

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002513.D
 Acq On : 30 Apr 2020 15:23
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:31:08 PM

Quant Time: May 04 12:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	372923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	553405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	500941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	256838	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	156646	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.74	113	157969	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.19	98	614234	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.49	95	205908	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	168524	59.505	ug/l	100
3) Chloromethane	2.12	50	170137	56.311	ug/l	100
4) Vinyl Chloride	2.26	62	195604	56.067	ug/l	100
5) Bromomethane	2.66	94	124307	51.668	ug/l	100
6) Chloroethane	2.80	64	112001	53.766	ug/l	100
7) Trichlorofluoromethane	3.14	101	283708	52.470	ug/l	100
8) Diethyl Ether	3.55	74	96064	52.869	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	172247	52.123	ug/l	100
10) Methyl Iodide	4.11	142	256510	56.974	ug/l	100
11) Tert butyl alcohol	4.97	59	78566	243.540	ug/l	100
12) 1,1-Dichloroethene	3.89	96	167032	52.030	ug/l	100
13) Acrolein	3.74	56	60609	271.693	ug/l	100
14) Allyl chloride	4.50	41	248282	53.080	ug/l	100
15) Acrylonitrile	5.19	53	225043	262.631	ug/l	100
16) Acetone	3.96	43	170348	263.240	ug/l	100
17) Carbon Disulfide	4.21	76	527817	54.651	ug/l	100
18) Methyl Acetate	4.50	43	109855	50.807	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	438971	52.410	ug/l	100
20) Methylene Chloride	4.74	84	177503	49.051	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	183775	52.375	ug/l	100
22) Diisopropyl ether	6.14	45	494661	52.266	ug/l	100
23) Vinyl Acetate	6.08	43	1596750	268.269	ug/l	100
24) 1,1-Dichloroethane	6.04	63	295129	52.711	ug/l	100
25) 2-Butanone	7.01	43	277802	262.252	ug/l	100
26) 2,2-Dichloropropane	7.00	77	266319	50.041	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	199654	51.425	ug/l	100
28) Bromochloromethane	7.35	49	115678	50.426	ug/l	100
29) Tetrahydrofuran	7.36	42	186481	266.079	ug/l	100
30) Chloroform	7.53	83	301117	51.723	ug/l	100
31) Cyclohexane	7.80	56	282710	50.163	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	280643	51.864	ug/l	100
36) 1,1-Dichloropropene	7.94	75	241977	52.159	ug/l	100
37) Ethyl Acetate	7.10	43	124357	52.163	ug/l	100
38) Carbon Tetrachloride	7.92	117	264757	52.273	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002513.D
 Acq On : 30 Apr 2020 15:23
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:31:08 PM

Quant Time: May 04 12:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	319521	52.145	ug/l	100
40) Benzene	8.18	78	692671	51.695	ug/l	100
41) Methacrylonitrile	7.35	41	75809m	60.833	ug/l	
42) 1,2-Dichloroethane	8.25	62	198875	52.914	ug/l	100
43) Isopropyl Acetate	8.29	43	235125	52.609	ug/l	100
44) Trichloroethene	8.96	130	215173	51.385	ug/l	100
45) 1,2-Dichloropropane	9.23	63	167483	51.791	ug/l	100
46) Dibromomethane	9.32	93	97288	52.288	ug/l	100
47) Bromodichloromethane	9.51	83	235344	52.020	ug/l	100
48) Methyl methacrylate	9.30	41	108459	53.622	ug/l	100
49) 1,4-Dioxane	9.31	88	26474	1074.646	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	620014	269.143	ug/l	100
52) Toluene	10.25	92	446430	51.842	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	250679	52.884	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	286016	52.194	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	142102	52.372	ug/l	100
56) Ethyl methacrylate	10.52	69	194905	53.998	ug/l	100
57) 1,3-Dichloropropane	10.80	76	242084	52.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	465365	244.480	ug/l	100
59) 2-Hexanone	10.84	43	433854	273.633	ug/l	100
60) Dibromochloromethane	11.00	129	181151	52.493	ug/l	100
61) 1,2-Dibromoethane	11.10	107	139184	51.806	ug/l	100
64) Tetrachloroethene	10.73	164	232380	52.210	ug/l	100
65) Chlorobenzene	11.52	112	491234	51.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	185173	52.384	ug/l	100
67) Ethyl Benzene	11.60	91	874672	52.289	ug/l	100
68) m/p-Xylenes	11.71	106	674957	104.284	ug/l	100
69) o-Xylene	12.03	106	313960	51.808	ug/l	100
70) Styrene	12.05	104	546135	52.716	ug/l	100
71) Bromoform	12.22	173	118209	53.878	ug/l	100
73) Isopropylbenzene	12.34	105	863483	51.875	ug/l	100
74) N-amyl acetate	12.15	43	218865	54.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	140466	53.061	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	124791m	54.433	ug/l	
77) Bromobenzene	12.61	156	216171	51.980	ug/l	100
78) n-propylbenzene	12.68	91	1004046	51.978	ug/l	100
79) 2-Chlorotoluene	12.77	91	551302	51.523	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	723623	52.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60722	53.346	ug/l	100
82) 4-Chlorotoluene	12.86	91	580481	51.646	ug/l	100
83) tert-Butylbenzene	13.08	119	635315	52.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	717080	52.147	ug/l	100
85) sec-Butylbenzene	13.26	105	875502	52.151	ug/l	100
86) p-Isopropyltoluene	13.38	119	825609	52.486	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	404967	51.450	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	405846	52.072	ug/l	100
89) n-Butylbenzene	13.70	91	744191	51.969	ug/l	100
90) Hexachloroethane	13.97	117	149061	52.035	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	365421	52.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25778	52.239	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002513.D
 Acq On : 30 Apr 2020 15:23
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

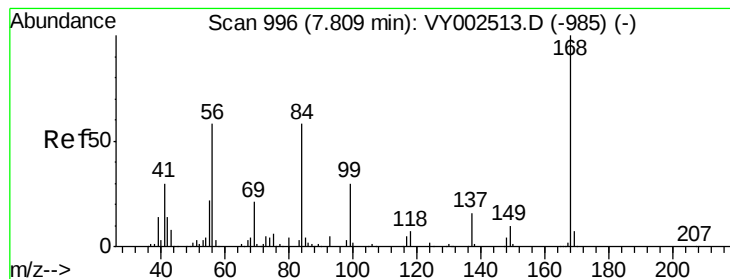
Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:31:08 PM

Quant Time: May 04 12:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	264951	51.960	ug/l	100
94) Hexachlorobutadiene	15.12	225	156604	51.165	ug/l	100
95) Naphthalene	15.25	128	497696	53.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	224987	51.975	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 372923

Ion Ratio Lower Upper

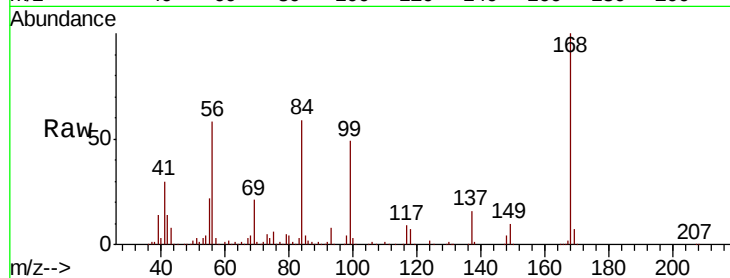
168 100

99 49.0 39.2 58.8

Manual Integrations
APPROVED

MMDadoda

5/5/2020 4:31:08 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

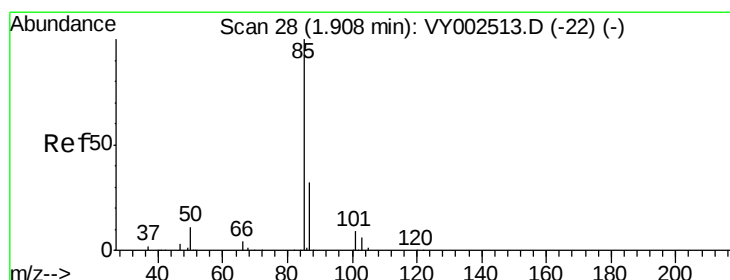
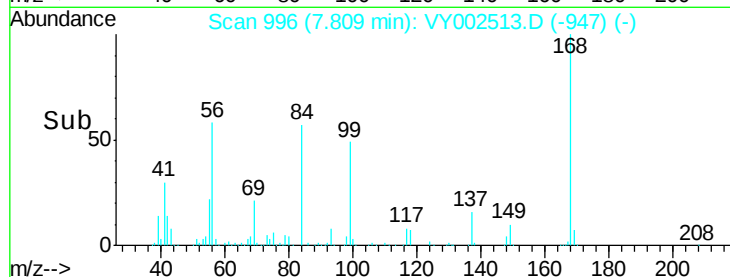
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 59.505 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002513.D

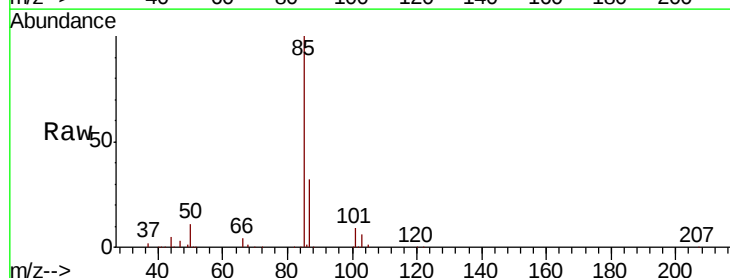
Acq: 30 Apr 2020 15:23

Tgt Ion: 85 Resp: 168524

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

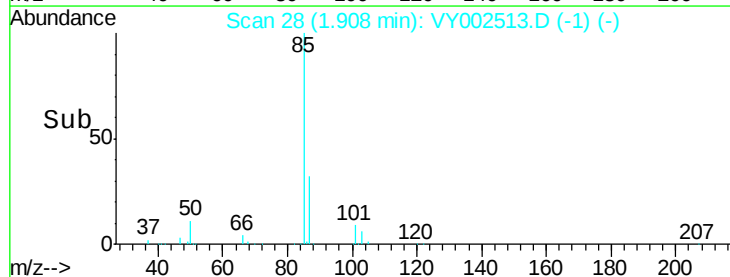
100000

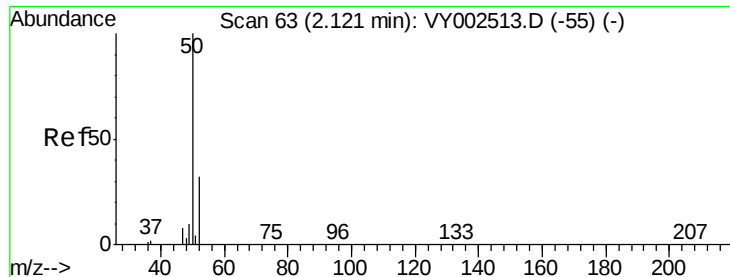
50000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 56.311 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 170137

Ion Ratio Lower Upper

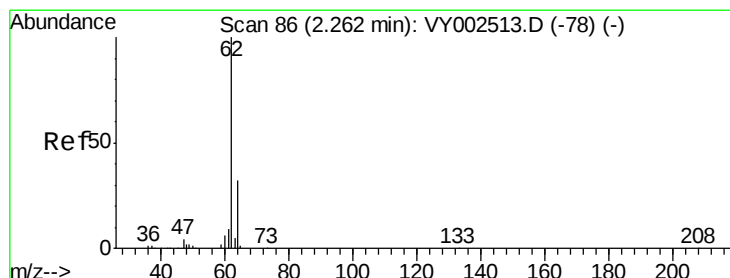
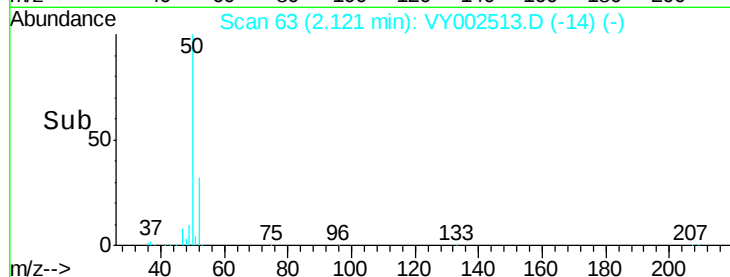
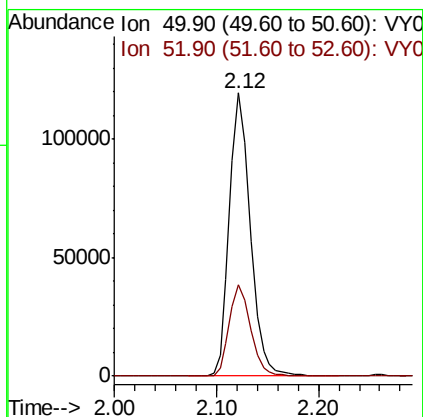
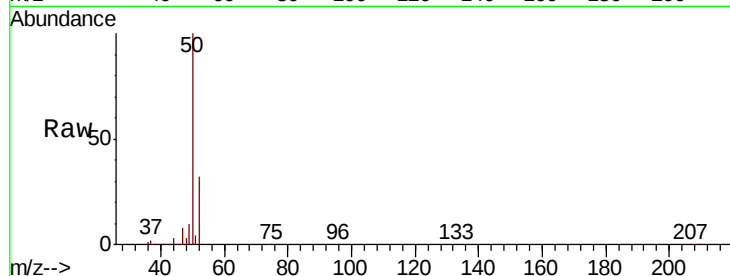
50 100

52 32.4 25.9 38.9

Manual Integrations
APPROVED

MMDadoda

5/5/2020 4:31:08 PM



#4

Vinyl Chloride

Concen: 56.067 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002513.D

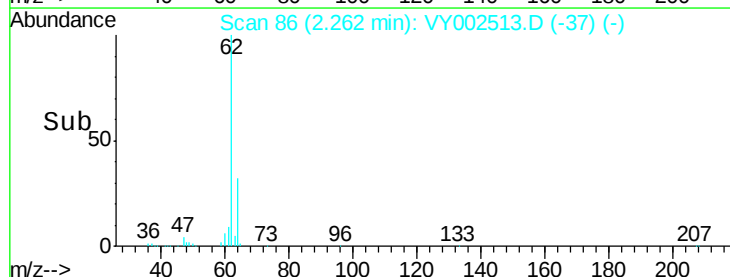
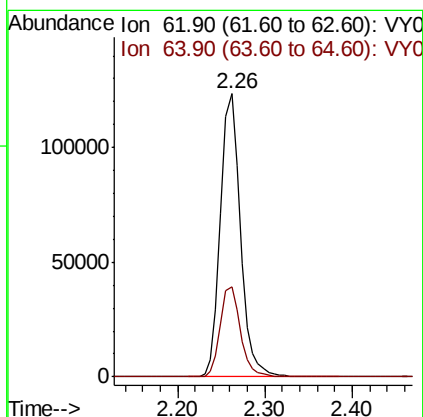
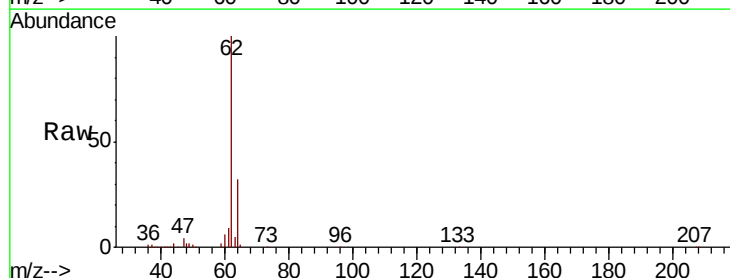
Acq: 30 Apr 2020 15:23

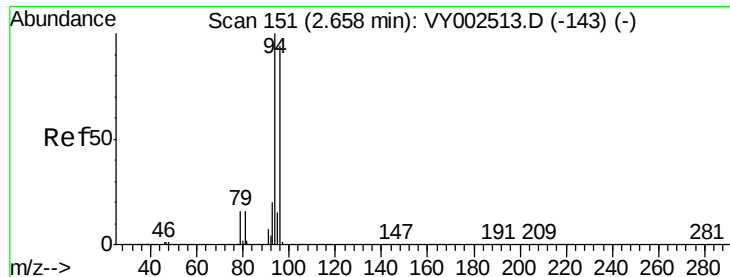
Tgt Ion: 62 Resp: 195604

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 51.668 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 124307

Ion Ratio Lower Upper

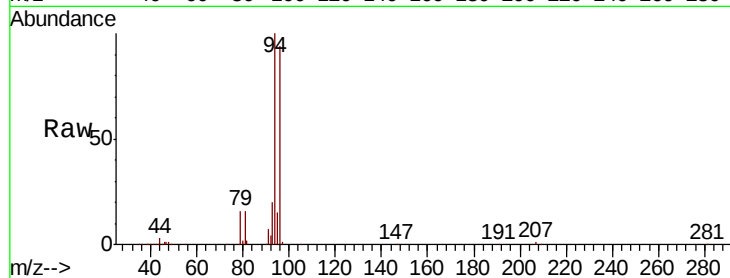
94 100

96 93.6 74.9 112.3

Manual Integrations
APPROVED

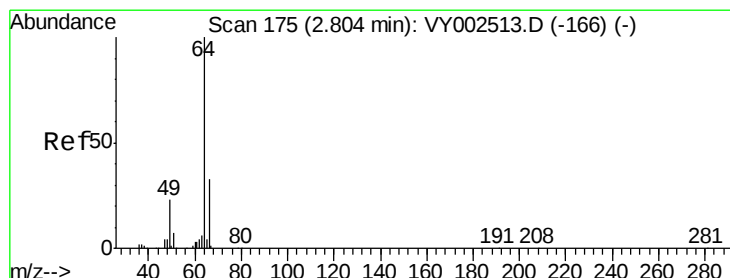
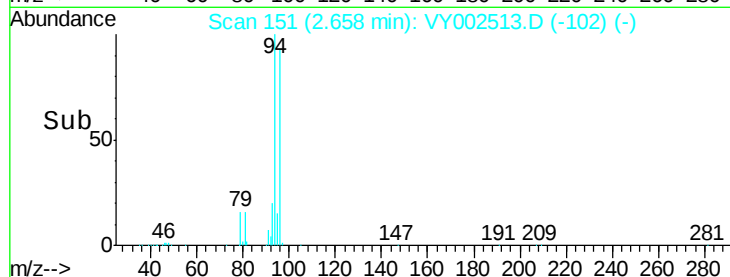
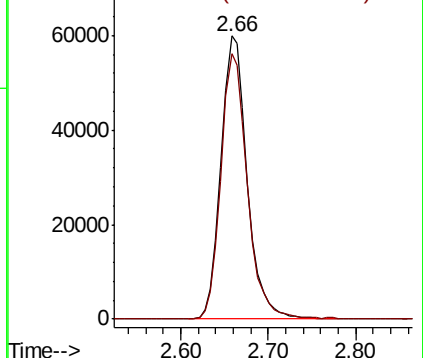
MMDadoda

5/5/2020 4:31:08 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.766 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002513.D

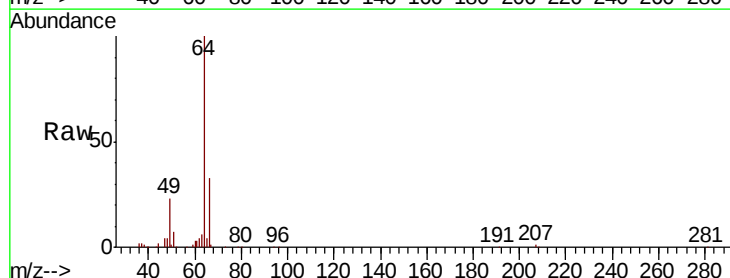
Acq: 30 Apr 2020 15:23

Tgt Ion: 64 Resp: 112001

Ion Ratio Lower Upper

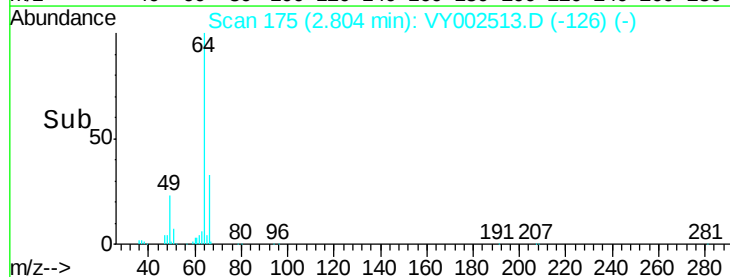
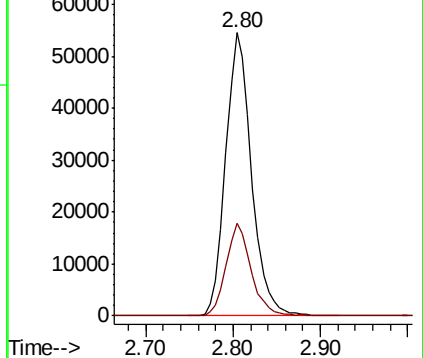
64 100

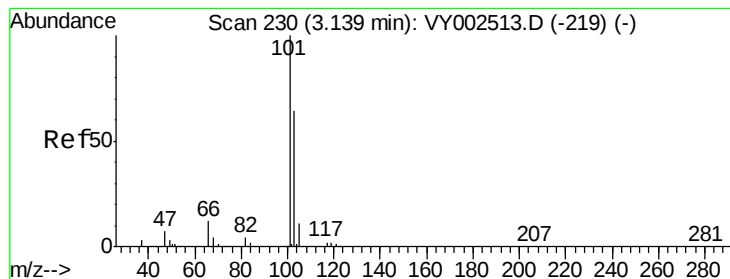
66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

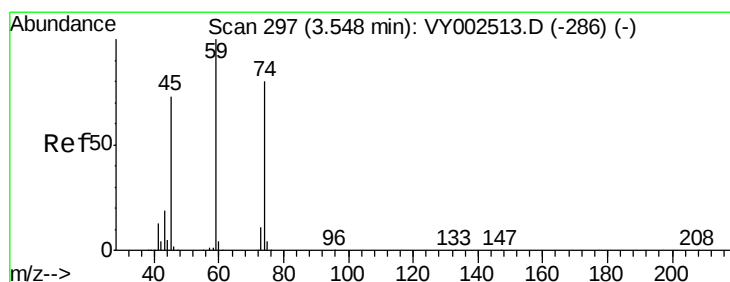
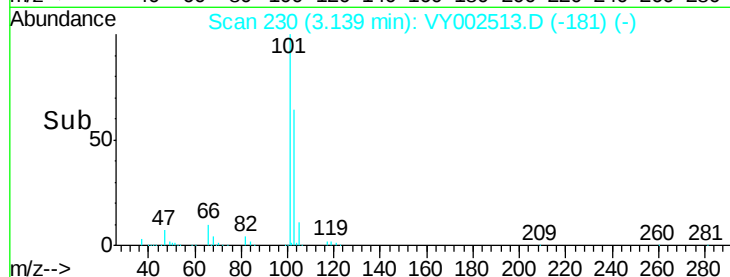
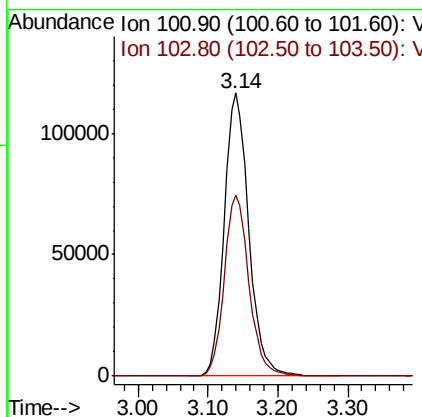
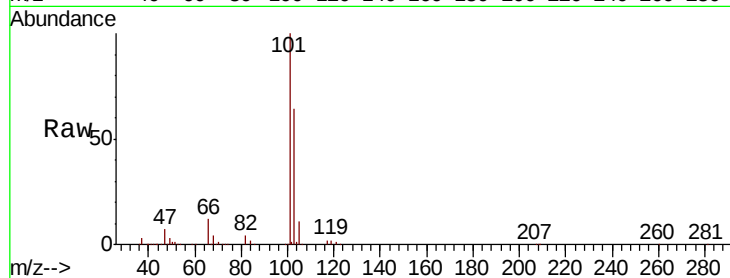
Trichlorofluoromethane
 Concen: 52.470 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.0

Manual Integrations
 APPROVED

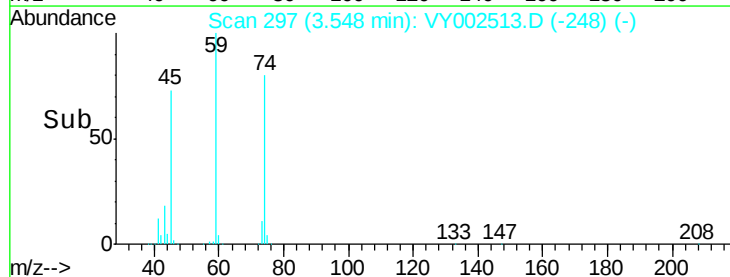
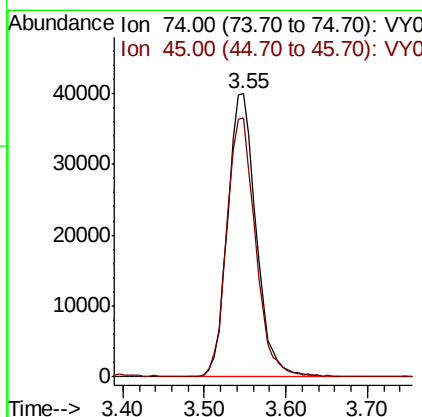
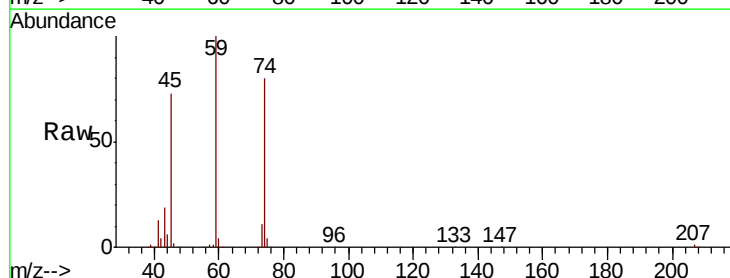
MMDadoda
 5/5/2020 4:31:08 PM

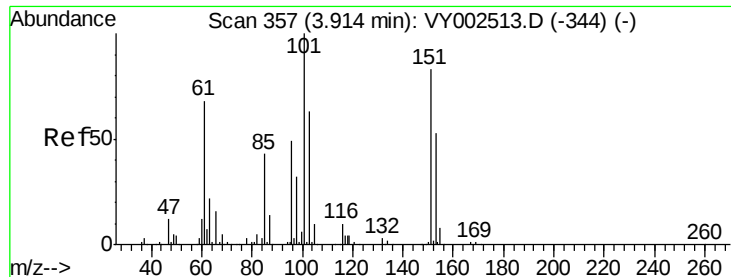


#8

Diethyl Ether
 Concen: 52.869 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	46.2	138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.123 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

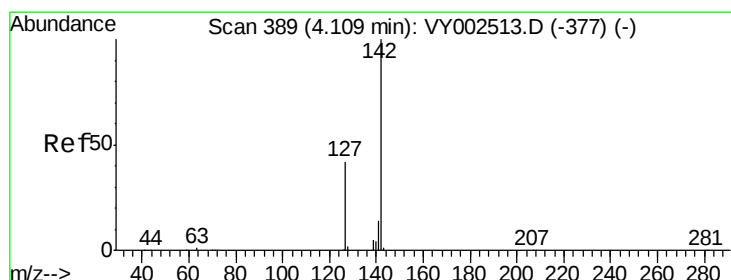
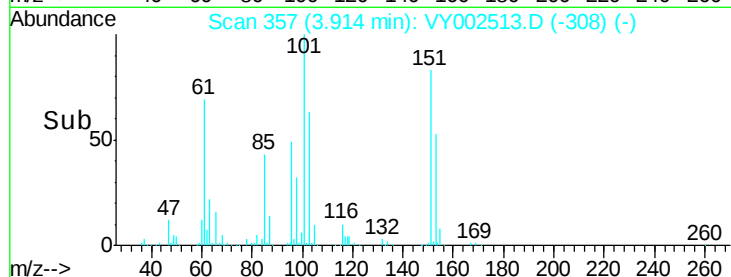
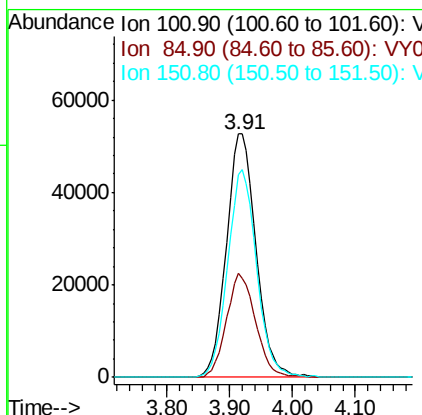
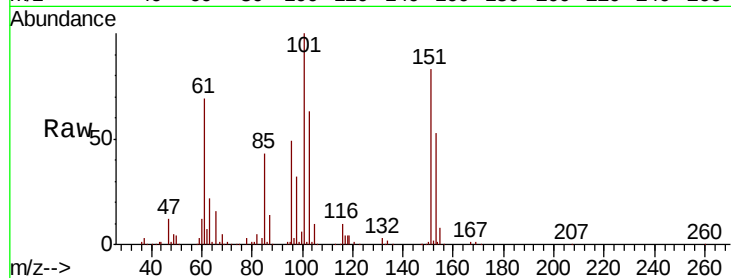
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	172247
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.4	50.2
151	83.5	66.8	100.2

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#10

Methyl Iodide

Concen: 56.974 ug/l

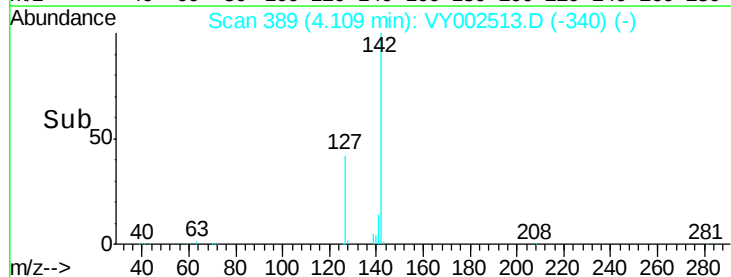
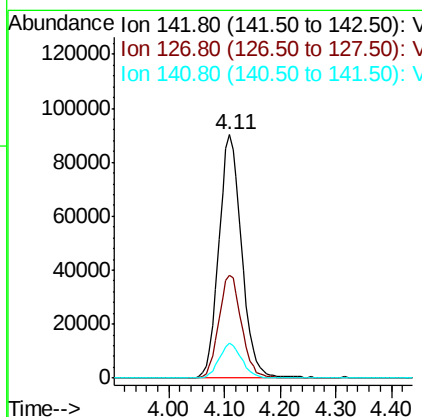
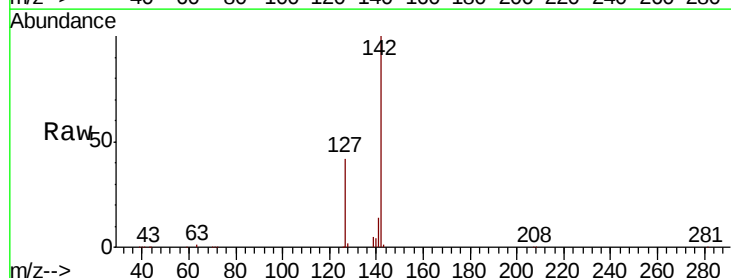
RT: 4.11 min Scan# 389

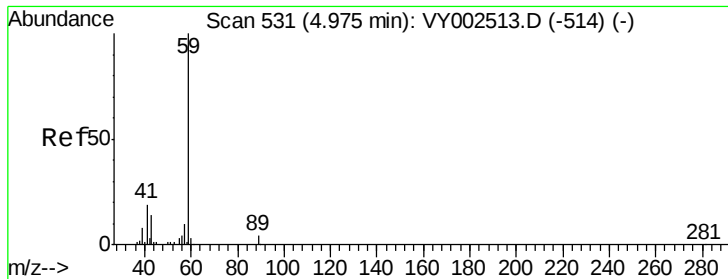
Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tgt Ion:	142	Resp:	256510
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.7	50.5
141	14.2	11.4	17.0





#11

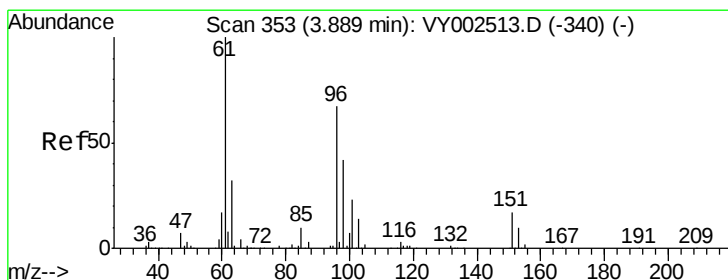
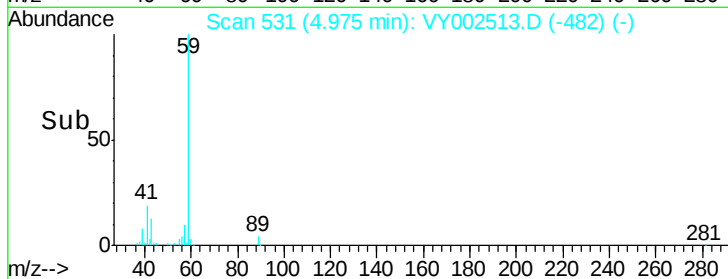
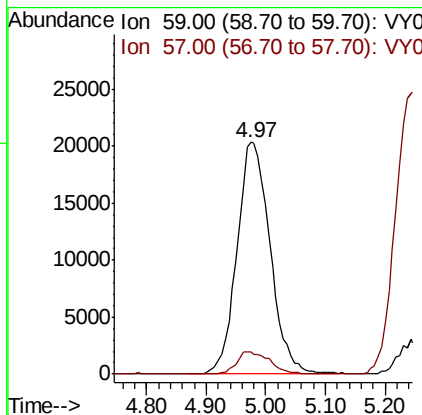
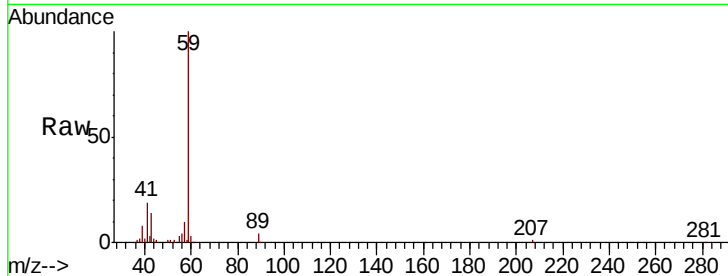
Tert butyl alcohol
 Concen: 243.540 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

Manual Integrations
 APPROVED

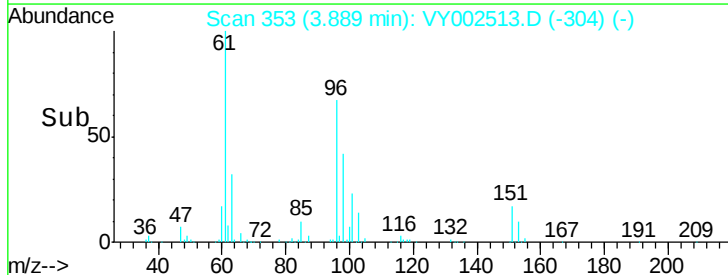
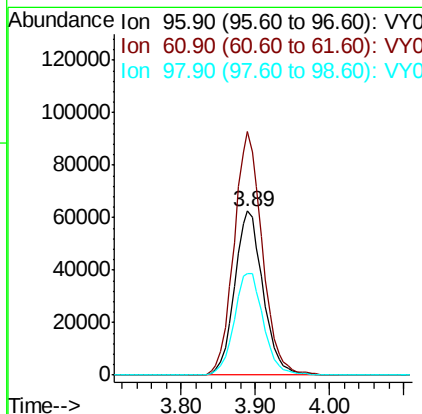
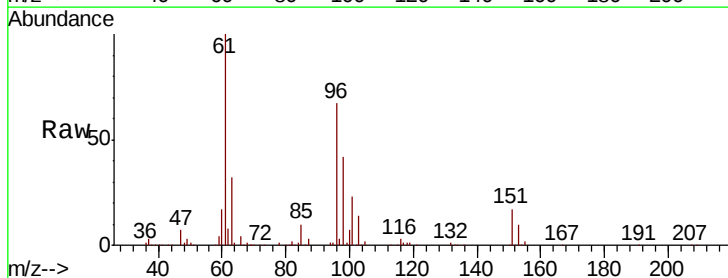
MMDadoda
 5/5/2020 4:31:08 PM

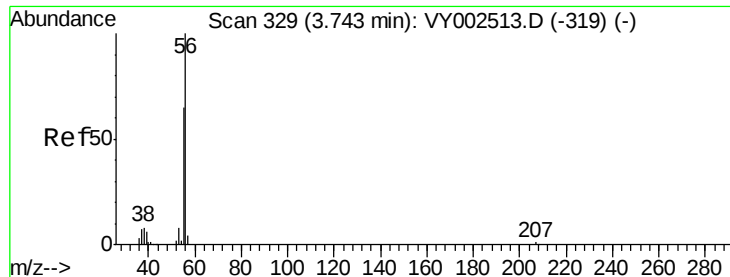


#12

1,1-Dichloroethene
 Concen: 52.030 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.5	118.8	178.2
98	62.0	49.6	74.4





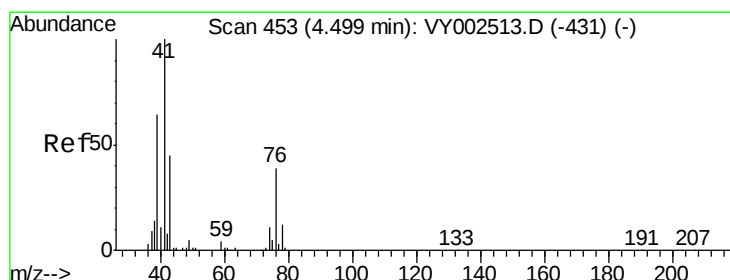
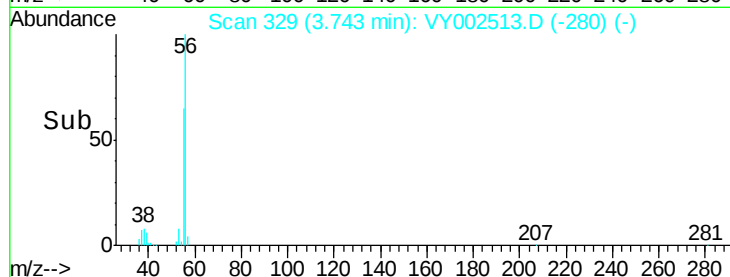
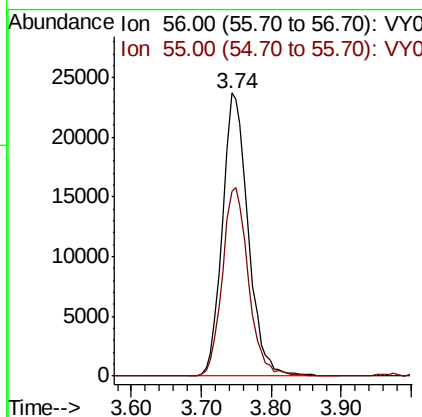
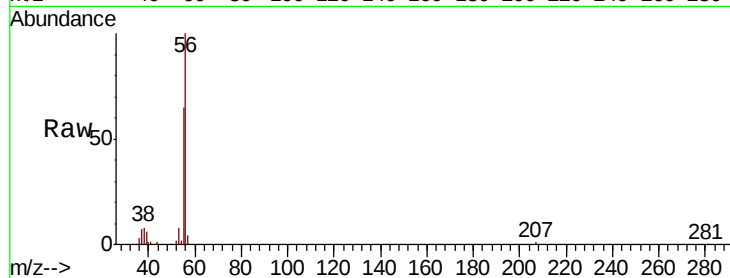
#13
Acrolein
Concen: 271.693 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	60609
Ion Ratio	100	Lower	Upper
55	67.2	53.8	80.6

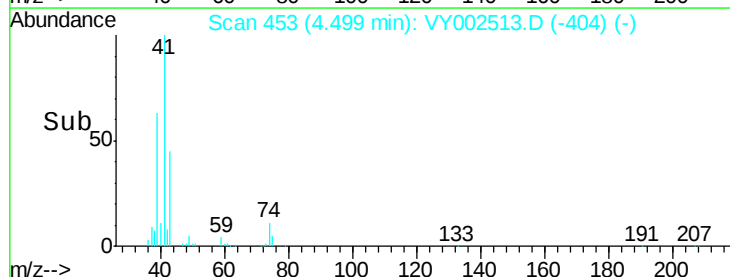
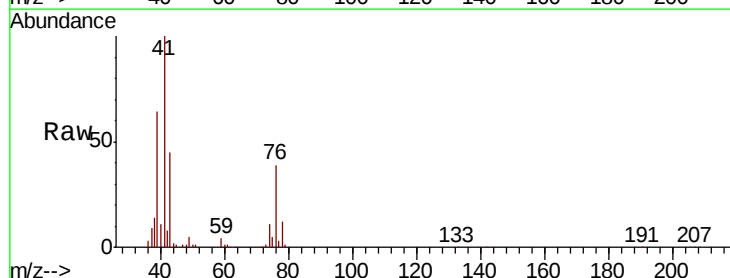
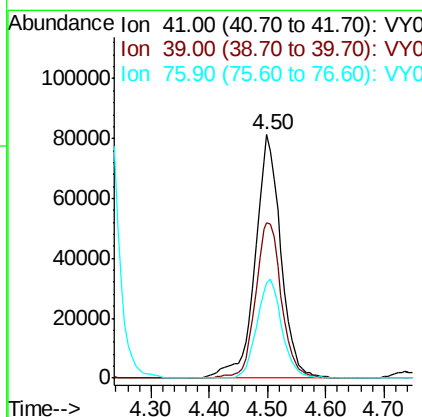
Manual Integrations
APPROVED

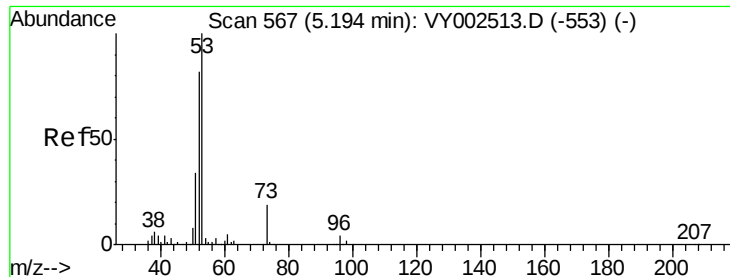
MMDadoda
5/5/2020 4:31:08 PM



#14
Allyl chloride
Concen: 53.080 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	41	Resp	248282
Ion Ratio	100	Lower	Upper
39	64.7	51.8	77.6
76	39.6	31.7	47.5





#15

Acrylonitrile

Concen: 262.631 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

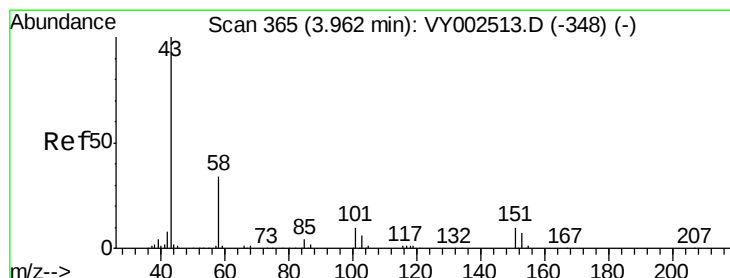
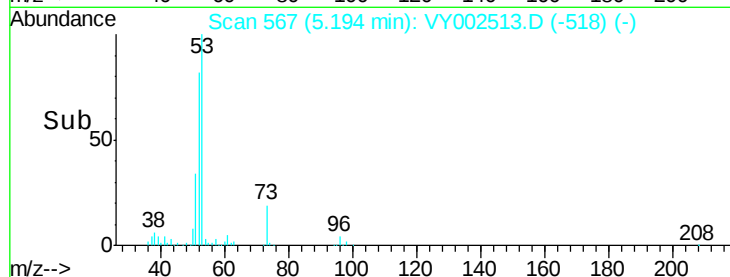
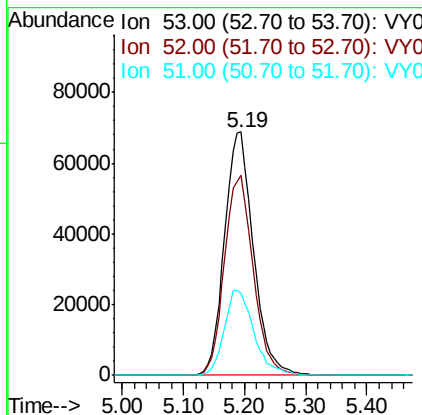
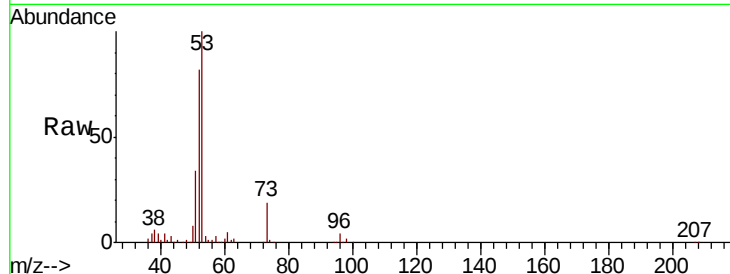
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	225043
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.4	98.0
51	35.9	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#16

Acetone

Concen: 263.240 ug/l

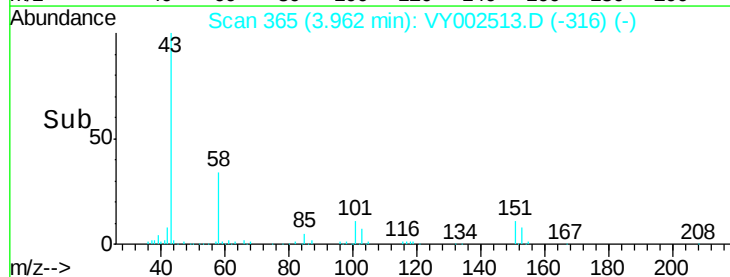
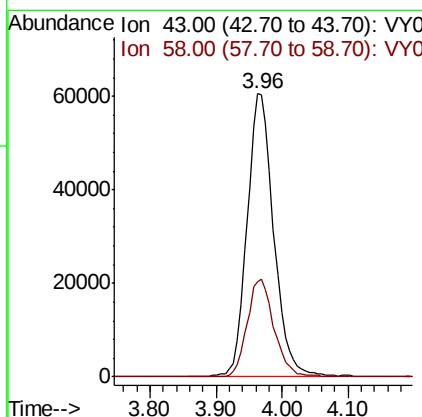
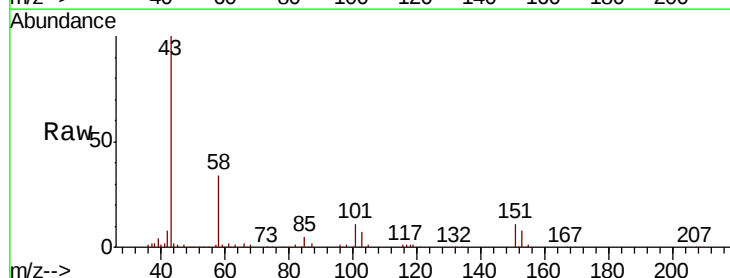
RT: 3.96 min Scan# 365

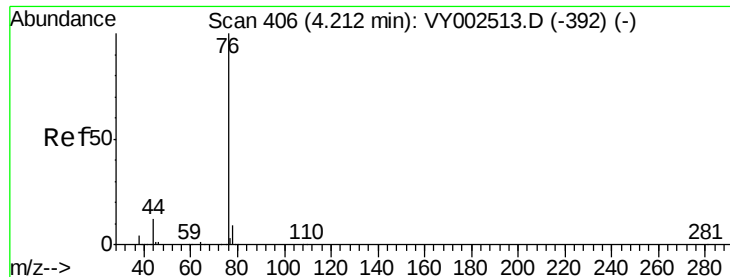
Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tgt Ion:	43	Resp:	170348
Ion Ratio	Lower	Upper	
43	100		
58	33.6	26.9	40.3





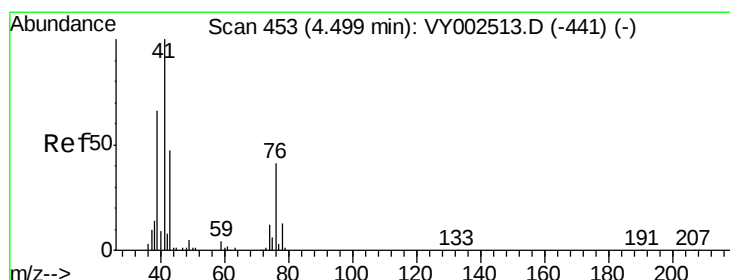
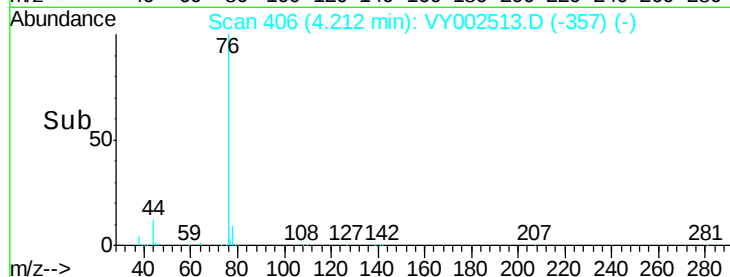
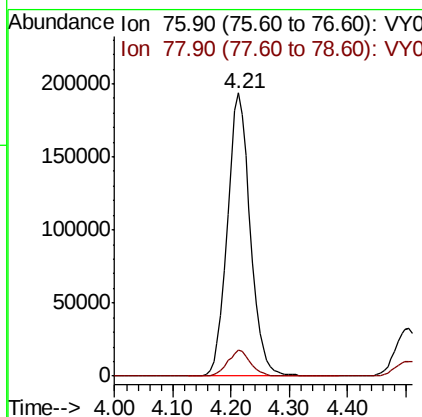
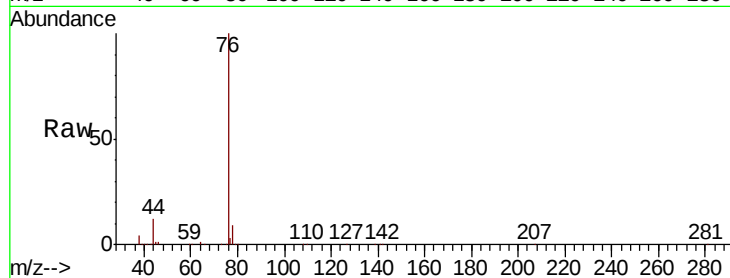
#17
Carbon Disulfide
Concen: 54.651 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

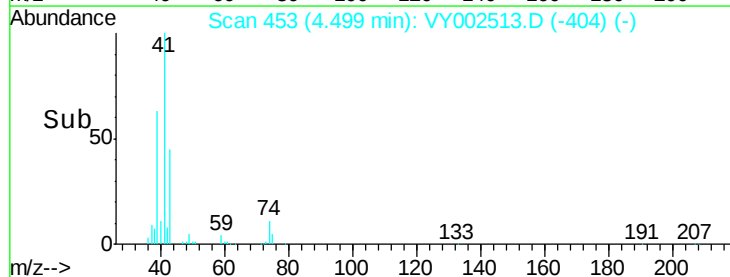
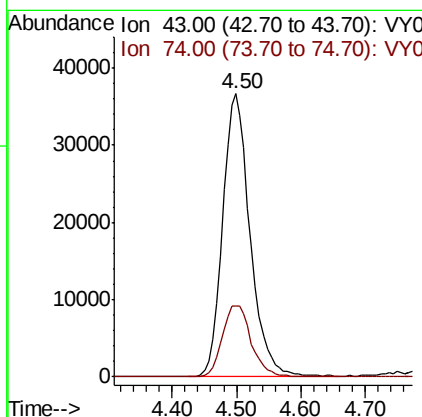
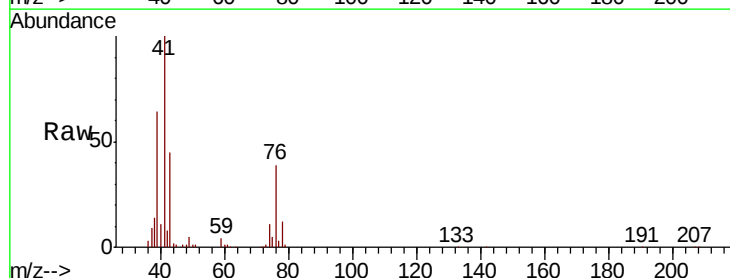
Manual Integrations
APPROVED

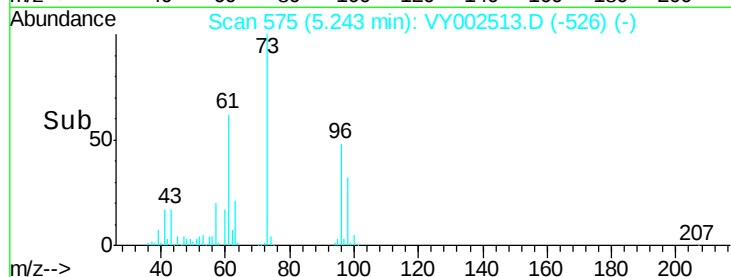
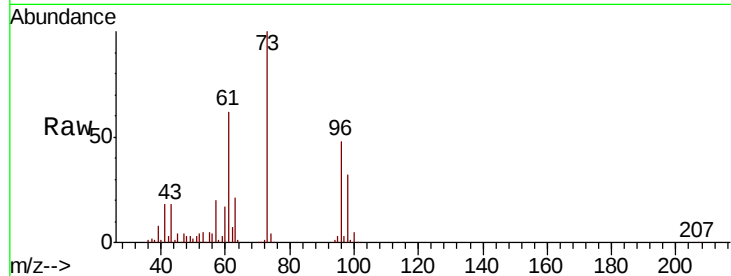
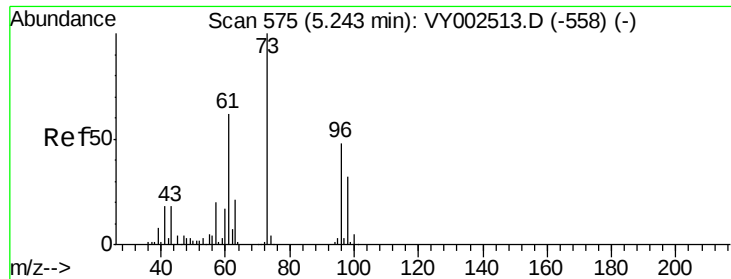
MMDadoda
5/5/2020 4:31:08 PM



#18
Methyl Acetate
Concen: 50.807 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.2	31.8





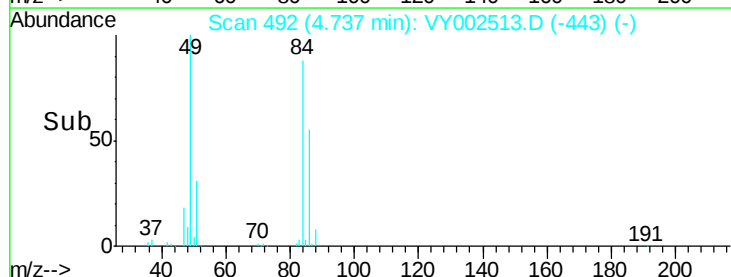
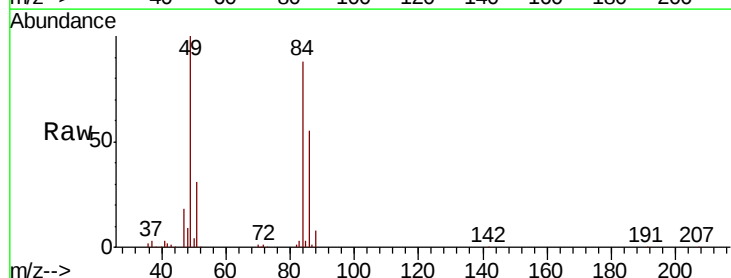
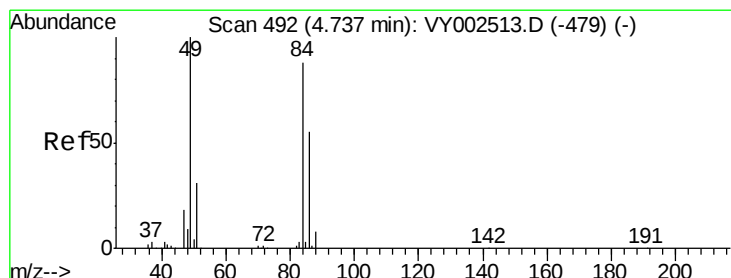
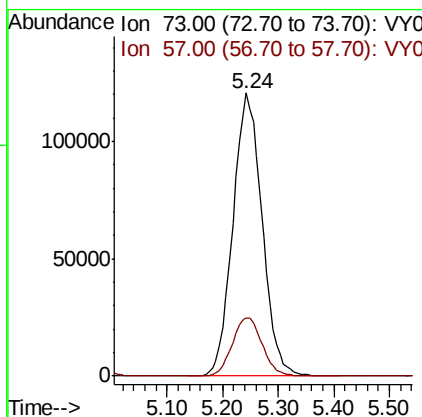
#19
Methvl tert-butvl Ether
Concen: 52.410 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tot Ion: 73 Resp: 438971
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

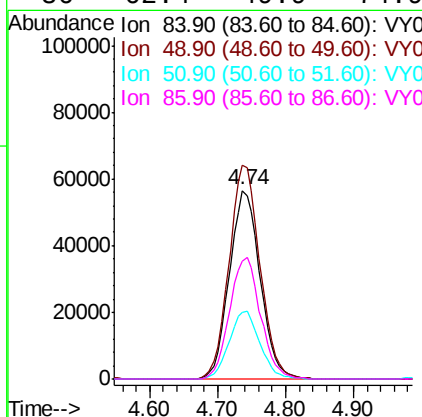
Manual Integrations
APPROVED

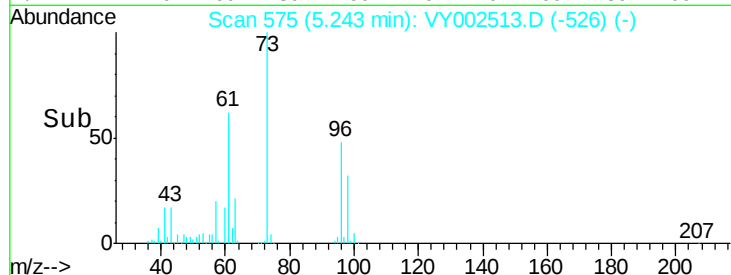
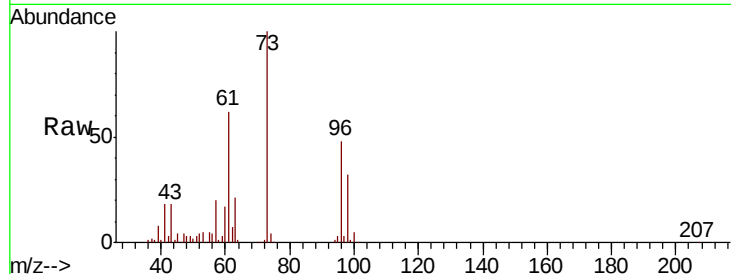
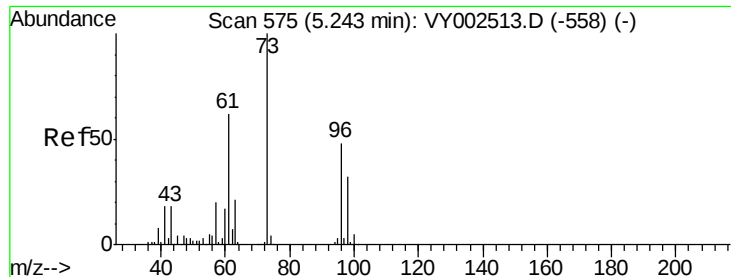
MMDadoda
5/5/2020 4:31:08 PM



#20
Methylene Chloride
Concen: 49.051 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 84 Resp: 177503
Ion Ratio Lower Upper
84 100
49 113.1 90.5 135.7
51 35.4 28.3 42.5
86 62.4 49.9 74.9





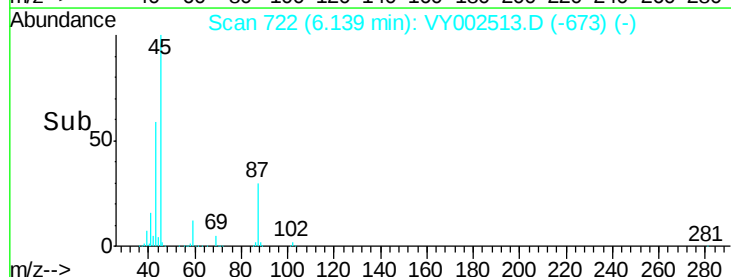
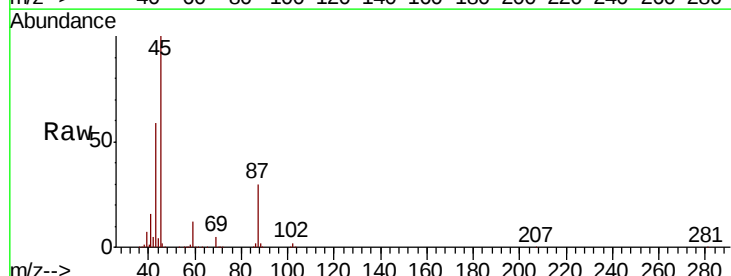
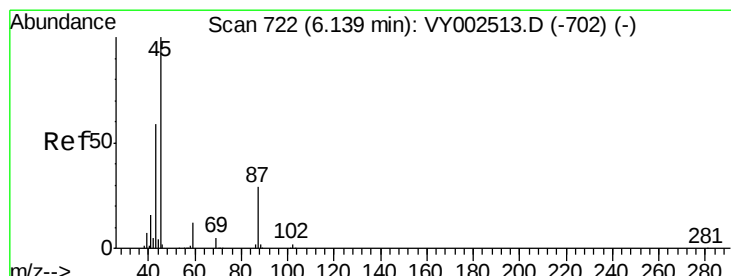
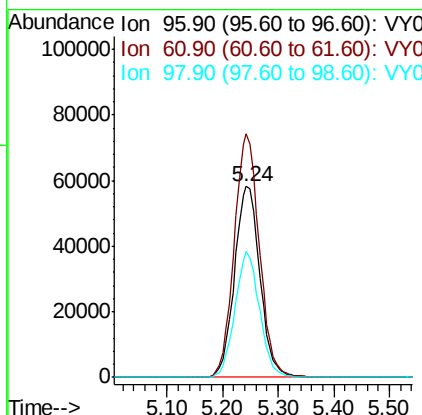
#21
trans-1,2-Dichloroethene
Concen: 52.375 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tot Ion	Ratio	Resp	Lower	Upper
96	100	183775		
61	127.5	102.0	153.0	
98	66.2	53.0	79.4	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

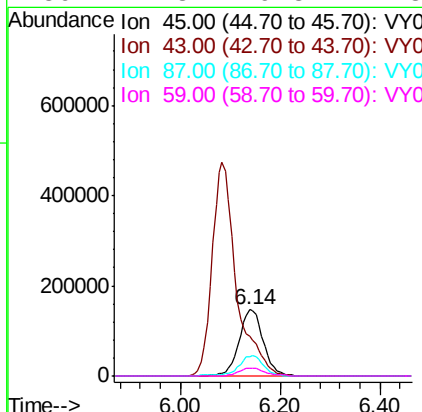
Manual Integrations
APPROVED

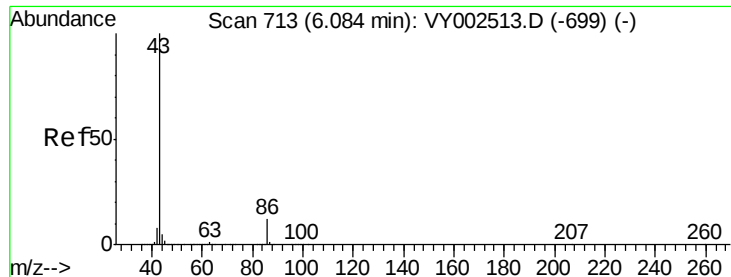
MMDadoda
5/5/2020 4:31:08 PM



#22
Diisopropyl ether
Concen: 52.266 ug/l
RT: 6.14 min Scan# 722
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	494661		
43	59.2	47.4	71.0	
87	30.0	24.0	36.0	
59	12.3	9.8	14.8	





#23

Vinyl Acetate

Concen: 268.269 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tot Ion: 43 Resp: 1596750

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.6

Instrument :

MSVOA_Y

ClientSampleId :

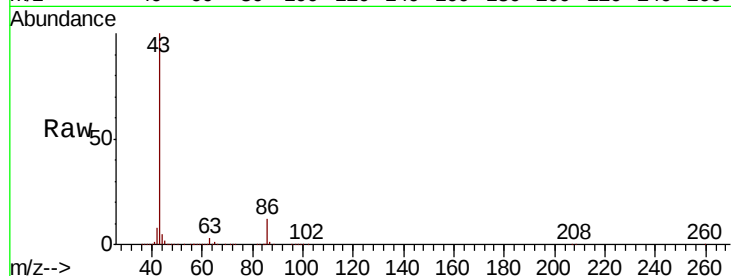
VSTDICCC050

Manual Integrations

APPROVED

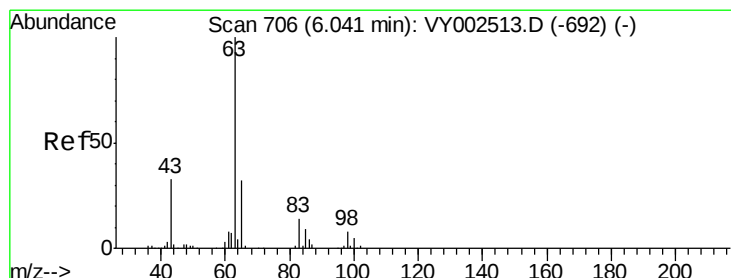
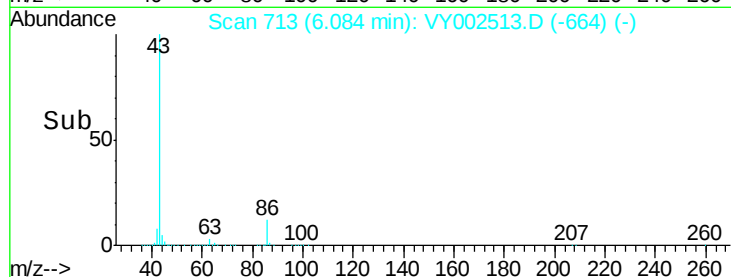
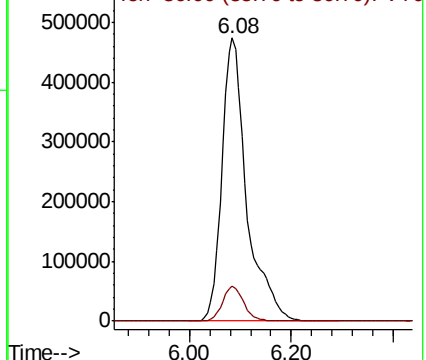
MMDadoda

5/5/2020 4:31:08 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.711 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

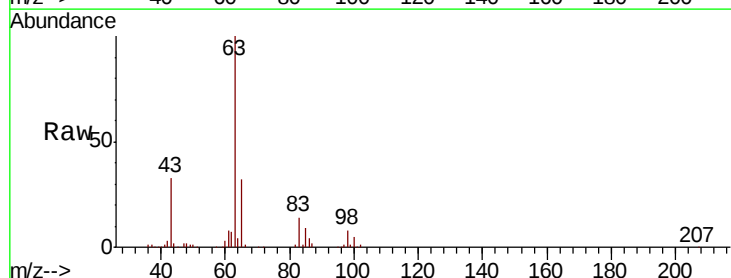
Tgt Ion: 63 Resp: 295129

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

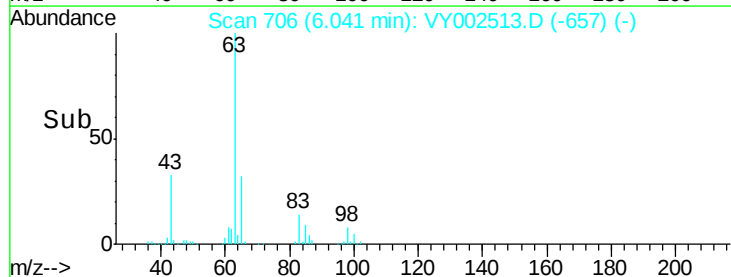
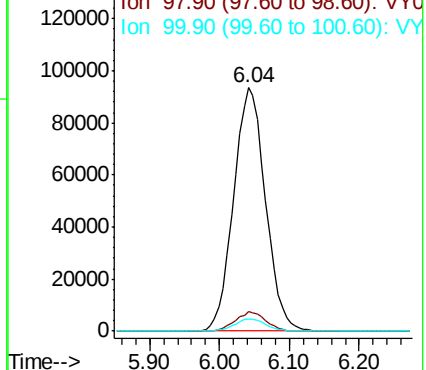
100 4.8 2.4 7.2

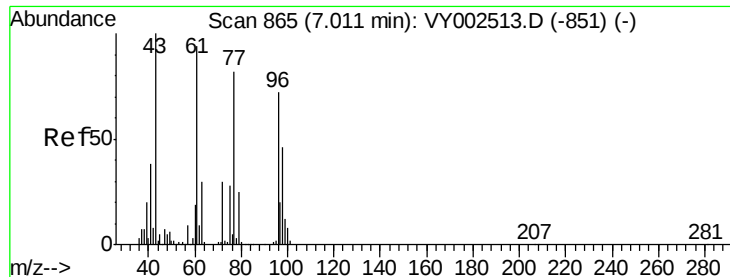


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 262.252 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 277802

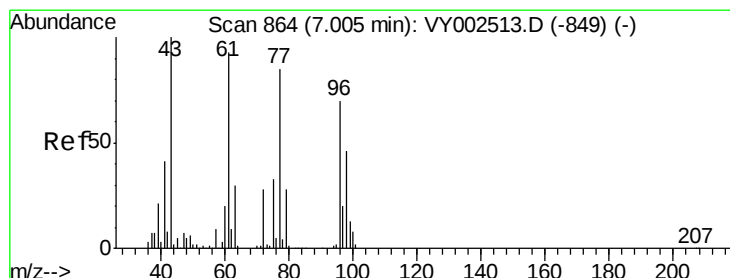
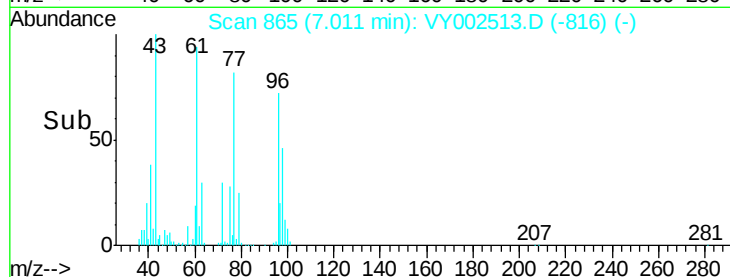
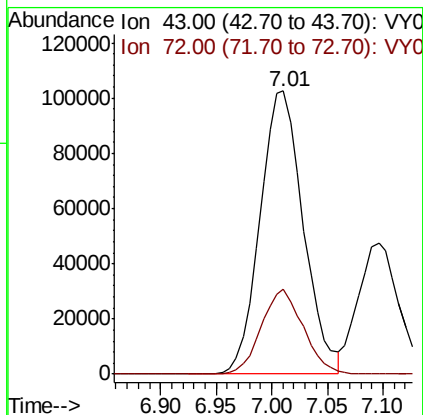
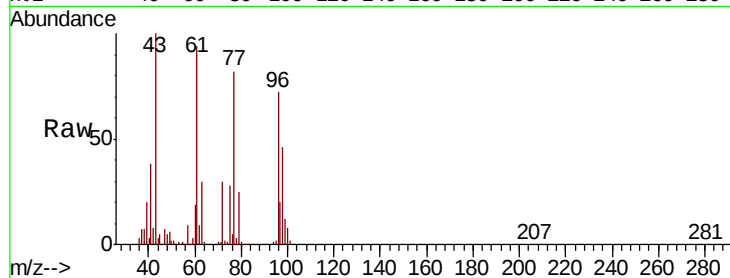
Ion Ratio Lower Upper

43 100

72 30.1 24.1 36.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#26

2,2-Dichloropropane

Concen: 50.041 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002513.D

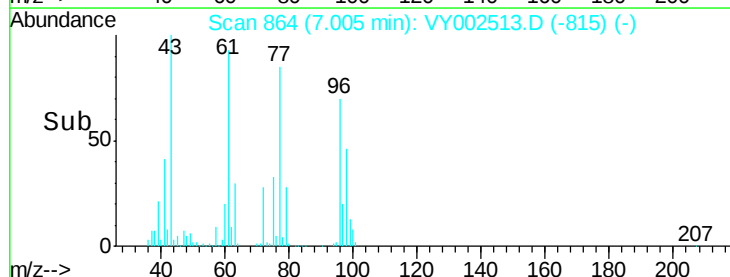
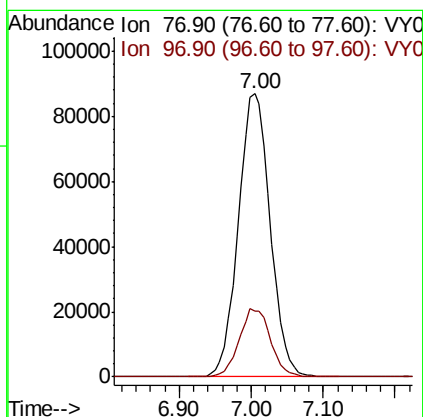
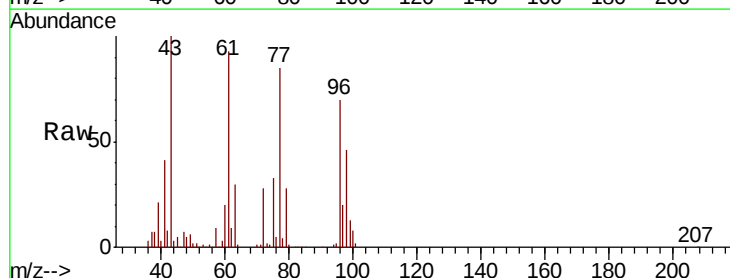
Acq: 30 Apr 2020 15:23

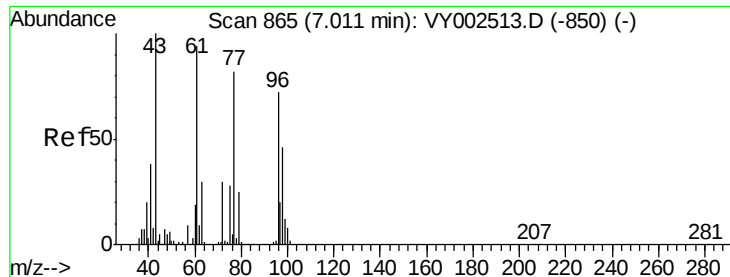
Tgt Ion: 77 Resp: 266319

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

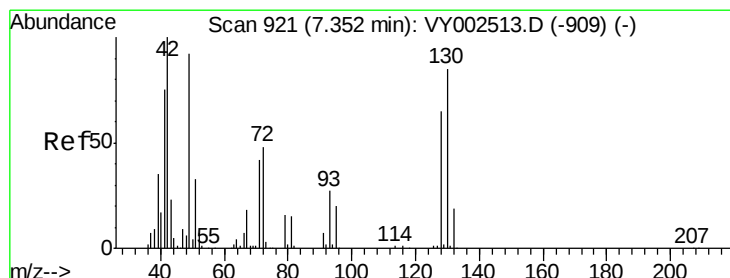
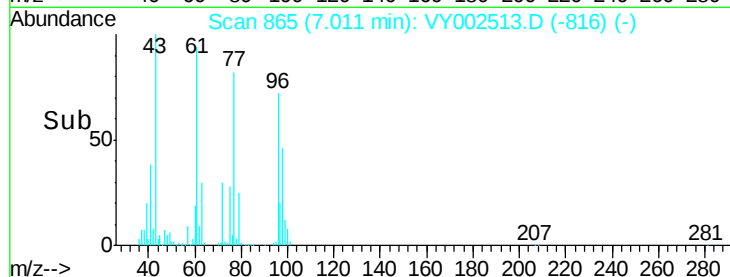
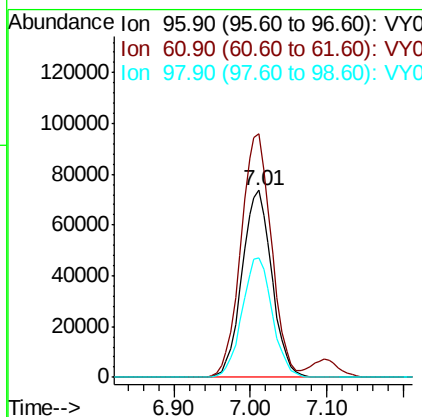
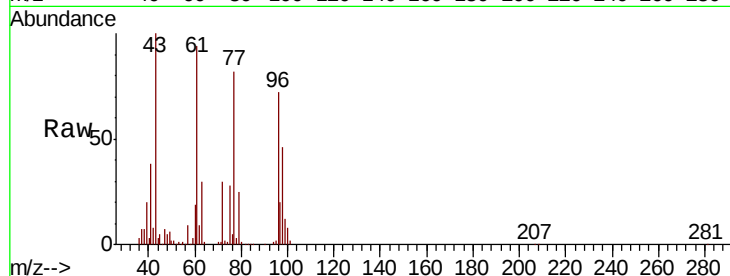
cis-1,2-Dichloroethene
 Concen: 51.425 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	199654		
61	133.3		0.0	266.6
98	64.6		0.0	129.2

Manual Integrations
 APPROVED

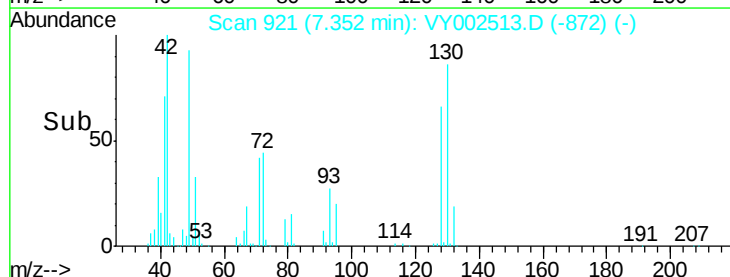
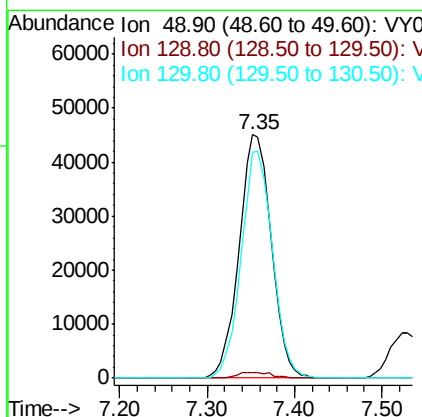
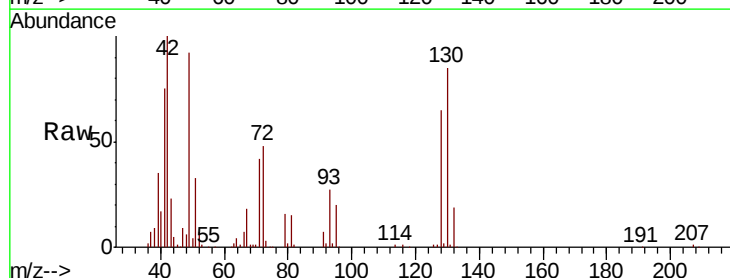
MMDadoda
 5/5/2020 4:31:08 PM

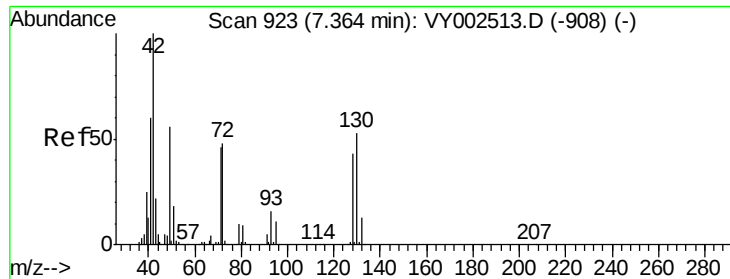


#28

Bromochloromethane
 Concen: 50.426 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115678		
129	2.4		0.0	4.8
130	90.6		72.5	108.7





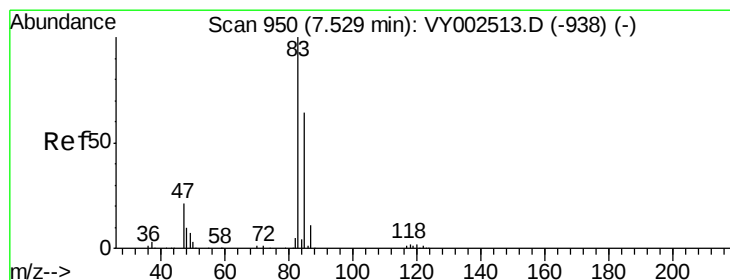
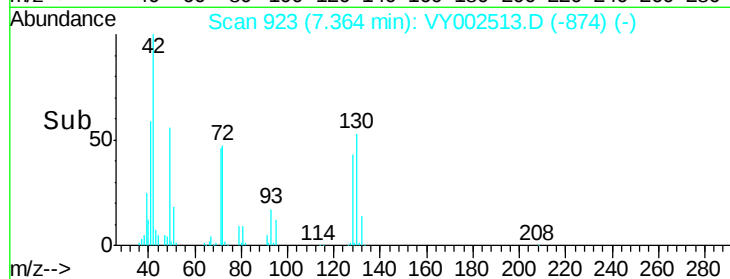
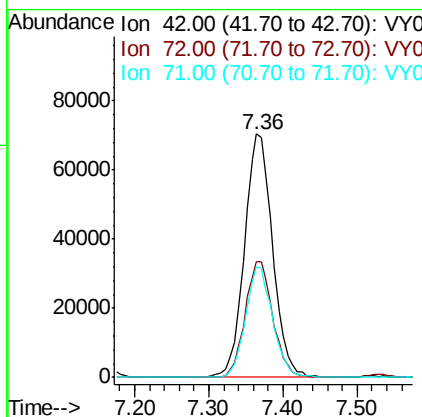
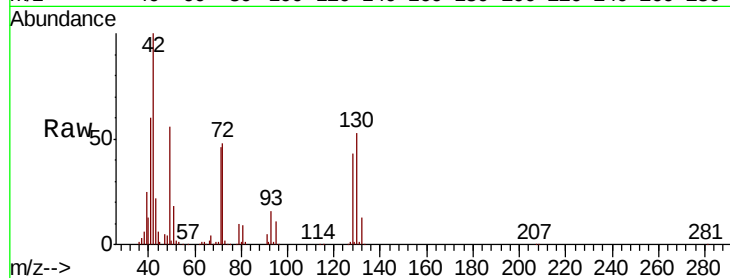
#29
Tetrahydrofuran
Concen: 266.079 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:	42	Resp:	186481
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	43.7	35.0	52.4

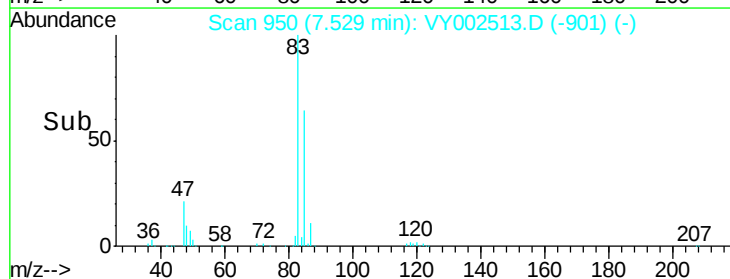
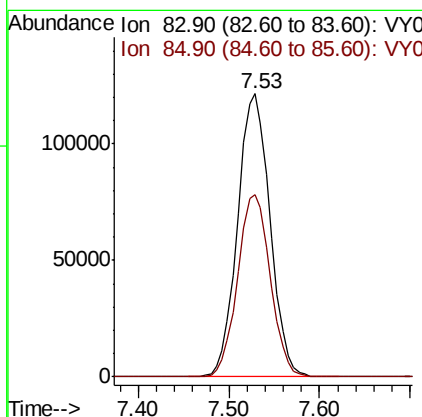
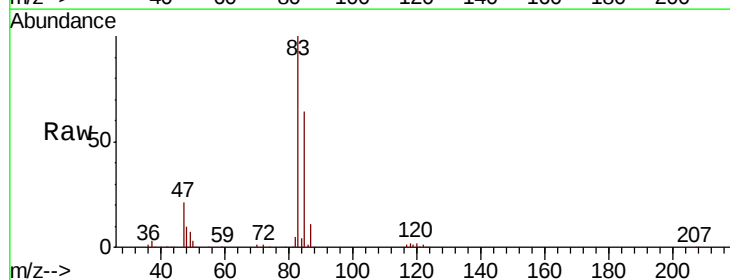
Manual Integrations
APPROVED

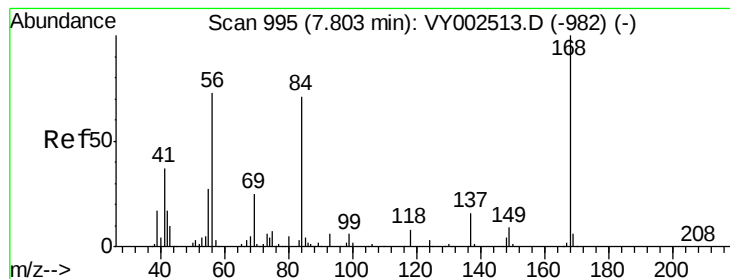
MMDadoda
5/5/2020 4:31:08 PM



#30
Chloroform
Concen: 51.723 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:	83	Resp:	301117
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 50.163 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 282710

Ion Ratio Lower Upper

56 100

69 34.5 27.6 41.4

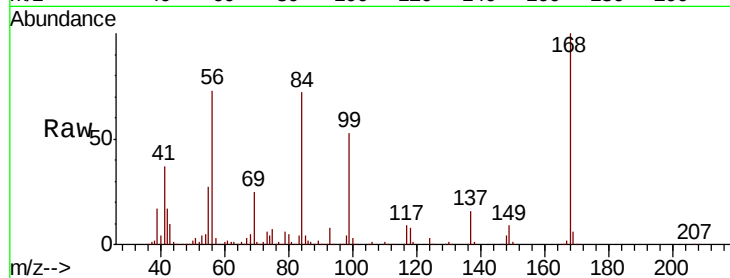
84 97.1 77.7 116.5

Manual Integrations

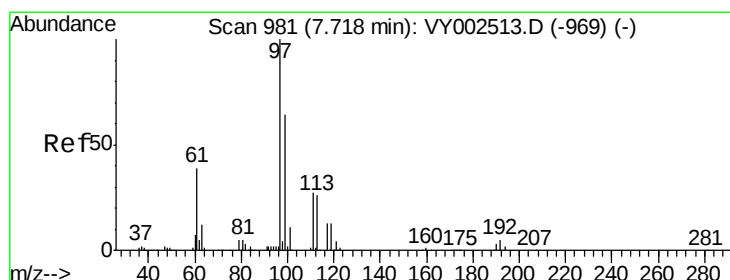
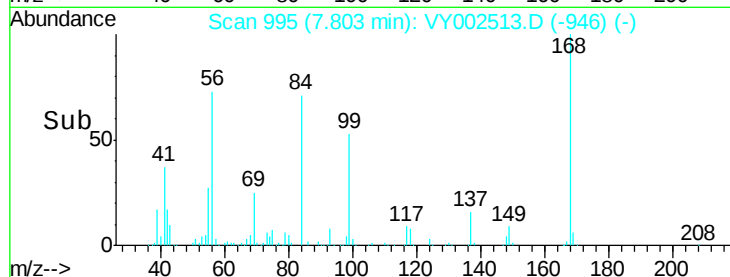
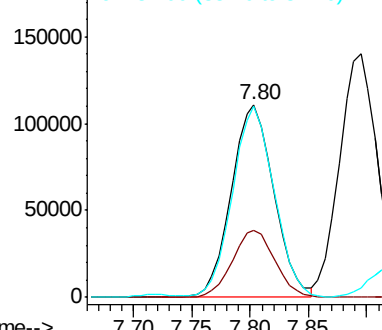
APPROVED

MMDadoda

5/5/2020 4:31:08 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.864 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

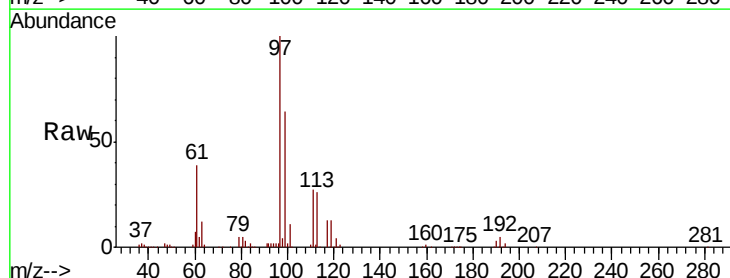
Tgt Ion: 97 Resp: 280643

Ion Ratio Lower Upper

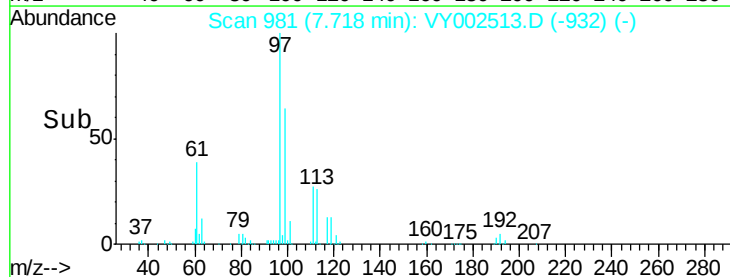
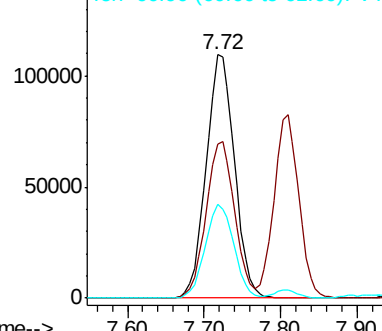
97 100

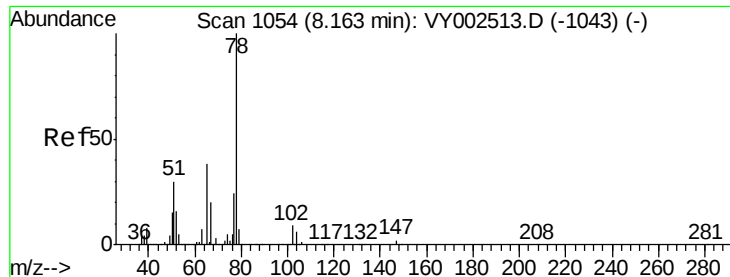
99 64.9 51.9 77.9

61 38.8 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





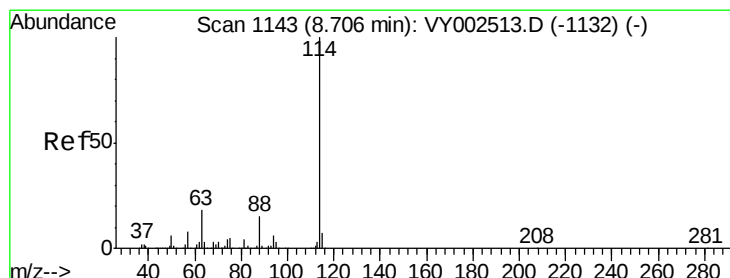
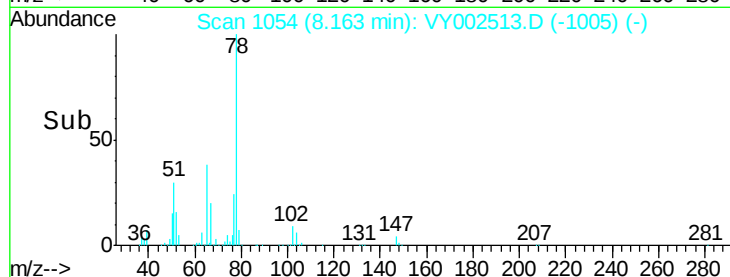
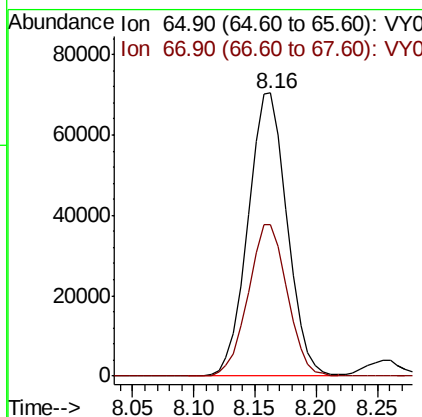
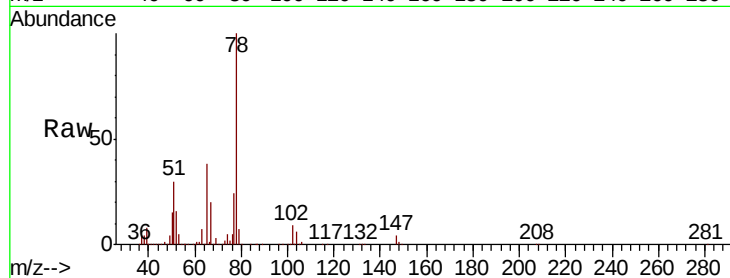
#33
 1,2-Dichloroethane-d4
 Concen: 49.957 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	107.2	

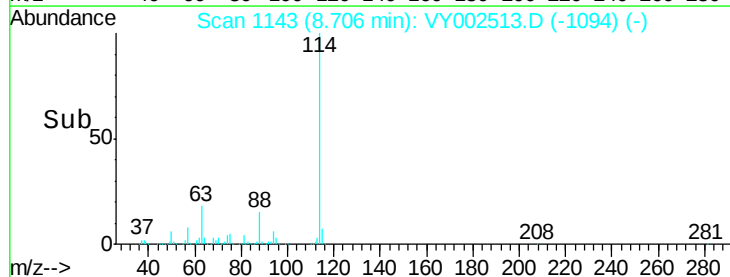
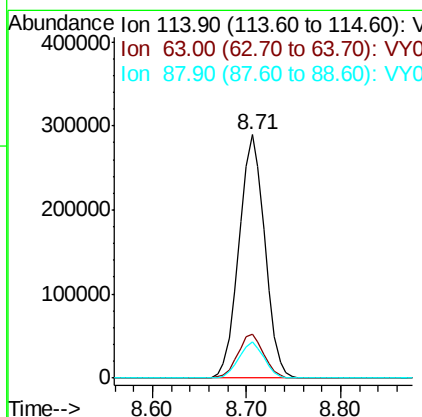
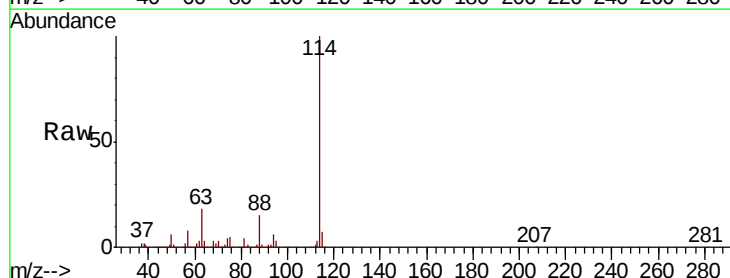
Manual Integrations
 APPROVED

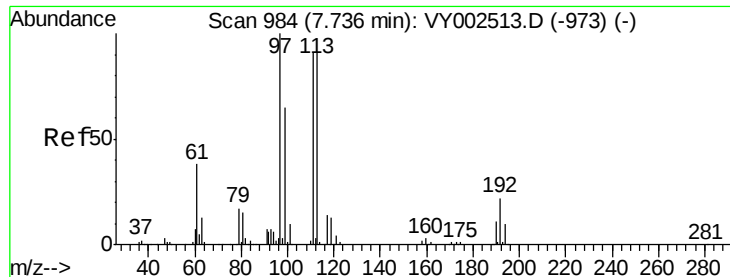
MMDadoda
 5/5/2020 4:31:08 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	36.4	
88	14.8	0.0	29.6	





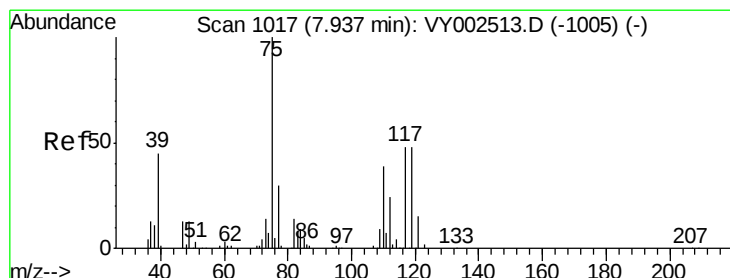
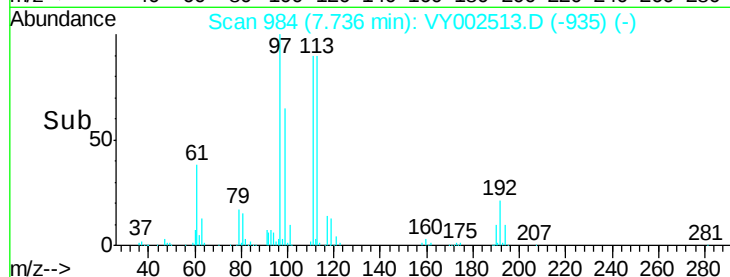
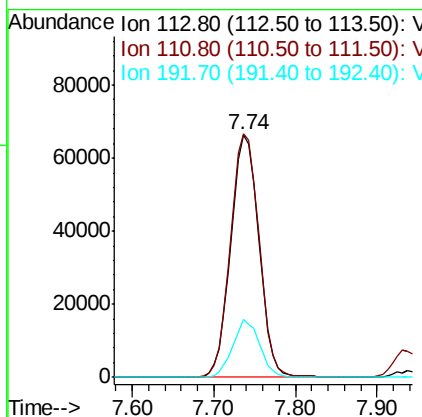
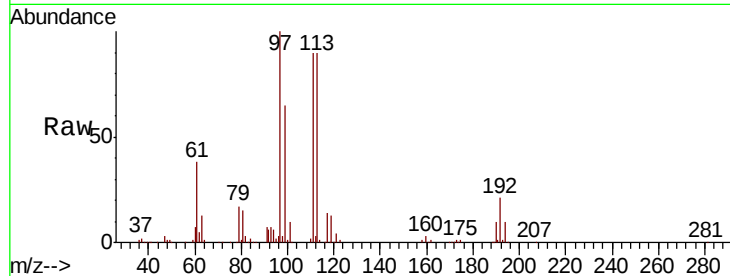
#35
 Dibromofluoromethane
 Concen: 49.912 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.8	18.2	27.4

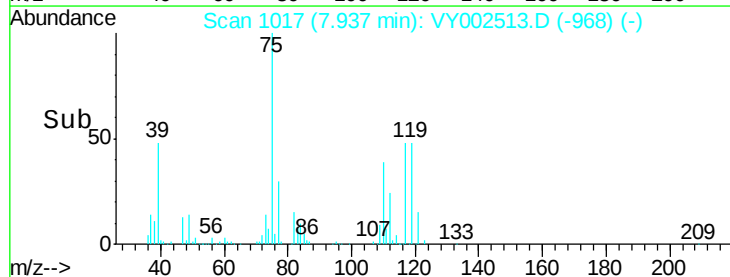
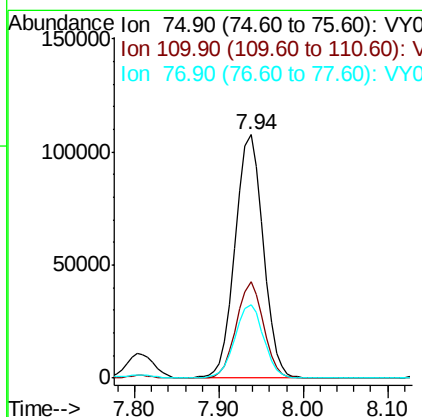
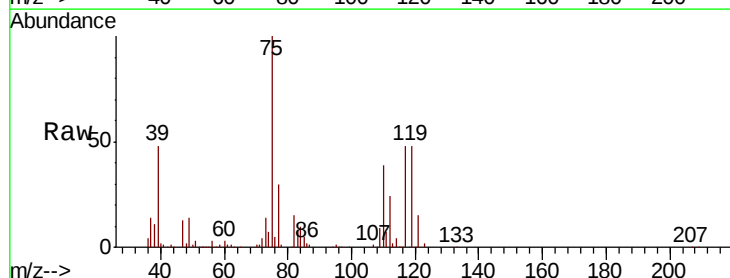
Manual Integrations
 APPROVED

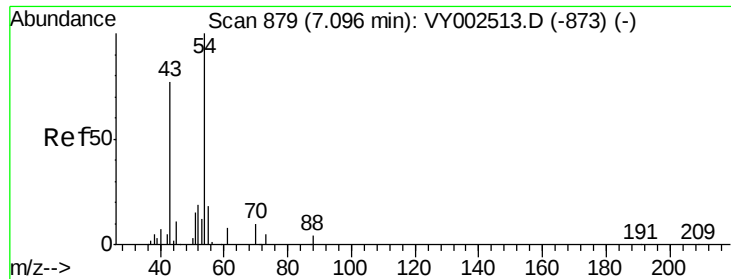
MMDadoda
 5/5/2020 4:31:08 PM



#36
 1,1-Dichloropropene
 Concen: 52.159 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.3
77	30.8	24.6	37.0





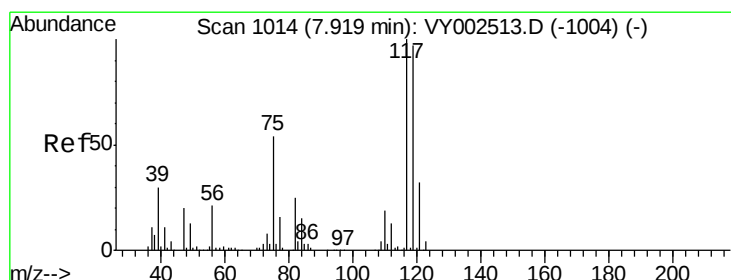
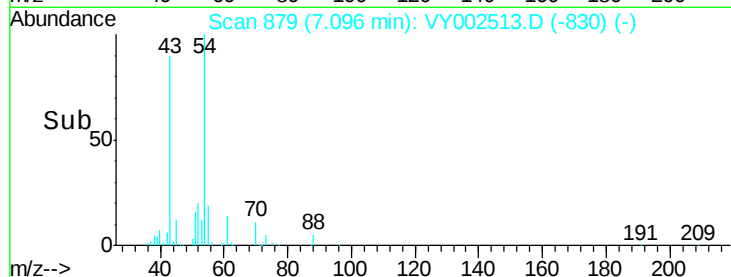
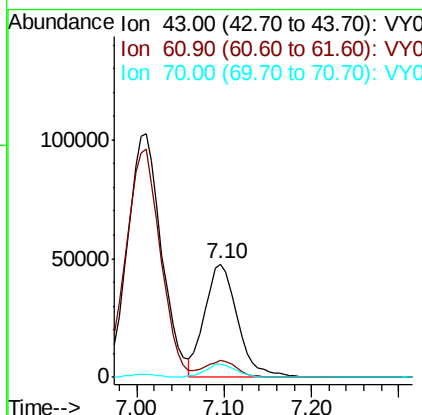
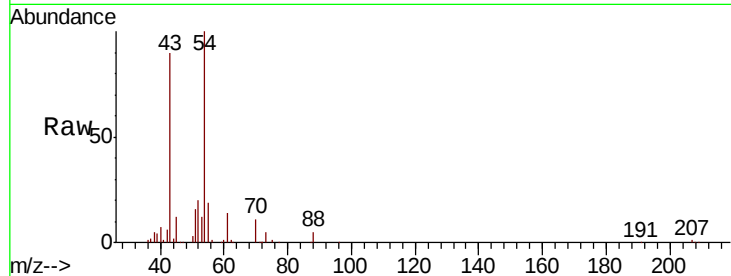
#37
Ethyl Acetate
Concen: 52.163 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	124357
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.6	17.4
70	11.3	9.0	13.6

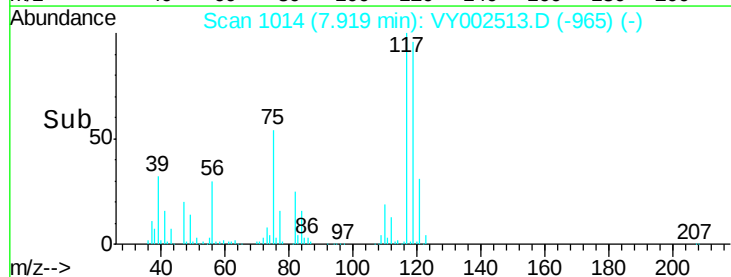
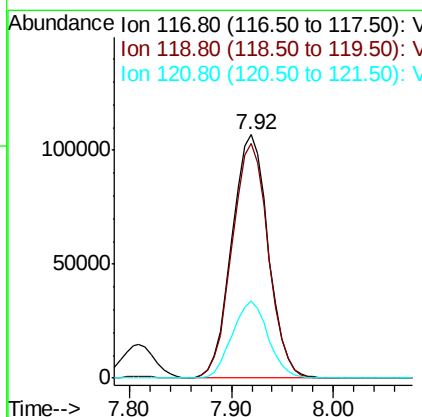
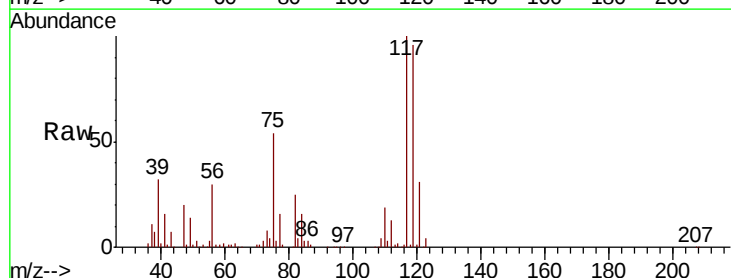
Manual Integrations
APPROVED

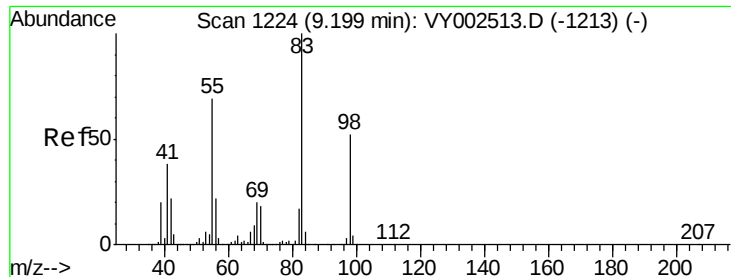
MMDadoda
5/5/2020 4:31:08 PM



#38
Carbon Tetrachloride
Concen: 52.273 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	117	Resp	264757
Ion Ratio	Lower	Upper	
117	100		
119	96.4	77.1	115.7
121	31.5	25.2	37.8





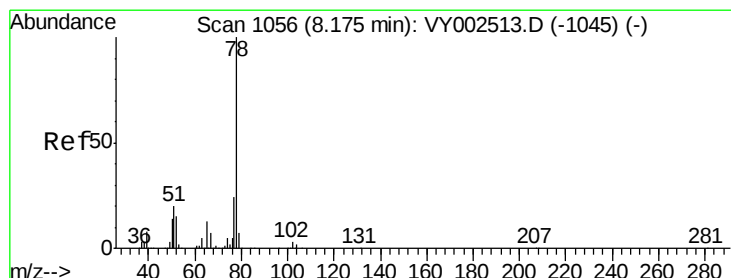
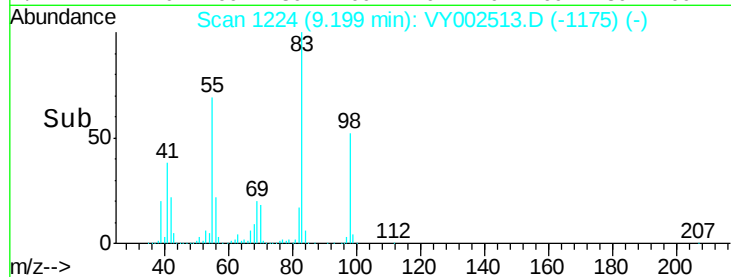
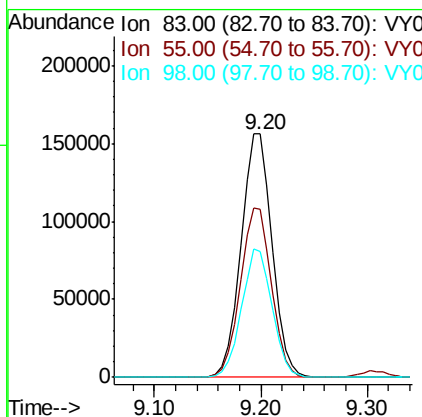
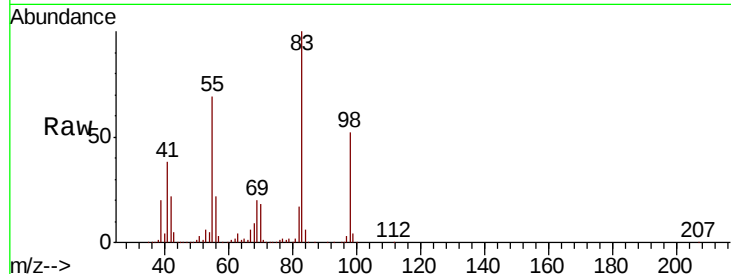
#39
Methvlcvclohexane
Concen: 52.145 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	55.4	83.0
98	51.6	41.3	61.9

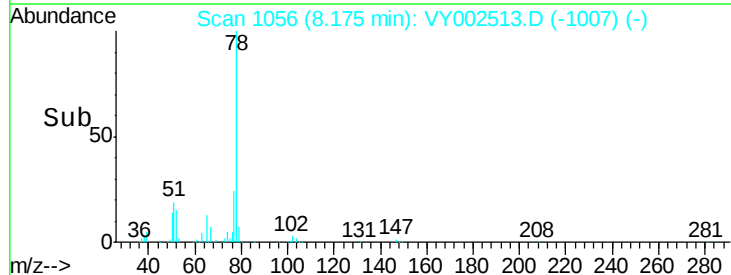
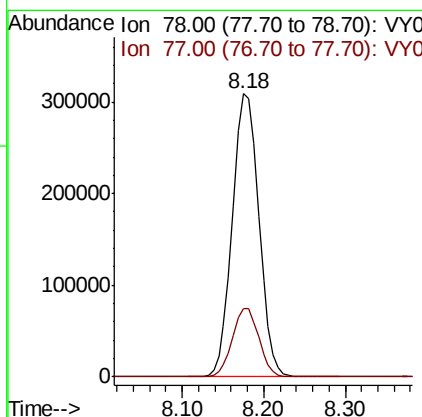
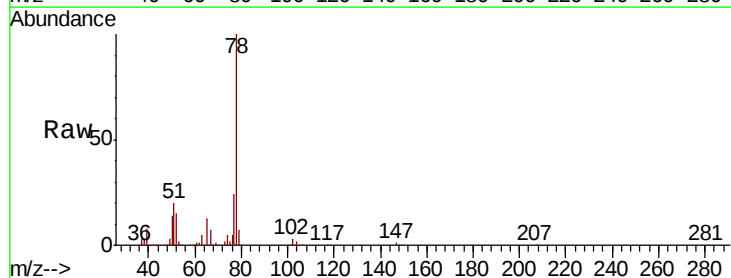
Manual Integrations
APPROVED

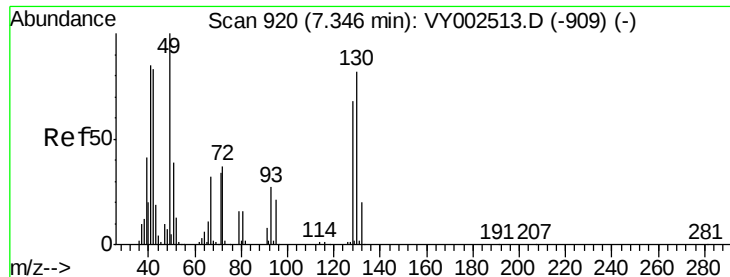
MMDadoda
5/5/2020 4:31:08 PM



#40
Benzene
Concen: 51.695 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





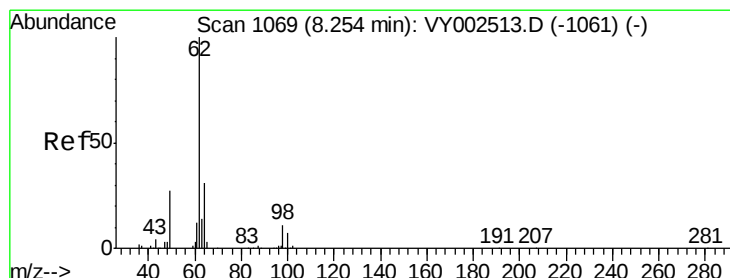
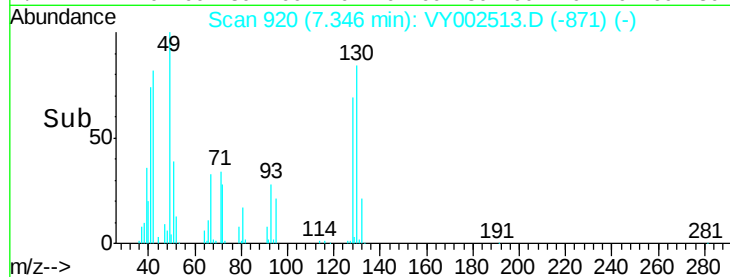
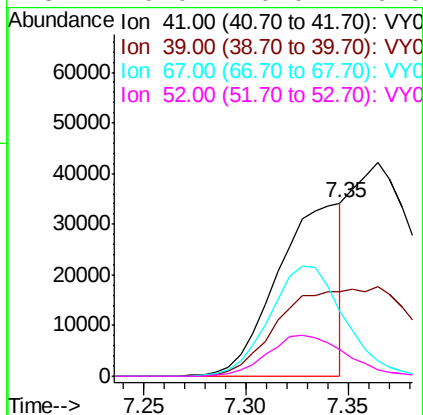
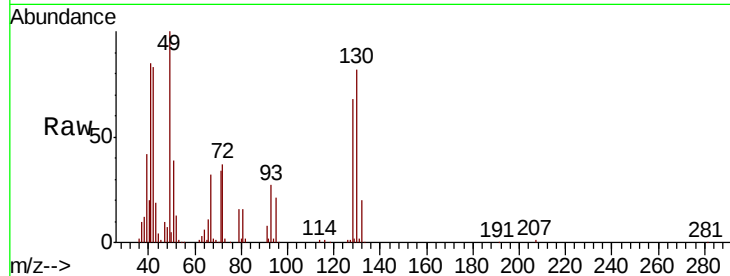
#41
Methacrylonitrile
Concen: 60.833 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	75809
Ion	Ratio	Lower	Upper
41	100		
39	103.7	83.1	124.7
67	0.0	0.0	0.0
52	0.0	0.0	0.0

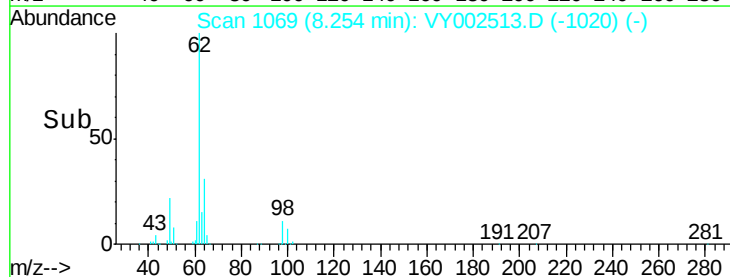
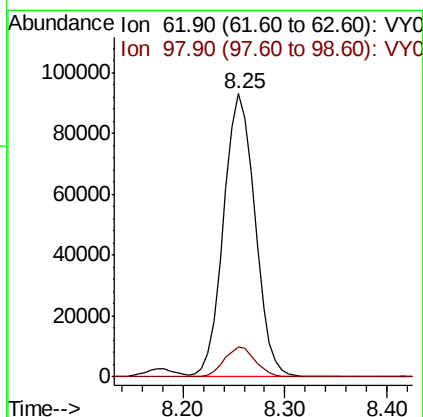
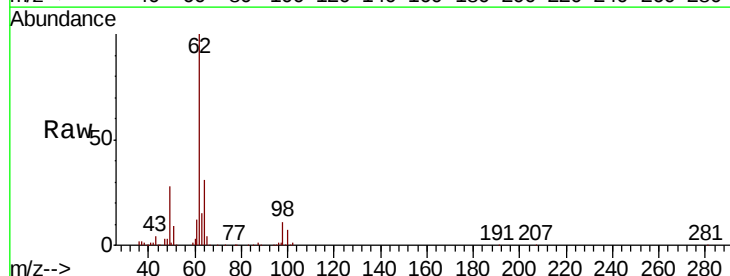
Manual Integrations
APPROVED

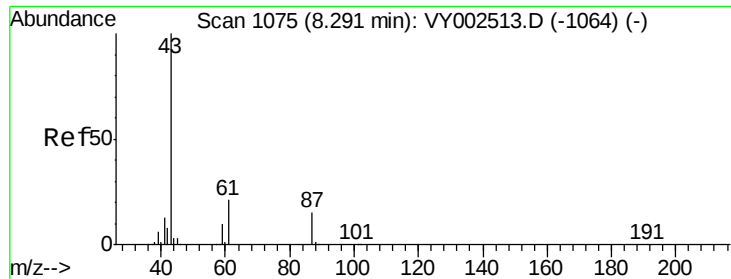
MMDadoda
5/5/2020 4:31:08 PM



#42
1,2-Dichloroethane
Concen: 52.914 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:	62	Resp:	198875
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





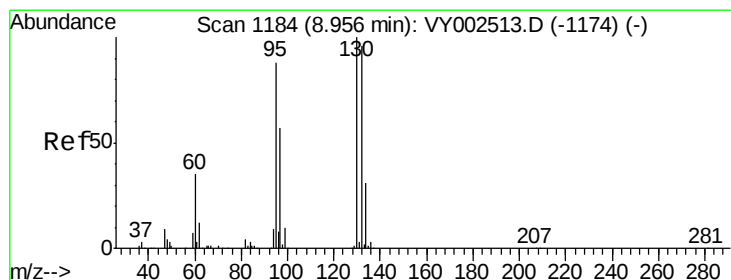
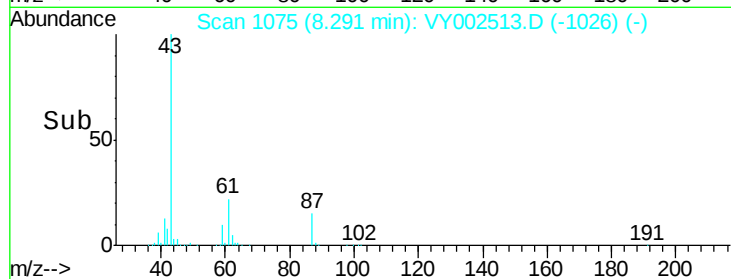
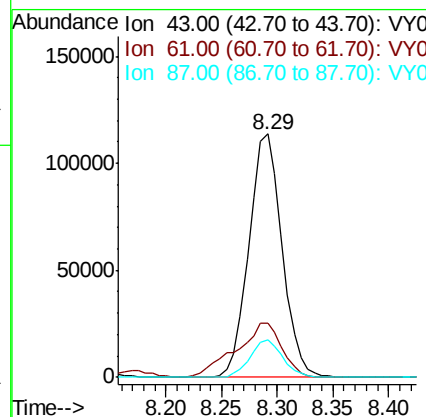
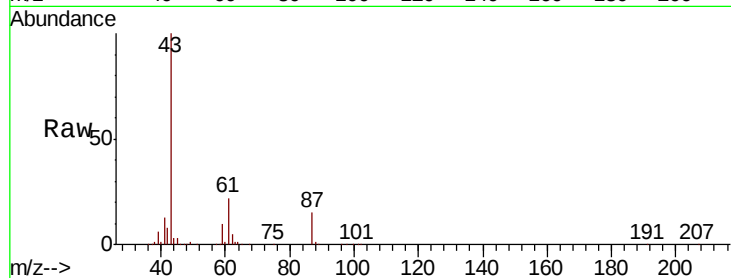
#43
Isopropyl Acetate
Concen: 52.609 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	15.2	12.2	18.2

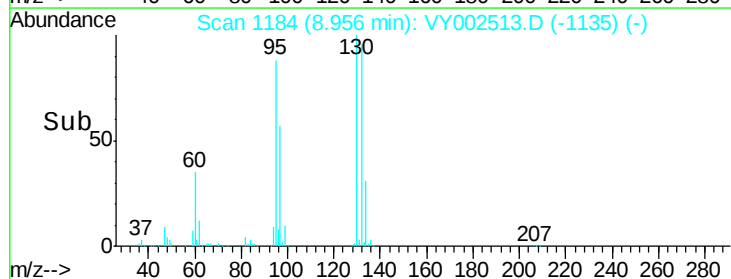
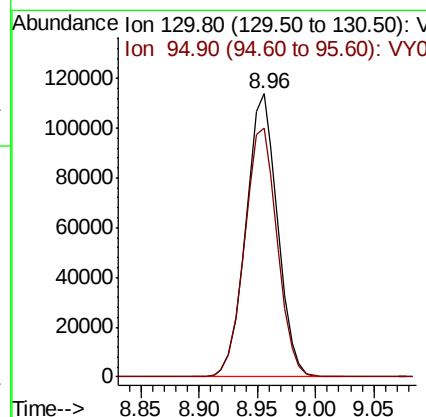
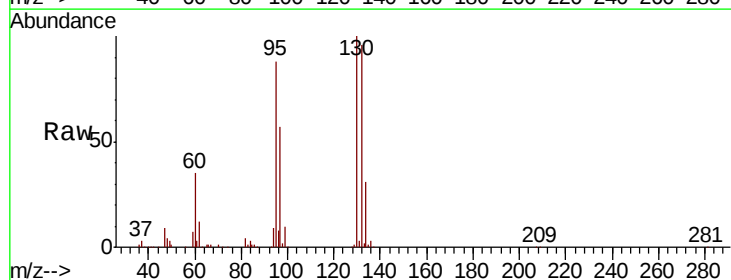
Manual Integrations
APPROVED

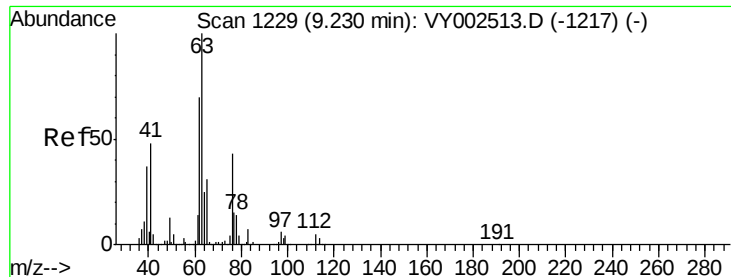
MMDadoda
5/5/2020 4:31:08 PM



#44
Trichloroethene
Concen: 51.385 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	175.8





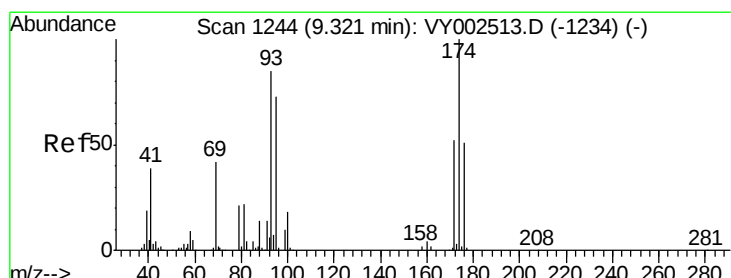
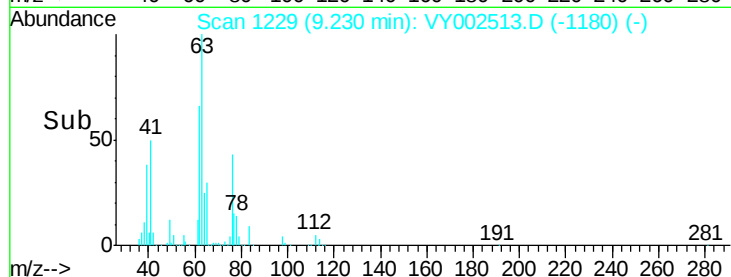
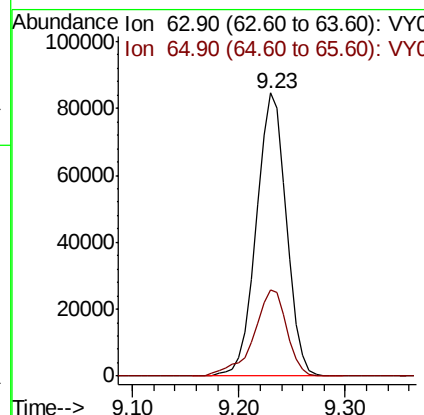
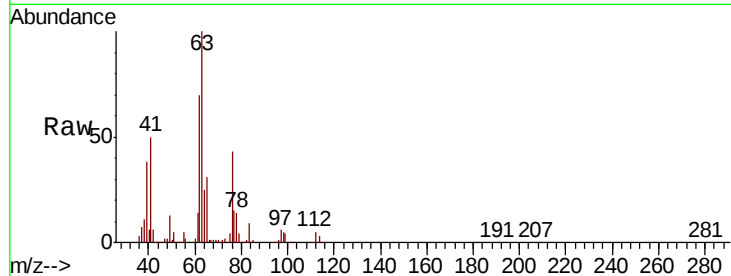
#45
 1,2-Dichloropropane
 Concen: 51.791 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.5	36.7

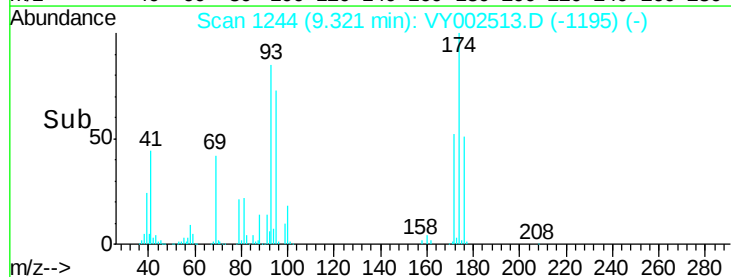
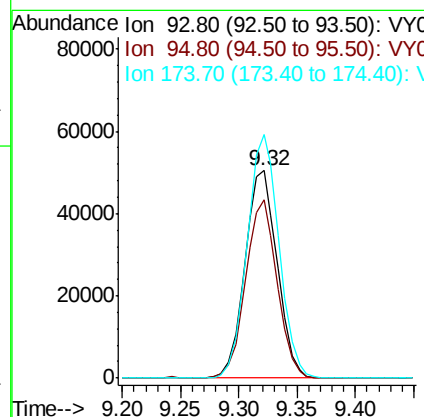
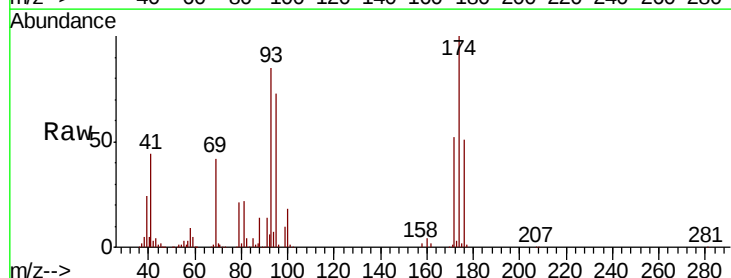
Manual Integrations
 APPROVED

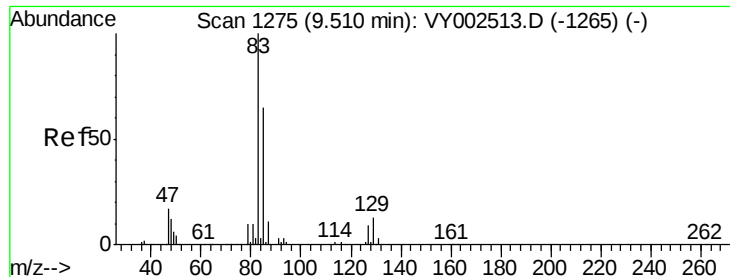
MMDadoda
 5/5/2020 4:31:08 PM



#46
 Dibromomethane
 Concen: 52.288 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.0	100.4
174	115.9	92.7	139.1





#47

Bromodichloromethane

Concen: 52.020 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

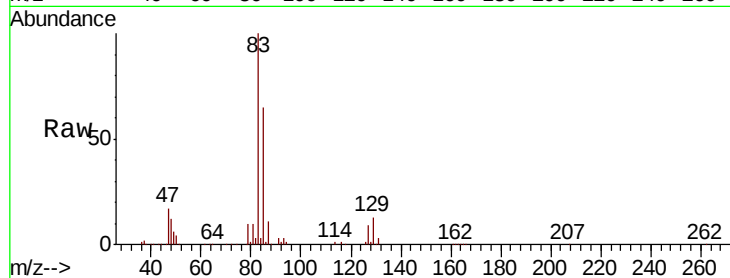
ClientSampleId :

VSTDICCC050

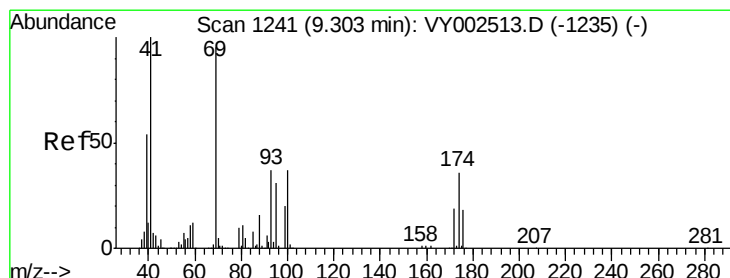
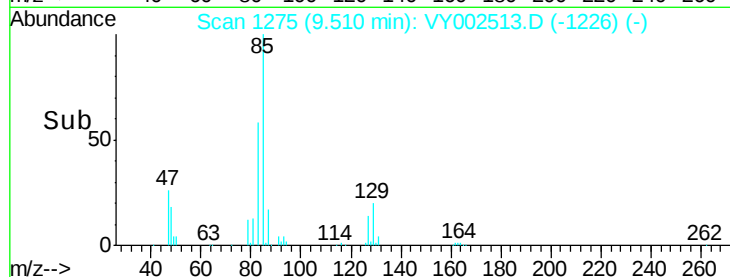
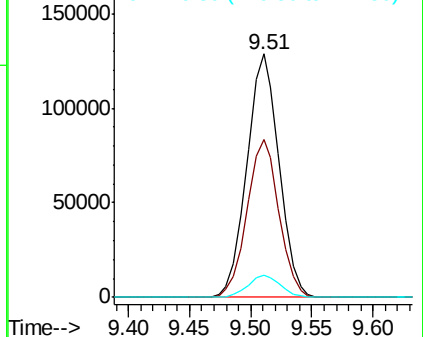
Tot Ion:	83	Resp:	235344
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	9.2	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 53.622 ug/l

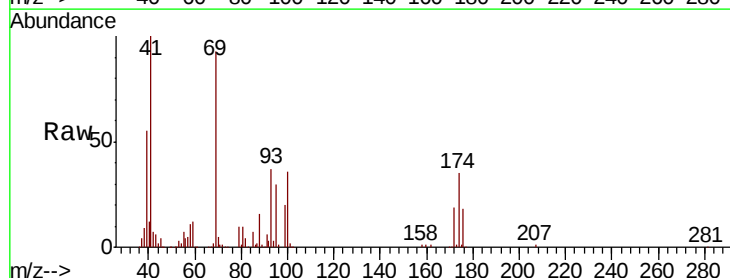
RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

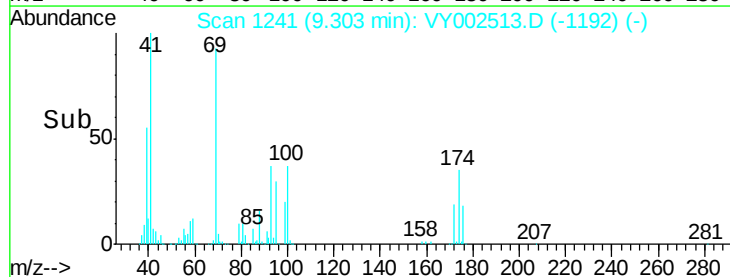
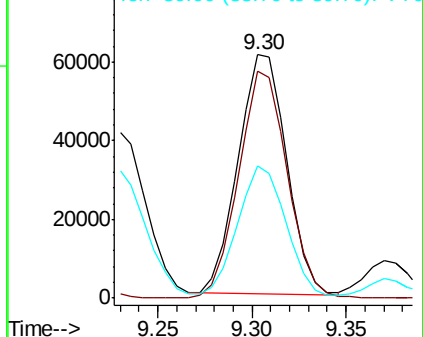
Lab File: VY002513.D

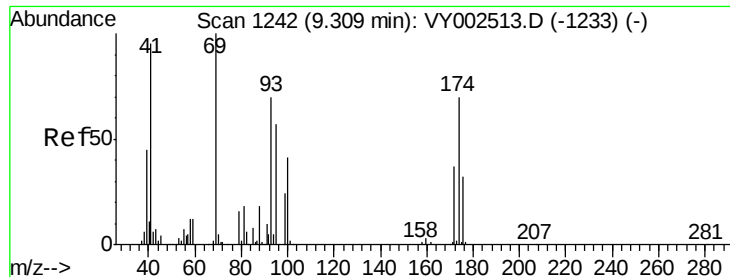
Acq: 30 Apr 2020 15:23

Tgt Ion:	41	Resp:	108459
Ion	Ratio	Lower	Upper
41	100		
69	95.3	76.2	114.4
39	53.4	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





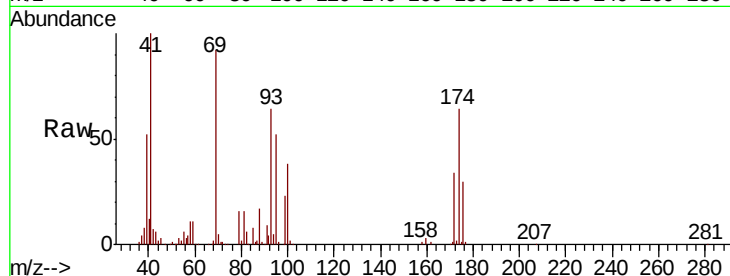
#49
1,4-Dioxane
Concen: 1074.646 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

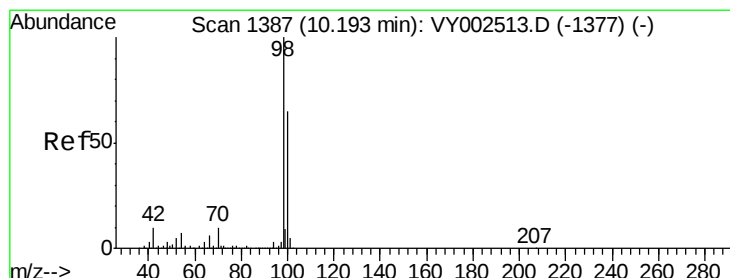
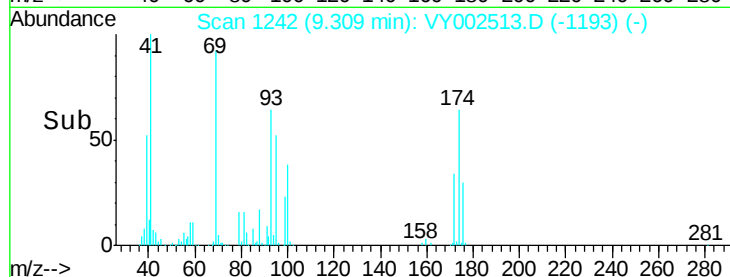
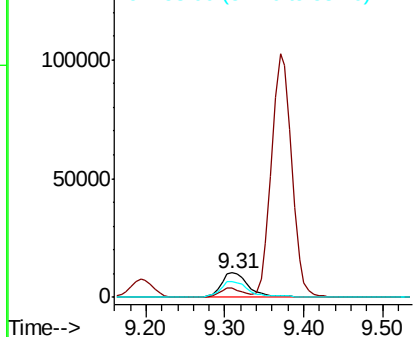
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.8	34.2
58	64.3	51.4	77.2

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM

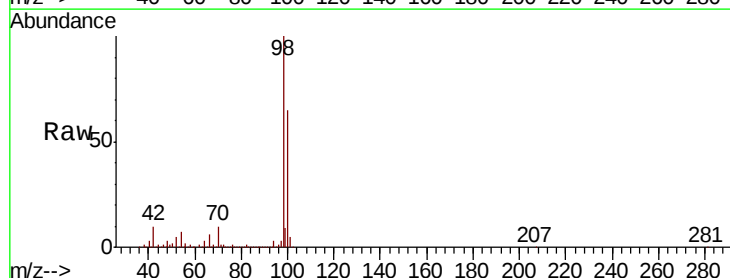


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

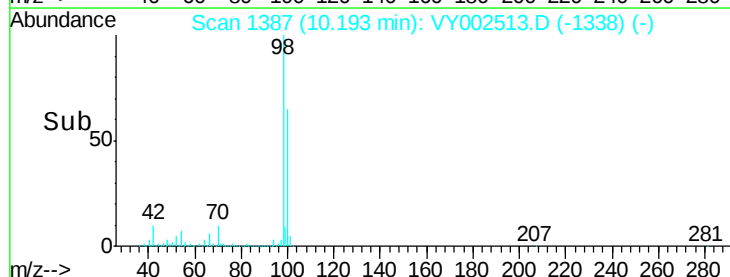
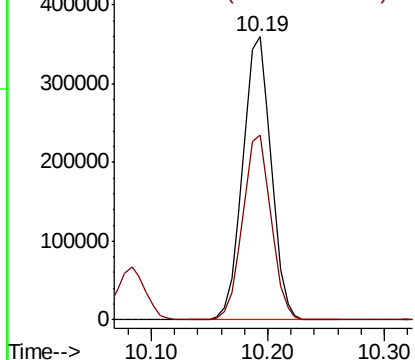


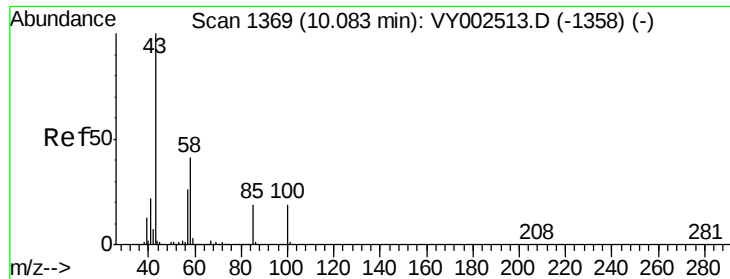
#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



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





#51

4-Methyl-2-Pentanone

Concen: 269.143 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 620014

Ion Ratio Lower Upper

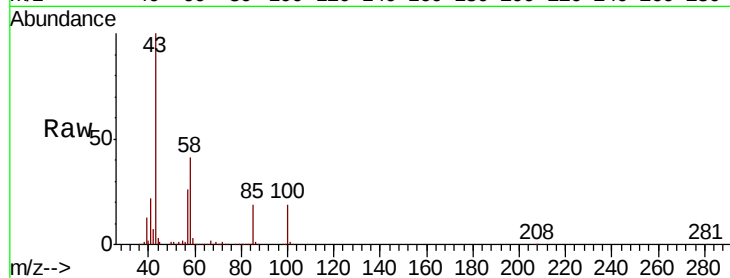
43 100

58 41.5 33.2 49.8

Manual Integrations
APPROVED

MMDadoda

5/5/2020 4:31:08 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

400000

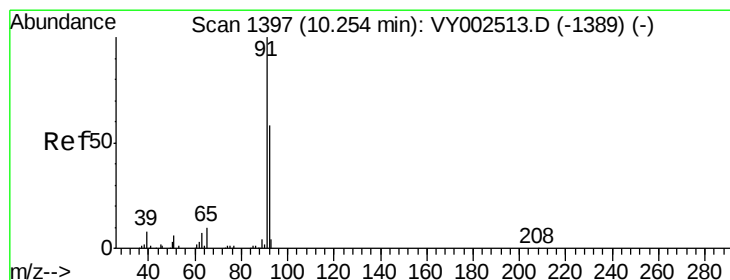
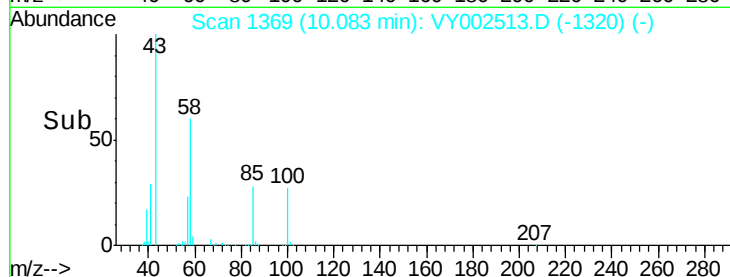
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.842 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002513.D

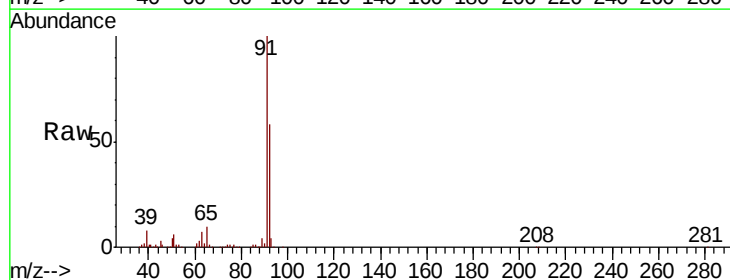
Acq: 30 Apr 2020 15:23

Tgt Ion: 92 Resp: 446430

Ion Ratio Lower Upper

92 100

91 174.1 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

500000

400000

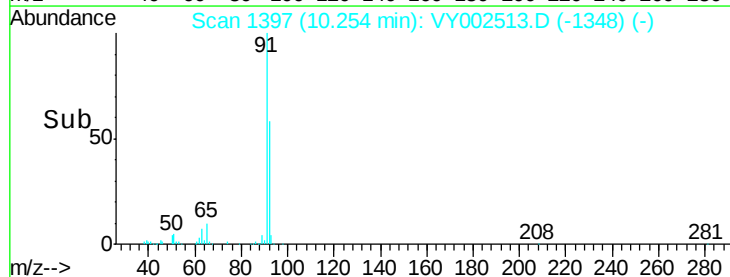
300000

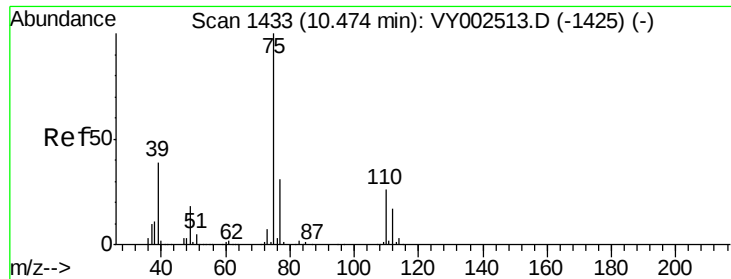
200000

100000

0

Time-->





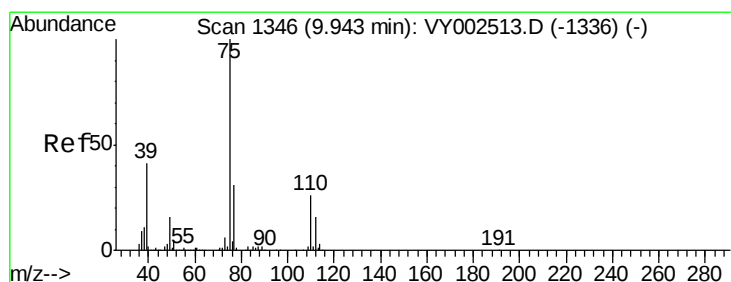
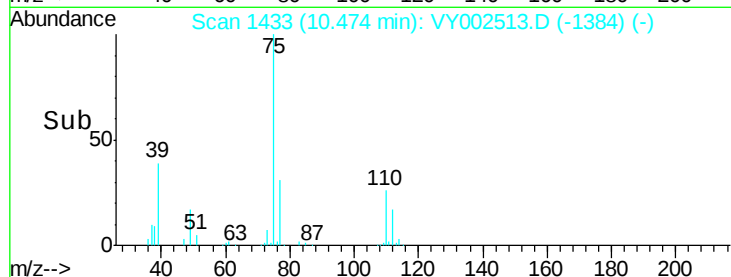
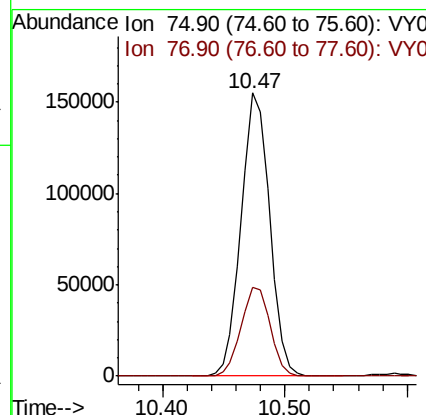
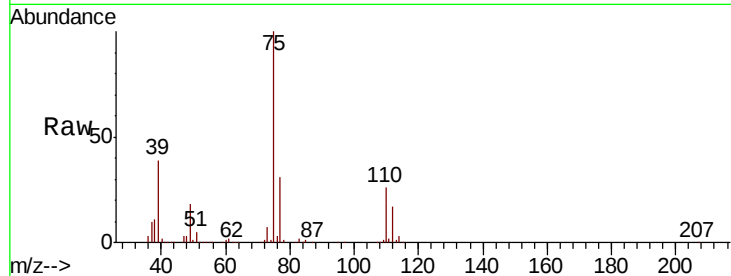
#53
t-1,3-Dichloropropene
Concen: 52.884 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

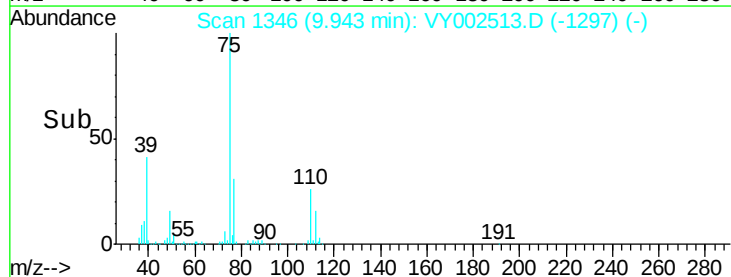
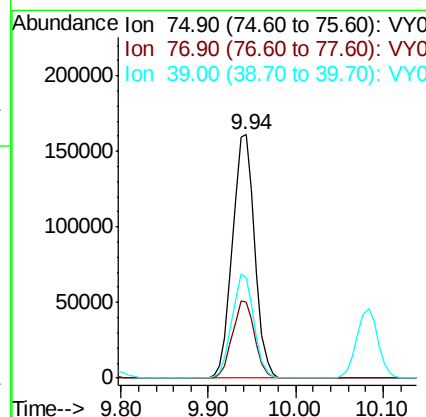
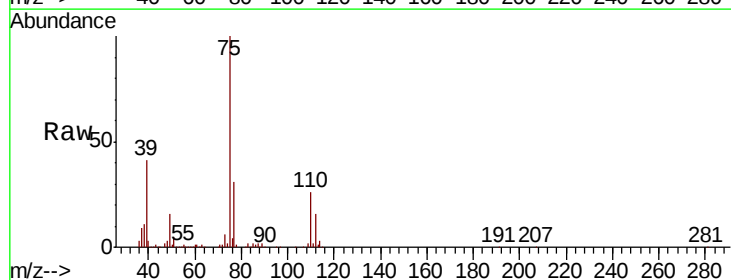
Manual Integrations
APPROVED

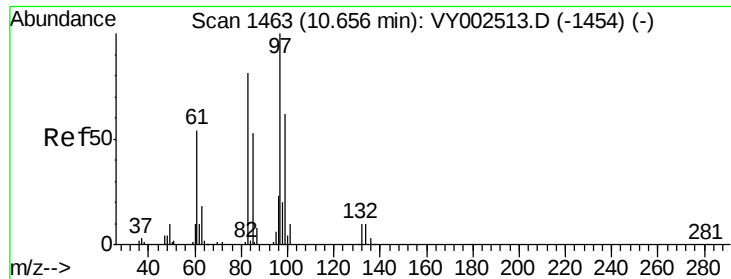
MMDadoda
5/5/2020 4:31:08 PM



#54
cis-1,3-Dichloropropene
Concen: 52.194 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	40.9	32.7	49.1





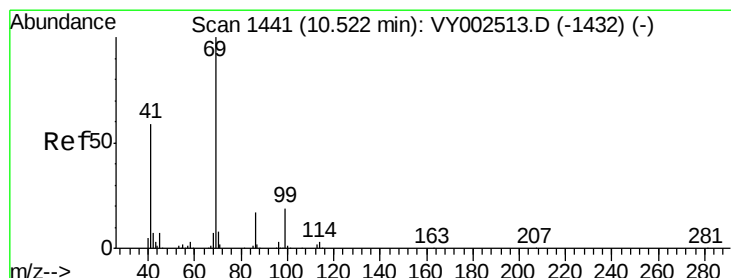
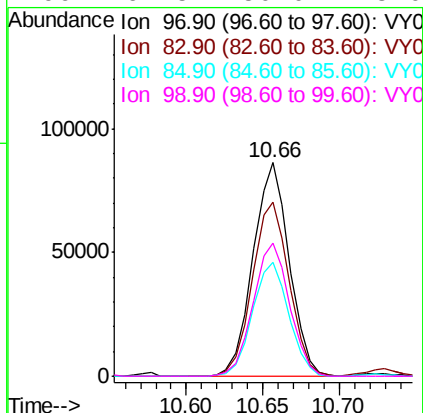
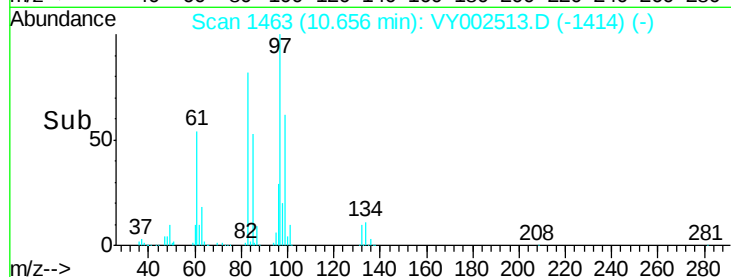
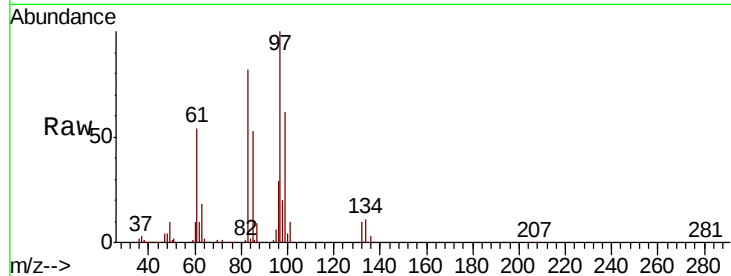
#55
 1,1,2-Trichloroethane
 Concen: 52.372 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	142102
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	53.4	42.7	64.1
99	62.5	50.0	75.0

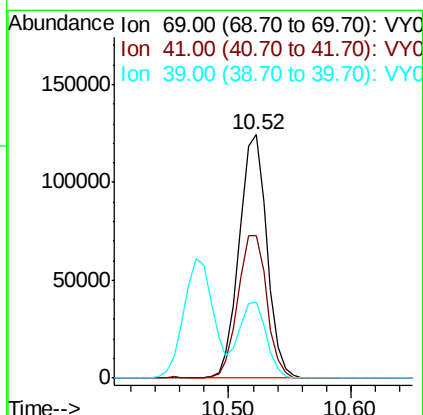
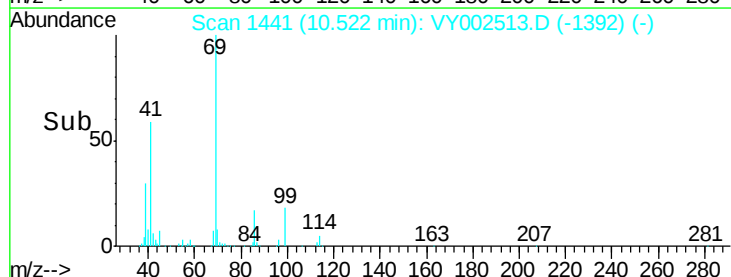
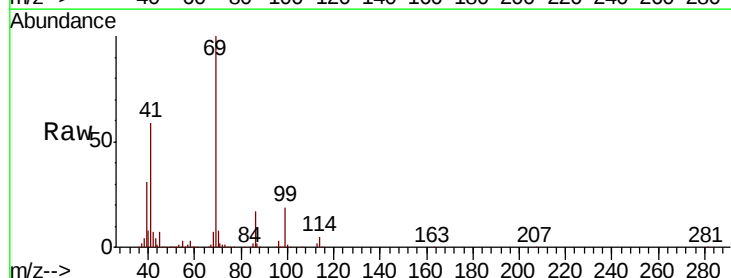
Manual Integrations
 APPROVED

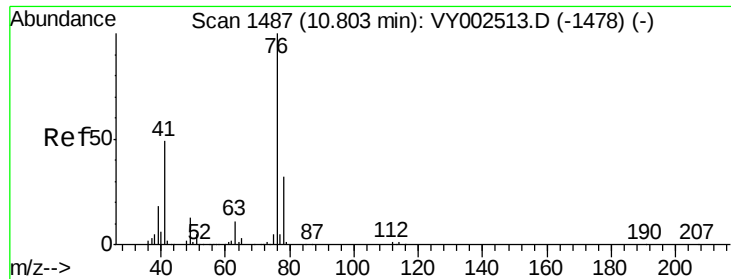
MMDadoda
 5/5/2020 4:31:08 PM



#56
 Ethyl methacrylate
 Concen: 53.998 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion:	69	Resp:	194905
Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.6	73.0
39	31.2	25.0	37.4





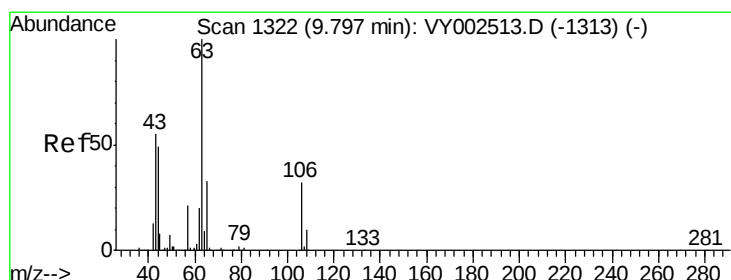
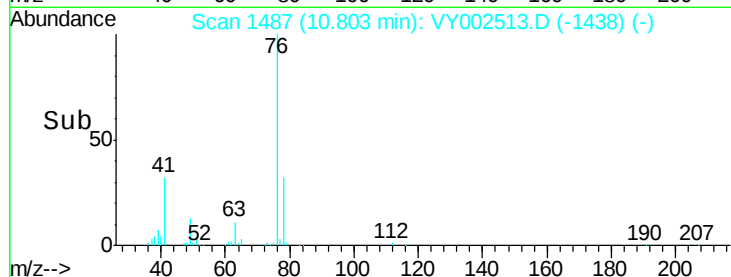
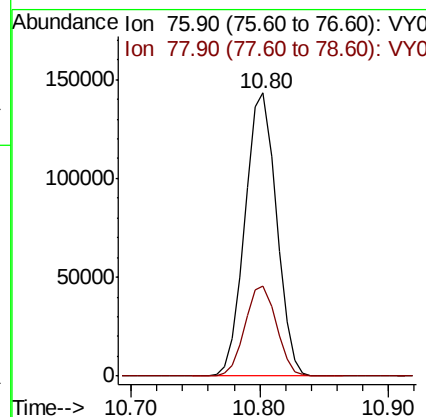
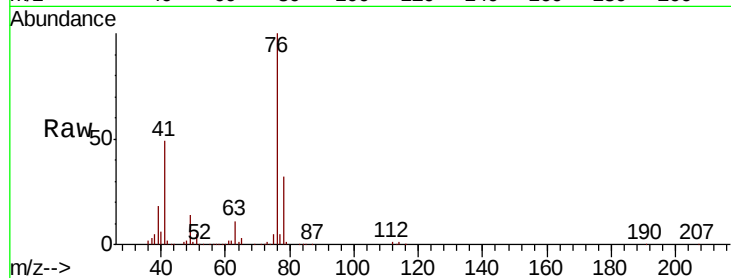
#57
 1,3-Dichloropropane
 Concen: 52.612 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.4	38.2

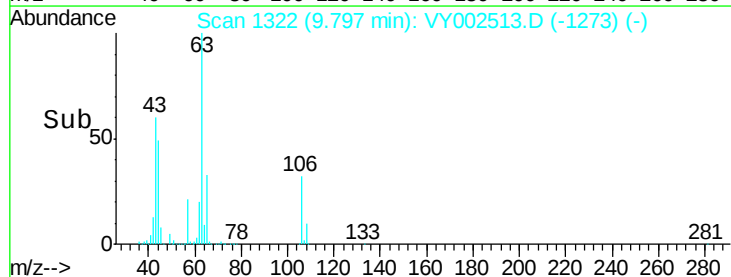
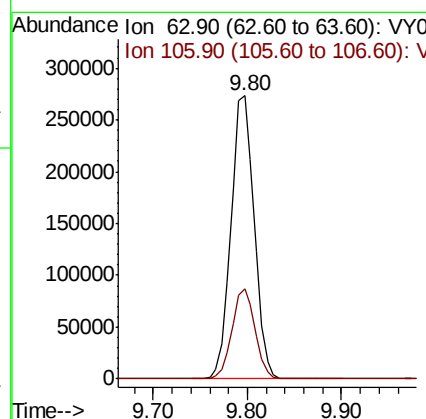
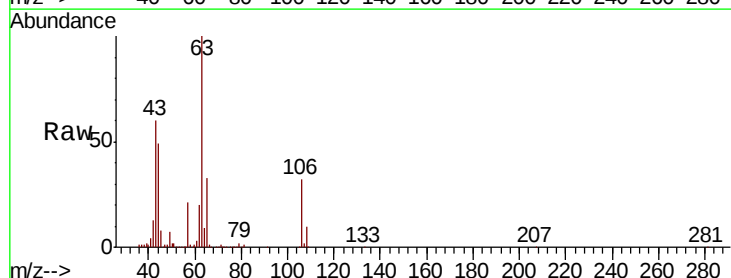
Manual Integrations
 APPROVED

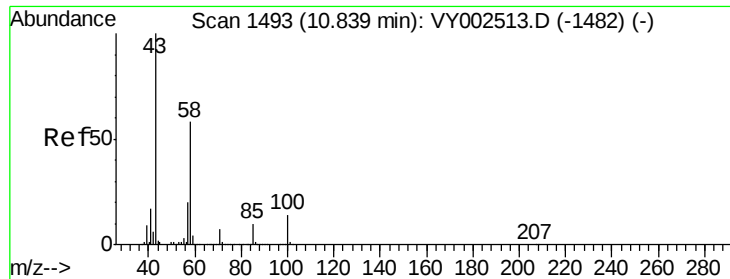
MMDadoda
 5/5/2020 4:31:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.480 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.2	37.8





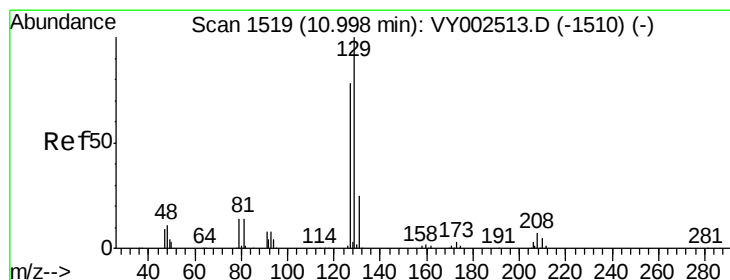
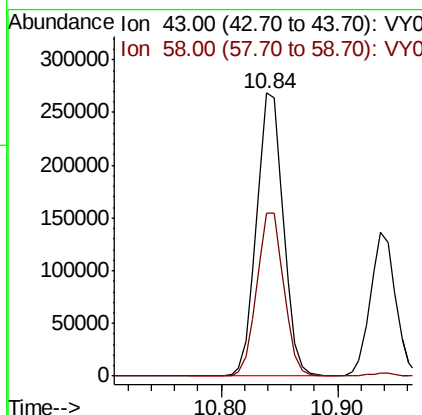
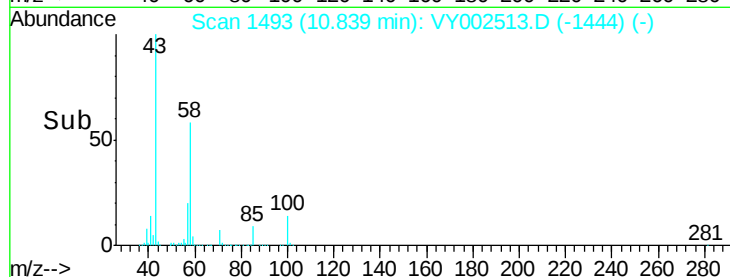
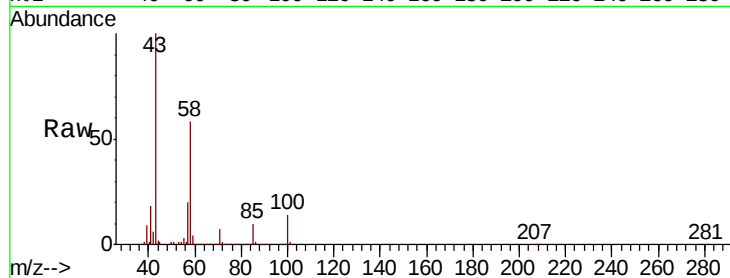
#59
2-Hexanone
Concen: 273.633 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 433854
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3

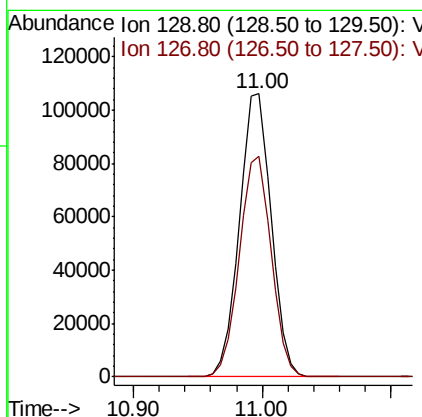
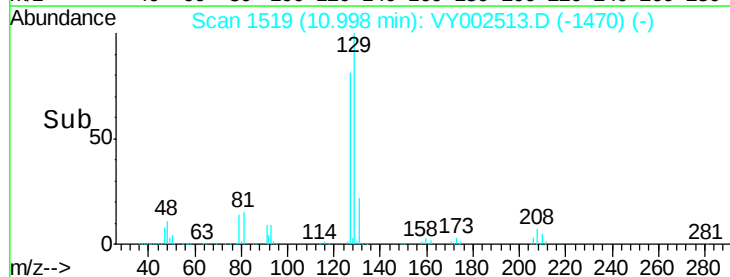
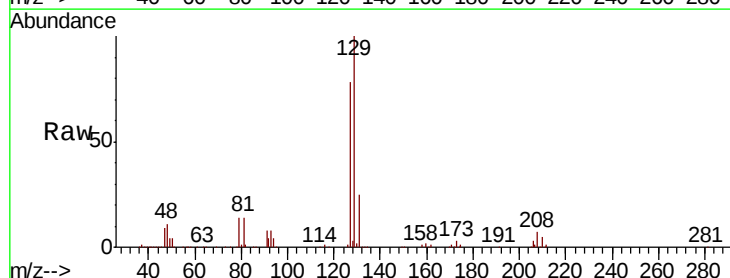
Manual Integrations
APPROVED

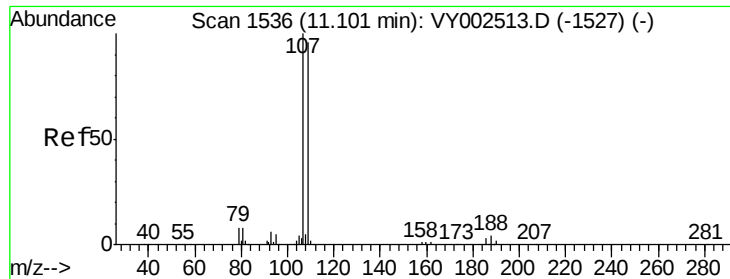
MMDadoda
5/5/2020 4:31:08 PM



#60
Dibromochloromethane
Concen: 52.493 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 129 Resp: 181151
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





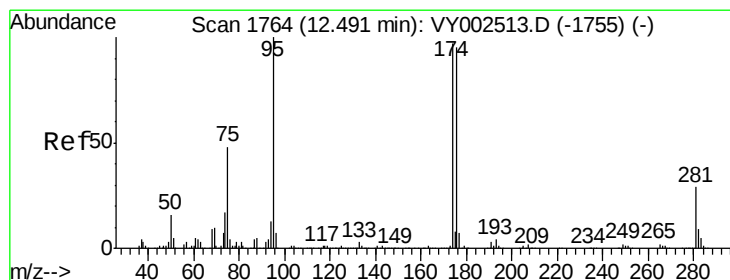
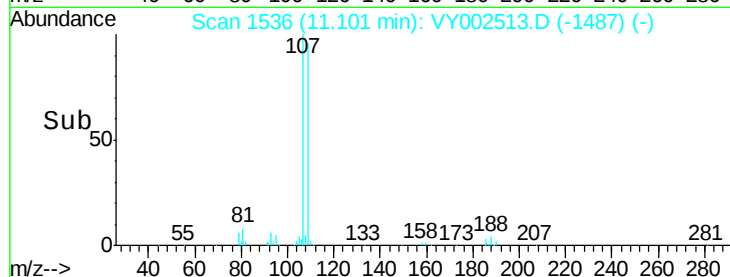
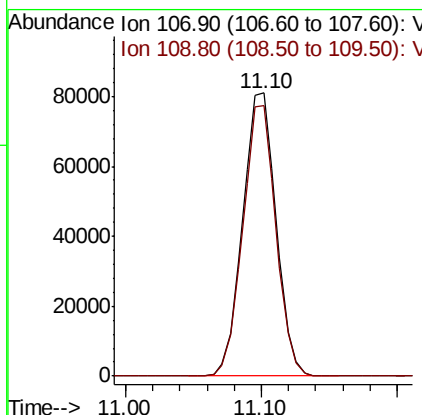
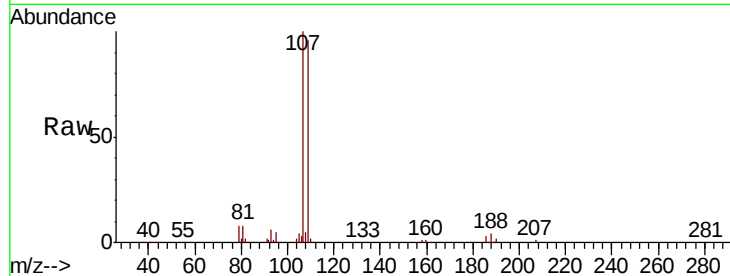
#61
 1,2-Dibromoethane
 Concen: 51.806 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

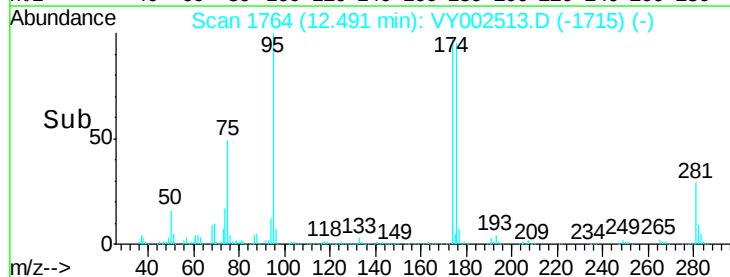
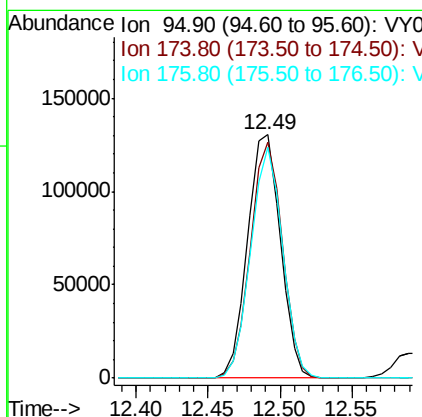
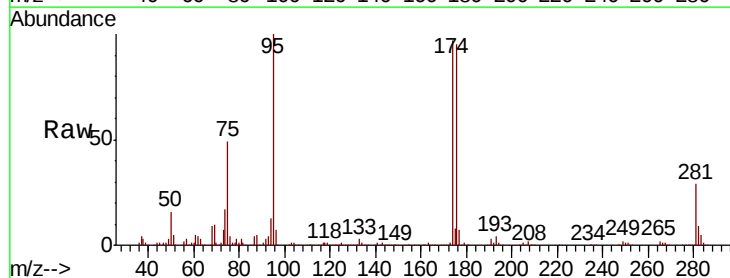
Manual Integrations
 APPROVED

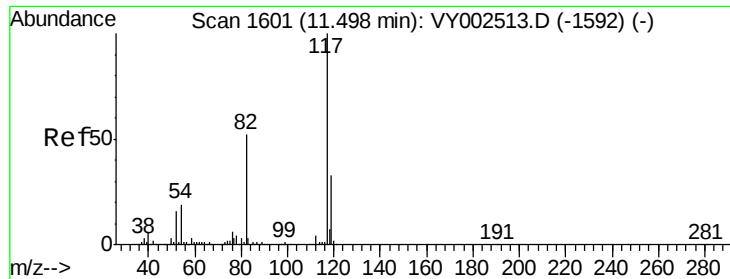
MMDadoda
 5/5/2020 4:31:08 PM



#62
 4-Bromofluorobenzene
 Concen: 49.097 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	188.8
176	91.6	0.0	183.2





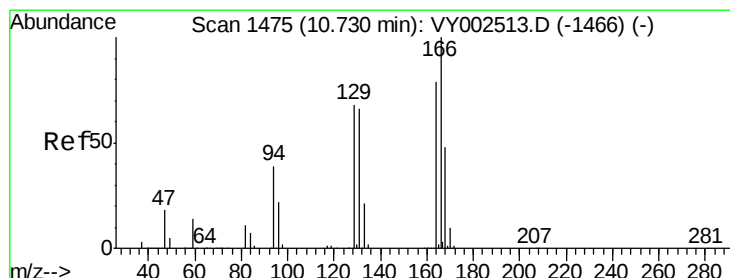
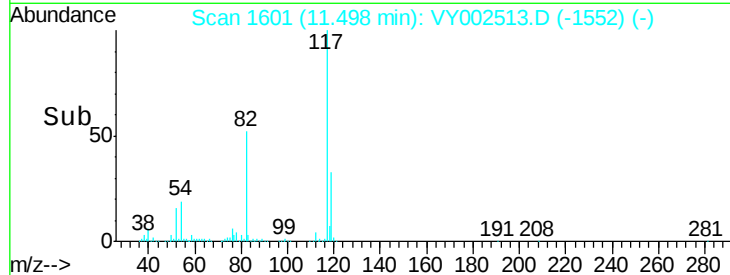
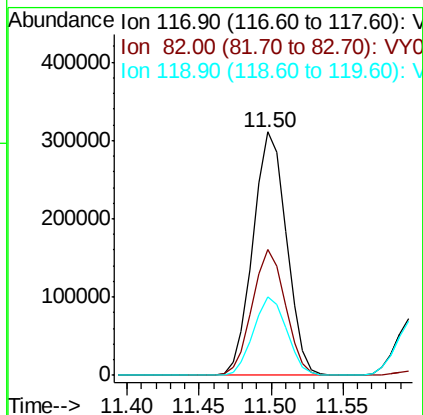
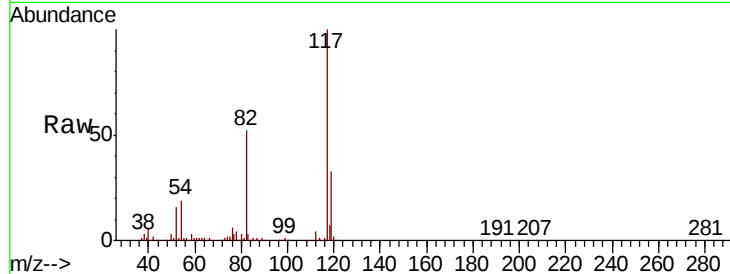
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	500941		
82	51.6		41.3	61.9
119	32.5		26.0	39.0

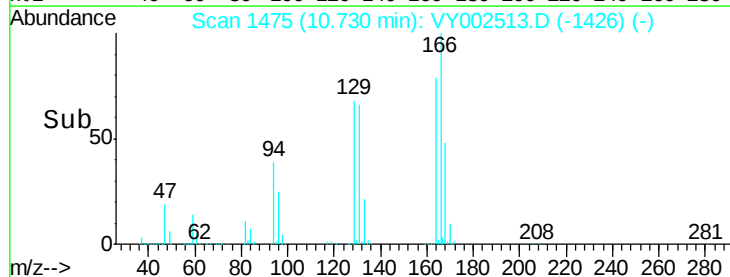
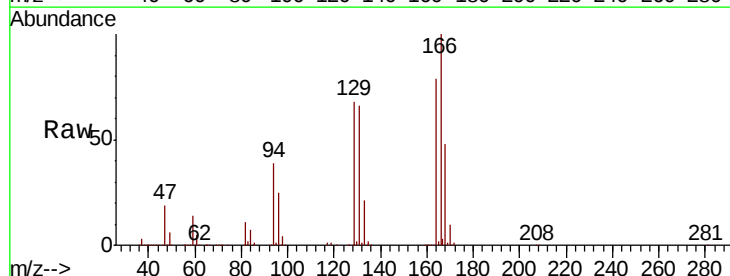
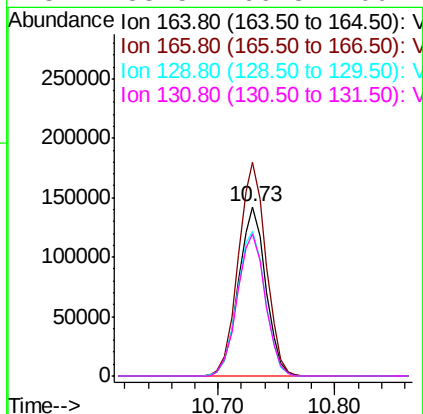
Manual Integrations
APPROVED

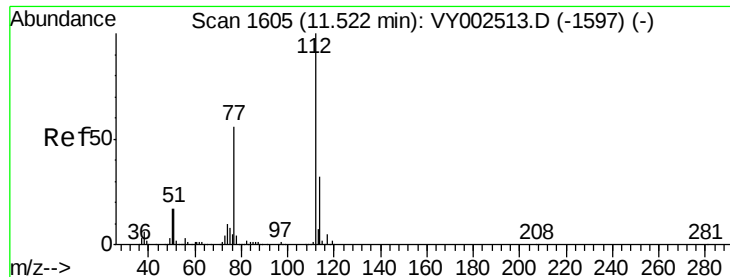
MMDadoda
5/5/2020 4:31:08 PM



#64
Tetrachloroethene
Concen: 52.210 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	232380		
166	125.9		100.7	151.1
129	85.4		68.3	102.5
131	83.5		66.8	100.2





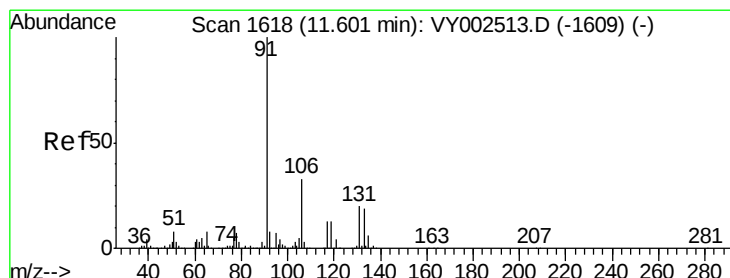
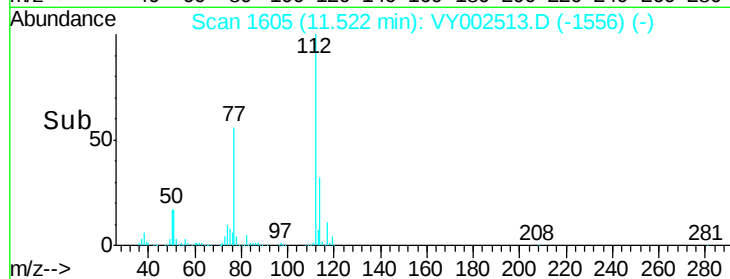
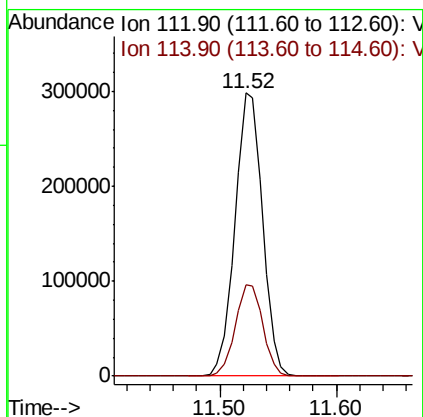
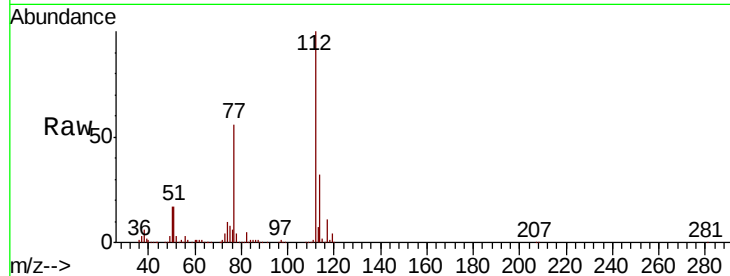
#65
Chlorobenzene
Concen: 51.585 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

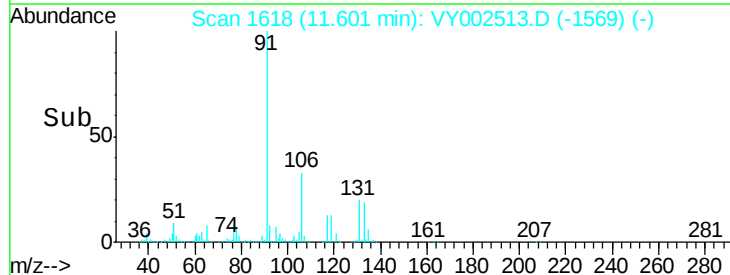
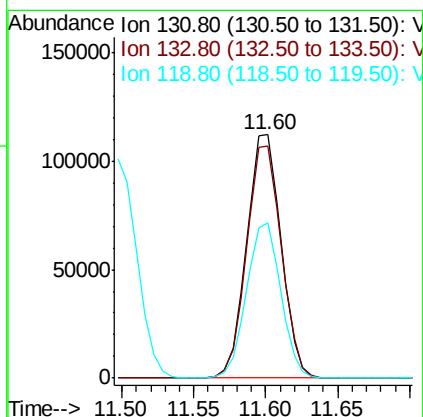
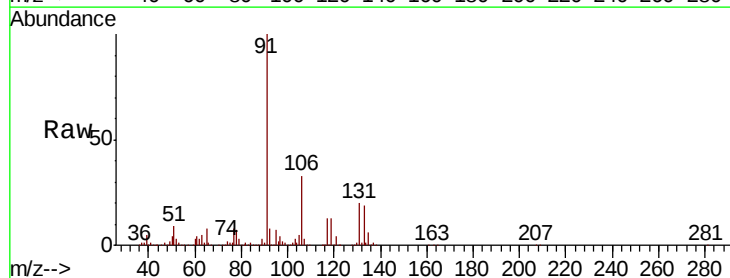
Manual Integrations
APPROVED

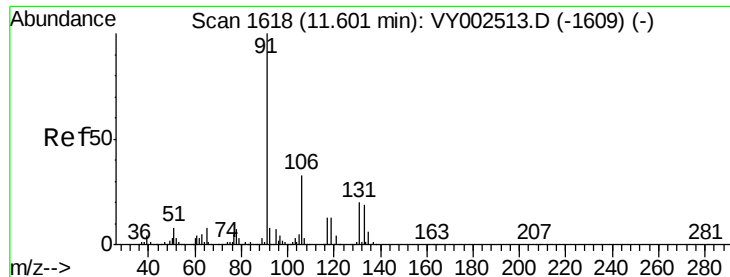
MMDadoda
5/5/2020 4:31:08 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.384 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.1	144.4
119	63.3	31.6	95.0





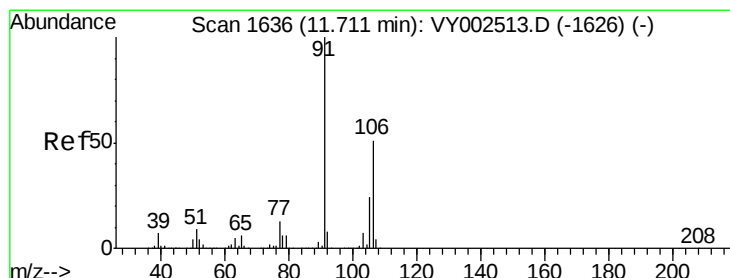
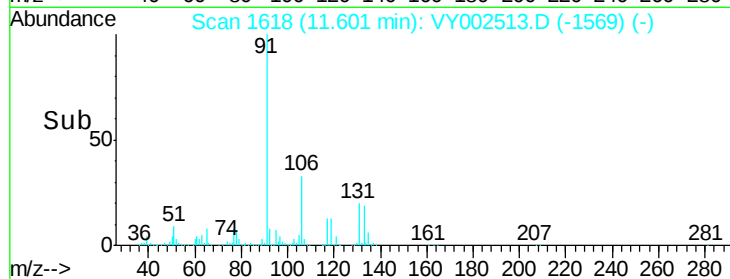
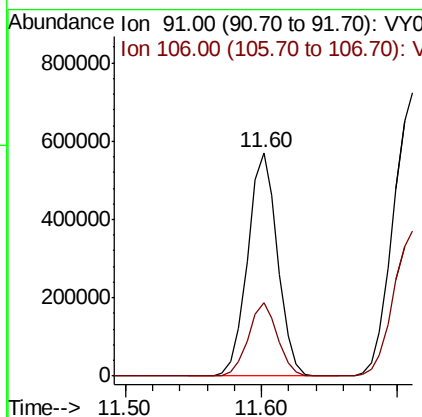
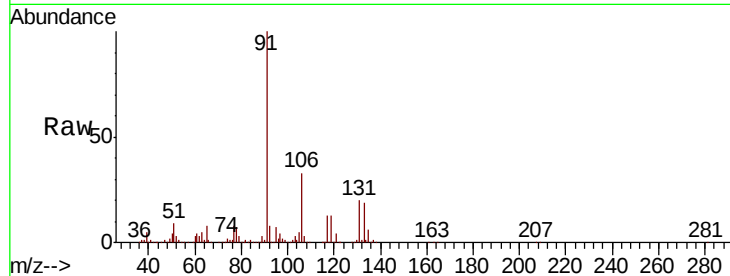
#67
Ethyl Benzene
Concen: 52.289 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 874672
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

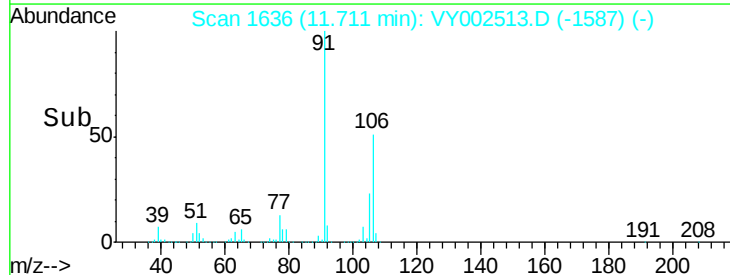
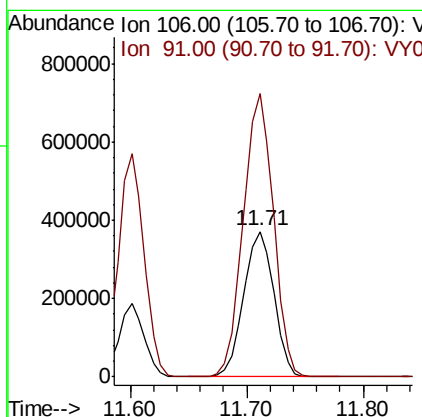
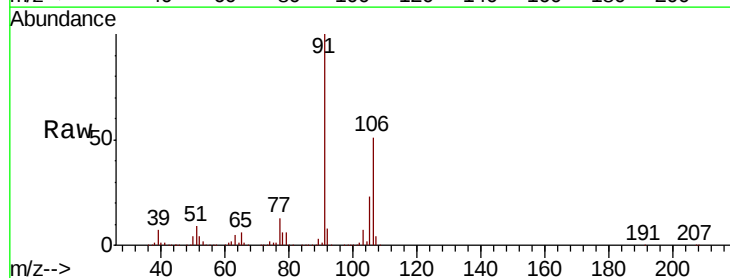
Manual Integrations
APPROVED

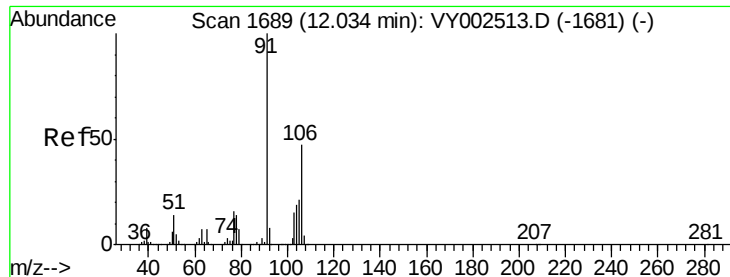
MMDadoda
5/5/2020 4:31:08 PM



#68
m/p-Xylenes
Concen: 104.284 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 106 Resp: 674957
Ion Ratio Lower Upper
106 100
91 194.0 155.2 232.8





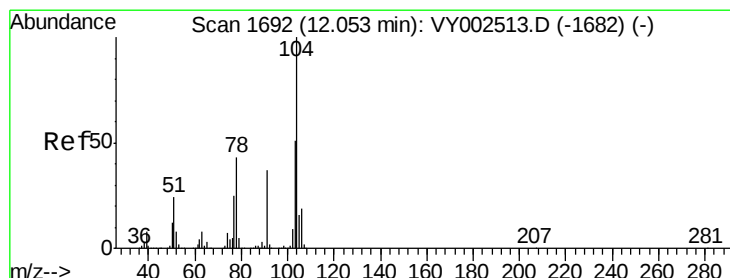
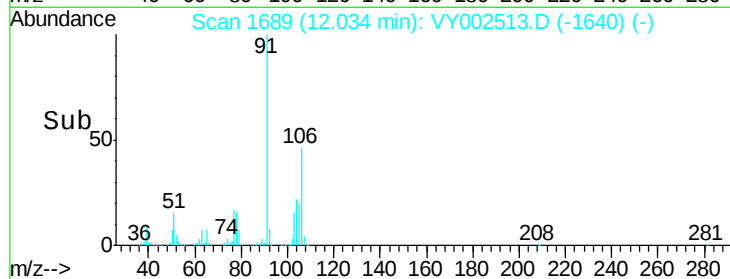
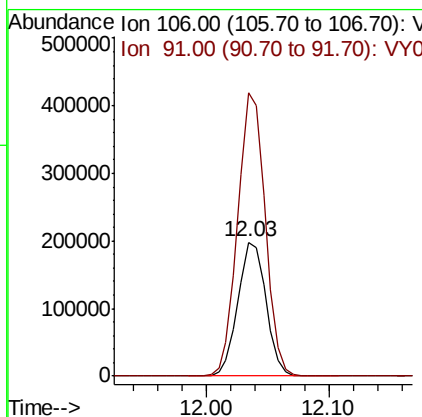
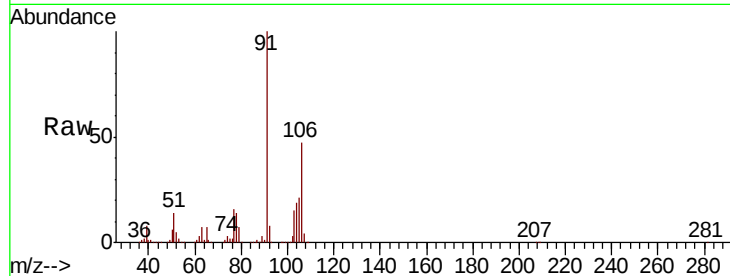
#69
o-Xylene
Concen: 51.808 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
313960	106	100		
	91	207.5	103.8	311.3

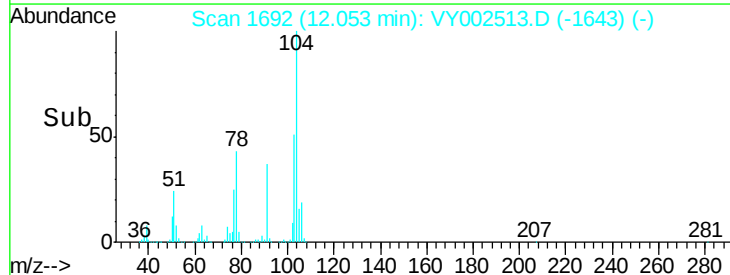
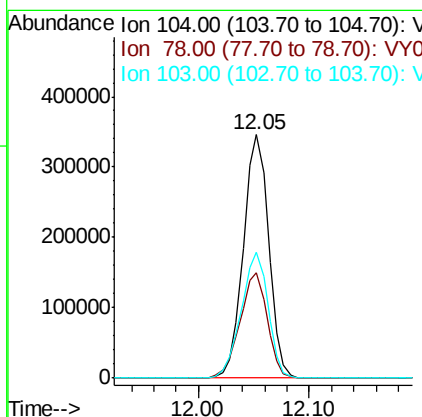
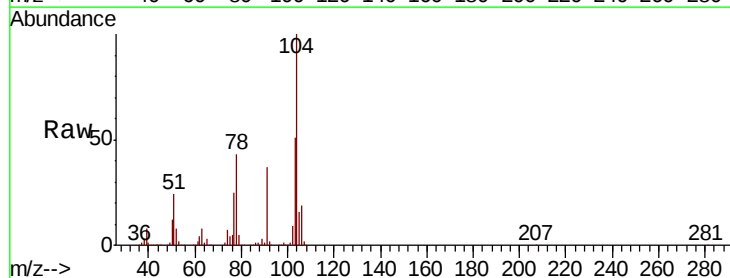
Manual Integrations
APPROVED

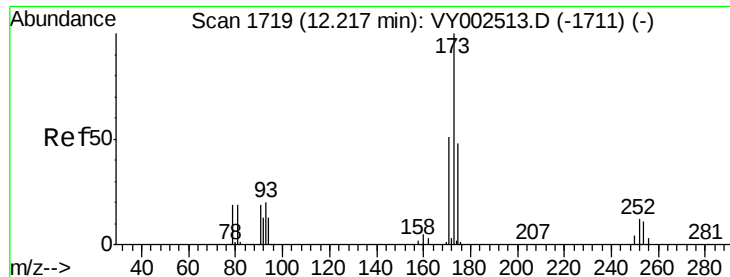
MMDadoda
5/5/2020 4:31:08 PM



#70
Styrene
Concen: 52.716 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
546135	104	100		
	78	46.7	37.4	56.0
	103	54.9	43.9	65.9





#71

Bromoform

Concen: 53.878 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

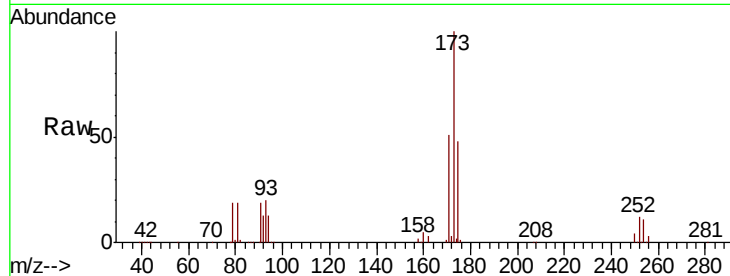
ClientSampleId :

VSTDICCC050

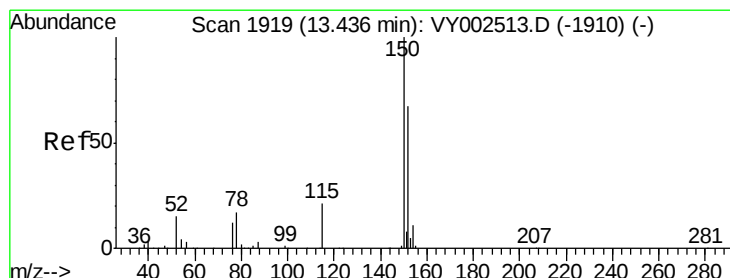
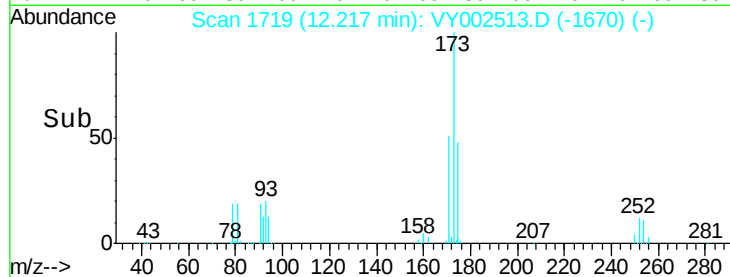
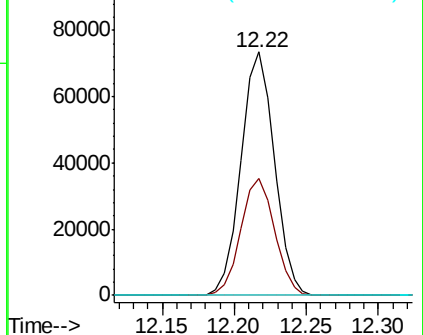
Tot Ion:	173	Resp:	118209
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	72.8
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



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

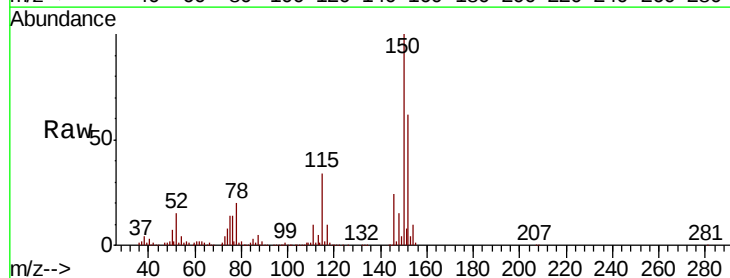
RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

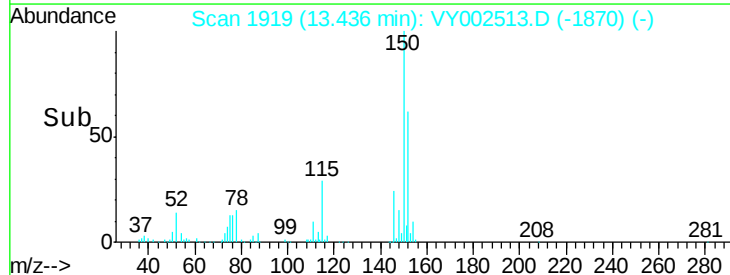
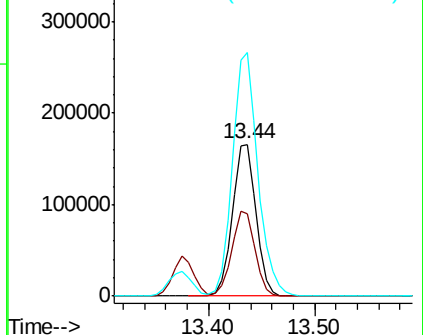
Lab File: VY002513.D

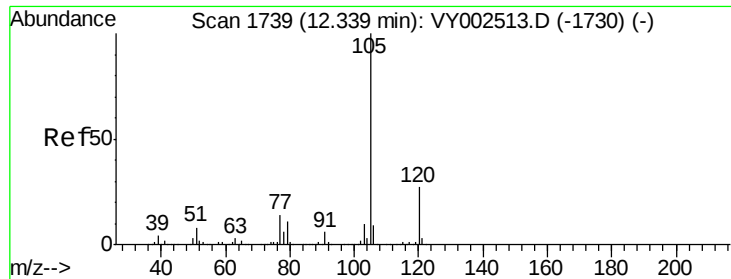
Acq: 30 Apr 2020 15:23

Tgt Ion:	152	Resp:	256838
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.5	82.4
150	173.2	0.0	346.4



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





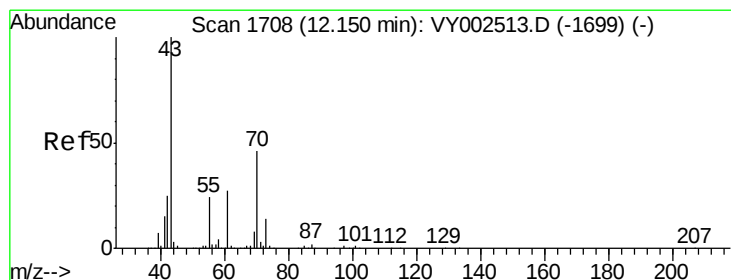
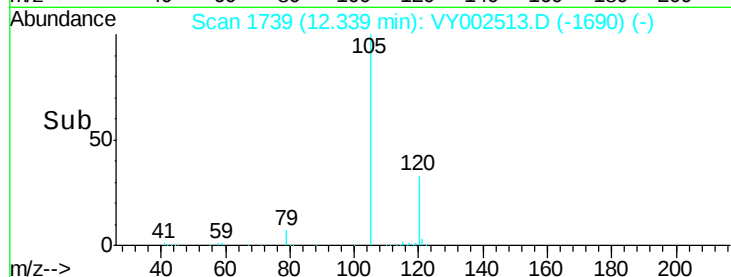
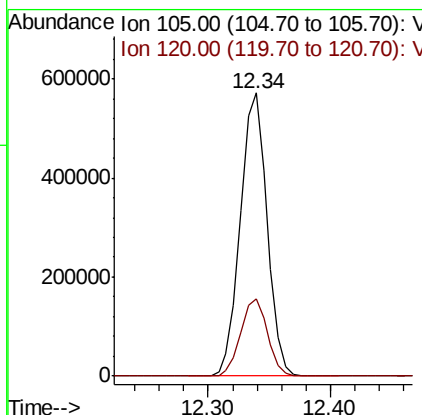
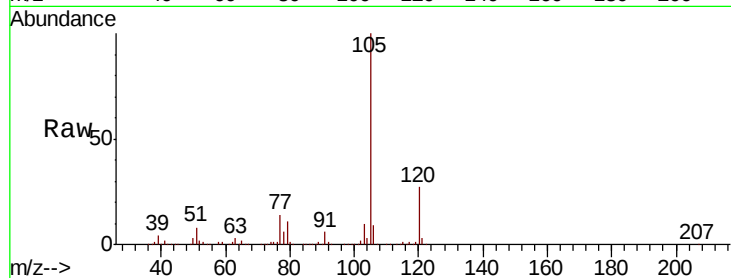
#73
Isopropylbenzene
Concen: 51.875 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.8	41.3

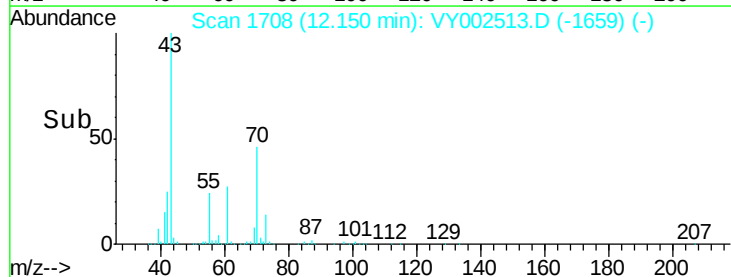
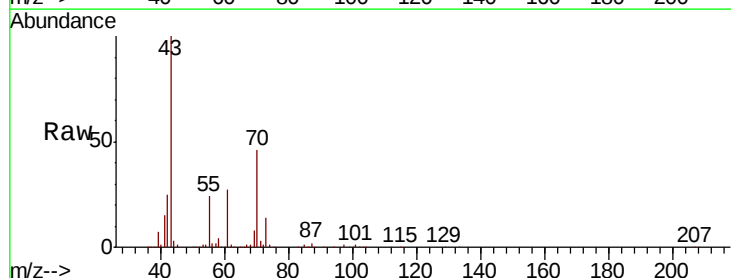
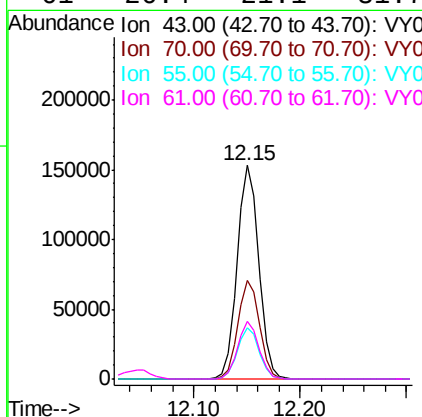
Manual Integrations
APPROVED

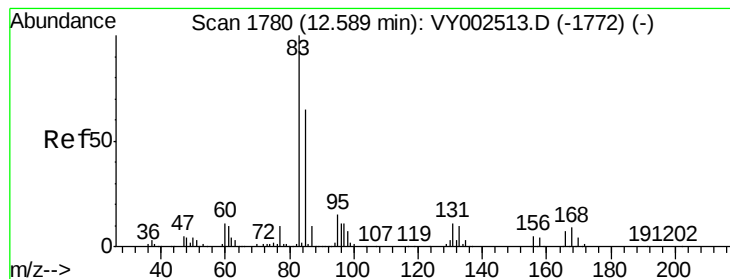
MMDadoda
5/5/2020 4:31:08 PM



#74
N-ethyl acetate
Concen: 54.659 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.9	36.7	55.1
55	24.0	19.2	28.8
61	26.4	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.061 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

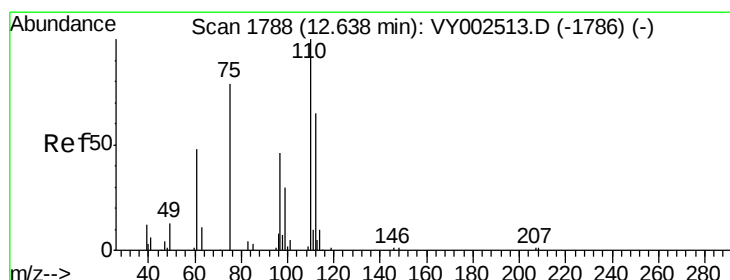
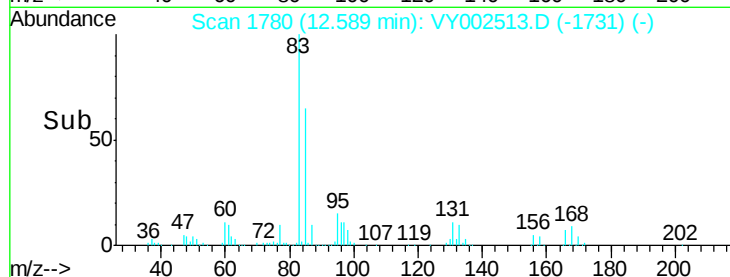
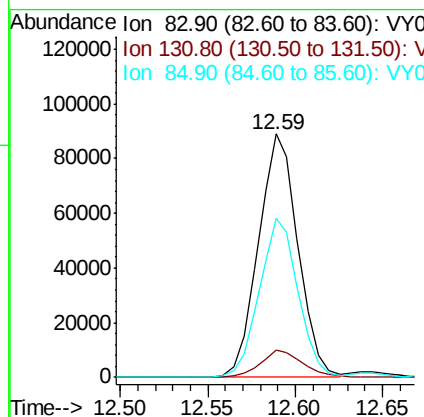
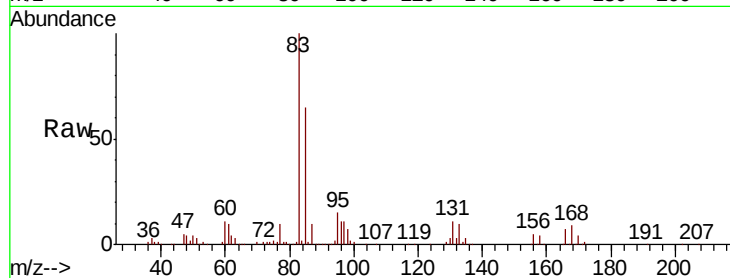
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	140466
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.8
85	63.9	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#76

1,2,3-Trichloropropane

Concen: 54.433 ug/l m

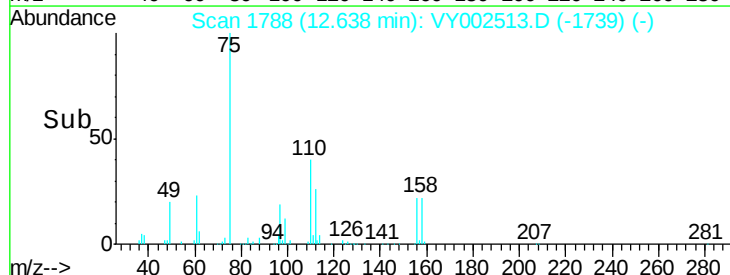
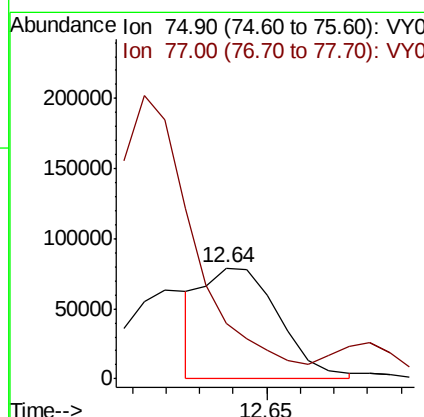
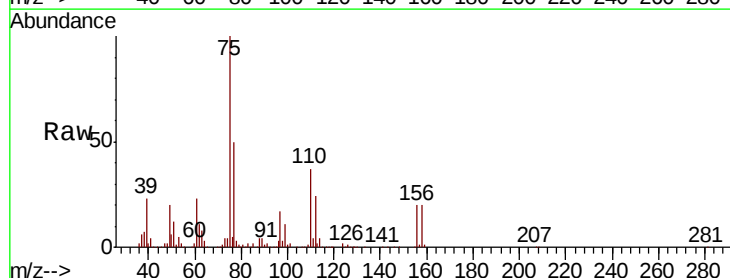
RT: 12.64 min Scan# 1788

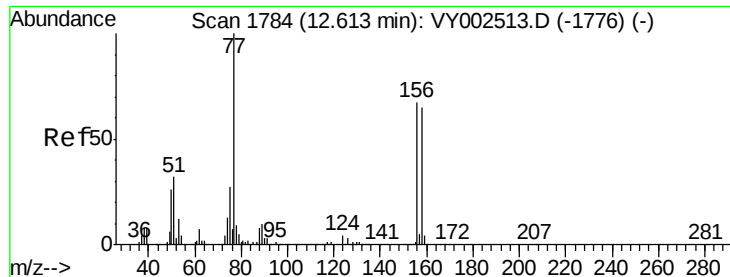
Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tgt Ion:	75	Resp:	124791
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.980 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

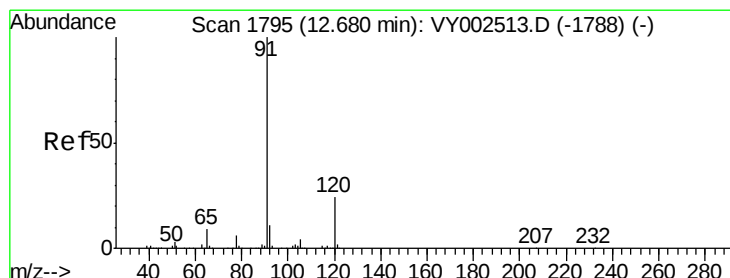
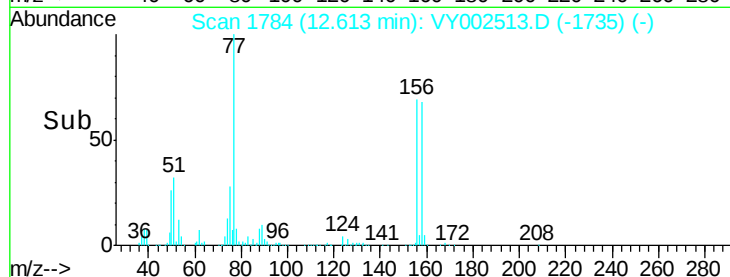
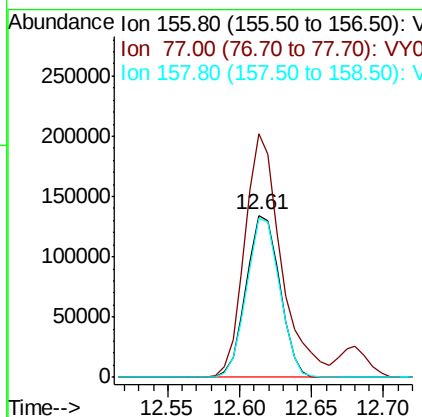
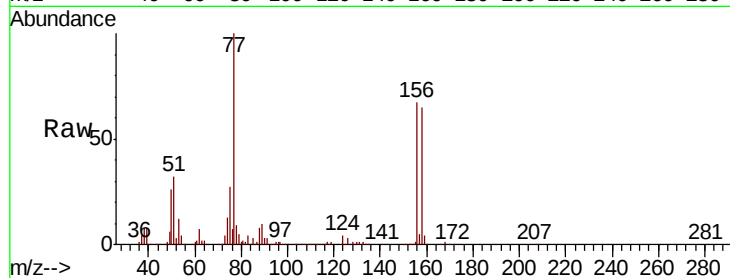
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	216171
Ion Ratio	Lower	Upper	
156	100		
77	163.9	82.0	245.8
158	97.1	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#78

n-propylbenzene

Concen: 51.978 ug/l

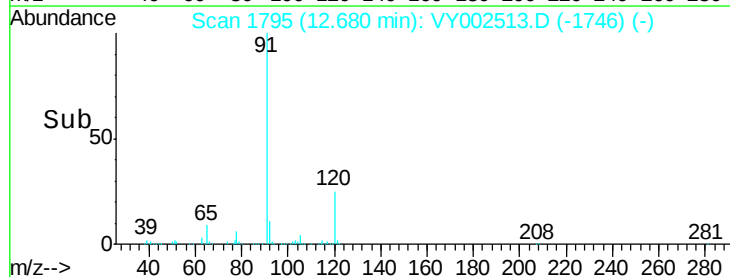
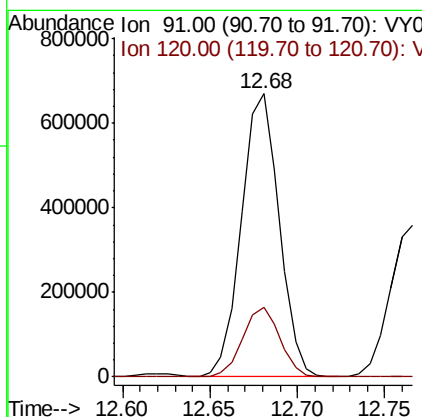
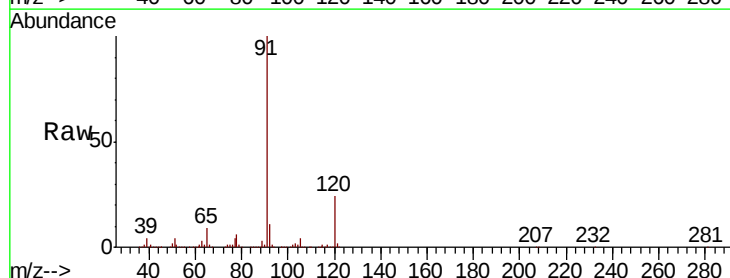
RT: 12.68 min Scan# 1795

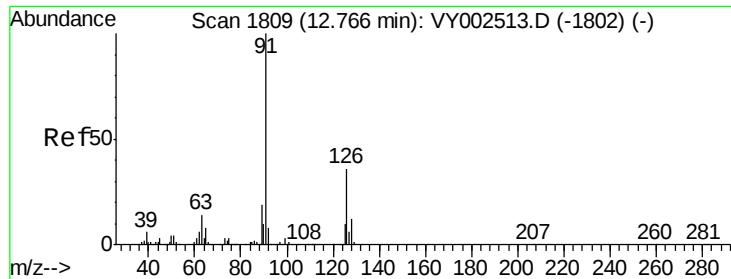
Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tgt Ion:	91	Resp:	1004046
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 51.523 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 551302

Ion Ratio Lower Upper

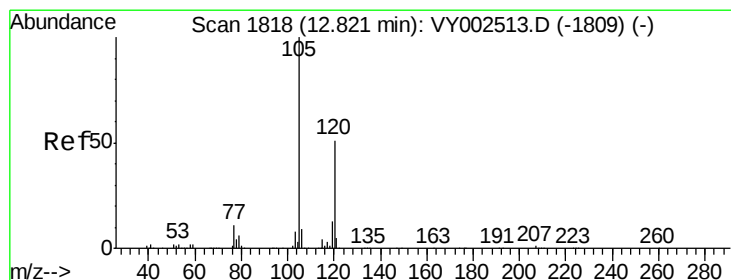
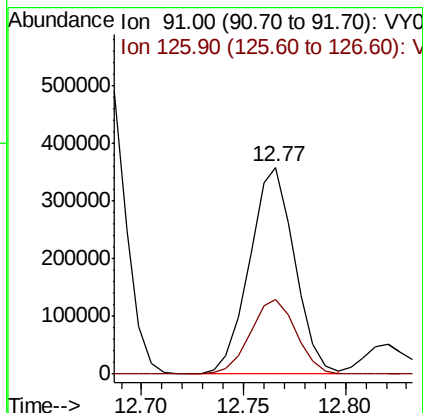
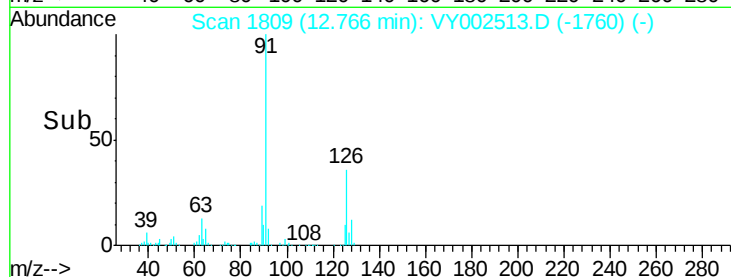
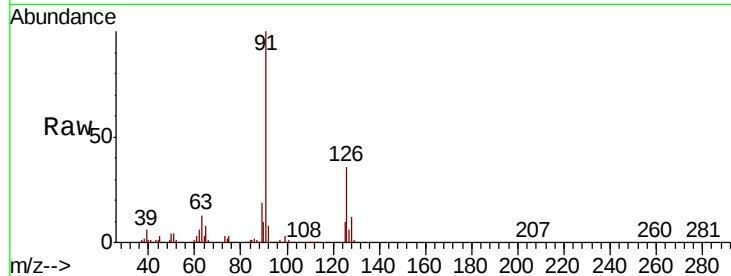
91 100

126 36.8 18.4 55.2

Manual Integrations
APPROVED

MMDadoda

5/5/2020 4:31:08 PM



#80

1,3,5-Trimethylbenzene

Concen: 52.444 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002513.D

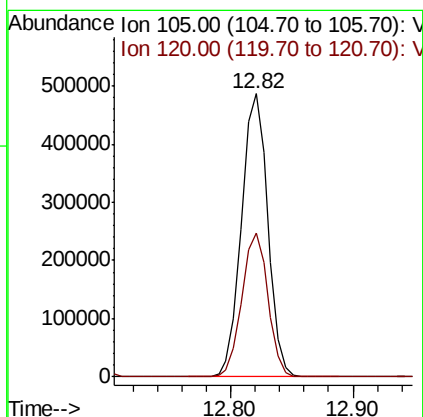
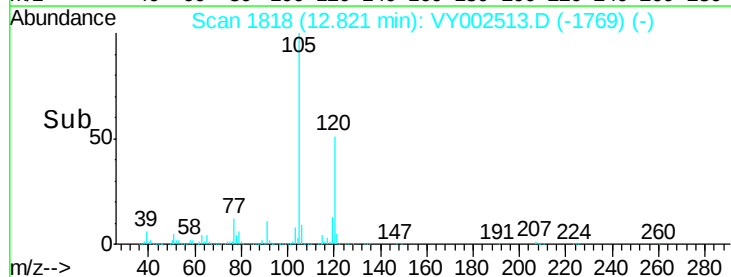
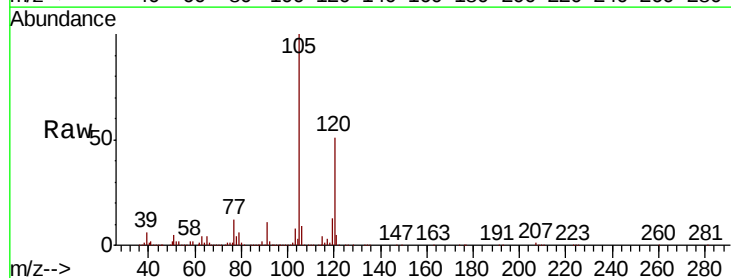
Acq: 30 Apr 2020 15:23

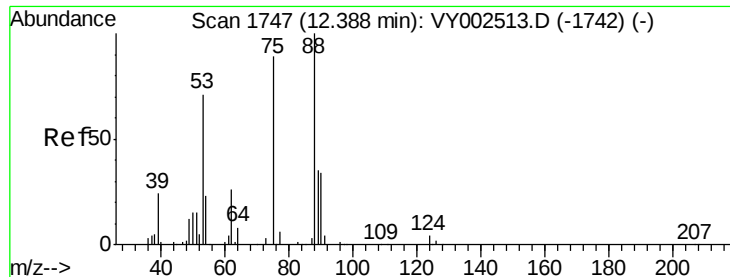
Tgt Ion: 105 Resp: 723623

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.9





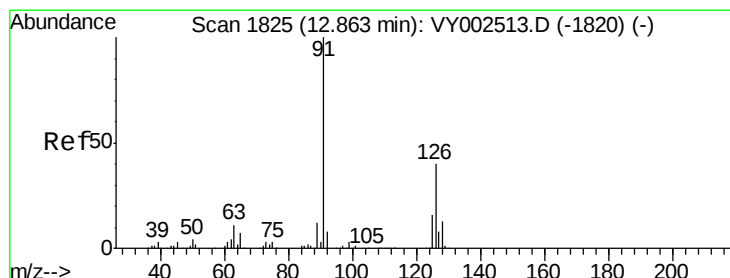
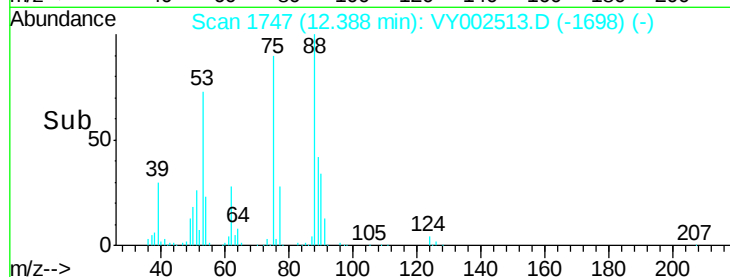
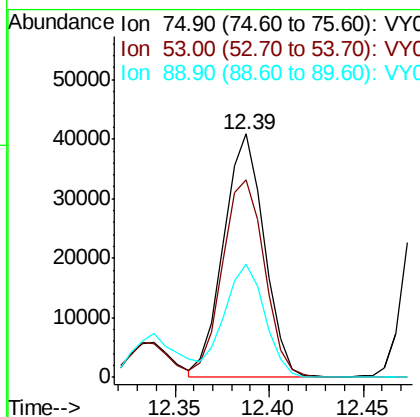
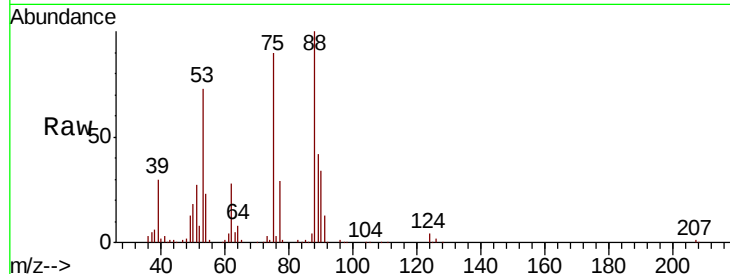
#81
trans-1,4-Dichloro-2-butene
Concen: 53.346 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.2	67.4	101.0
89	46.7	37.4	56.0

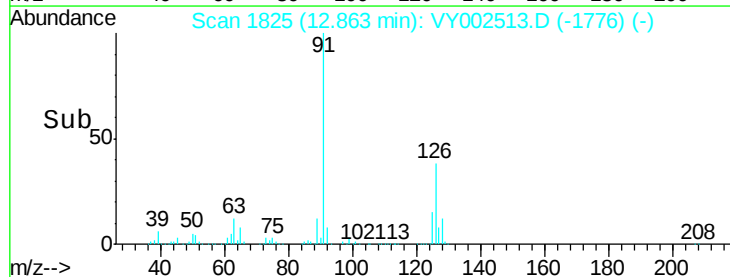
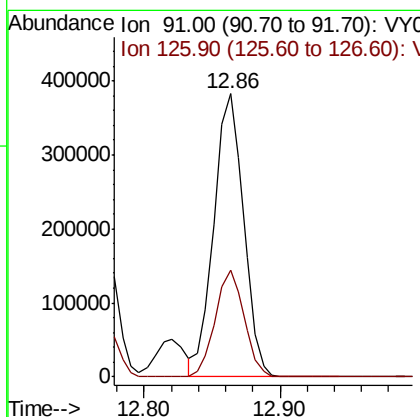
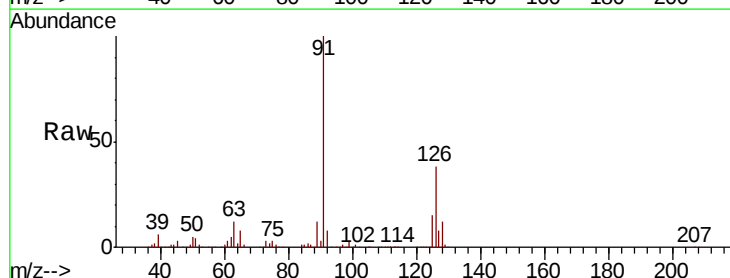
Manual Integrations
APPROVED

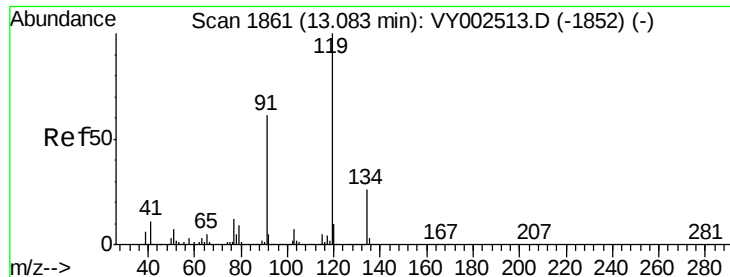
MMDadoda
5/5/2020 4:31:08 PM



#82
4-Chlorotoluene
Concen: 51.646 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5





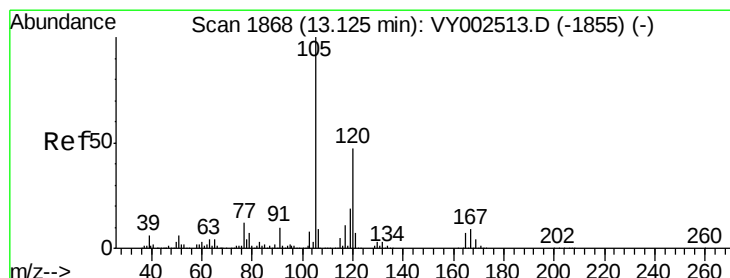
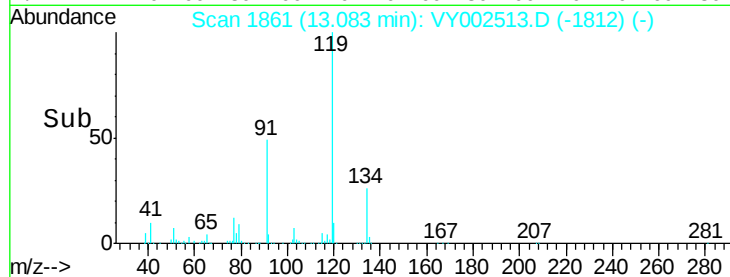
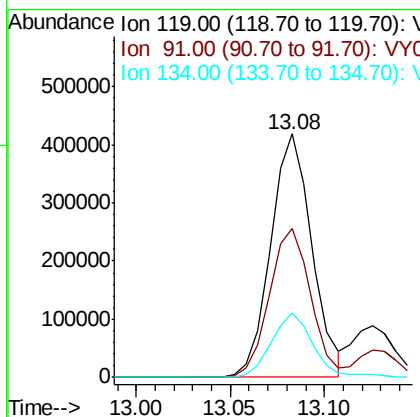
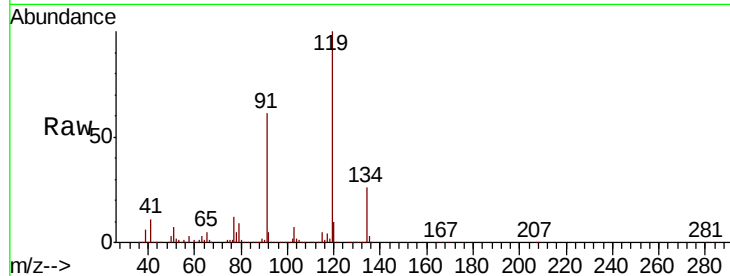
#83
 tert-Butylbenzene
 Concen: 52.513 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	119	Resp:	635315
Ion Ratio	Lower	Upper	
119	100		
91	61.1	30.6	91.6
134	26.9	13.5	40.4

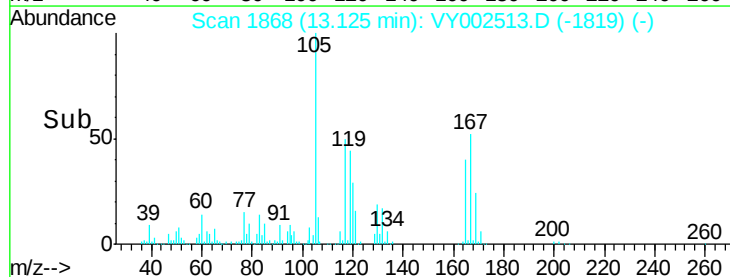
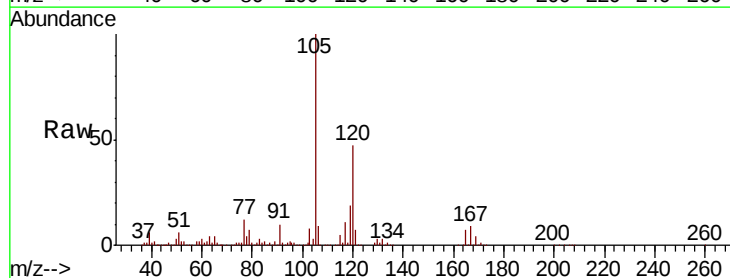
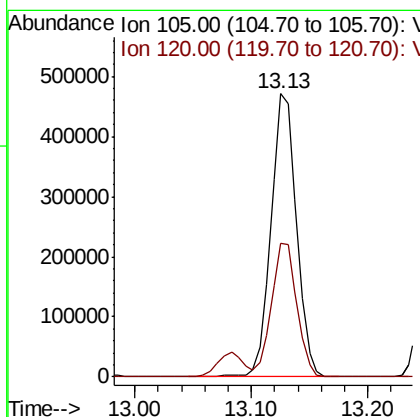
Manual Integrations
 APPROVED

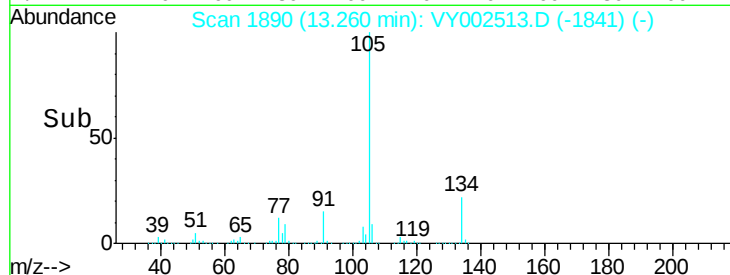
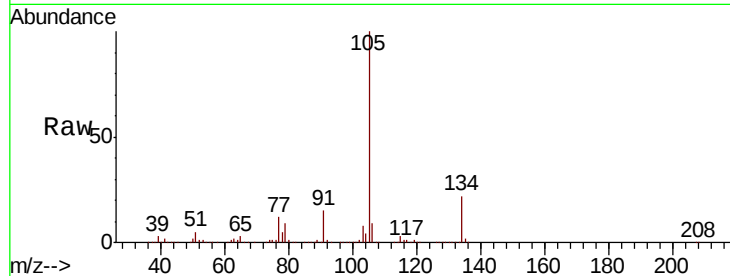
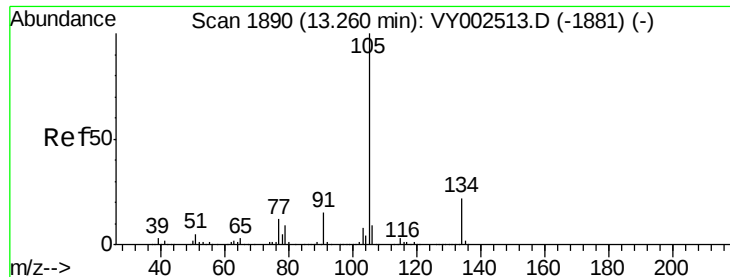
MMDadoda
 5/5/2020 4:31:08 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.147 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion:	105	Resp:	717080
Ion Ratio	Lower	Upper	
105	100		
120	46.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 52.151 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tot Ion:105 Resp: 875502

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3

Instrument :

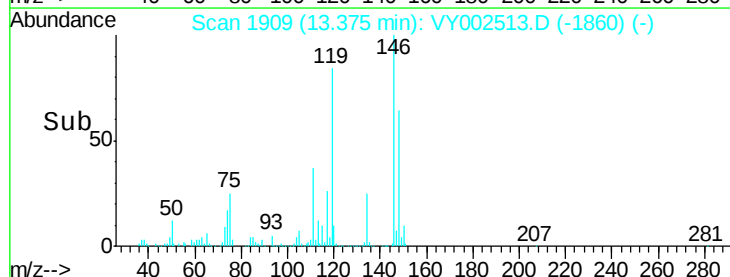
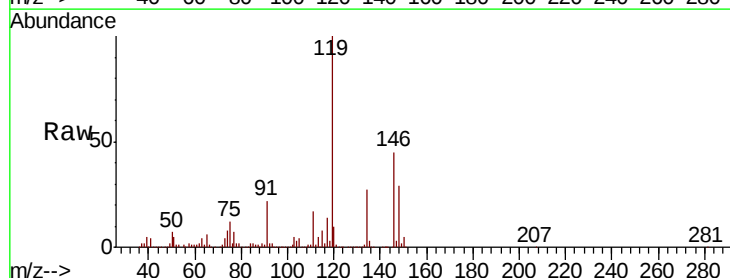
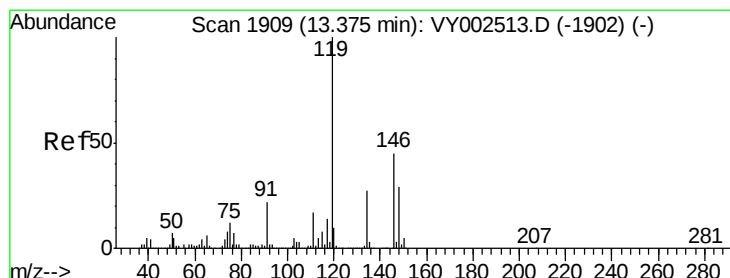
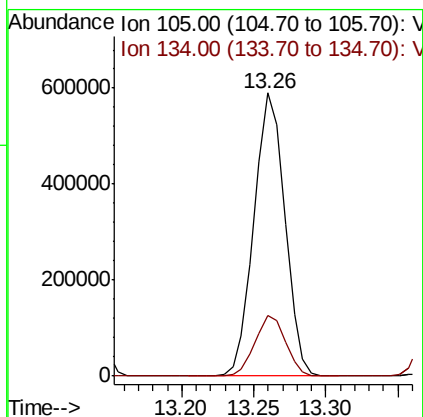
MSVOA_Y

ClientSampleId :

VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#86

p-Isopropyltoluene

Concen: 52.486 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

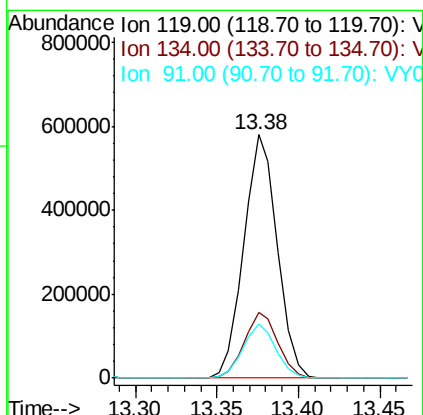
Tgt Ion:119 Resp: 825609

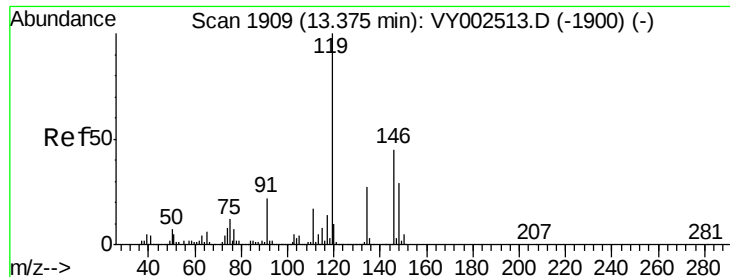
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.9 10.9 32.9





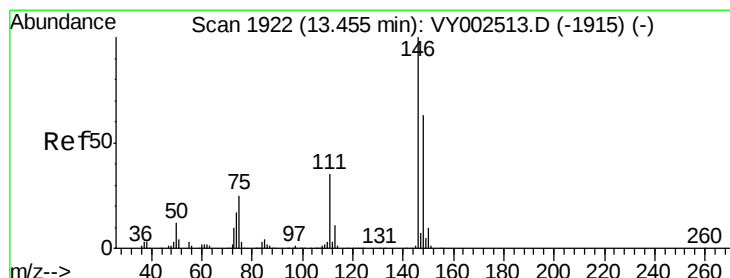
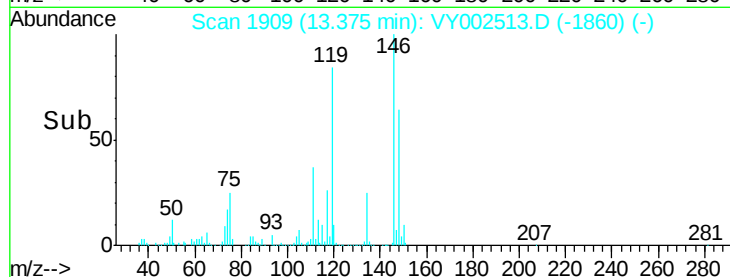
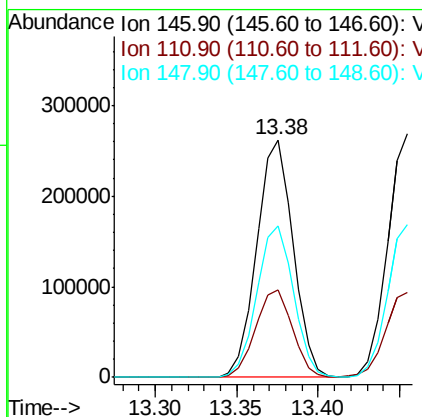
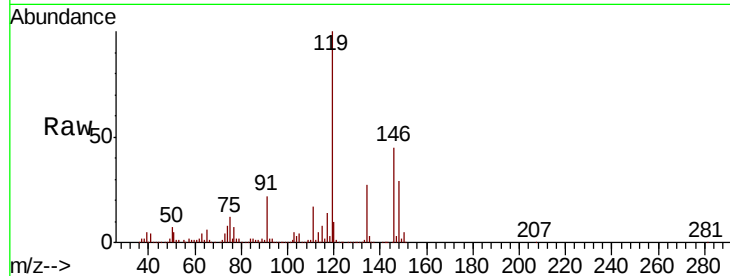
#87
 1,3-Dichlorobenzene
 Concen: 51.450 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.2	32.1	96.3

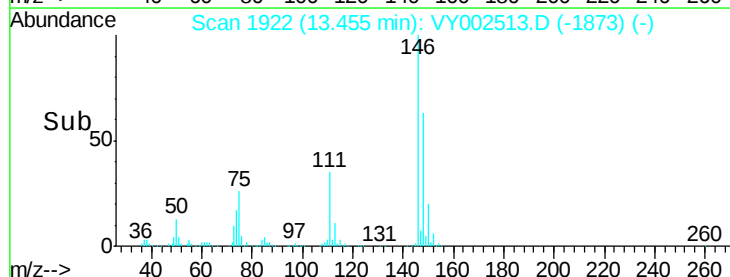
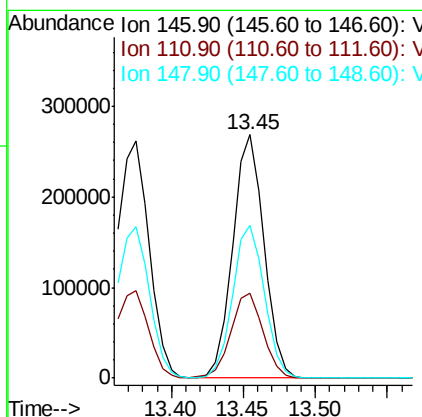
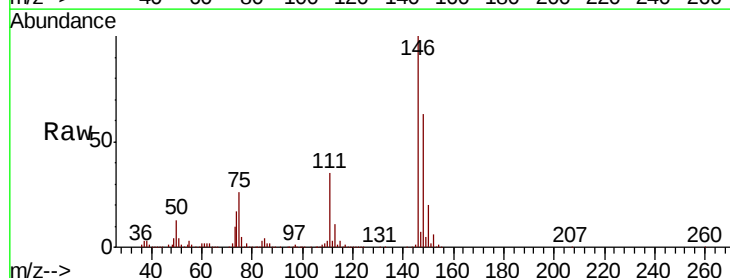
Manual Integrations
 APPROVED

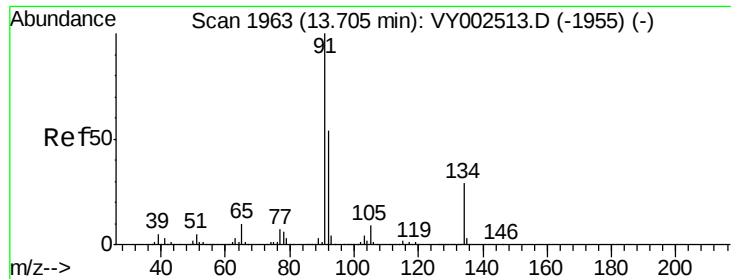
MMDadoda
 5/5/2020 4:31:08 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.072 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	63.7	31.9	95.5





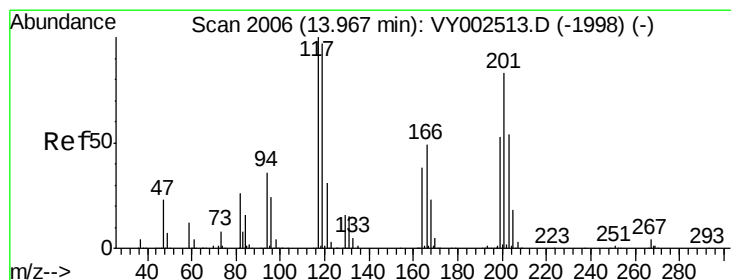
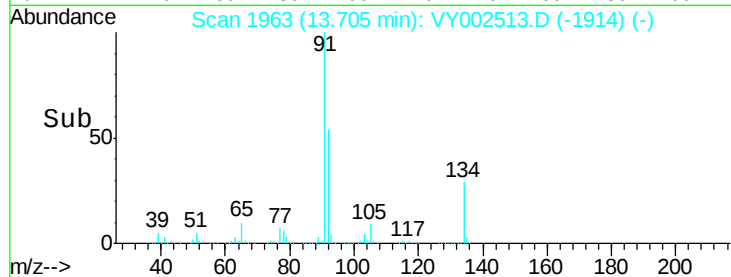
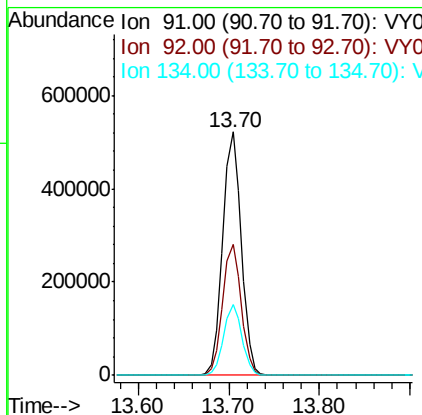
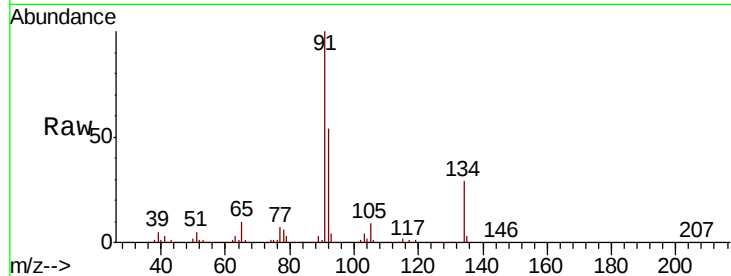
#89
n-Butylbenzene
Concen: 51.969 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	28.7	14.4	43.0

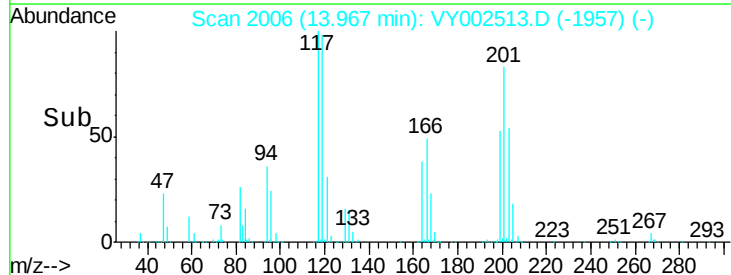
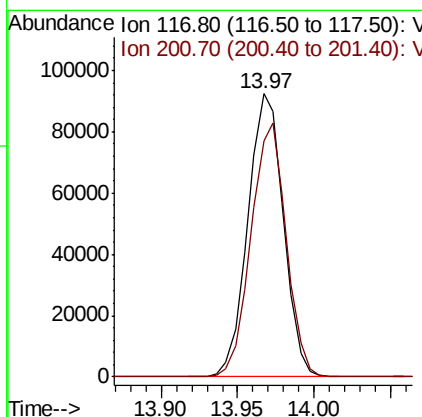
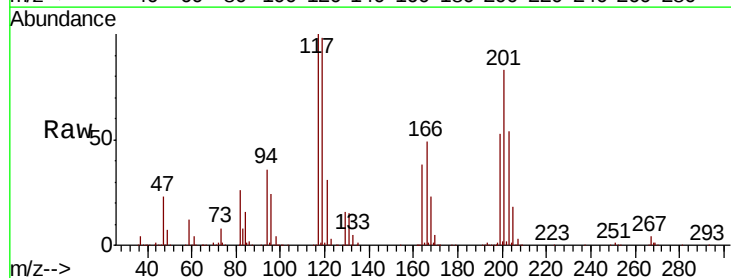
Manual Integrations
APPROVED

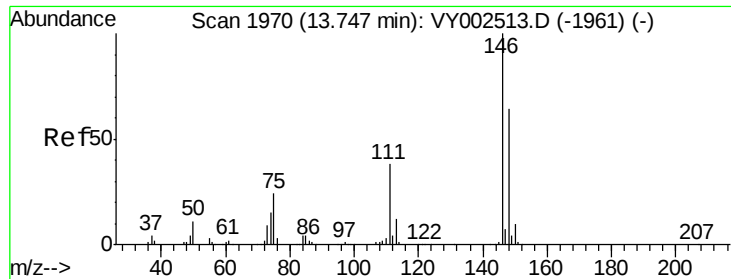
MMDadoda
5/5/2020 4:31:08 PM



#90
Hexachloroethane
Concen: 52.035 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	44.4	133.2





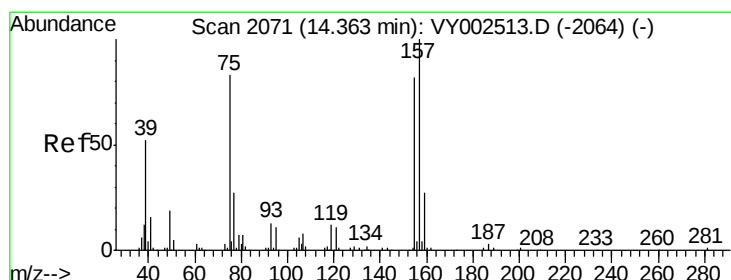
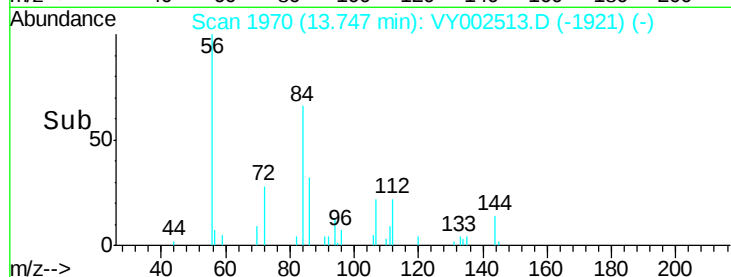
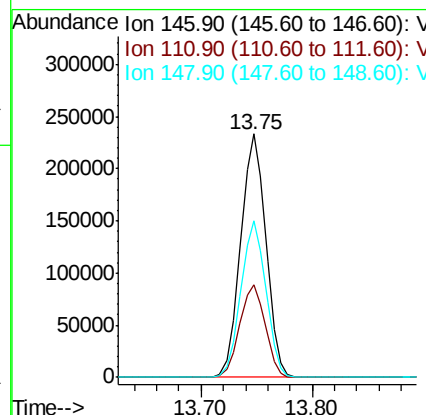
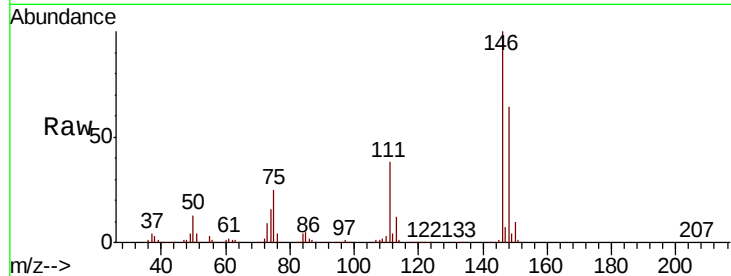
#91
 1,2-Dichlorobenzene
 Concen: 52.029 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.8	31.9	95.7

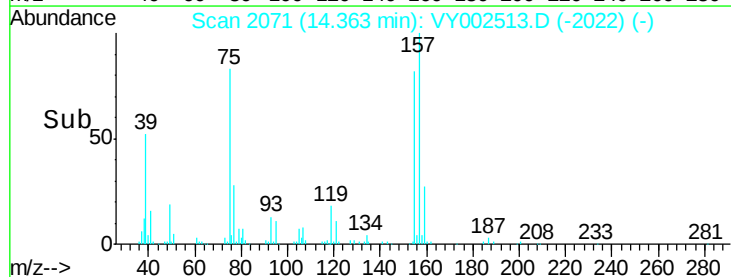
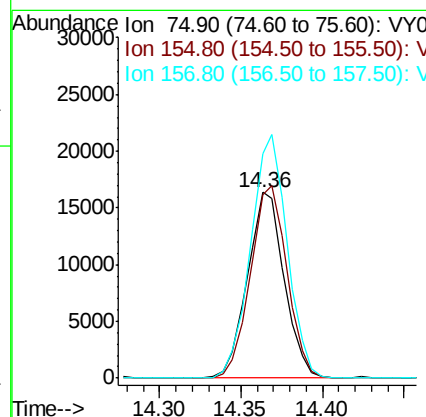
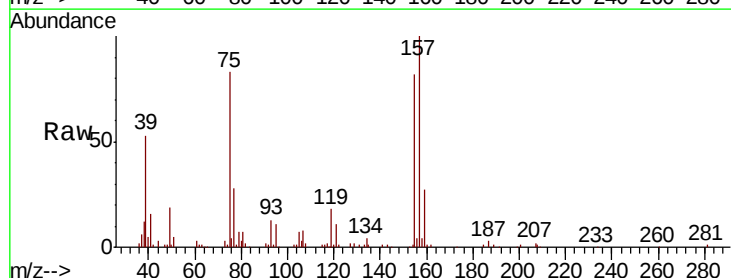
Manual Integrations
 APPROVED

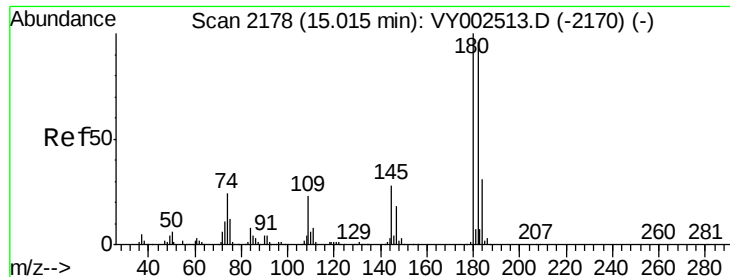
MMDadoda
 5/5/2020 4:31:08 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.239 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	51.3	153.9
157	130.0	65.0	195.0





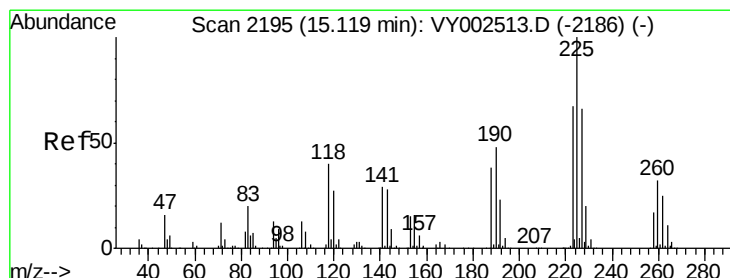
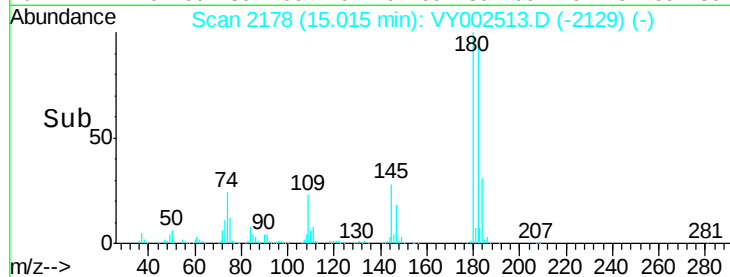
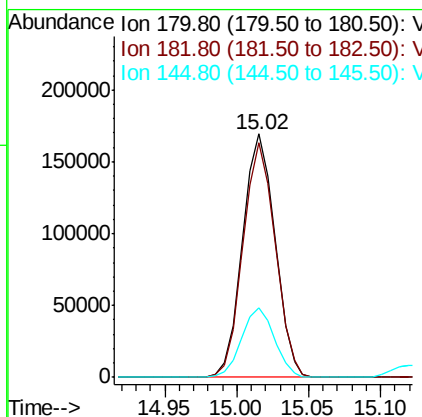
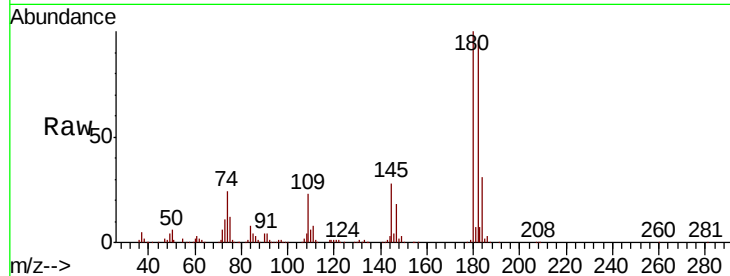
#93
 1,2,4-Trichlorobenzene
 Concen: 51.960 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	264951		
182	95.7	47.9	143.6	
145	28.7	14.4	43.0	

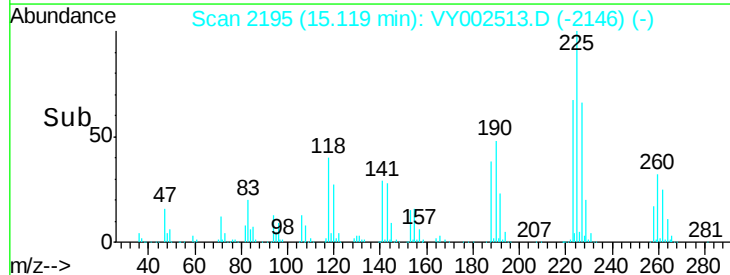
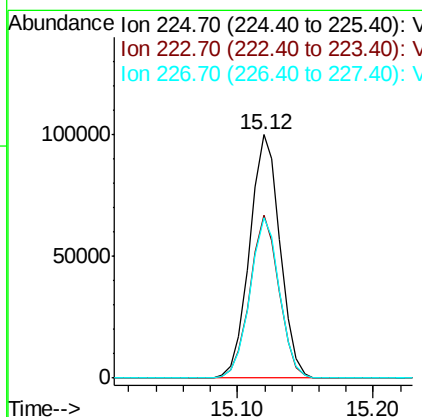
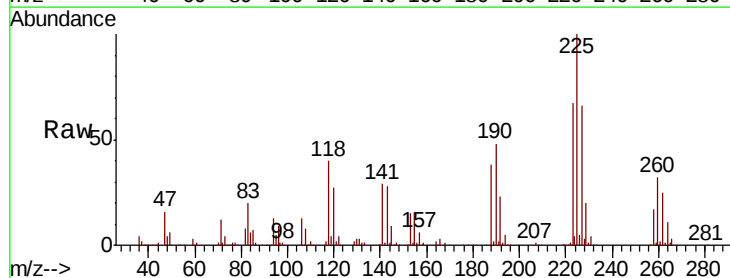
Manual Integrations
 APPROVED

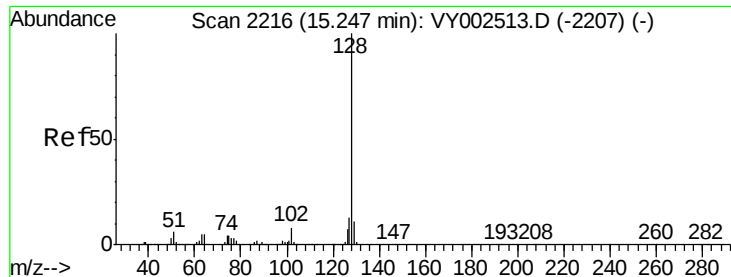
MMDadoda
 5/5/2020 4:31:08 PM



#94
 Hexachlorobutadiene
 Concen: 51.165 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156604		
223	64.3	32.1	96.5	
227	64.1	32.0	96.2	





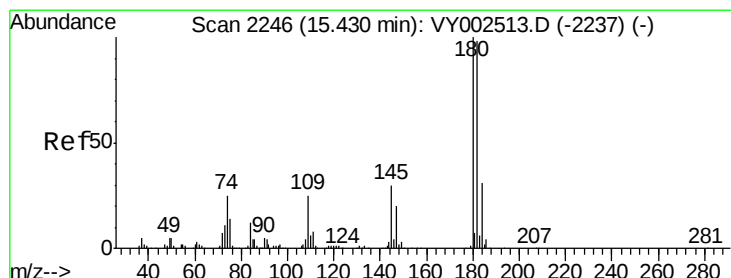
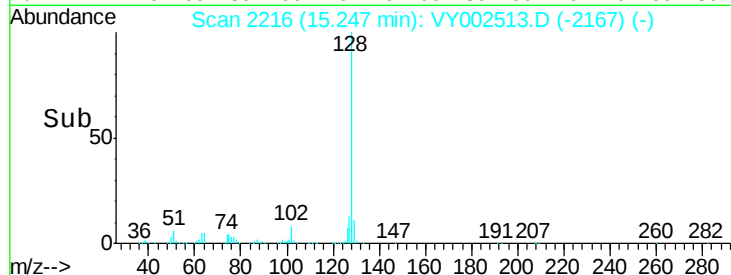
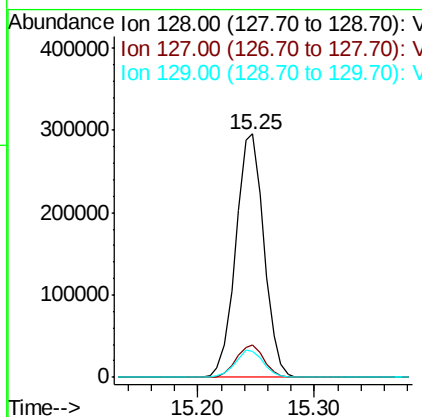
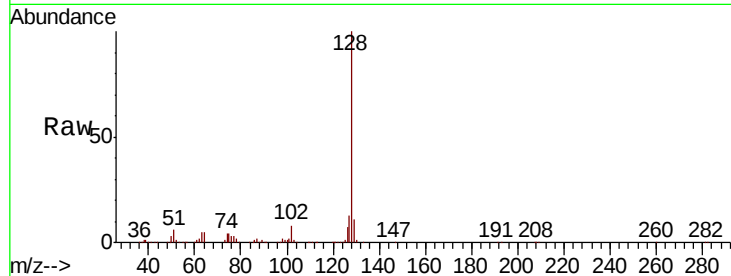
#95
Naphthalene
Concen: 53.504 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	497696		
127	13.1	10.5	15.7	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:31:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.975 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224987		
182	95.9	47.9	143.8	
145	30.1	15.0	45.1	

