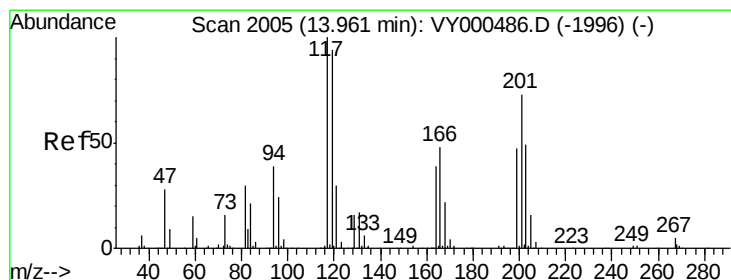
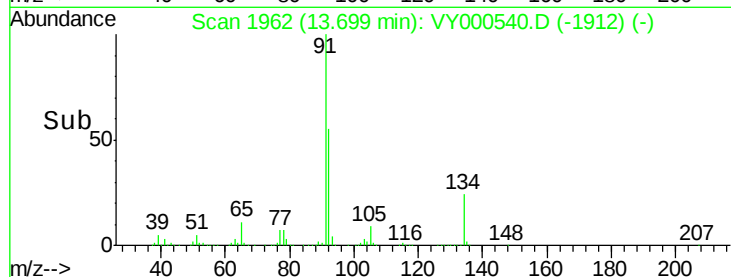
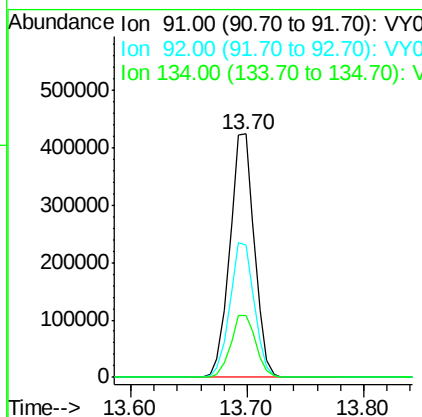
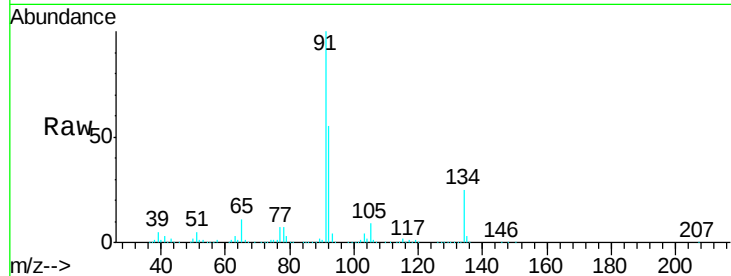
#89
n-Butylbenzene
Concen: 49.028 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 622389
Ion Ratio Lower Upper
91 100
92 54.9 26.8 80.3
134 25.9 12.9 38.7

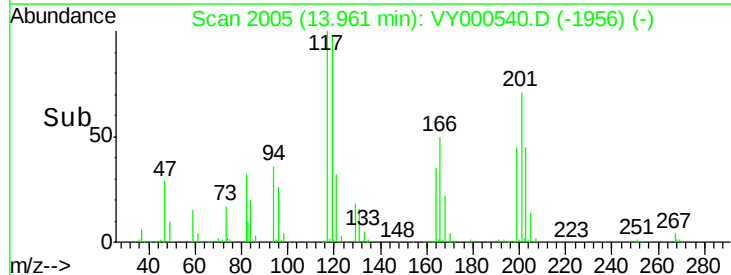
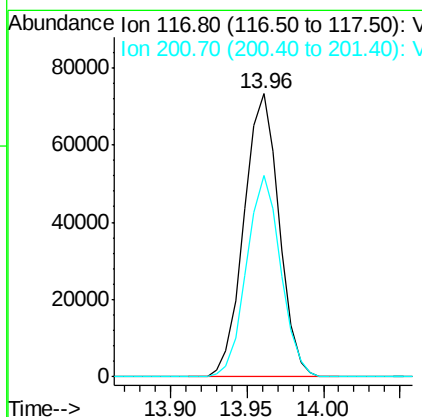
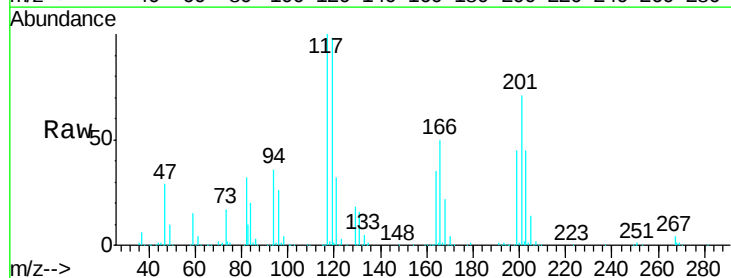
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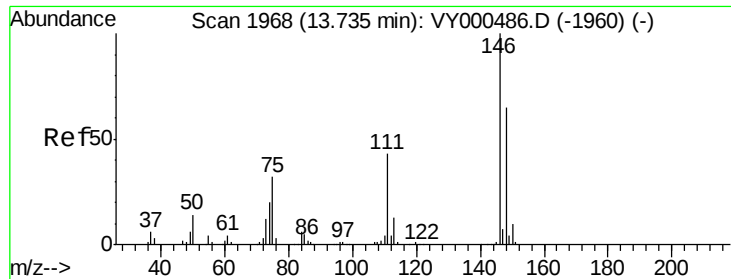
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#90
Hexachloroethane
Concen: 49.047 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 117 Resp: 116705
Ion Ratio Lower Upper
117 100
201 69.5 35.8 107.3





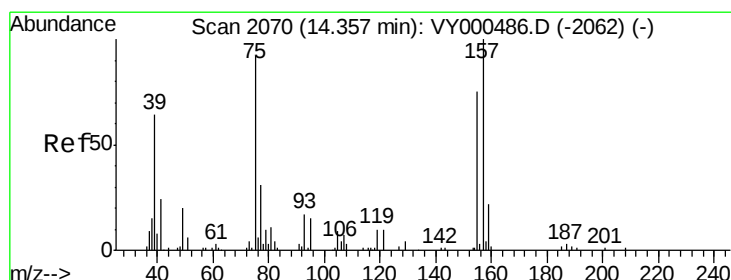
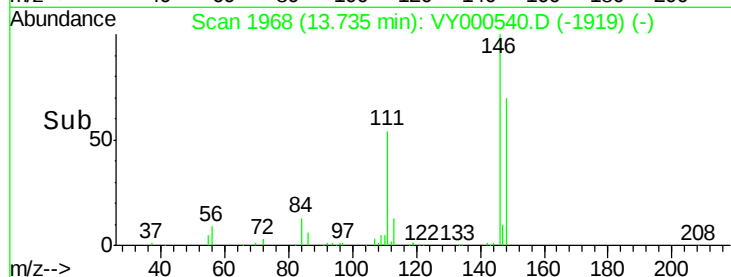
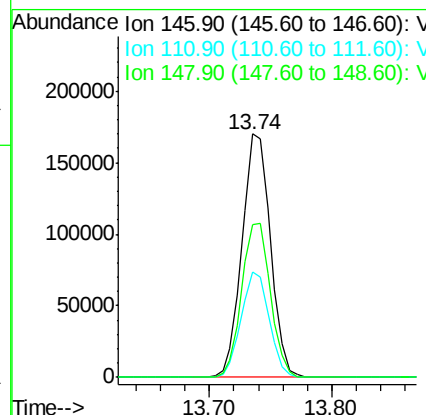
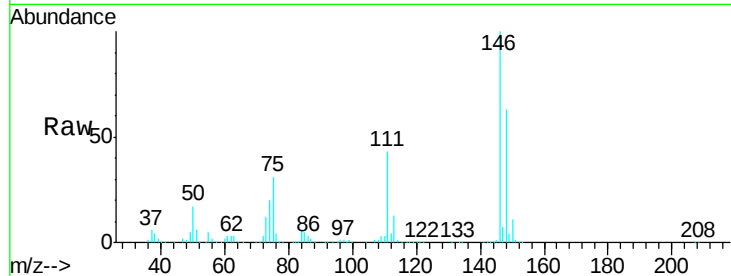
#91
 1,2-Dichlorobenzene
 Concen: 47.519 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.5	61.5
148	64.0	31.7	95.1

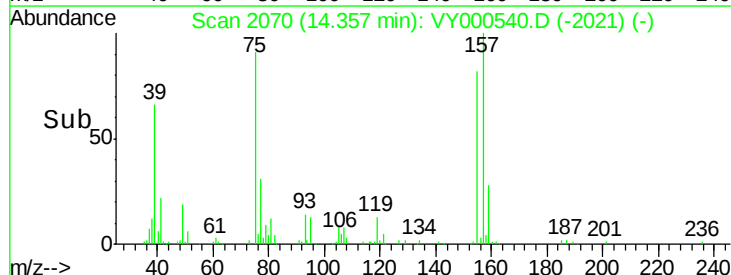
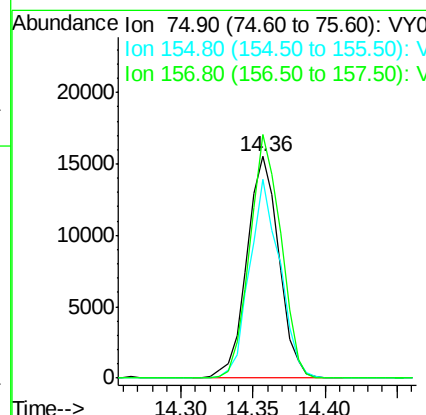
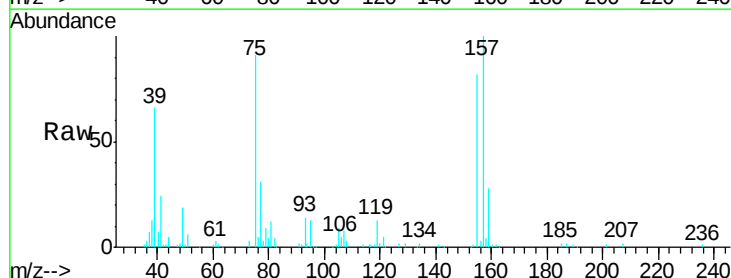
Manual Integrations
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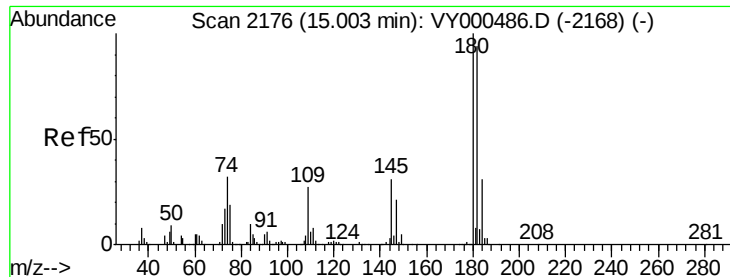
MMDadoda
 11/8/2019 10:39:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.871 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	42.4	127.1
157	105.7	55.1	165.3





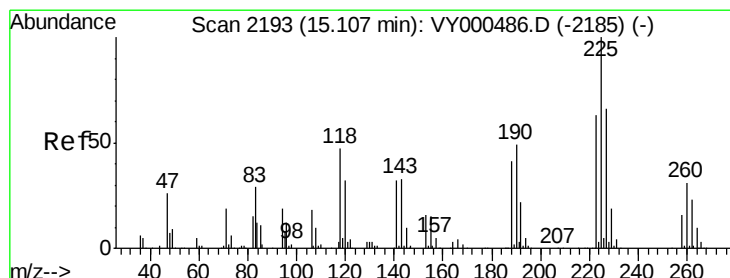
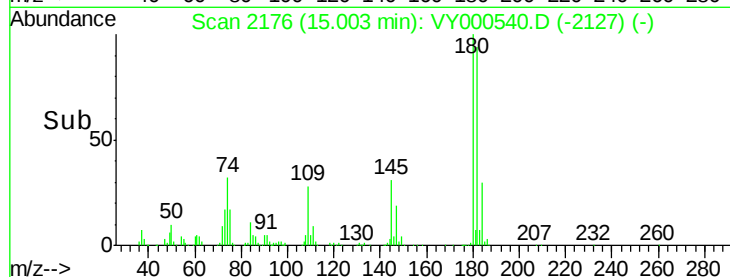
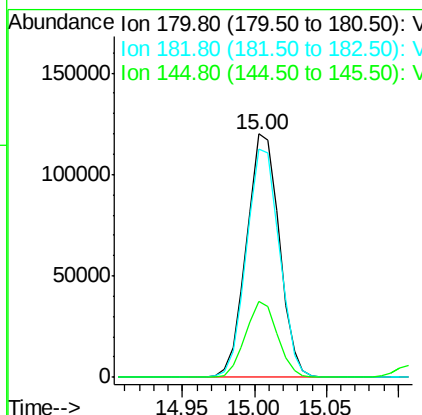
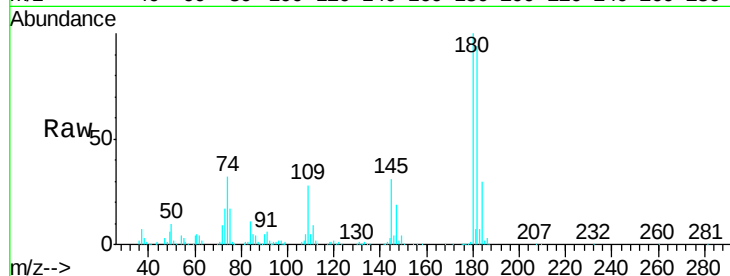
#93
1,2,4-Trichlorobenzene
Concen: 48.227 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188633		
182	94.0	47.8	143.4	
145	30.4	16.0	47.9	

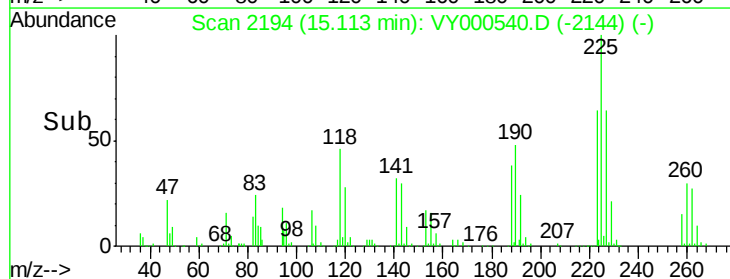
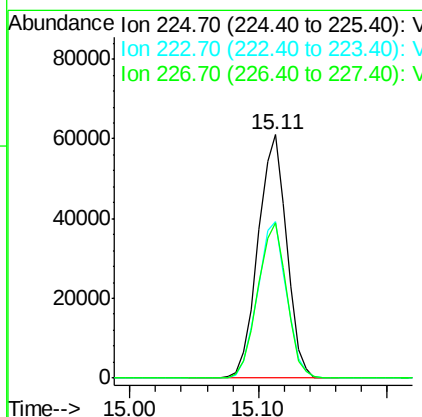
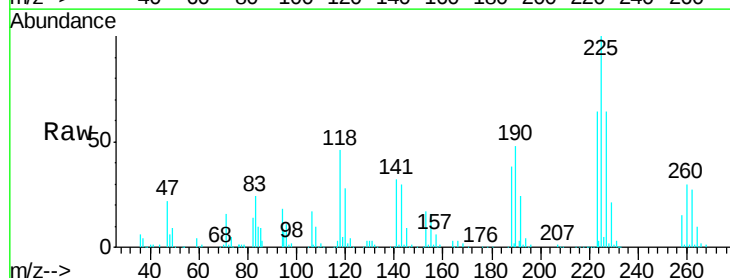
Manual Integrations
APPROVED

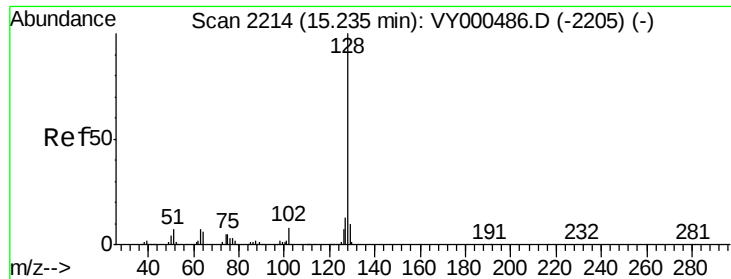
MMDadoda
11/8/2019 10:39:04 AM



#94
Hexachlorobutadiene
Concen: 46.256 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93263		
223	65.2	31.3	93.8	
227	64.3	32.4	97.0	





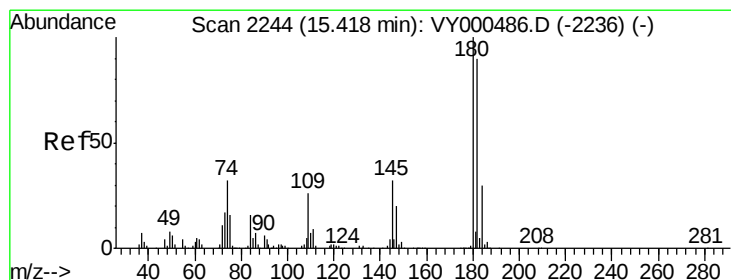
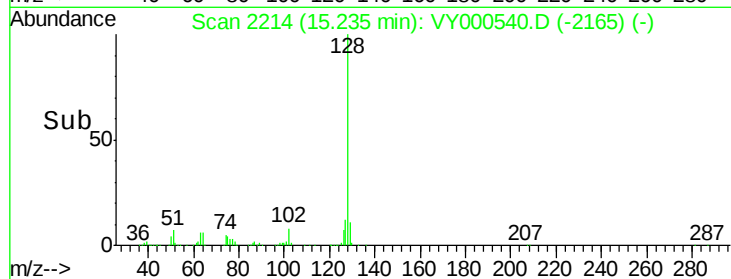
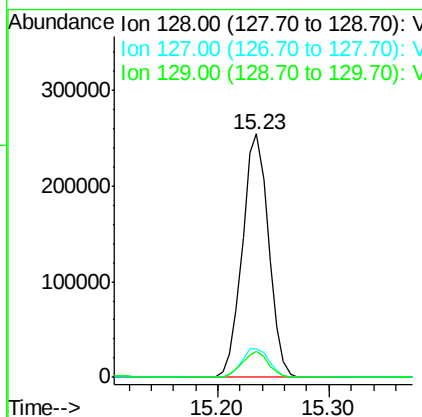
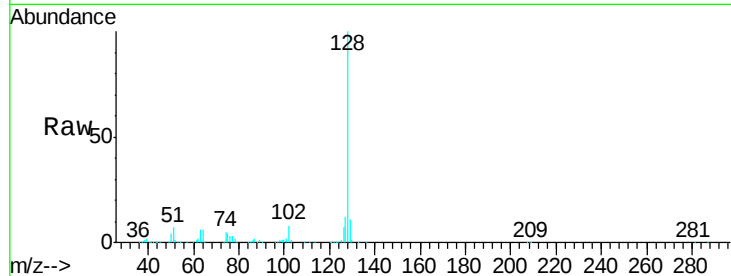
#95
Naphthalene
Concen: 47.983 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	416630		
127	12.5	9.8	14.6	
129	10.7	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.921 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164649		
182	96.8	47.4	142.3	
145	32.9	15.7	47.0	

