

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001809.D
 Acq On : 02 Mar 2020 10:31
 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
 3/3/2020 11:11:39 AM

Quant Time: Mar 02 11:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	184198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	330052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	90525	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	
35) Dibromofluoromethane	7.74	113	88598	46.87	ug/l	-0.01
Spiked Amount			Recovery	=	93.74%	
50) Toluene-d8	10.19	98	359806	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.49	95	128236	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	87586	48.780	ug/l	100
3) Chloromethane	2.13	50	111961	46.360	ug/l	99
4) Vinyl Chloride	2.27	62	113524	46.605	ug/l	98
5) Bromomethane	2.66	94	70368	46.222	ug/l	97
6) Chloroethane	2.81	64	69982	46.623	ug/l	99
7) Trichlorofluoromethane	3.15	101	153155	49.126	ug/l	98
8) Diethyl Ether	3.55	74	60617	49.322	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	99510	50.783	ug/l	100
10) Methyl Iodide	4.12	142	119252	49.726	ug/l	99
11) Tert butyl alcohol	4.99	59	49803	213.254	ug/l	100
12) 1,1-Dichloroethene	3.90	96	99062	49.566	ug/l	98
13) Acrolein	3.76	56	54174	270.730	ug/l	97
14) Allyl chloride	4.51	41	174310	49.006	ug/l	99
15) Acrylonitrile	5.19	53	162252	257.559	ug/l	99
16) Acetone	3.97	43	190024	277.181	ug/l	99
17) Carbon Disulfide	4.22	76	303577	45.497	ug/l	99
18) Methyl Acetate	4.51	43	74713	50.043	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	271769	48.840	ug/l	99
20) Methylene Chloride	4.75	84	112939	46.379	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	111067	48.708	ug/l	100
22) Diisopropyl ether	6.15	45	354111	48.478	ug/l	99
23) Vinyl Acetate	6.09	43	1158062	243.052	ug/l	98
24) 1,1-Dichloroethane	6.05	63	195518	50.080	ug/l	99
25) 2-Butanone	7.01	43	239912	257.609	ug/l	97
26) 2,2-Dichloropropane	7.01	77	165084	48.602	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	122395	48.628	ug/l	99
28) Bromochloromethane	7.36	49	87203	53.620	ug/l	99
29) Tetrahydrofuran	7.37	42	136299	242.138	ug/l	100
30) Chloroform	7.53	83	185123	48.529	ug/l	99
31) Cyclohexane	7.80	56	191404	45.982	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	158969	49.583	ug/l	99
36) 1,1-Dichloropropene	7.94	75	152586	48.399	ug/l	99
37) Ethyl Acetate	7.10	43	91257	48.498	ug/l	99
38) Carbon Tetrachloride	7.92	117	134035	48.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	198009	47.342	ug/l	98
40) Benzene	8.18	78	458506	49.450	ug/l	99
41) Methacrylonitrile	7.35	41	48851m	51.705	ug/l	
42) 1,2-Dichloroethane	8.25	62	116286	46.036	ug/l	99
43) Isopropyl Acetate	8.29	43	171464	48.027	ug/l	99
44) Trichloroethene	8.96	130	113096	48.862	ug/l	98
45) 1,2-Dichloropropane	9.23	63	117265	50.500	ug/l	96
46) Dibromomethane	9.32	93	59711	49.163	ug/l	99
47) Bromodichloromethane	9.51	83	143954	49.110	ug/l	99
48) Methyl methacrylate	9.30	41	75729	46.901	ug/l	97
49) 1,4-Dioxane	9.32	88	16337	952.362	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	449153	244.860	ug/l	100
52) Toluene	10.25	92	282701	48.879	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	159577	49.244	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	186318	49.956	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	89700	50.087	ug/l	99
56) Ethyl methacrylate	10.52	69	133621	49.735	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156969	49.329	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	241556	238.167	ug/l	100
59) 2-Hexanone	10.85	43	348074	252.902	ug/l	99
60) Dibromochloromethane	11.00	129	98217	49.743	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85365	50.412	ug/l	100
64) Tetrachloroethene	10.73	164	89470	48.657	ug/l	98
65) Chlorobenzene	11.53	112	291320	49.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	97004	49.172	ug/l	100
67) Ethyl Benzene	11.60	91	540179	49.774	ug/l	99
68) m/p-Xylenes	11.71	106	402830	99.368	ug/l	98
69) o-Xylene	12.04	106	190971	49.551	ug/l	97
70) Styrene	12.05	104	332758	49.680	ug/l	99
71) Bromoform	12.22	173	56250	49.894	ug/l	100
73) Isopropylbenzene	12.34	105	513730	48.912	ug/l	99
74) N-amyl acetate	12.15	43	157461	46.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	114909	51.239	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	88051m	55.675	ug/l	
77) Bromobenzene	12.62	156	109137	47.933	ug/l	97
78) n-propylbenzene	12.68	91	631441	49.363	ug/l	100
79) 2-Chlorotoluene	12.77	91	348442	48.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	422754	48.625	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41305	49.549	ug/l	96
82) 4-Chlorotoluene	12.86	91	369132	48.783	ug/l	99
83) tert-Butylbenzene	13.08	119	349146	48.015	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	420358	48.497	ug/l	99
85) sec-Butylbenzene	13.26	105	526728	49.252	ug/l	100
86) p-Isopropyltoluene	13.38	119	452661	48.722	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	214854	48.656	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	217294	48.681	ug/l	99
89) n-Butylbenzene	13.70	91	464670	48.947	ug/l	100
90) Hexachloroethane	13.97	117	85882	49.063	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	196264	48.162	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17044	46.051	ug/l	94

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VSTDCCC050

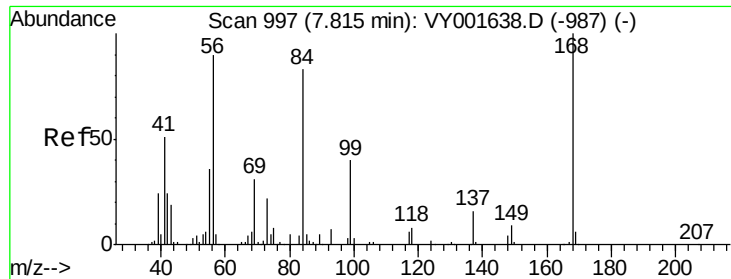
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	124905	46.253	ug/l	98
94) Hexachlorobutadiene	15.13	225	60850	45.309	ug/l	99
95) Naphthalene	15.25	128	303389	48.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	112157	47.208	ug/l	99

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



#1

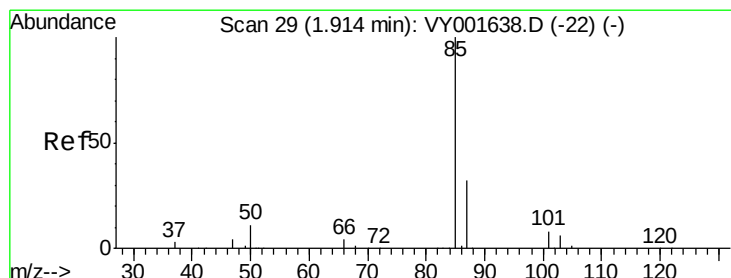
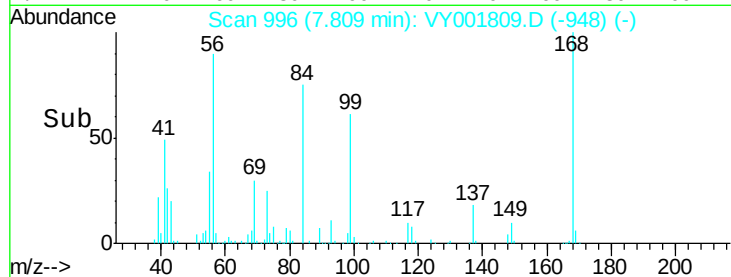
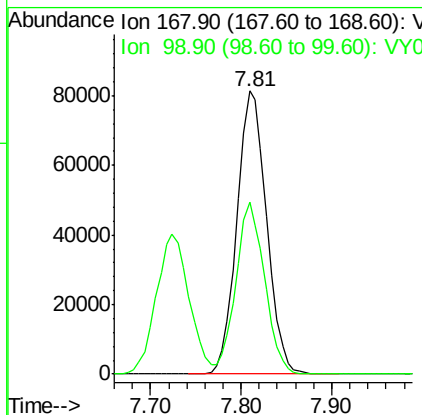
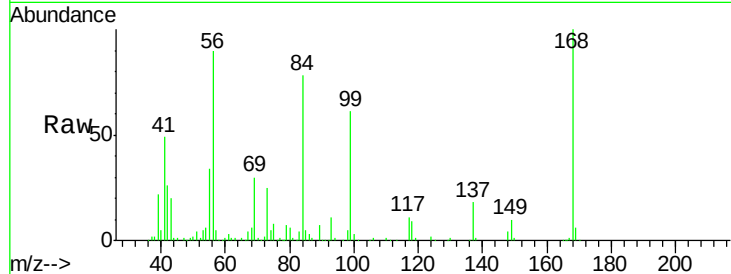
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.8	47.5	71.3

Manual Integrations
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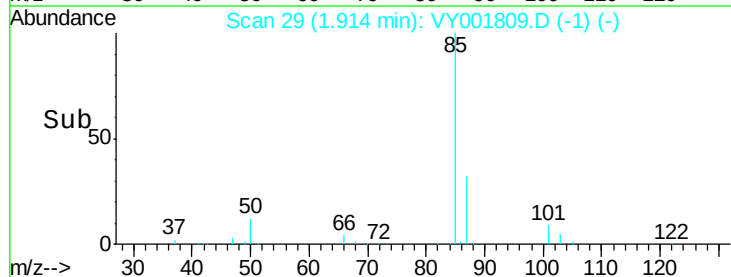
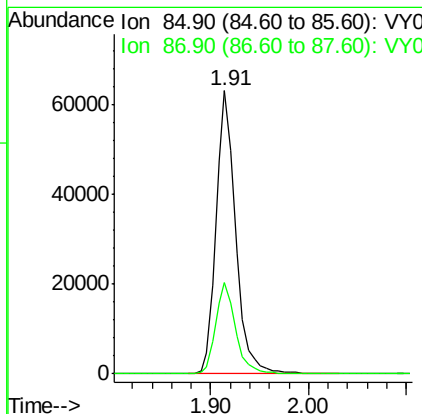
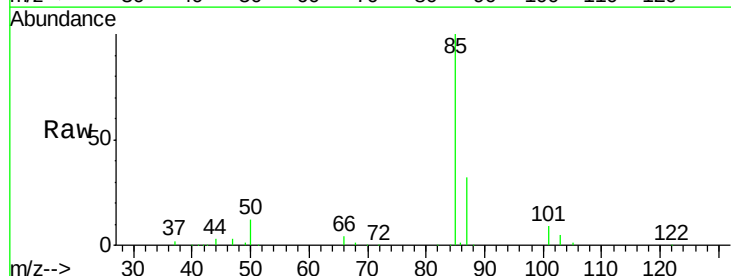
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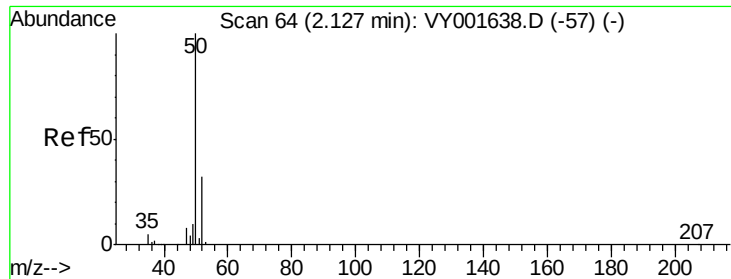


#2

Dichlorodifluoromethane
 Concen: 48.780 ug/l
 RT: 1.91 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6





#3

Chloromethane

Concen: 46.360 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 111961

Ion Ratio Lower Upper

50 100

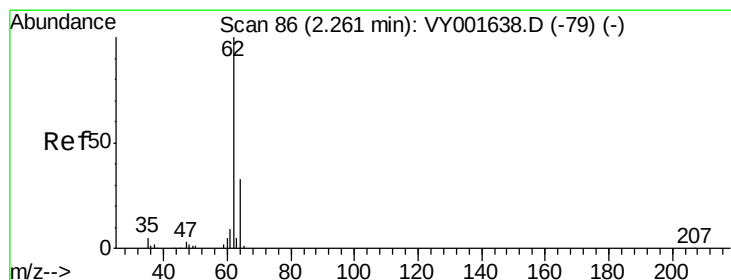
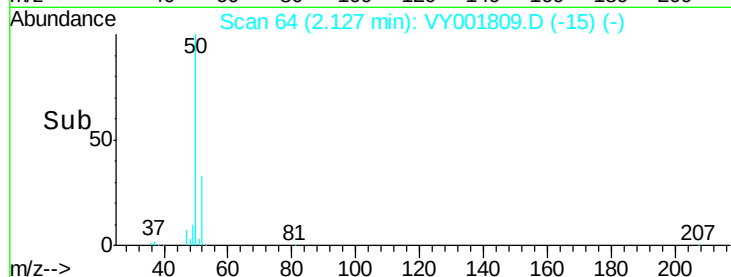
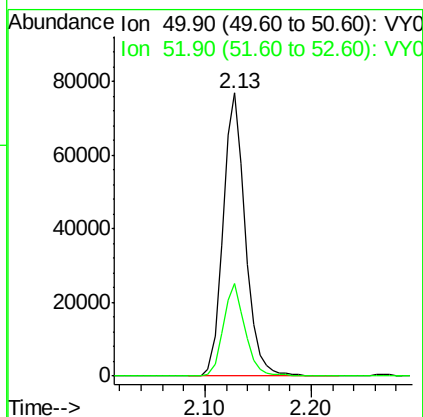
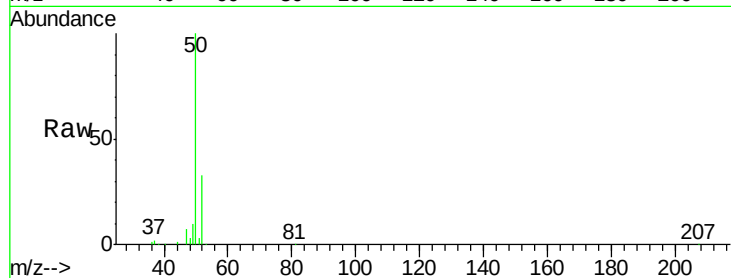
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.605 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001809.D

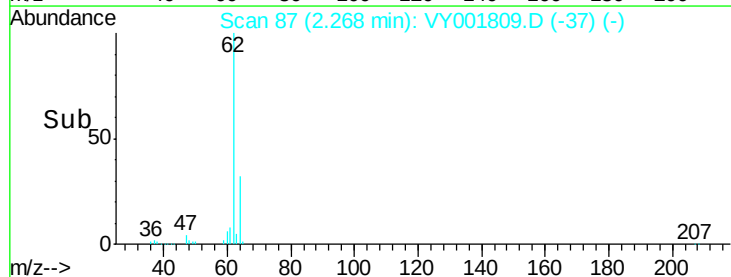
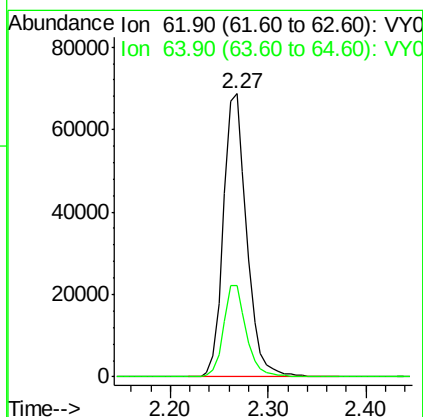
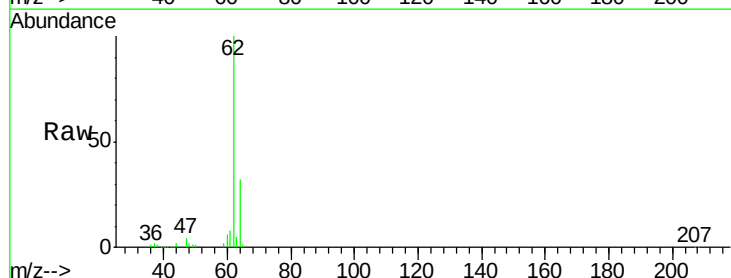
Acq: 02 Mar 2020 10:31

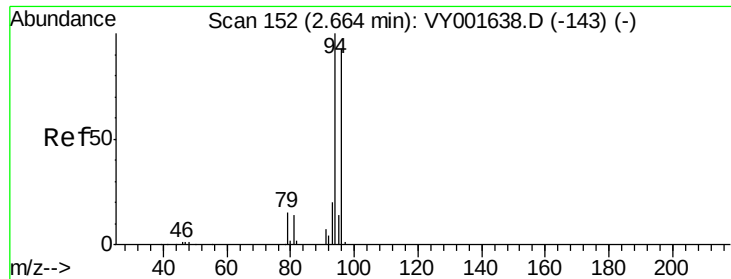
Tgt Ion: 62 Resp: 113524

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 46.222 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70368

Ion Ratio Lower Upper

94 100

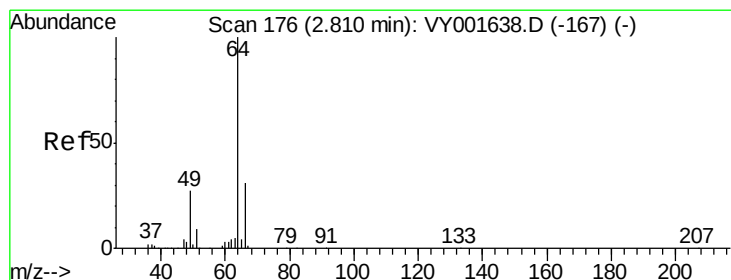
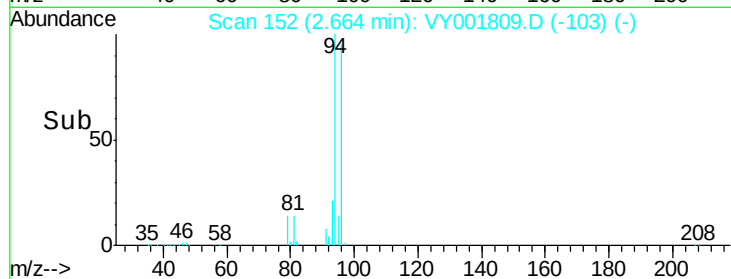
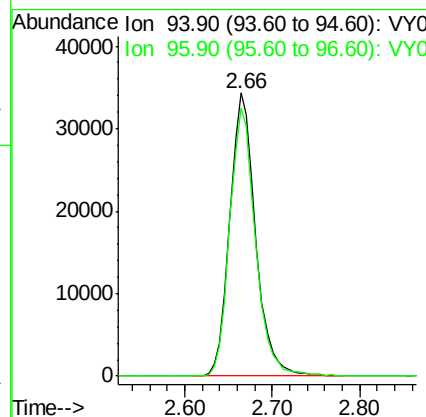
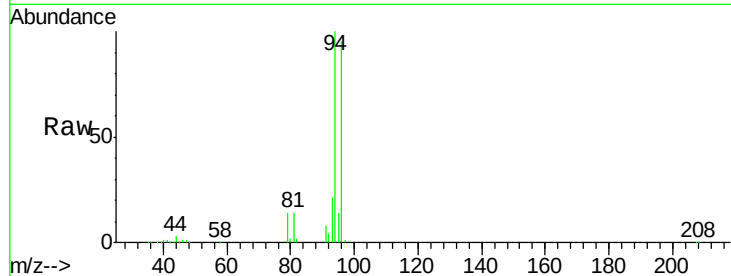
96 94.8 73.7 110.5

Manual Integrations

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3/3/2020 11:11:39 AM



#6

Chloroethane

Concen: 46.623 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001809.D

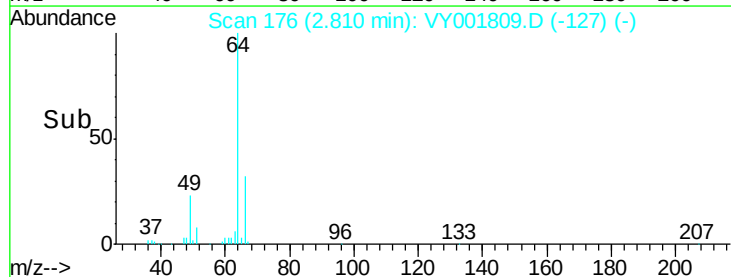
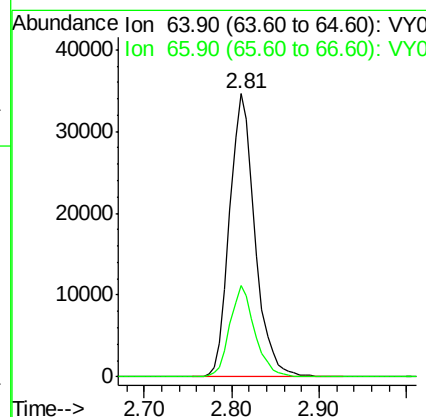
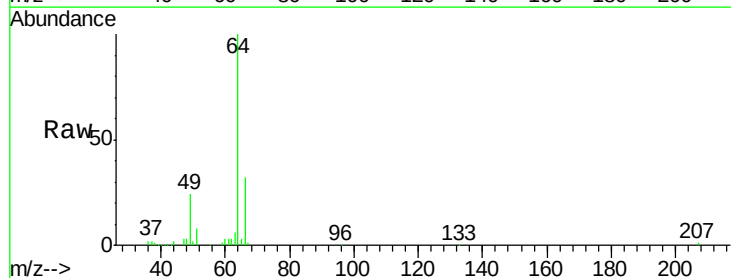
Acq: 02 Mar 2020 10:31

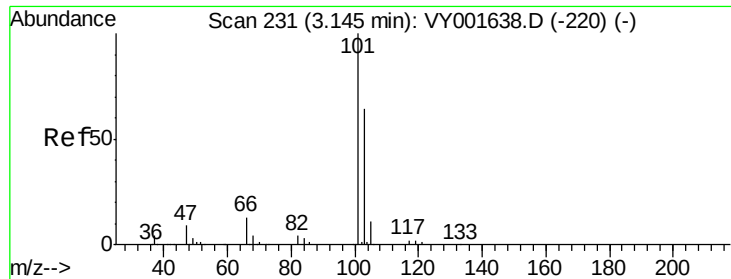
Tgt Ion: 64 Resp: 69982

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

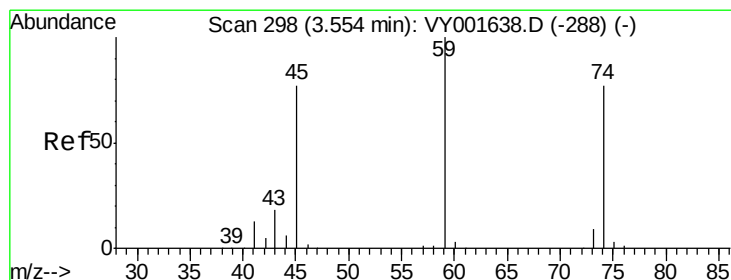
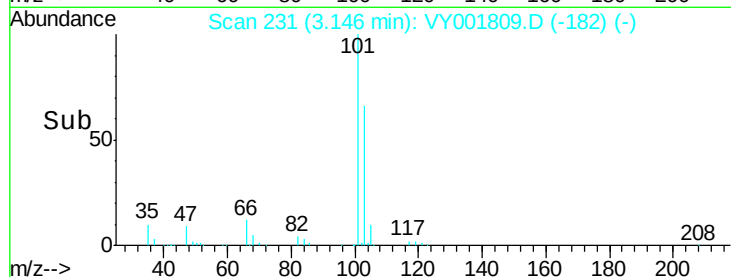
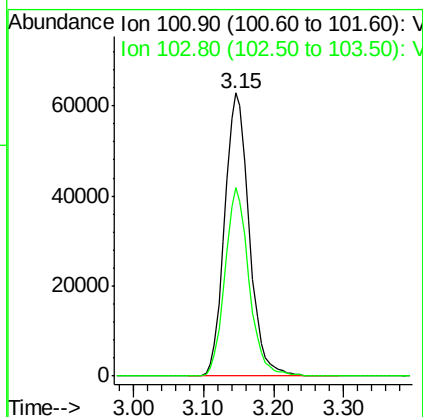
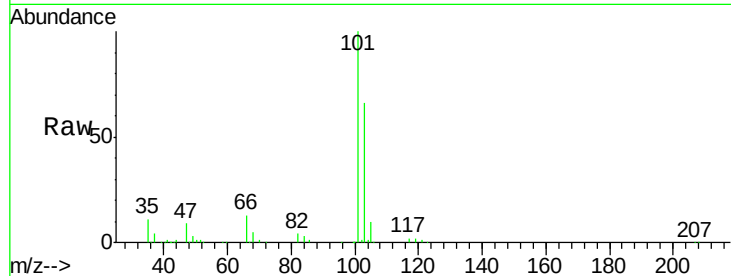
Trichlorofluoromethane
Concen: 49.126 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.2	78.2

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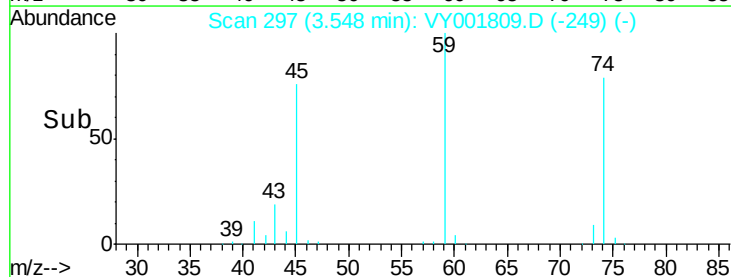
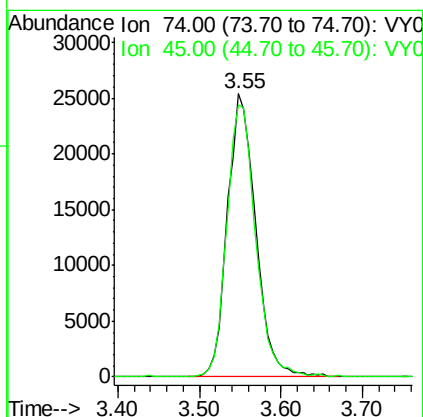
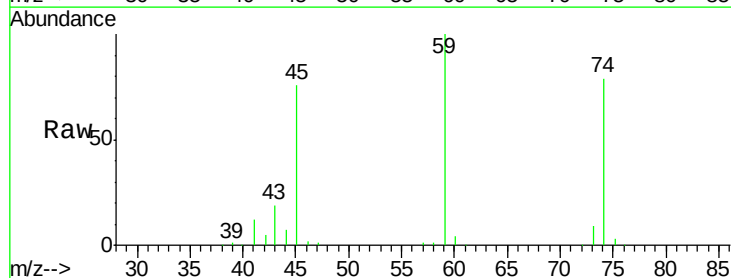
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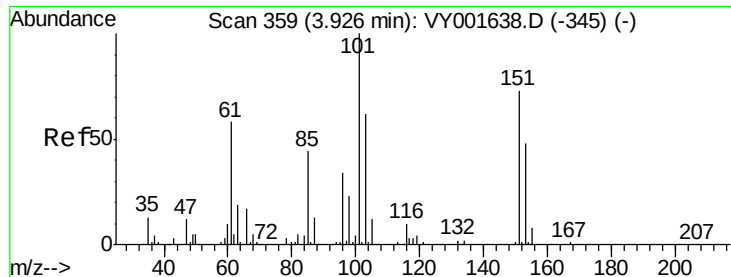


#8

Diethyl Ether
Concen: 49.322 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.783 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

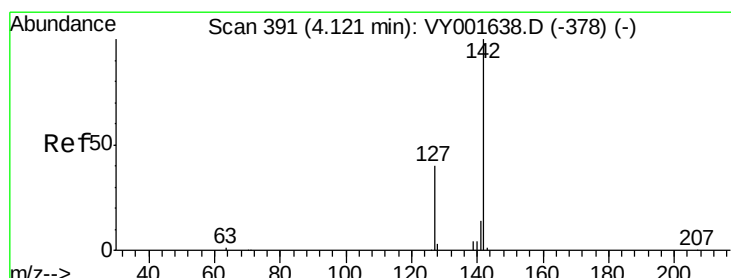
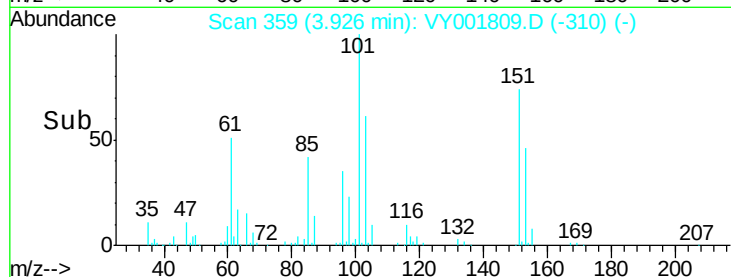
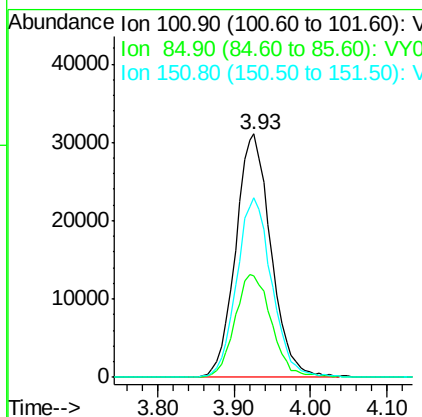
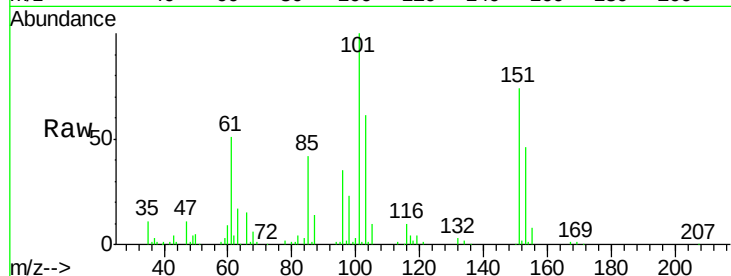
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	99510
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.1	52.7
151	73.4	58.4	87.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.726 ug/l

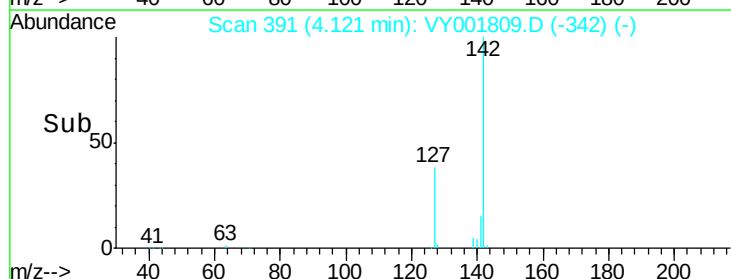
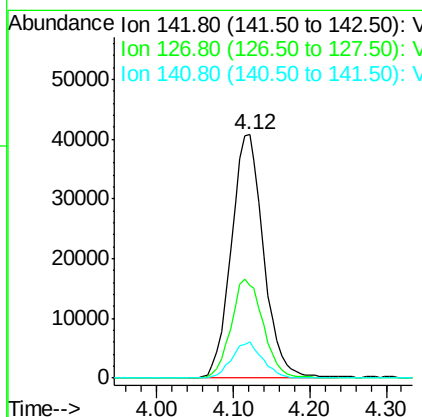
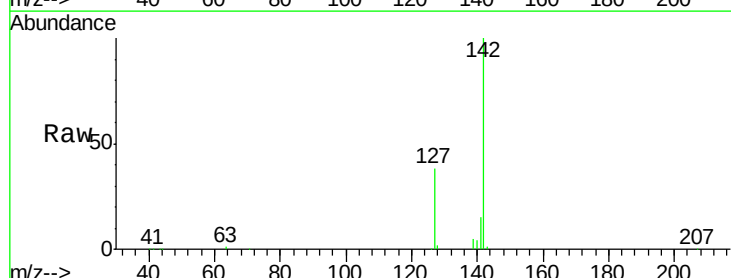
RT: 4.12 min Scan# 391

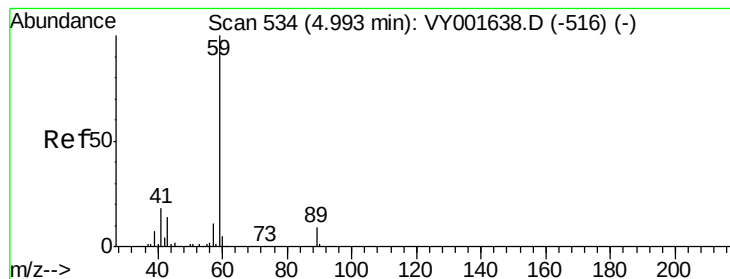
Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion:	142	Resp:	119252
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.1	48.1
141	14.3	11.3	16.9





#11

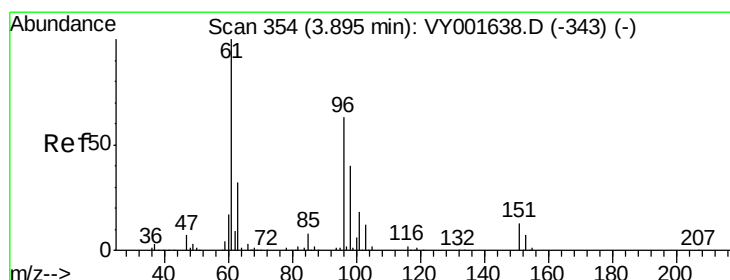
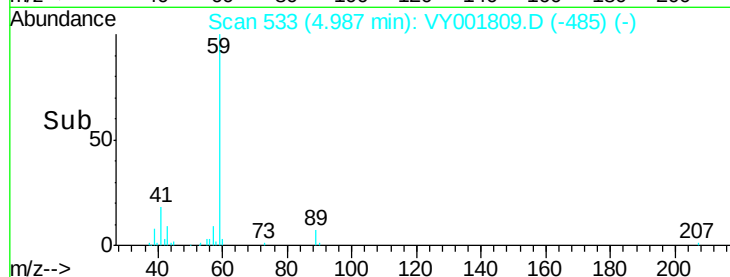
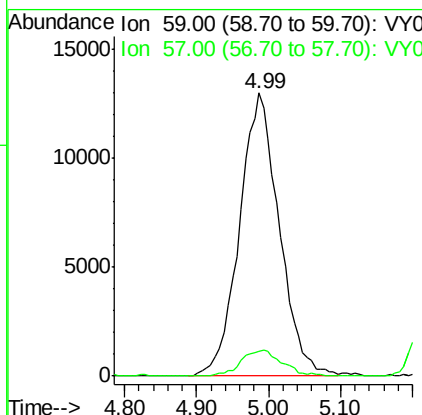
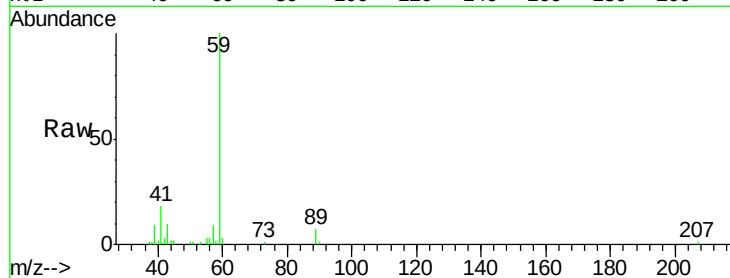
Tert butyl alcohol
 Concen: 213.254 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	49803
Ion Ratio	100	Lower	Upper
57	9.4	7.4	11.2

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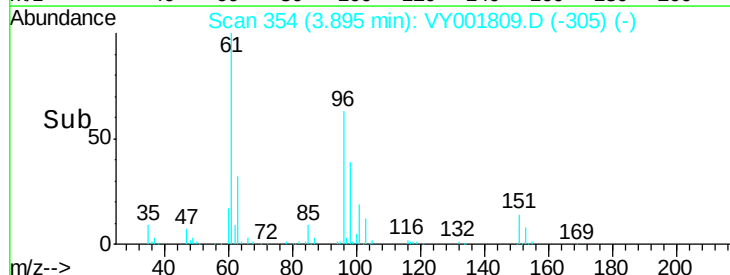
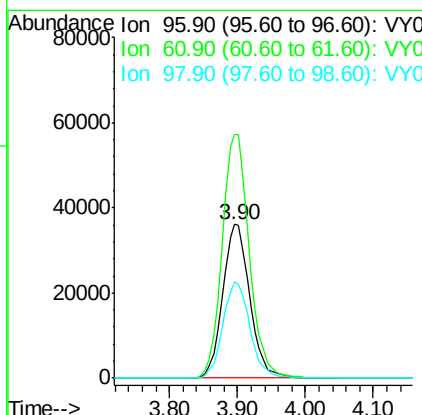
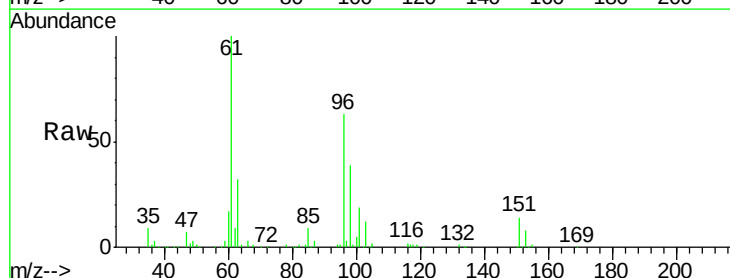
MMDadoda
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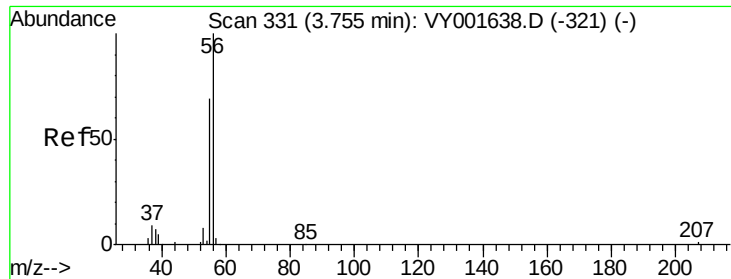


#12

1,1-Dichloroethene
 Concen: 49.566 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	96	Resp	99062
Ion Ratio	100	Lower	Upper
61	158.2	128.7	193.1
98	62.4	50.7	76.1





#13

Acrolein

Concen: 270.730 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54174

Ion Ratio Lower Upper

56 100

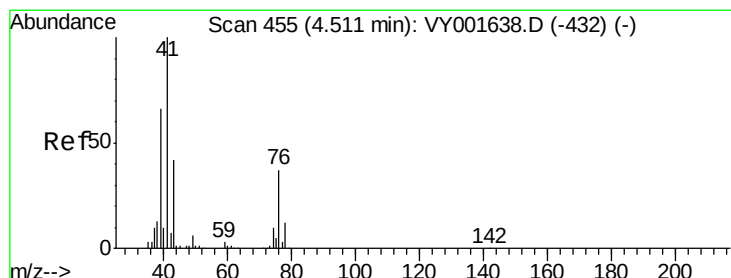
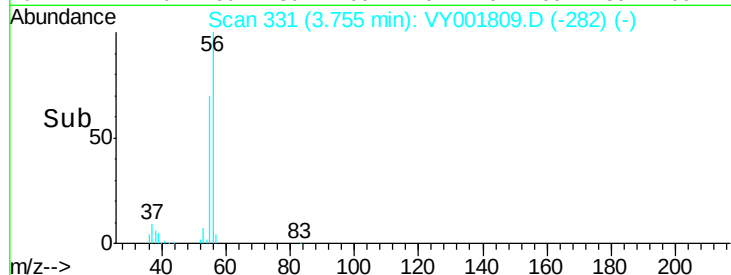
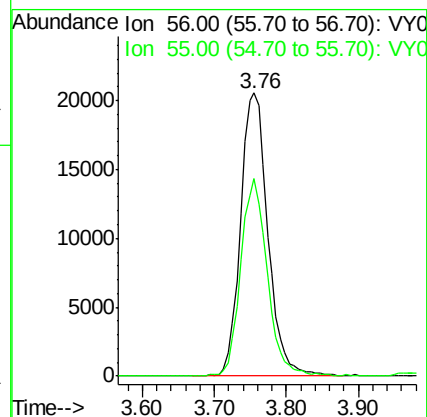
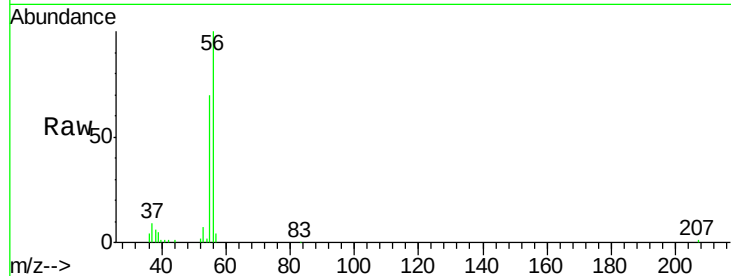
55 67.8 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 49.006 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

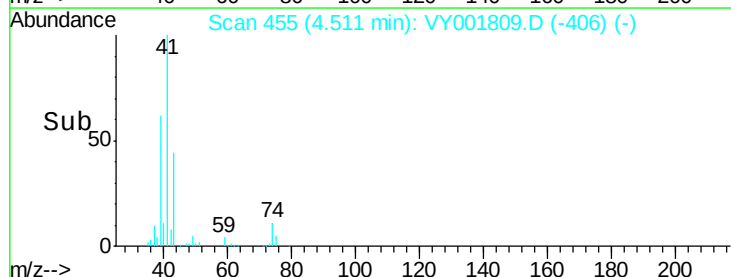
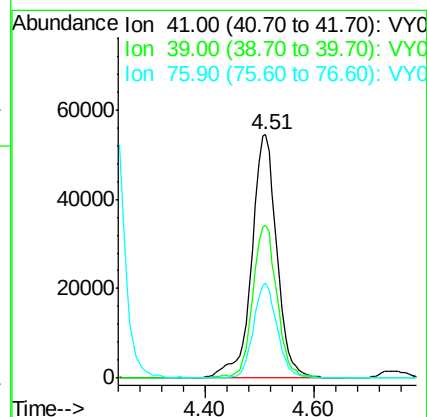
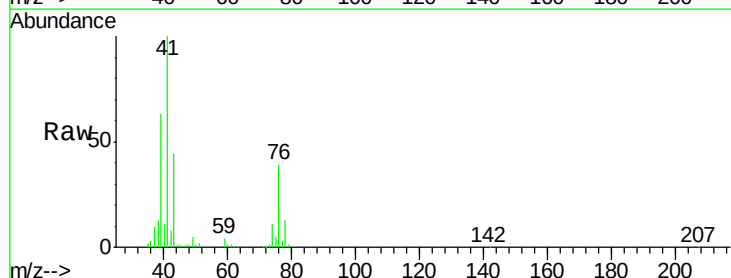
Tgt Ion: 41 Resp: 174310

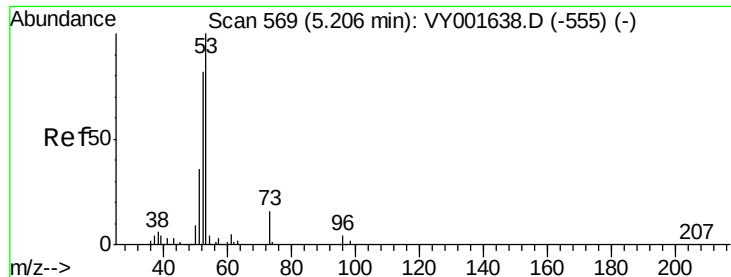
Ion Ratio Lower Upper

41 100

39 61.0 49.4 74.0

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 257.559 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

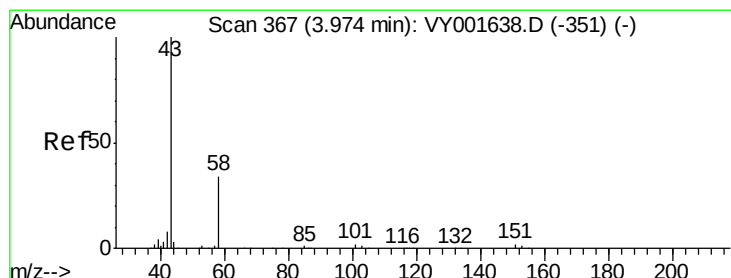
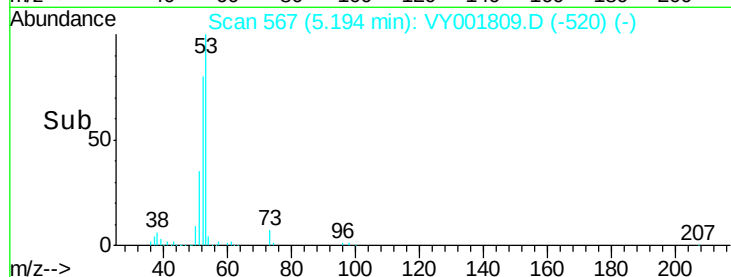
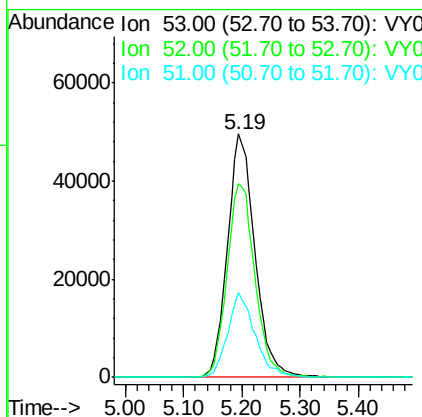
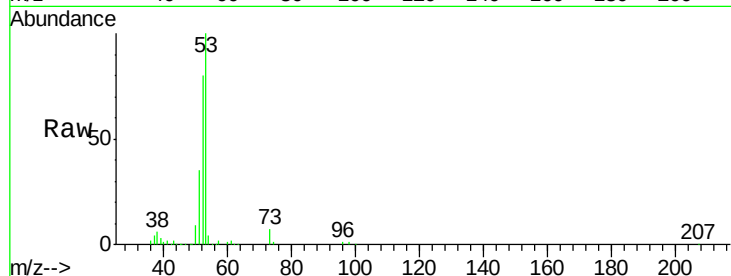
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	162252
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.4	98.0
51	34.6	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 277.181 ug/l

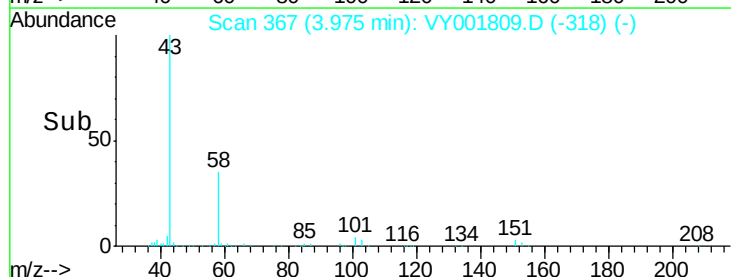
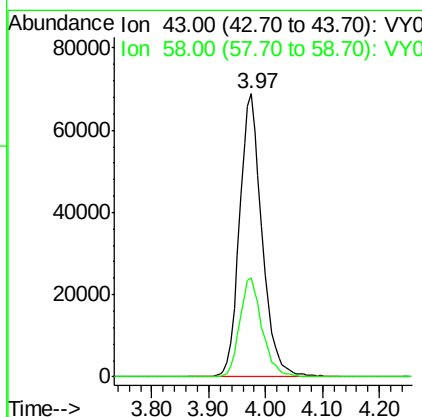
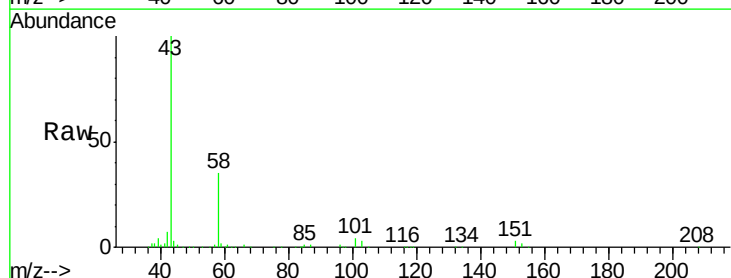
RT: 3.97 min Scan# 367

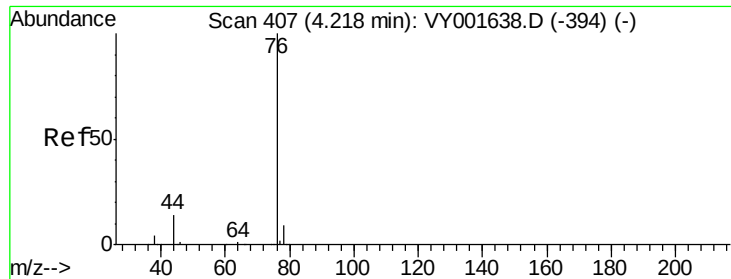
Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion:	43	Resp:	190024
Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.3	40.9





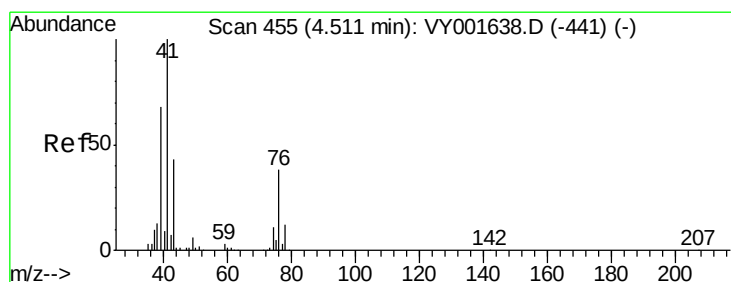
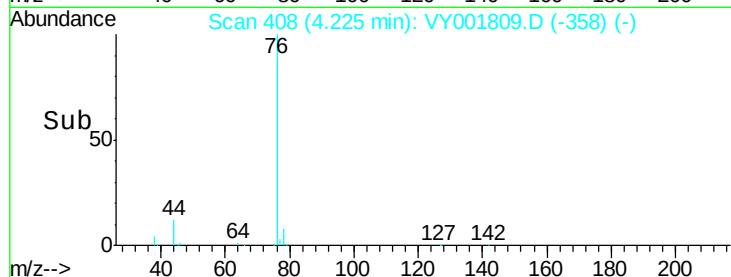
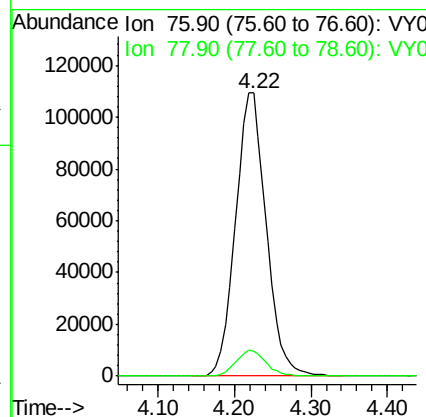
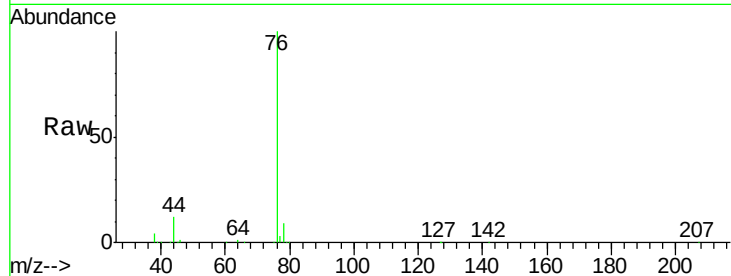
#17
Carbon Disulfide
Concen: 45.497 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

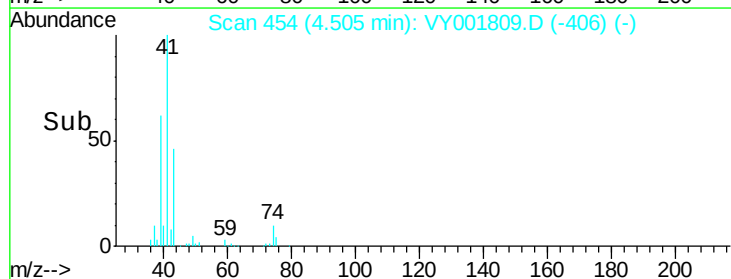
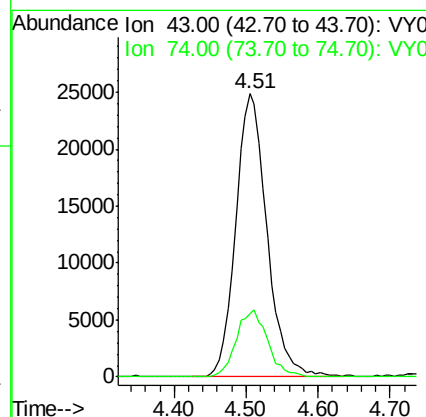
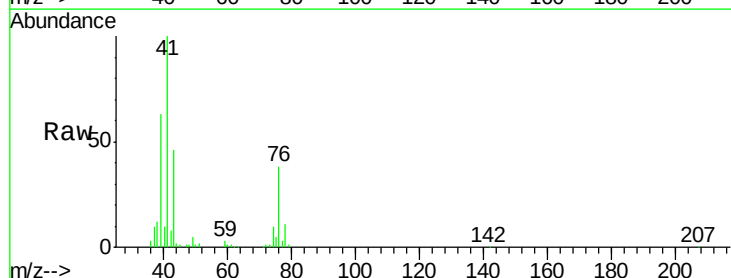
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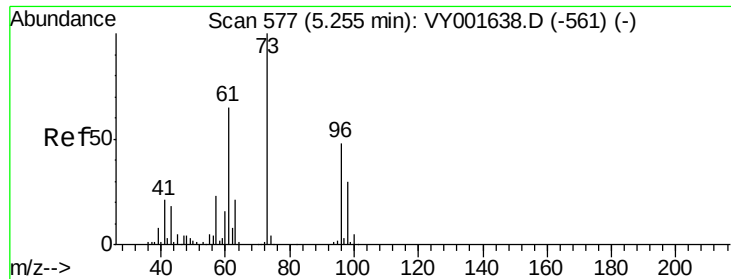
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#18
Methyl Acetate
Concen: 50.043 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.1	28.7





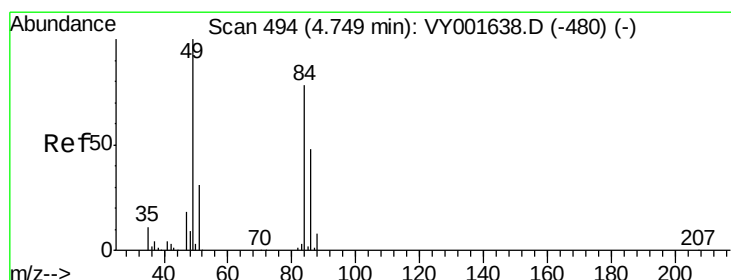
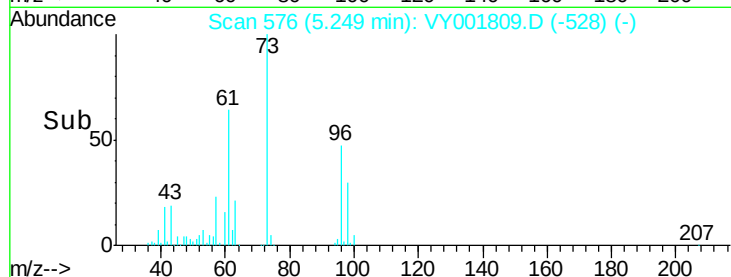
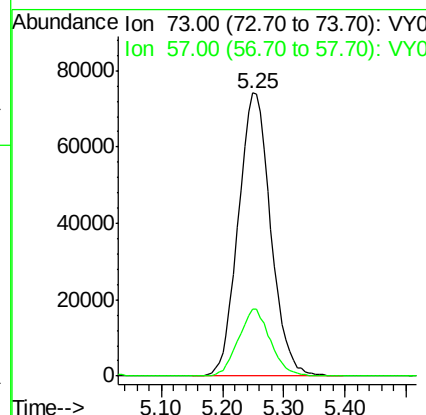
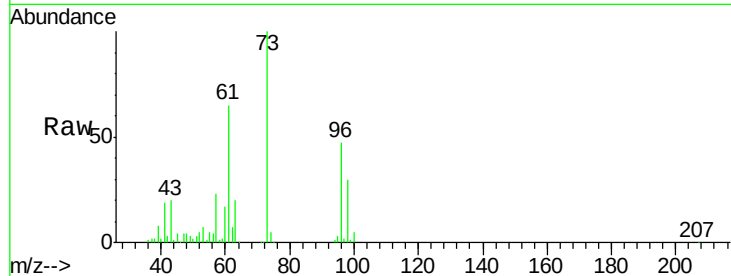
#19
Methyl tert-butyl Ether
Concen: 48.840 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 271769
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.6

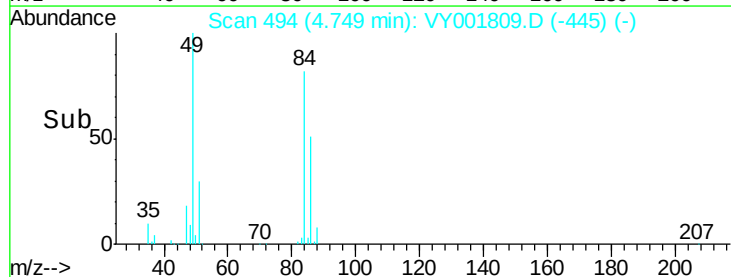
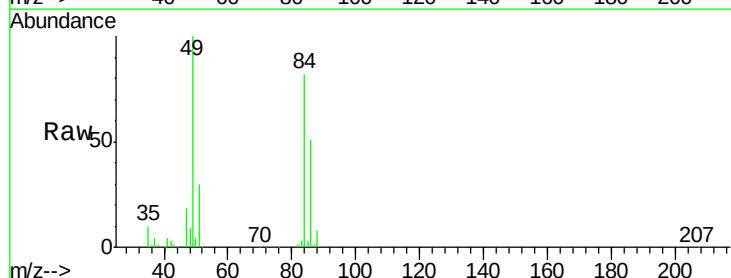
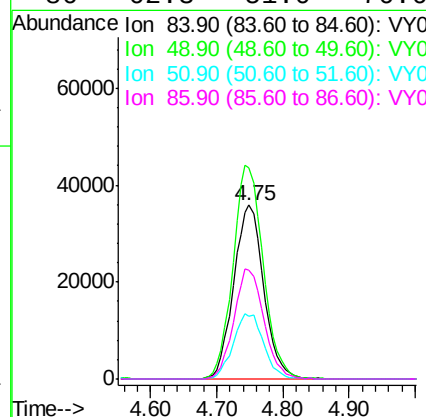
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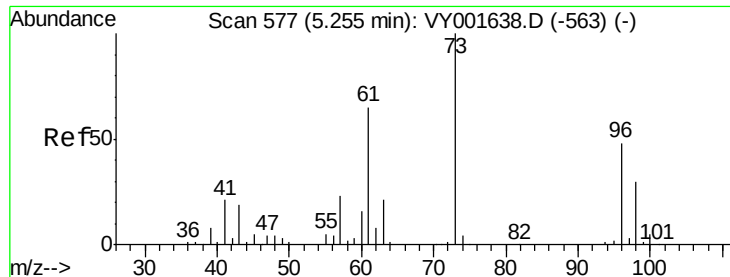
MMDadoda
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#20
Methylene Chloride
Concen: 46.379 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 84 Resp: 112939
Ion Ratio Lower Upper
84 100
49 121.8 99.2 148.8
51 36.5 31.5 47.3
86 62.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.708 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 111067

Ion Ratio Lower Upper

96 100

61 134.9 107.9 161.9

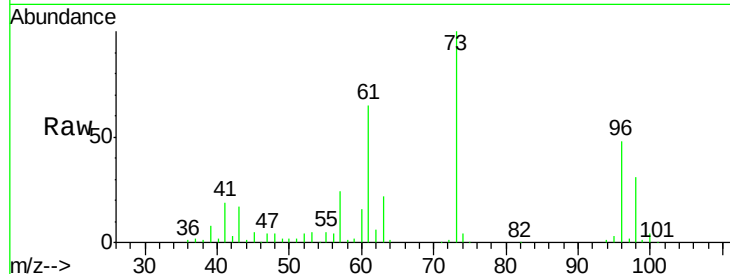
98 63.4 49.8 74.8

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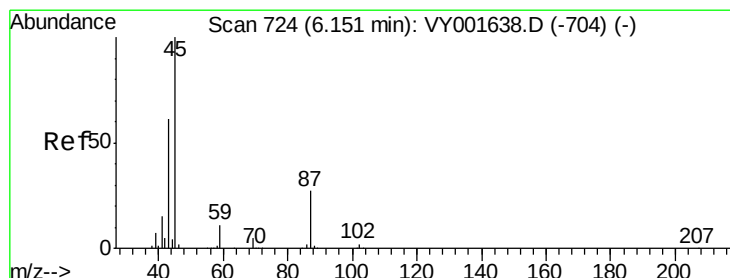
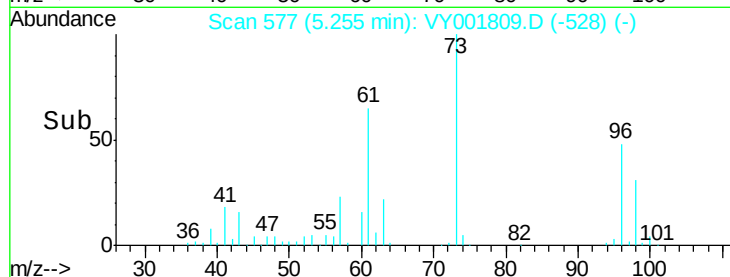
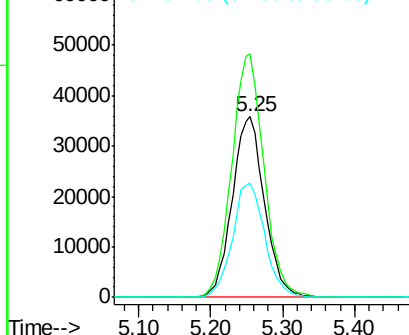


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 48.478 ug/l

RT: 6.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion: 45 Resp: 354111

Ion Ratio Lower Upper

45 100

43 58.3 46.4 69.6

87 26.7 22.1 33.1

59 11.0 9.4 14.0

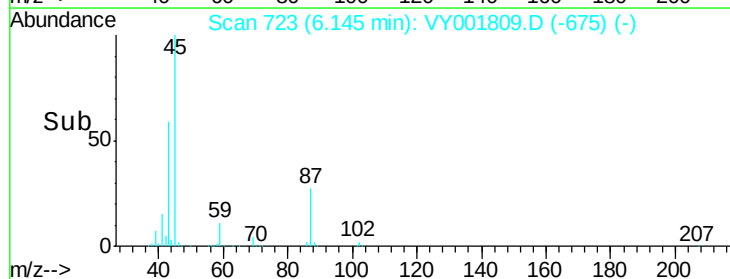
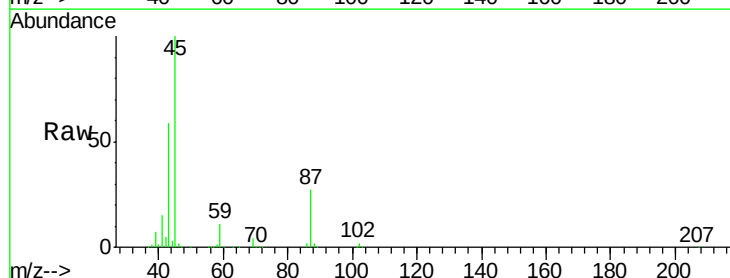
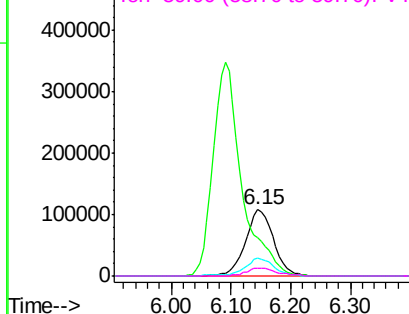
Abundance

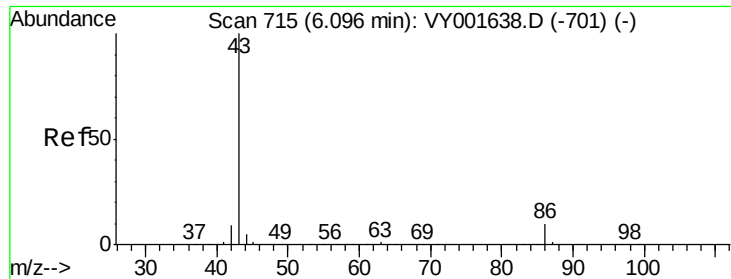
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 243.052 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1158062

Ion Ratio Lower Upper

43 100

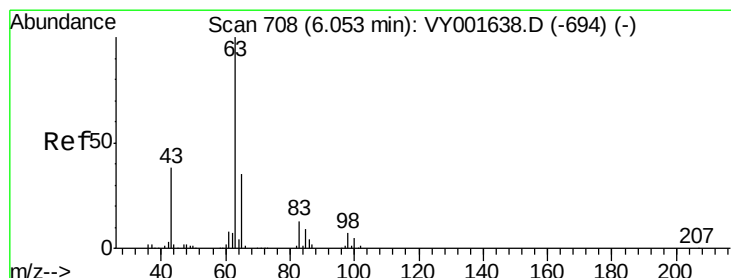
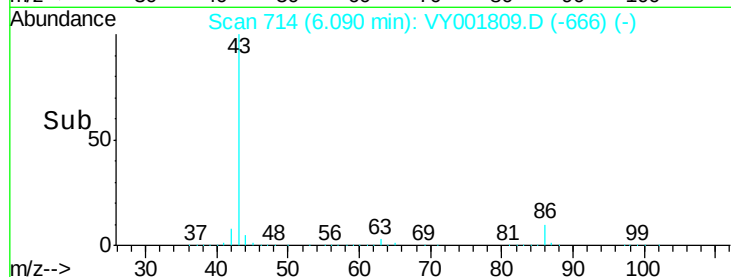
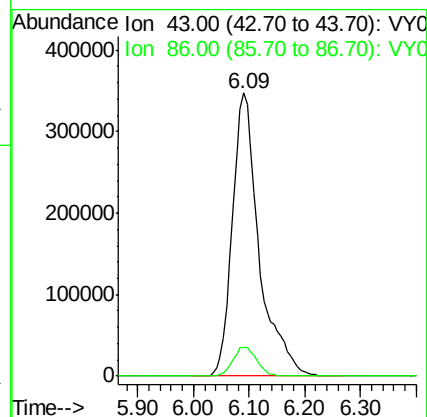
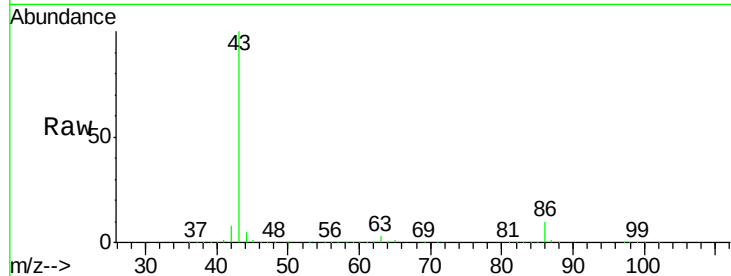
86 10.3 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 50.080 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

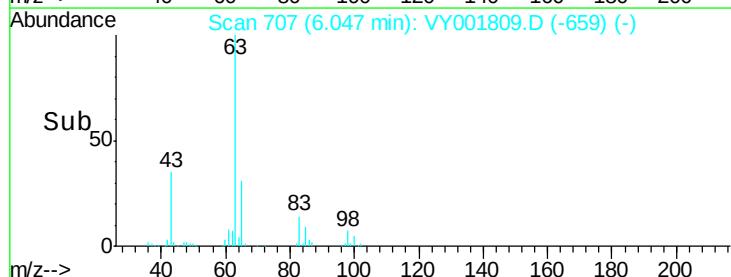
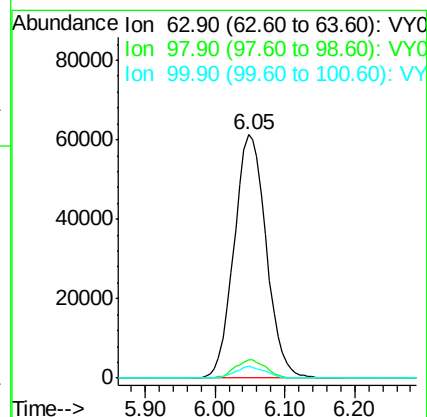
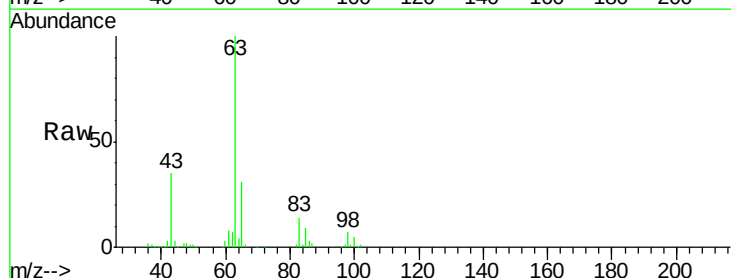
Tgt Ion: 63 Resp: 195518

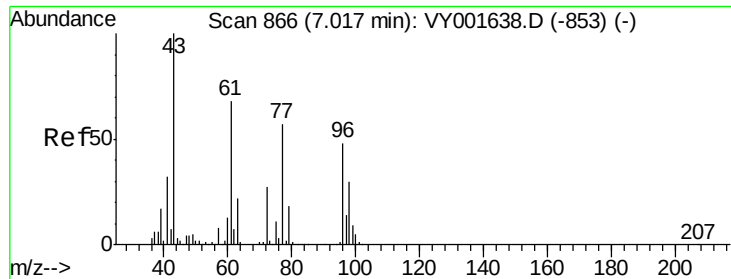
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.6 2.3 6.9





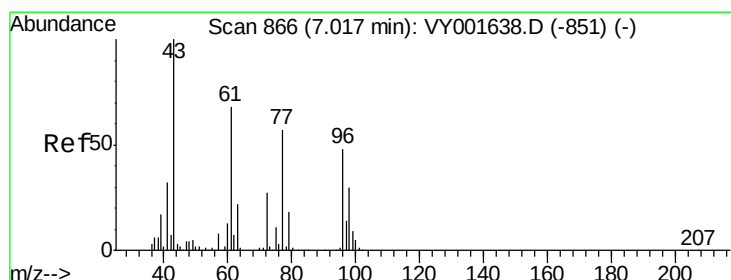
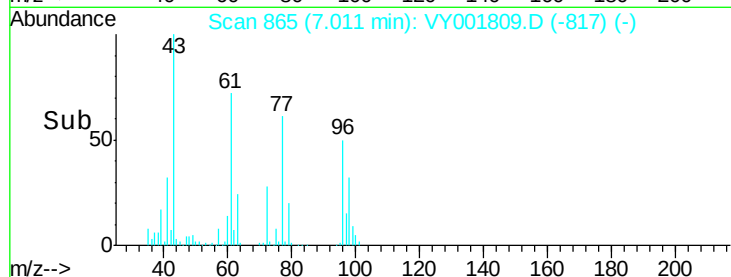
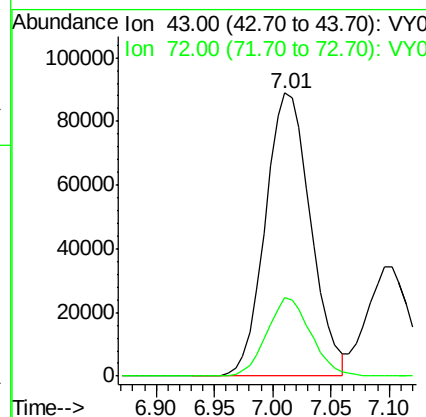
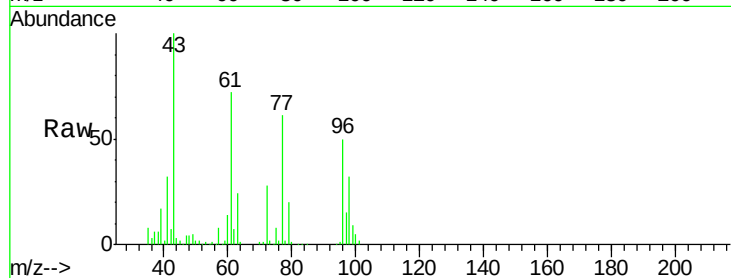
#25
2-Butanone
Concen: 257.609 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 239912
Ion Ratio Lower Upper
43 100
72 27.8 21.2 31.8

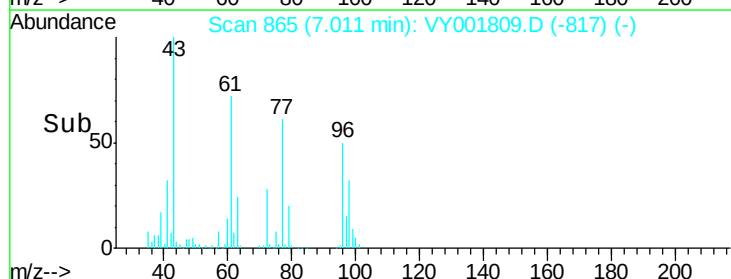
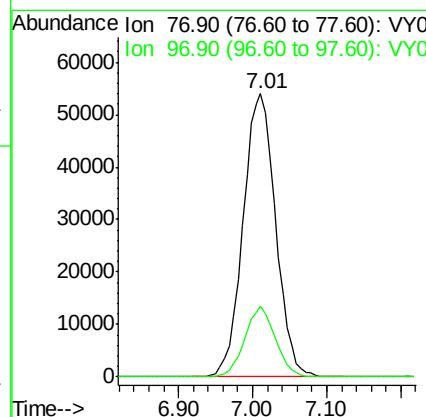
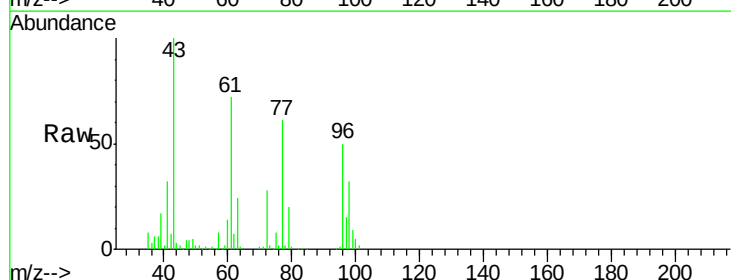
Manual Integrations
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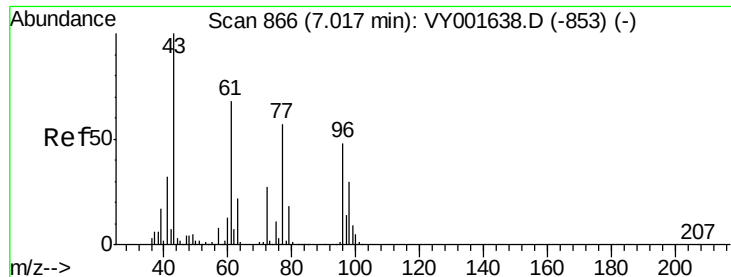
MMDadoda
3/3/2020 11:11:39 AM



#26
2,2-Dichloropropane
Concen: 48.602 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 77 Resp: 165084
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4





#27

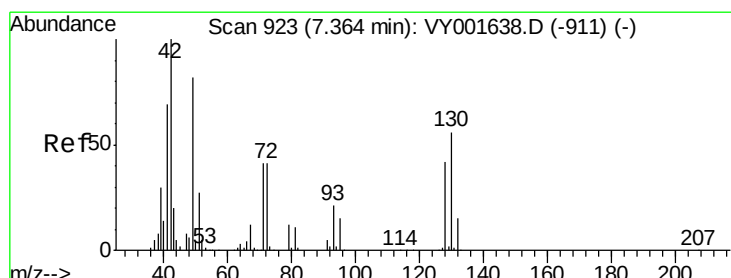
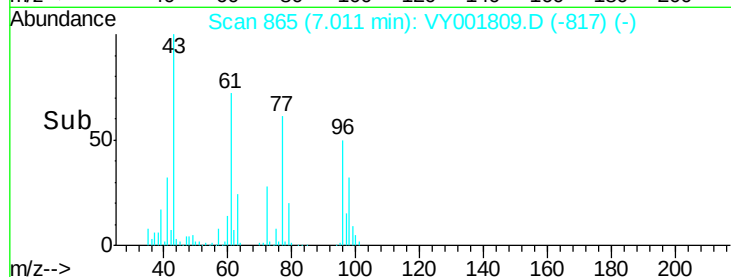
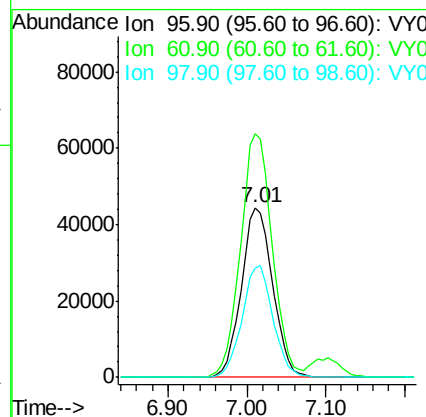
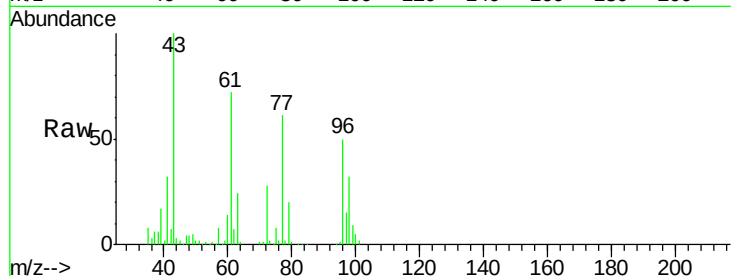
cis-1,2-Dichloroethene
Concen: 48.628 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122395		
61	145.8	0.0	290.8	
98	65.0	0.0	128.6	

Manual Integrations
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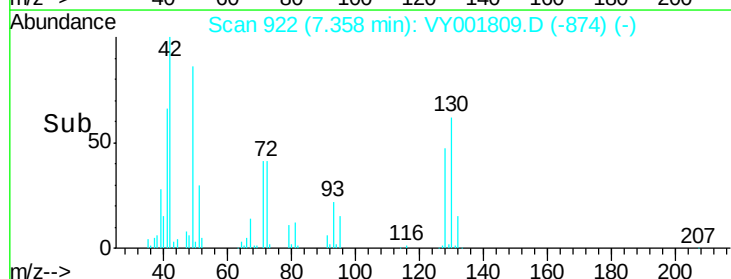
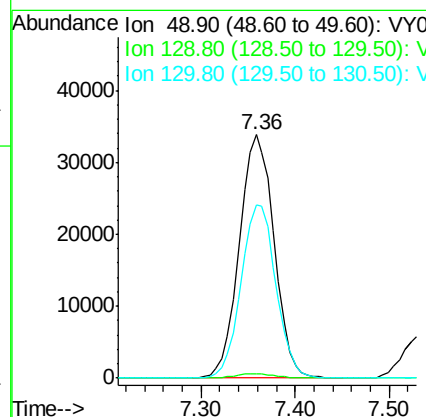
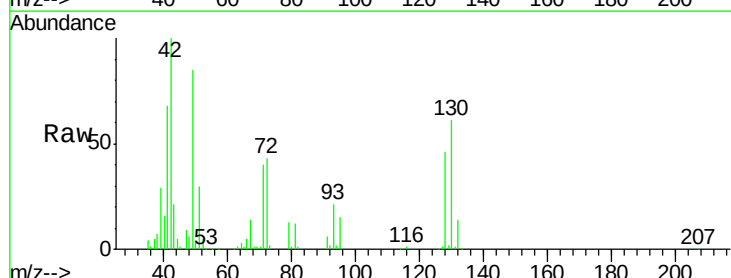
MMDadoda
3/3/2020 11:11:39 AM

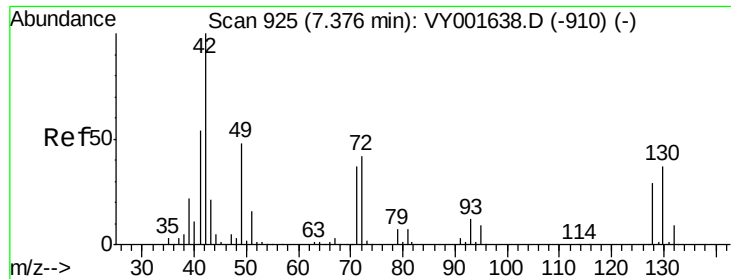


#28

Bromochloromethane
Concen: 53.620 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87203		
129	2.0	0.0	3.6	
130	71.5	56.2	84.4	





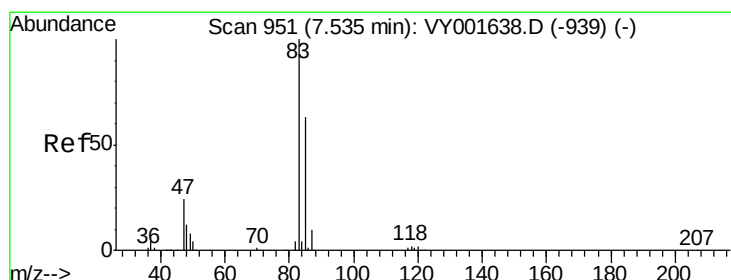
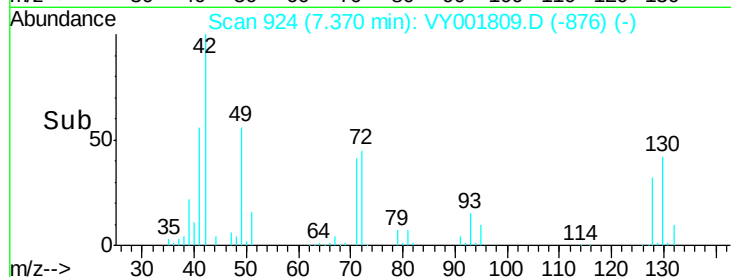
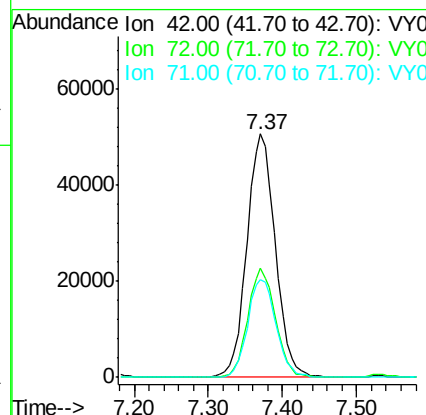
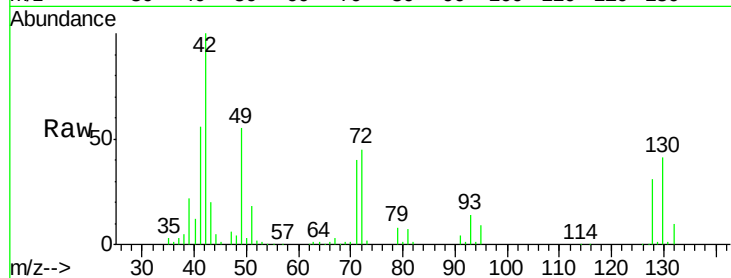
#29
Tetrahydrofuran
Concen: 242.138 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.4	51.6
71	40.1	31.8	47.8

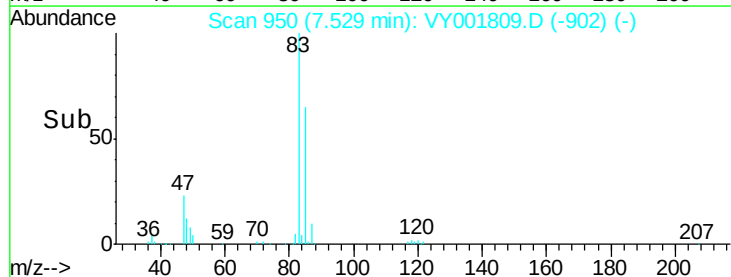
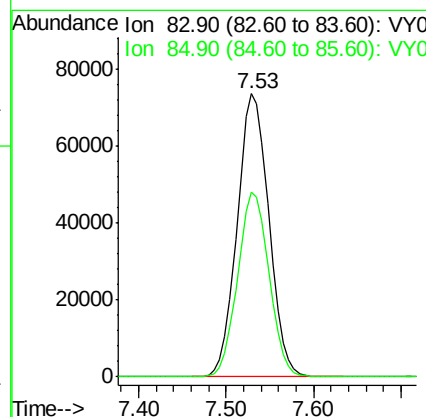
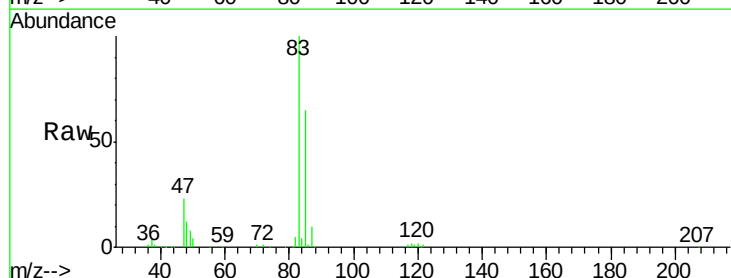
Manual Integrations
APPROVED

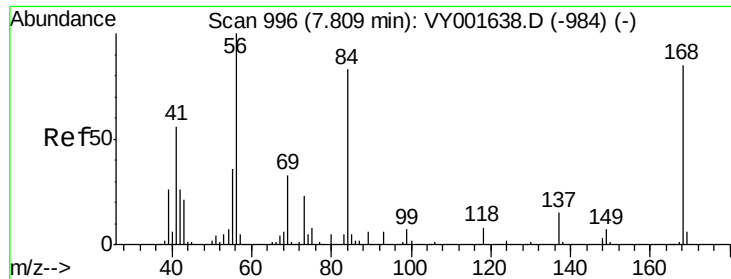
MMDadoda
3/3/2020 11:11:39 AM



#30
Chloroform
Concen: 48.529 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4





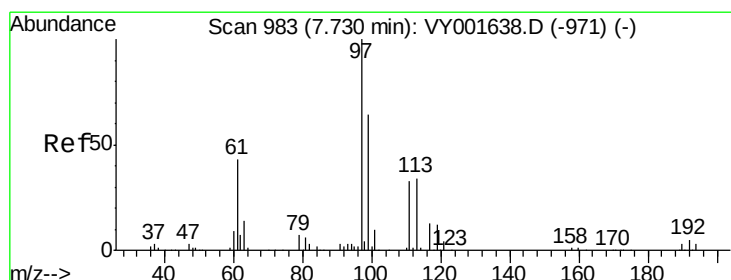
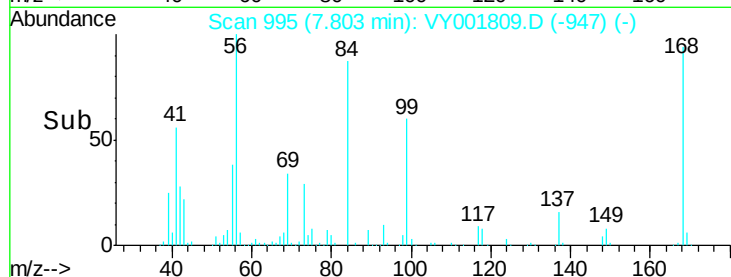
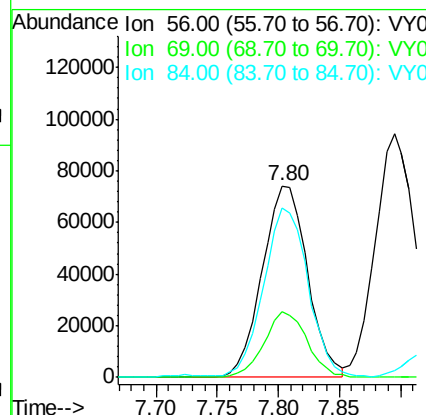
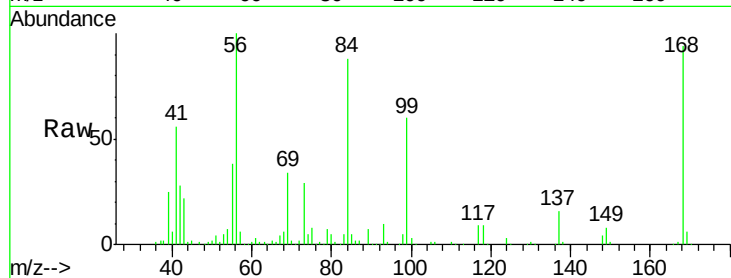
#31
Cyclohexane
Concen: 45.982 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	25.1	37.7
84	87.2	66.9	100.3

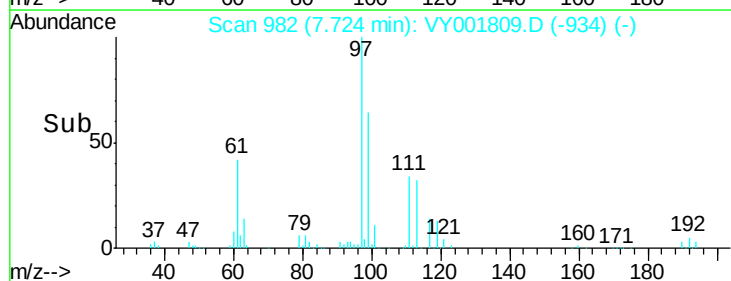
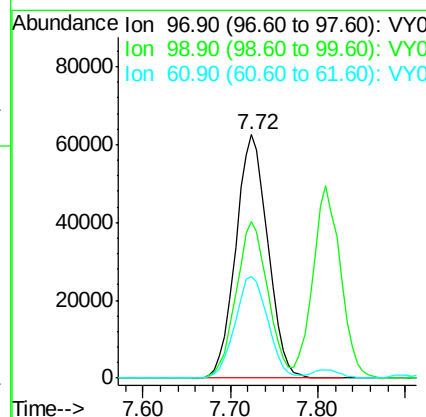
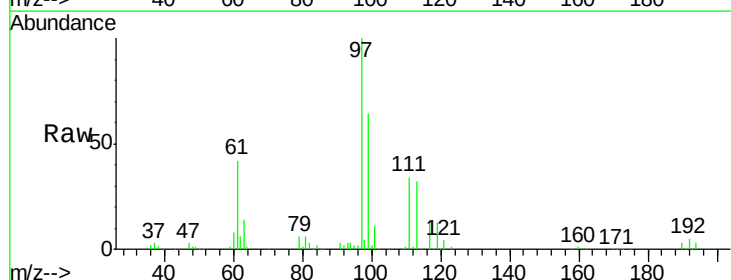
Manual Integrations
APPROVED

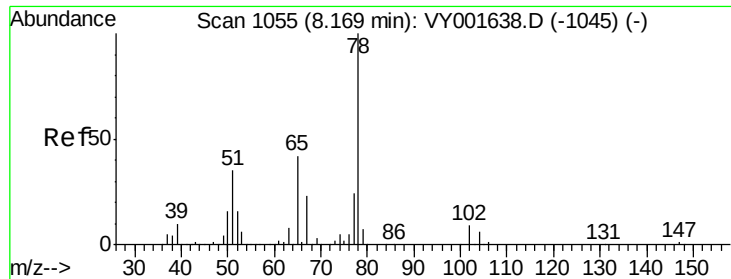
MMDadoda
3/3/2020 11:11:39 AM



#32
1,1,1-Trichloroethane
Concen: 49.583 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	42.9	35.0	52.6





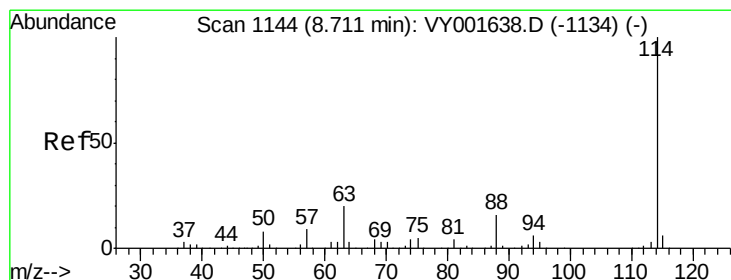
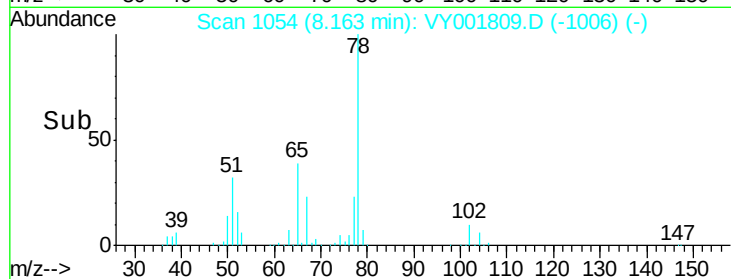
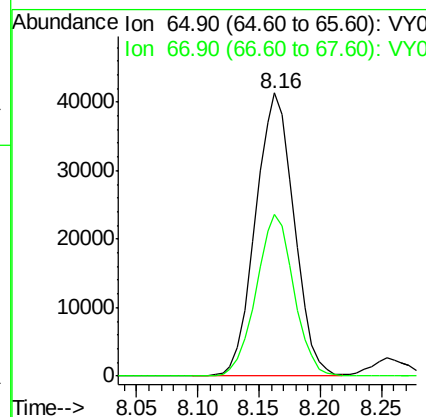
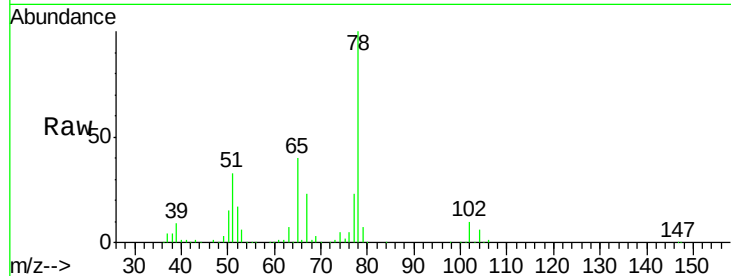
#33
 1,2-Dichloroethane-d4
 Concen: 45.689 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.8	0.0	111.0	

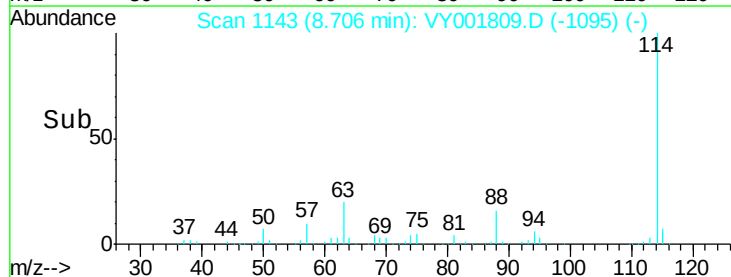
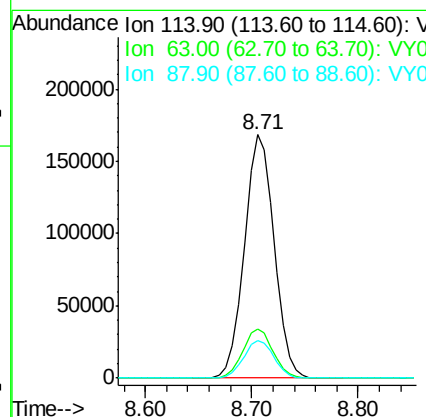
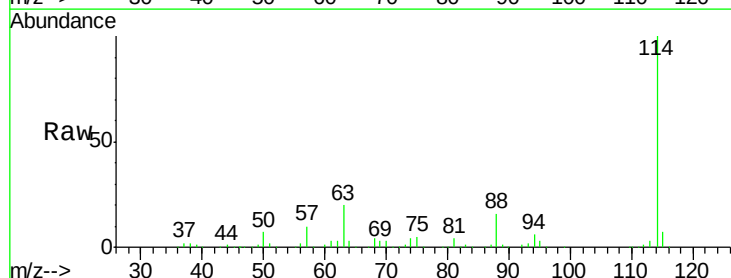
Manual Integrations
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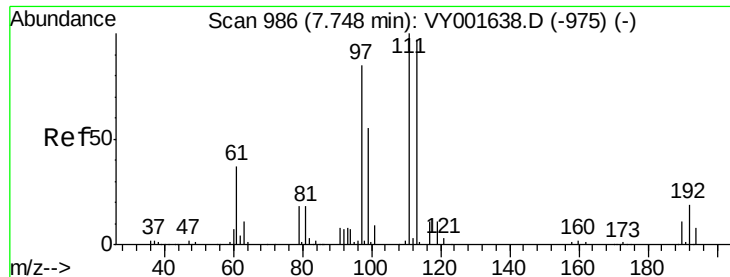
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 3/3/2020 11:11:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	41.4	
88	15.6	0.0	32.8	





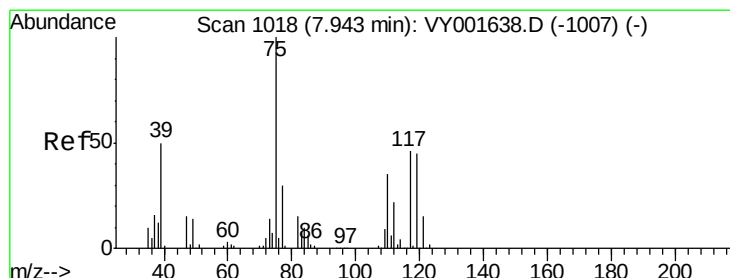
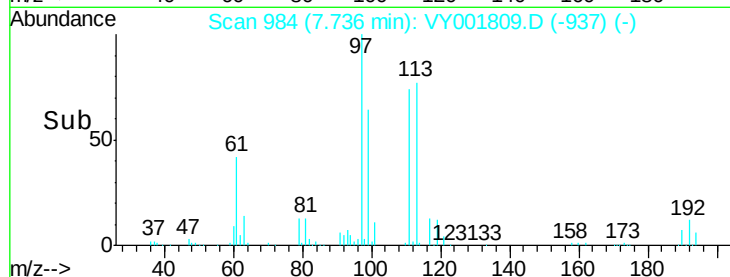
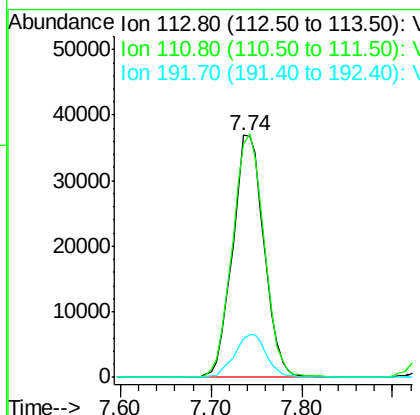
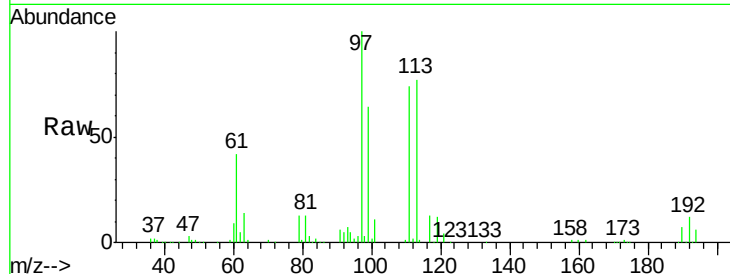
#35
Dibromofluoromethane
Concen: 46.868 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	88598		
111	101.8	81.9	122.9	
192	17.9	14.3	21.5	

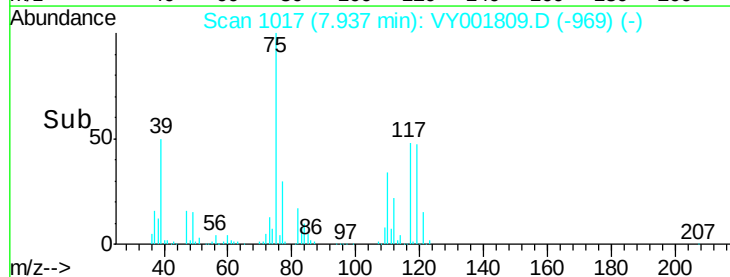
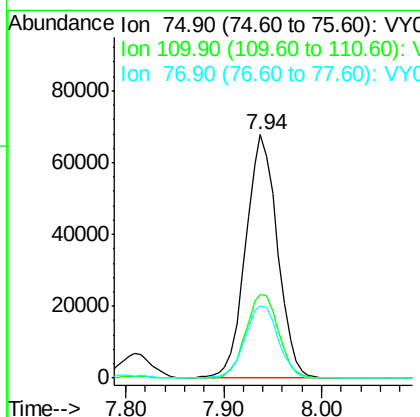
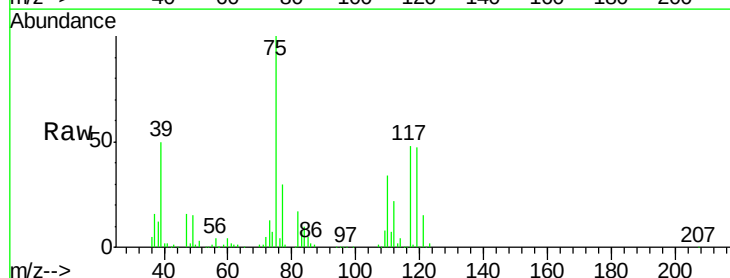
Manual Integrations
APPROVED

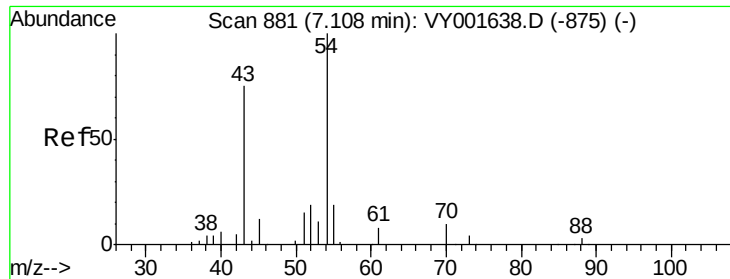
MMDadoda
3/3/2020 11:11:39 AM



#36
1,1-Dichloropropene
Concen: 48.399 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152586		
110	35.5	17.2	51.6	
77	31.4	24.8	37.2	





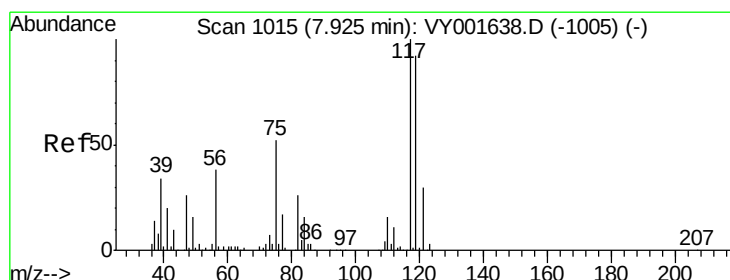
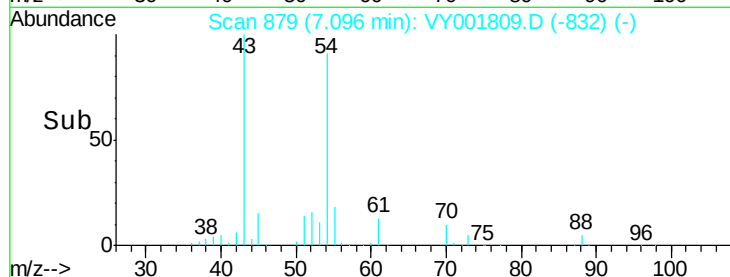
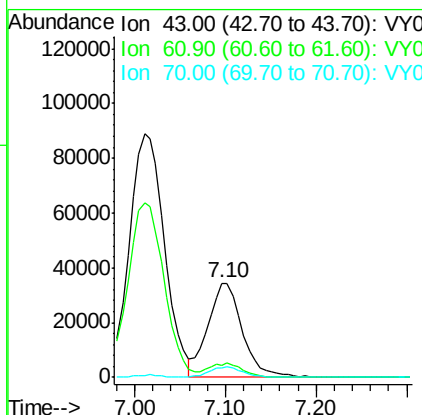
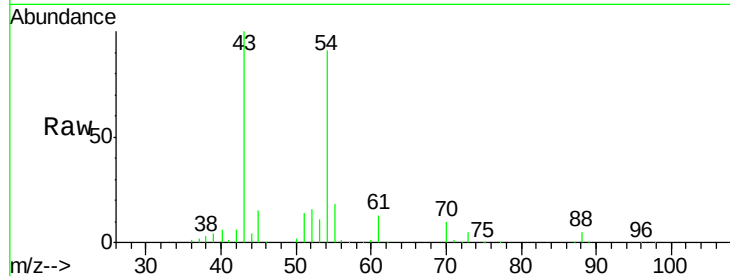
#37
Ethyl Acetate
Concen: 48.498 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	10.9	8.8	13.2

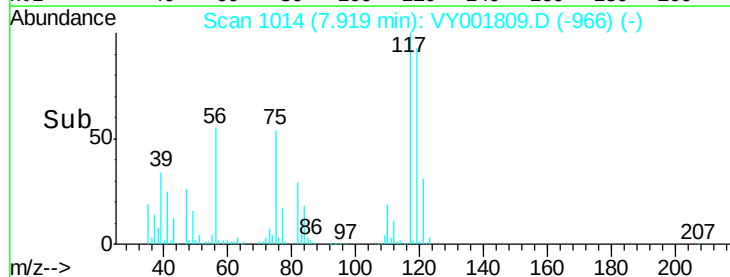
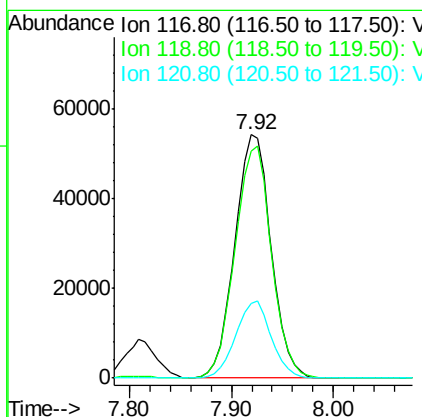
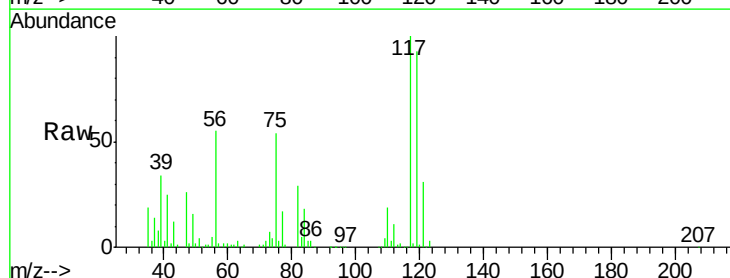
Manual Integrations
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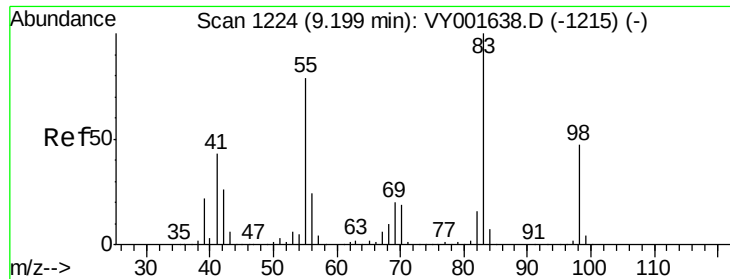
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#38
Carbon Tetrachloride
Concen: 48.403 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.8	112.2
121	30.9	23.8	35.6





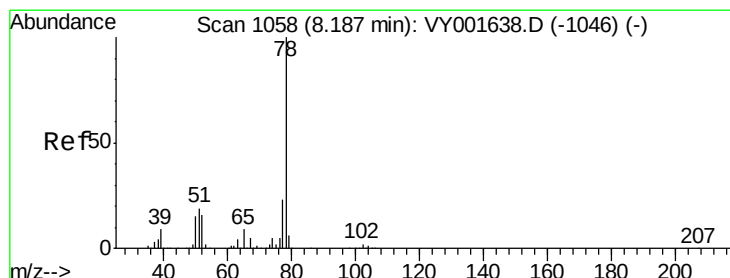
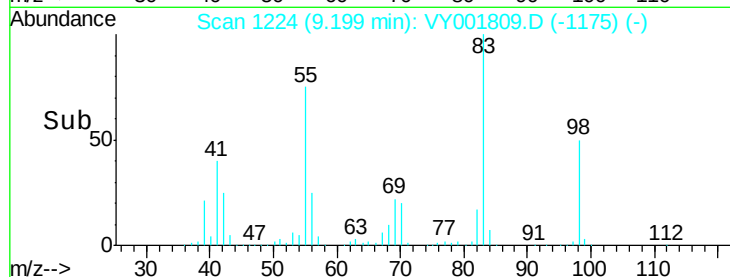
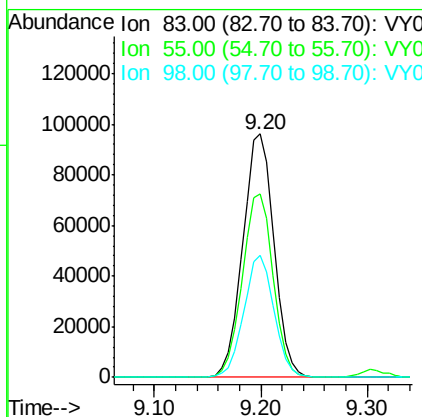
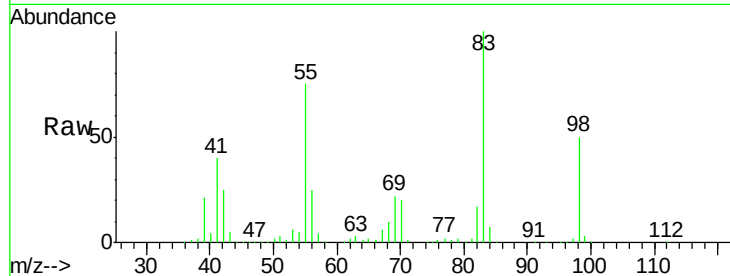
#39
Methylvlcyclohexane
Concen: 47.342 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	198009
Ion Ratio	100	Lower	Upper
83	100		
55	75.1	61.3	91.9
98	49.9	38.0	57.0

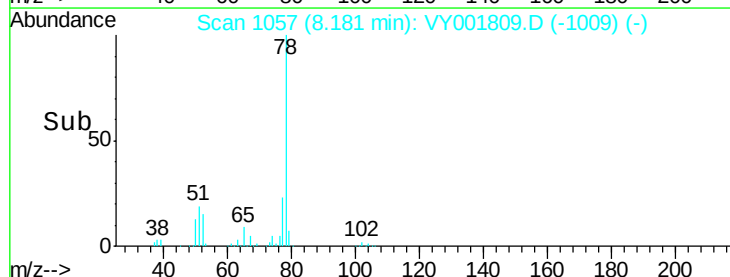
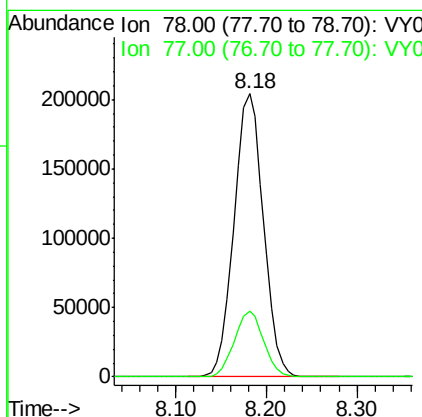
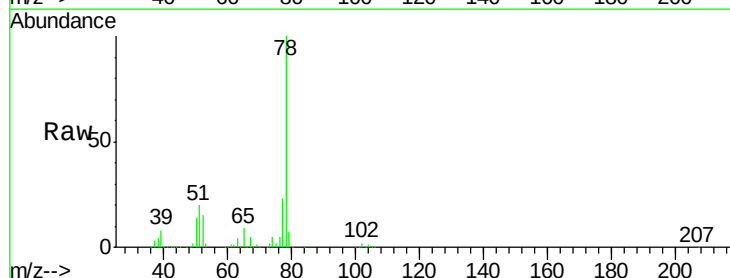
Manual Integrations
APPROVED

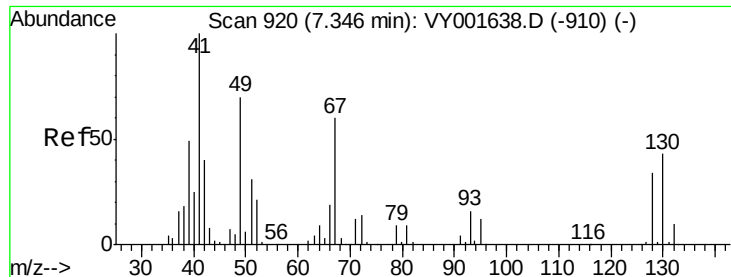
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3/3/2020 11:11:39 AM



#40
Benzene
Concen: 49.450 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	78	Resp	458506
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	18.2	27.4





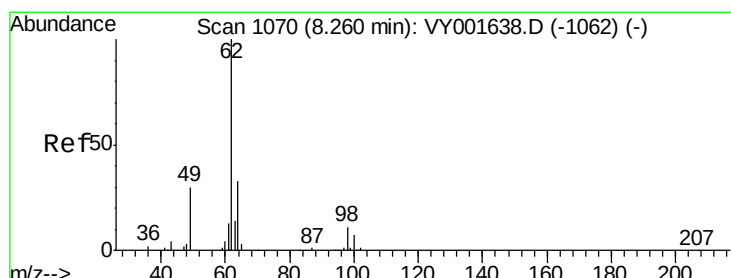
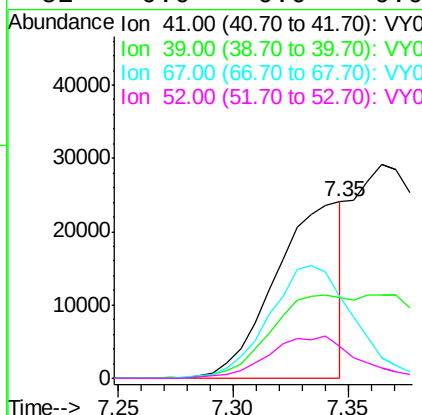
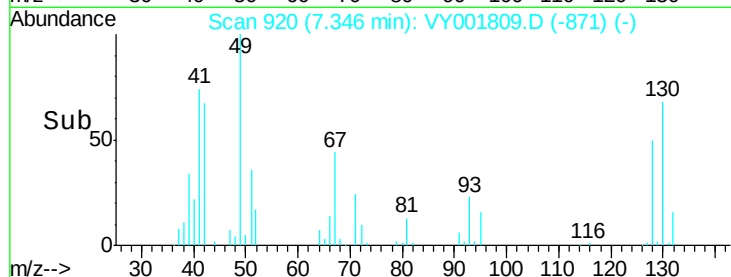
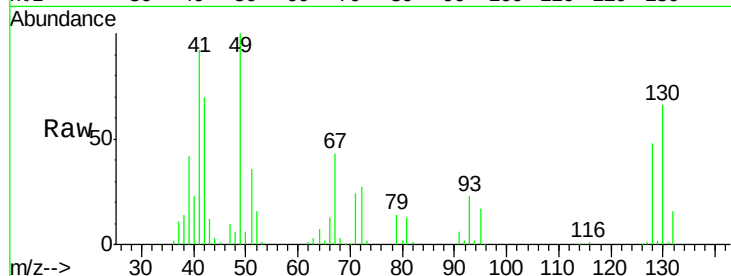
#41
Methacrylonitrile
Concen: 51.705 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	48851
Ion Ratio	Lower	Upper	
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

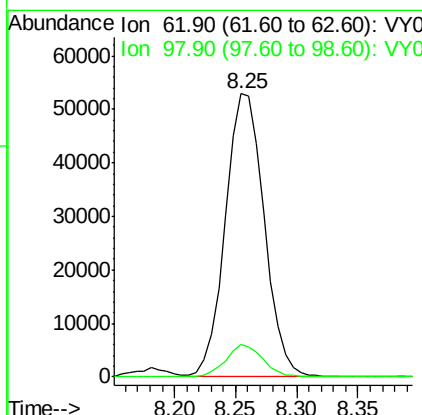
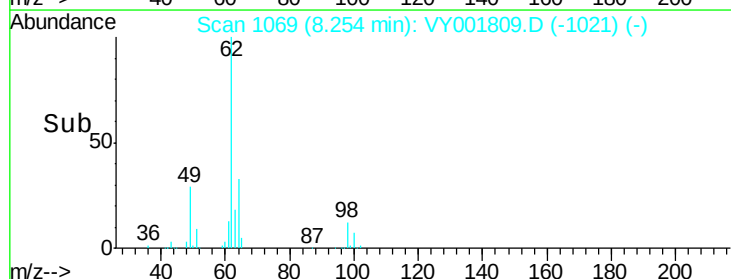
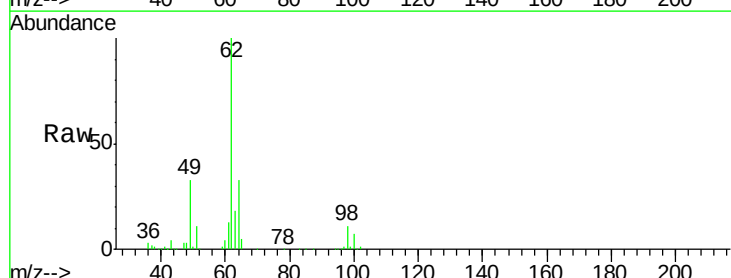
Manual Integrations
APPROVED

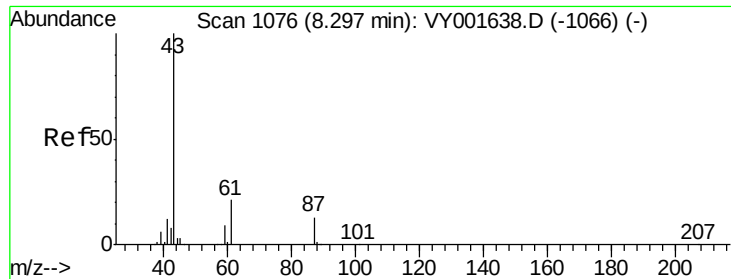
MMDadoda
3/3/2020 11:11:39 AM



#42
1,2-Dichloroethane
Concen: 46.036 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	62	Resp	116286
Ion Ratio	Lower	Upper	
62	100		
98	10.8	0.0	20.8





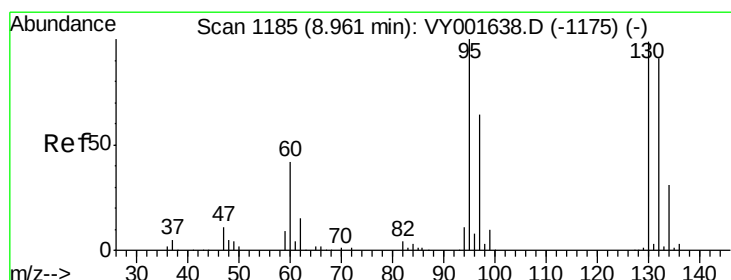
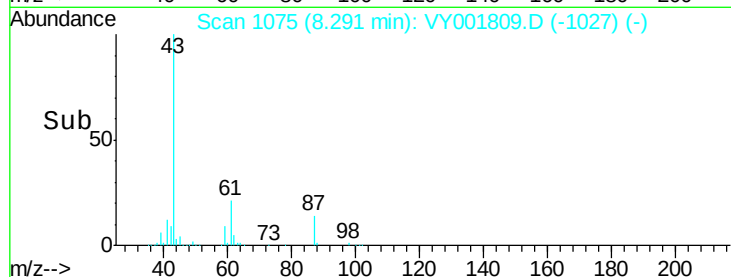
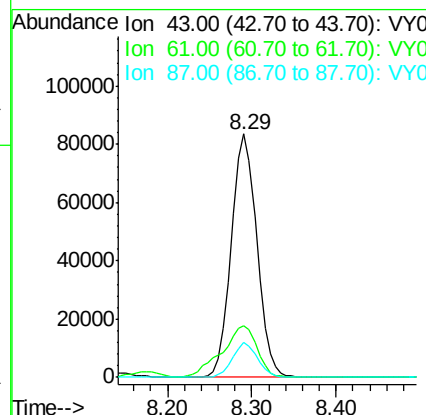
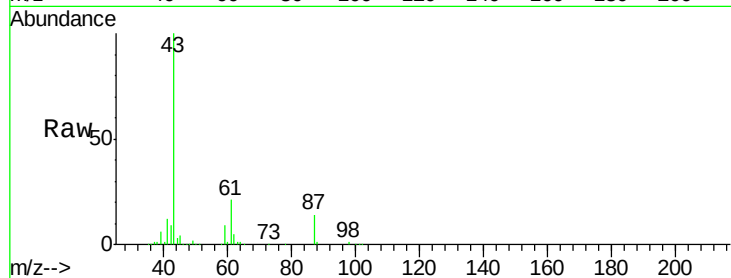
#43
Isopropyl Acetate
Concen: 48.027 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.0	34.4
87	13.9	10.7	16.1

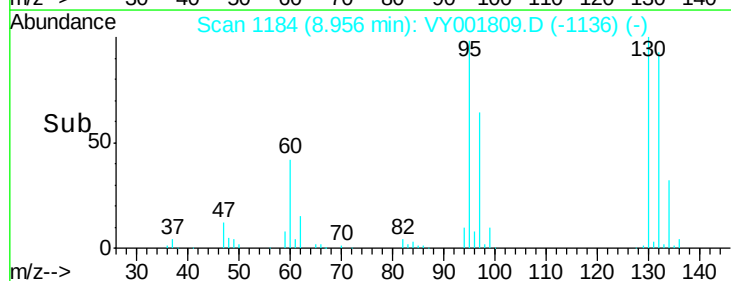
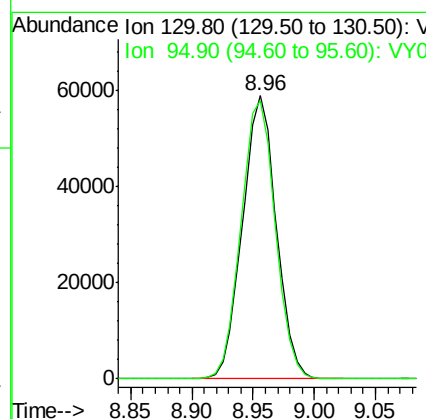
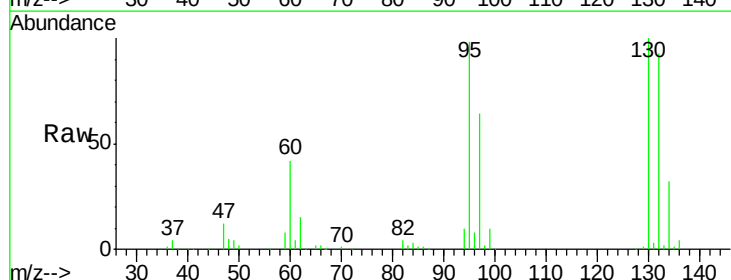
Manual Integrations
APPROVED

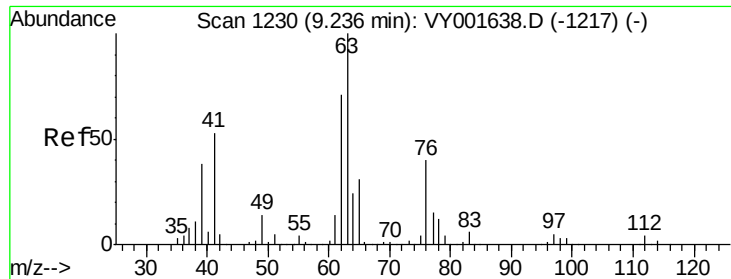
MMDadoda
3/3/2020 11:11:39 AM



#44
Trichloroethene
Concen: 48.862 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	200.6





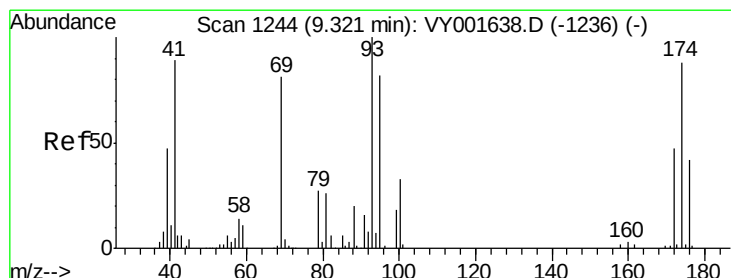
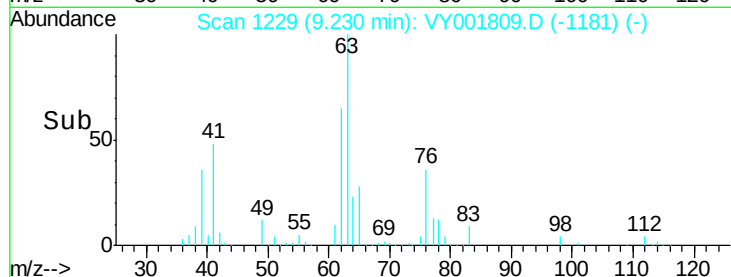
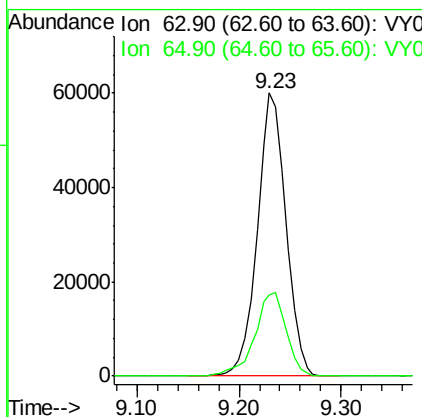
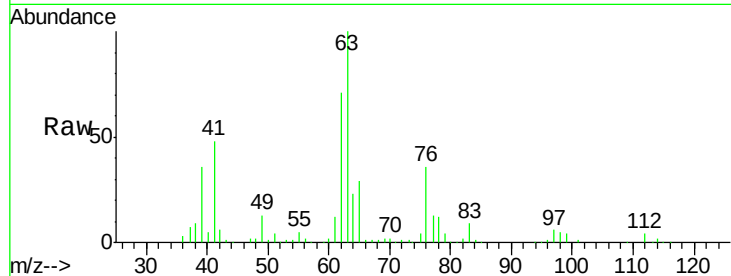
#45
 1,2-Dichloropropane
 Concen: 50.500 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 117265
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.6 37.0

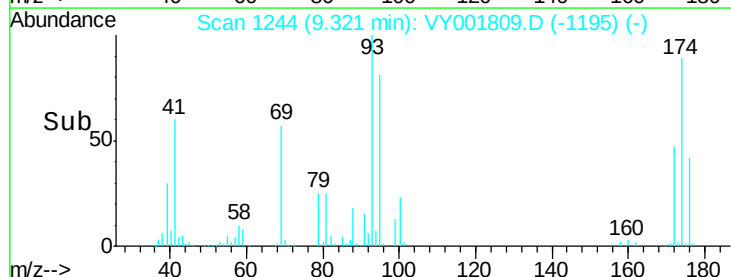
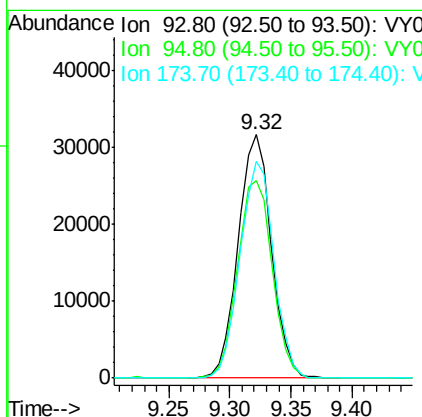
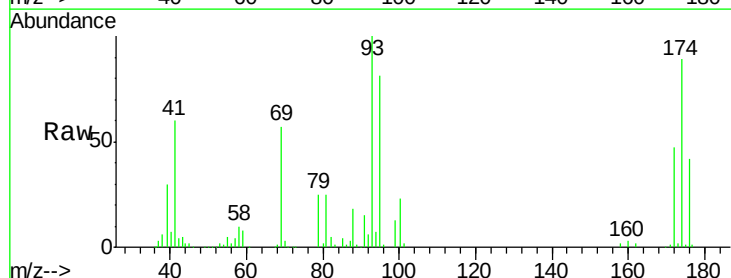
Manual Integrations
 APPROVED

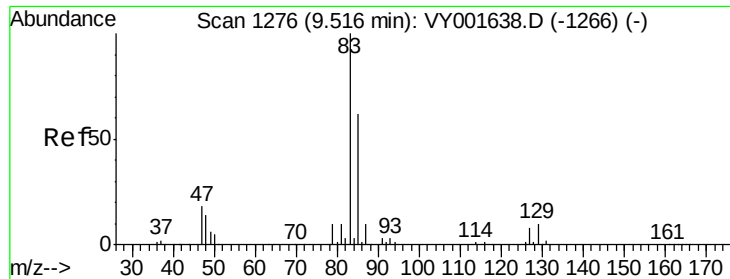
MMDadoda
 3/3/2020 11:11:39 AM



#46
 Dibromomethane
 Concen: 49.163 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 93 Resp: 59711
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.1 99.1
 174 90.6 72.5 108.7





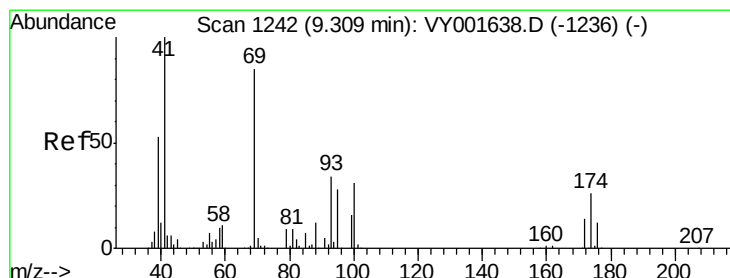
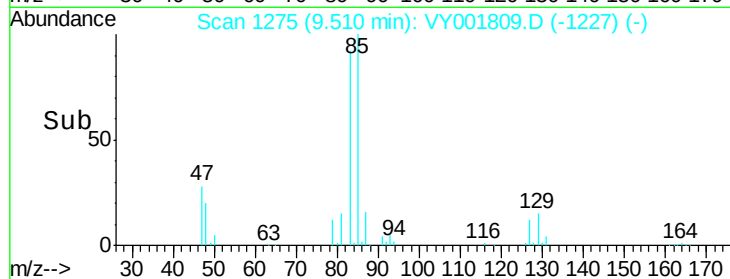
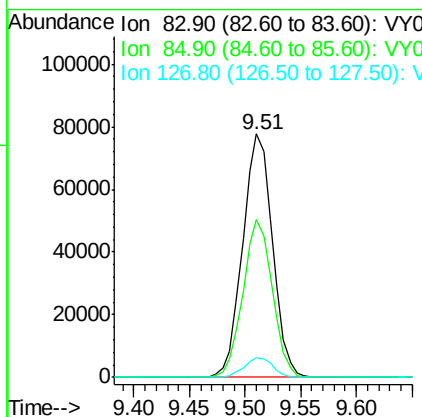
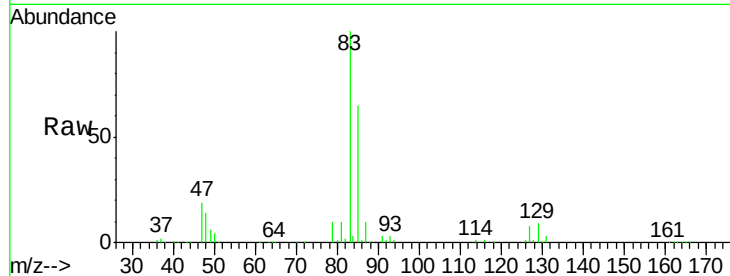
#47
Bromodichloromethane
Concen: 49.110 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	143954
Ion Ratio	100		
85	64.8	51.4	77.0
127	7.9	6.4	9.6

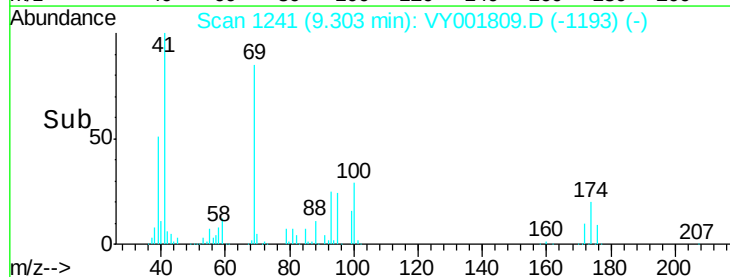
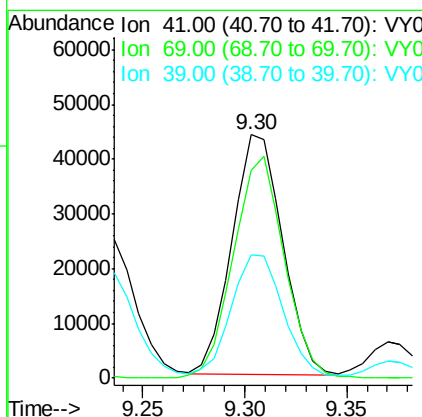
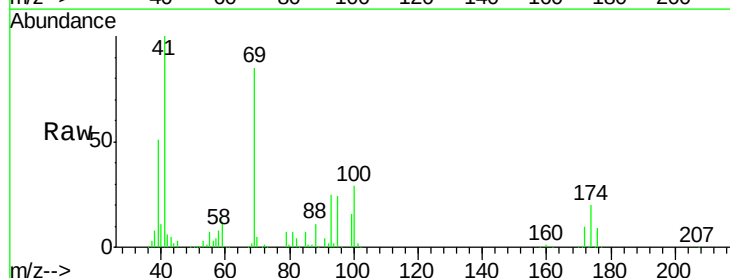
Manual Integrations
APPROVED

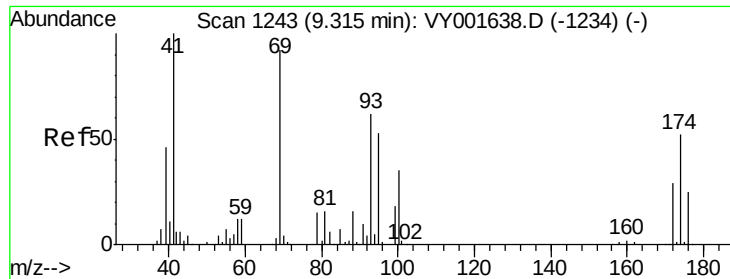
MMDadoda
3/3/2020 11:11:39 AM



#48
Methyl methacrylate
Concen: 46.901 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	41	Resp	75729
Ion Ratio	100		
69	93.0	70.7	106.1
39	53.4	42.2	63.2





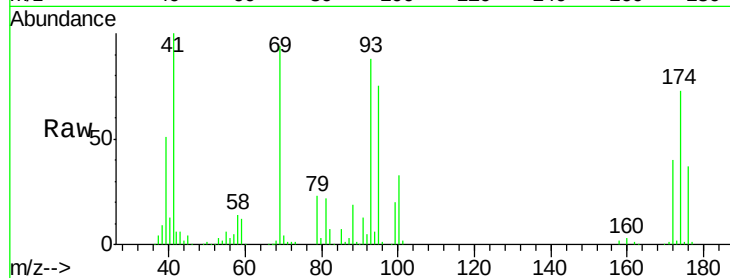
#49
1,4-Dioxane
Concen: 952.362 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	16337
Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.1	34.7
58	72.7	58.1	87.1

Manual Integrations
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MMDadoda
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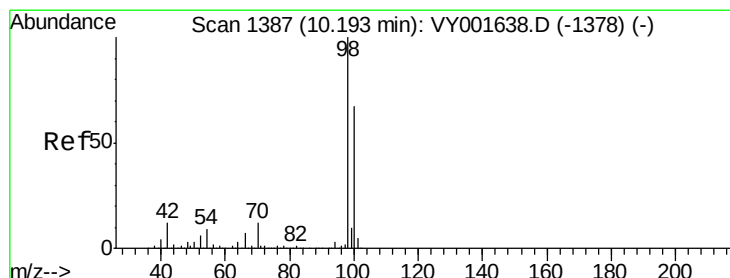
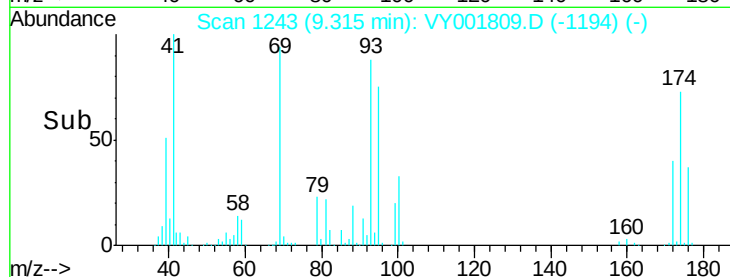
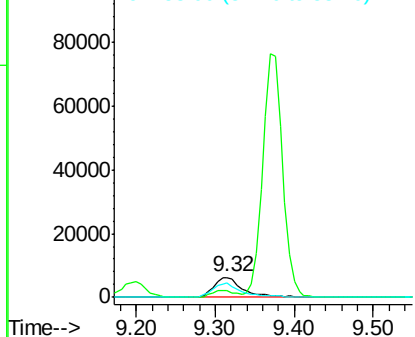


Abundance

Ion 88.00 (87.70 to 88.70): VY001809.D (-1194) (-)

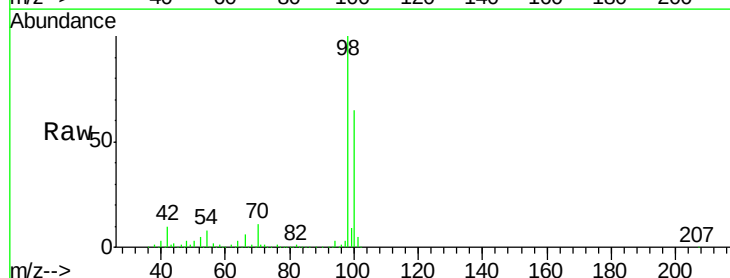
Ion 43.00 (42.70 to 43.70): VY001809.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001809.D (-1194) (-)



#50
Toluene-d8
Concen: 48.583 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

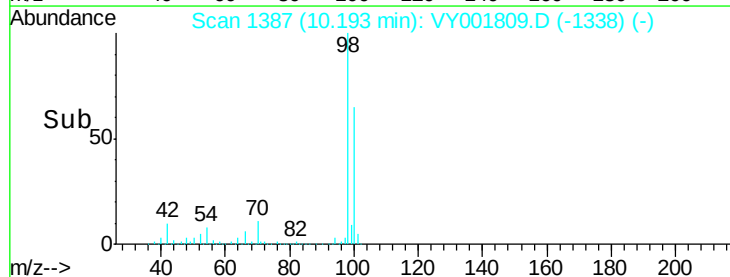
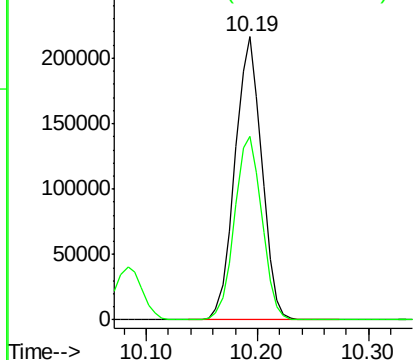
Tgt Ion	98	Resp	359806
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

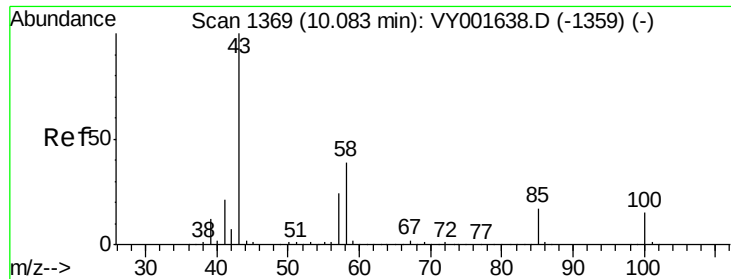


Abundance

Ion 98.00 (97.70 to 98.70): VY001809.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY001809.D (-1338) (-)





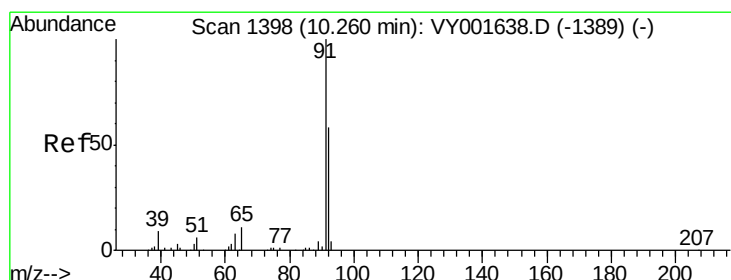
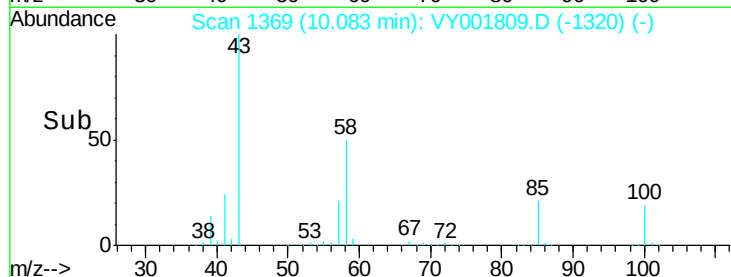
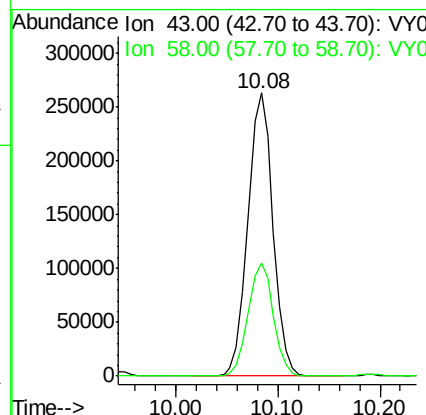
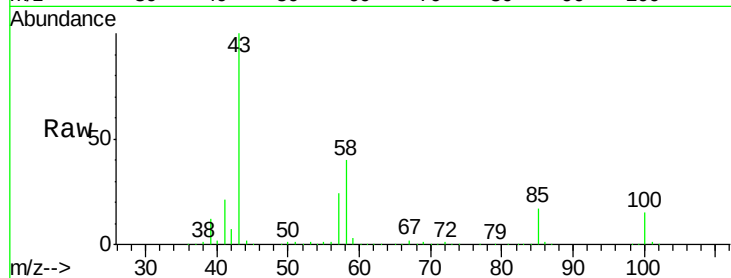
#51
4-Methyl-2-Pentanone
Concen: 244.860 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 449153
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.4

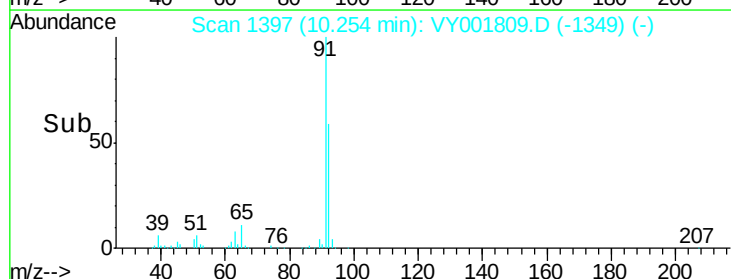
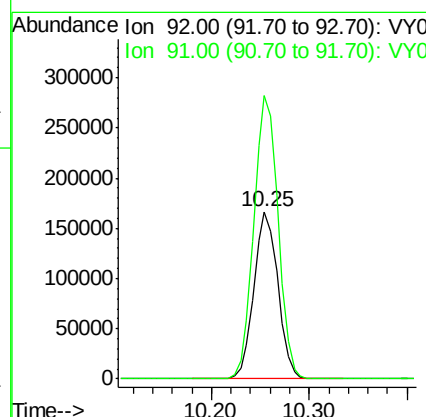
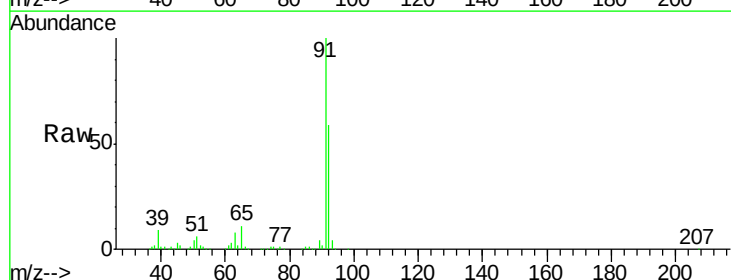
Manual Integrations
APPROVED

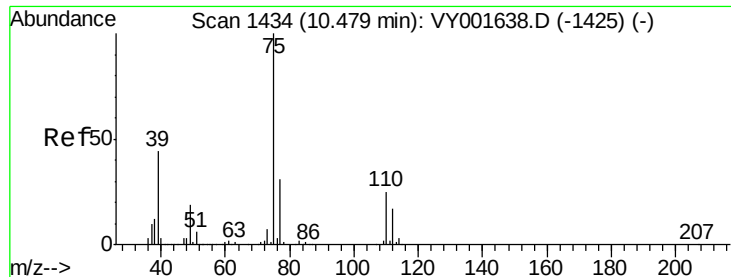
MMDadoda
3/3/2020 11:11:39 AM



#52
Toluene
Concen: 48.879 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 92 Resp: 282701
Ion Ratio Lower Upper
92 100
91 171.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 49.244 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 159577

Ion Ratio Lower Upper

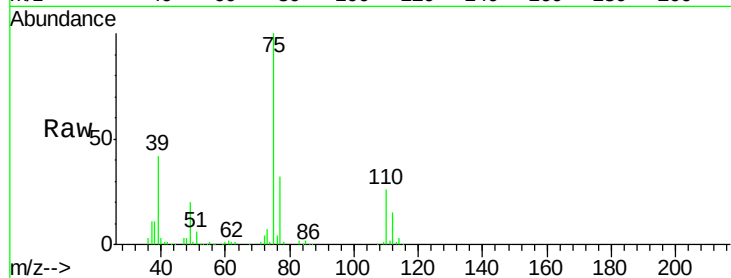
75 100

77 31.6 25.2 37.8

Manual Integrations
APPROVED

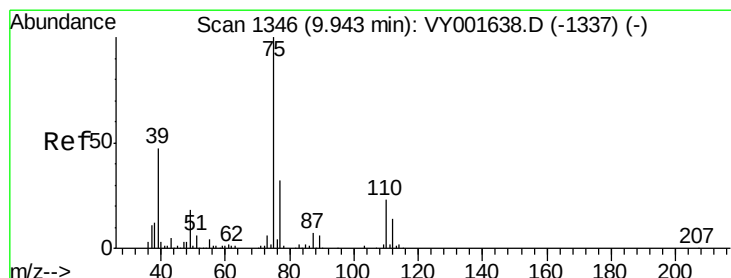
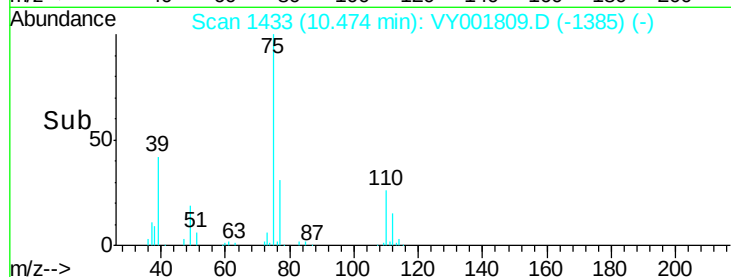
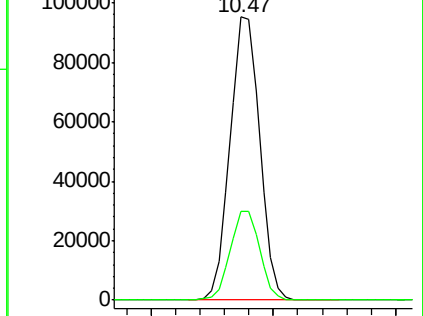
MMDadoda

3/3/2020 11:11:39 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.956 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

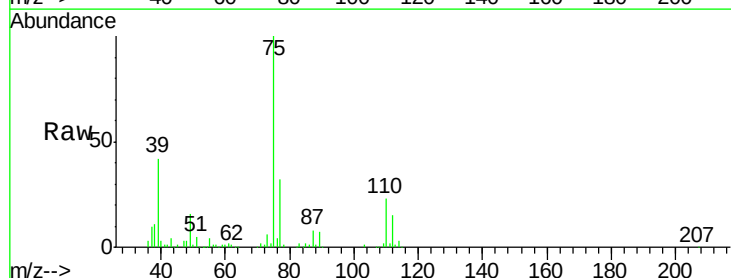
Tgt Ion: 75 Resp: 186318

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

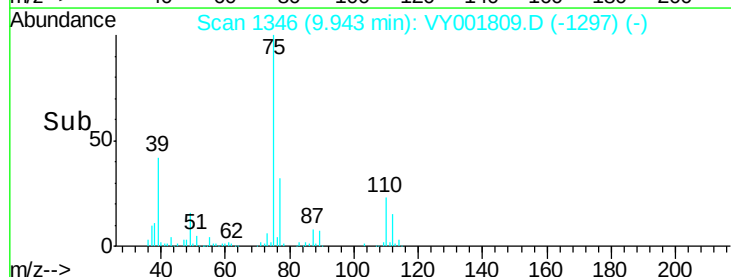
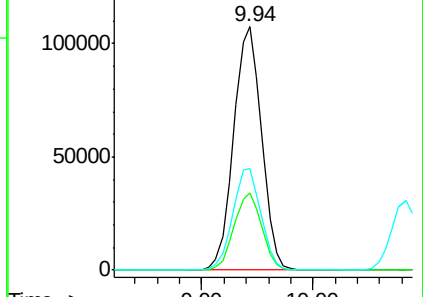
39 41.7 35.7 53.5

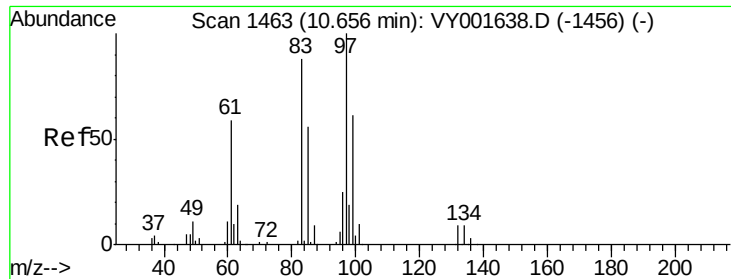


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





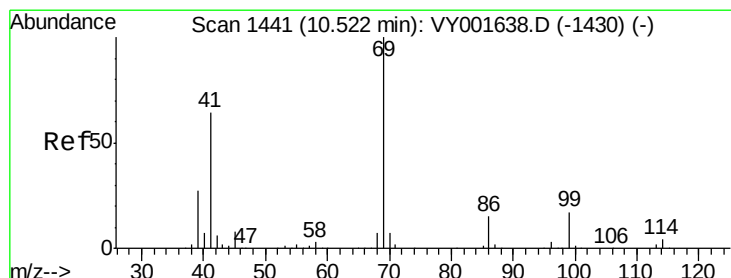
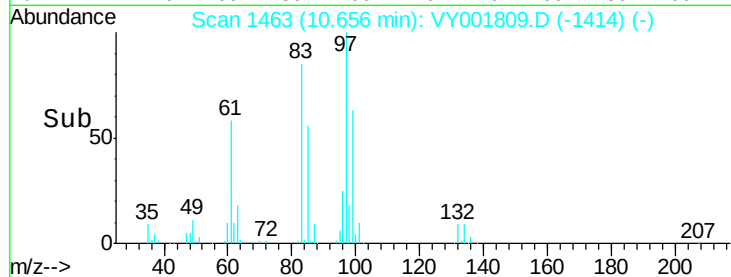
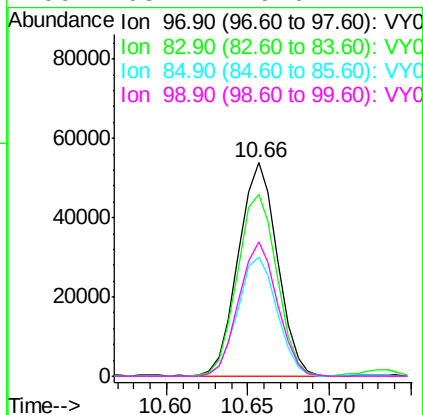
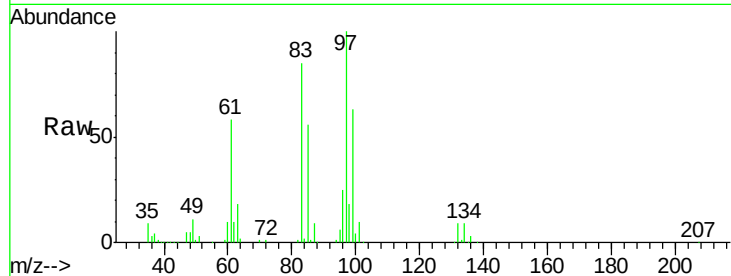
#55
 1,1,2-Trichloroethane
 Concen: 50.087 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.7	104.5
85	55.5	44.5	66.7
99	63.2	49.6	74.4

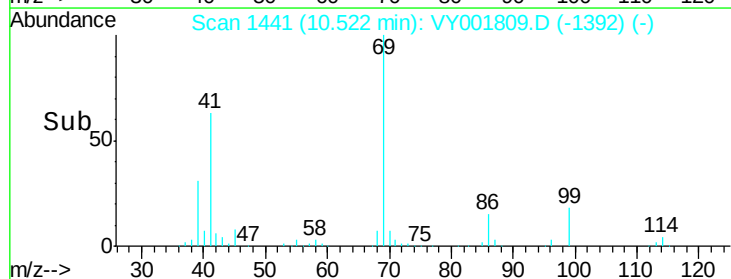
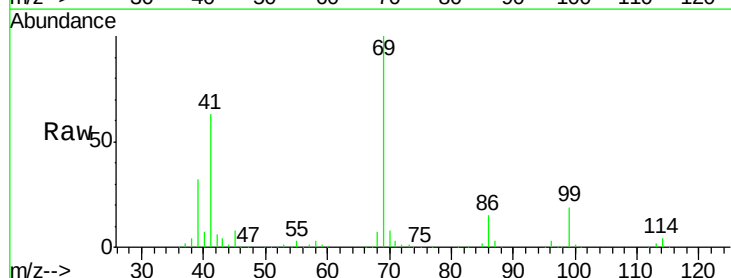
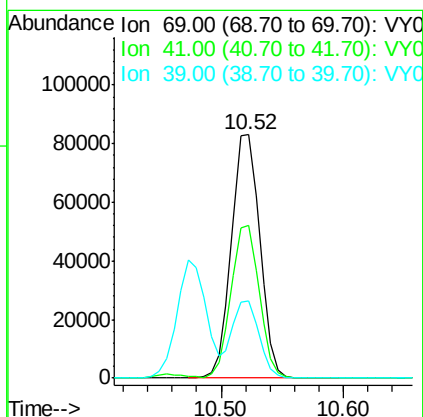
Manual Integrations
 APPROVED

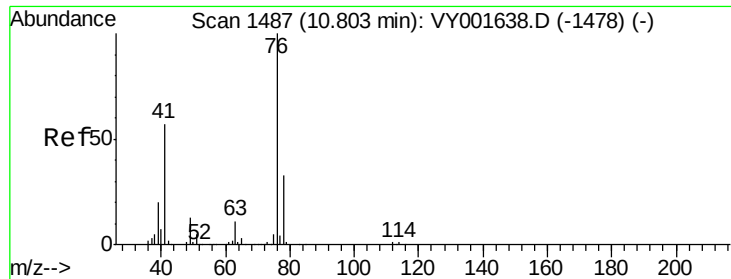
MMDadoda
 3/3/2020 11:11:39 AM



#56
 Ethyl methacrylate
 Concen: 49.735 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.0	76.4
39	30.5	24.7	37.1





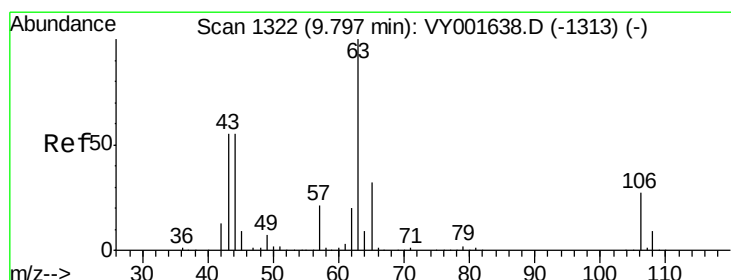
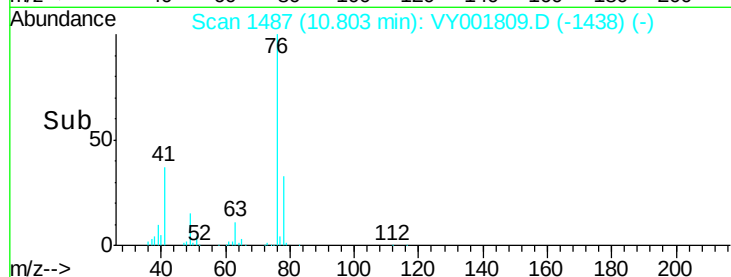
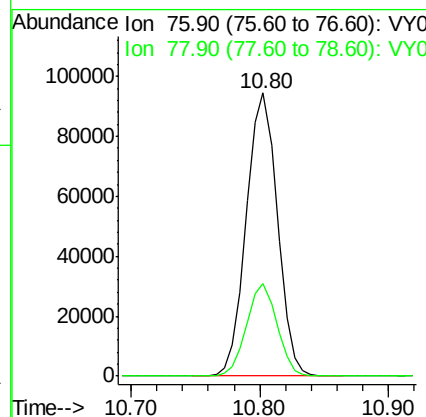
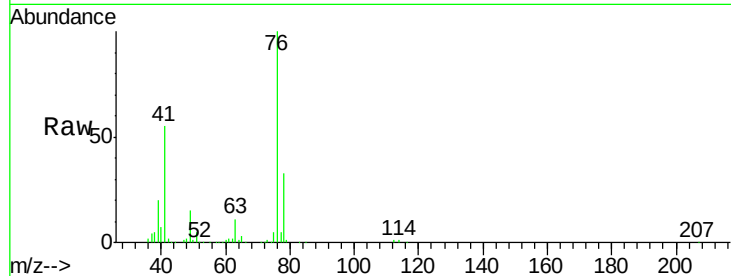
#57
 1,3-Dichloropropane
 Concen: 49.329 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	76	Resp	156969
Ion Ratio	Lower	Upper	
76	100		
78	32.1	25.7	38.5

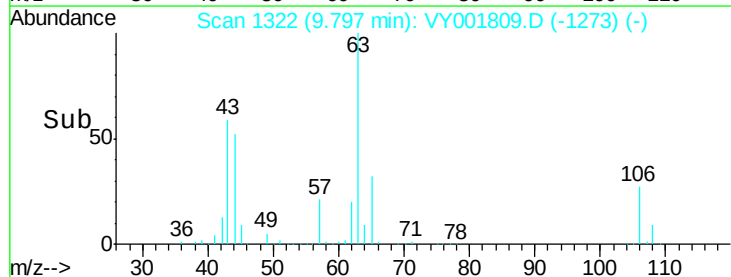
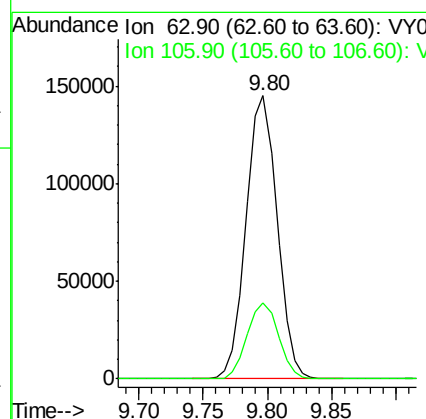
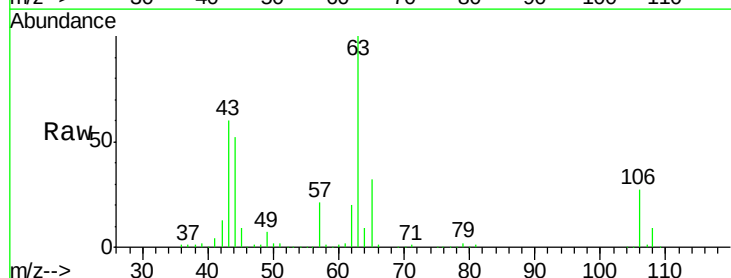
Manual Integrations
 APPROVED

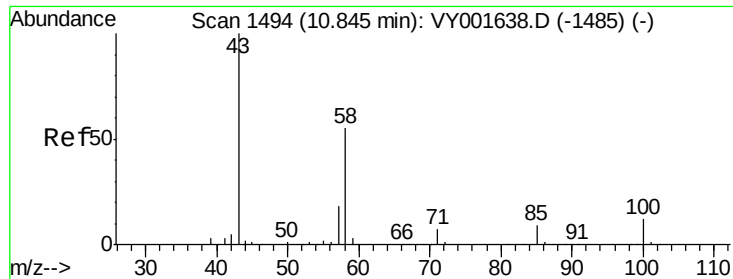
MMDadoda
 3/3/2020 11:11:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.167 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	63	Resp	241556
Ion Ratio	Lower	Upper	
63	100		
106	27.1	21.6	32.4





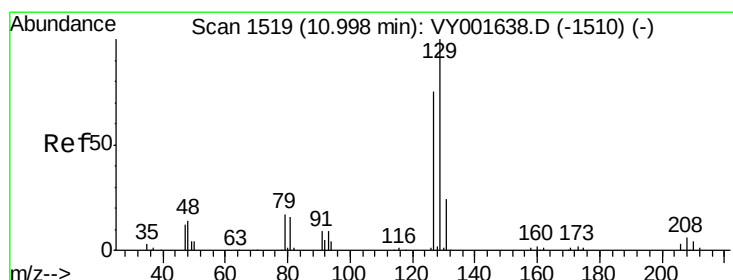
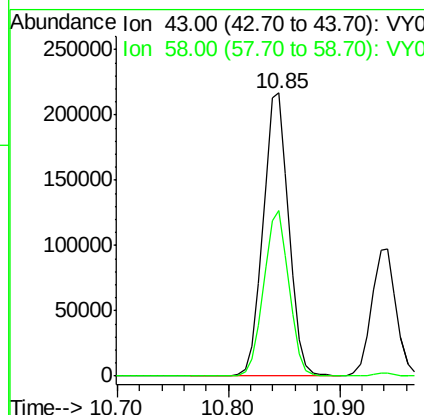
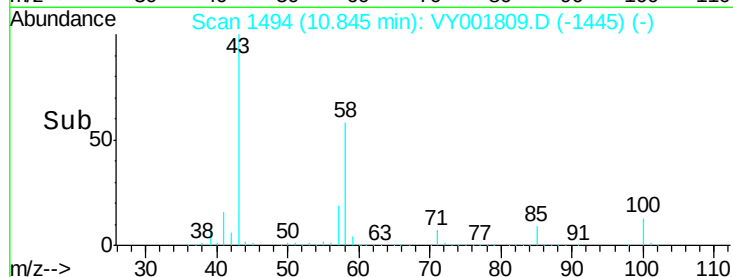
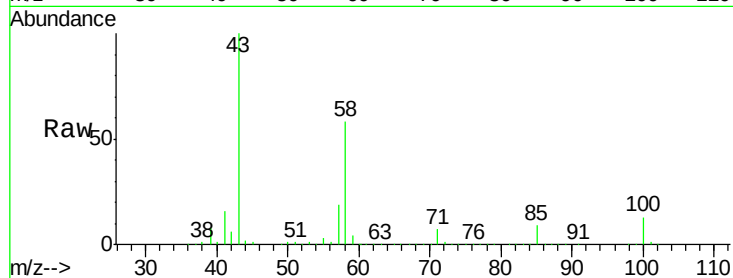
#59
2-Hexanone
Concen: 252.902 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 348074
Ion Ratio Lower Upper
43 100
58 57.5 28.4 85.2

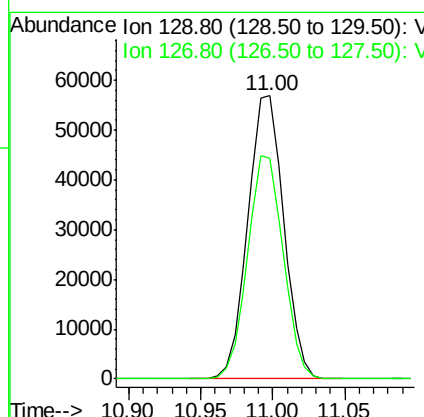
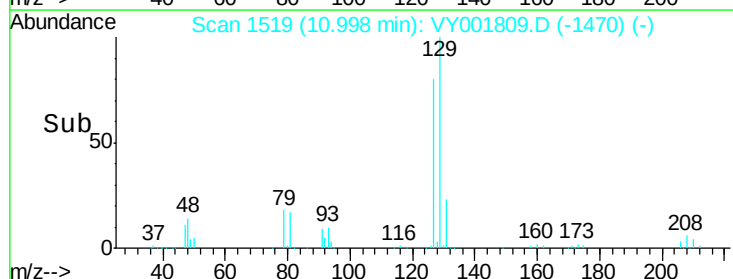
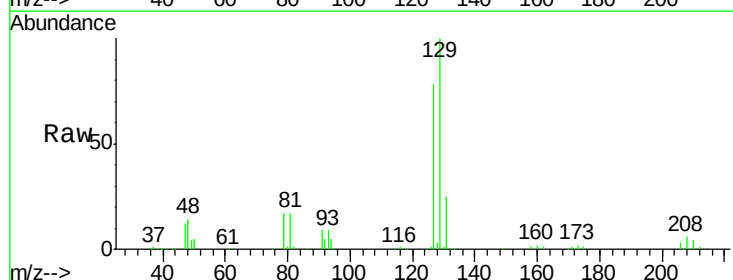
Manual Integrations
APPROVED

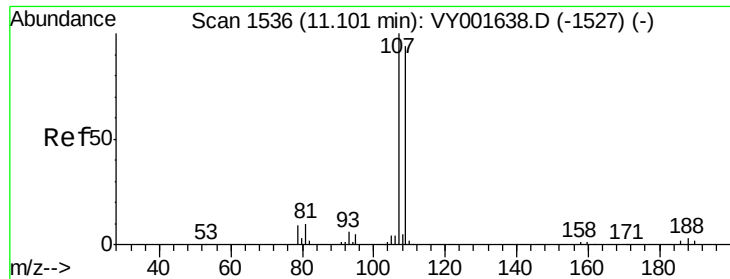
MMDadoda
3/3/2020 11:11:39 AM



#60
Dibromochloromethane
Concen: 49.743 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 129 Resp: 98217
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





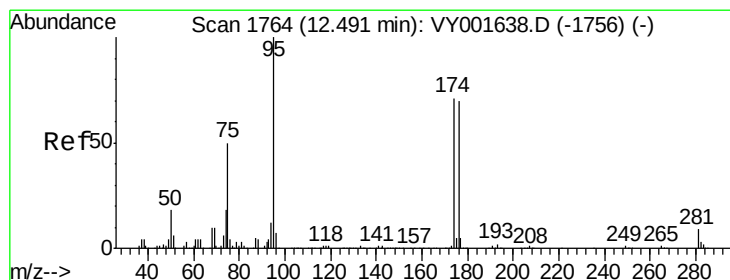
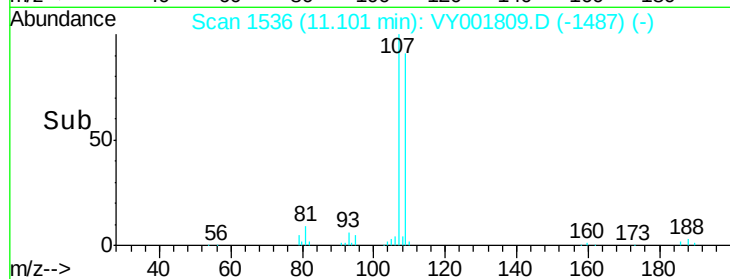
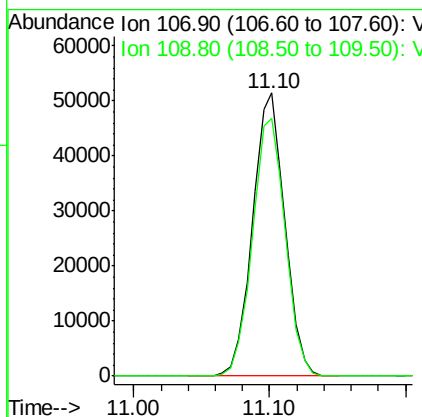
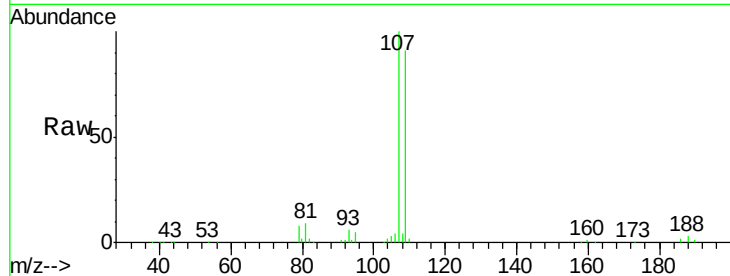
#61
 1,2-Dibromoethane
 Concen: 50.412 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.2	111.4

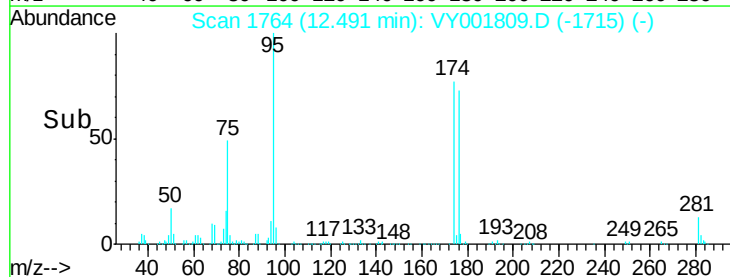
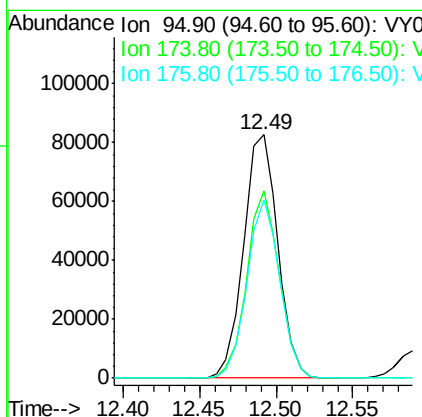
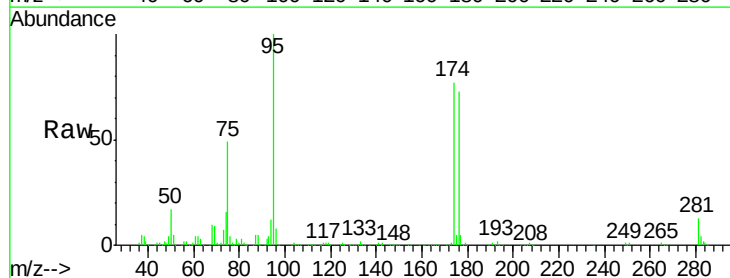
Manual Integrations
 APPROVED

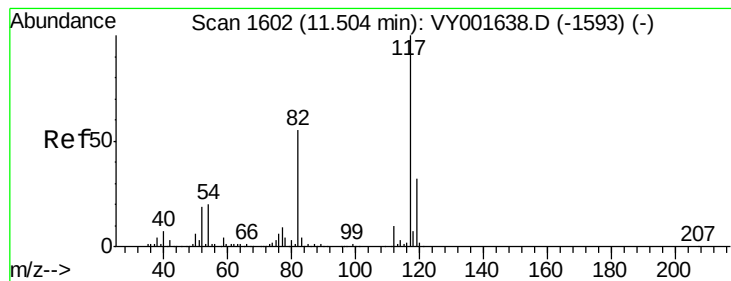
MMDadoda
 3/3/2020 11:11:39 AM



#62
 4-Bromofluorobenzene
 Concen: 44.570 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	138.4
176	70.2	0.0	131.8





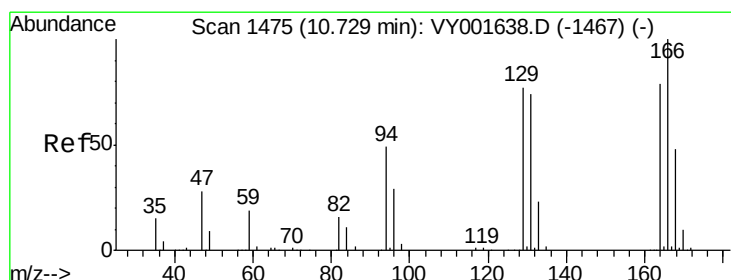
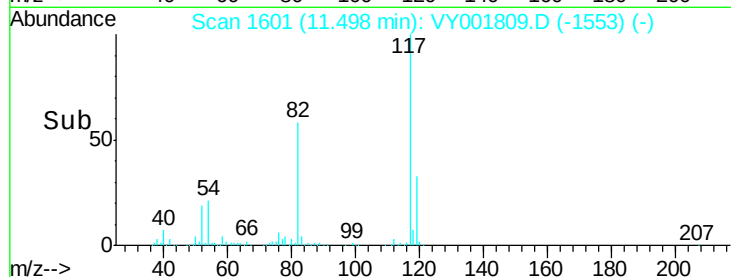
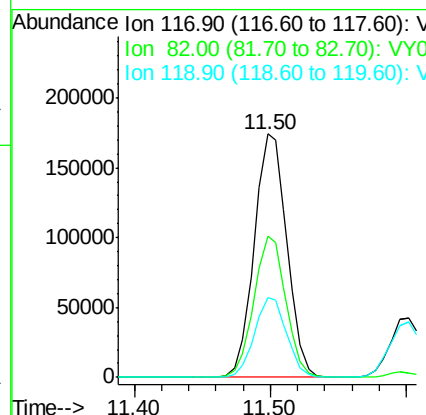
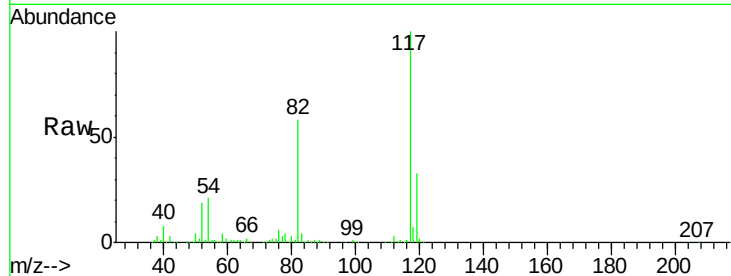
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	292917		
82	58.0	45.5	68.3	
119	32.6	25.8	38.6	

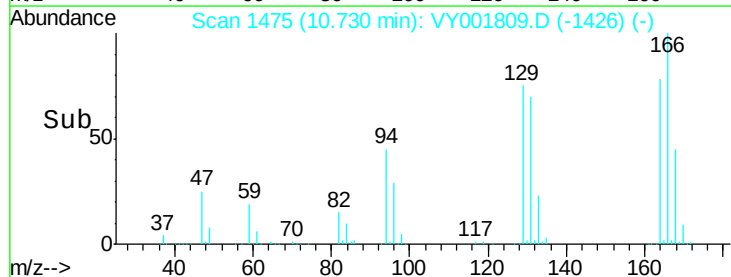
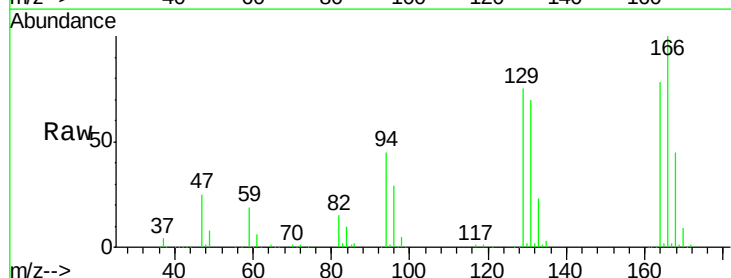
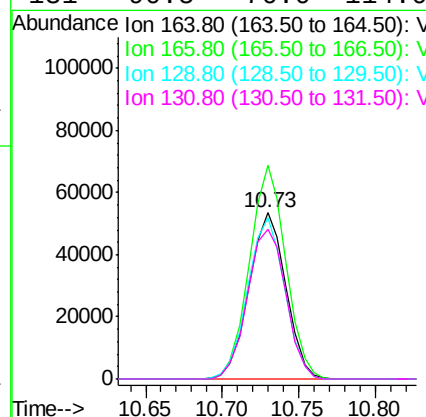
Manual Integrations
APPROVED

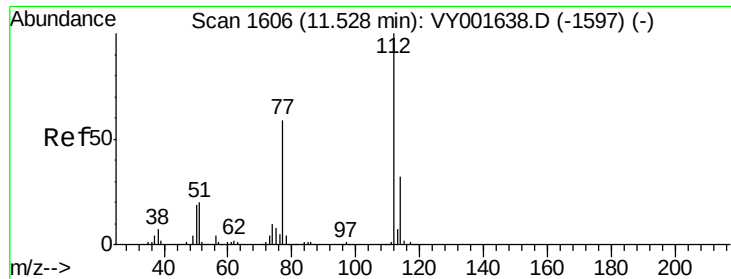
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#64
Tetrachloroethene
Concen: 48.657 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89470		
166	128.6	101.4	152.0	
129	97.0	78.7	118.1	
131	90.5	76.0	114.0	





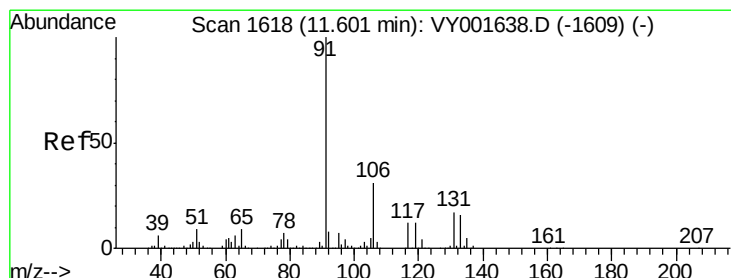
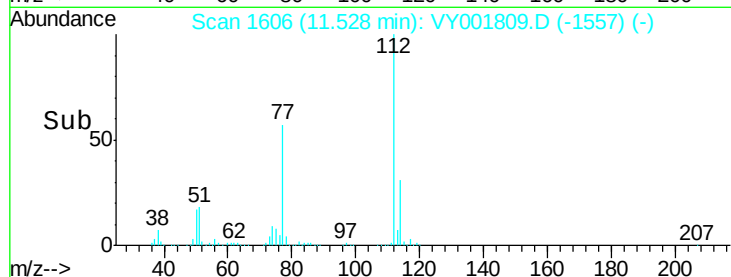
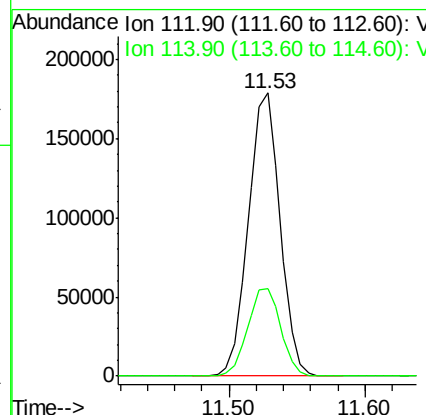
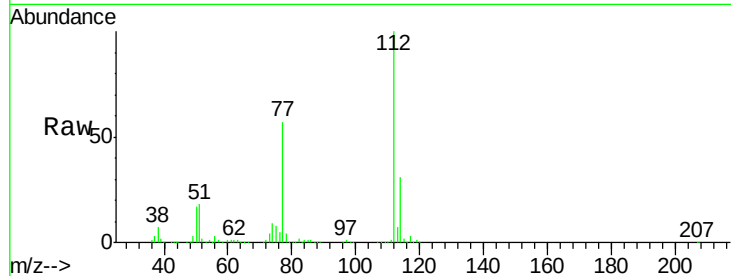
#65
Chlorobenzene
Concen: 49.815 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	291320		
114	31.1	25.4	38.2	

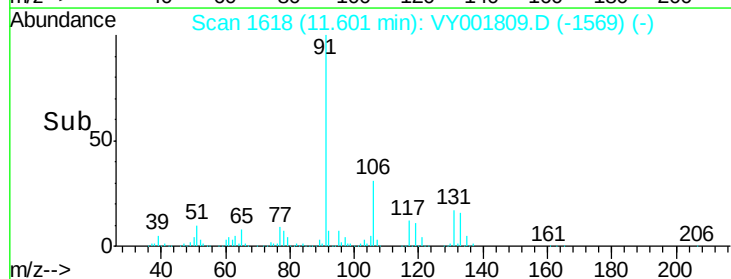
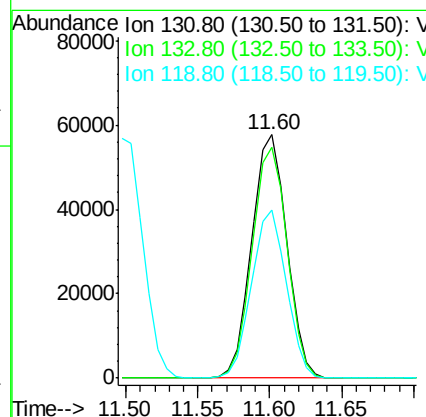
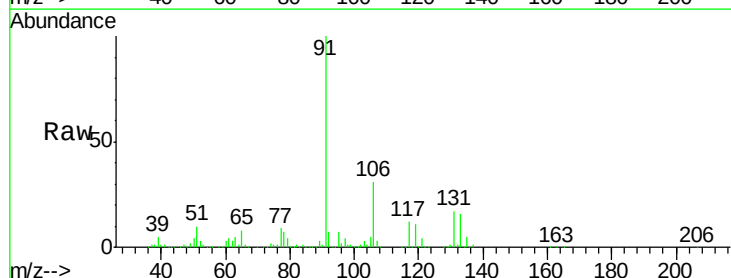
Manual Integrations
APPROVED

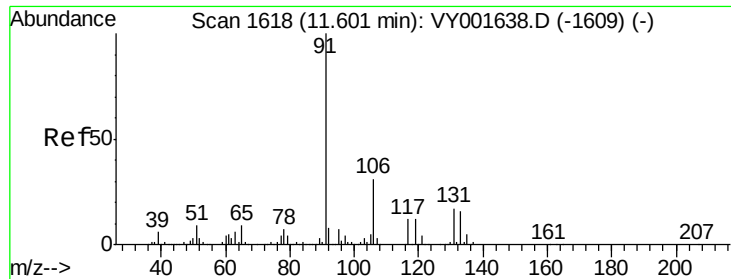
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.172 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	97004		
133	94.6	47.4	142.2	
119	68.7	34.4	103.1	





#67

Ethyl Benzene

Concen: 49.774 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 540179

Ion Ratio Lower Upper

91 100

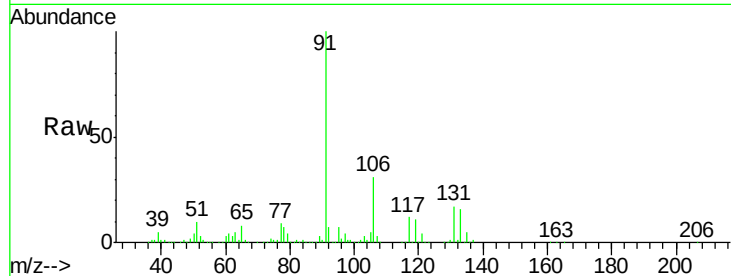
106 31.0 24.5 36.7

Manual Integrations

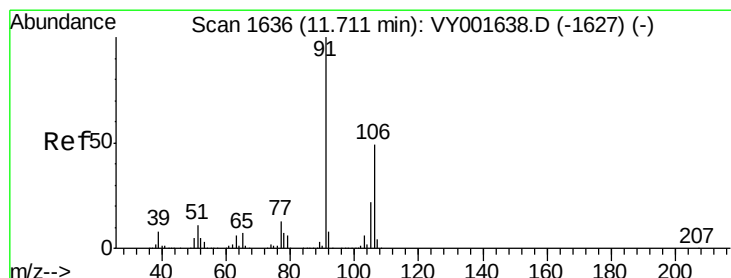
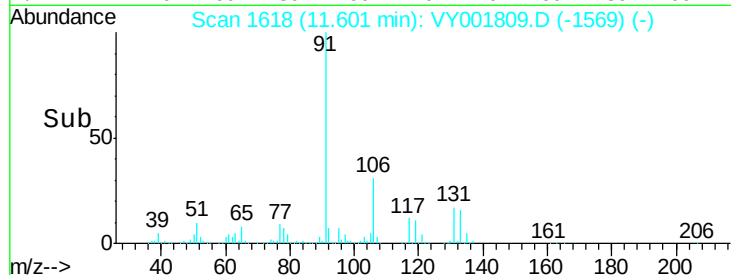
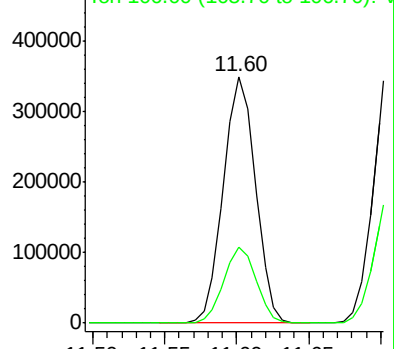
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Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)



#68

m/p-Xylenes

Concen: 99.368 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001809.D

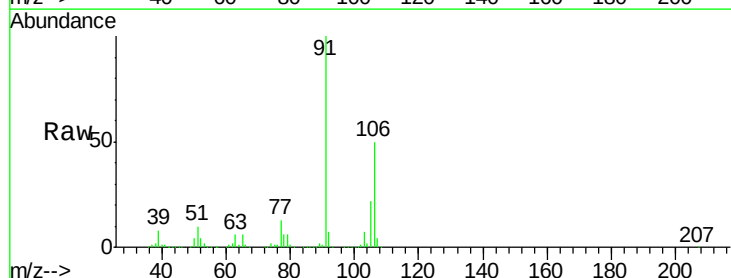
Acq: 02 Mar 2020 10:31

Tgt Ion: 106 Resp: 402830

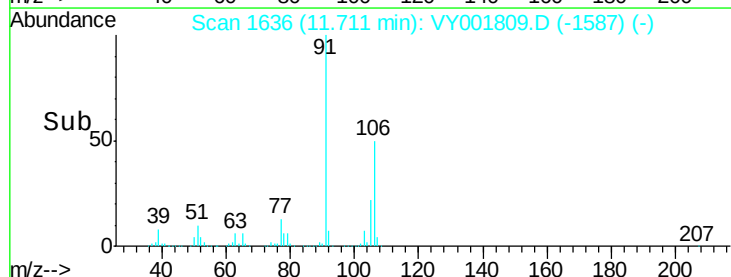
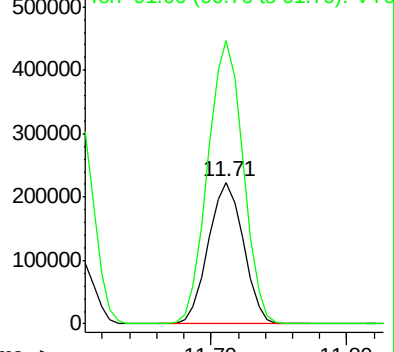
Ion Ratio Lower Upper

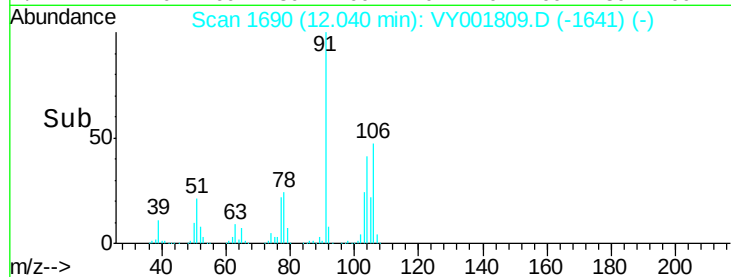
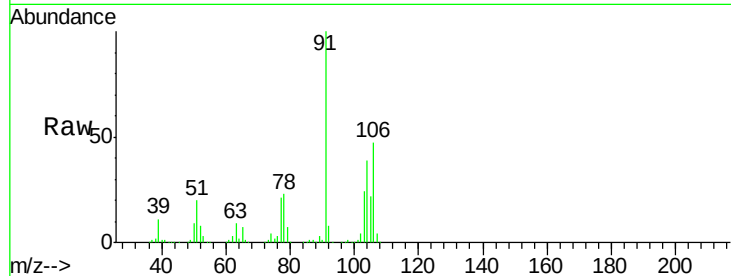
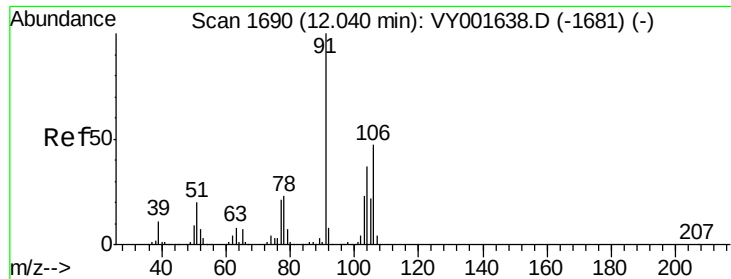
106 100

91 201.5 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)





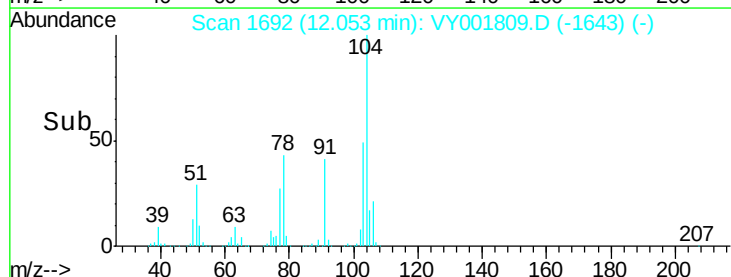
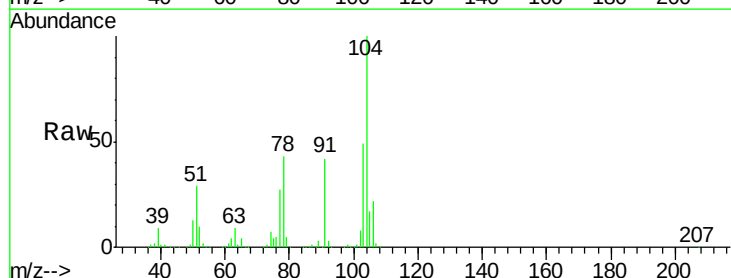
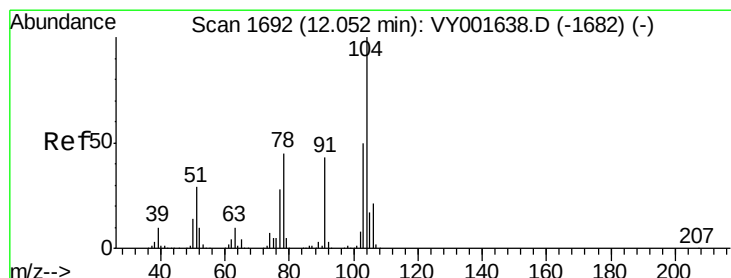
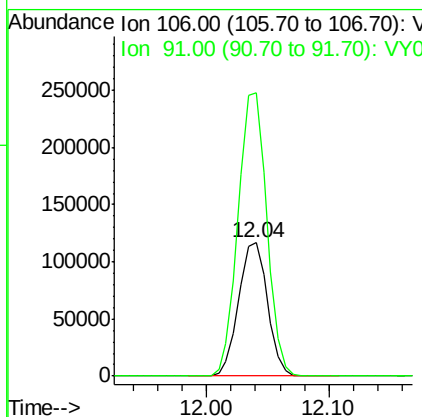
#69
o-Xylene
Concen: 49.551 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		190971		
91	211.3	108.3	324.9		

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

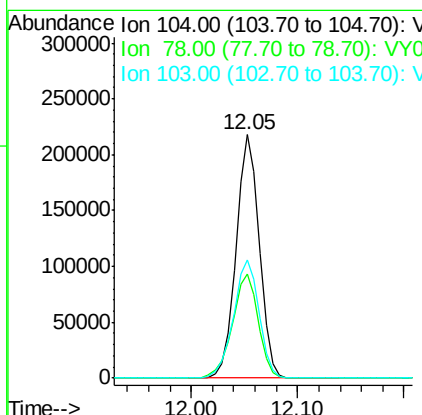
Manual Integrations
APPROVED

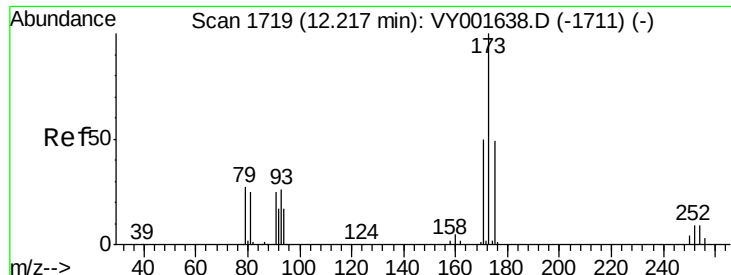
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#70
Styrene
Concen: 49.680 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		332758		
78	47.4	39.2	58.8		
103	53.5	43.0	64.6		





#71

Bromoform

Concen: 49.894 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 56250

Ion Ratio Lower Upper

173 100

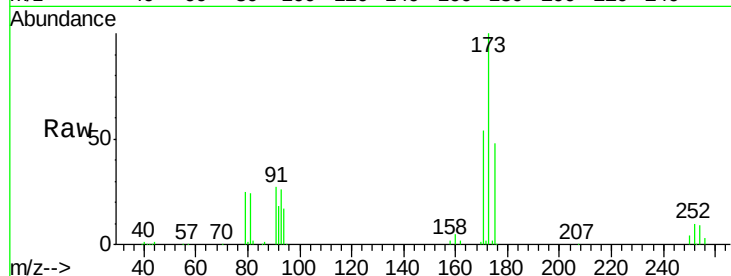
175 48.6 24.3 73.0

254 0.1 0.1 0.1

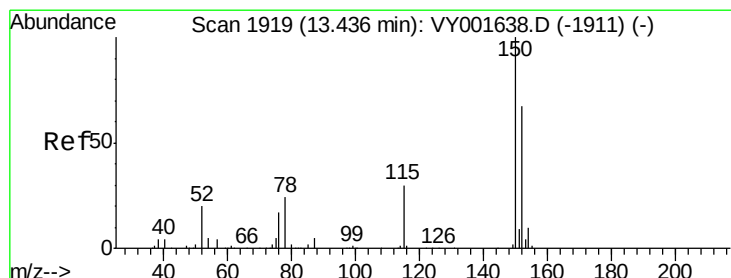
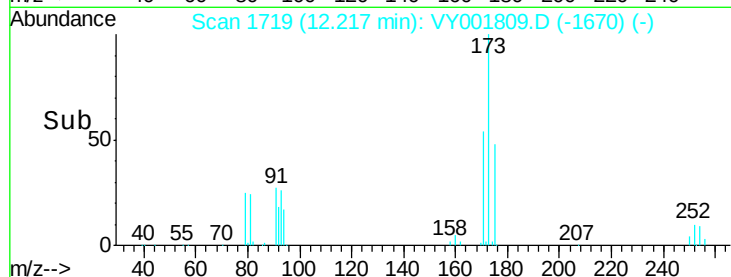
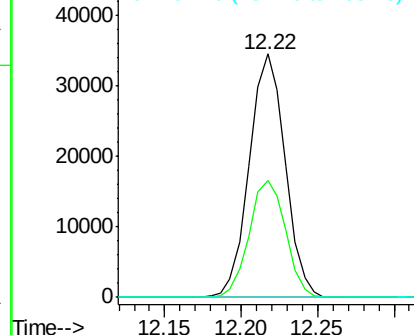
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

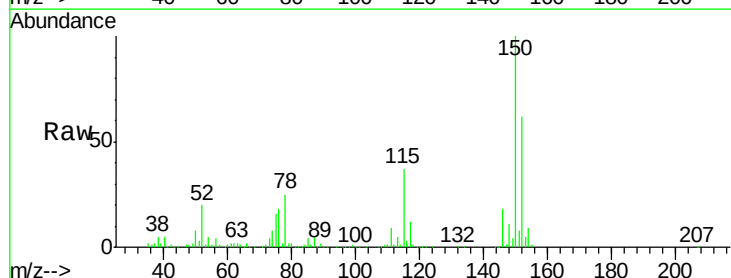
Tgt Ion:152 Resp: 137868

Ion Ratio Lower Upper

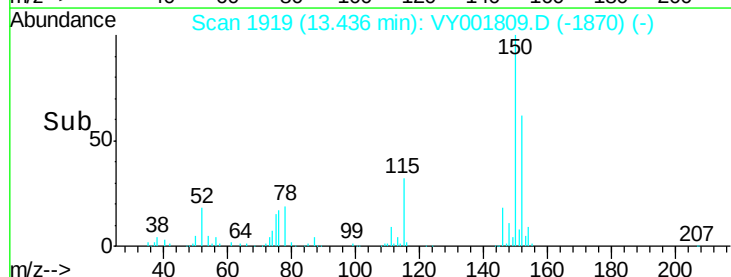
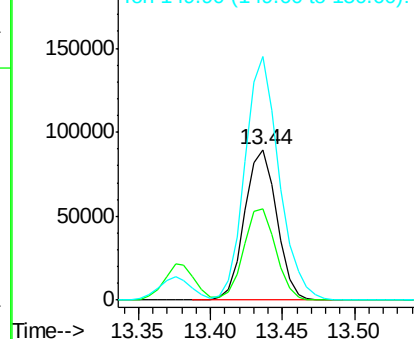
152 100

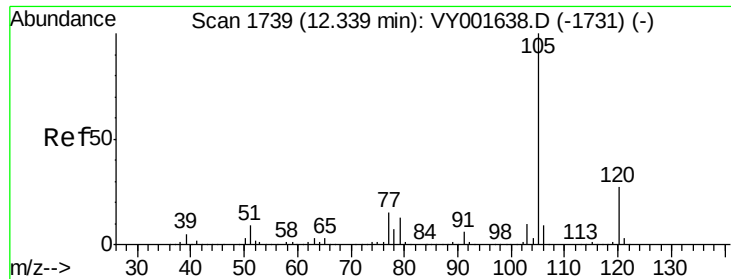
115 60.7 31.4 94.2

150 172.5 0.0 407.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.912 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 513730

Ion Ratio Lower Upper

105 100

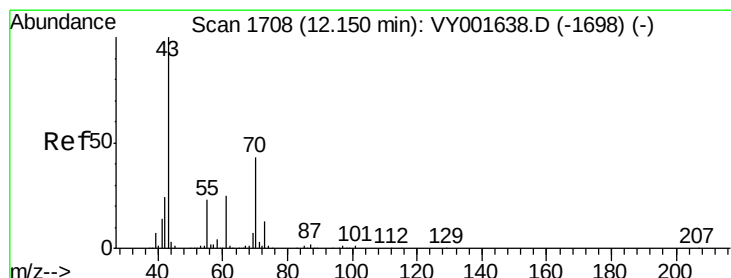
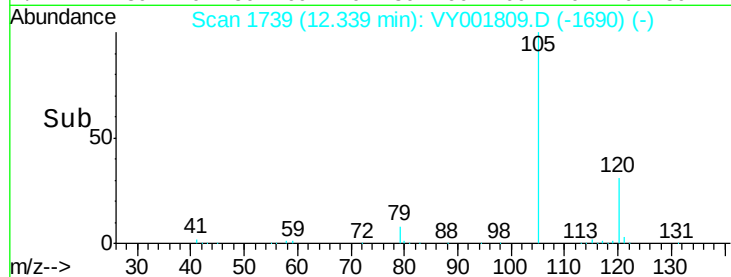
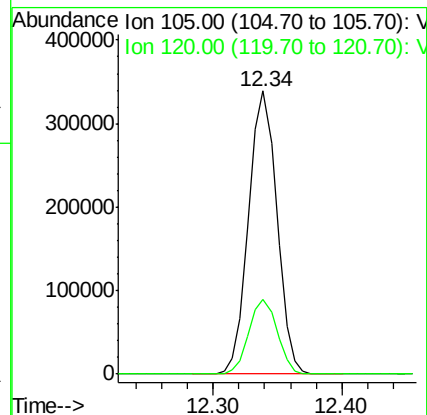
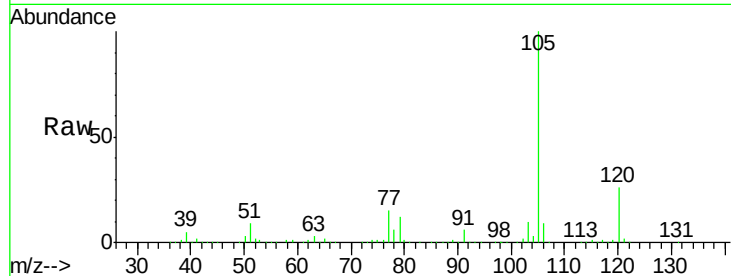
120 26.4 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.976 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion: 43 Resp: 157461

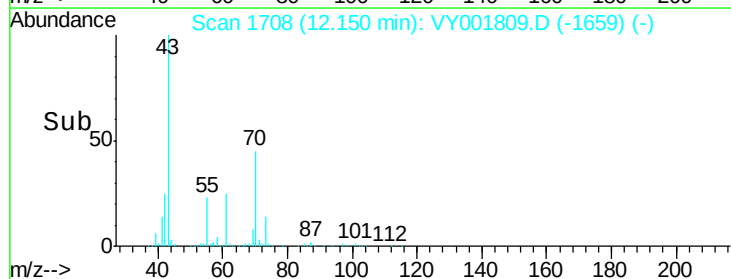
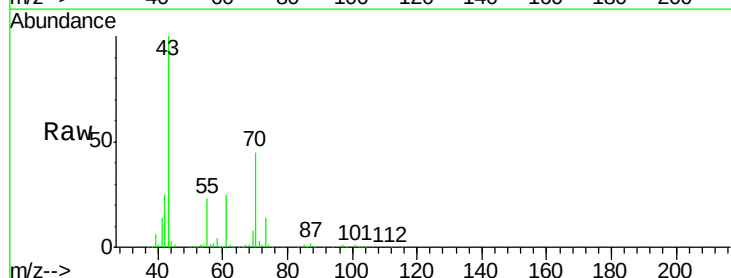
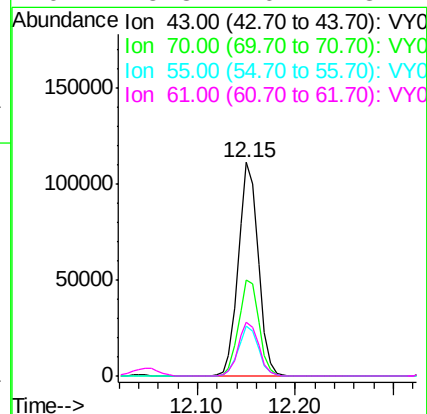
Ion Ratio Lower Upper

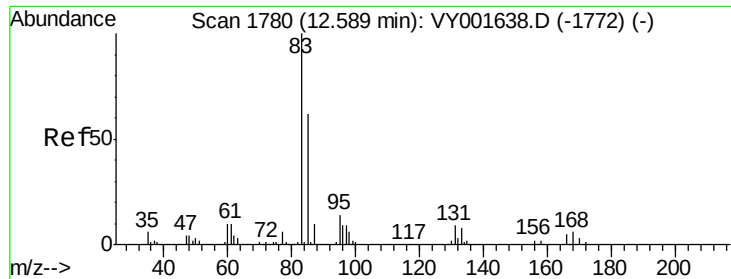
43 100

70 45.7 35.9 53.9

55 23.6 18.3 27.5

61 25.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.239 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

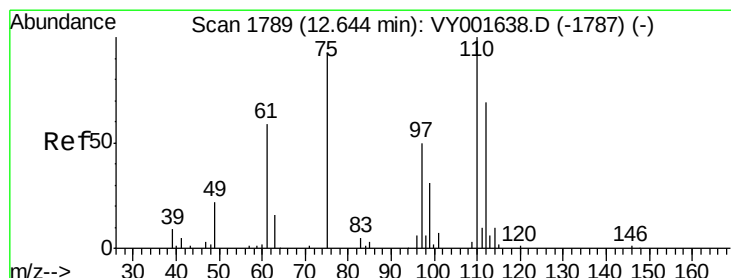
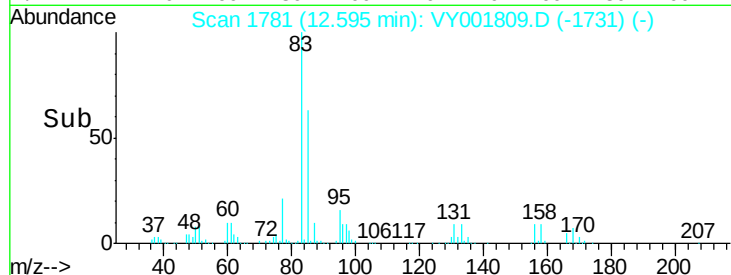
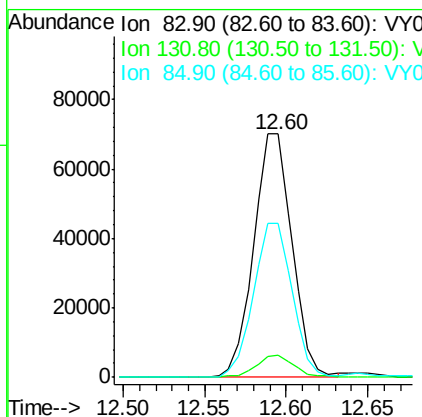
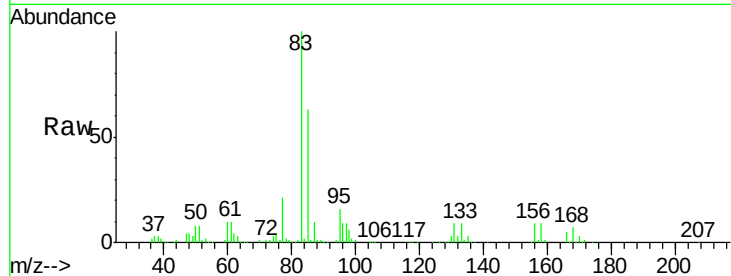
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	114909
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.7	14.1
85	63.9	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.675 ug/l m

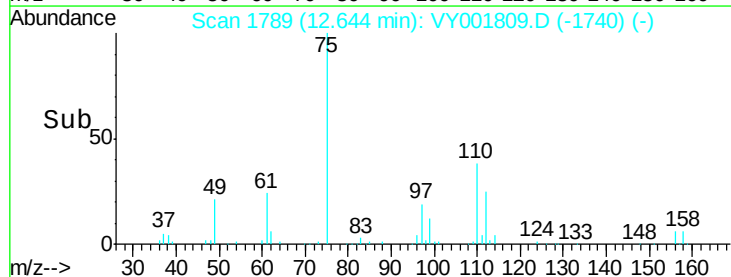
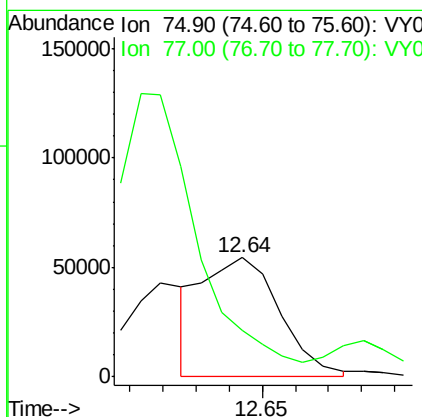
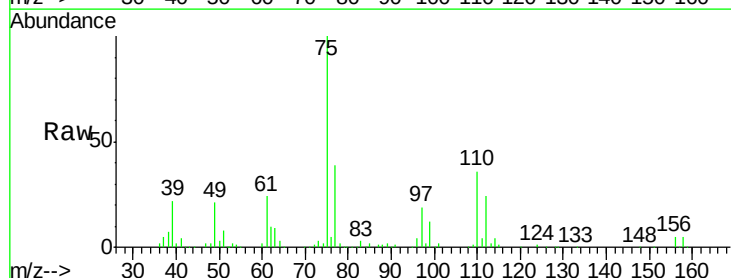
RT: 12.64 min Scan# 1789

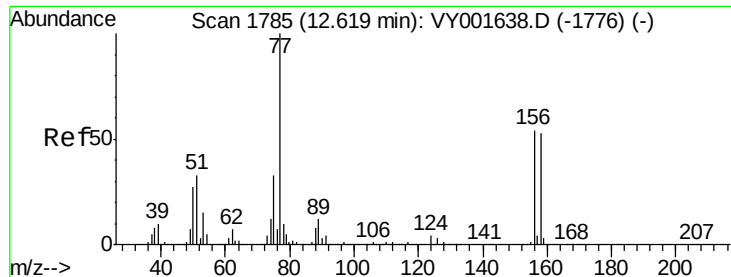
Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion:	75	Resp:	88051
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.933 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

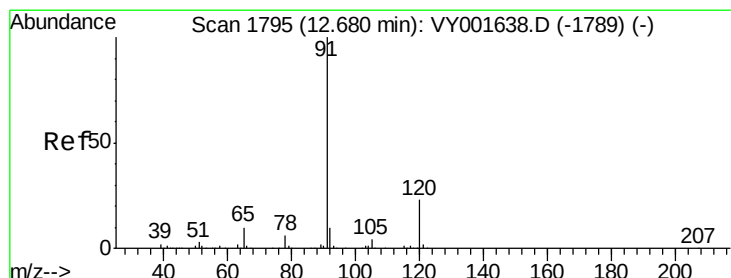
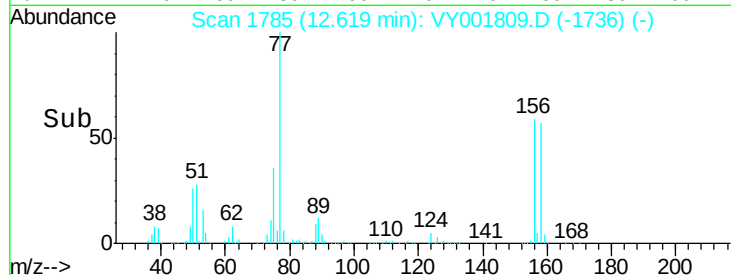
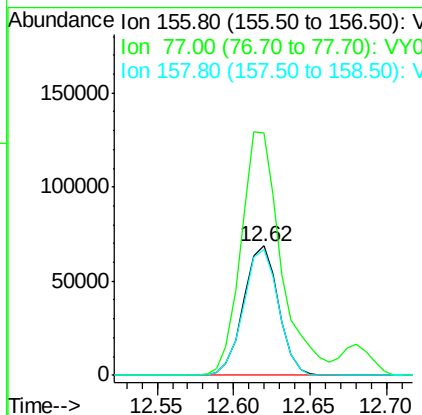
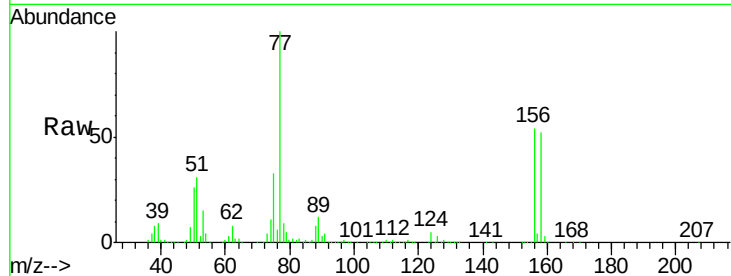
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	109137
Ion Ratio	Lower	Upper	
156	100		
77	215.5	110.1	330.1
158	97.5	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 49.363 ug/l

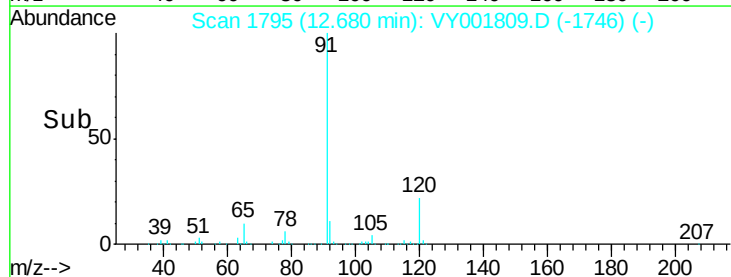
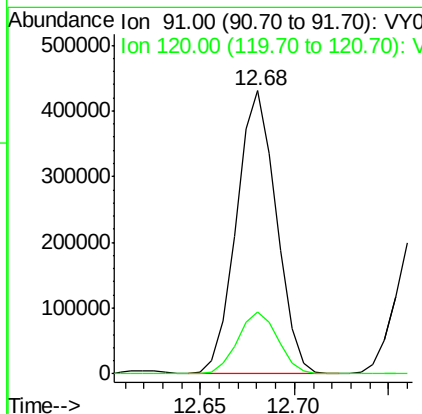
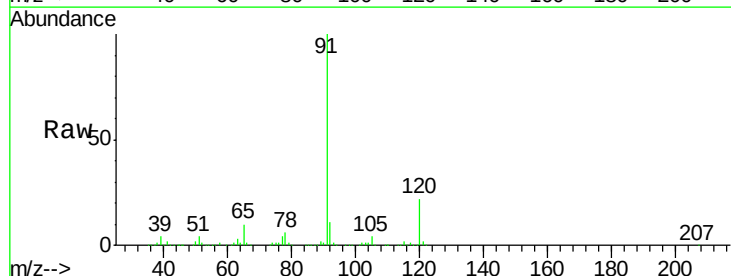
RT: 12.68 min Scan# 1795

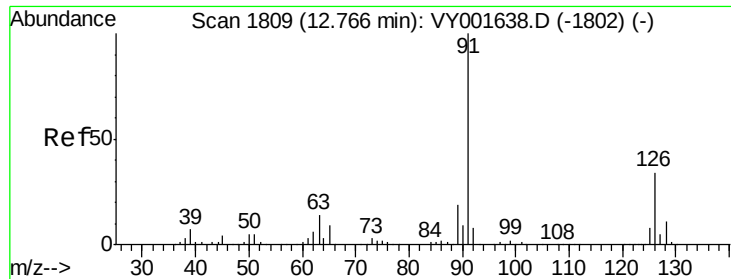
Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion:	91	Resp:	631441
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.1





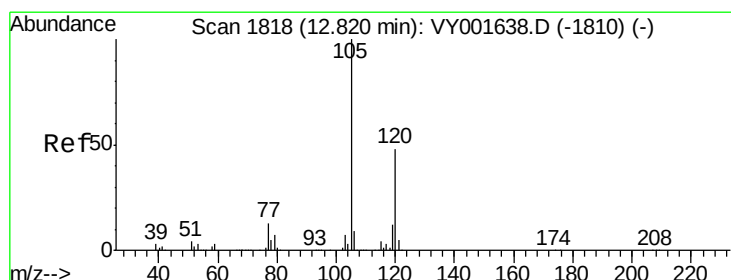
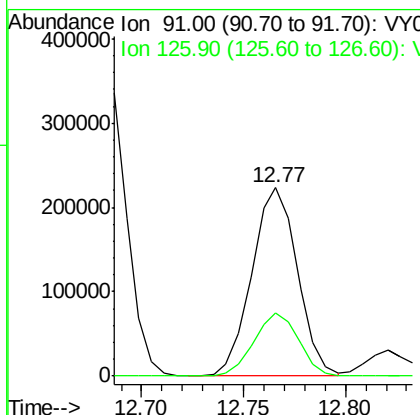
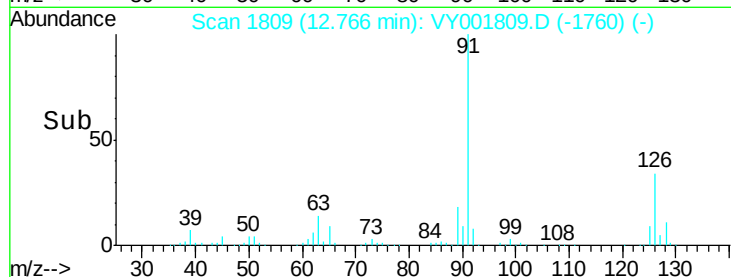
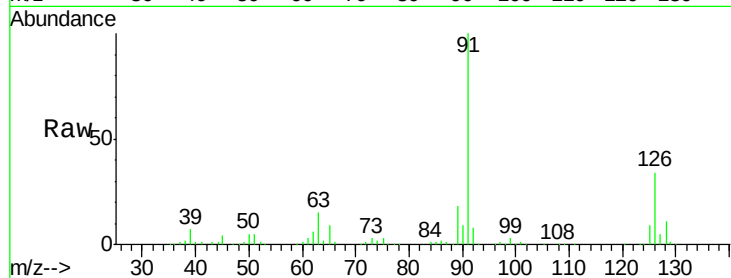
#79
2-Chlorotoluene
Concen: 48.567 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 348442
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

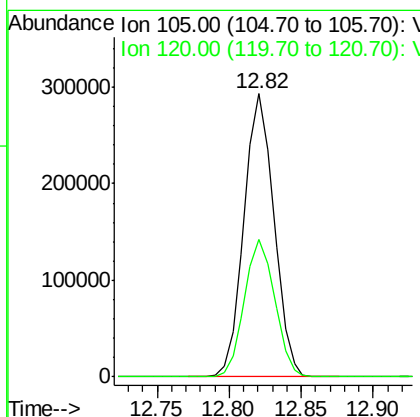
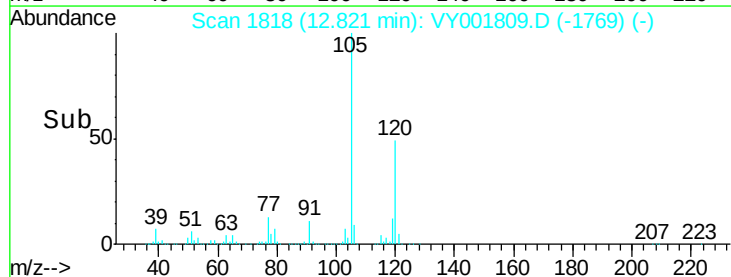
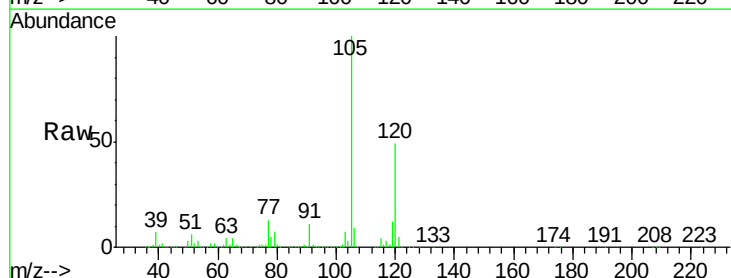
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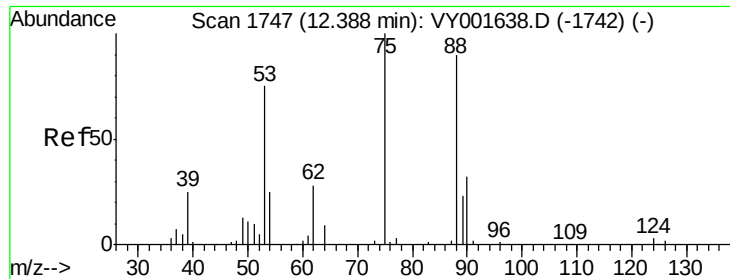
MMDadoda
3/3/2020 11:11:39 AM



#80
1,3,5-Trimethylbenzene
Concen: 48.625 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 105 Resp: 422754
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9





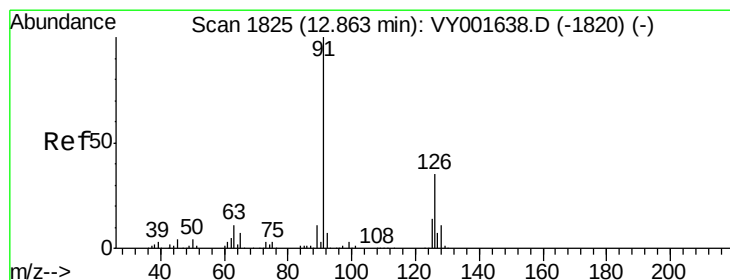
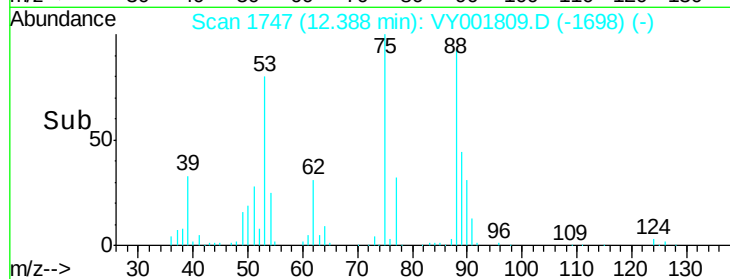
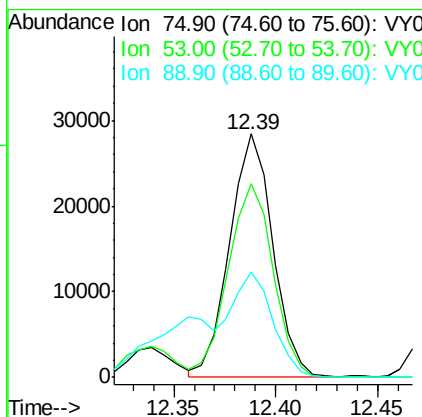
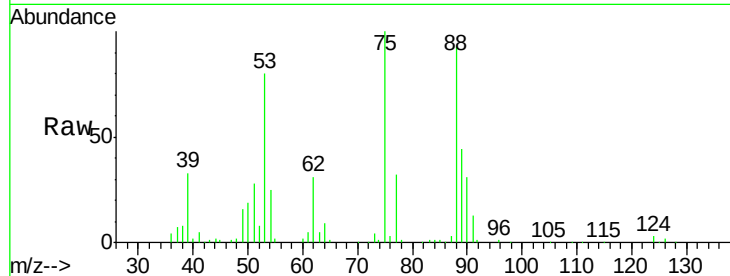
#81
trans-1,4-Dichloro-2-butene
Concen: 49.549 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.1	64.5	96.7
89	42.8	36.3	54.5

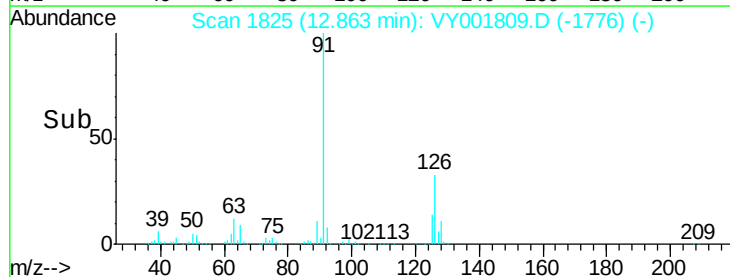
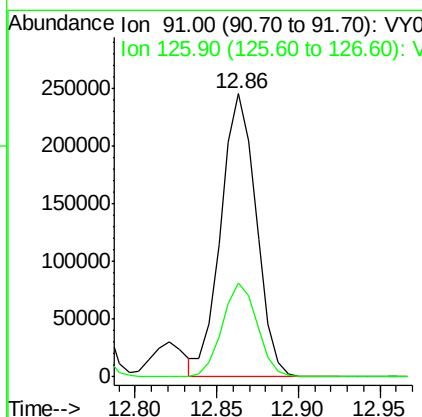
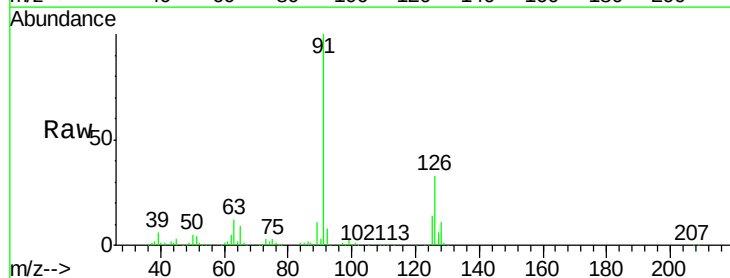
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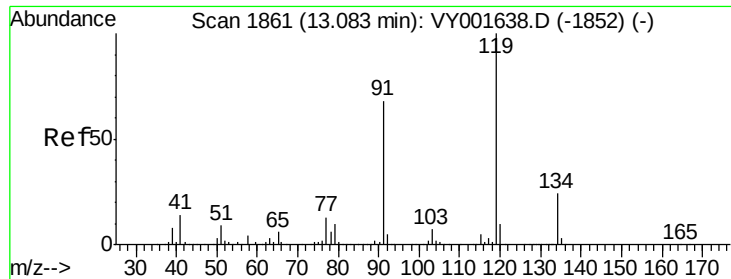
MMDadoda
3/3/2020 11:11:39 AM



#82
4-Chlorotoluene
Concen: 48.783 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.2	48.6





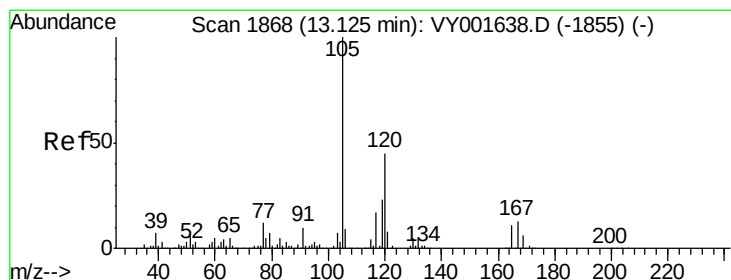
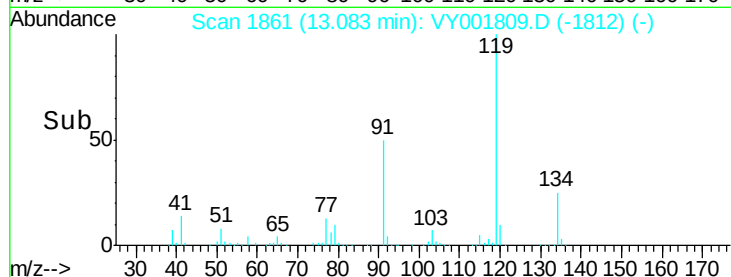
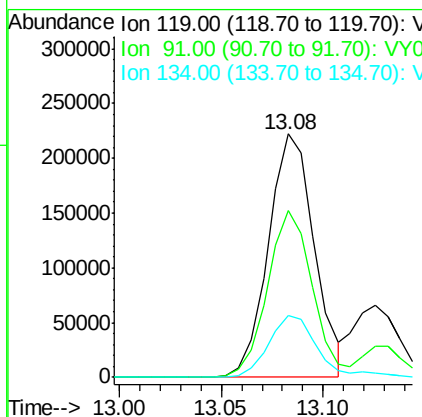
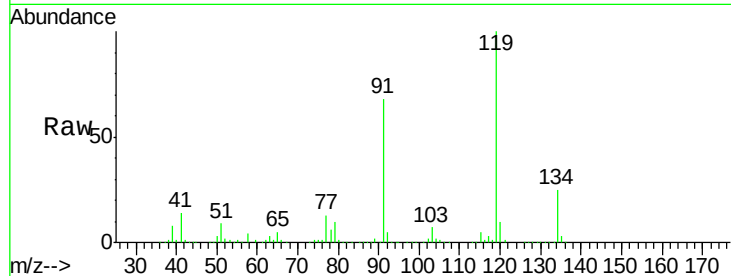
#83
 tert-Butylbenzene
 Concen: 48.015 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	349146		
91	67.1	33.5	100.5	
134	27.1	13.3	39.8	

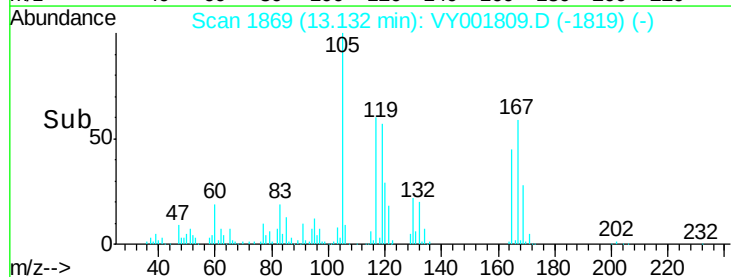
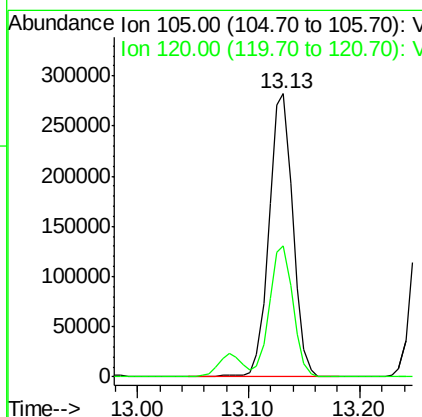
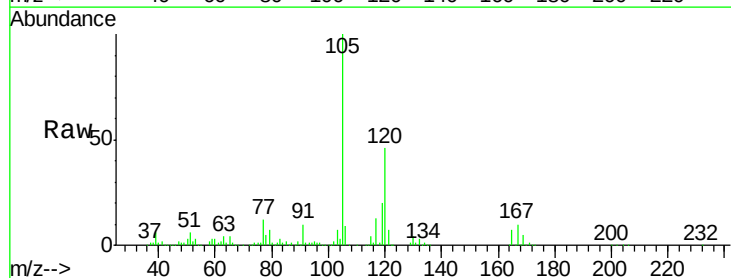
Manual Integrations
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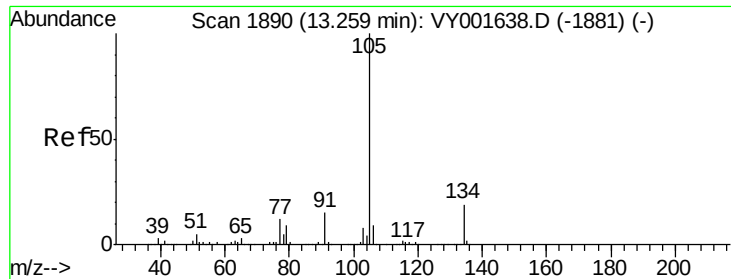
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.497 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	420358		
120	45.8	22.4	67.3	





#85

sec-Butylbenzene

Concen: 49.252 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 526728

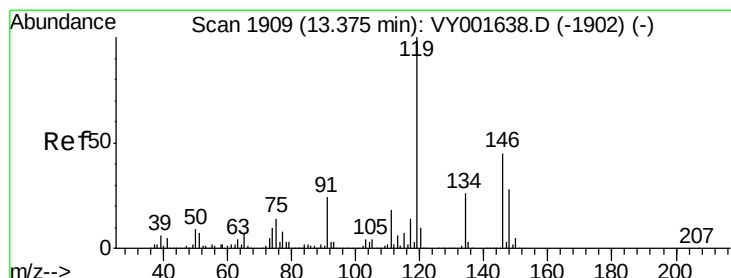
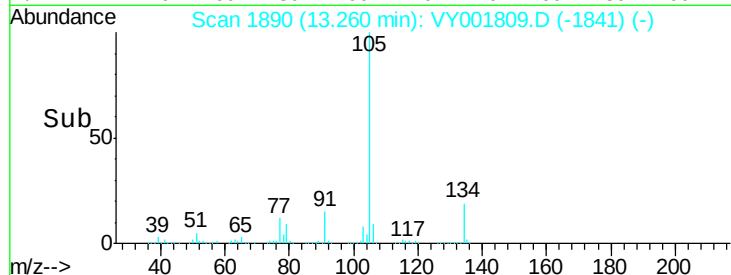
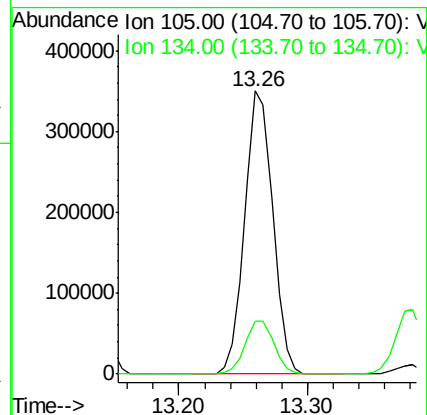
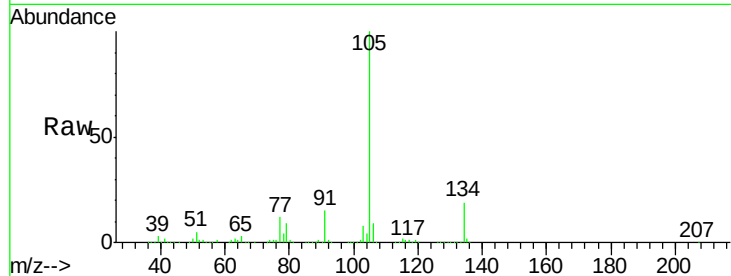
Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3

Manual Integrations
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3/3/2020 11:11:39 AM



#86

p-Isopropyltoluene

Concen: 48.722 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

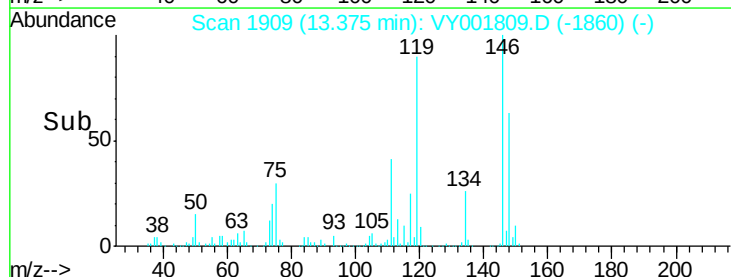
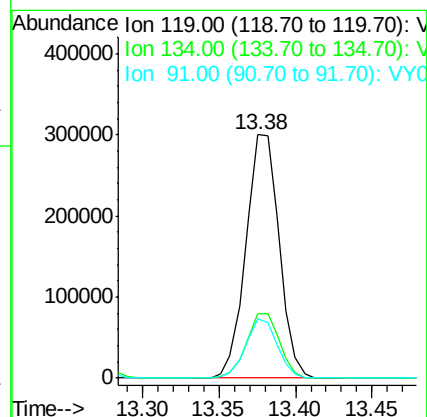
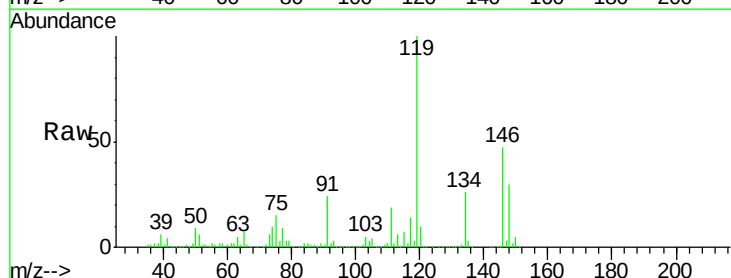
Tgt Ion:119 Resp: 452661

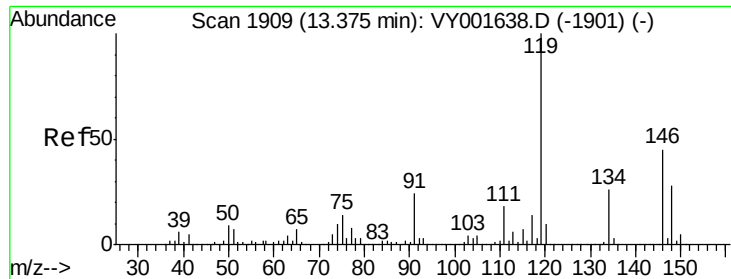
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.0 12.2 36.6





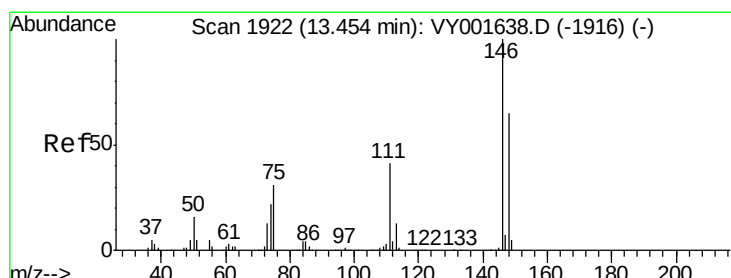
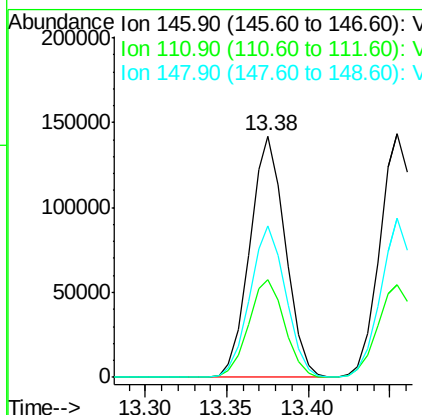
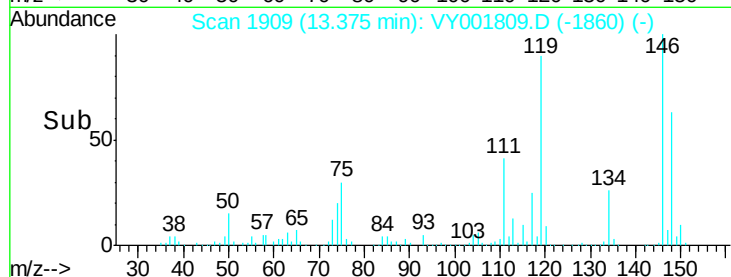
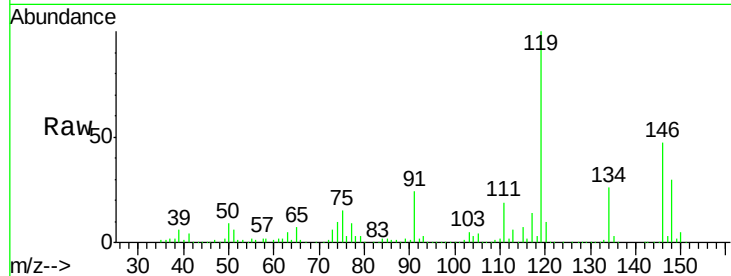
#87
 1,3-Dichlorobenzene
 Concen: 48.656 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.4	64.3
148	63.3	31.6	94.7

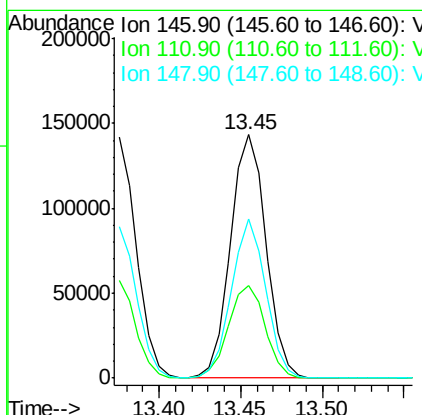
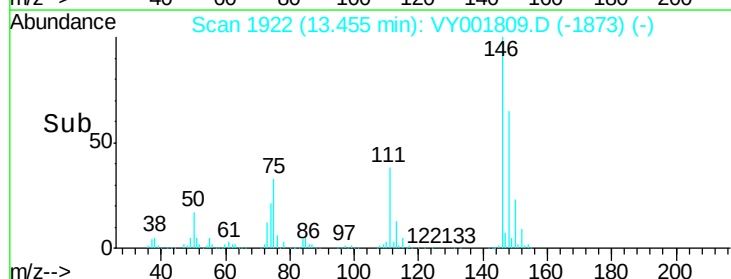
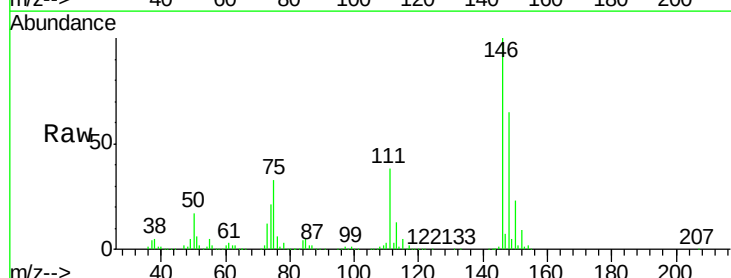
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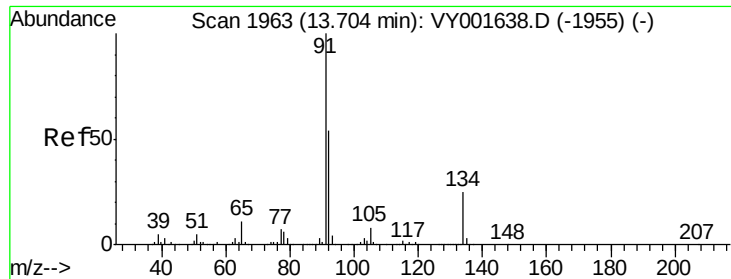
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#88
 1,4-Dichlorobenzene
 Concen: 48.681 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.3
148	63.5	31.6	94.7





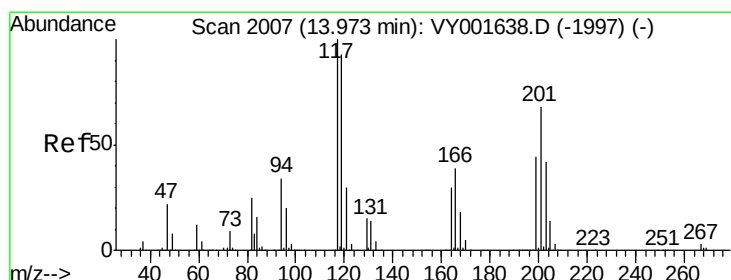
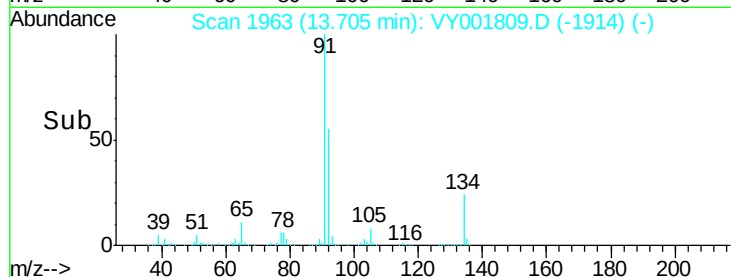
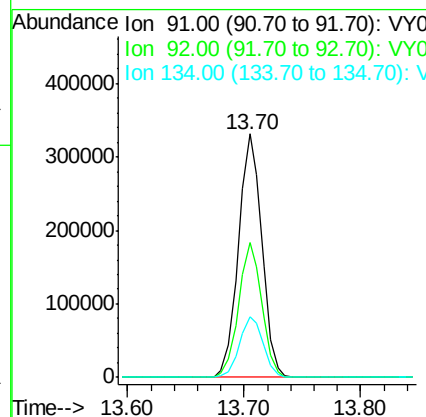
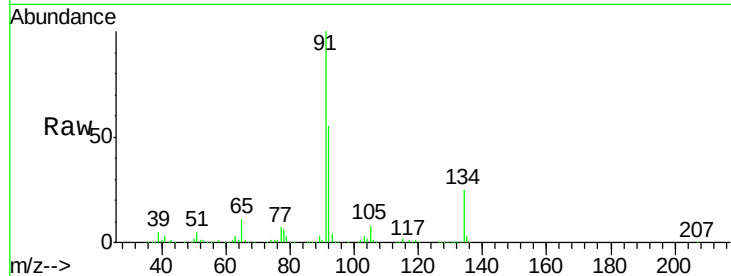
#89
n-Butylbenzene
Concen: 48.947 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		464670		
92	54.7	27.5		82.4	
134	25.0	12.4		37.4	

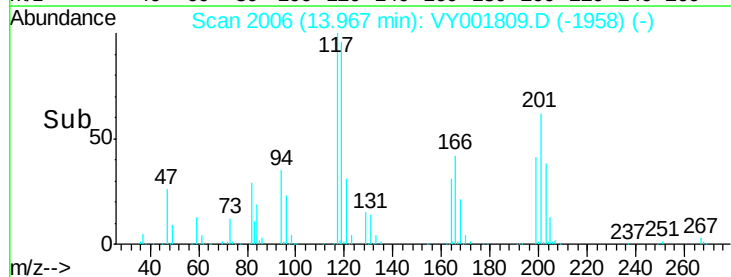
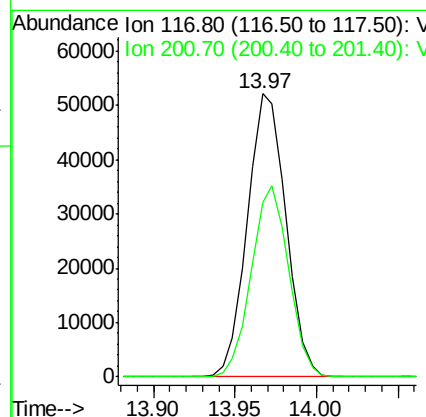
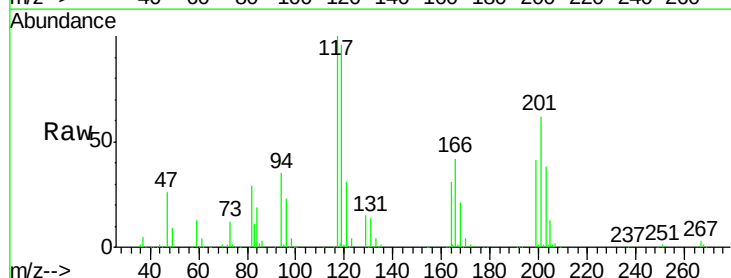
Manual Integrations
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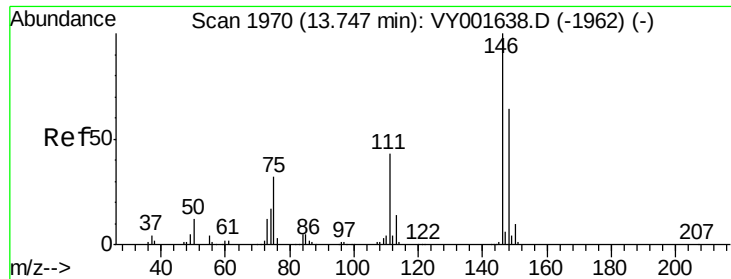
MMDadoda
3/3/2020 11:11:39 AM



#90
Hexachloroethane
Concen: 49.063 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		85882		
201	65.4	32.5		97.4	





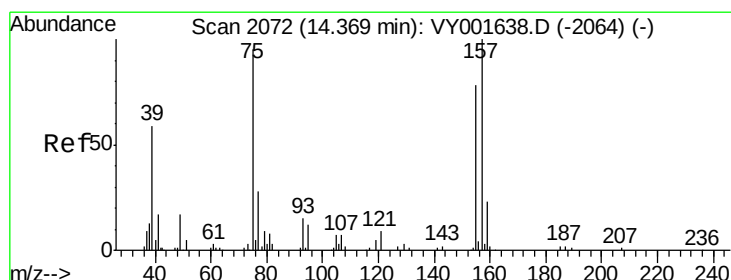
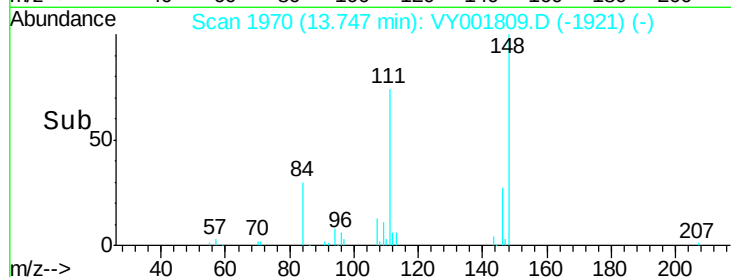
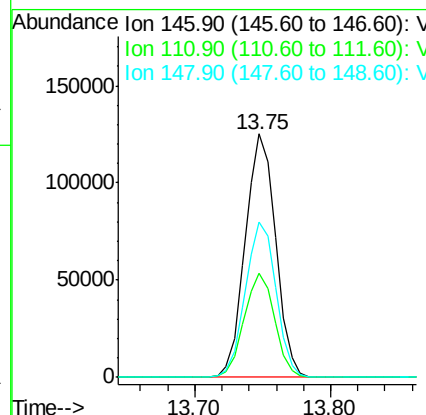
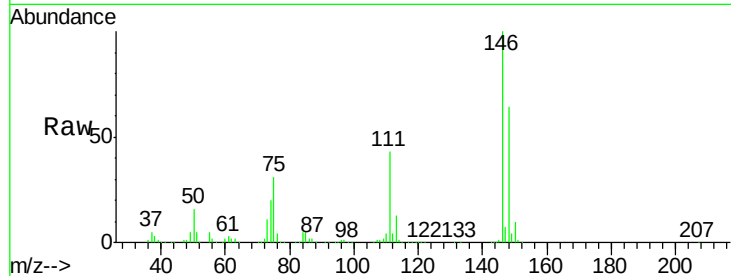
#91
 1,2-Dichlorobenzene
 Concen: 48.162 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.7
148	64.1	31.5	94.5

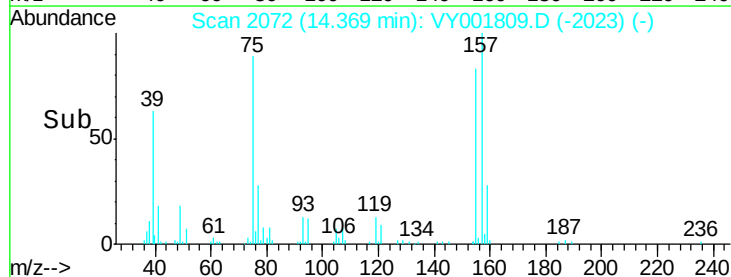
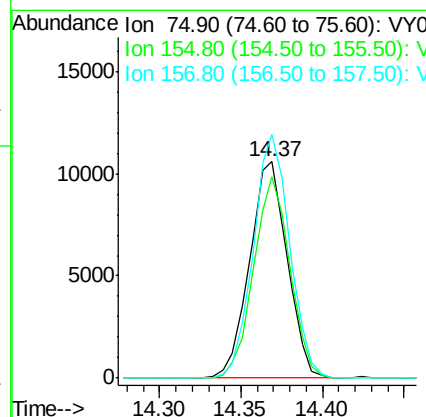
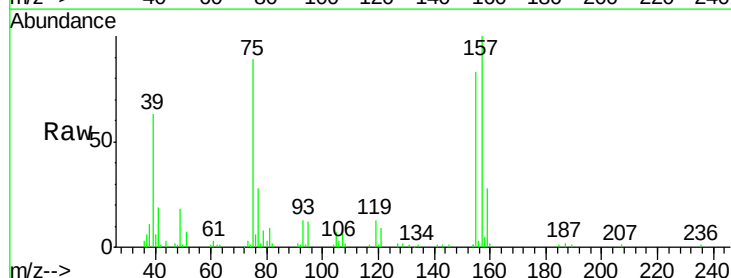
Manual Integrations
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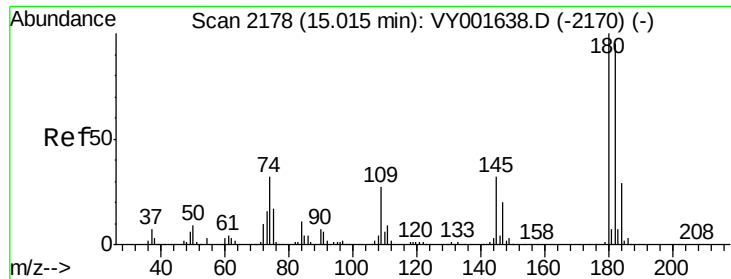
MMDadoda
 3/3/2020 11:11:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.051 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	40.8	122.4
157	108.6	52.1	156.4





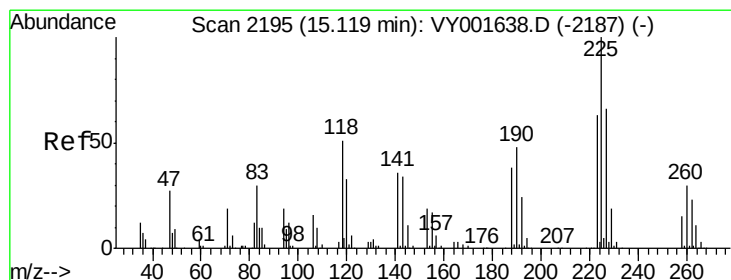
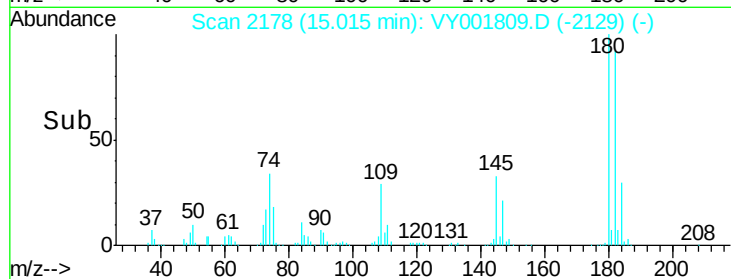
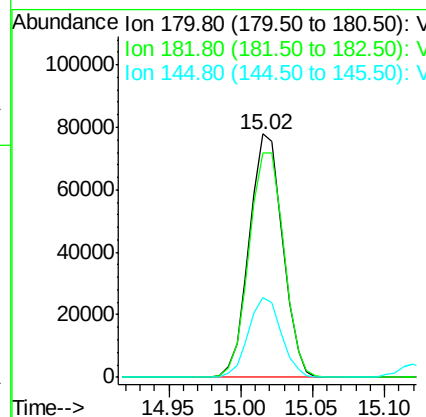
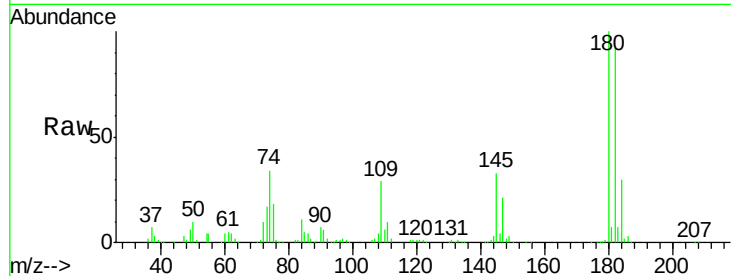
#93
 1,2,4-Trichlorobenzene
 Concen: 46.253 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124905		
182	95.9	46.8	140.3	
145	32.4	16.2	48.5	

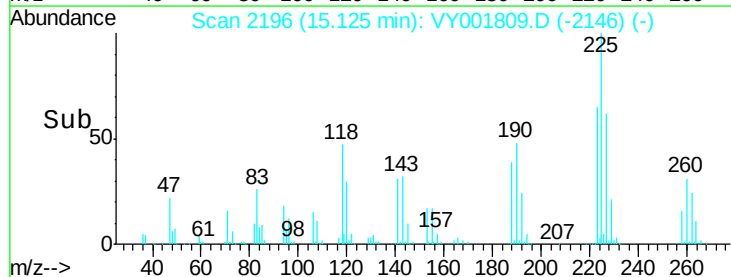
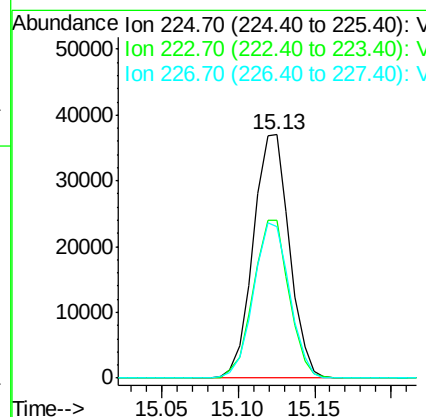
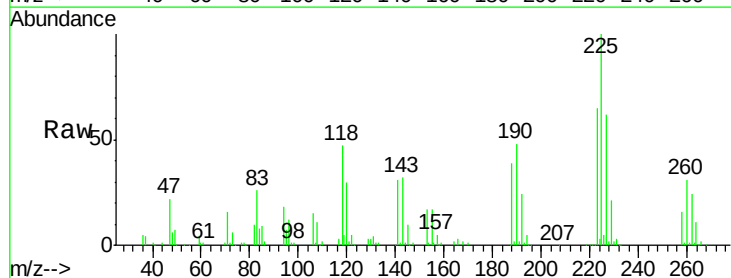
Manual Integrations
 APPROVED

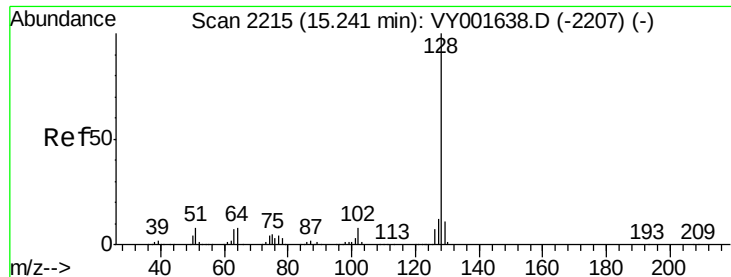
MMDadoda
 3/3/2020 11:11:39 AM



#94
 Hexachlorobutadiene
 Concen: 45.309 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60850		
223	64.0	31.4	94.0	
227	63.7	31.6	94.8	





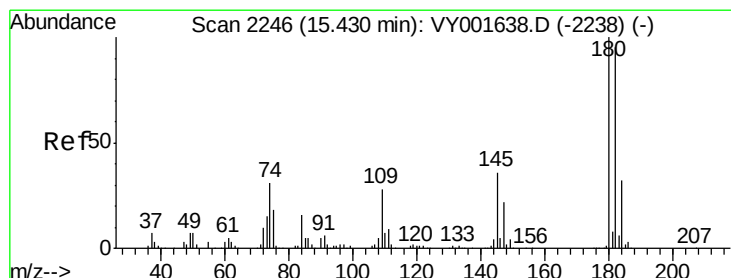
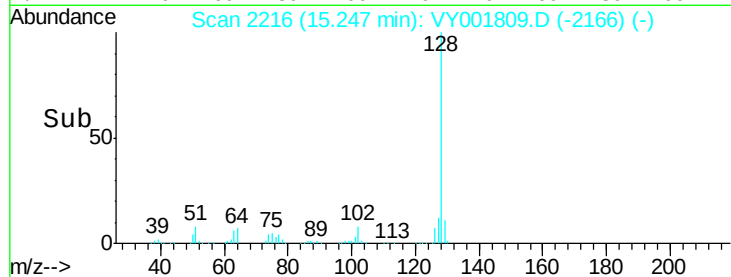
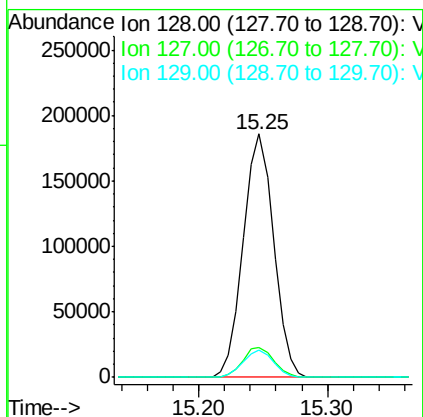
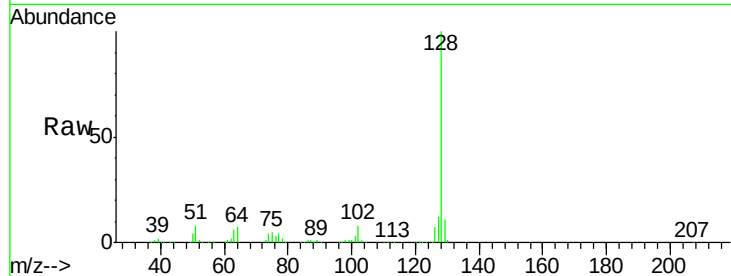
#95
Naphthalene
Concen: 48.725 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	303389
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.9	14.9
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 11:11:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.208 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion:	180	Resp:	112157
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.2	141.6
145	33.5	17.3	52.0

