

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002012.D
 Acq On : 19 Mar 2020 11:20
 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
 3/20/2020 12:06:12 PM

Quant Time: Mar 20 02:11:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	261384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	88527	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	7.75	113	84267	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.19	98	345930	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.49	95	121681	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	61260	40.850	ug/l	98
3) Chloromethane	2.13	50	85321	42.199	ug/l	100
4) Vinyl Chloride	2.27	62	90920	44.209	ug/l	98
5) Bromomethane	2.67	94	60425	50.345	ug/l	99
6) Chloroethane	2.82	64	58635	45.387	ug/l	94
7) Trichlorofluoromethane	3.15	101	125068	44.841	ug/l	93
8) Diethyl Ether	3.56	74	52320	47.595	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.93	101	85154	47.468	ug/l	99
10) Methyl Iodide	4.13	142	103114	49.704	ug/l	99
11) Tert butyl alcohol	4.99	59	53269	299.619	ug/l	96
12) 1,1-Dichloroethene	3.91	96	83954	46.479	ug/l	97
13) Acrolein	3.76	56	63059	258.732	ug/l	97
14) Allyl chloride	4.52	41	149831	46.790	ug/l	99
15) Acrylonitrile	5.21	53	138534	235.837	ug/l	99
16) Acetone	3.98	43	146875	290.750	ug/l	97
17) Carbon Disulfide	4.23	76	258566	42.583	ug/l	98
18) Methyl Acetate	4.52	43	60320	46.473	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	235311	48.073	ug/l	97
20) Methylene Chloride	4.75	84	106300	49.099	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	93909	45.805	ug/l	99
22) Diisopropyl ether	6.16	45	311677	47.483	ug/l	96
23) Vinyl Acetate	6.10	43	1017895	236.549	ug/l	98
24) 1,1-Dichloroethane	6.06	63	168782	47.483	ug/l	99
25) 2-Butanone	7.02	43	195720	254.775	ug/l	96
26) 2,2-Dichloropropane	7.02	77	144471	49.519	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	107004	47.981	ug/l	99
28) Bromochloromethane	7.37	49	83022	51.817	ug/l	100
29) Tetrahydrofuran	7.38	42	117231	229.802	ug/l	99
30) Chloroform	7.53	83	159479	47.754	ug/l	97
31) Cyclohexane	7.81	56	166325	43.640	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	136367	48.447	ug/l	99
36) 1,1-Dichloropropene	7.94	75	133936	47.815	ug/l	99
37) Ethyl Acetate	7.11	43	78848	48.432	ug/l	100
38) Carbon Tetrachloride	7.93	117	118023	49.323	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	173161	46.609	ug/l	99
40) Benzene	8.19	78	395854	47.679	ug/l	100
41) Methacrylonitrile	7.34	41	32660m	44.577	ug/l	
42) 1,2-Dichloroethane	8.26	62	102512	47.916	ug/l	100
43) Isopropyl Acetate	8.30	43	147238	47.769	ug/l	100
44) Trichloroethene	8.96	130	98213	48.572	ug/l	98
45) 1,2-Dichloropropane	9.24	63	101934	48.840	ug/l	98
46) Dibromomethane	9.32	93	51960	48.310	ug/l	99
47) Bromodichloromethane	9.52	83	123613	49.407	ug/l	99
48) Methyl methacrylate	9.31	41	64541	47.189	ug/l	94
49) 1,4-Dioxane	9.32	88	13045	885.152	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	395575	249.165	ug/l	99
52) Toluene	10.26	92	244475	48.472	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	137330	50.382	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	160950	49.600	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	76751	48.760	ug/l	99
56) Ethyl methacrylate	10.52	69	114488	49.623	ug/l	99
57) 1,3-Dichloropropane	10.80	76	135960	48.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	206046	256.278	ug/l	100
59) 2-Hexanone	10.85	43	287295	253.534	ug/l	99
60) Dibromochloromethane	11.00	129	83578	50.390	ug/l	99
61) 1,2-Dibromoethane	11.10	107	72799	48.825	ug/l	99
64) Tetrachloroethene	10.73	164	78442	47.854	ug/l	97
65) Chlorobenzene	11.53	112	252650	48.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	84802	49.652	ug/l	98
67) Ethyl Benzene	11.60	91	472200	48.614	ug/l	98
68) m/p-Xylenes	11.71	106	347571	96.787	ug/l	99
69) o-Xylene	12.04	106	164870	48.710	ug/l	99
70) Styrene	12.05	104	287392	49.576	ug/l	100
71) Bromoform	12.22	173	47444	51.222	ug/l #	100
73) Isopropylbenzene	12.34	105	446667	48.096	ug/l	100
74) N-amyl acetate	12.16	43	134037	46.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	96734	48.302	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	65151m	45.133	ug/l	
77) Bromobenzene	12.62	156	96058	48.820	ug/l	96
78) n-propylbenzene	12.68	91	549418	47.953	ug/l	99
79) 2-Chlorotoluene	12.77	91	299918	47.381	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	369448	48.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	35167	49.210	ug/l	96
82) 4-Chlorotoluene	12.86	91	313526	47.571	ug/l	98
83) tert-Butylbenzene	13.08	119	307189	48.376	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	364717	48.069	ug/l	99
85) sec-Butylbenzene	13.27	105	461775	49.335	ug/l	100
86) p-Isopropyltoluene	13.38	119	395262	48.954	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	183714	47.647	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	182581	46.677	ug/l	98
89) n-Butylbenzene	13.70	91	407345	48.627	ug/l	99
90) Hexachloroethane	13.97	117	74592	48.971	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	167751	47.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14711	47.074	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107264	47.219	ug/l	98
94) Hexachlorobutadiene	15.12	225	51926	46.885	ug/l	99
95) Naphthalene	15.25	128	251420	46.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	93227	46.586	ug/l	99

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

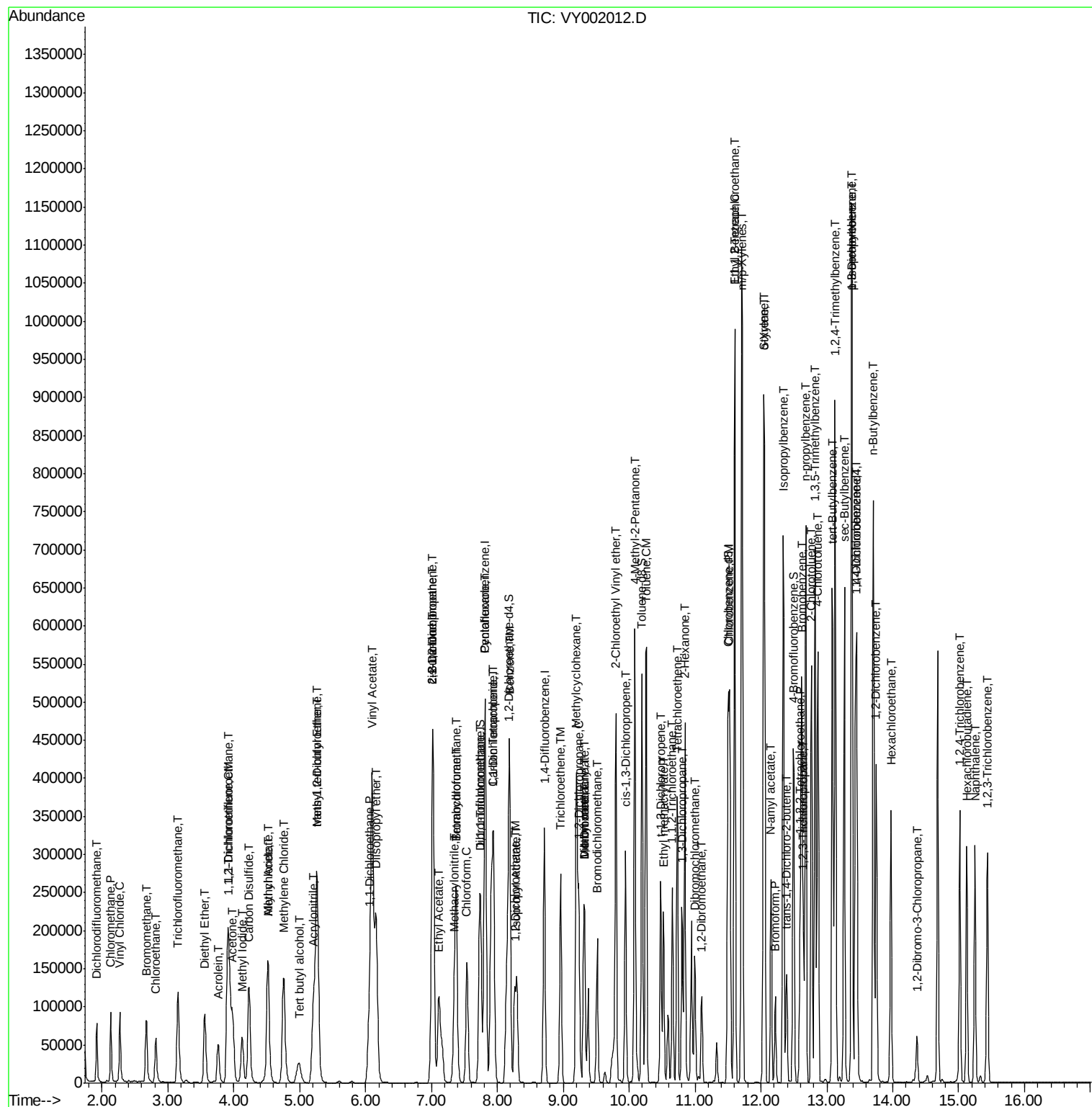
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 162462

Ion Ratio Lower Upper

168 100

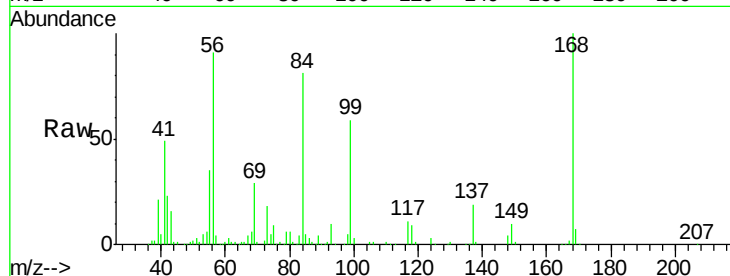
99 58.7 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

60000

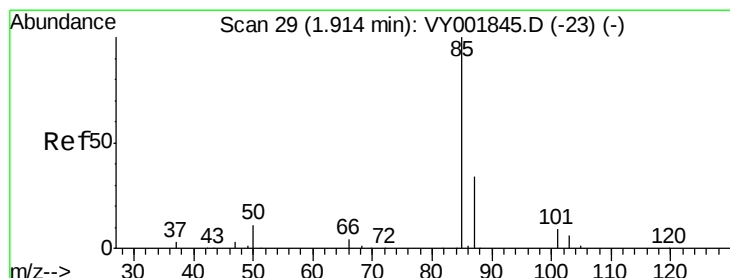
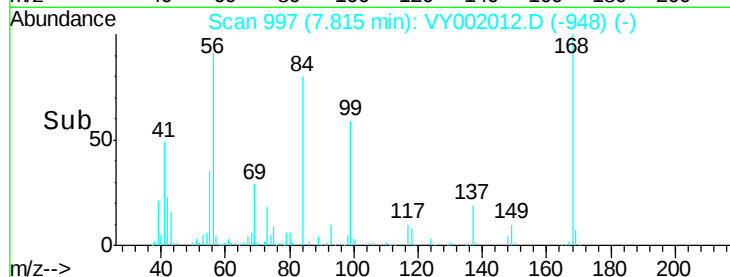
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.850 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002012.D

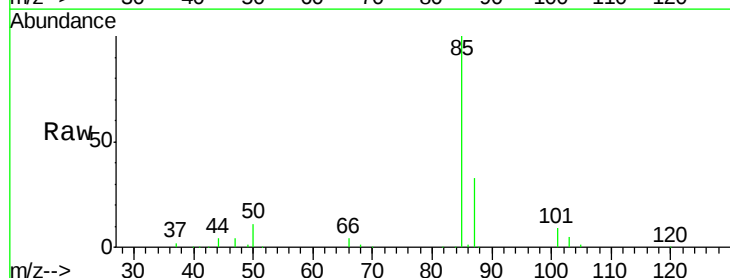
Acq: 19 Mar 2020 11:20

Tgt Ion: 85 Resp: 61260

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

50000

40000

30000

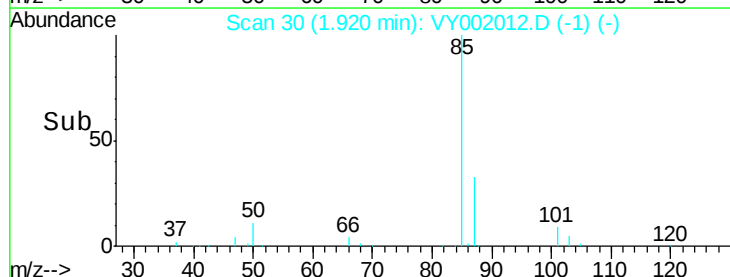
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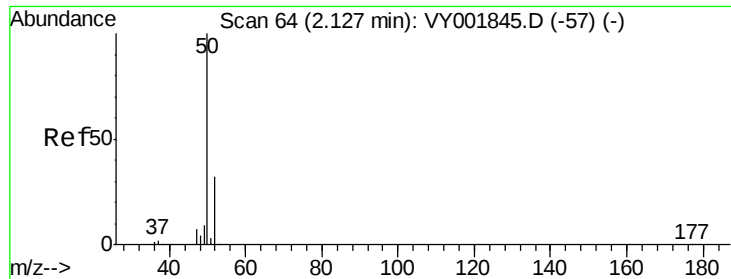
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 42.199 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Tot Ion: 50 Resp: 85321

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6

Instrument :

MSVOA_Y

ClientSampleId :

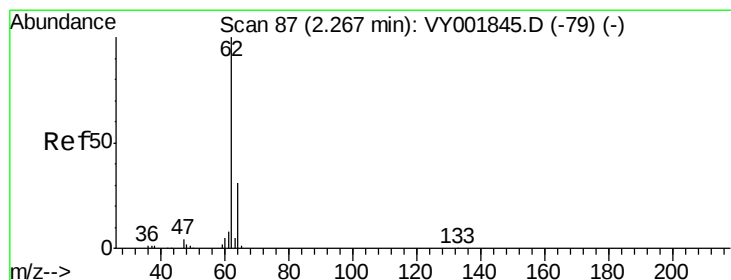
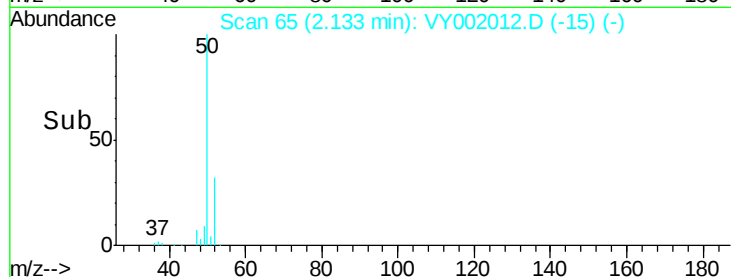
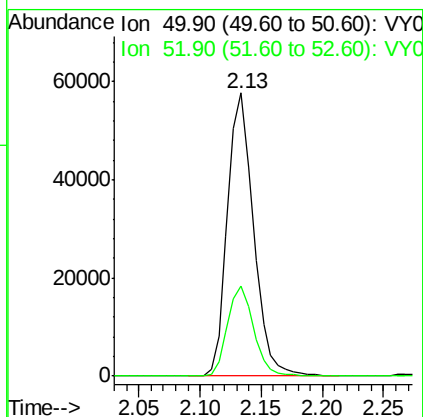
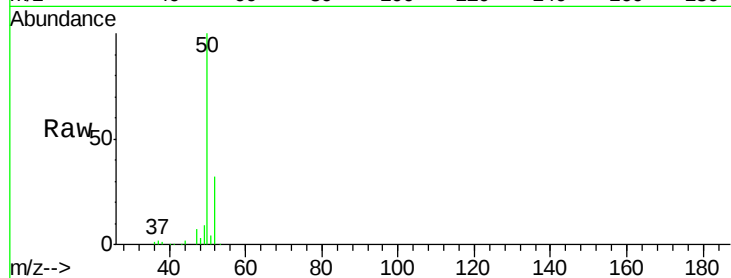
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.209 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY002012.D

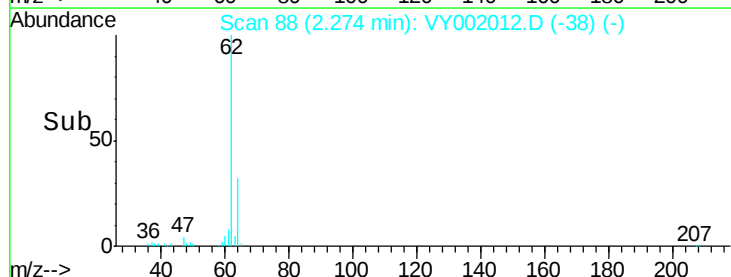
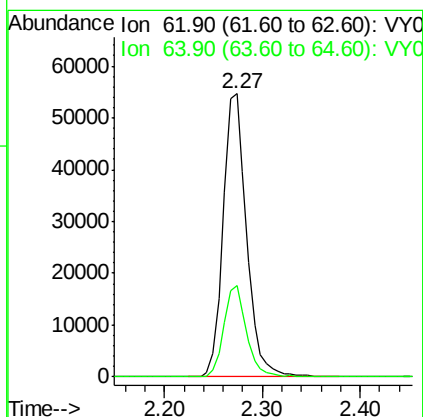
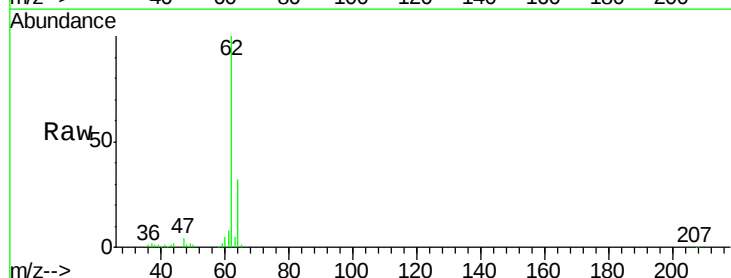
Acq: 19 Mar 2020 11:20

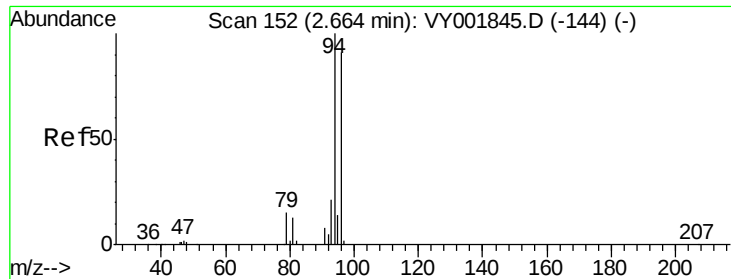
Tgt Ion: 62 Resp: 90920

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 50.345 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60425

Ion Ratio Lower Upper

94 100

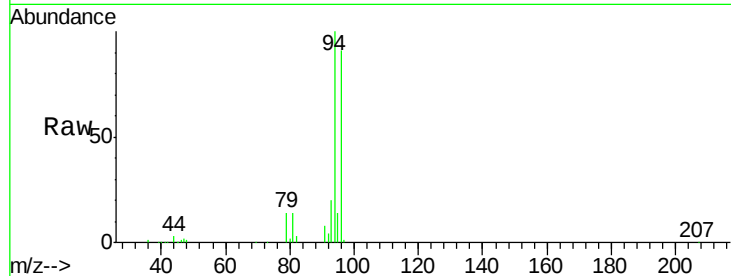
96 90.6 73.2 109.8

Manual Integrations

APPROVED

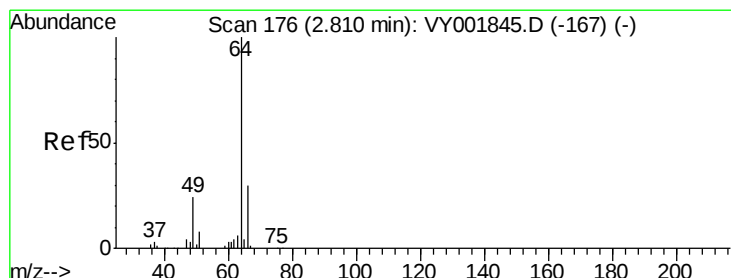
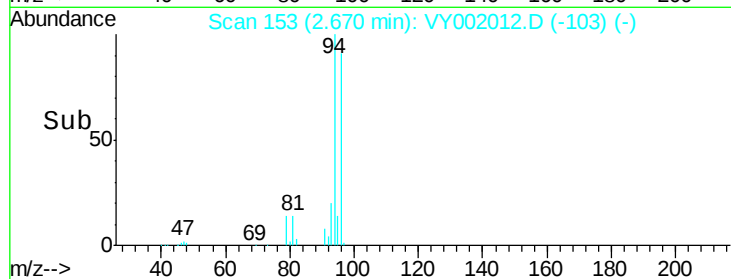
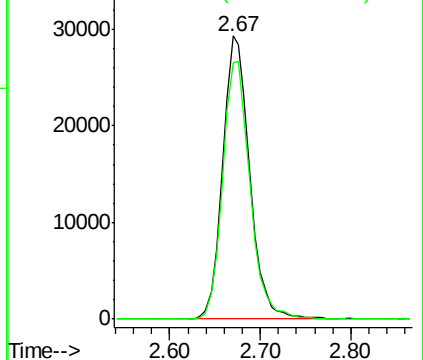
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.387 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002012.D

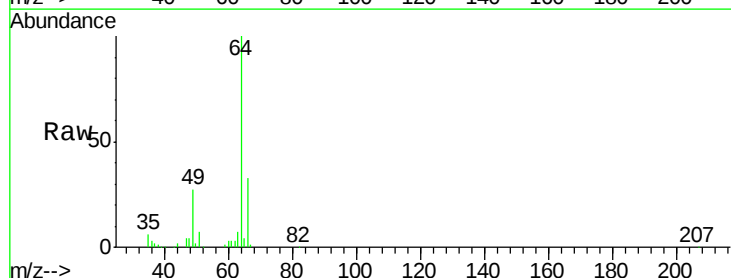
Acq: 19 Mar 2020 11:20

Tgt Ion: 64 Resp: 58635

Ion Ratio Lower Upper

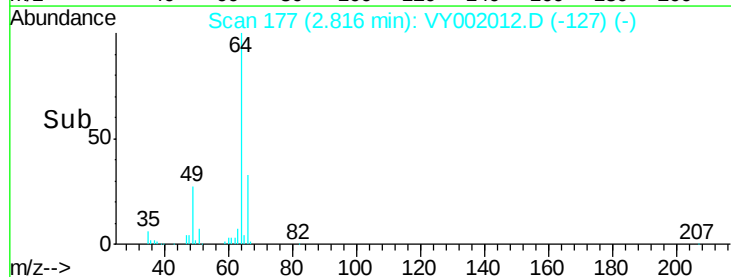
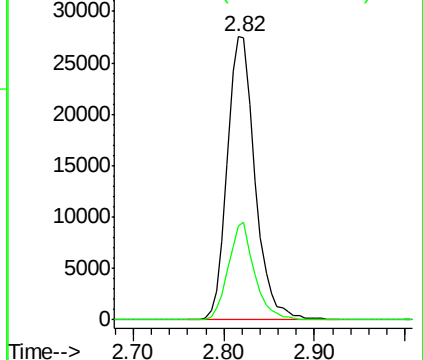
64 100

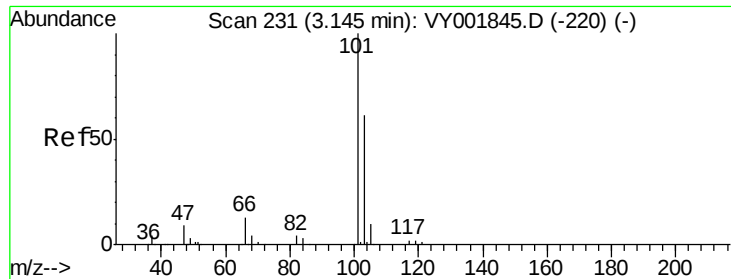
66 33.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

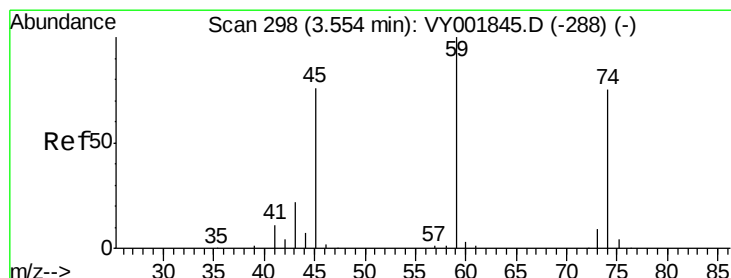
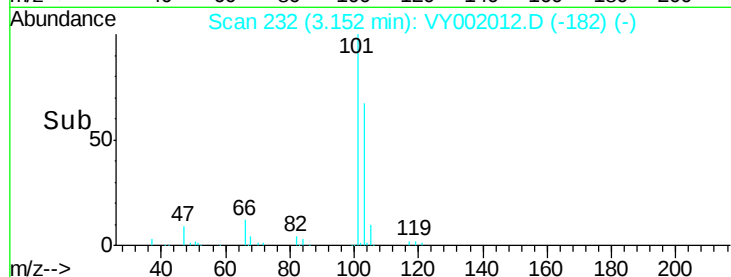
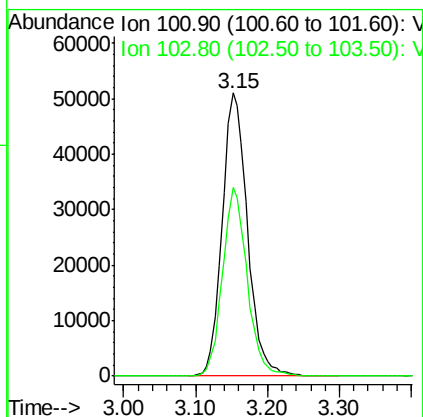
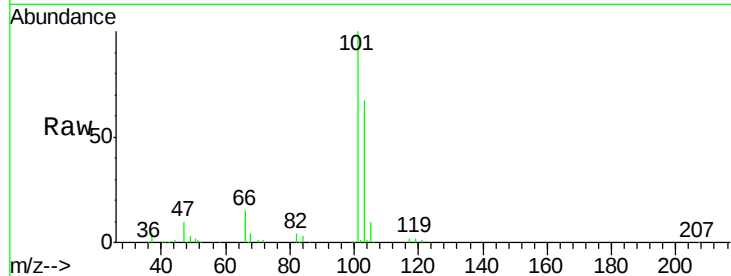
Trichlorofluoromethane
Concen: 44.841 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002012.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	49.1	73.7

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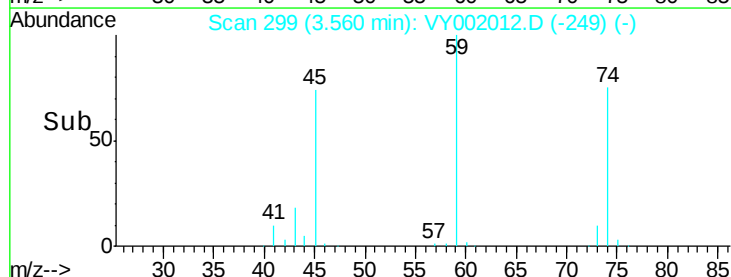
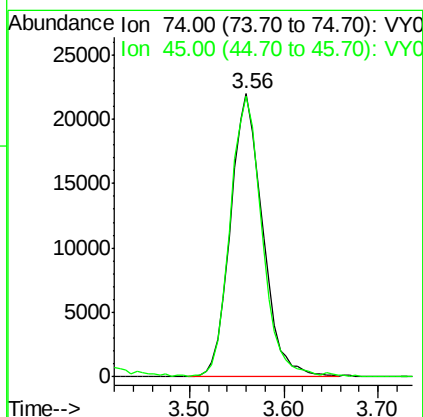
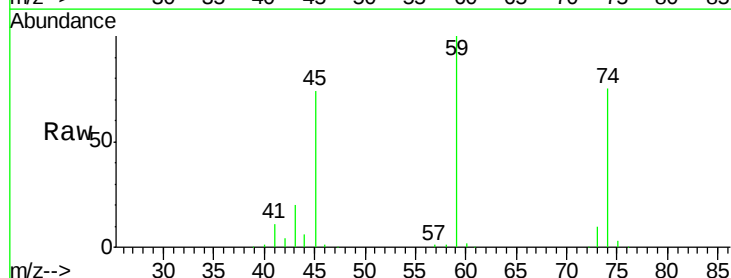
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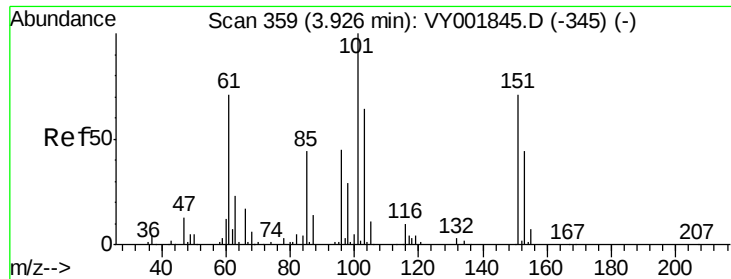


#8

Diethyl Ether
Concen: 47.595 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY002012.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	50.5	151.5





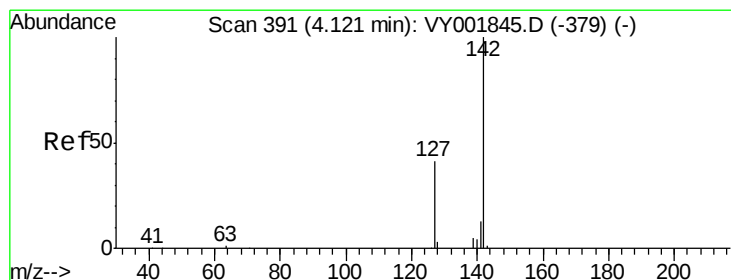
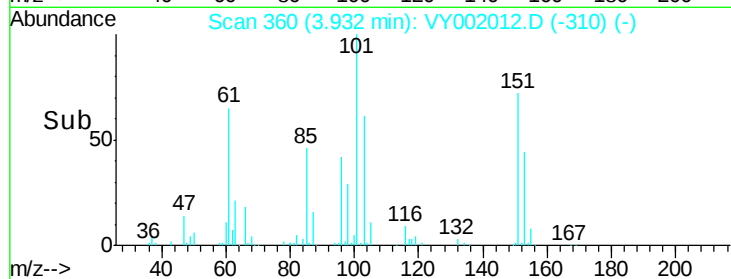
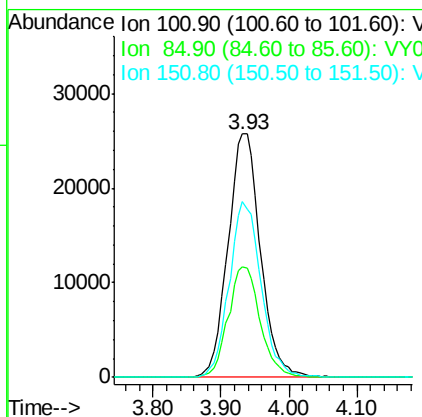
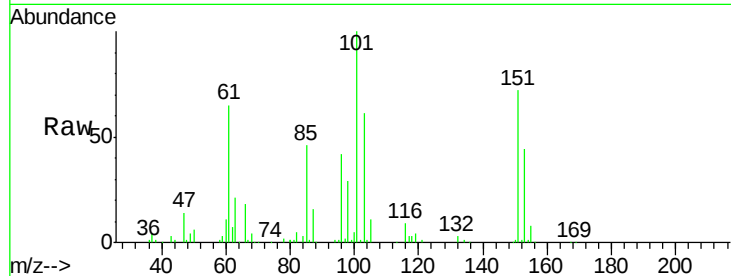
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.468 ug/l
 RT: 3.93 min Scan# 360
 Delta R.T. 0.01 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	85154		
85	44.8	35.3	52.9	
151	70.8	57.0	85.4	

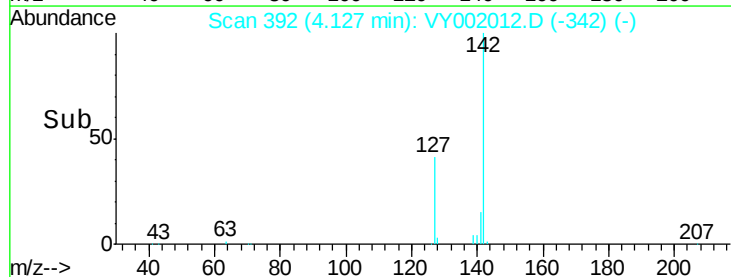
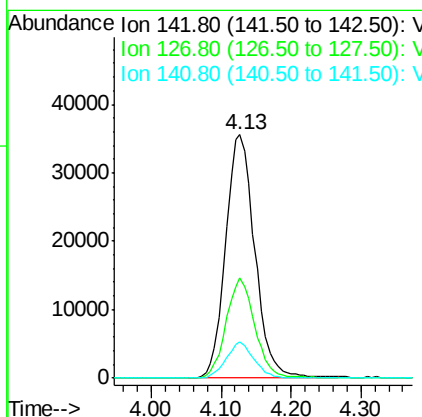
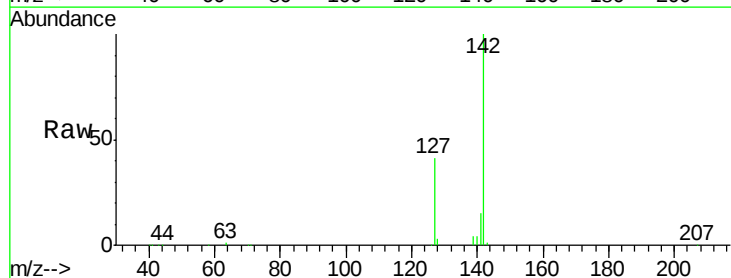
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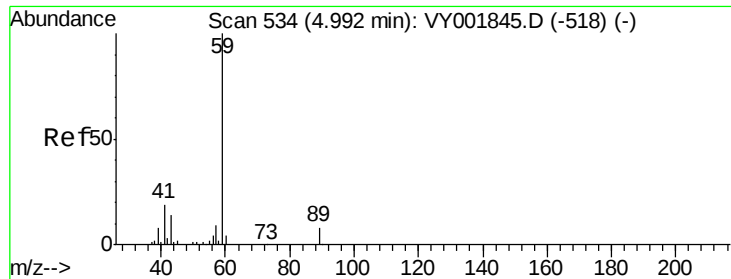
MMDadoda
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#10
 Methyl Iodide
 Concen: 49.704 ug/l
 RT: 4.13 min Scan# 392
 Delta R.T. 0.01 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	103114		
127	40.4	32.7	49.1	
141	14.1	11.0	16.6	





#11

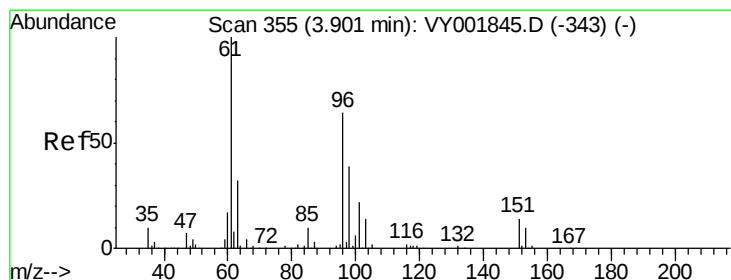
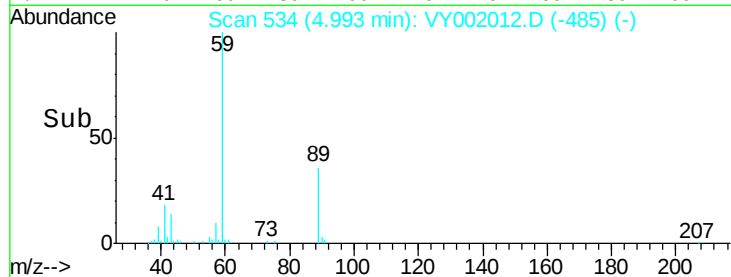
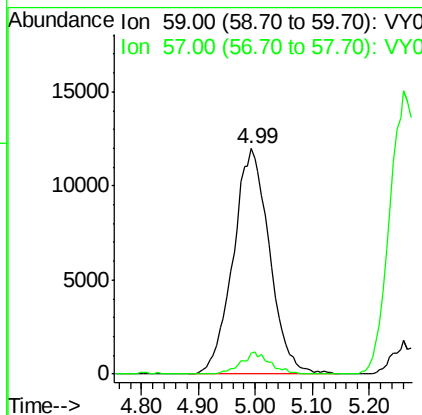
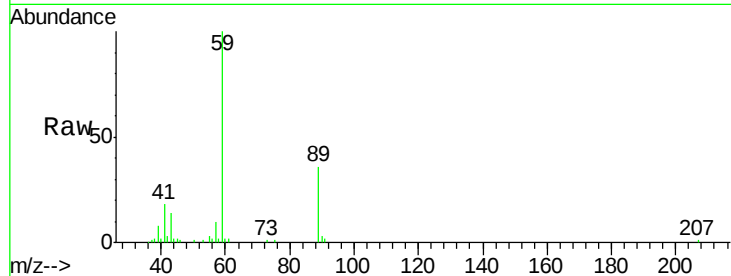
Tert butyl alcohol
 Concen: 299.619 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.8	7.4	11.2

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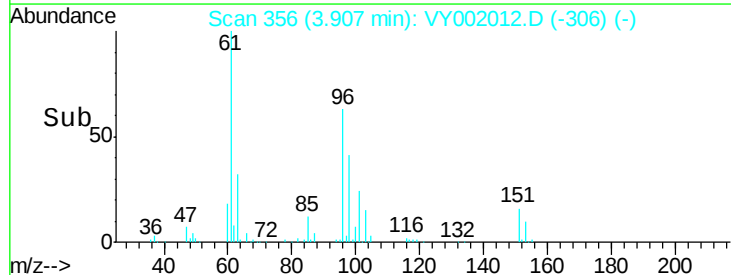
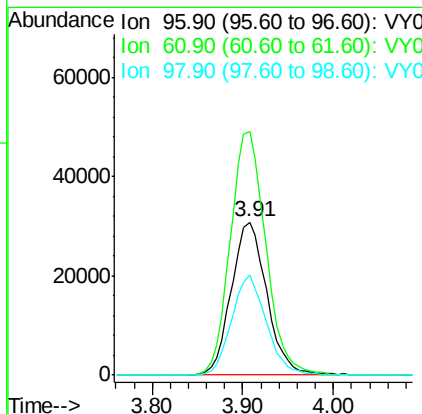
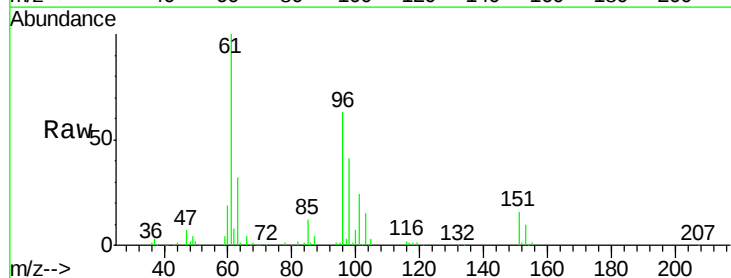
MMDadoda
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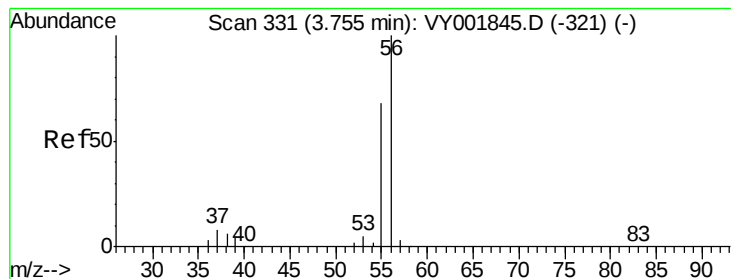


#12

1,1-Dichloroethene
 Concen: 46.479 ug/l
 RT: 3.91 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	124.8	187.2
98	65.4	49.2	73.8





#13

Acrolein

Concen: 258.732 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 63059

Ion Ratio Lower Upper

56 100

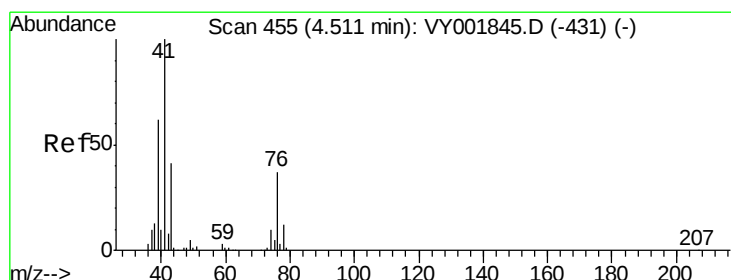
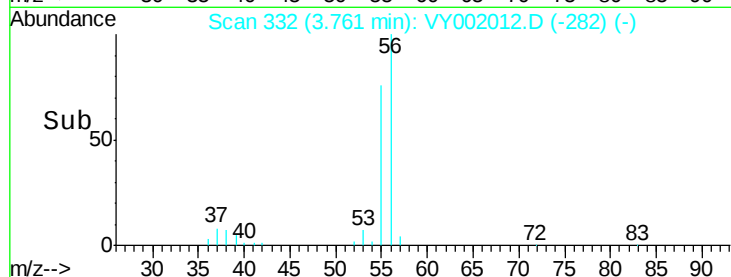
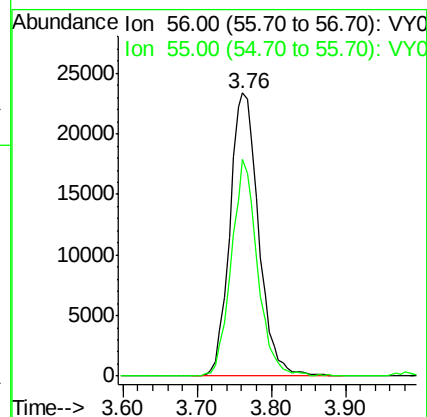
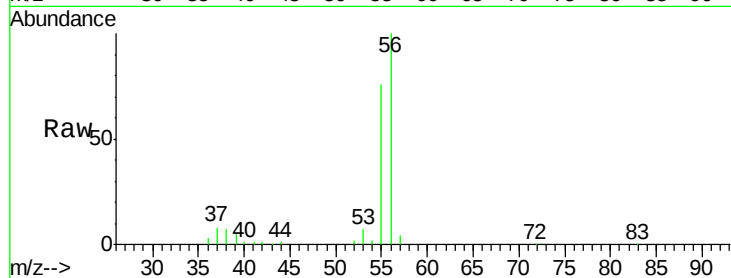
55 69.6 54.0 81.0

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#14

Allyl chloride

Concen: 46.790 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

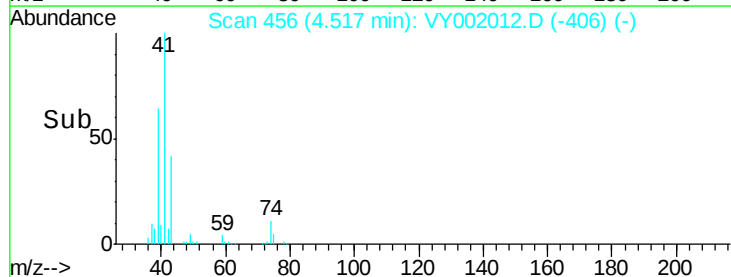
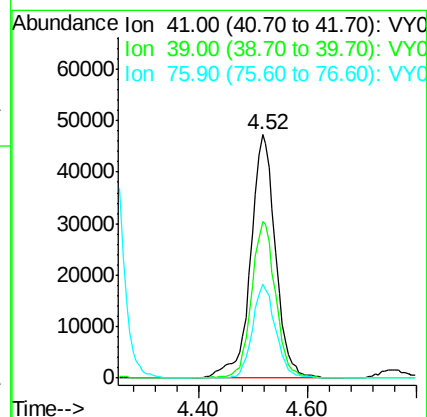
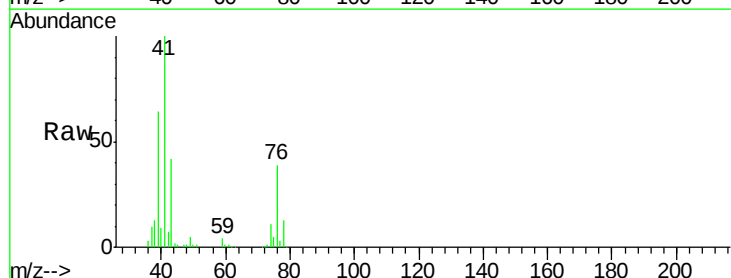
Tgt Ion: 41 Resp: 149831

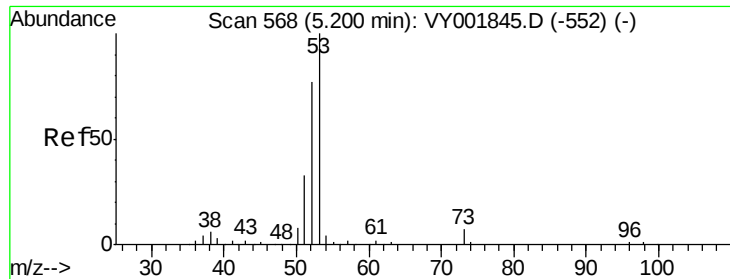
Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.6

76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 235.837 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

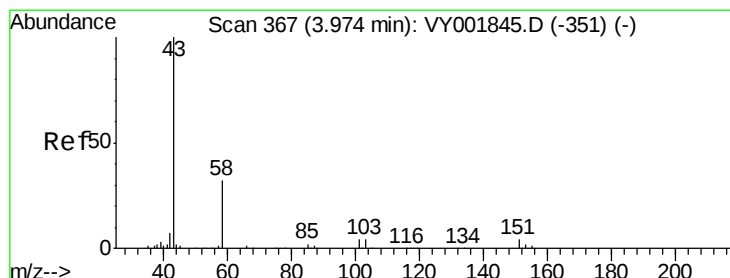
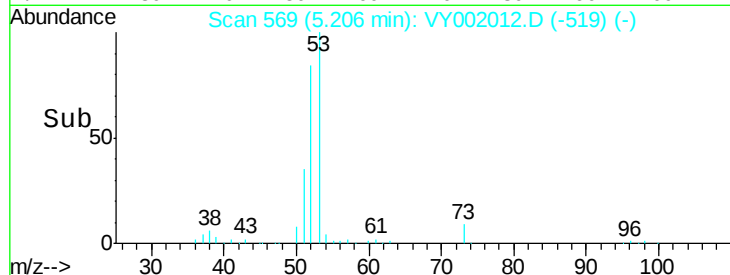
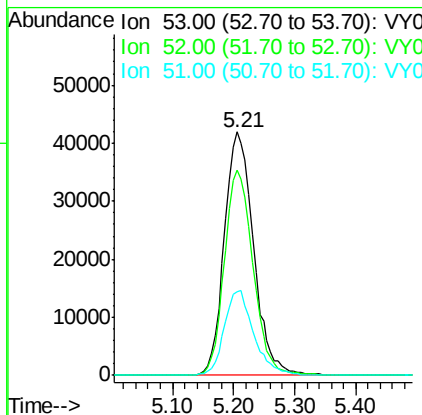
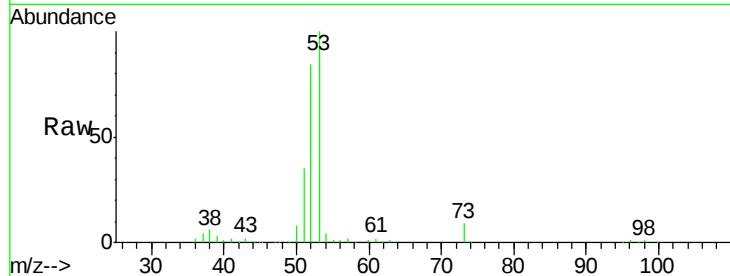
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	138534
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.1	97.7
51	35.2	27.5	41.3

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#16

Acetone

Concen: 290.750 ug/l

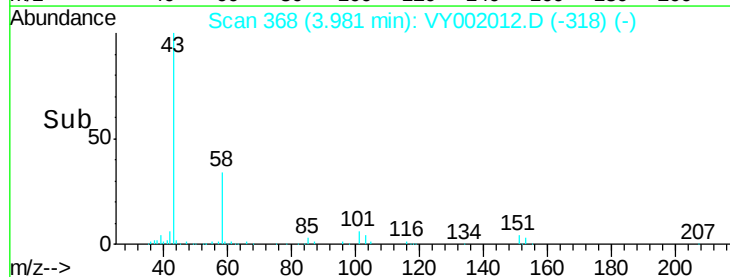
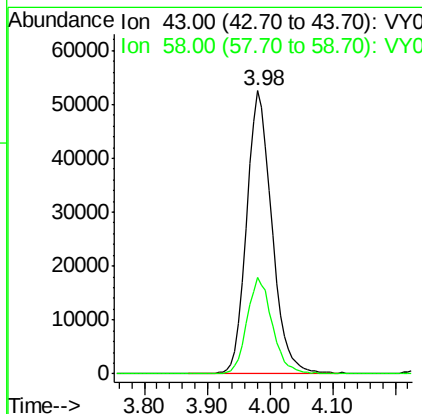
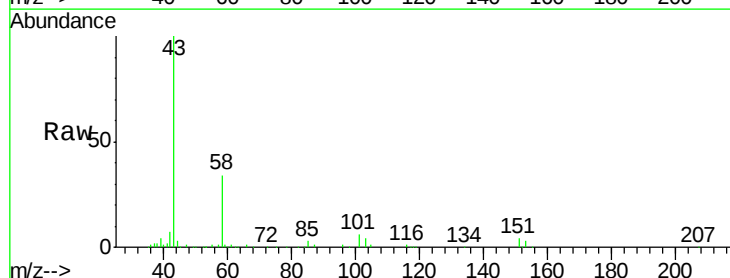
RT: 3.98 min Scan# 368

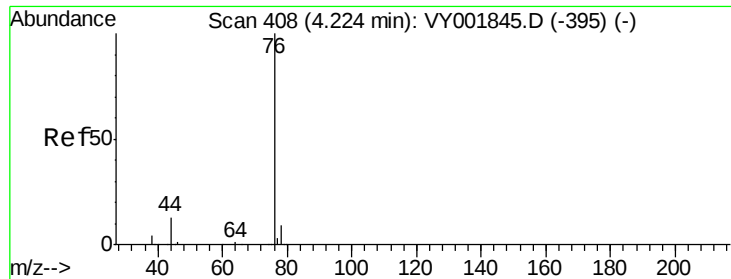
Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Tgt Ion:	43	Resp:	146875
Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.9	38.9





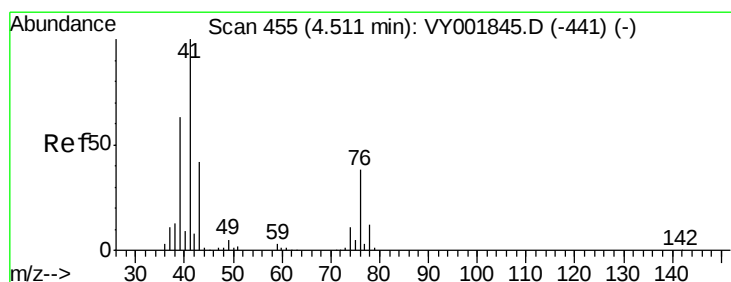
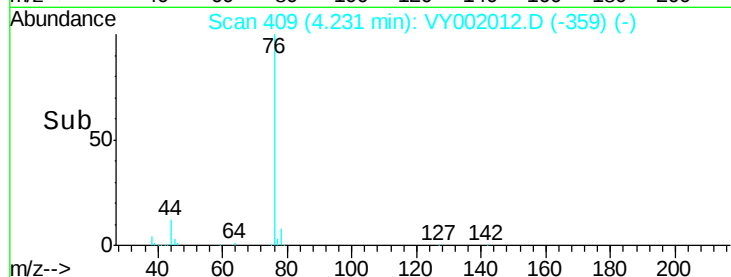
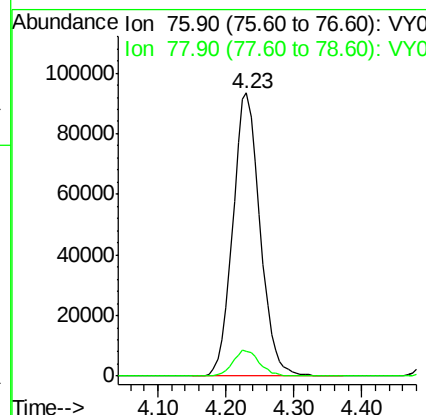
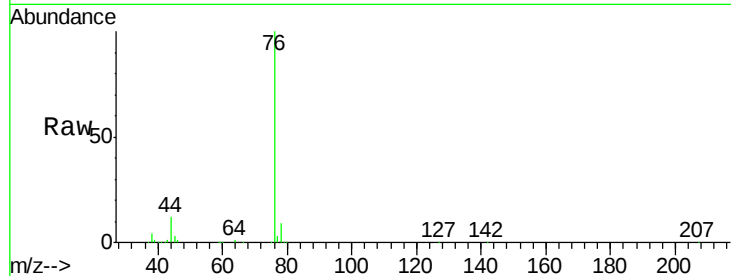
#17
Carbon Disulfide
Concen: 42.583 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

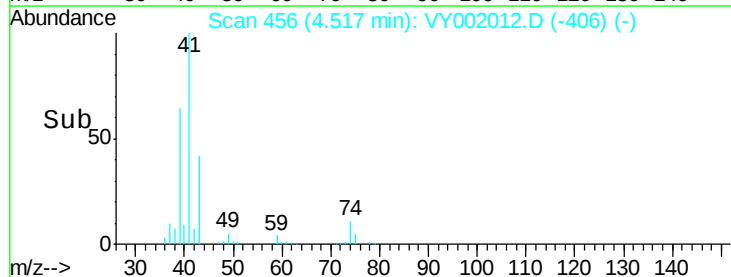
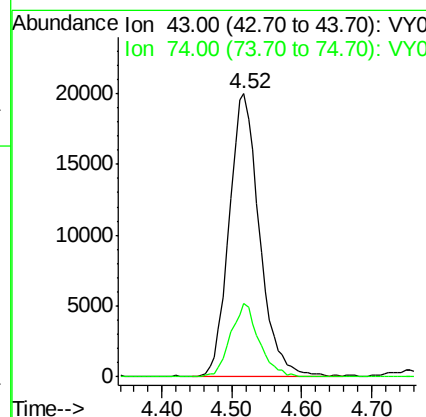
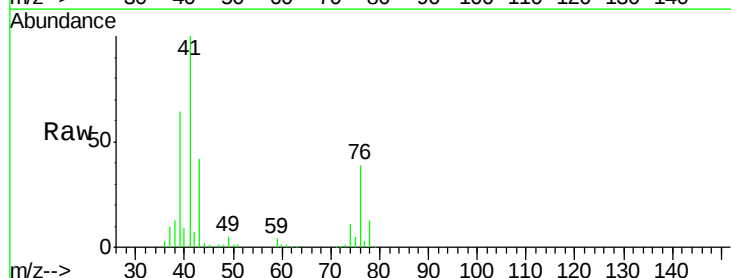
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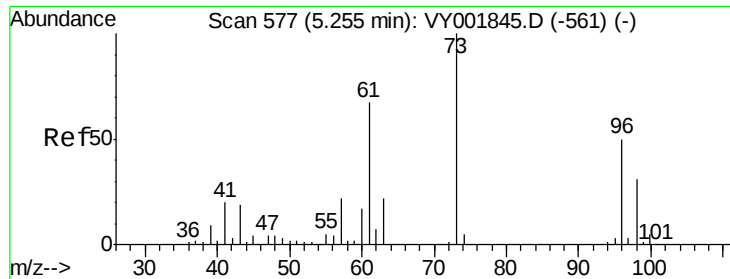
MMDadoda
3/20/2020 12:06:12 PM



#18
Methyl Acetate
Concen: 46.473 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.6





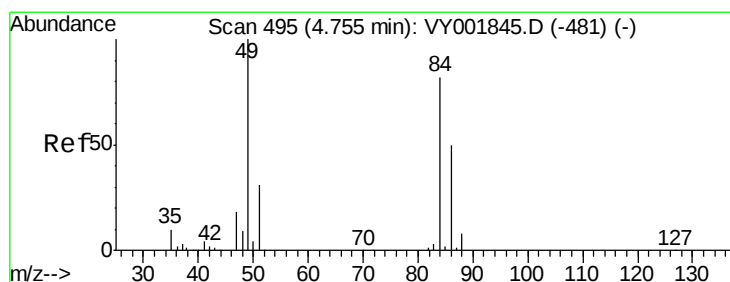
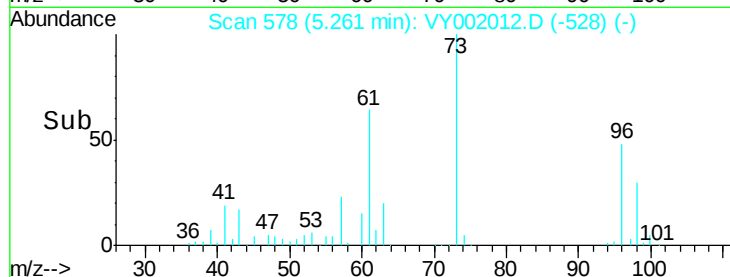
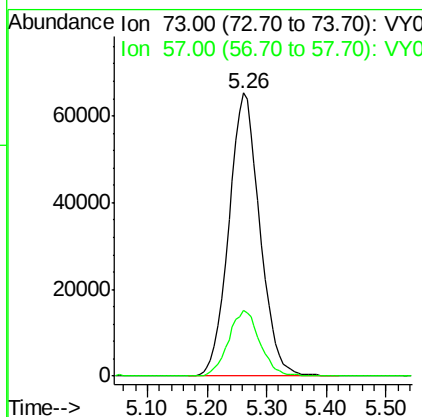
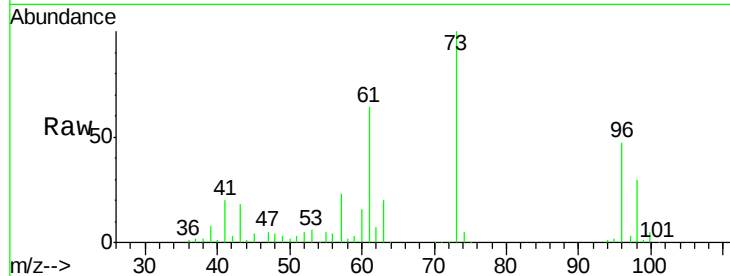
#19
Methvl tert-butvl Ether
Concen: 48.073 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2

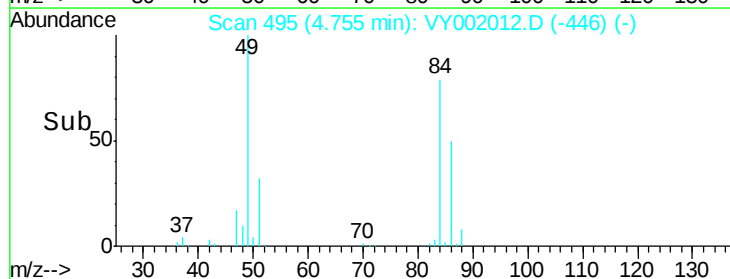
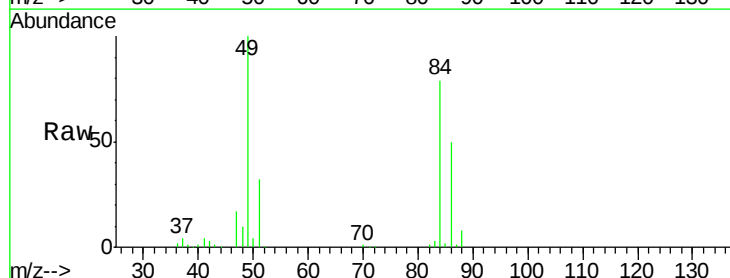
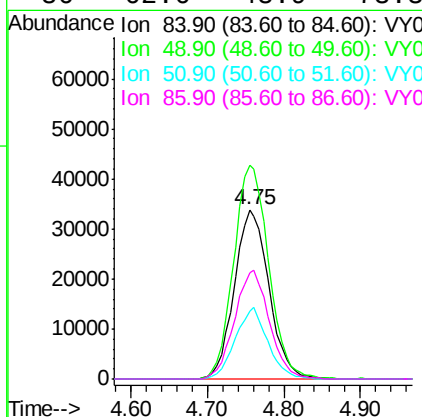
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#20
Methylene Chloride
Concen: 49.099 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	98.2	147.2
51	40.0	30.2	45.2
86	62.6	48.9	73.3





#21

trans-1,2-Dichloroethene

Concen: 45.805 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

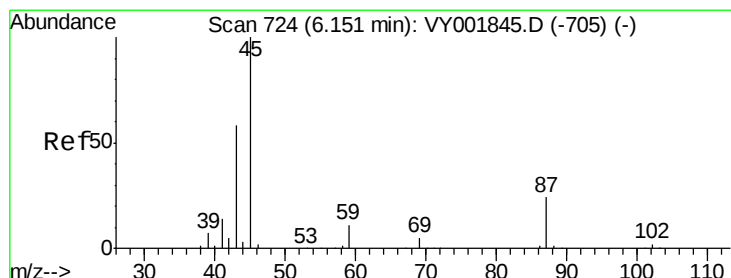
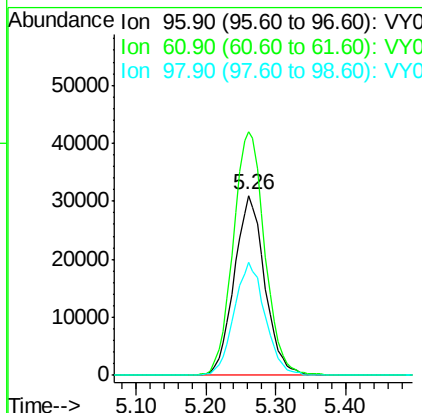
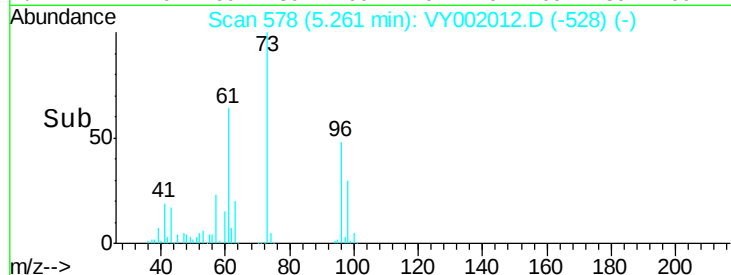
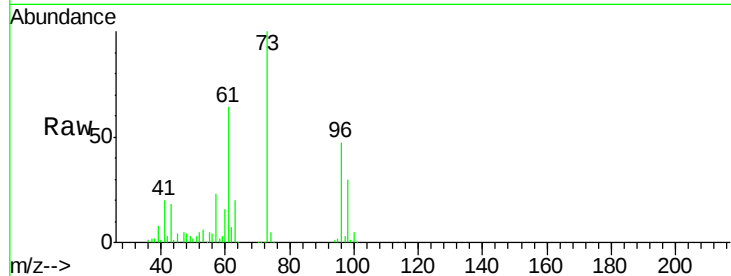
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	93909
Ion	Ratio	Lower	Upper
96	100		
61	135.6	107.7	161.5
98	63.1	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.483 ug/l

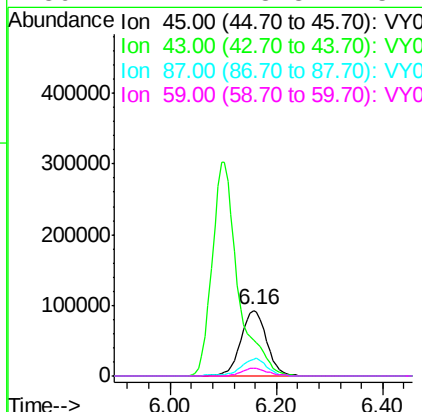
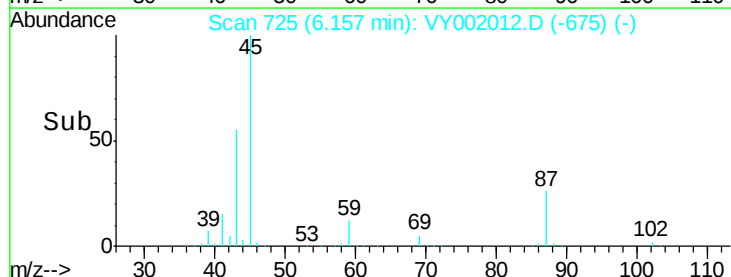
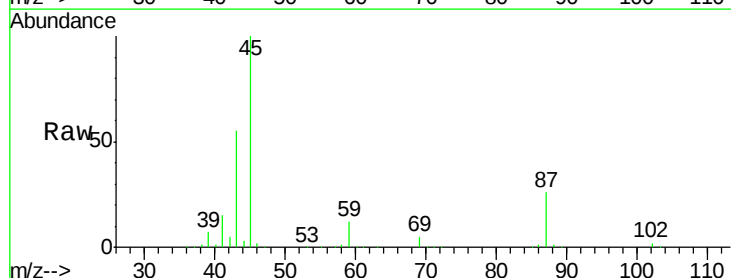
RT: 6.16 min Scan# 725

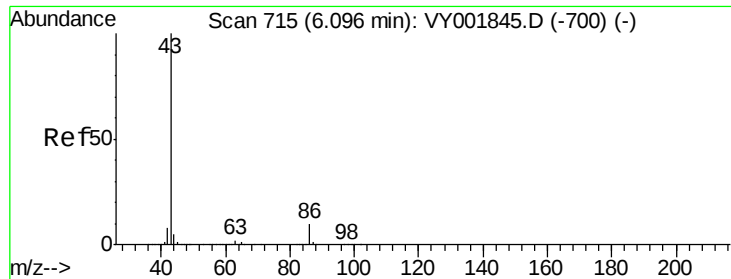
Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Tgt Ion:	45	Resp:	311677
Ion	Ratio	Lower	Upper
45	100		
43	55.3	47.2	70.8
87	25.8	19.8	29.8
59	12.1	8.8	13.2





#23

Vinyl Acetate

Concen: 236.549 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1017895

Ion Ratio Lower Upper

43 100

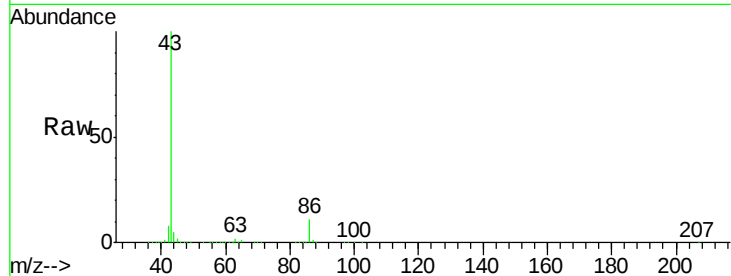
86 10.6 7.8 11.8

Manual Integrations

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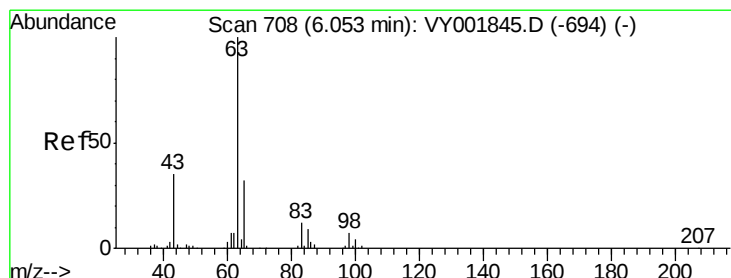
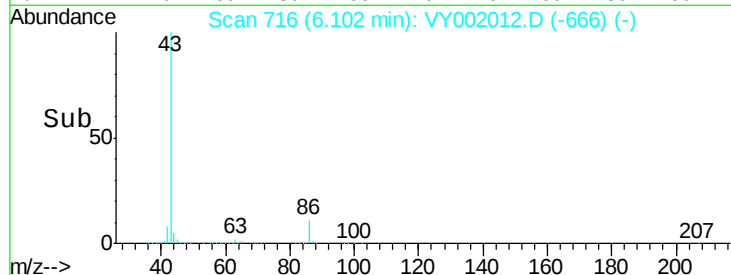
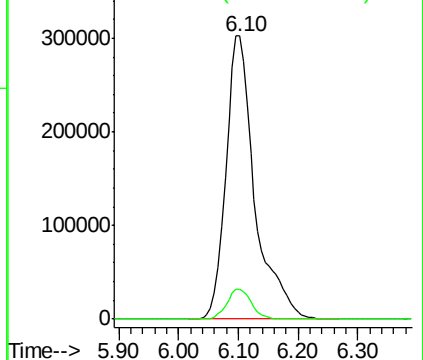
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.483 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

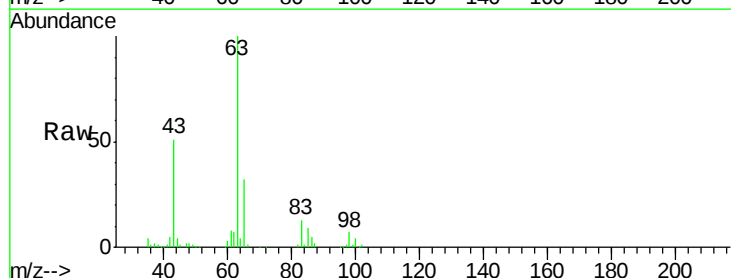
Tgt Ion: 63 Resp: 168782

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

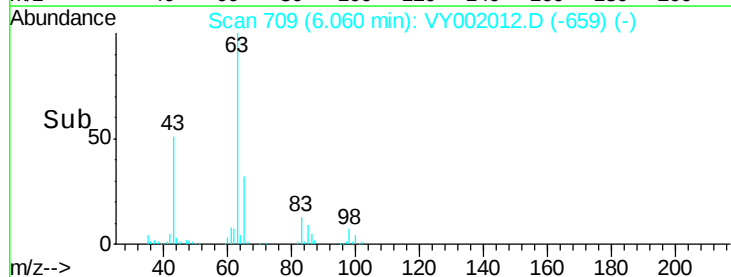
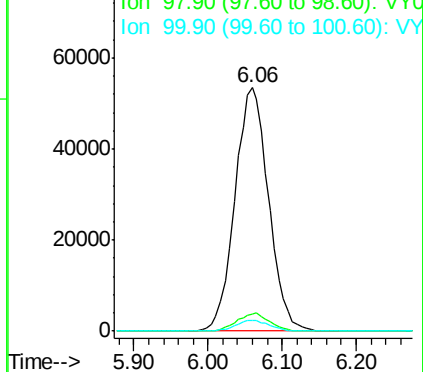
100 4.2 2.0 6.0

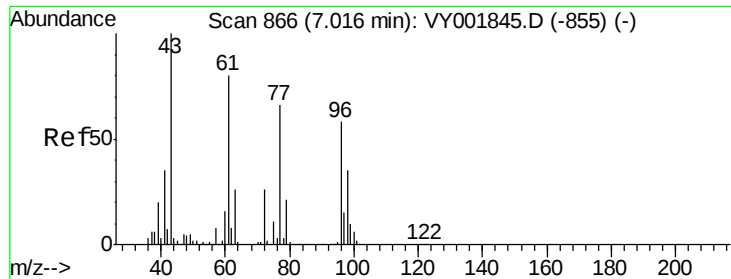


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 254.775 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 195720

Ion Ratio Lower Upper

43 100

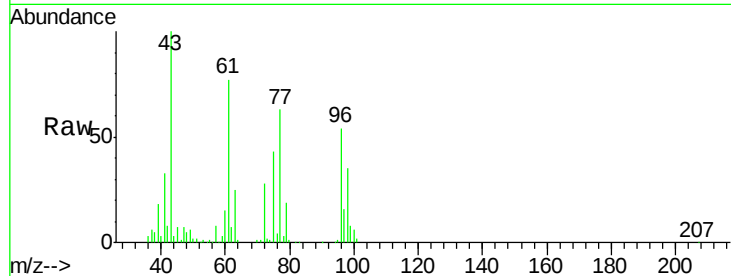
72 28.3 20.9 31.3

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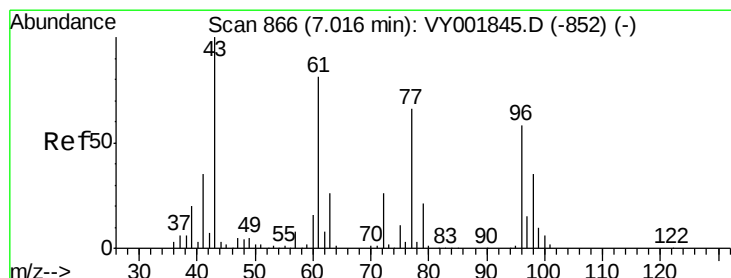
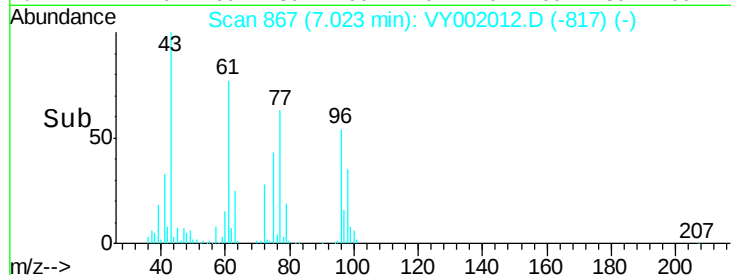
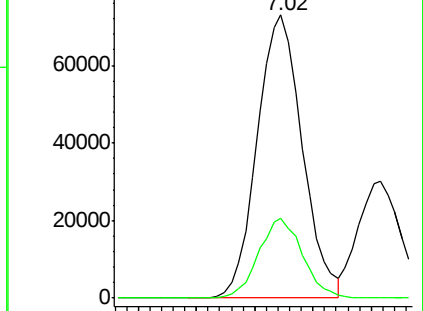
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3/20/2020 12:06:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.519 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002012.D

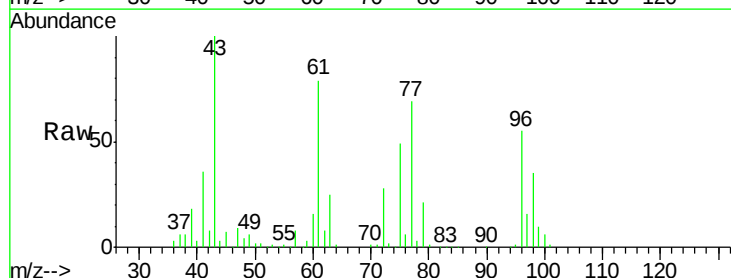
Acq: 19 Mar 2020 11:20

Tgt Ion: 77 Resp: 144471

Ion Ratio Lower Upper

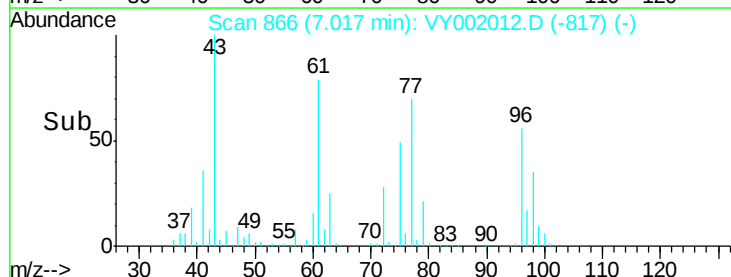
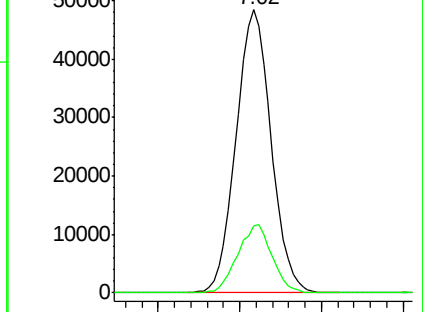
77 100

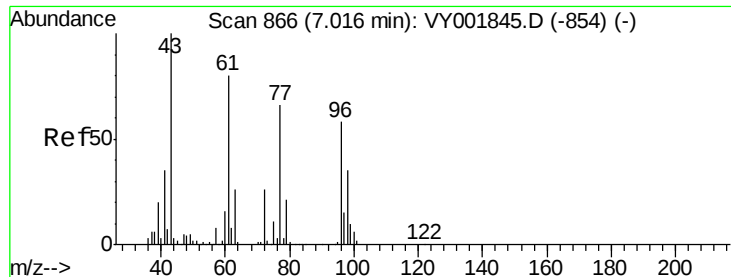
97 23.6 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

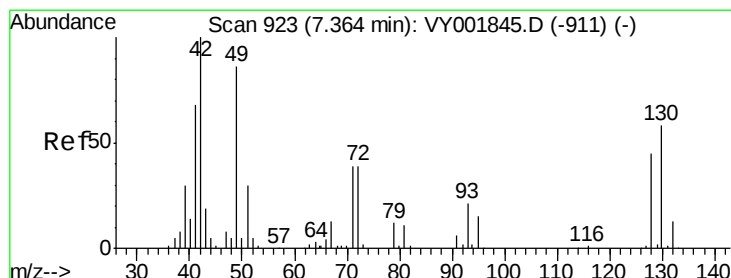
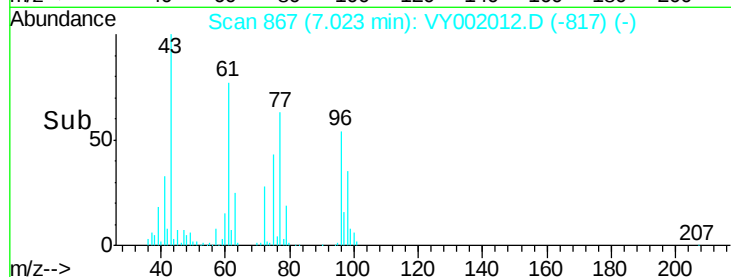
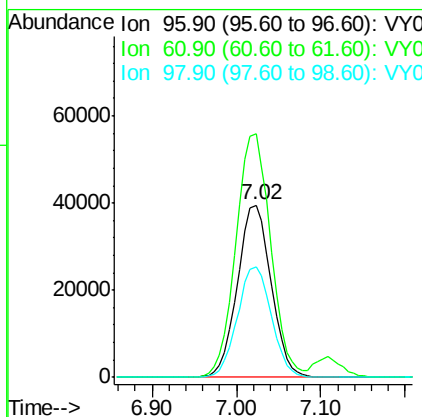
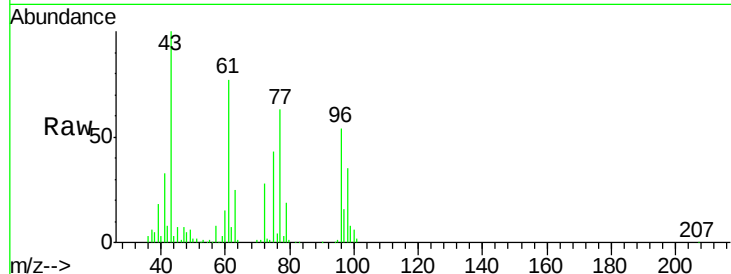
cis-1,2-Dichloroethene
Concen: 47.981 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.4	0.0	288.2	
98	64.7	0.0	129.0	

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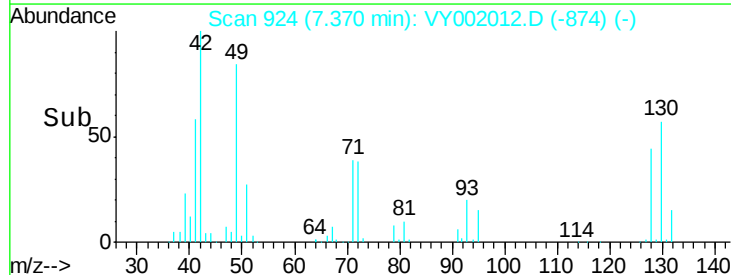
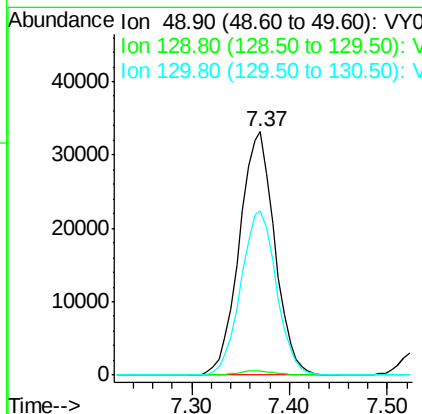
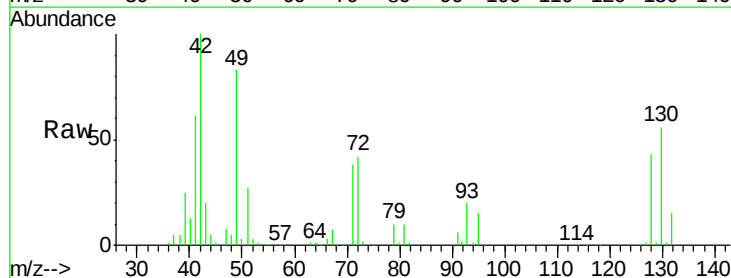
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3/20/2020 12:06:12 PM

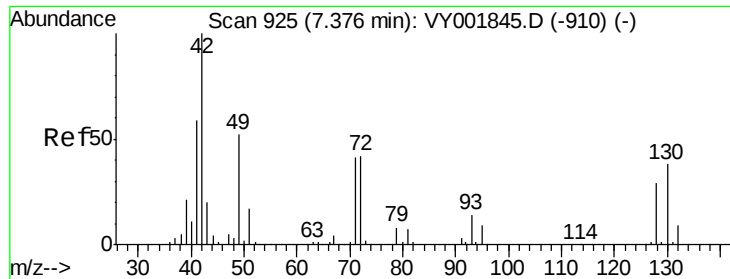


#28

Bromochloromethane
Concen: 51.817 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	67.9	54.4	81.6	





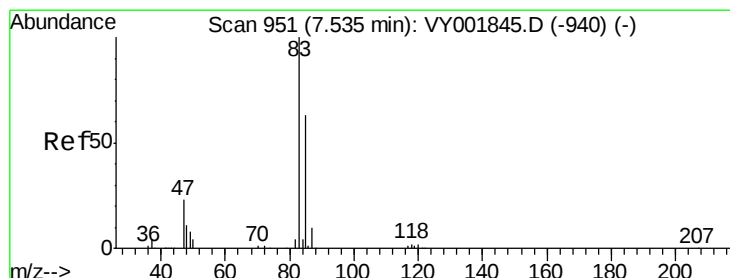
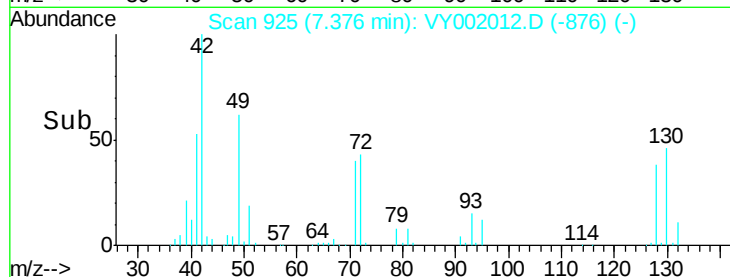
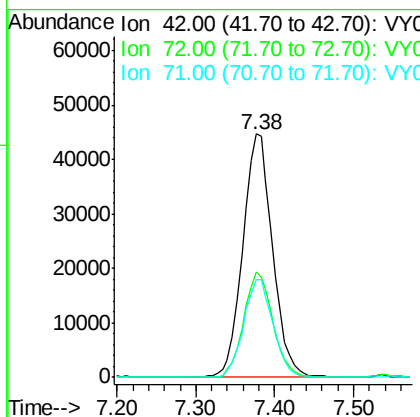
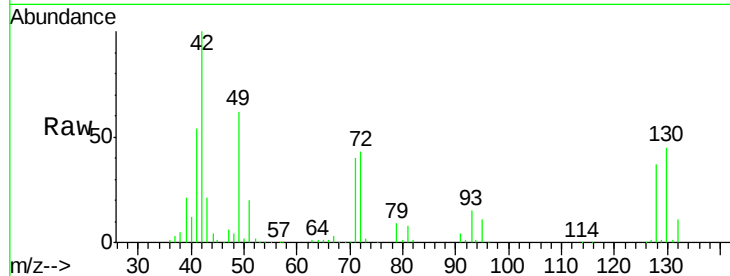
#29
Tetrahydrofuran
Concen: 229.802 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.5	50.3
71	40.0	31.3	46.9

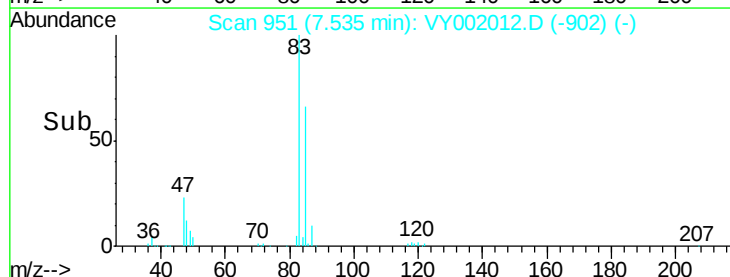
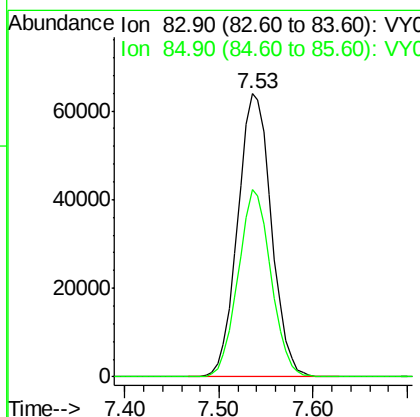
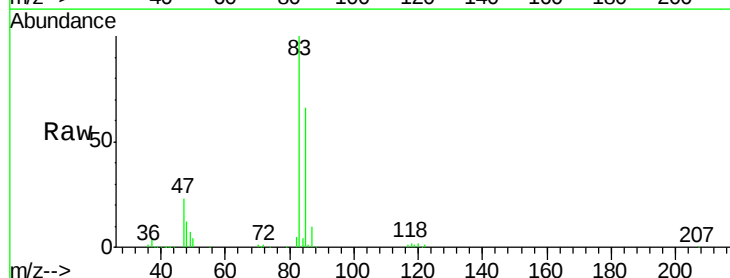
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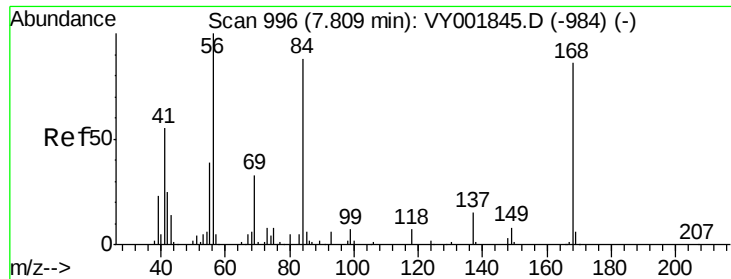
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3/20/2020 12:06:12 PM



#30
Chloroform
Concen: 47.754 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.7	76.1





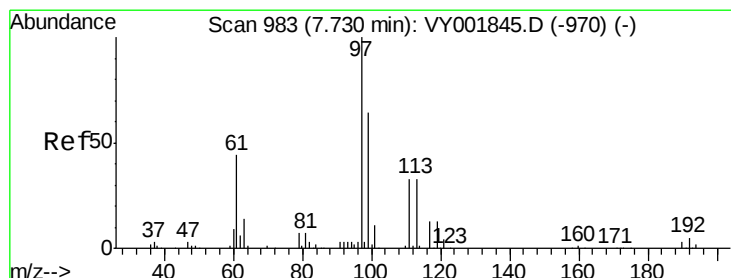
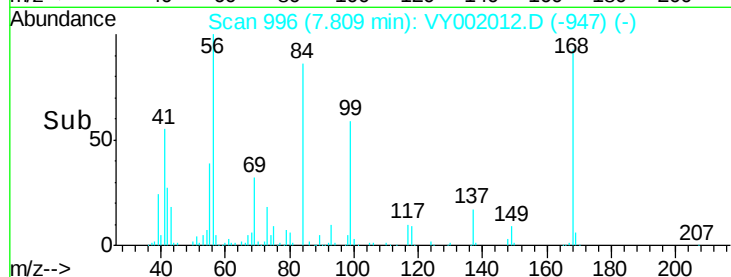
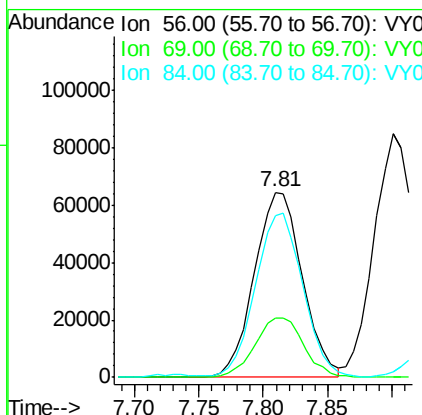
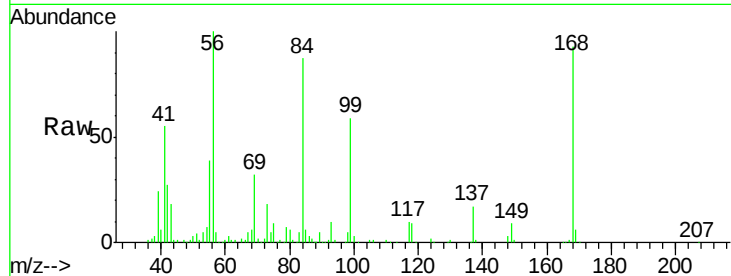
#31
Cyclohexane
Concen: 43.640 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.7	40.1
84	85.9	70.4	105.6

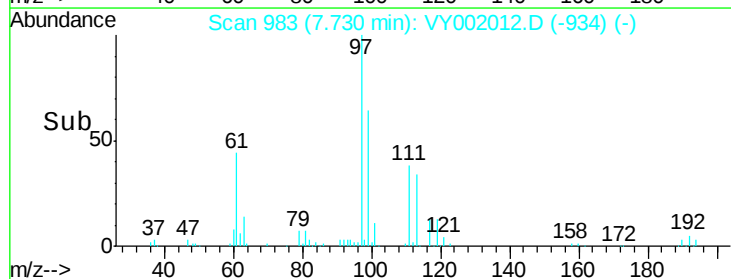
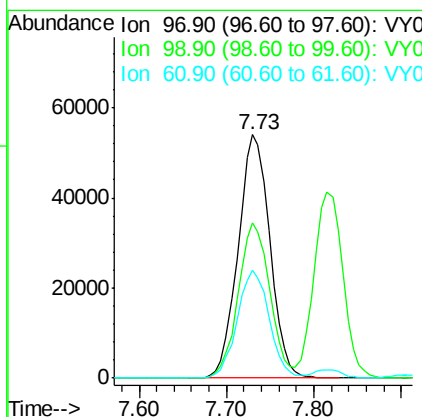
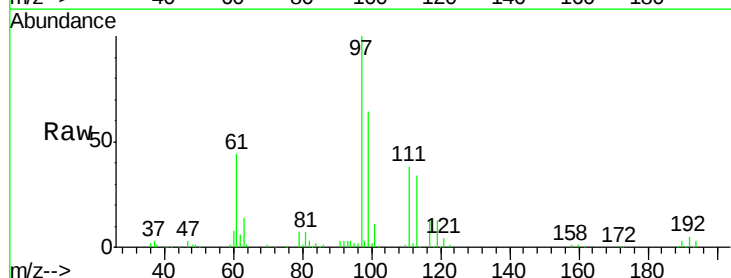
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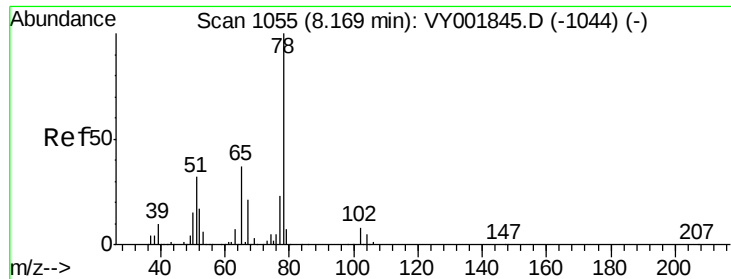
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3/20/2020 12:06:12 PM



#32
1,1,1-Trichloroethane
Concen: 48.447 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	44.5	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 51.042 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 88527

Ion Ratio Lower Upper

65 100

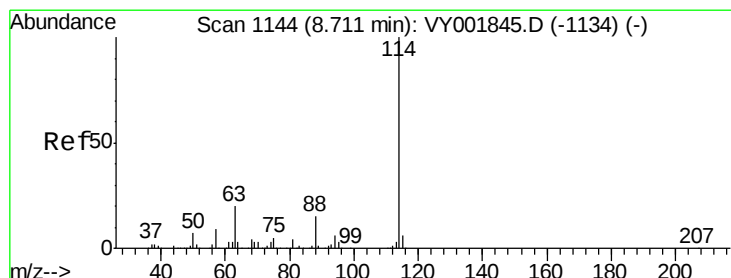
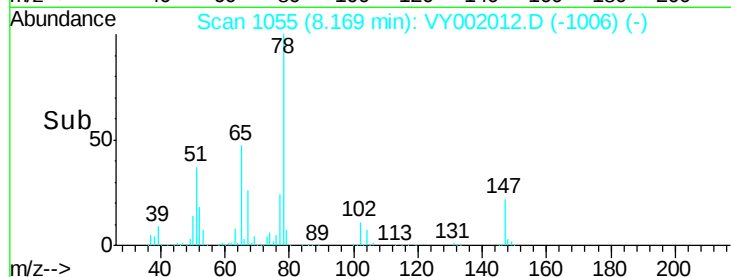
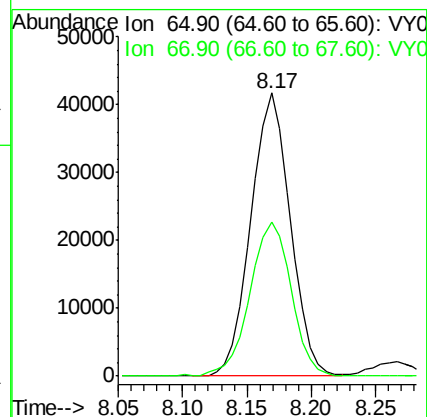
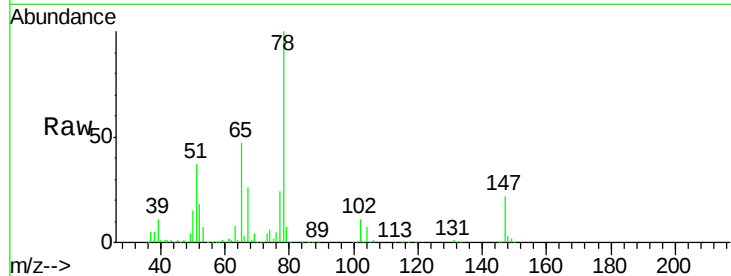
67 57.1 0.0 110.8

Manual Integrations

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3/20/2020 12:06:12 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

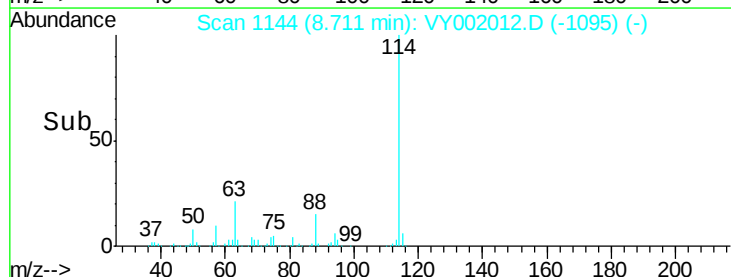
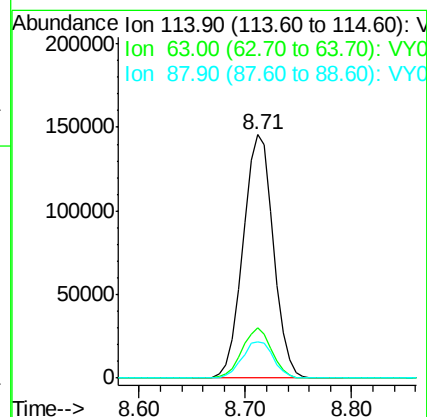
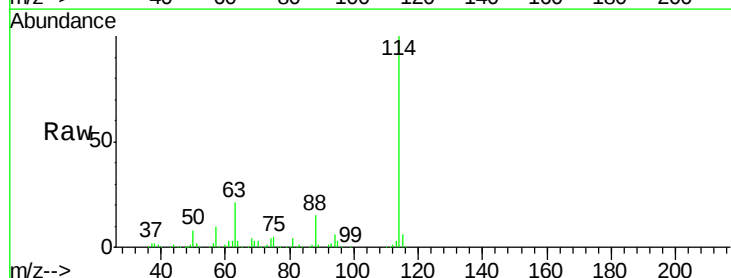
Tgt Ion: 114 Resp: 291086

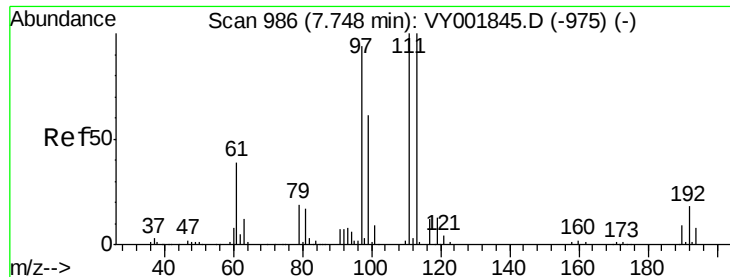
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

88 15.1 0.0 30.4





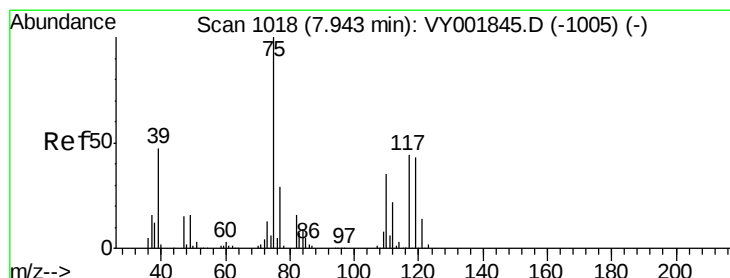
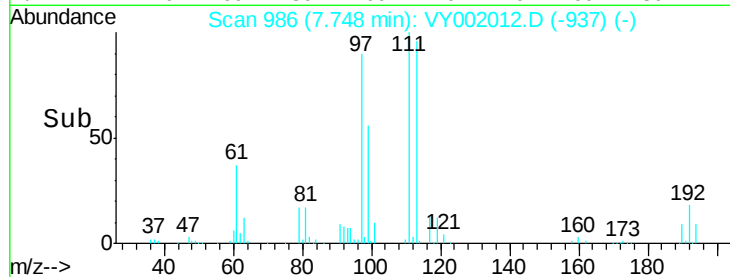
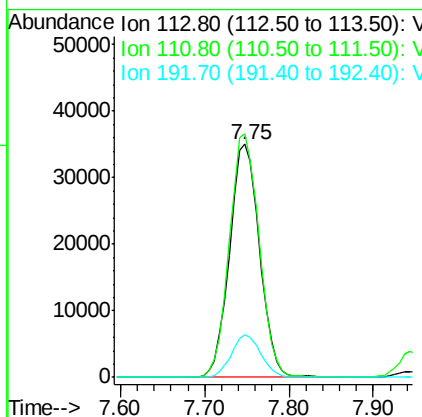
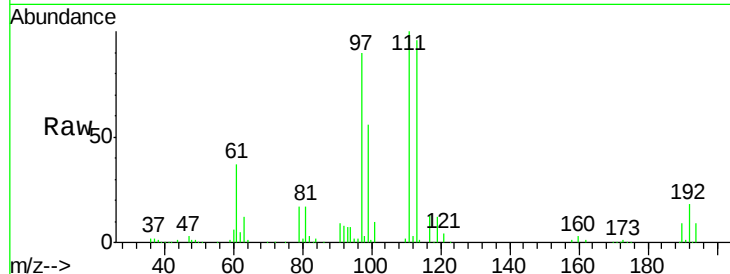
#35
 Dibromofluoromethane
 Concen: 53.016 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	17.9	14.2	21.2

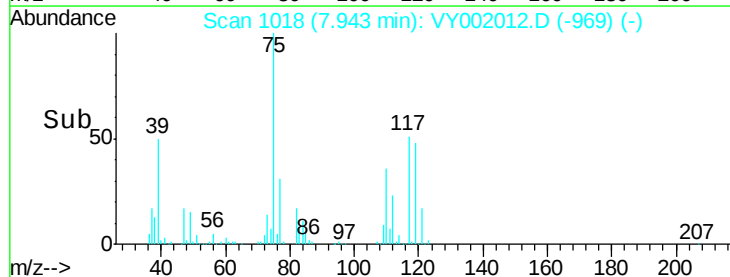
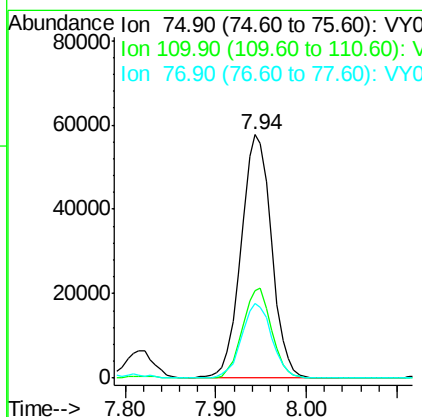
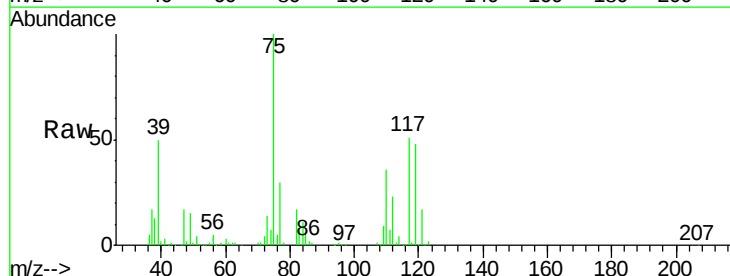
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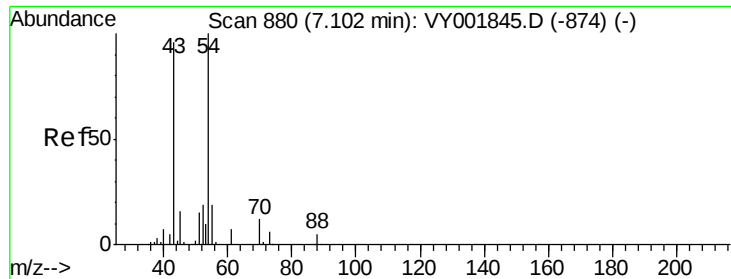
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 3/20/2020 12:06:12 PM



#36
 1,1-Dichloropropene
 Concen: 47.815 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.4	52.2
77	30.6	24.2	36.2





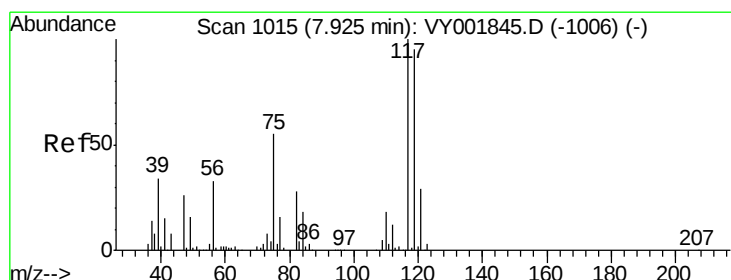
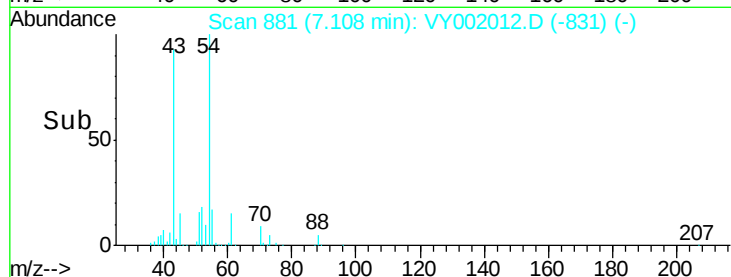
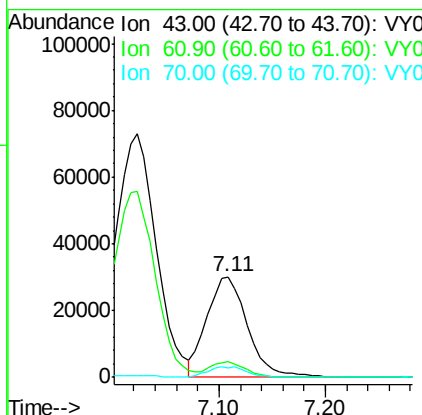
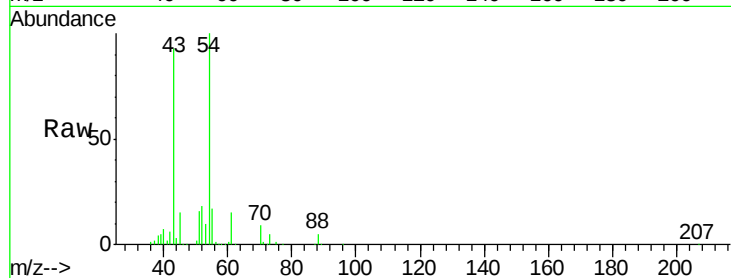
#37
Ethyl Acetate
Concen: 48.432 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.5	8.2	12.4

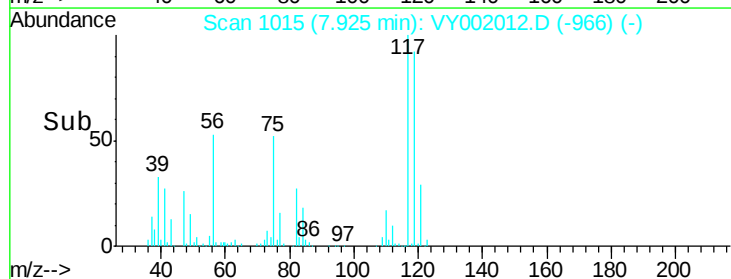
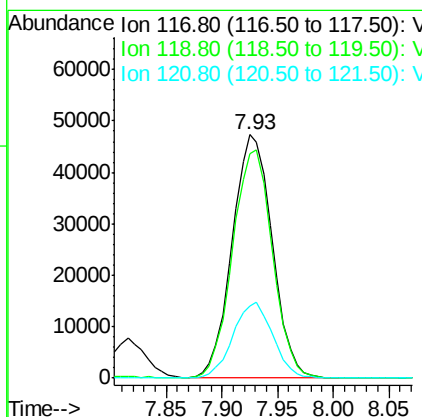
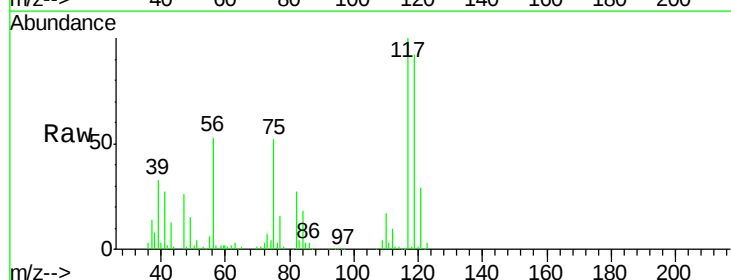
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#38
Carbon Tetrachloride
Concen: 49.323 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.3	114.5
121	29.4	23.5	35.3





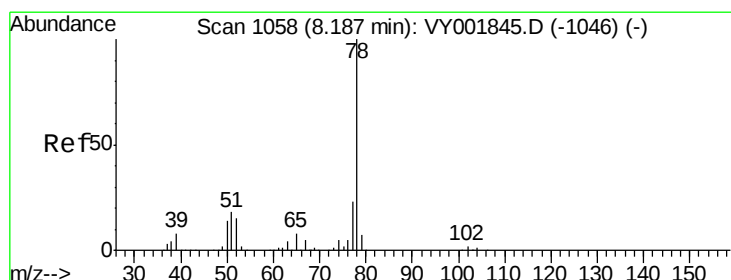
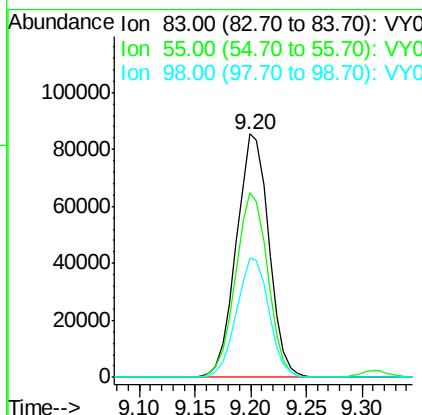
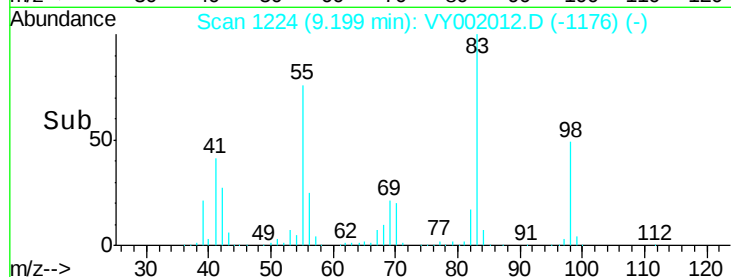
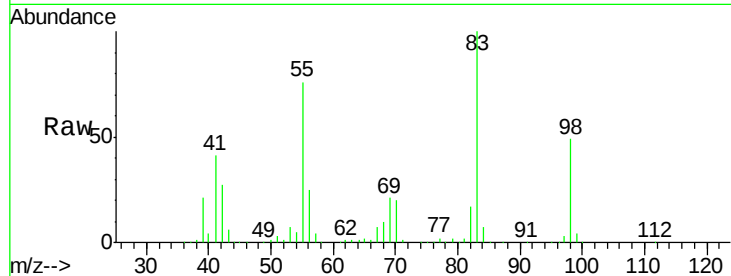
#39
Methvlcvclohexane
Concen: 46.609 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	173161
Ion Ratio	100	Lower	Upper
83	100		
55	76.0	59.4	89.0
98	48.9	38.9	58.3

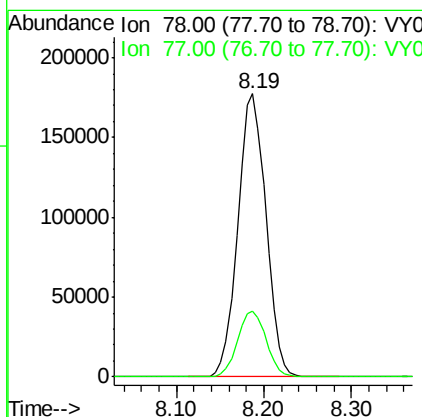
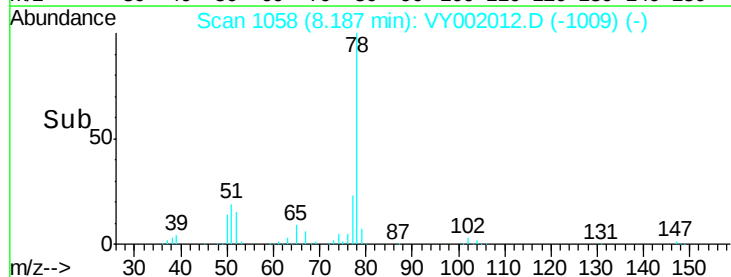
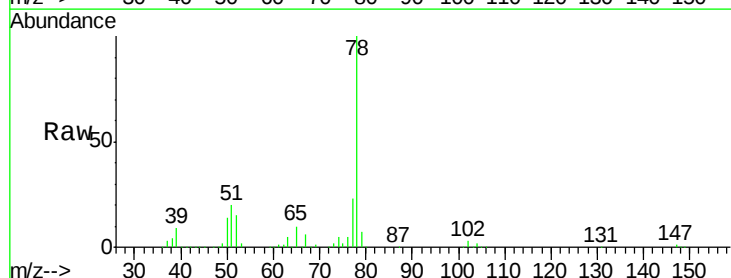
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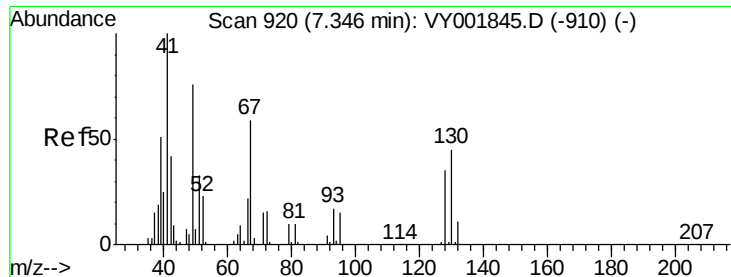
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#40
Benzene
Concen: 47.679 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	78	Resp	395854
Ion Ratio	100	Lower	Upper
78	100		
77	23.3	18.7	28.1





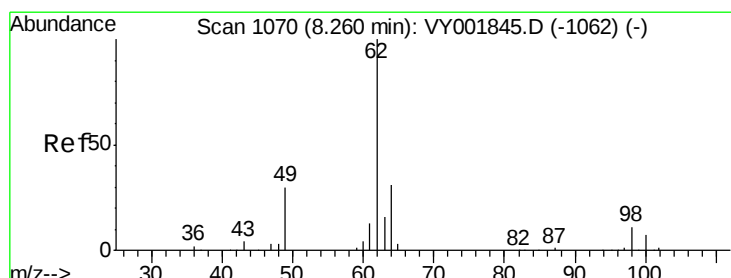
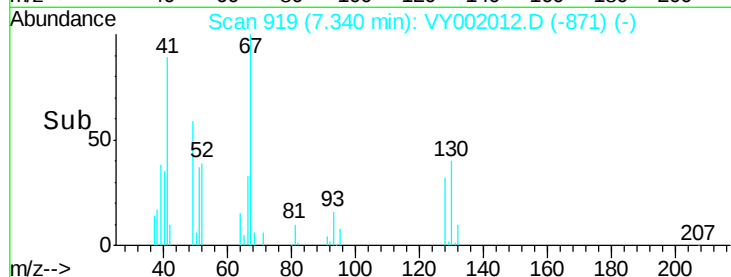
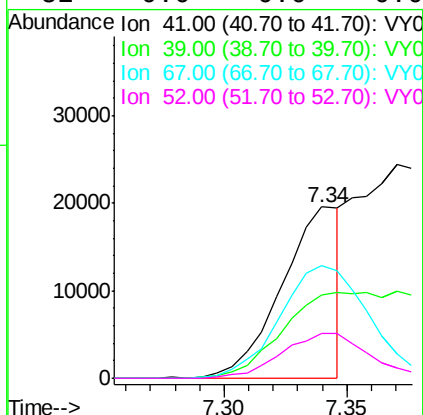
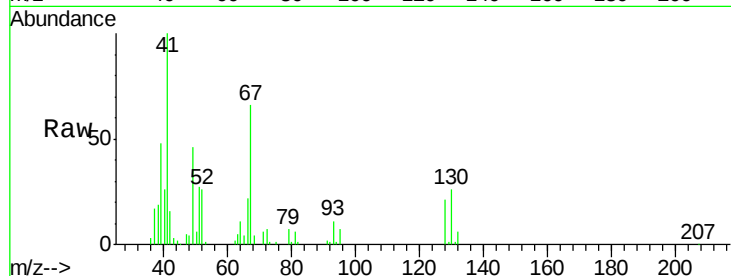
#41
Methacrylonitrile
Concen: 44.577 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	32660
Ion	Ratio	Lower	Upper
41	100		
39	82.5	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

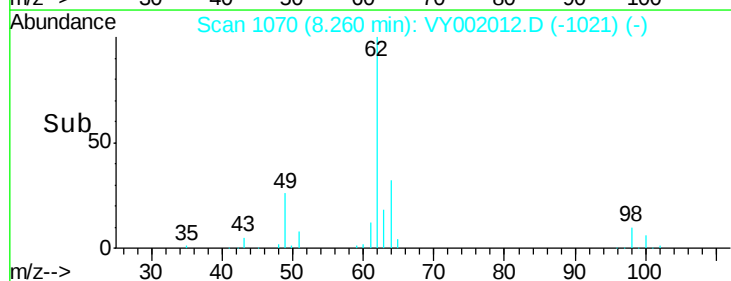
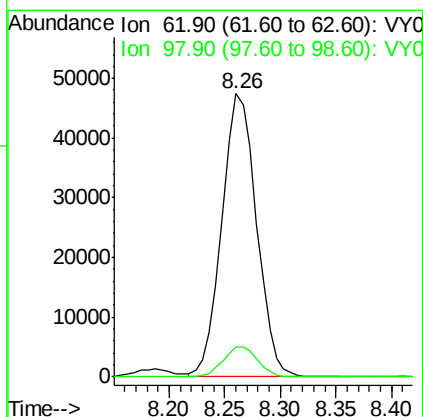
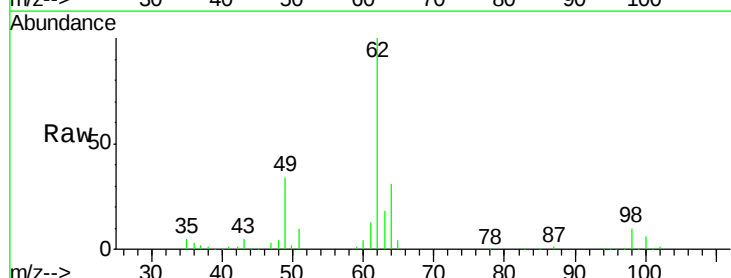
Manual Integrations
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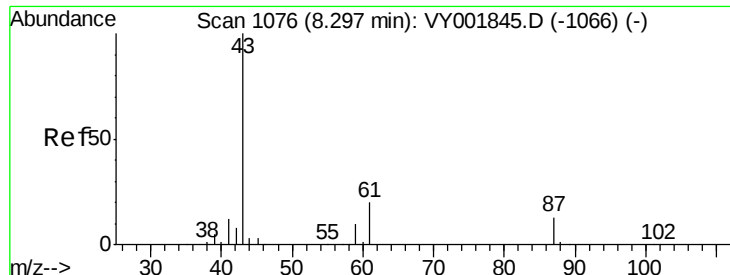
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#42
1,2-Dichloroethane
Concen: 47.916 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion:	62	Resp:	102512
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





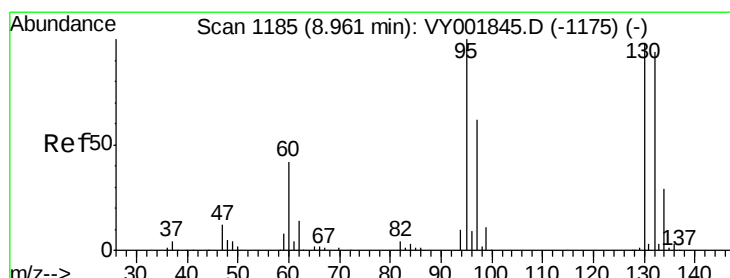
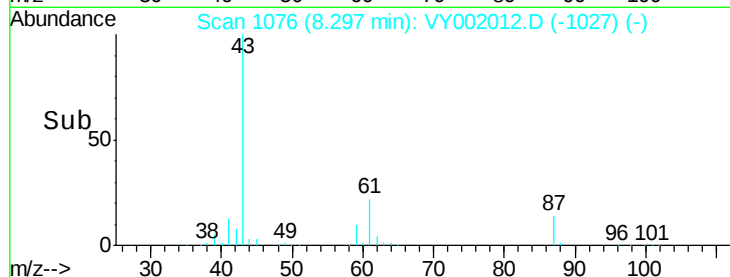
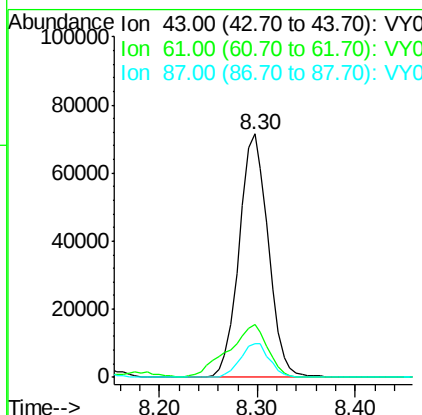
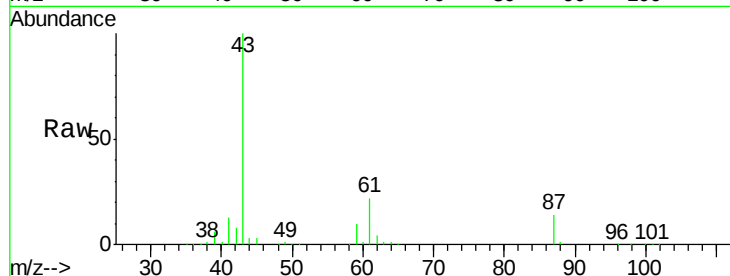
#43
Isopropyl Acetate
Concen: 47.769 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	87
Resp	147238		
Ratio	100	29.5	13.8
Lower		23.8	10.9
Upper		35.6	16.3

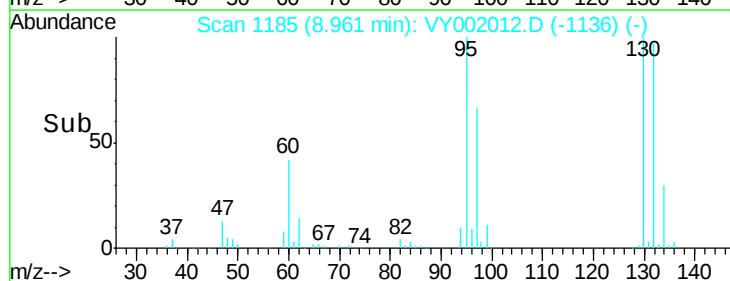
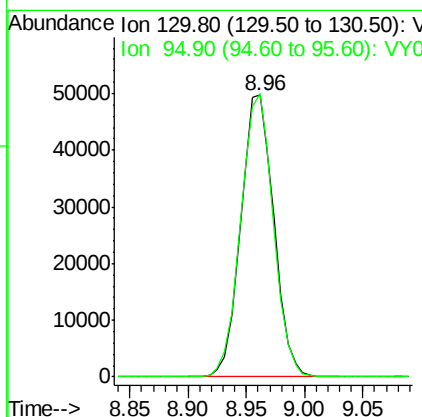
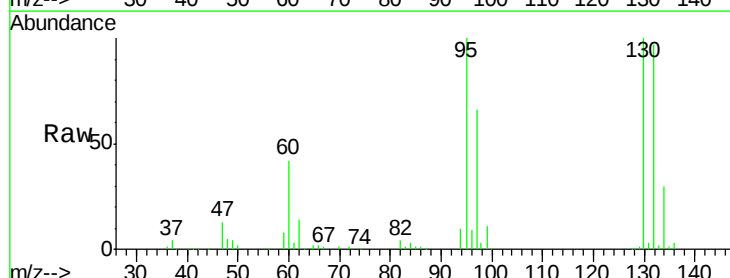
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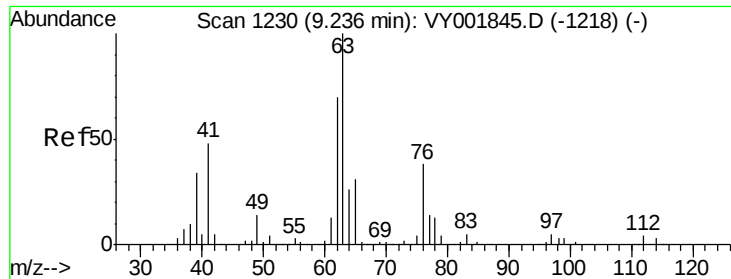
MMDadoda
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#44
Trichloroethene
Concen: 48.572 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	130	95
Resp	98213	
Ratio	100	100.5
Lower		0.0
Upper		204.6





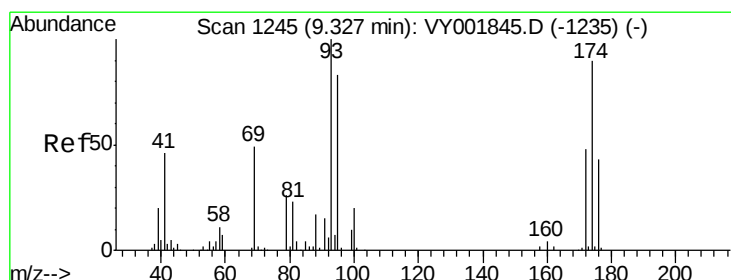
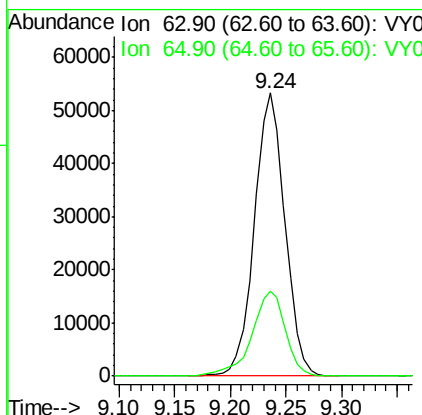
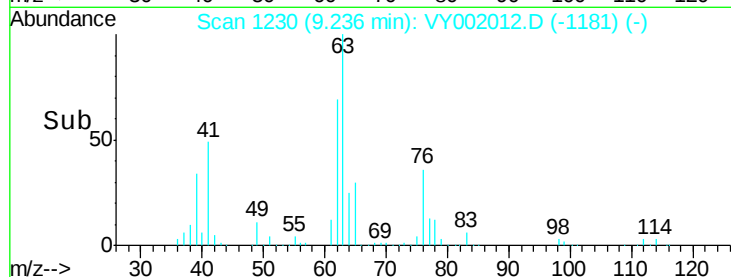
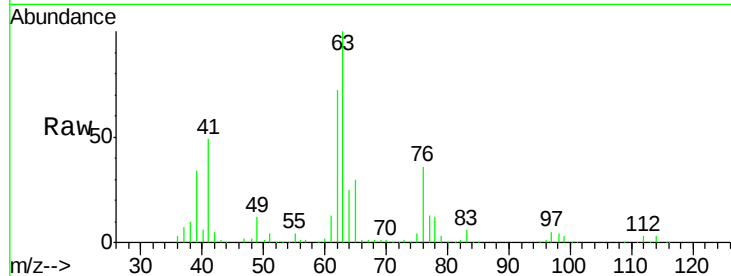
#45
 1,2-Dichloropropane
 Concen: 48.840 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 101934
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.9 37.3

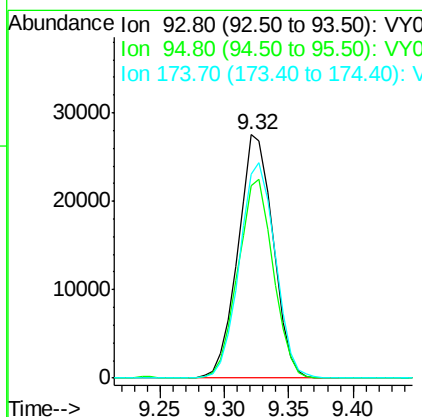
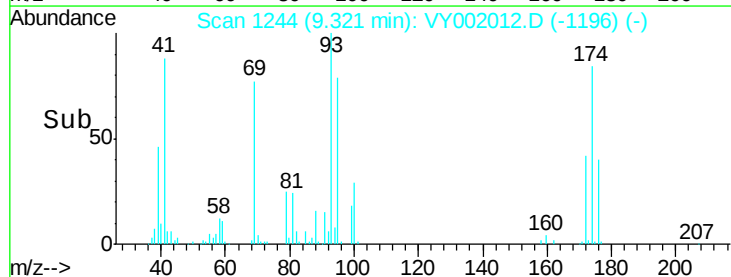
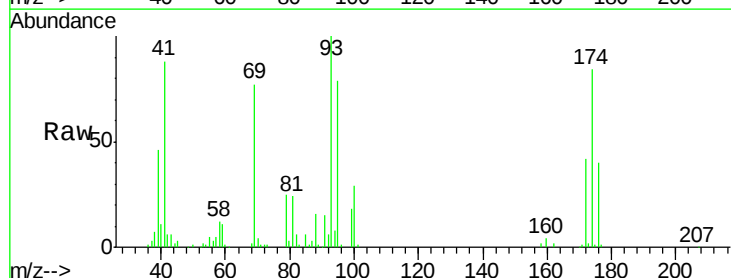
Manual Integrations
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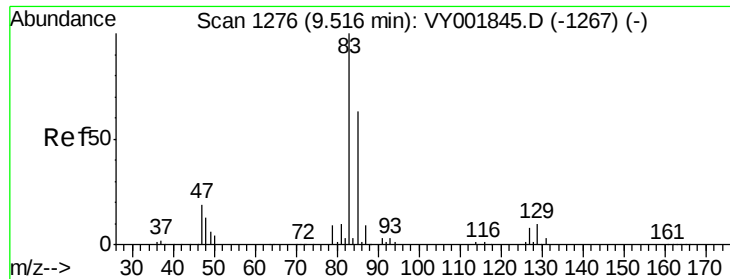
MMDadoda
 3/20/2020 12:06:12 PM



#46
 Dibromomethane
 Concen: 48.310 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion: 93 Resp: 51960
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.0 100.4
 174 89.8 71.8 107.8





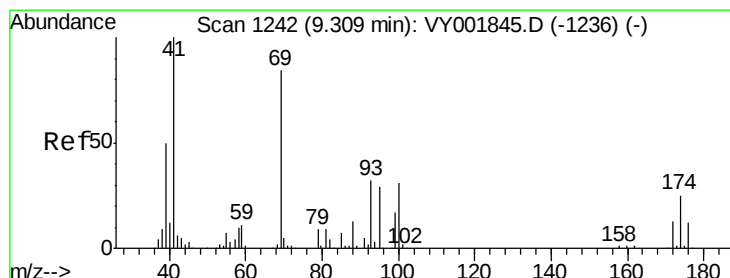
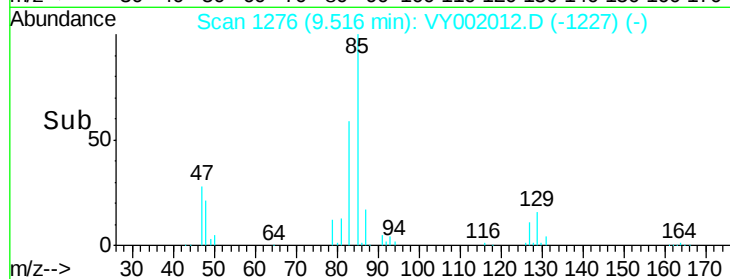
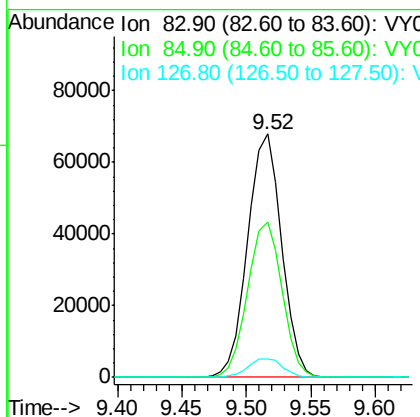
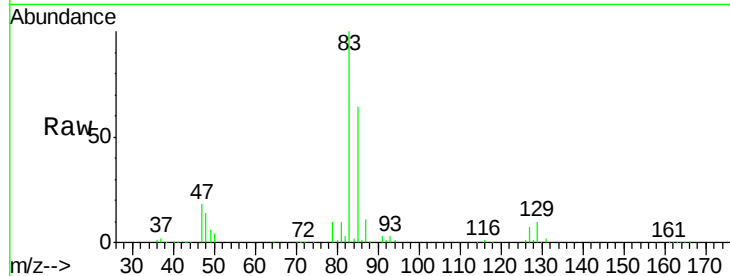
#47
Bromodichloromethane
Concen: 49.407 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	123613
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	50.6	76.0
127	7.3	6.2	9.4

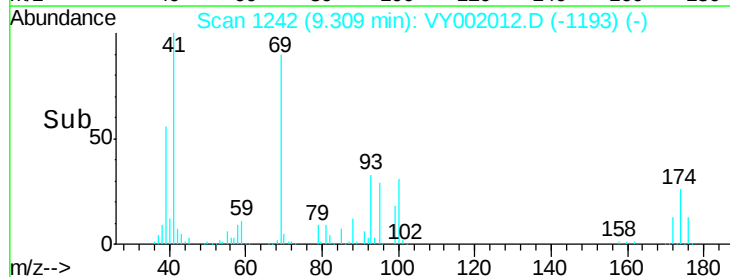
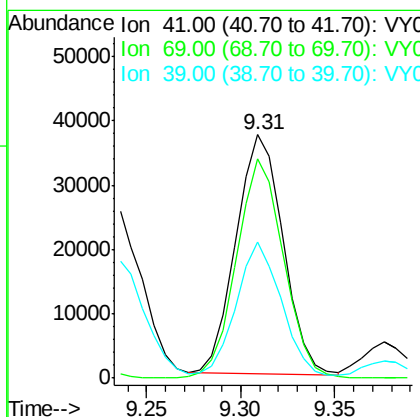
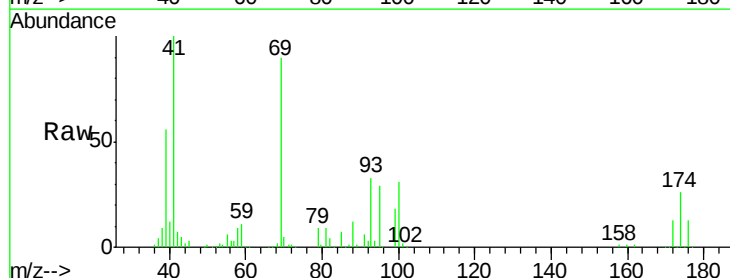
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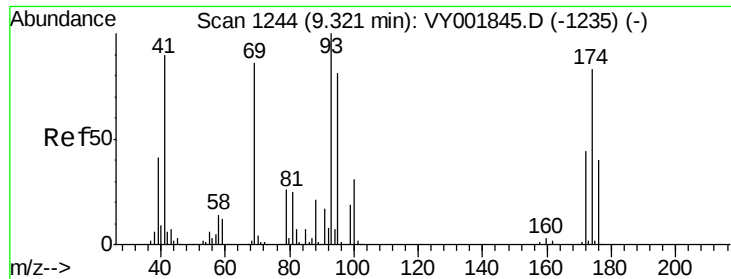
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#48
Methyl methacrylate
Concen: 47.189 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	41	Resp	64541
Ion Ratio	100	Lower	Upper
41	100		
69	91.8	69.0	103.6
39	52.7	39.1	58.7





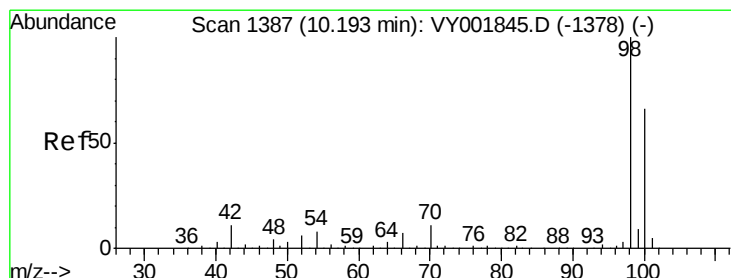
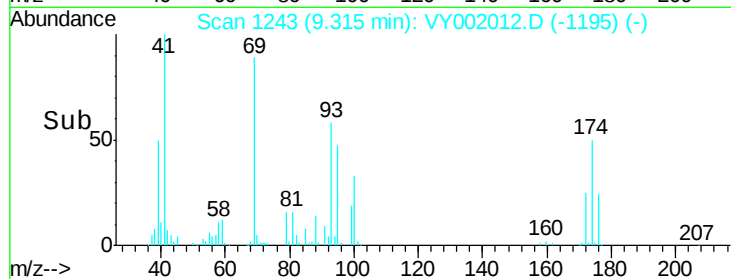
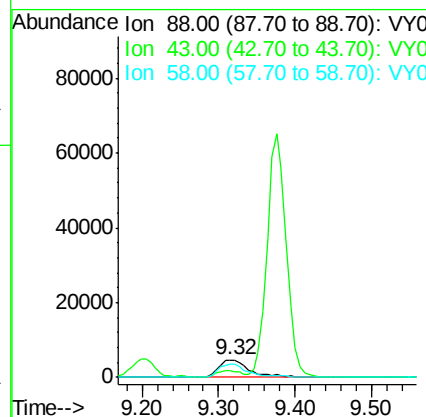
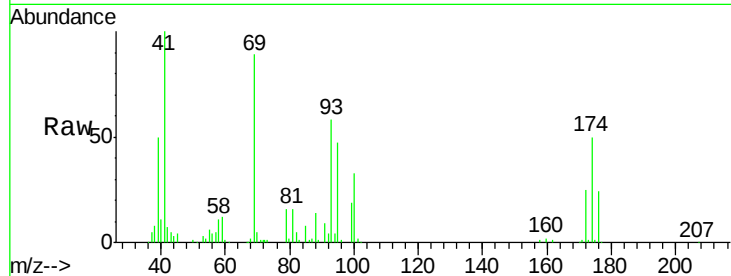
#49
1,4-Dioxane
Concen: 885.152 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.0	37.6
58	69.6	58.9	88.3

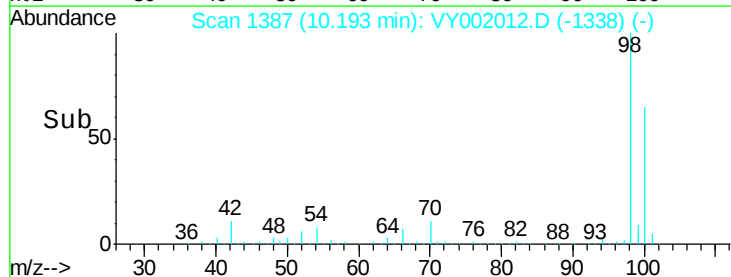
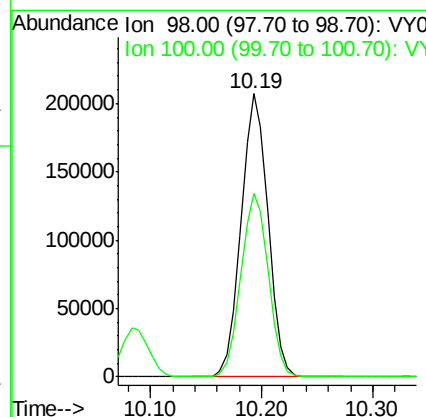
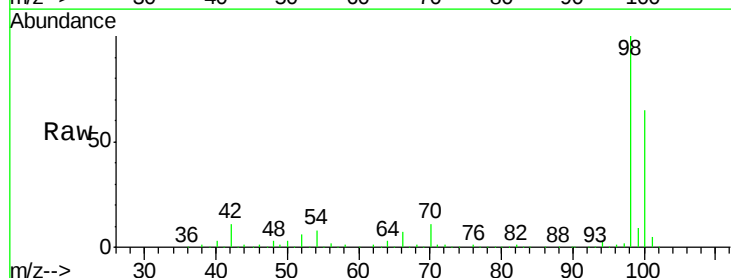
Manual Integrations
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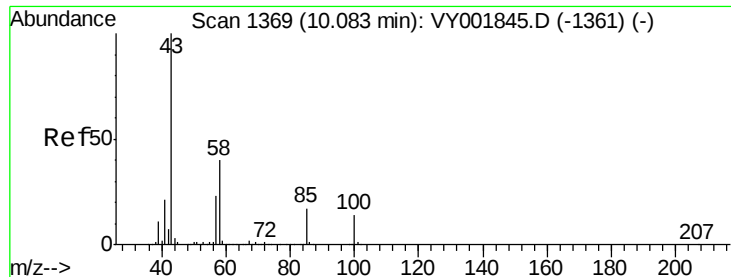
MMDadoda
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#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





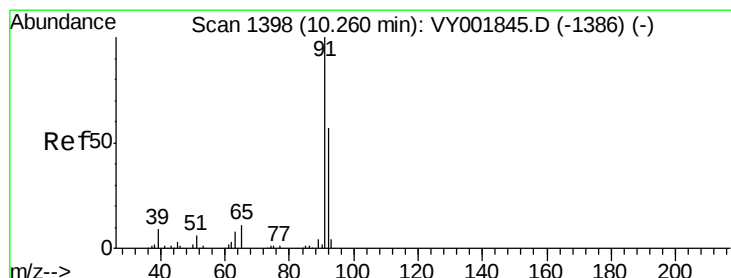
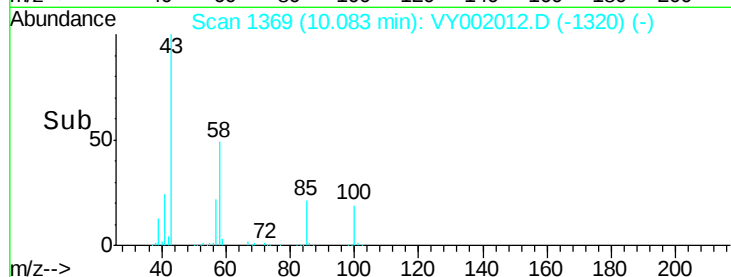
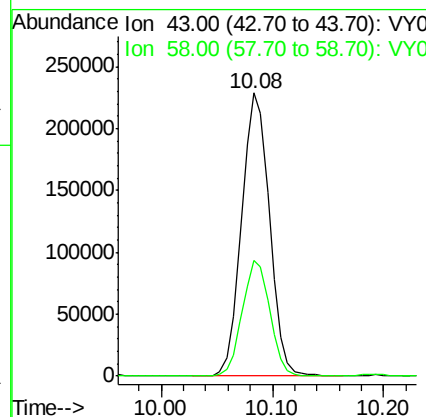
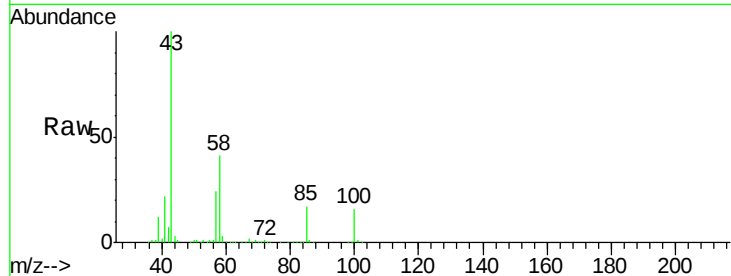
#51
4-Methyl-2-Pentanone
Concen: 249.165 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
395575	100	40.5		32.0	48.0

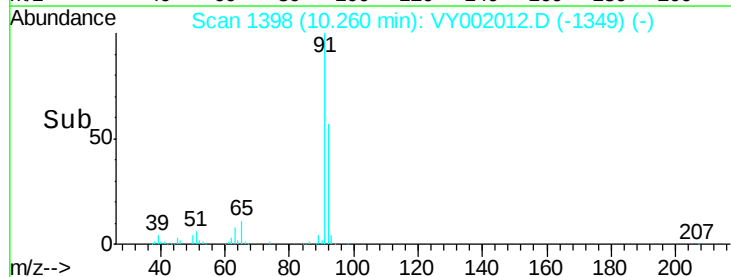
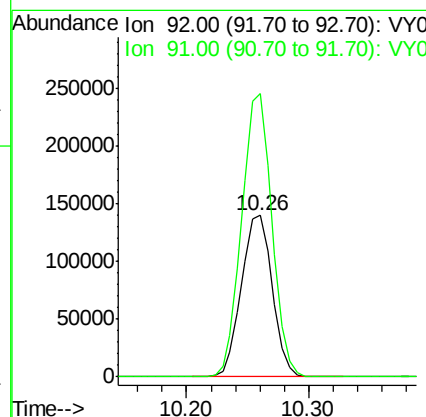
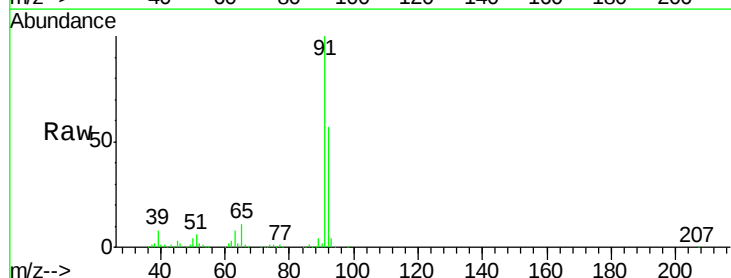
Manual Integrations
APPROVED

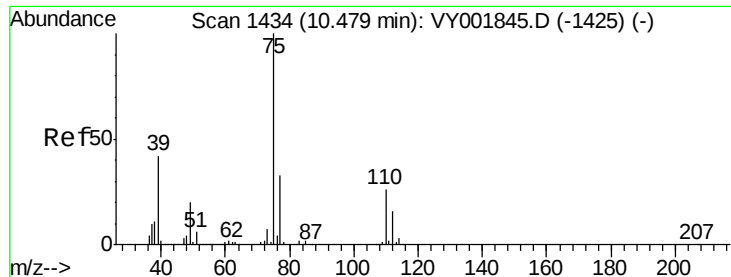
MMDadoda
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#52
Toluene
Concen: 48.472 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	92	91	Ratio	Lower	Upper
244475	100	171.6		138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 50.382 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 137330

Ion Ratio Lower Upper

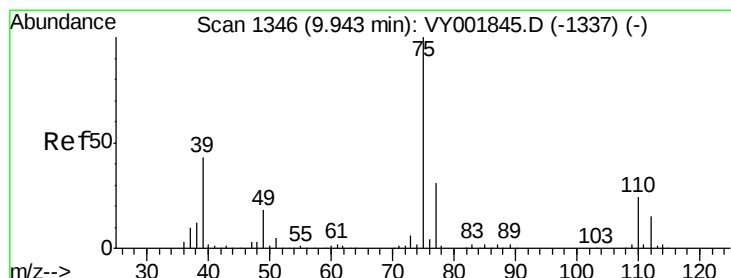
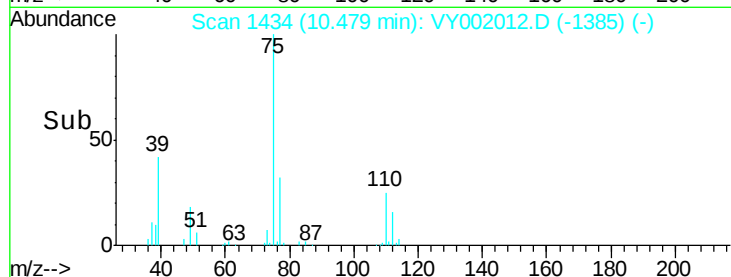
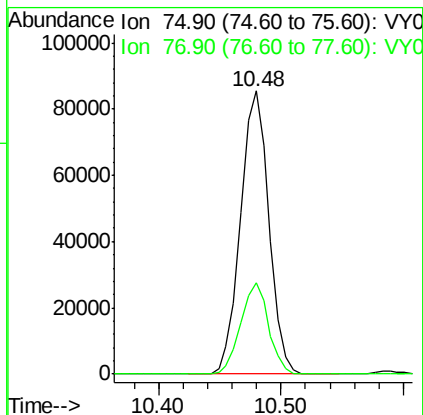
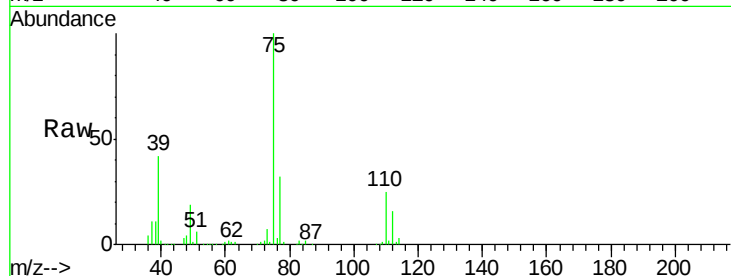
75 100

77 32.3 26.3 39.5

Manual Integrations
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3/20/2020 12:06:12 PM



#54

cis-1,3-Dichloropropene

Concen: 49.600 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

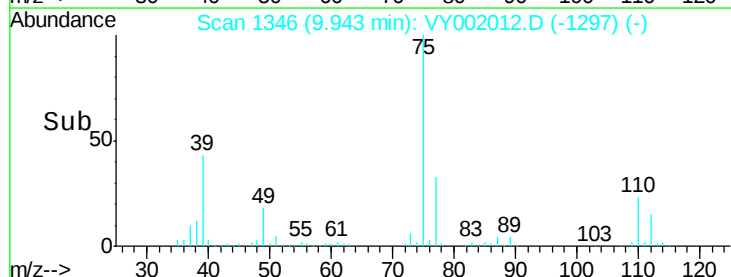
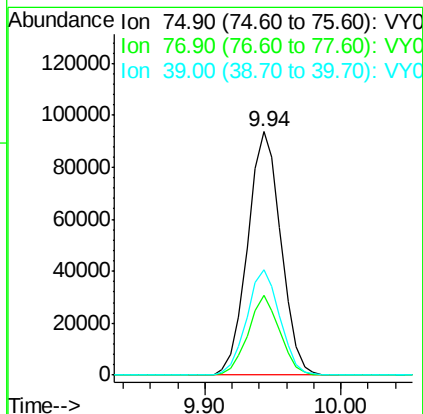
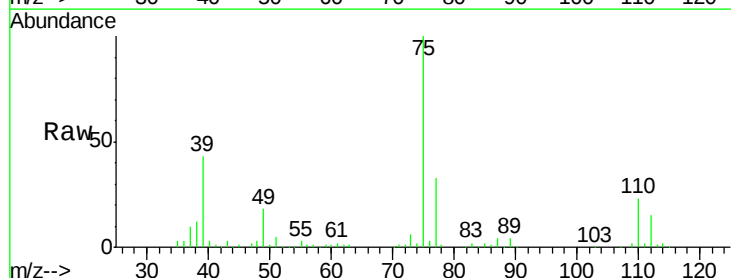
Tgt Ion: 75 Resp: 160950

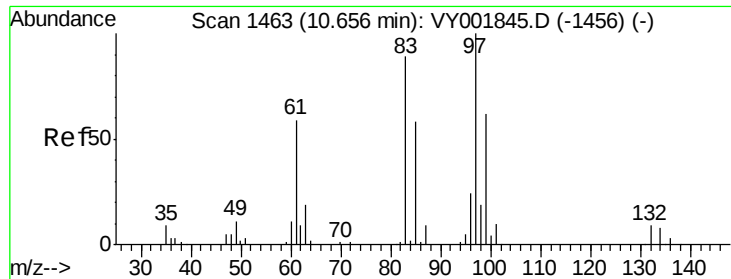
Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7

39 43.4 34.7 52.1





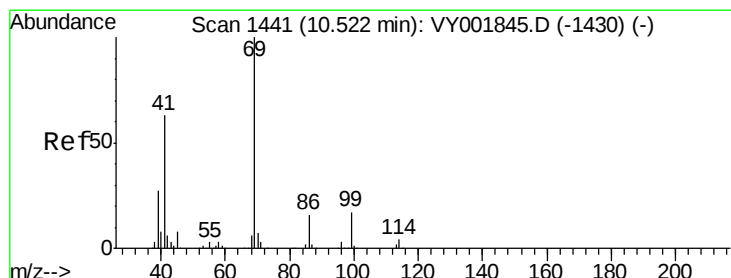
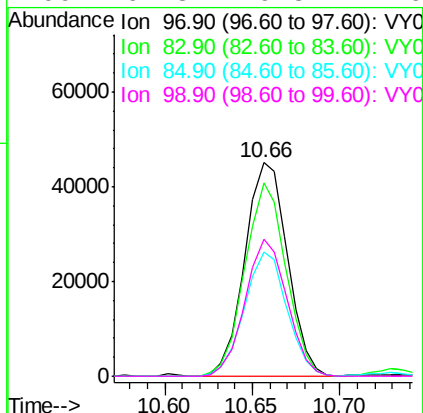
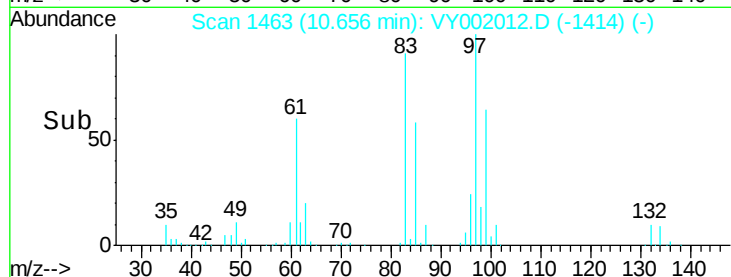
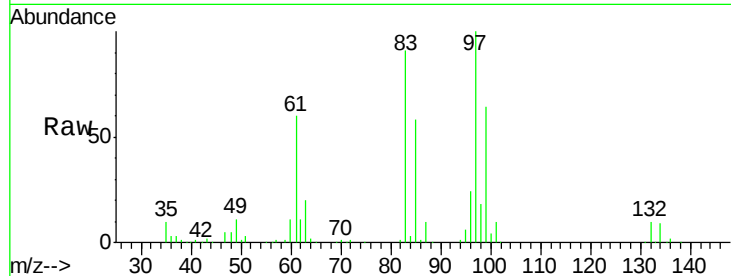
#55
 1,1,2-Trichloroethane
 Concen: 48.760 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	76751
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.6	107.4
85	58.0	46.6	69.8
99	64.3	49.8	74.6

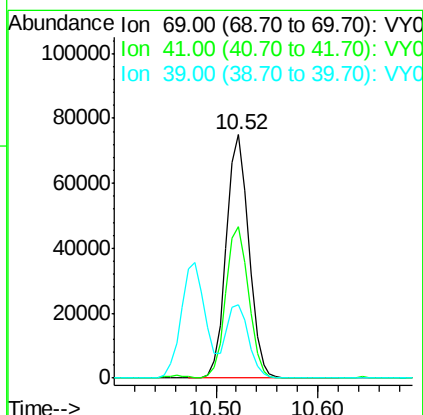
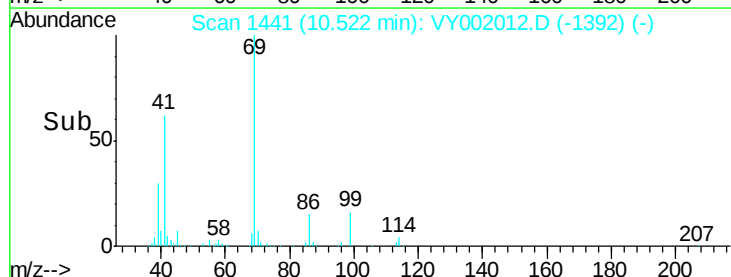
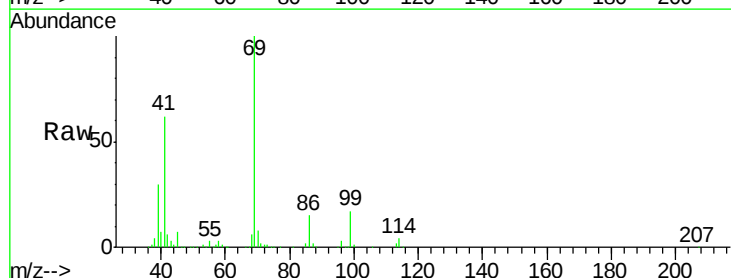
Manual Integrations
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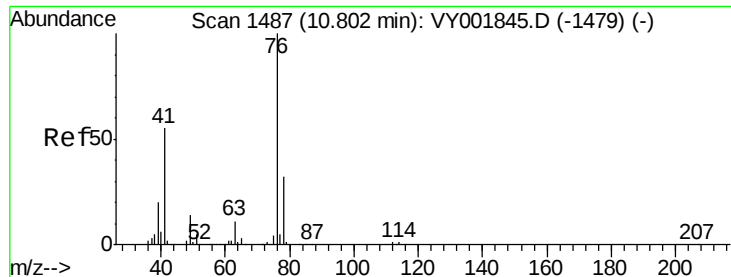
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#56
 Ethyl methacrylate
 Concen: 49.623 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion:	69	Resp:	114488
Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.9	74.9
39	28.7	23.0	34.6





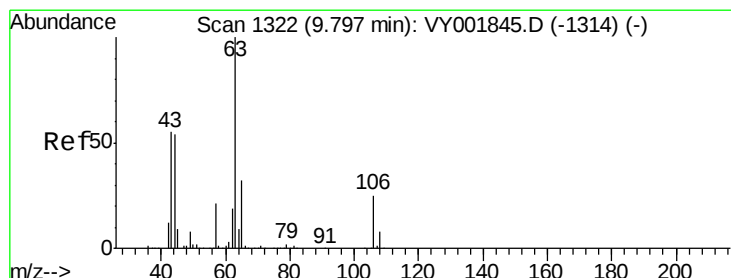
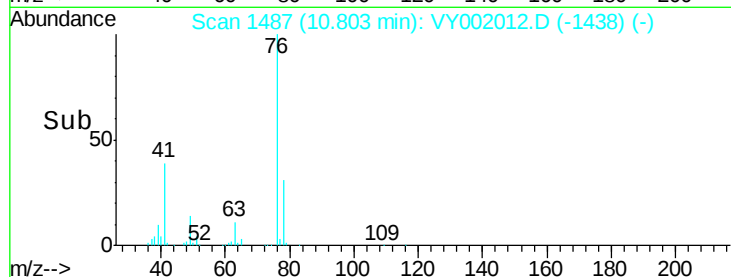
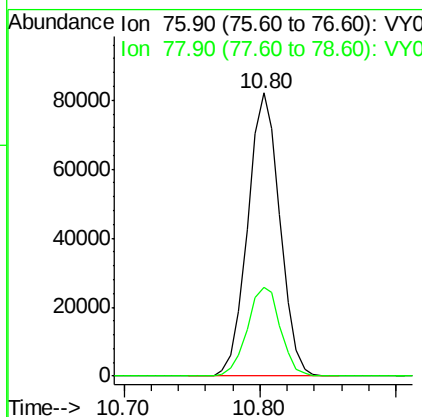
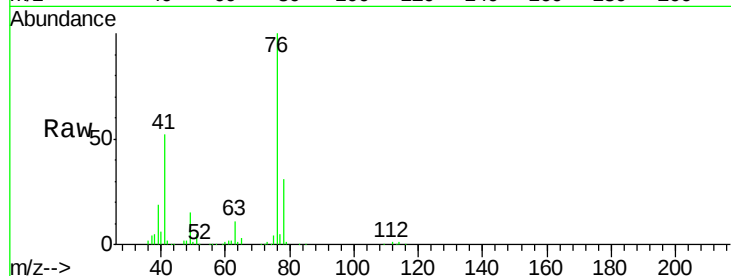
#57
 1,3-Dichloropropane
 Concen: 48.457 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

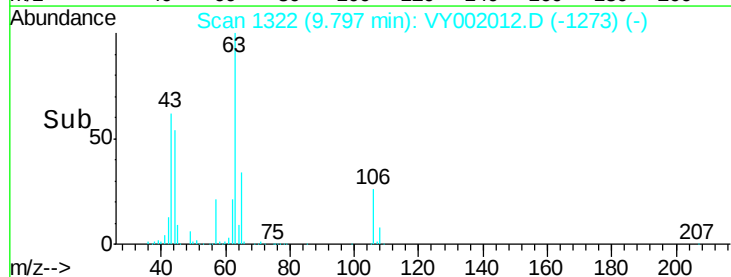
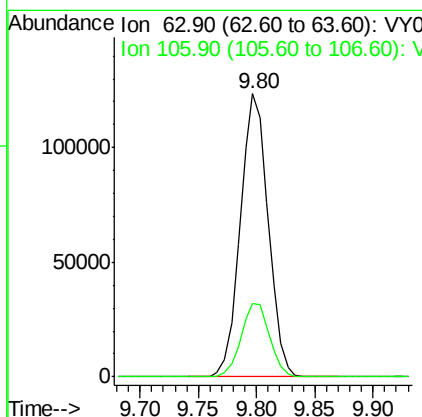
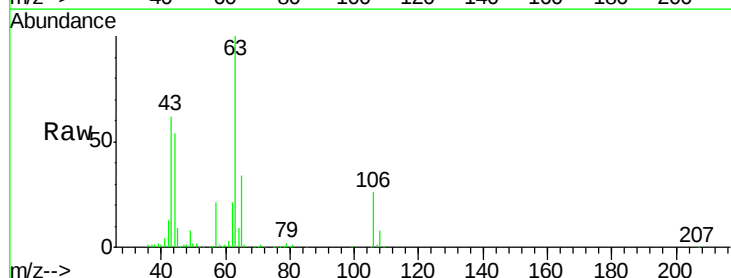
Manual Integrations
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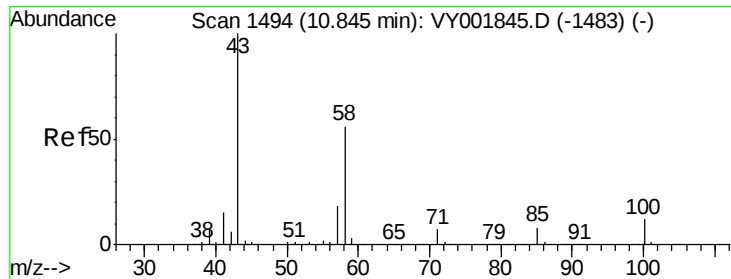
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 3/20/2020 12:06:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.278 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.3	31.9





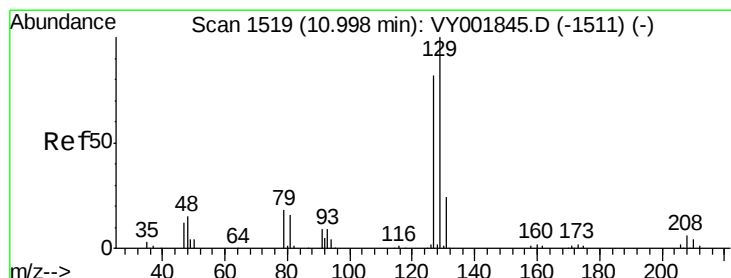
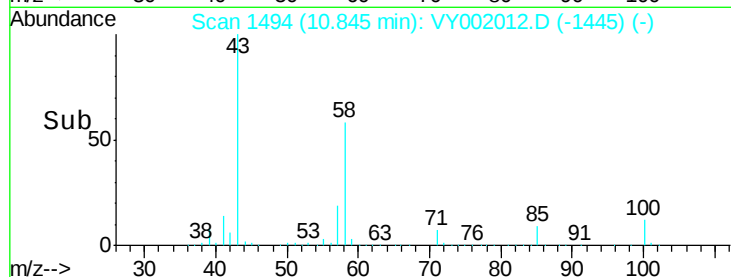
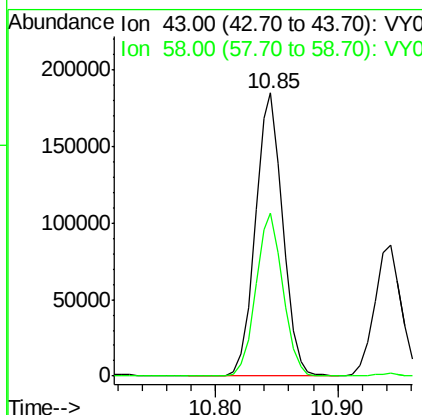
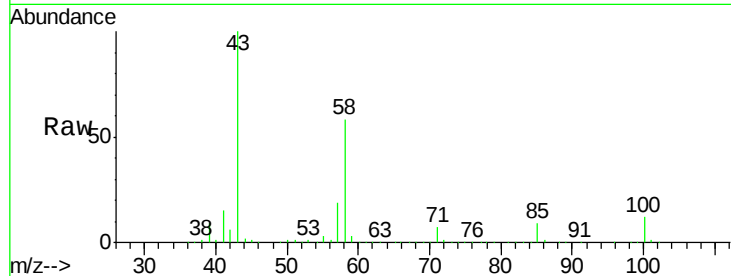
#59
2-Hexanone
Concen: 253.534 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 287295
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3

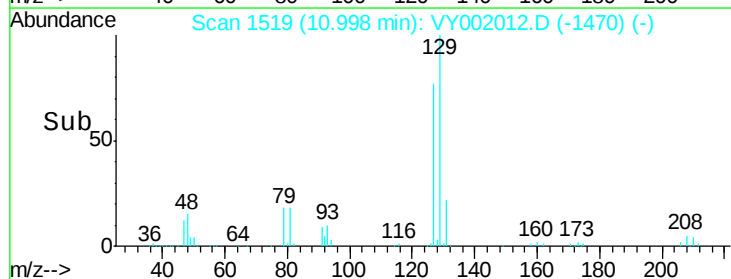
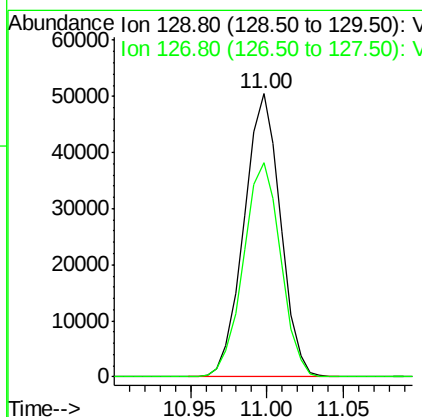
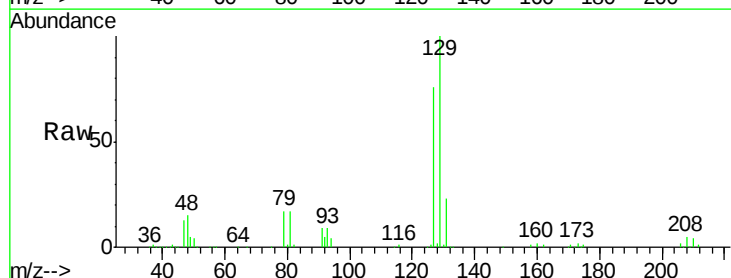
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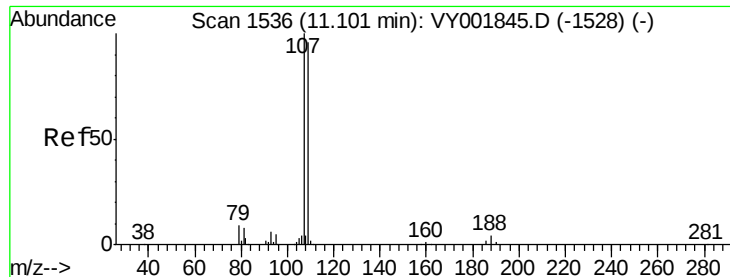
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#60
Dibromochloromethane
Concen: 50.390 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion: 129 Resp: 83578
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





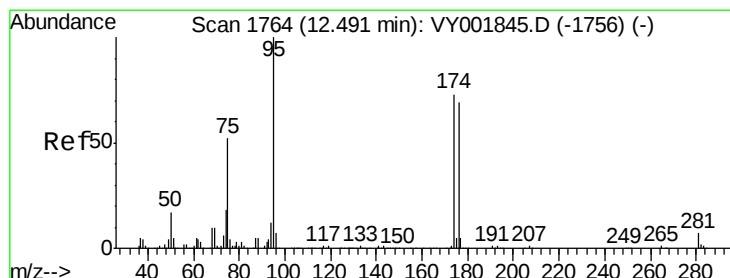
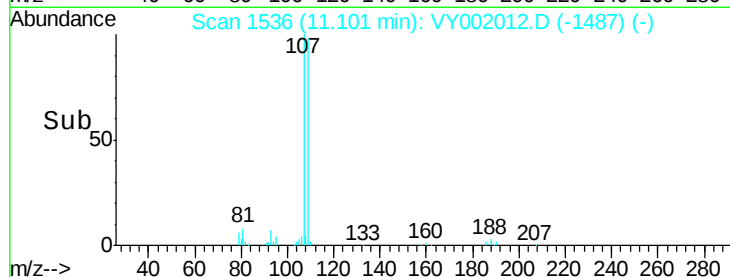
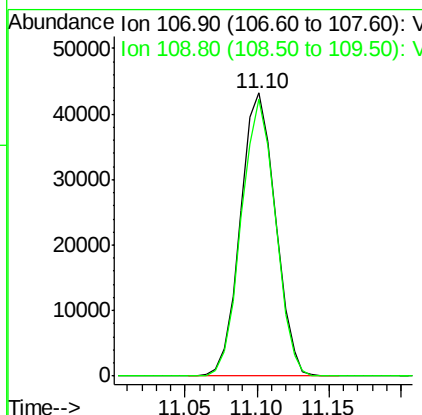
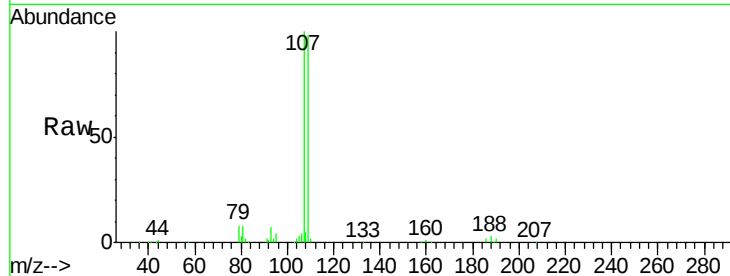
#61
 1,2-Dibromoethane
 Concen: 48.825 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 72799
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.4 113.0

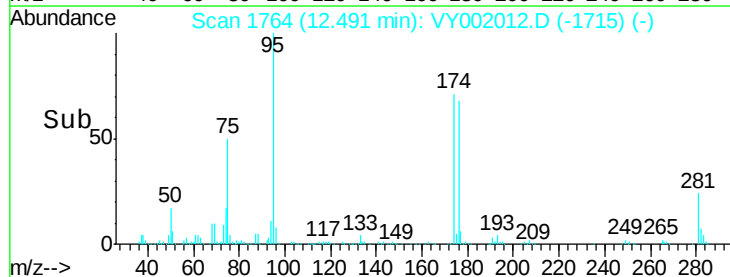
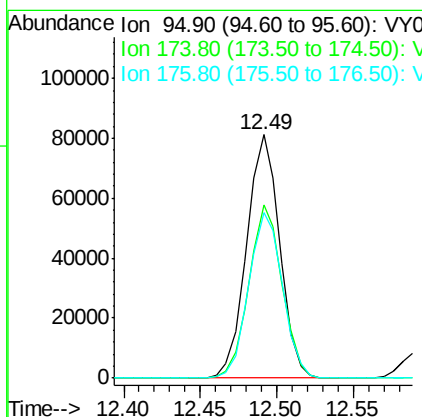
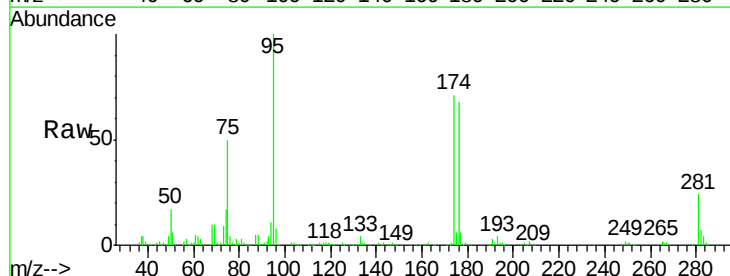
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#62
 4-Bromofluorobenzene
 Concen: 52.212 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion: 95 Resp: 121681
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 145.0
 176 69.4 0.0 137.4





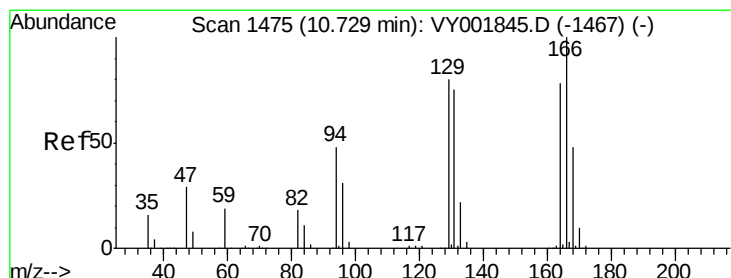
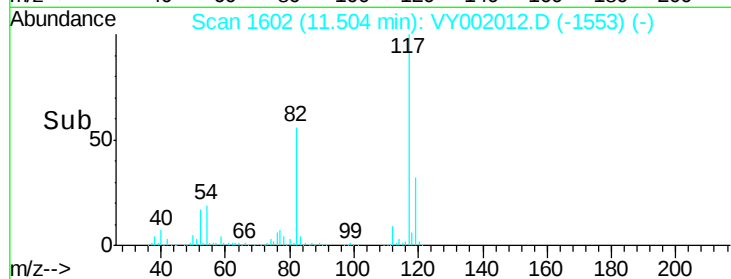
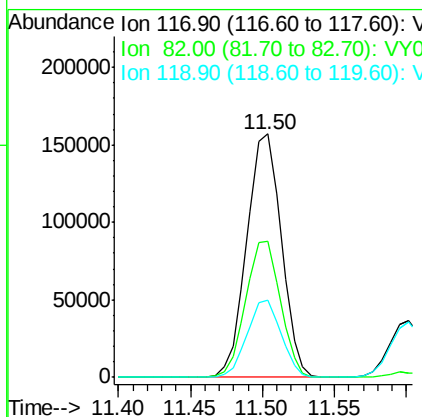
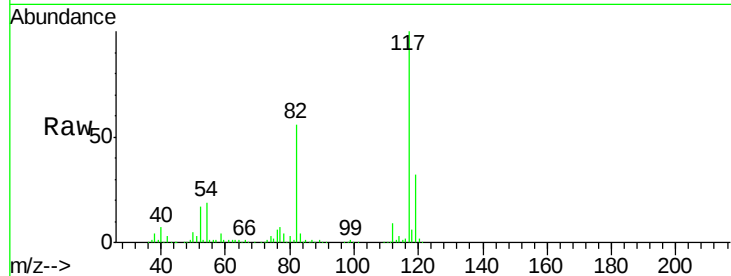
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.5	66.7
119	31.8	25.7	38.5

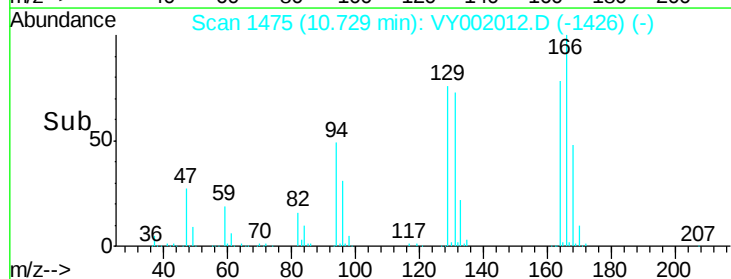
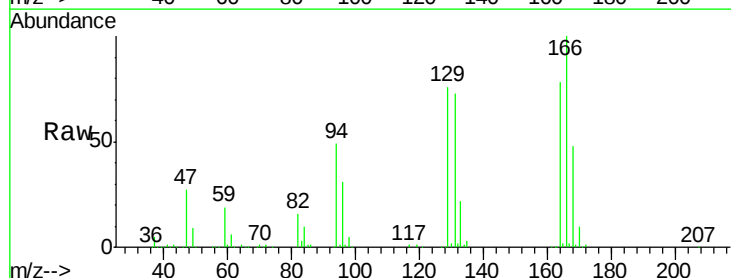
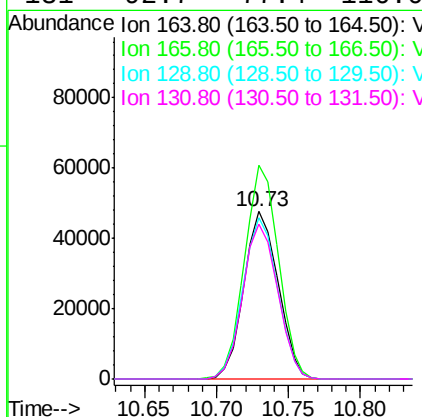
Manual Integrations
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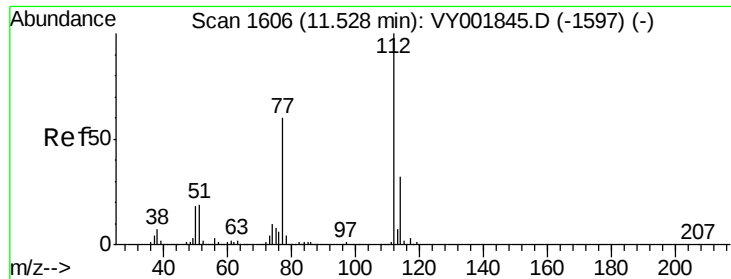
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#64
Tetrachloroethene
Concen: 47.854 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.6	154.0
129	96.6	82.3	123.5
131	92.7	77.4	116.0





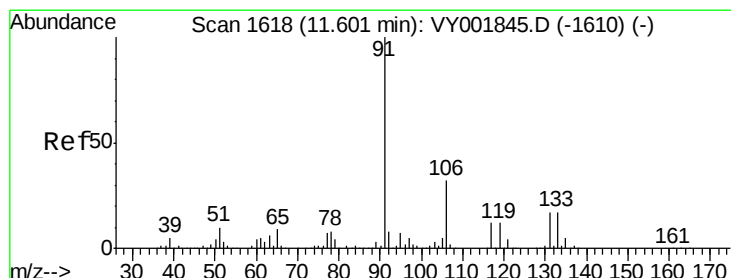
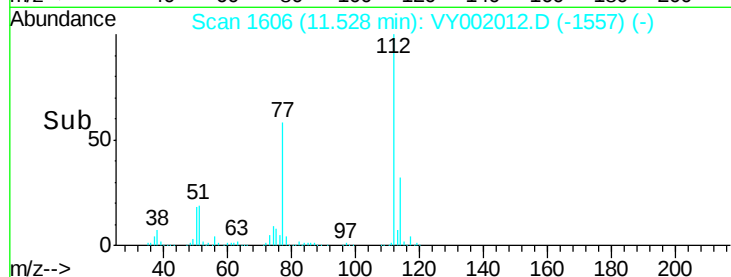
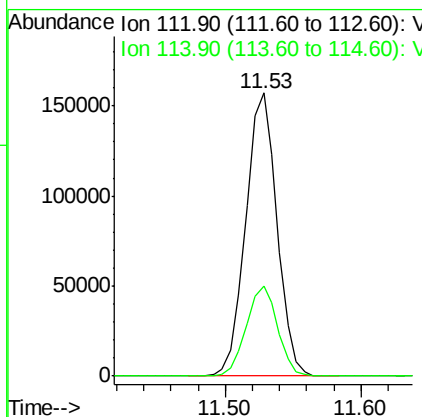
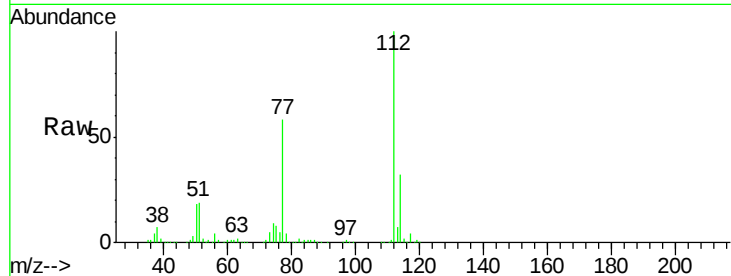
#65
Chlorobenzene
Concen: 48.510 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 252650
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9

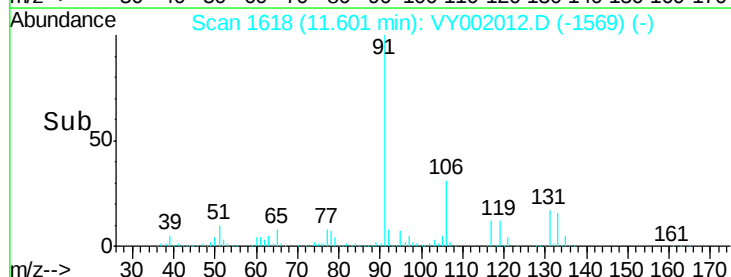
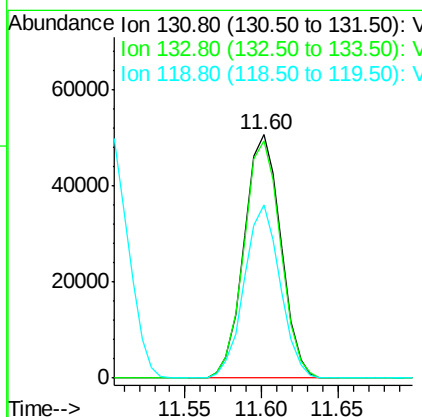
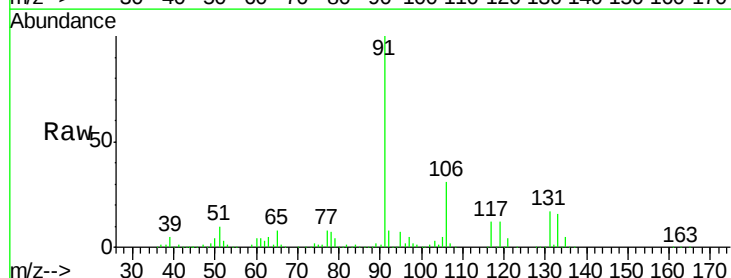
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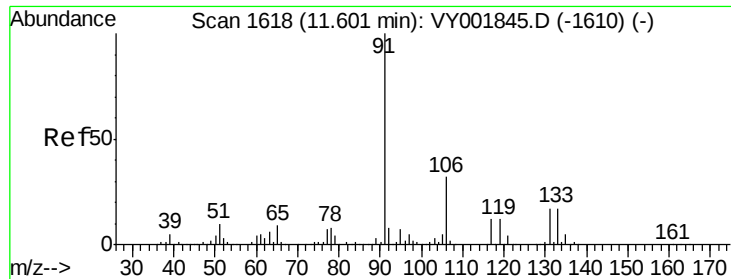
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.652 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion:131 Resp: 84802
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.3
119 69.5 34.5 103.6





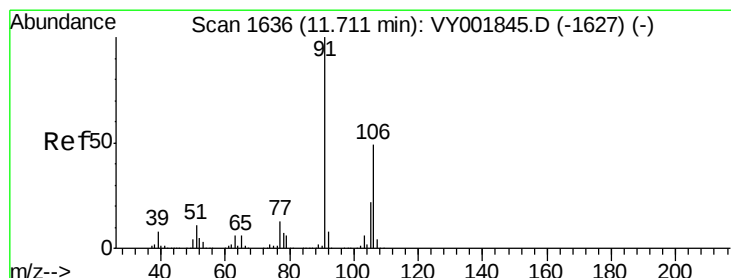
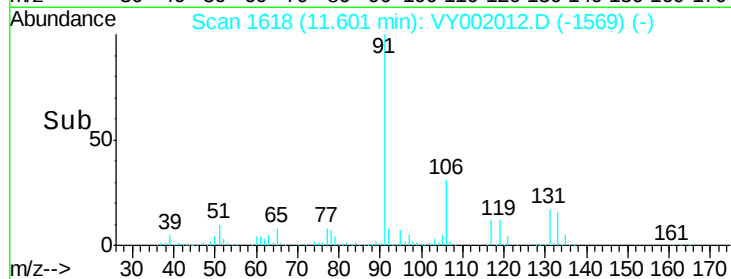
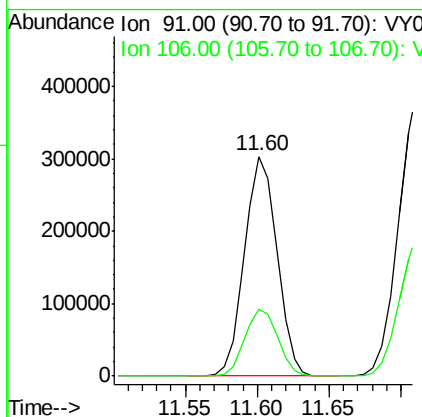
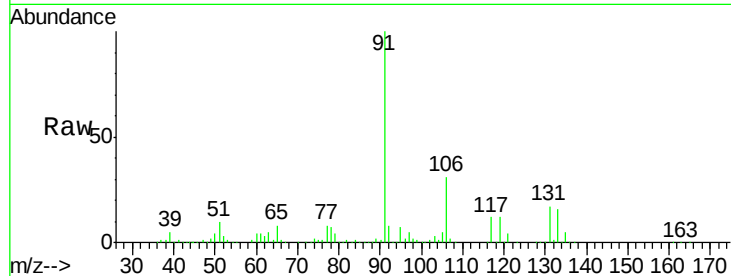
#67
Ethyl Benzene
Concen: 48.614 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 472200
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

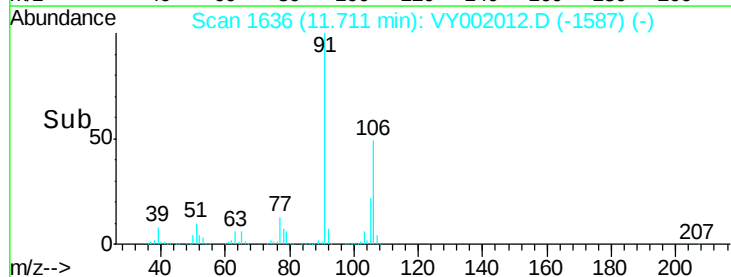
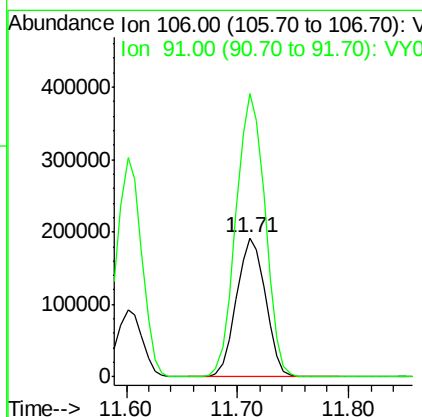
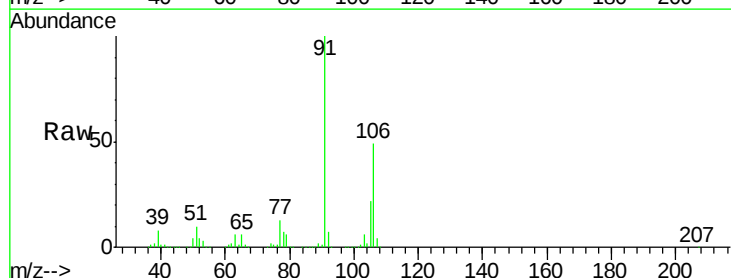
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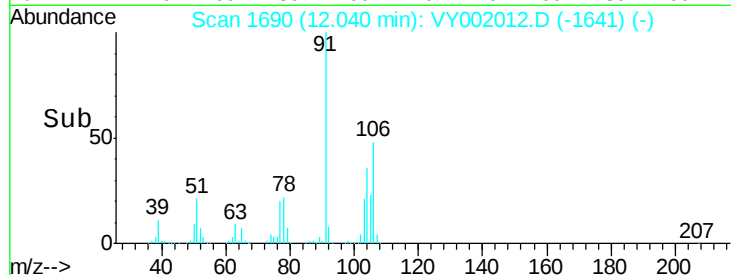
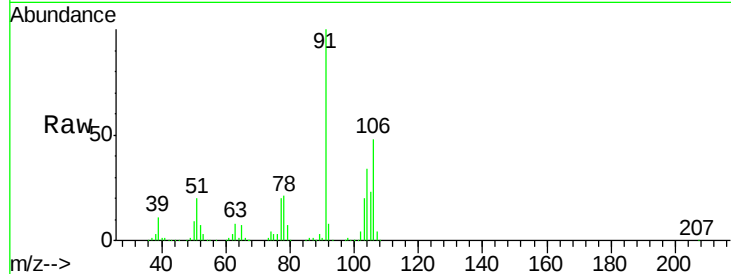
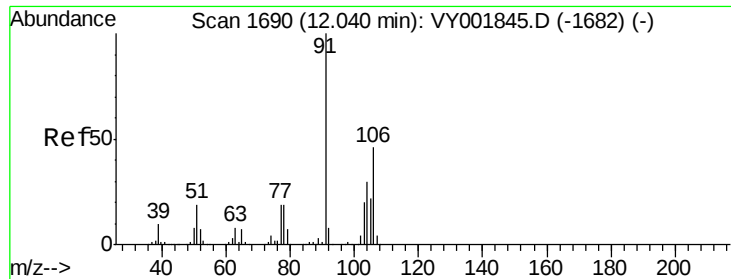
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#68
m/p-Xylenes
Concen: 96.787 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion: 106 Resp: 347571
Ion Ratio Lower Upper
106 100
91 203.5 161.3 241.9





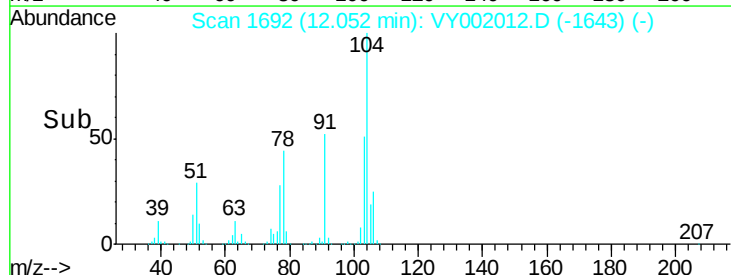
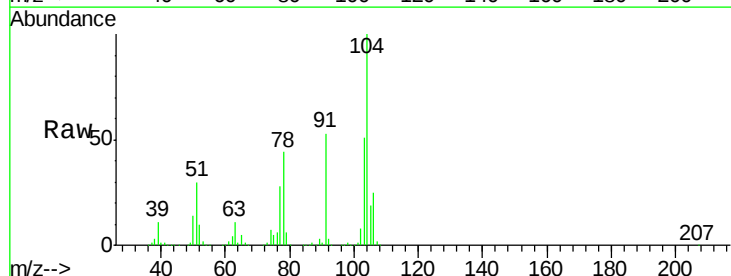
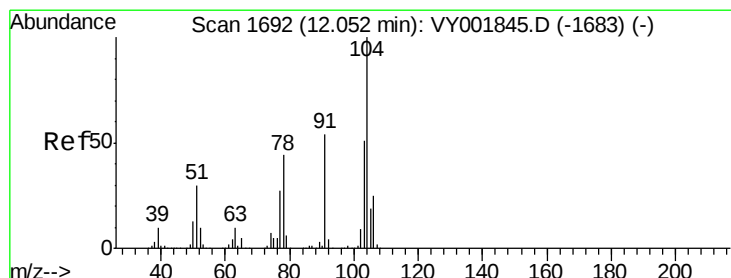
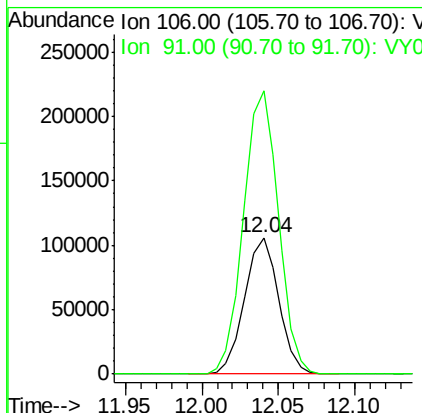
#69
o-Xylene
Concen: 48.710 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tot Ion:106 Resp: 164870
Ion Ratio Lower Upper
106 100
91 212.0 106.8 320.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

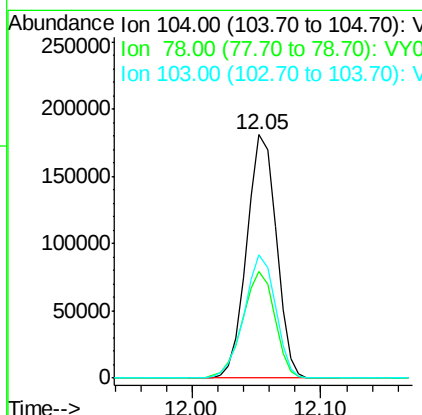
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#70
Styrene
Concen: 49.576 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion:104 Resp: 287392
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 53.5 42.9 64.3





#71

Bromoform

Concen: 51.222 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 47444

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

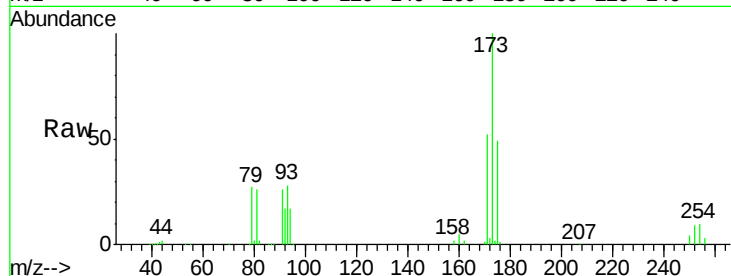
254 0.0 0.0 0.0

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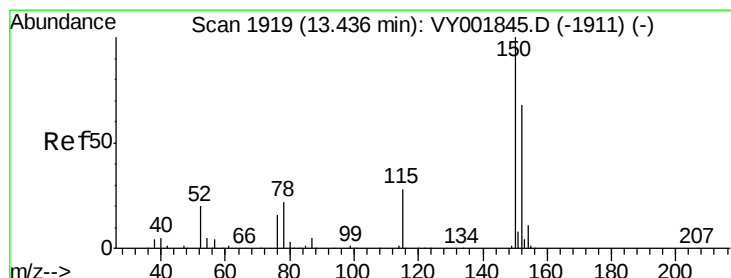
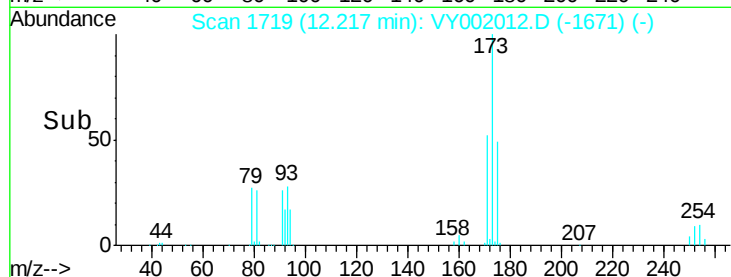
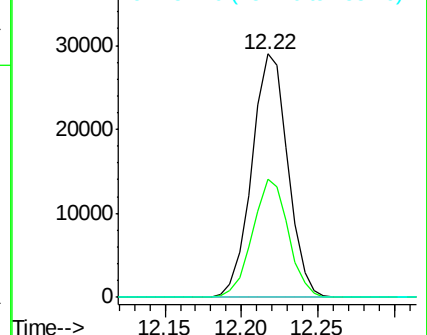
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY002012.D

Acq: 19 Mar 2020 11:20

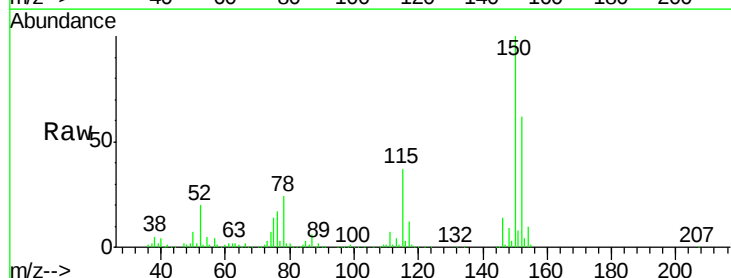
Tgt Ion:152 Resp: 121656

Ion Ratio Lower Upper

152 100

115 60.5 29.9 89.7

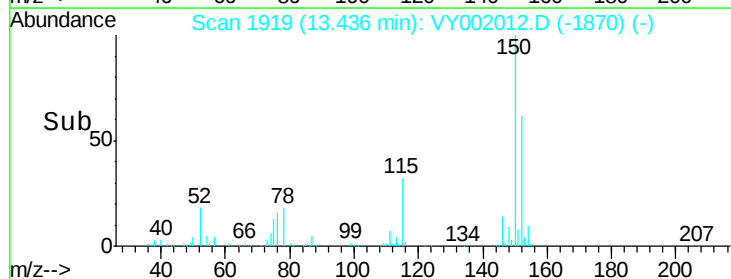
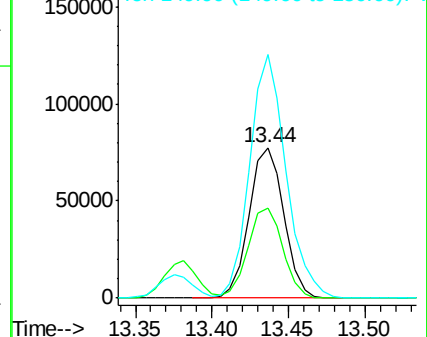
150 170.1 0.0 340.6



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





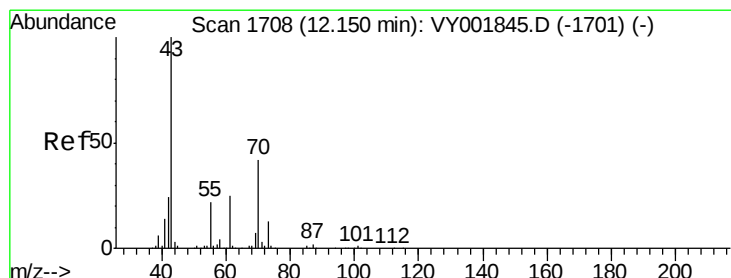
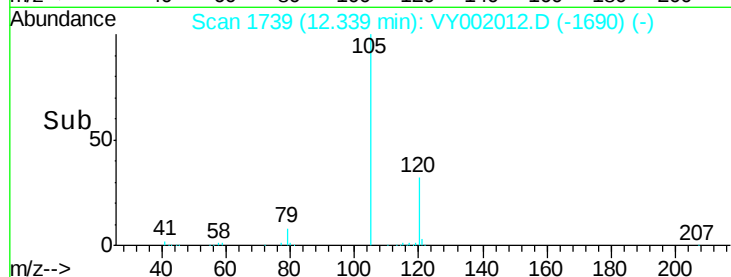
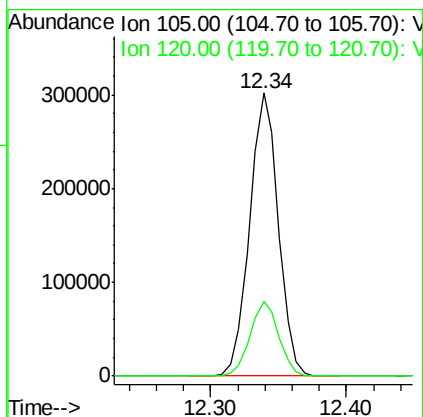
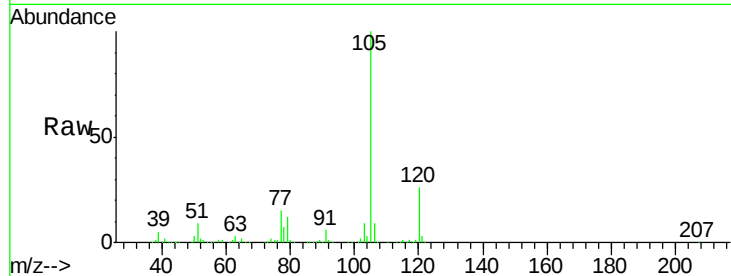
#73
Isopropylbenzene
Concen: 48.096 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

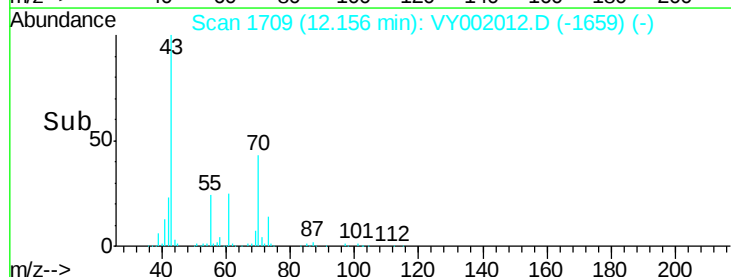
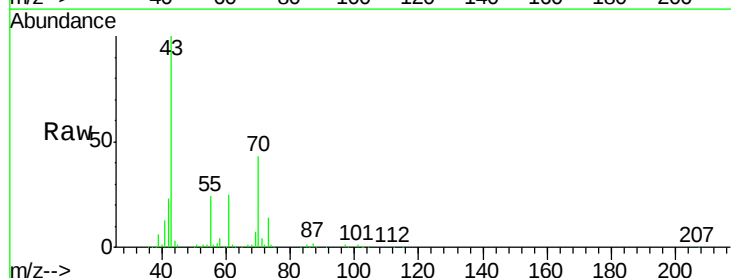
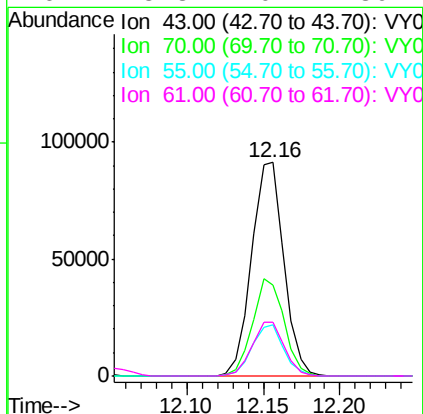
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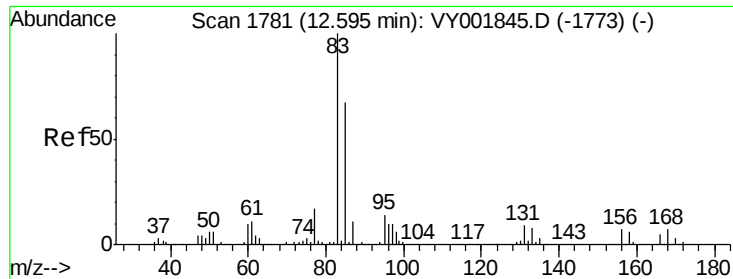
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#74
N-ethyl acetate
Concen: 46.960 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.6	34.7	52.1
55	23.6	18.2	27.4
61	25.3	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.302 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

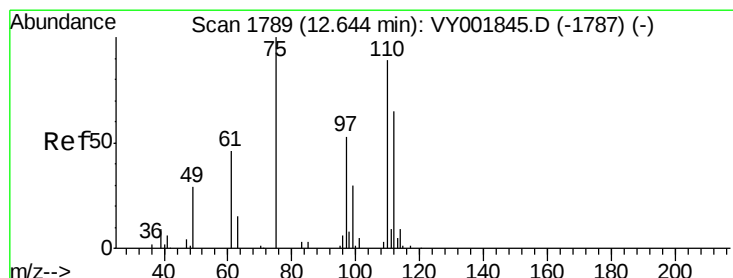
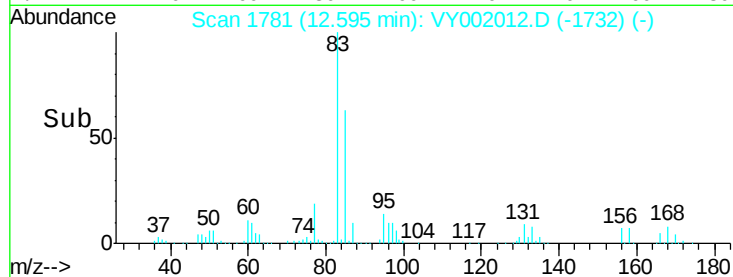
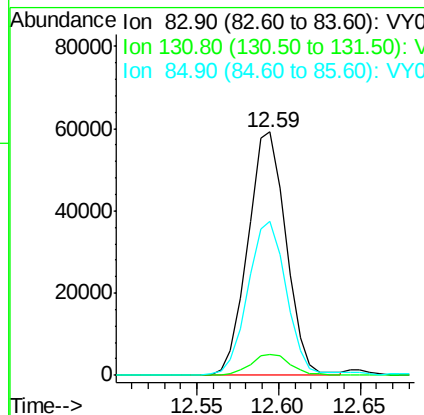
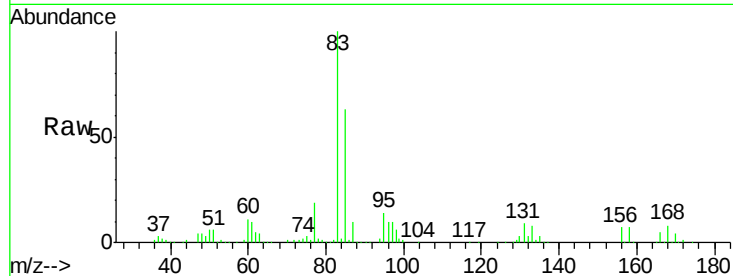
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	96734
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	63.4	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 45.133 ug/l m

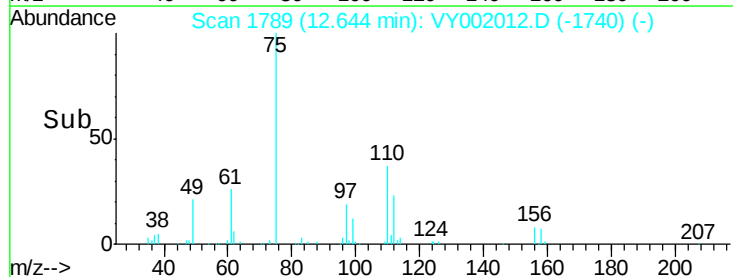
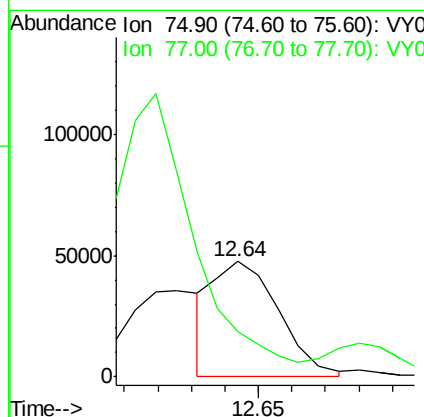
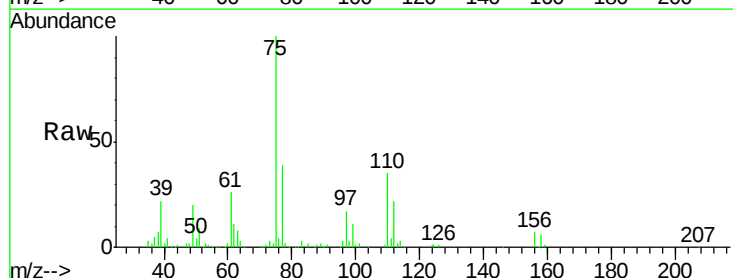
RT: 12.64 min Scan# 1789

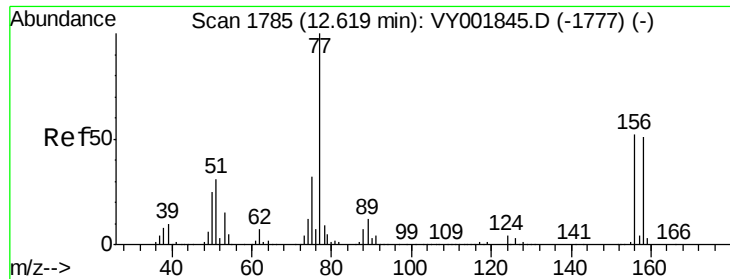
Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Tgt Ion:	75	Resp:	65151
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.820 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 96058

Ion Ratio Lower Upper

156 100

77 210.5 109.0 327.0

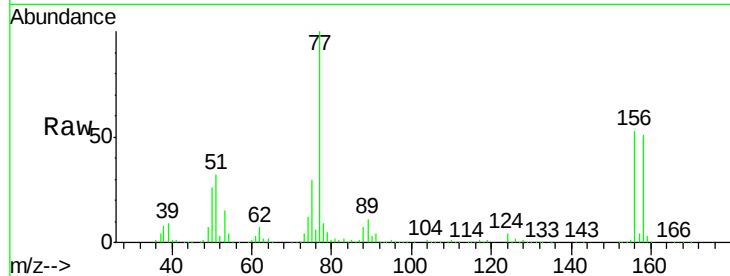
158 96.7 48.9 146.8

Manual Integrations

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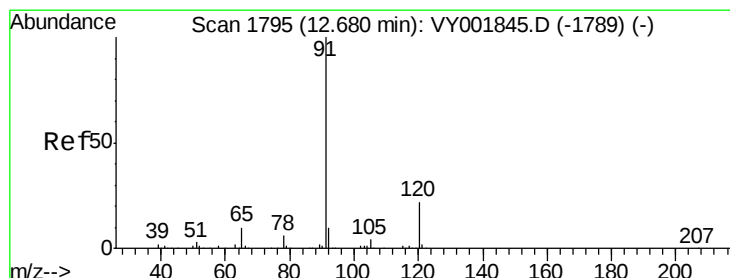
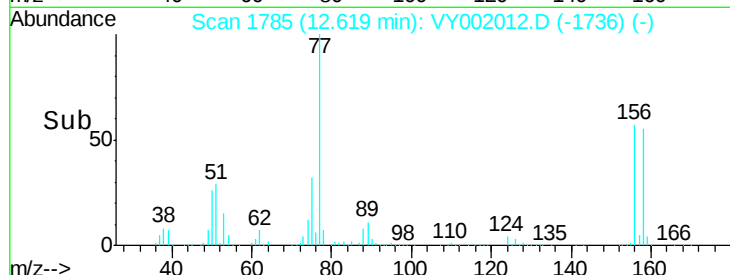
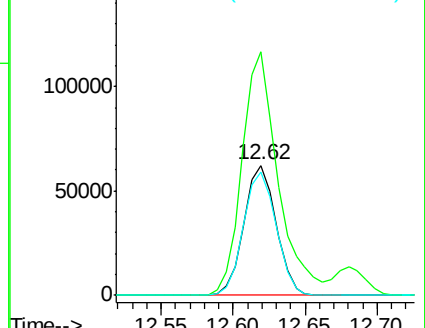
3/20/2020 12:06:12 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.953 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002012.D

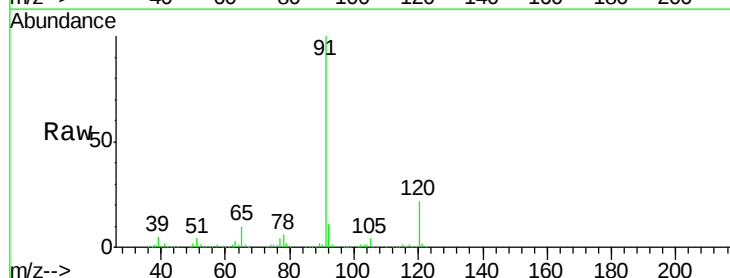
Acq: 19 Mar 2020 11:20

Tgt Ion: 91 Resp: 549418

Ion Ratio Lower Upper

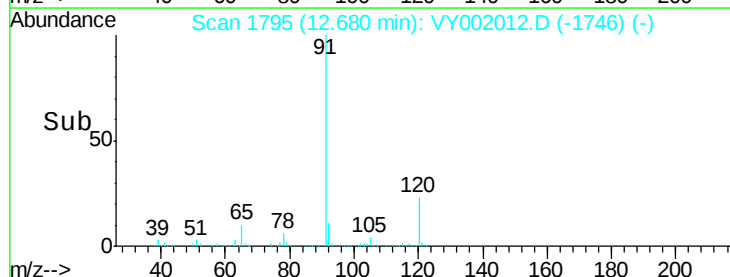
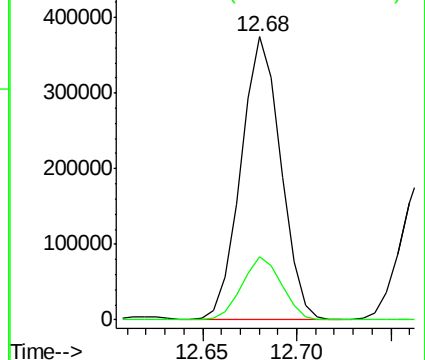
91 100

120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





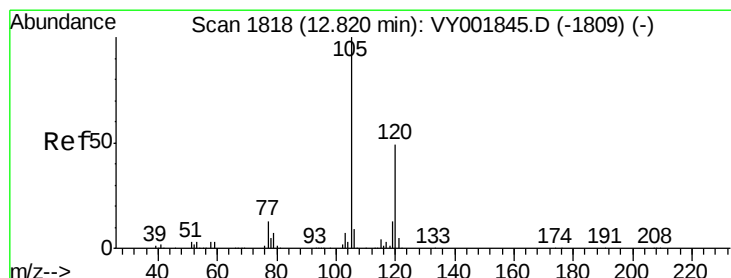
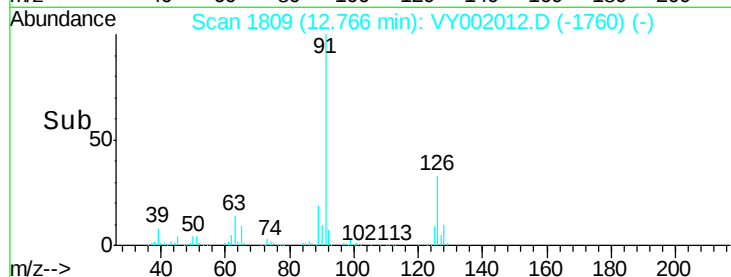
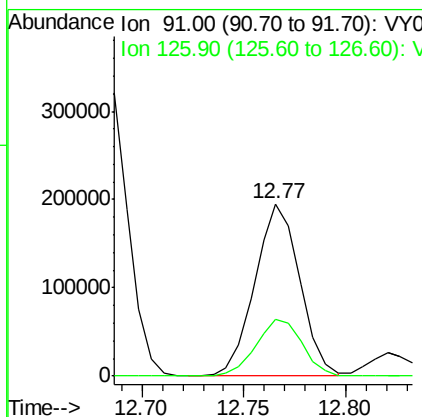
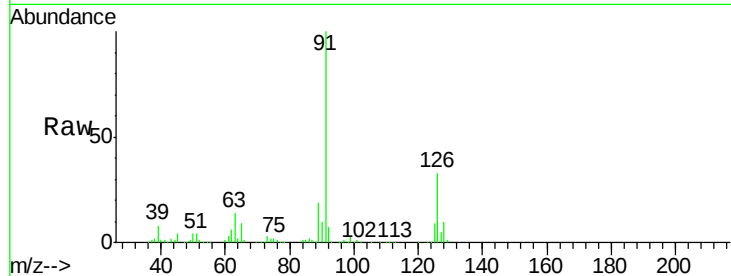
#79
2-Chlorotoluene
Concen: 47.381 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		299918		
126	33.7	16.3	48.8		

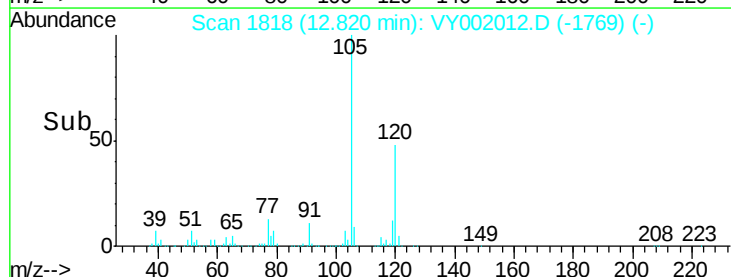
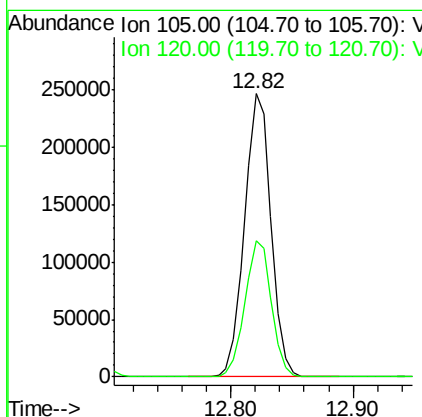
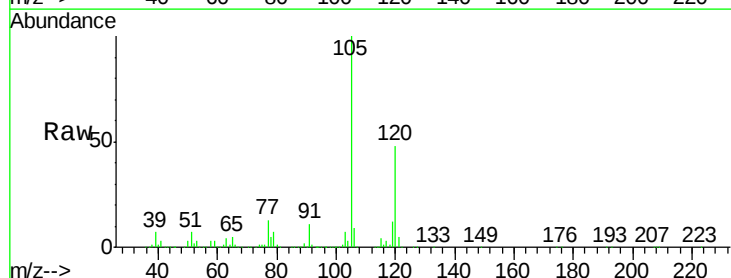
Manual Integrations
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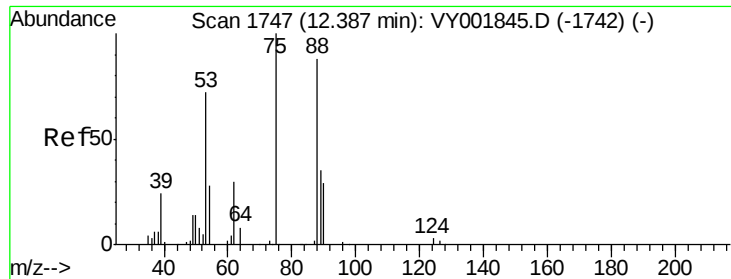
MMDadoda
3/20/2020 12:06:12 PM



#80
1,3,5-Trimethylbenzene
Concen: 48.323 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		369448		
120	48.3	24.4	73.2		





#81

trans-1,4-Dichloro-2-butene

Concen: 49.210 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

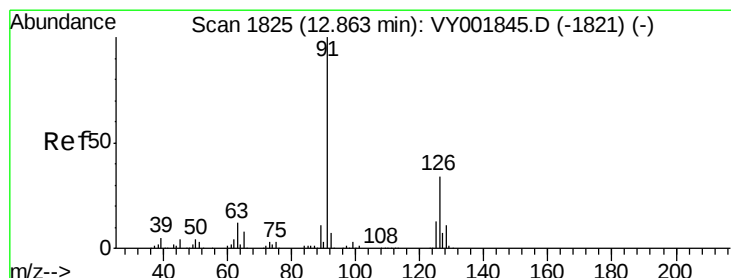
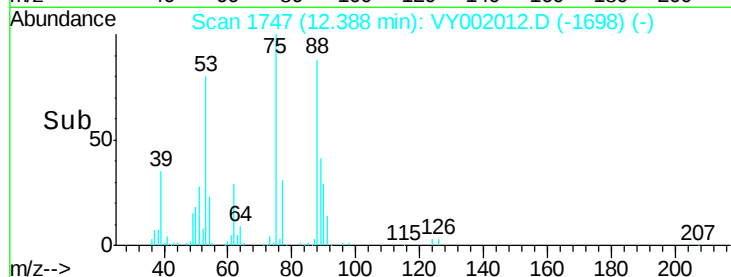
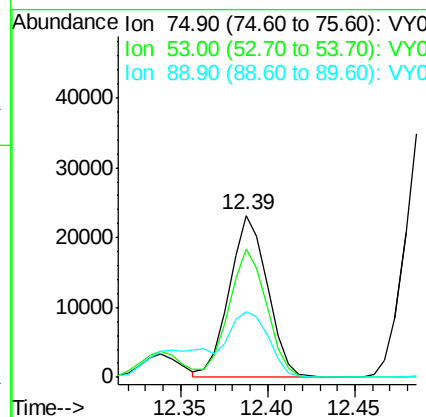
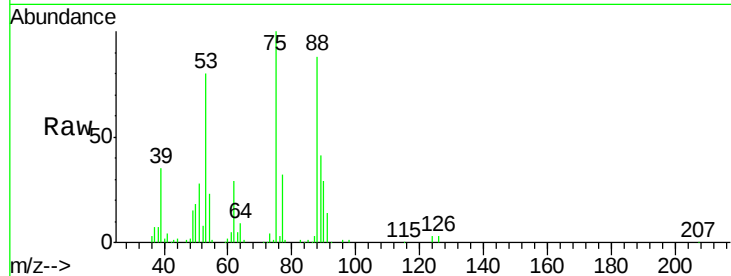
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	35167
Ion Ratio	Lower	Upper	
75	100		
53	78.2	65.4	98.0
89	42.4	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.571 ug/l

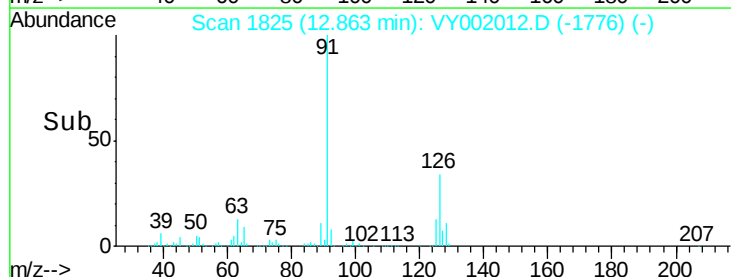
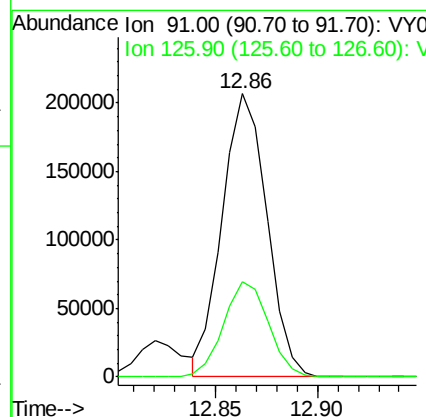
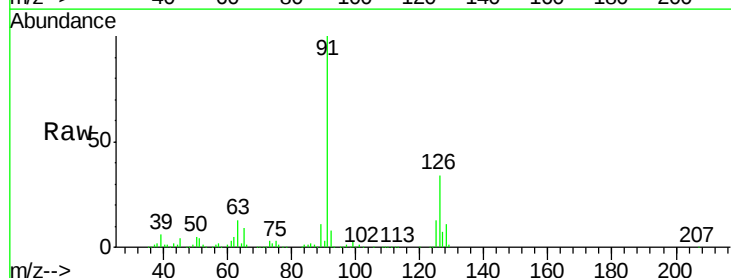
RT: 12.86 min Scan# 1825

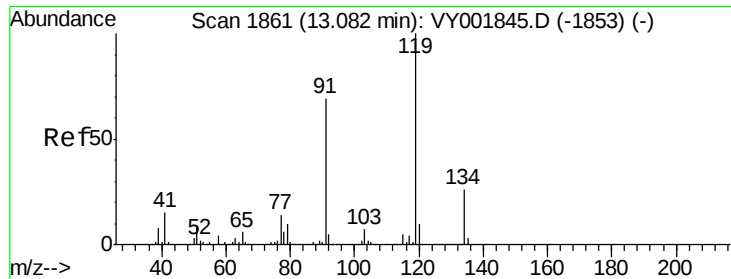
Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Tgt Ion:	91	Resp:	313526
Ion Ratio	Lower	Upper	
91	100		
126	33.8	16.4	49.2





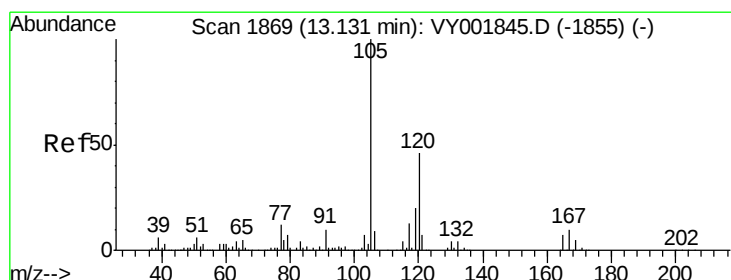
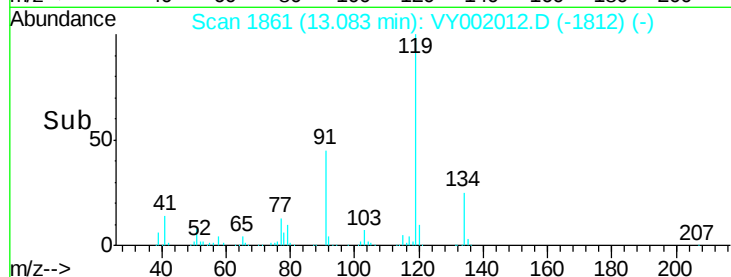
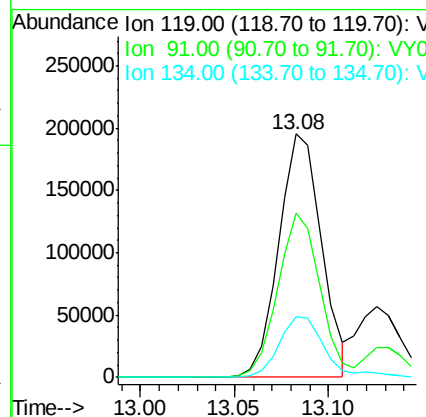
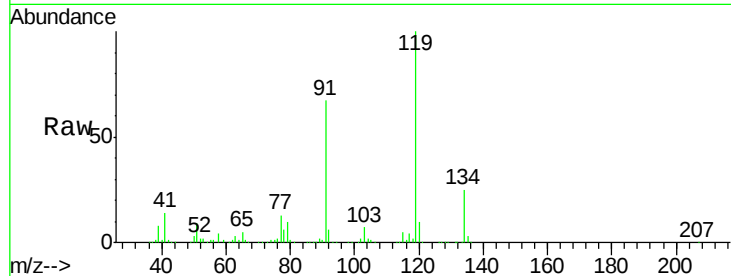
#83
tert-Butylbenzene
Concen: 48.376 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	34.0	101.8
134	27.0	13.5	40.4

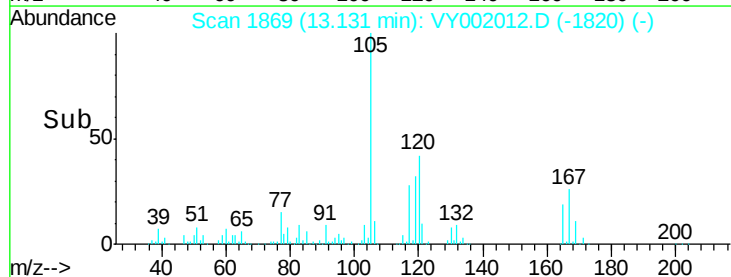
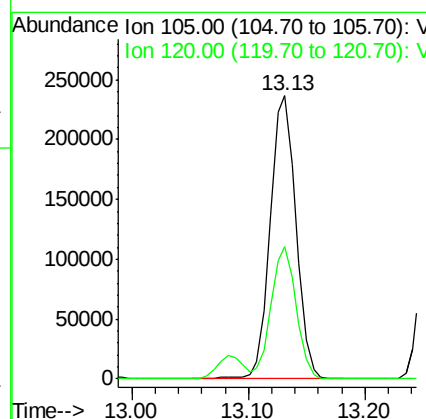
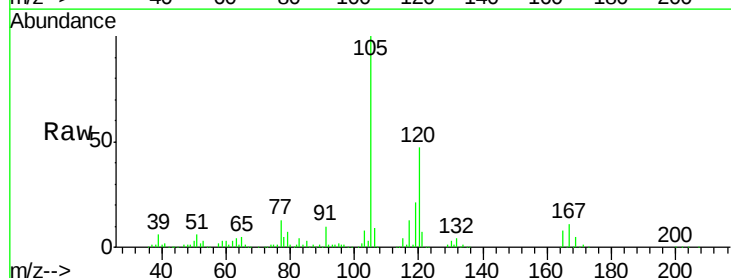
Manual Integrations
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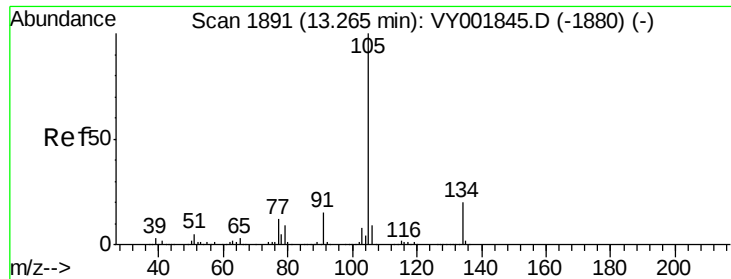
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.069 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.7





#85

sec-Butylbenzene

Concen: 49.335 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 461775

Ion Ratio Lower Upper

105 100

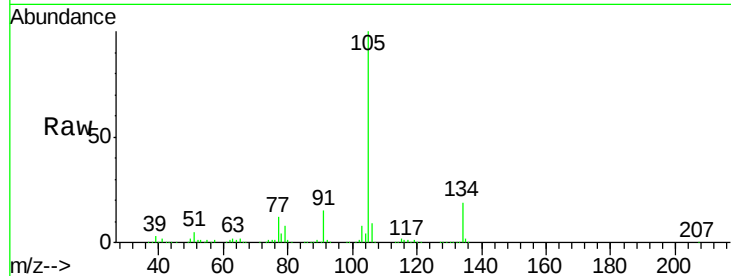
134 19.3 9.7 29.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

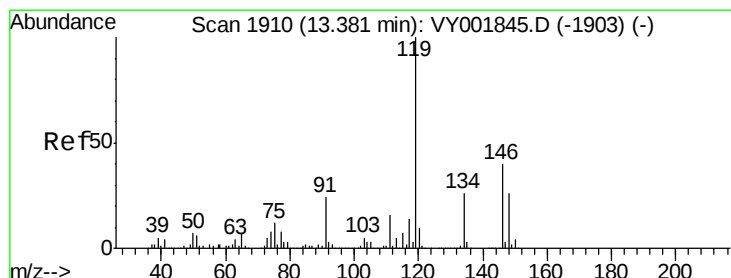
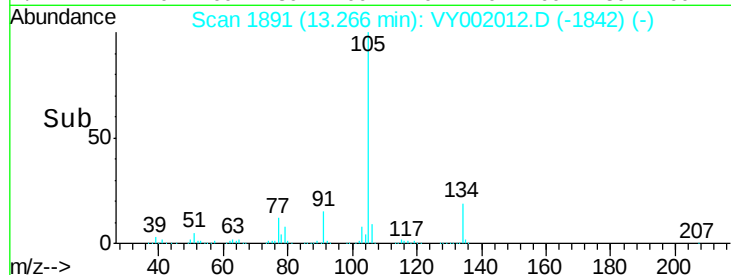
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.954 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

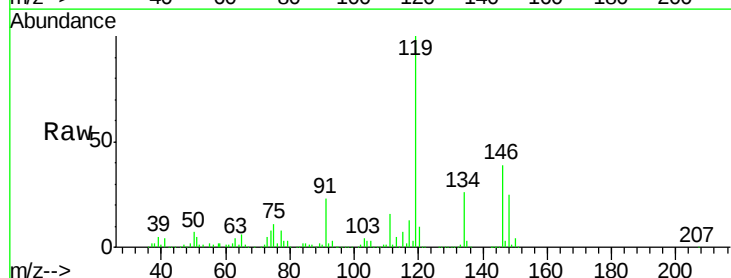
Tgt Ion:119 Resp: 395262

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.3 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

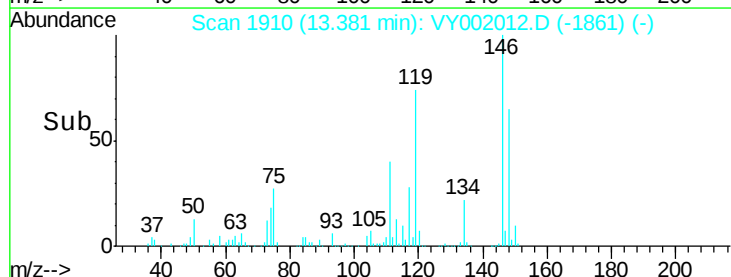
300000

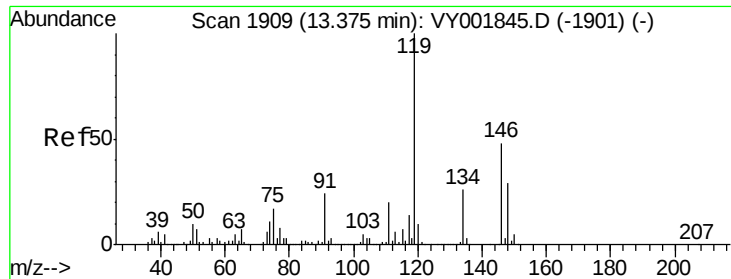
200000

100000

0

Time-->





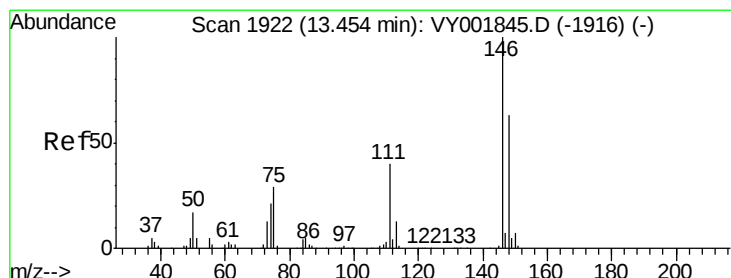
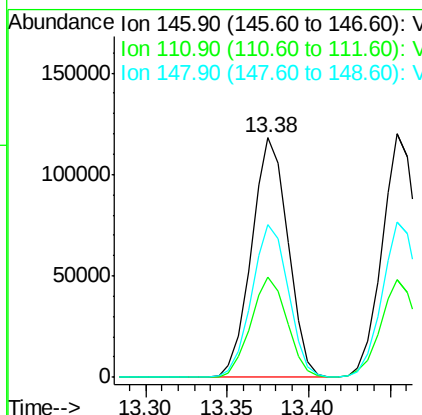
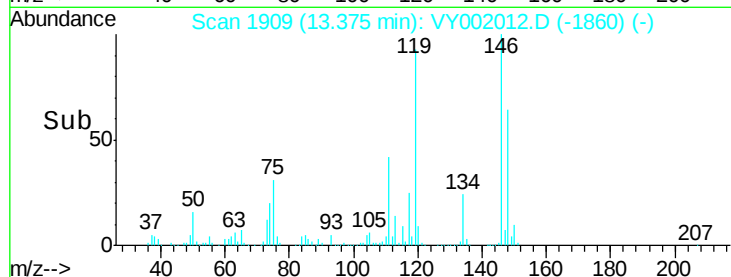
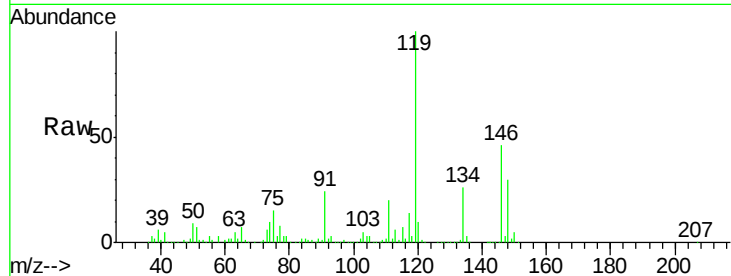
#87
 1,3-Dichlorobenzene
 Concen: 47.647 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.2	31.4	94.0

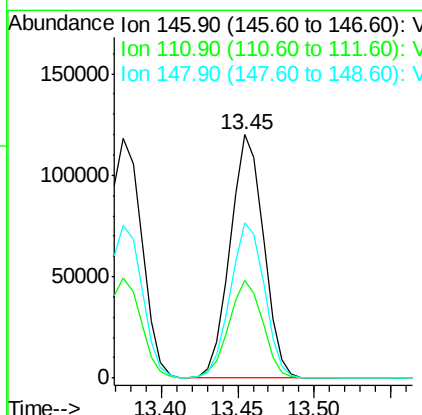
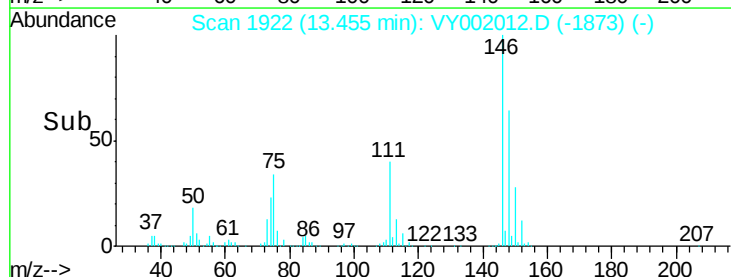
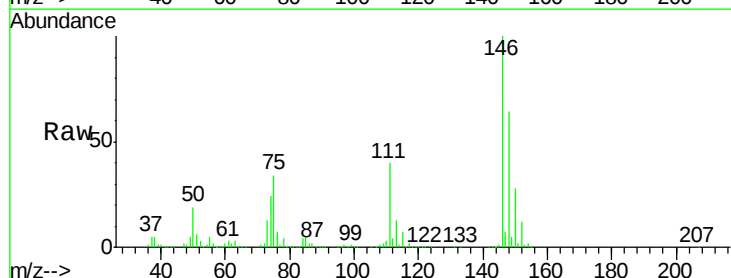
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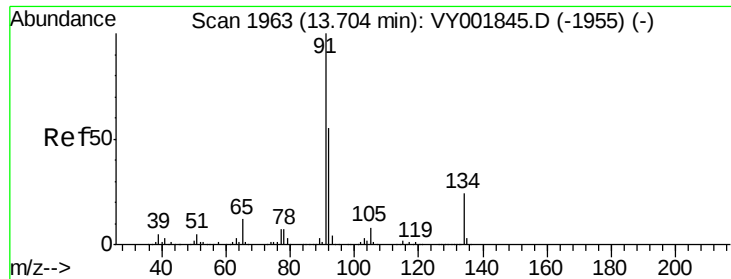
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#88
 1,4-Dichlorobenzene
 Concen: 46.677 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	64.8	31.5	94.5





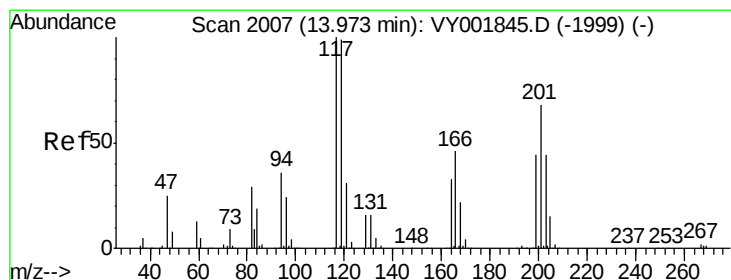
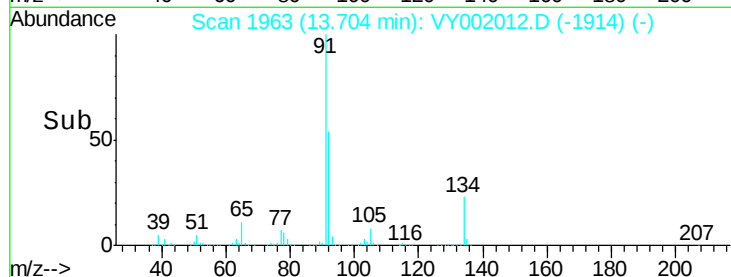
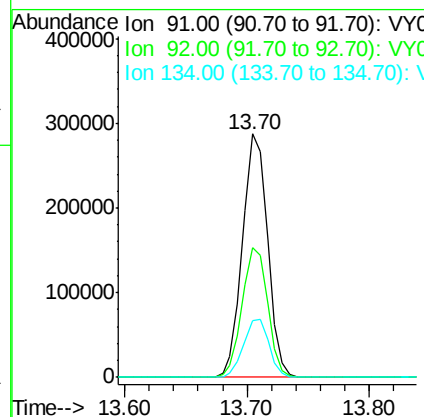
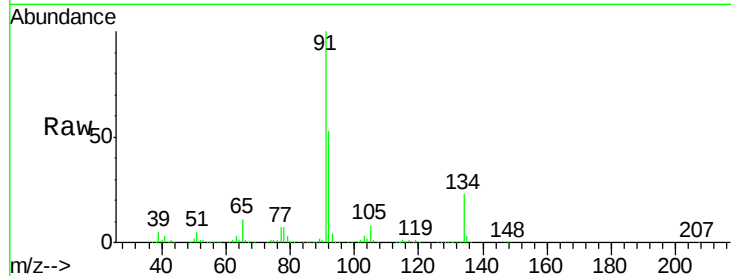
#89
n-Butylbenzene
Concen: 48.627 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	407345		
92	54.2		27.5	82.4
134	24.4		12.5	37.5

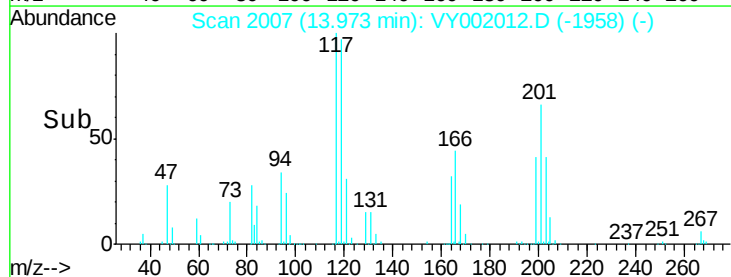
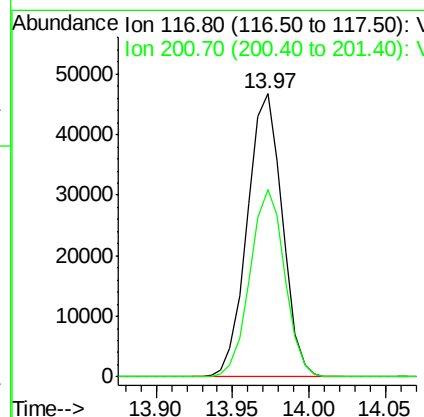
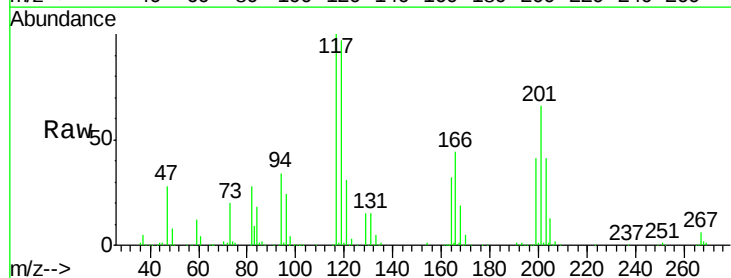
Manual Integrations
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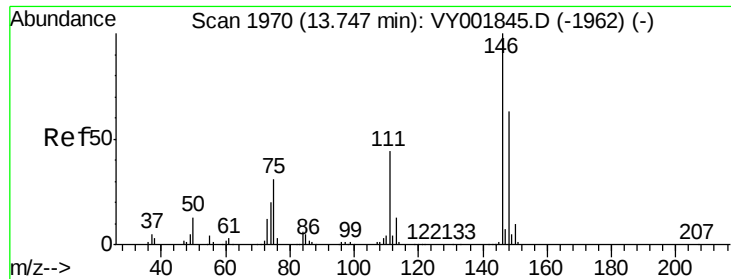
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#90
Hexachloroethane
Concen: 48.971 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002012.D
Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74592		
201	65.4		32.5	97.5





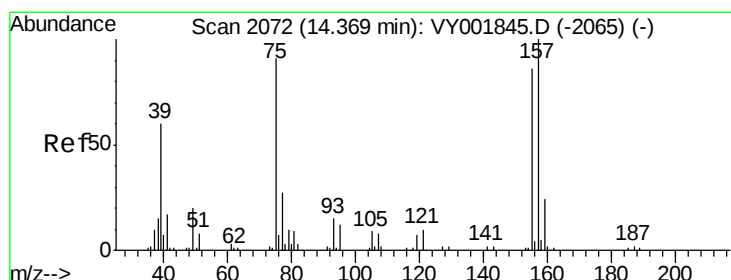
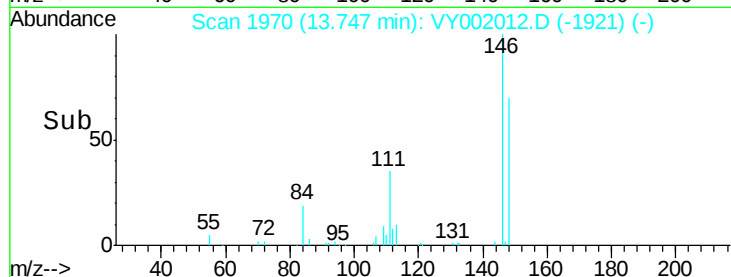
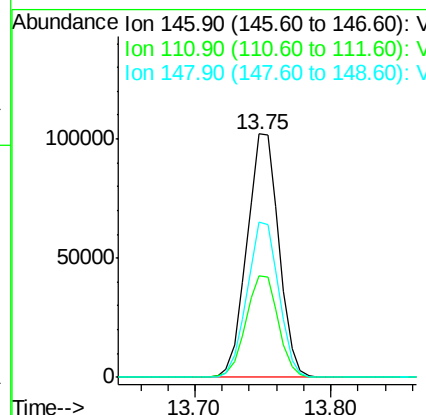
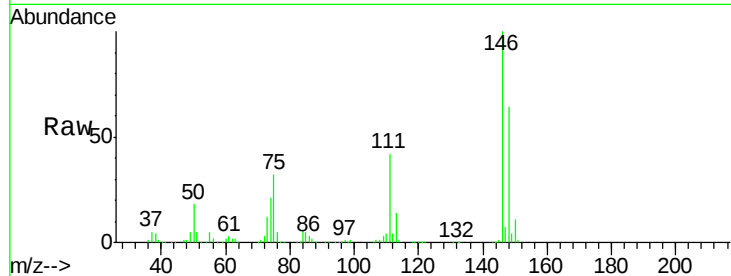
#91
 1,2-Dichlorobenzene
 Concen: 47.890 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	63.4	32.0	96.0

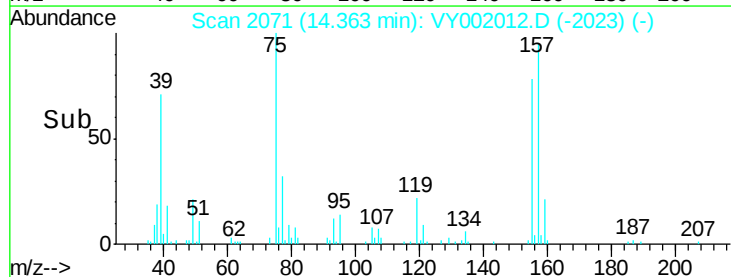
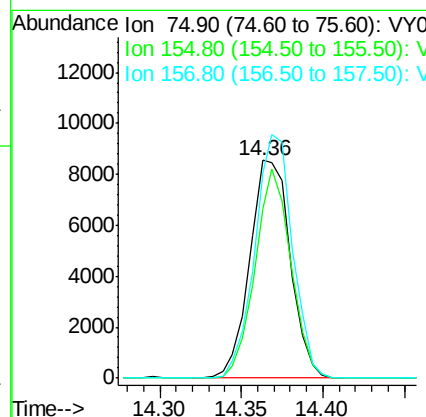
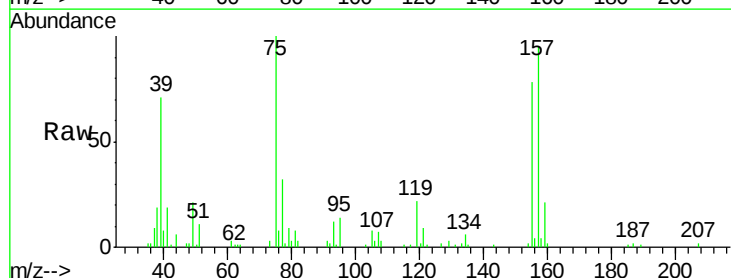
Manual Integrations
 APPROVED

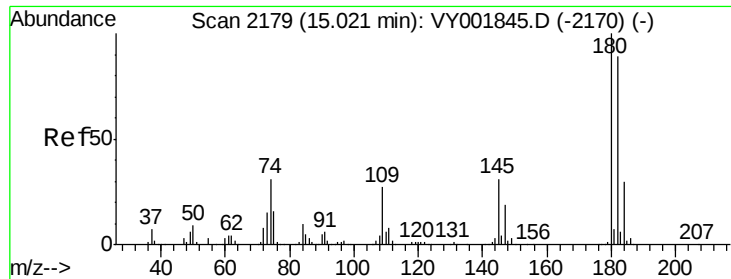
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.074 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	42.9	128.7
157	104.3	53.1	159.4





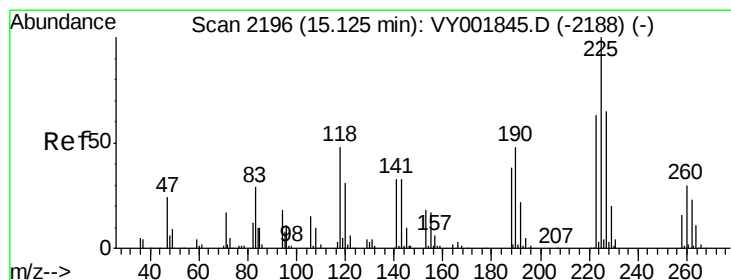
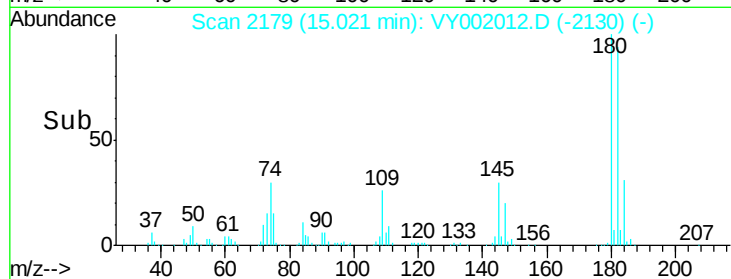
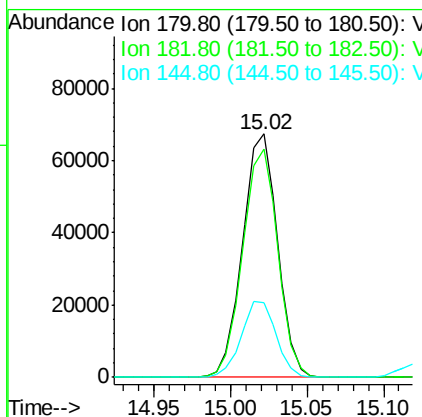
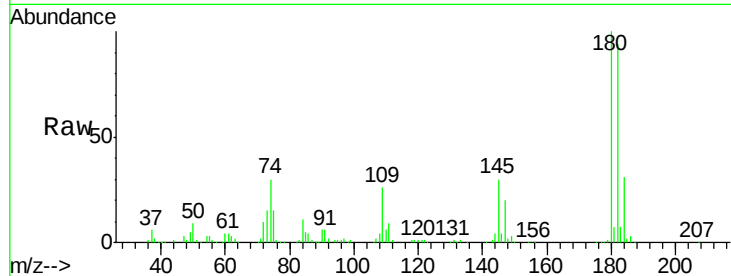
#93
 1,2,4-Trichlorobenzene
 Concen: 47.219 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.1	138.3
145	31.0	15.6	46.8

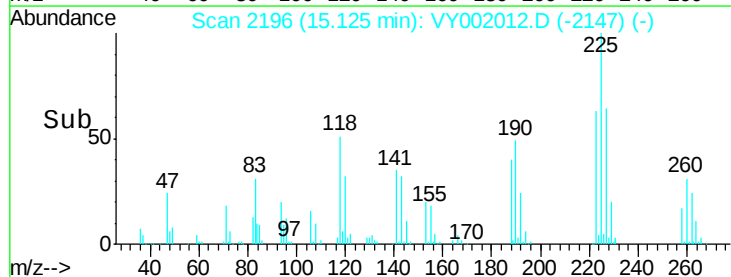
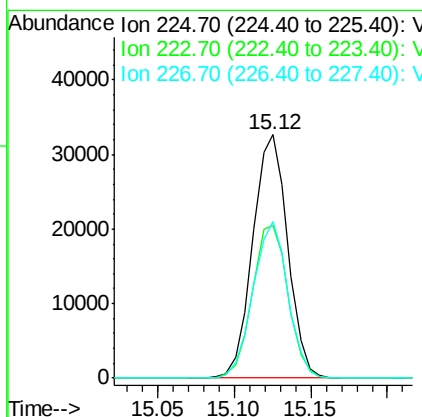
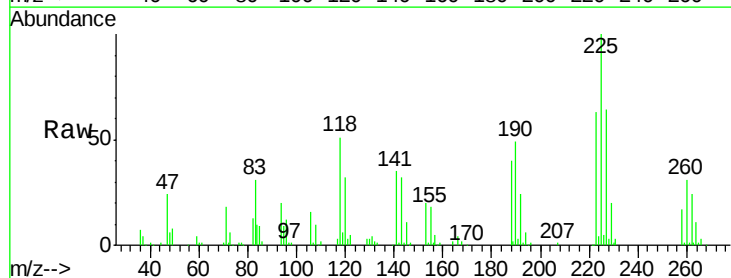
Manual Integrations
 APPROVED

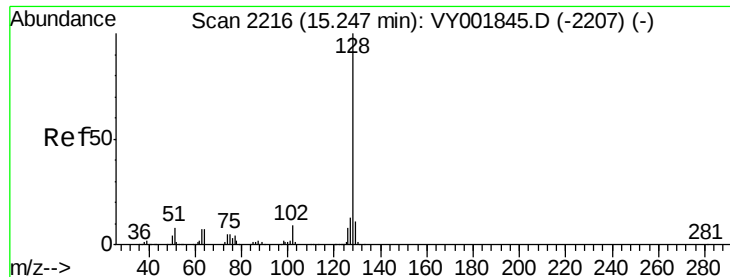
MMDadoda
 3/20/2020 12:06:12 PM



#94
 Hexachlorobutadiene
 Concen: 46.885 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY002012.D
 Acq: 19 Mar 2020 11:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.5	94.5
227	64.1	31.9	95.5





#95

Naphthalene

Concen: 46.661 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Instrument :

MSVOA_Y

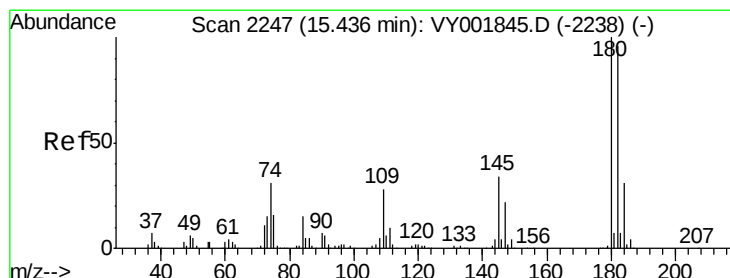
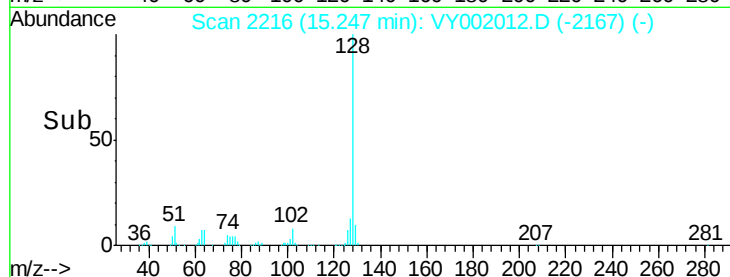
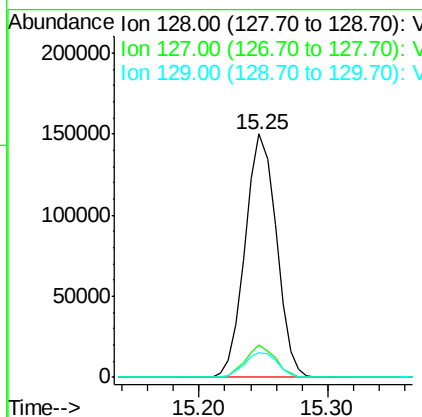
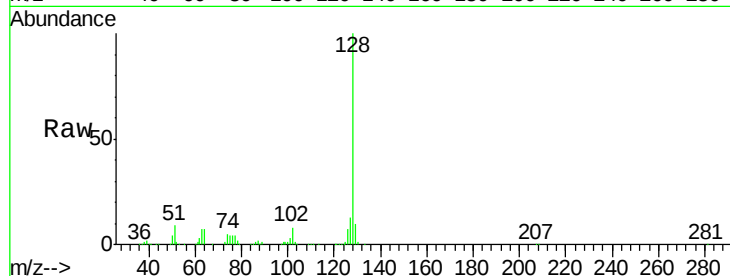
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	251420
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/20/2020 12:06:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.586 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002012.D

Acq: 19 Mar 2020 11:20

Tgt Ion:	180	Resp:	93227
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.6	142.9
145	34.3	16.8	50.3

