

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000145.D
 Acq On : 26 Sep 2019 11:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:12:56 AM

Quant Time: Sep 26 14:16:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	199839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	334297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	91240	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.72	113	90305	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.18	98	394404	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.48	95	132404	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	72778	45.814	ug/l	100
3) Chloromethane	2.11	50	110114	47.503	ug/l	100
4) Vinyl Chloride	2.24	62	125040	50.208	ug/l	100
5) Bromomethane	2.63	94	81447	48.500	ug/l	100
6) Chloroethane	2.79	64	76970	49.784	ug/l	100
7) Trichlorofluoromethane	3.12	101	152298	50.734	ug/l	100
8) Diethyl Ether	3.53	74	61696	51.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	101379	51.737	ug/l	100
10) Methyl Iodide	4.08	142	167991	55.603	ug/l	100
11) Tert butyl alcohol	4.97	59	42723	244.346	ug/l	100
12) 1,1-Dichloroethene	3.87	96	104941	51.068	ug/l	100
13) Acrolein	3.73	56	55050	253.525	ug/l	100
14) Allyl chloride	4.47	41	133700	51.994	ug/l	100
15) Acrylonitrile	5.17	53	137870	253.297	ug/l	100
16) Acetone	3.94	43	108338	252.640	ug/l	100
17) Carbon Disulfide	4.19	76	325450	51.058	ug/l	100
18) Methyl Acetate	4.47	43	60722	47.845	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	256651	52.757	ug/l	100
20) Methylene Chloride	4.71	84	114237	46.126	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	117404	51.279	ug/l	100
22) Diisopropyl ether	6.12	45	276250	51.119	ug/l	100
23) Vinyl Acetate	6.07	43	874794	258.297	ug/l	100
24) 1,1-Dichloroethane	6.02	63	169178	51.714	ug/l	100
25) 2-Butanone	6.99	43	172731	257.085	ug/l	100
26) 2,2-Dichloropropane	6.98	77	148843	50.038	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	132279	51.987	ug/l	100
28) Bromochloromethane	7.34	49	67320	54.013	ug/l	100
29) Tetrahydrofuran	7.35	42	105032	253.581	ug/l	100
30) Chloroform	7.51	83	174121	50.855	ug/l	100
31) Cyclohexane	7.78	56	162562	48.065	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	156756	52.213	ug/l	100
36) 1,1-Dichloropropene	7.92	75	141240	50.841	ug/l	100
37) Ethyl Acetate	7.08	43	71457	48.692	ug/l	100
38) Carbon Tetrachloride	7.90	117	140401	51.769	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000145.D
 Acq On : 26 Sep 2019 11:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:12:56 AM

Quant Time: Sep 26 14:16:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	201916	51.243	ug/l	100
40) Benzene	8.16	78	446760	50.909	ug/l	100
41) Methacrylonitrile	7.32	41	37652m	47.318	ug/l	
42) 1,2-Dichloroethane	8.24	62	108009	50.585	ug/l	100
43) Isopropyl Acetate	8.28	43	139495	51.457	ug/l	100
44) Trichloroethene	8.94	130	146864	52.370	ug/l	100
45) 1,2-Dichloropropane	9.22	63	98564	50.914	ug/l	100
46) Dibromomethane	9.30	93	60091	50.862	ug/l	100
47) Bromodichloromethane	9.50	83	137237	51.534	ug/l	100
48) Methyl methacrylate	9.30	41	60125	49.530	ug/l	100
49) 1,4-Dioxane	9.30	88	18683	1023.566	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	360055	255.891	ug/l	100
52) Toluene	10.24	92	289269	50.898	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145588	52.045	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	172596	52.064	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	88354	50.295	ug/l	100
56) Ethyl methacrylate	10.51	69	121312	53.088	ug/l	100
57) 1,3-Dichloropropane	10.79	76	144735	51.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	262146	244.244	ug/l	100
59) 2-Hexanone	10.83	43	268240	268.229	ug/l	100
60) Dibromochloromethane	10.99	129	103425	52.081	ug/l	100
61) 1,2-Dibromoethane	11.09	107	85701	51.123	ug/l	100
64) Tetrachloroethene	10.72	164	152374	51.843	ug/l	100
65) Chlorobenzene	11.52	112	312517	50.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	108801	52.147	ug/l	100
67) Ethyl Benzene	11.59	91	535206	50.709	ug/l	100
68) m/p-Xylenes	11.70	106	435371	102.038	ug/l	100
69) o-Xylene	12.03	106	206281	50.691	ug/l	100
70) Styrene	12.04	104	357702	51.941	ug/l	100
71) Bromoform	12.20	173	66184	53.981	ug/l #	100
73) Isopropylbenzene	12.33	105	529276	50.359	ug/l	100
74) N-amyl acetate	12.14	43	132418	52.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	75761	46.310	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	78711m	54.857	ug/l	
77) Bromobenzene	12.61	156	131700	50.724	ug/l	100
78) n-propylbenzene	12.67	91	620590	49.533	ug/l	100
79) 2-Chlorotoluene	12.75	91	346199	50.785	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	439372	50.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	37706	51.254	ug/l	100
82) 4-Chlorotoluene	12.85	91	355083	49.993	ug/l	100
83) tert-Butylbenzene	13.07	119	389620	51.750	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	444555	50.315	ug/l	100
85) sec-Butylbenzene	13.25	105	542254	50.165	ug/l	100
86) p-Isopropyltoluene	13.36	119	489691	50.872	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	248986	50.049	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	250565	50.598	ug/l	100
89) n-Butylbenzene	13.69	91	466712	51.018	ug/l	100
90) Hexachloroethane	13.95	117	93429	51.375	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	232914	51.242	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16988	52.628	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
Data File : VY000145.D
Acq On : 26 Sep 2019 11:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

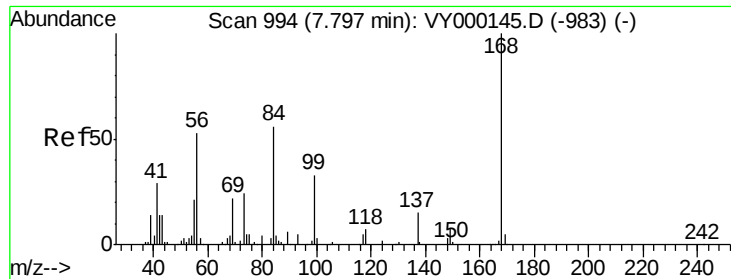
Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM

Quant Time: Sep 26 14:16:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:00:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	163562	51.864	ug/l	100
94) Hexachlorobutadiene	15.11	225	78637	51.106	ug/l	100
95) Naphthalene	15.23	128	356766	50.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	148204	52.399	ug/l	100

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



#1

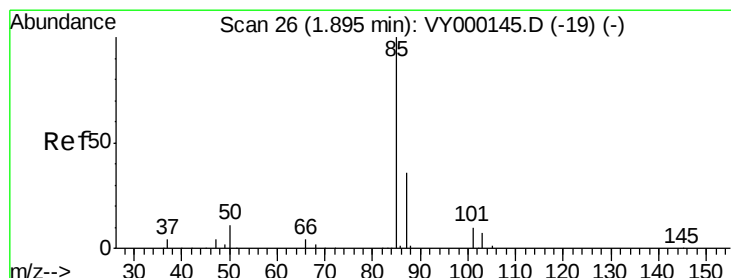
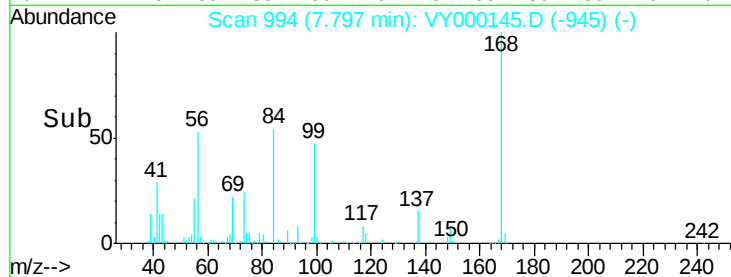
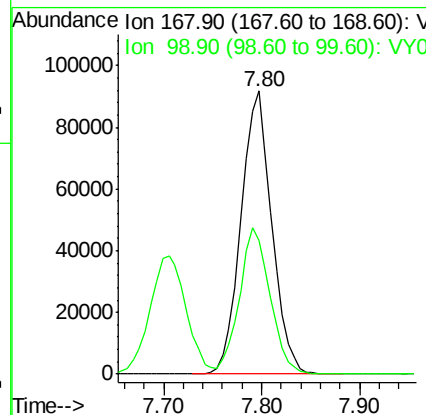
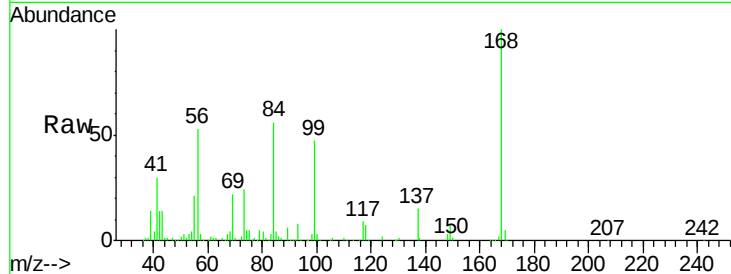
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.4	37.9	56.9

Manual Integrations
 APPROVED

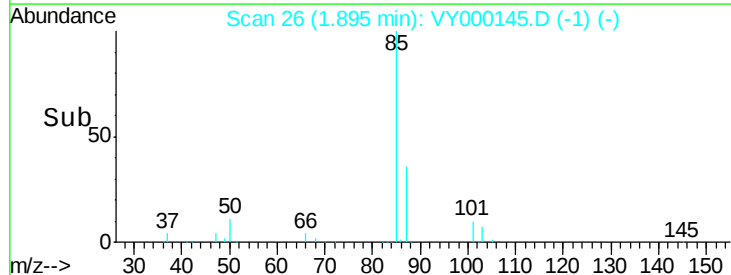
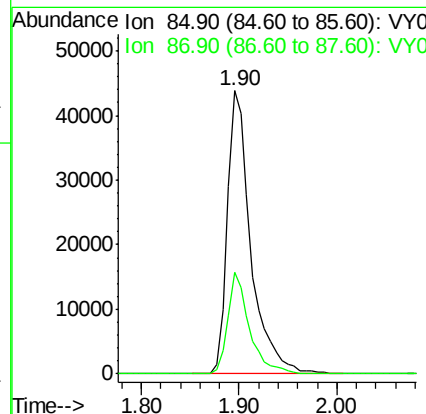
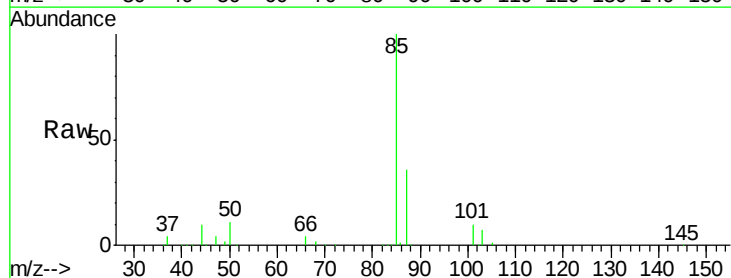
MMDadoda
 10/2/2019 9:12:56 AM

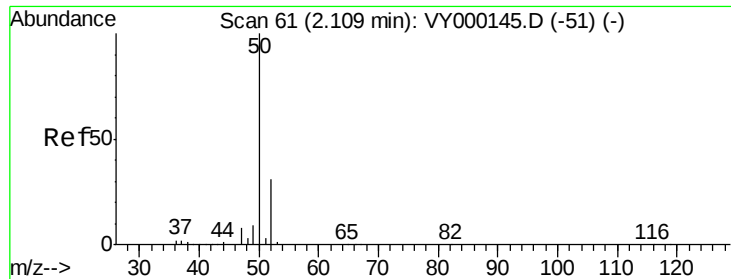


#2

Dichlorodifluoromethane
 Concen: 45.814 ug/l
 RT: 1.90 min Scan# 26
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.9	17.9	53.8





#3

Chloromethane

Concen: 47.503 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 110114

Ion Ratio Lower Upper

50 100

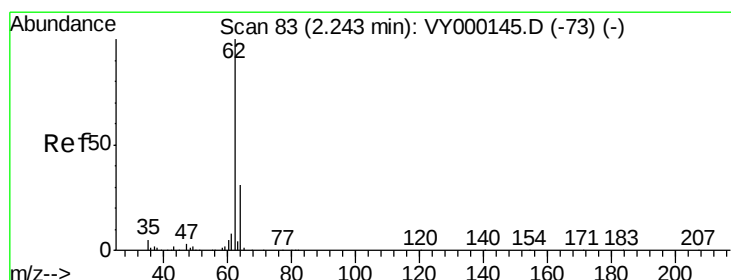
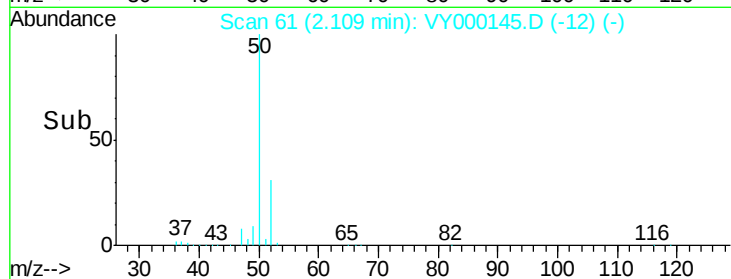
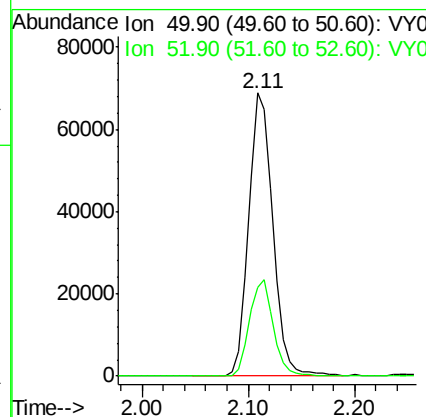
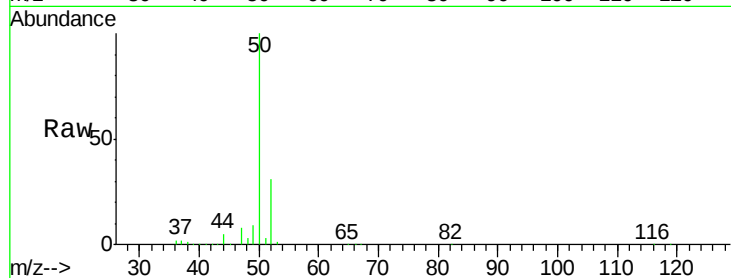
52 31.3 25.0 37.6

Manual Integrations

APPROVED

MMDadoda

10/2/2019 9:12:56 AM



#4

Vinyl Chloride

Concen: 50.208 ug/l

RT: 2.24 min Scan# 83

Delta R.T. 0.00 min

Lab File: VY000145.D

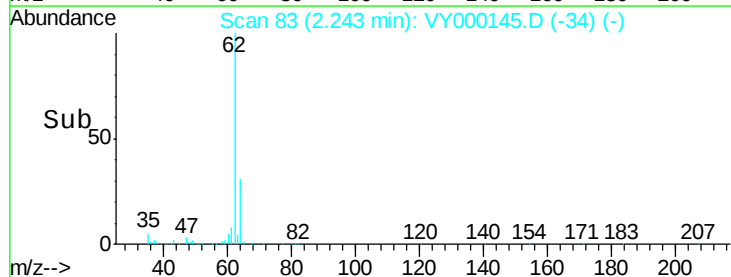
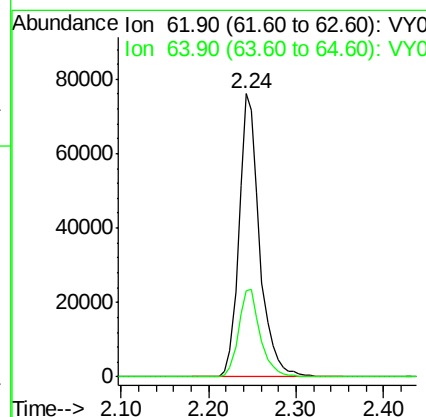
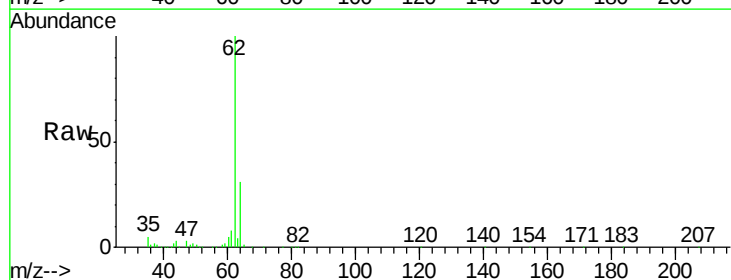
Acq: 26 Sep 2019 11:34

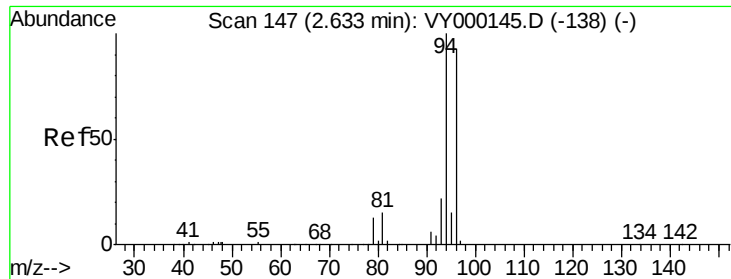
Tgt Ion: 62 Resp: 125040

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





#5

Bromomethane

Concen: 48.500 ug/l

RT: 2.63 min Scan# 147

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 81447

Ion Ratio Lower Upper

94 100

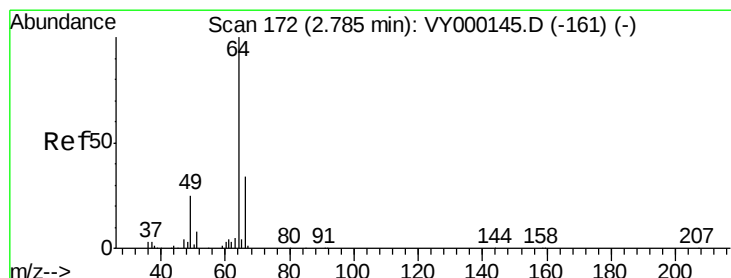
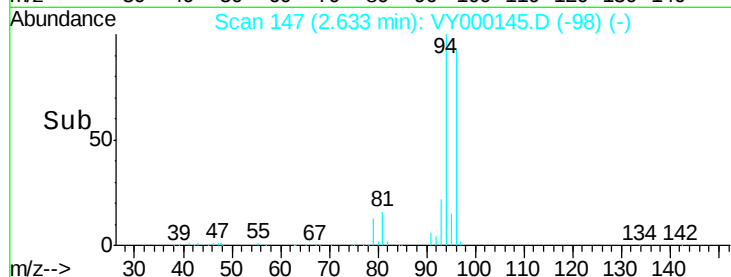
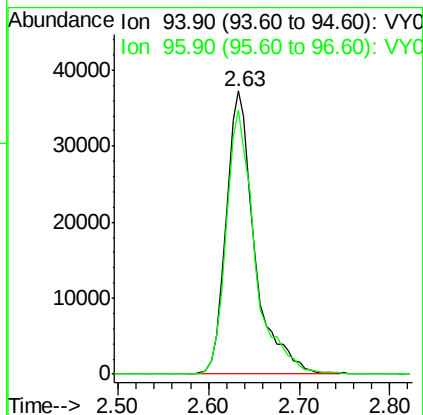
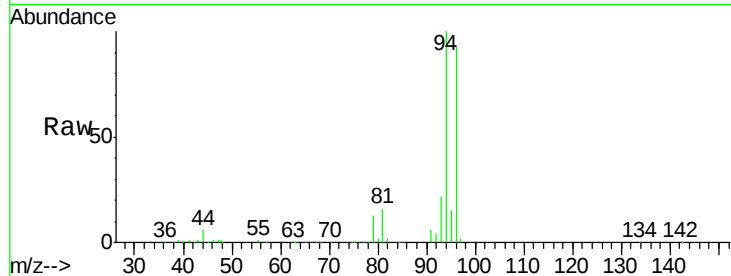
96 93.2 74.6 111.8

Manual Integrations

APPROVED

MMDadoda

10/2/2019 9:12:56 AM



#6

Chloroethane

Concen: 49.784 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000145.D

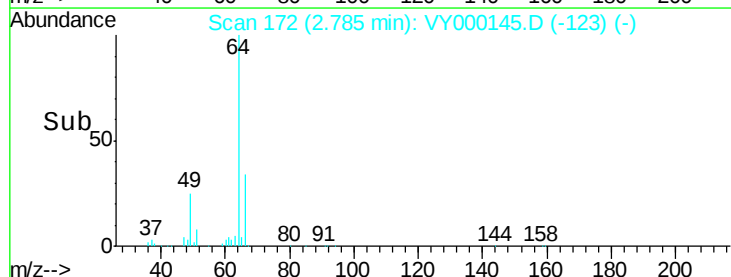
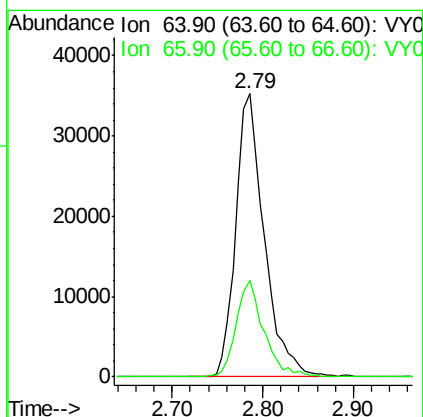
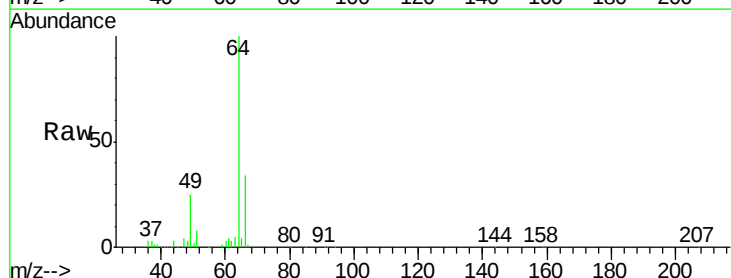
Acq: 26 Sep 2019 11:34

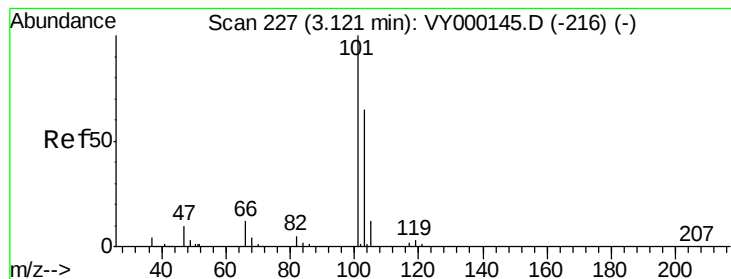
Tgt Ion: 64 Resp: 76970

Ion Ratio Lower Upper

64 100

66 34.2 27.4 41.0





#7

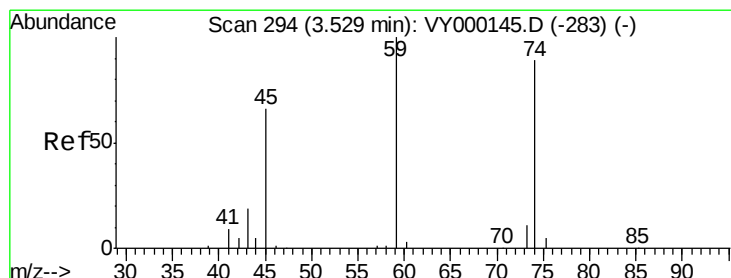
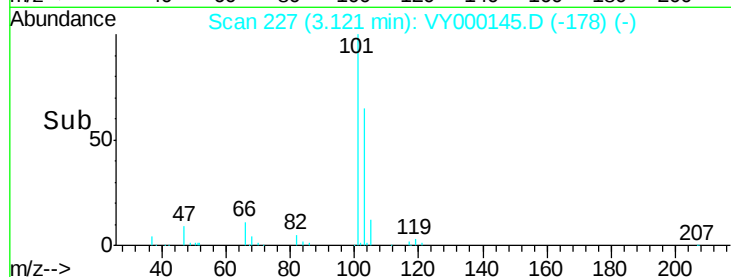
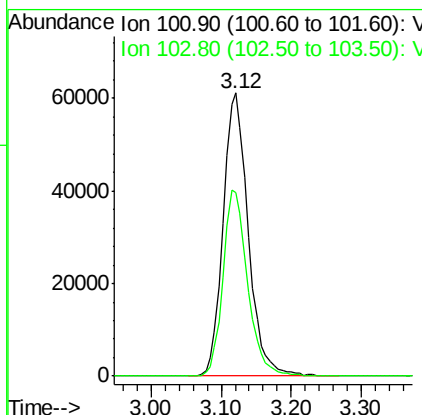
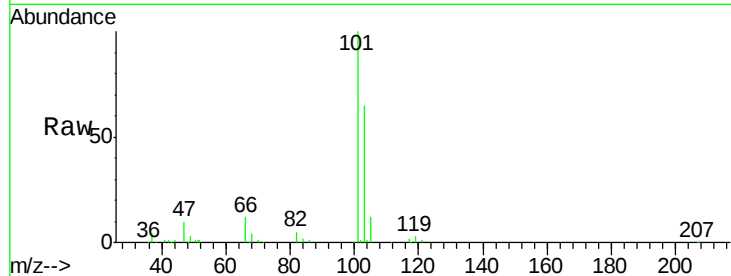
Trichlorofluoromethane
 Concen: 50.734 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	152298		
103	64.9	51.9	77.9	

Manual Integrations
 APPROVED

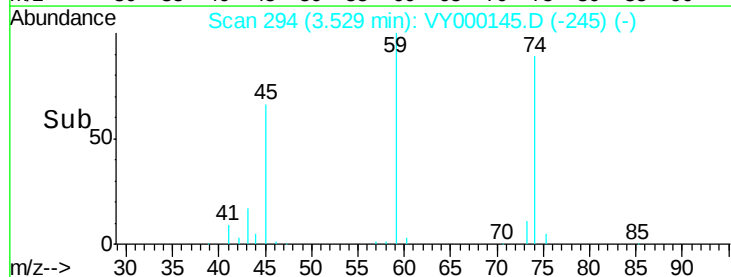
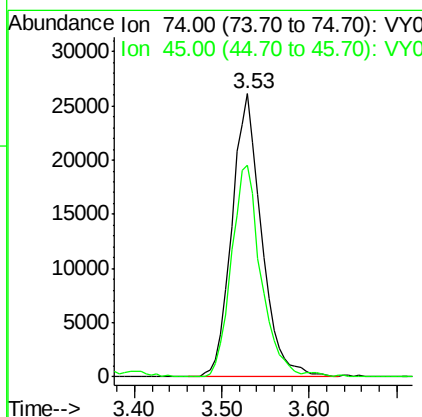
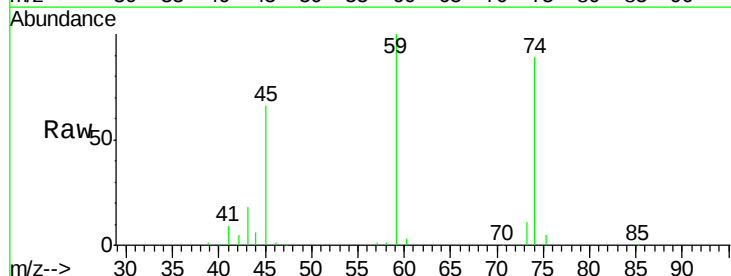
MMDadoda
 10/2/2019 9:12:56 AM

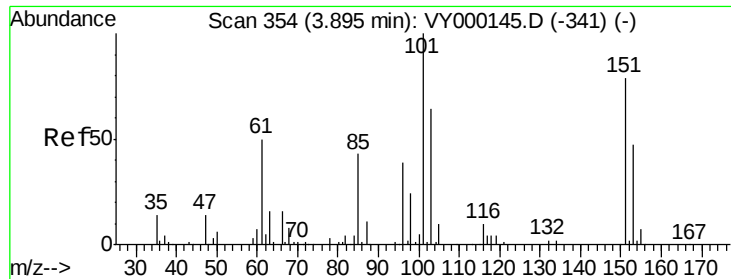


#8

Diethyl Ether
 Concen: 51.549 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61696		
45	75.4	37.7	113.1	





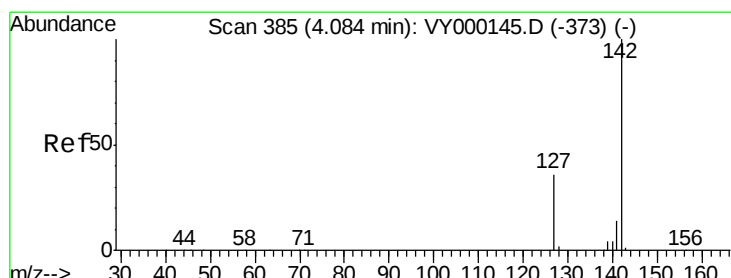
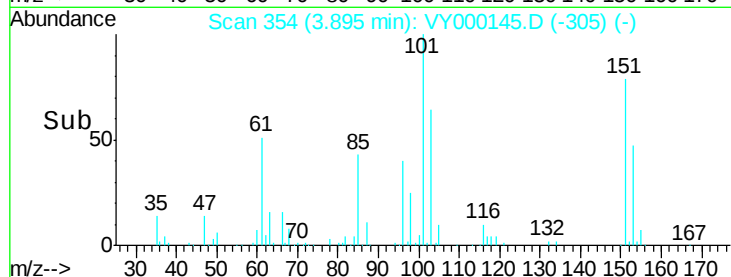
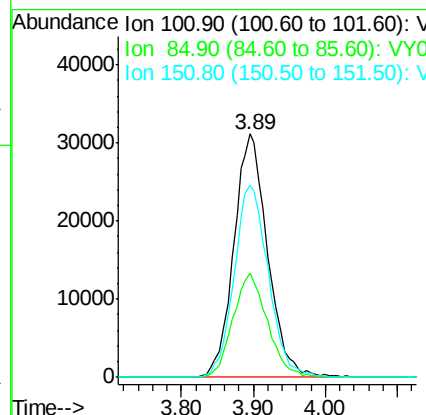
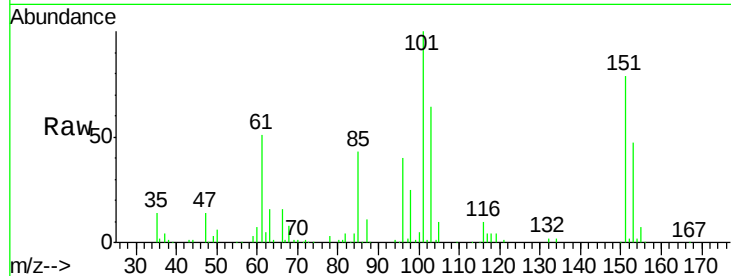
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.737 ug/l
 RT: 3.89 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101379		
85	43.5	34.8	52.2	
151	80.0	64.0	96.0	

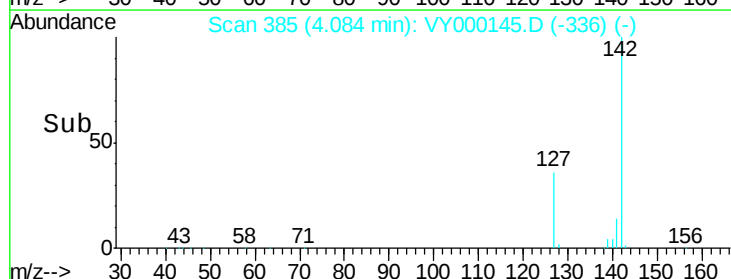
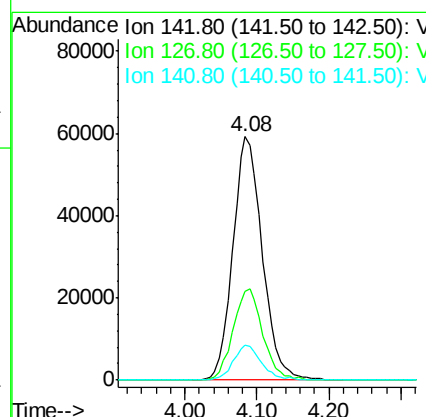
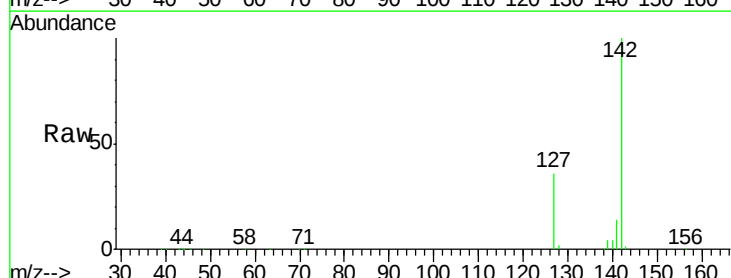
Manual Integrations
 APPROVED

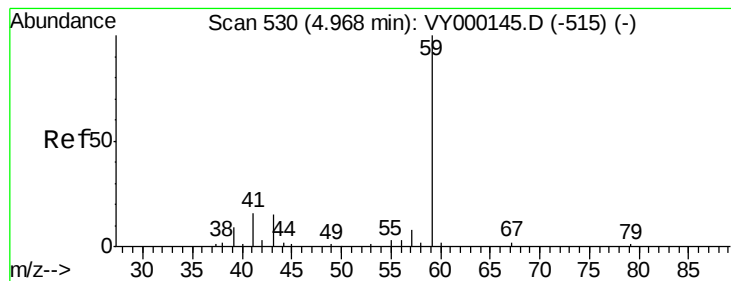
MMDadoda
 10/2/2019 9:12:56 AM



#10
 Methyl Iodide
 Concen: 55.603 ug/l
 RT: 4.08 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	167991		
127	37.5	30.0	45.0	
141	13.8	11.0	16.6	





#11

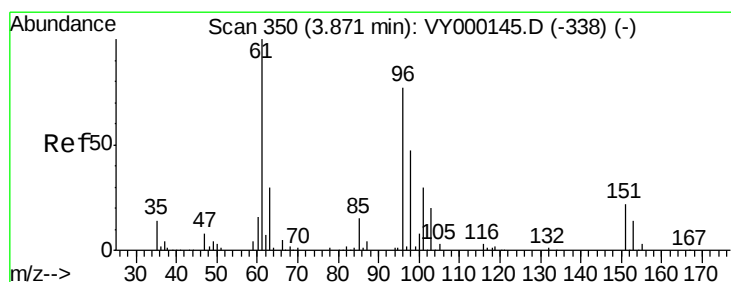
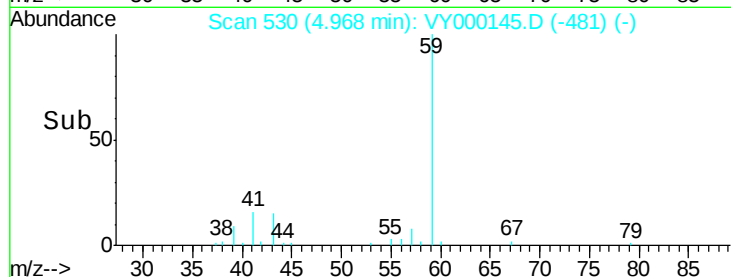
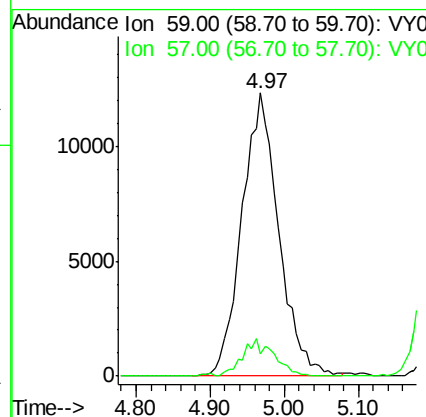
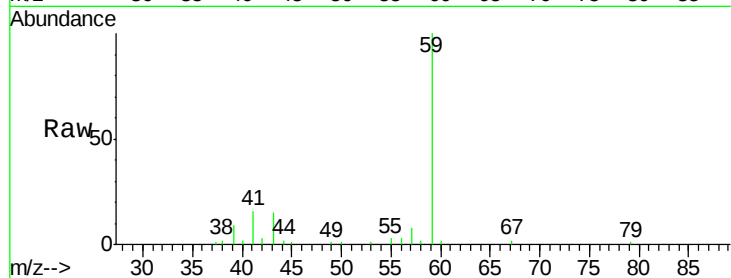
Tert butyl alcohol
Concen: 244.346 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

Manual Integrations
APPROVED

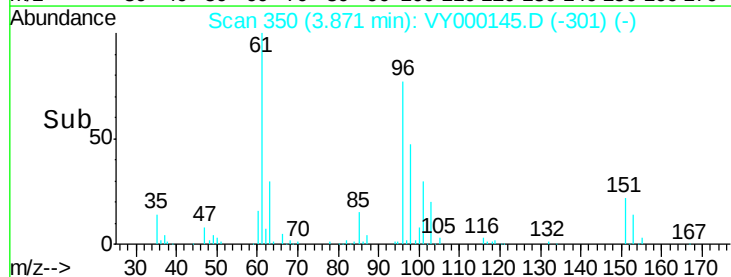
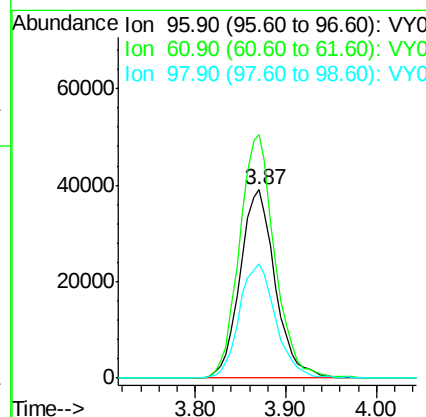
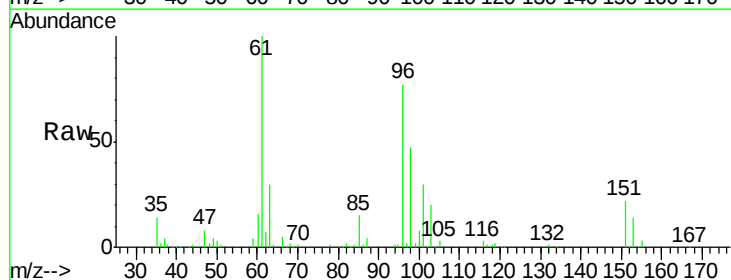
MMDadoda
10/2/2019 9:12:56 AM

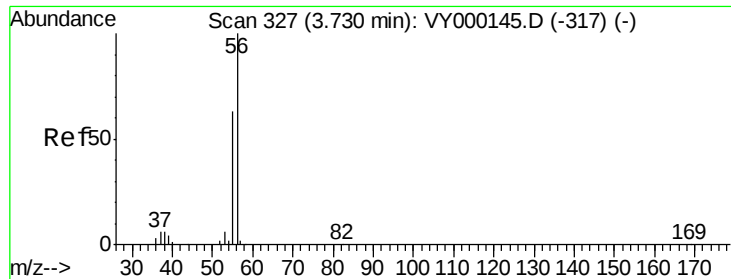


#12

1,1-Dichloroethene
Concen: 51.068 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.5	103.6	155.4
98	60.9	48.7	73.1





#13

Acrolein

Concen: 253.525 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 55050

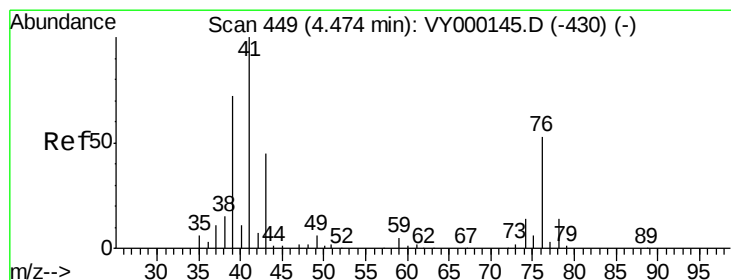
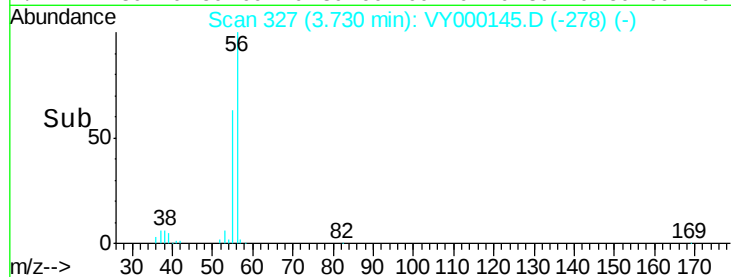
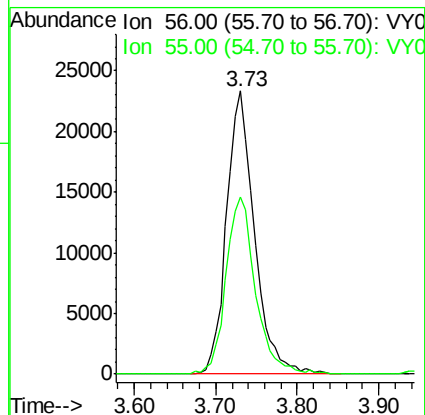
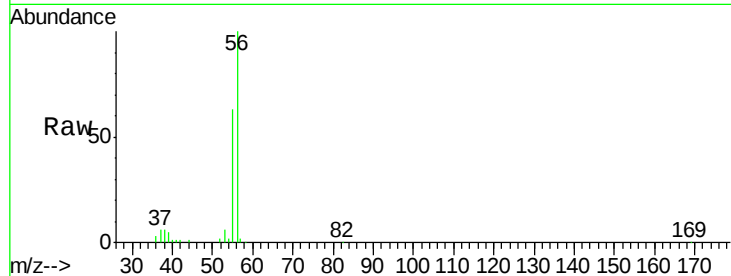
Ion Ratio Lower Upper

56 100

55 66.4 53.1 79.7

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



#14

Allyl chloride

Concen: 51.994 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

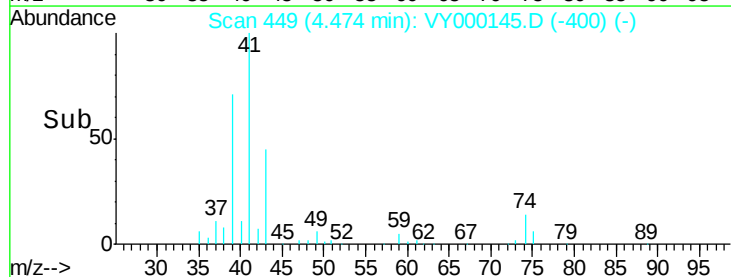
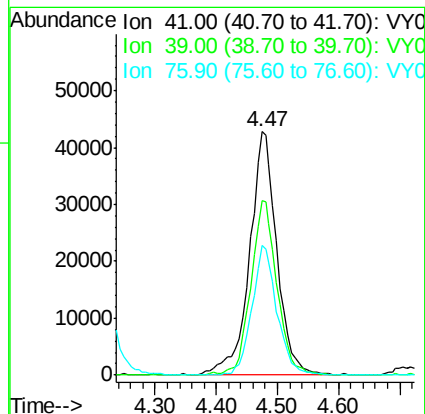
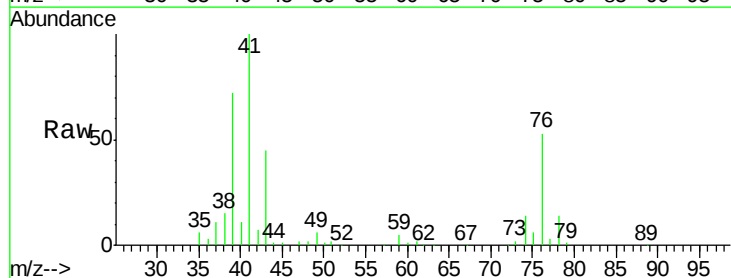
Tgt Ion: 41 Resp: 133700

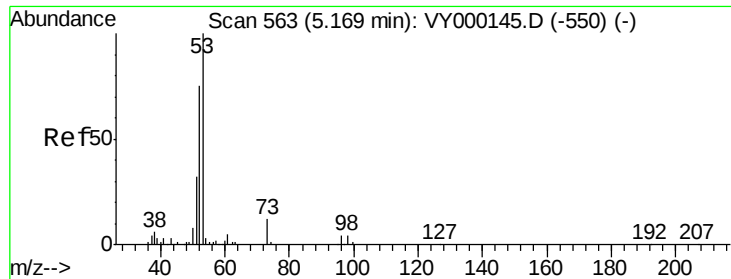
Ion Ratio Lower Upper

41 100

39 68.3 54.6 82.0

76 48.8 39.0 58.6





#15

Acrylonitrile

Concen: 253.297 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

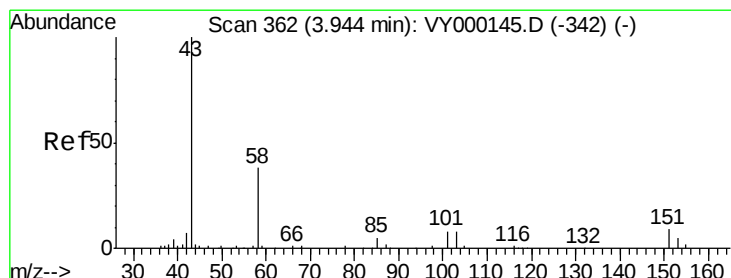
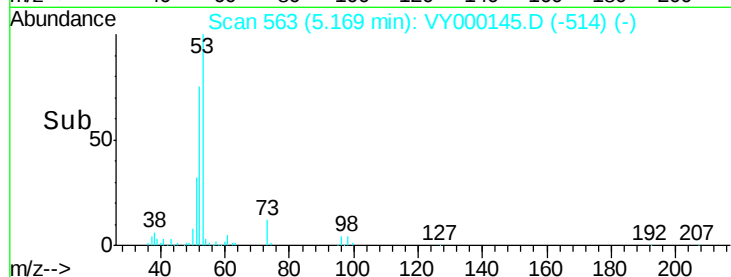
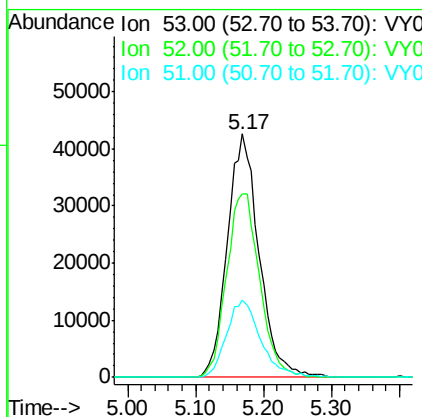
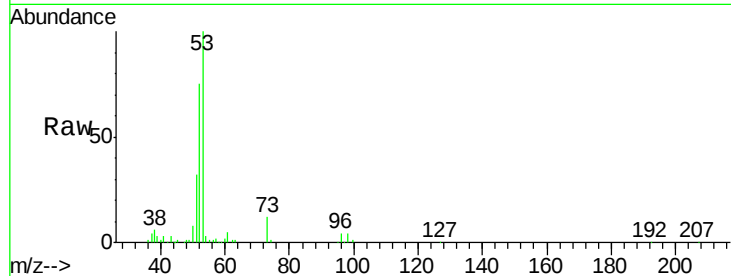
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	137870
Ion	Ratio	Lower	Upper
53	100		
52	78.6	62.9	94.3
51	34.4	27.5	41.3

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



#16

Acetone

Concen: 252.640 ug/l

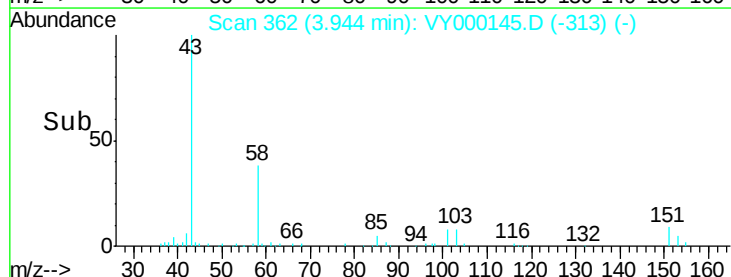
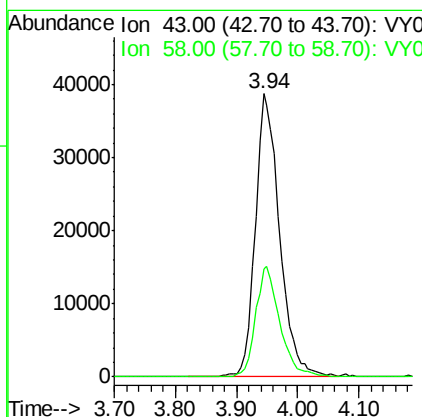
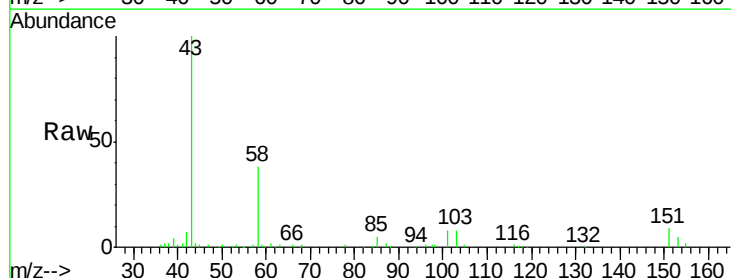
RT: 3.94 min Scan# 362

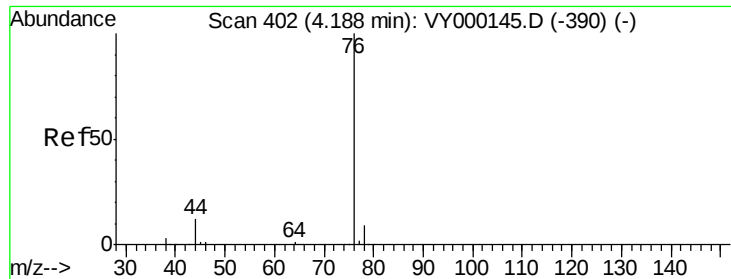
Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Tgt Ion:	43	Resp:	108338
Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6





#17

Carbon Disulfide

Concen: 51.058 ug/l

RT: 4.19 min Scan# 402

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 325450

Ion Ratio Lower Upper

76 100

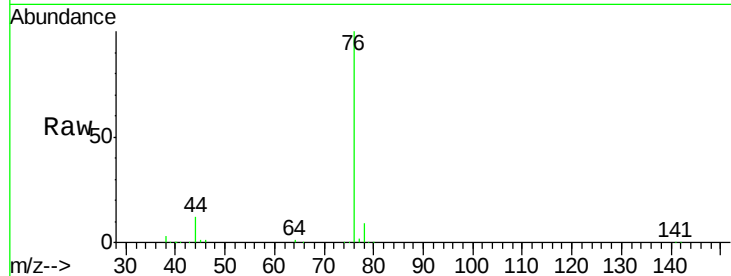
78 8.7 7.0 10.4

Manual Integrations

APPROVED

MMDadoda

10/2/2019 9:12:56 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

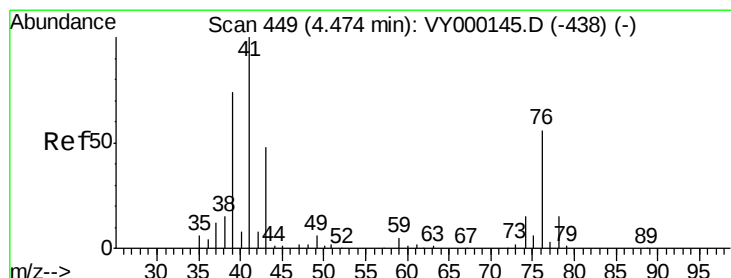
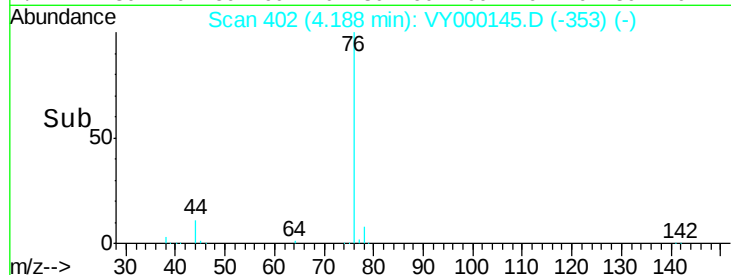
4.19

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.845 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000145.D

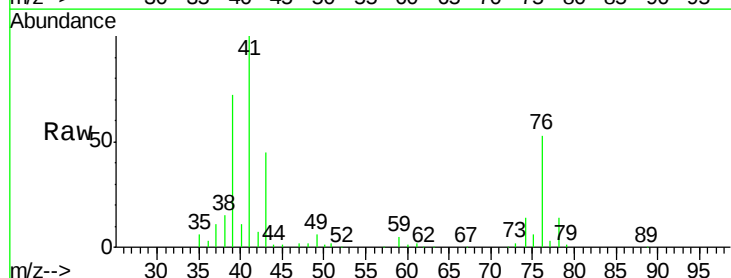
Acq: 26 Sep 2019 11:34

Tgt Ion: 43 Resp: 60722

Ion Ratio Lower Upper

43 100

74 32.0 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.47

20000

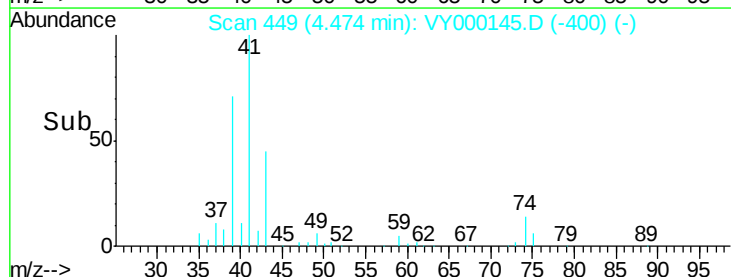
15000

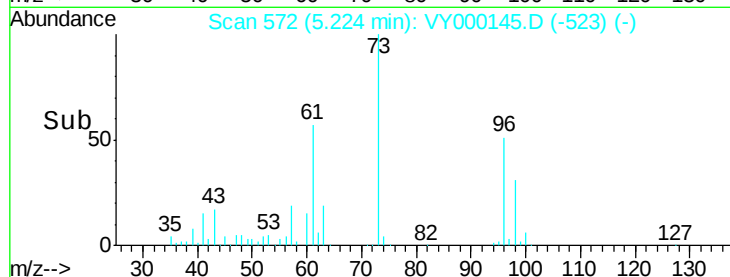
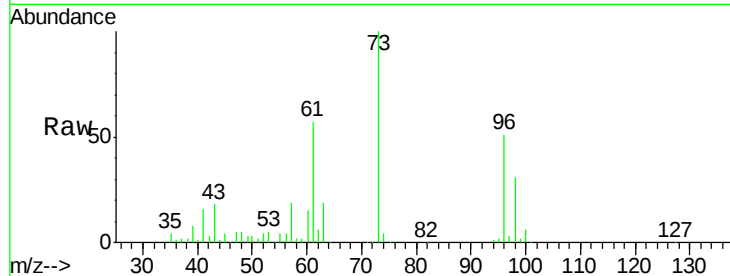
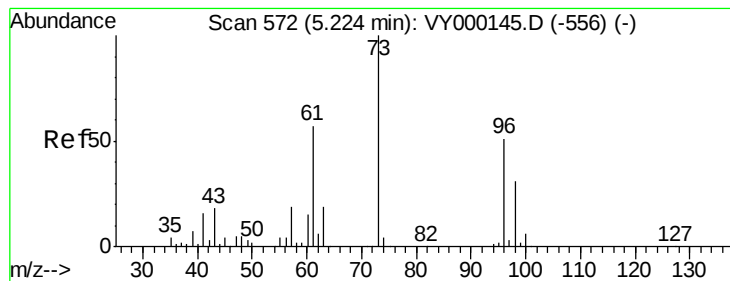
10000

5000

0

Time-->





#19

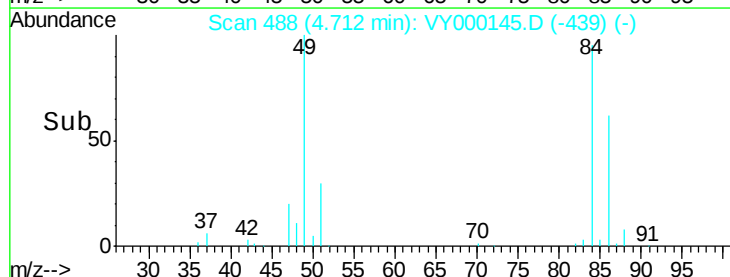
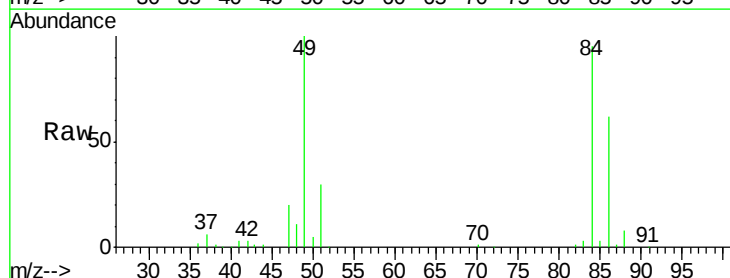
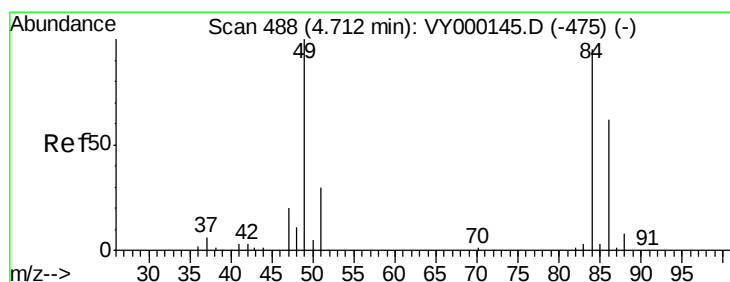
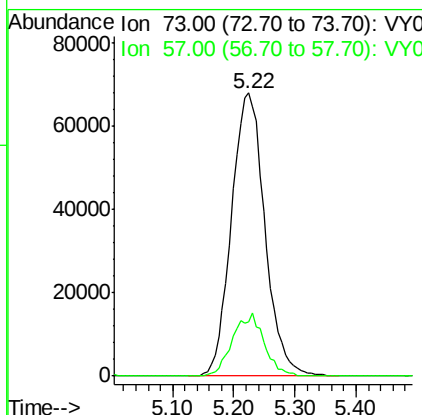
Methyl tert-butyl Ether
Concen: 52.757 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tot Ion	73	57	Ratio	100	19.4	Resp	256651	Lower	15.5	Upper	23.3
Ion	73	57	Ratio	100	19.4	Resp	256651	Lower	15.5	Upper	23.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

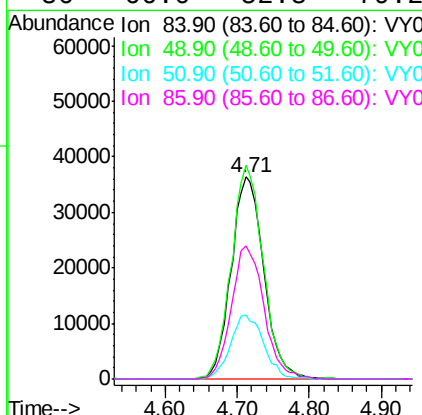
MMDadoda
10/2/2019 9:12:56 AM

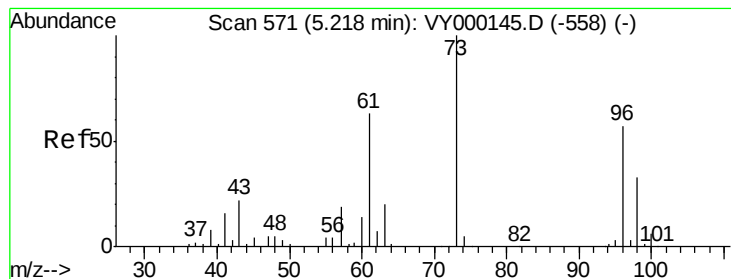


#20

Methylene Chloride
Concen: 46.126 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	84	49	51	86	Ratio	100	105.7	31.8	66.0	Resp	114237	Lower	84.6	25.4	52.8	Upper	126.8	38.2	79.2
Ion	84	49	51	86	Ratio	100	105.7	31.8	66.0	Resp	114237	Lower	84.6	25.4	52.8	Upper	126.8	38.2	79.2





#21

trans-1,2-Dichloroethene

Concen: 51.279 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 117404

Ion Ratio Lower Upper

96 100

61 110.0 88.0 132.0

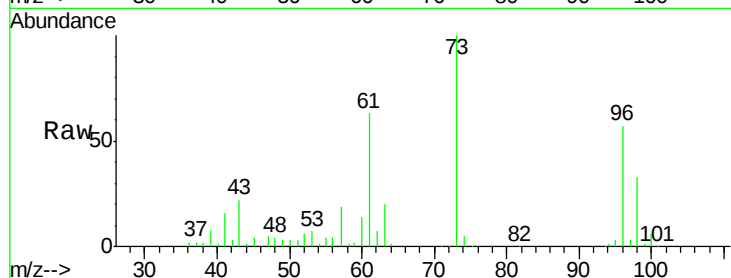
98 57.0 45.6 68.4

Manual Integrations

APPROVED

MMDadoda

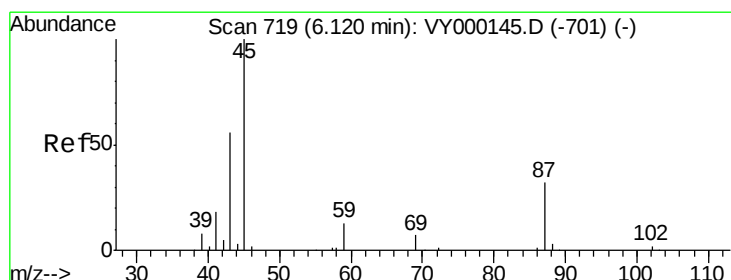
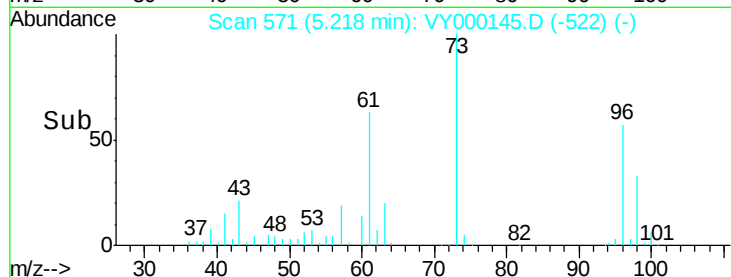
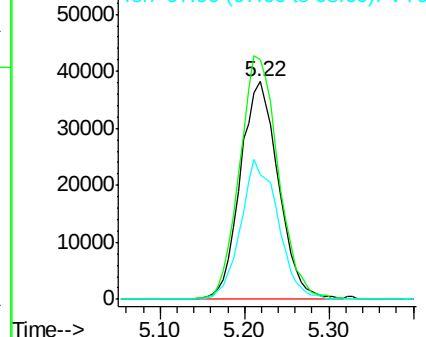
10/2/2019 9:12:56 AM



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 51.119 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Tgt Ion: 45 Resp: 276250

Ion Ratio Lower Upper

45 100

43 60.5 48.4 72.6

87 33.2 26.6 39.8

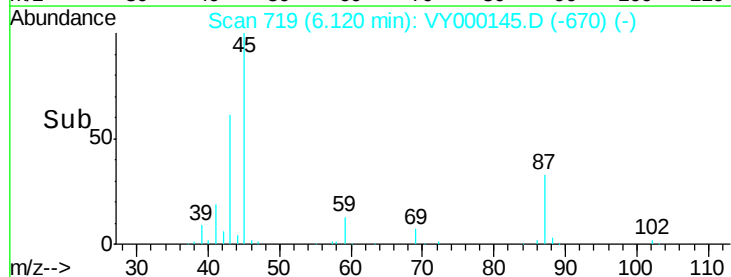
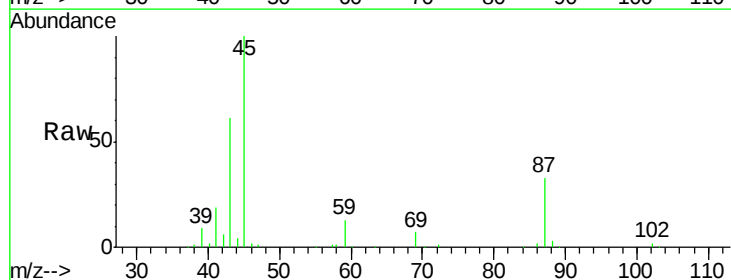
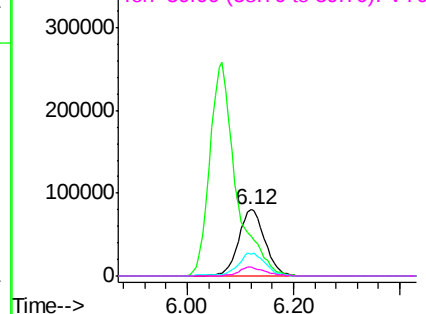
59 13.1 10.5 15.7

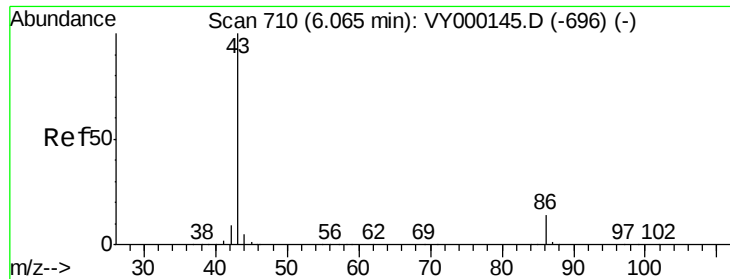
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 258.297 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 874794

Ion Ratio Lower Upper

43 100

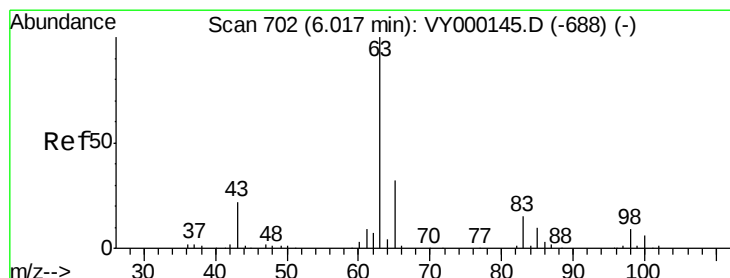
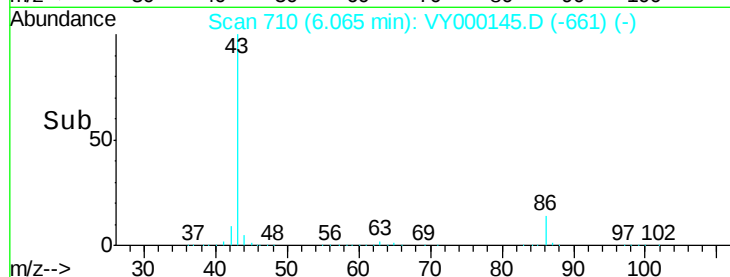
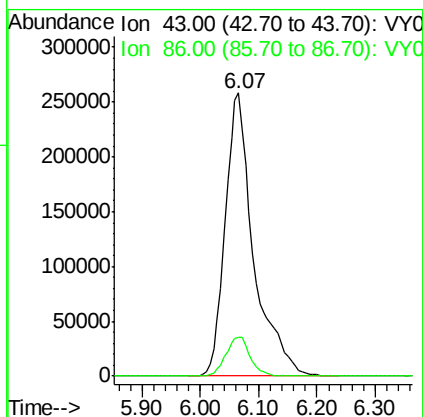
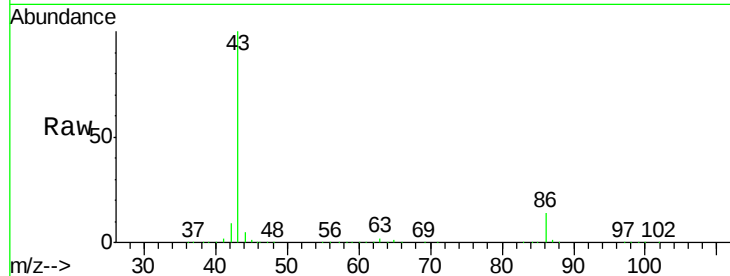
86 13.9 11.1 16.7

Manual Integrations

APPROVED

MMDadoda

10/2/2019 9:12:56 AM



#24

1,1-Dichloroethane

Concen: 51.714 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

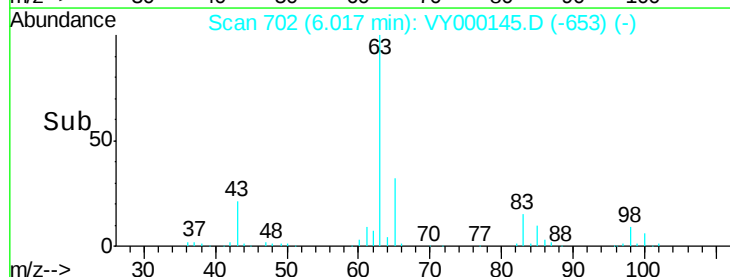
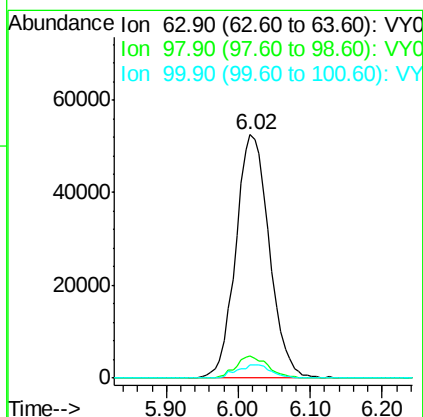
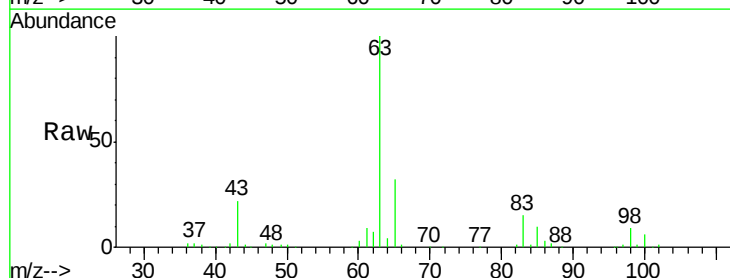
Tgt Ion: 63 Resp: 169178

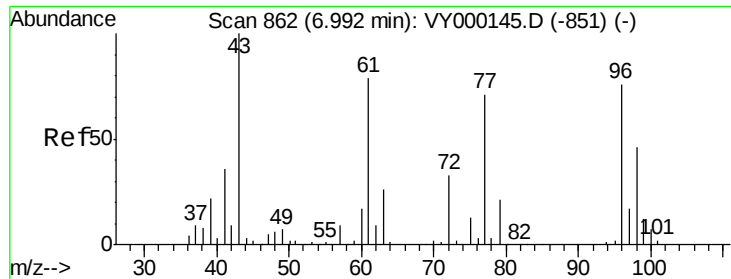
Ion Ratio Lower Upper

63 100

98 9.2 4.6 13.8

100 5.6 2.8 8.4





#25

2-Butanone

Concen: 257.085 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 172731

Ion Ratio Lower Upper

43 100

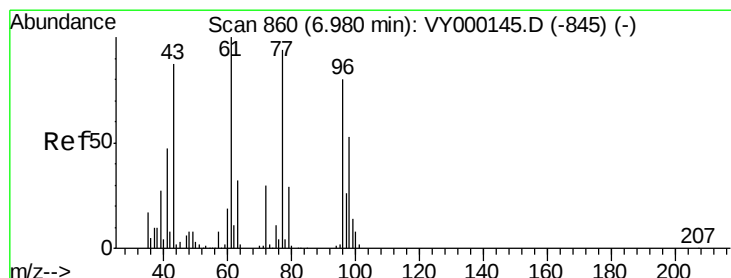
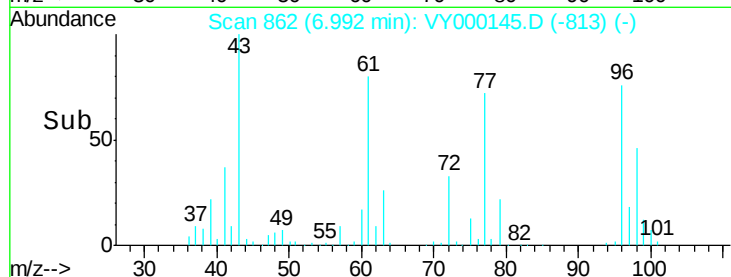
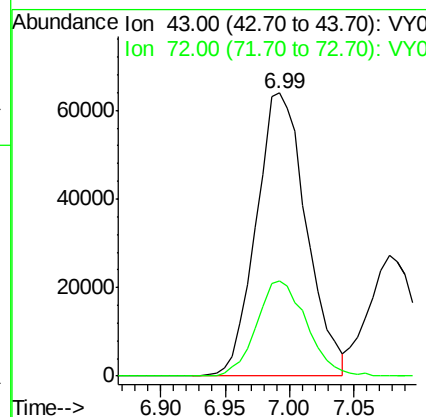
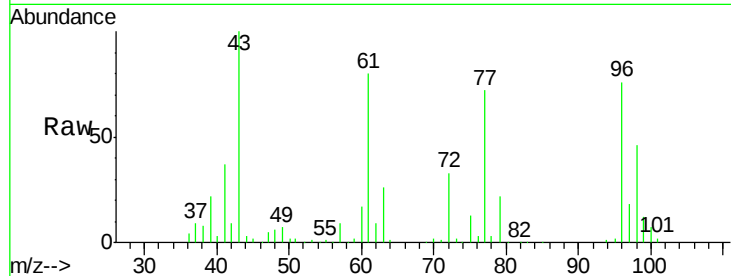
72 33.5 26.8 40.2

Manual Integrations

APPROVED

MMDadoda

10/2/2019 9:12:56 AM



#26

2,2-Dichloropropane

Concen: 50.038 ug/l

RT: 6.98 min Scan# 860

Delta R.T. 0.00 min

Lab File: VY000145.D

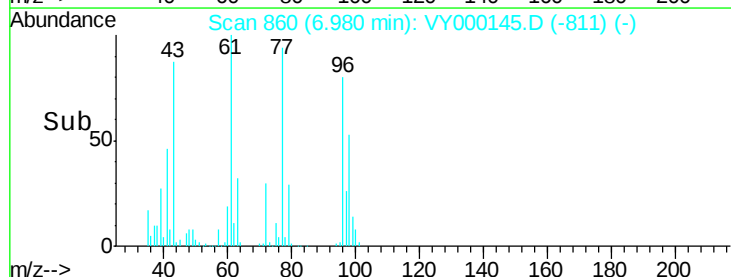
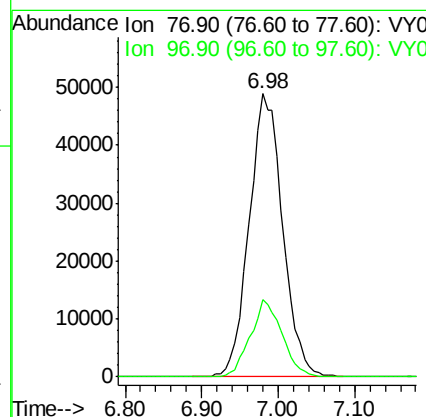
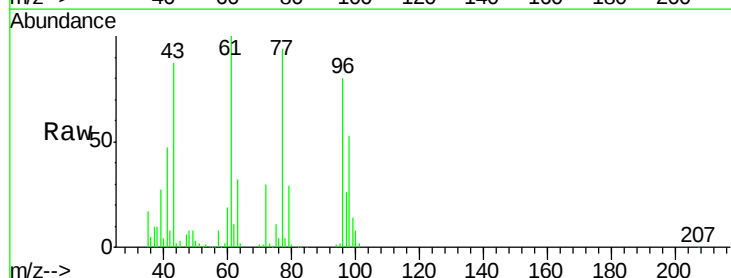
Acq: 26 Sep 2019 11:34

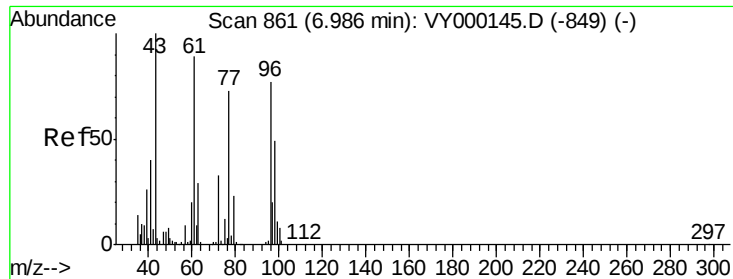
Tgt Ion: 77 Resp: 148843

Ion Ratio Lower Upper

77 100

97 25.9 13.0 38.9





#27

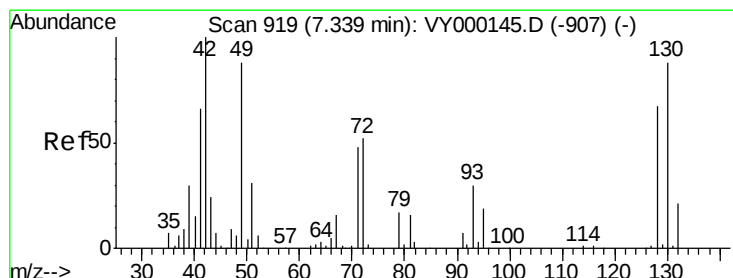
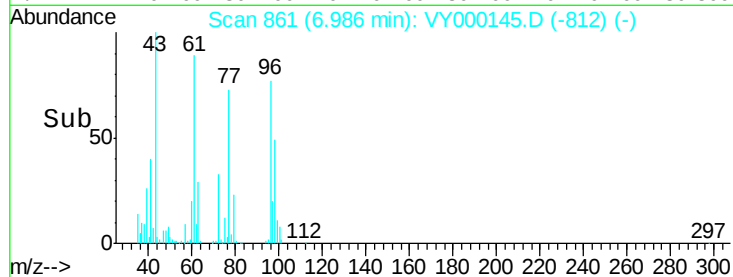
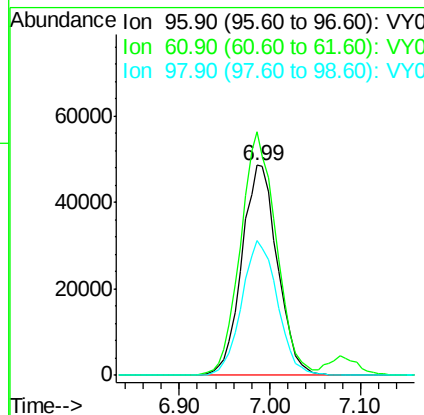
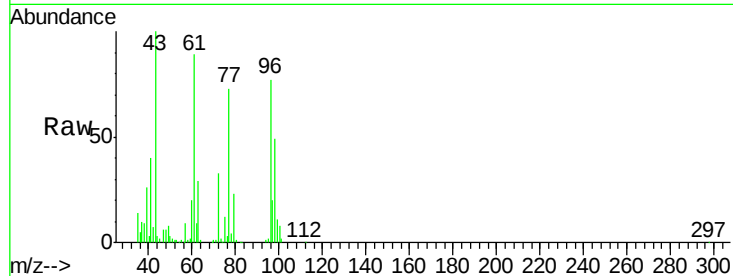
cis-1,2-Dichloroethene
Concen: 51.987 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.4	0.0	232.8
98	64.4	0.0	128.8

Manual Integrations
APPROVED

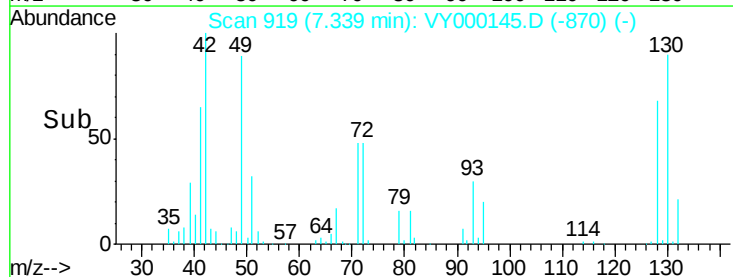
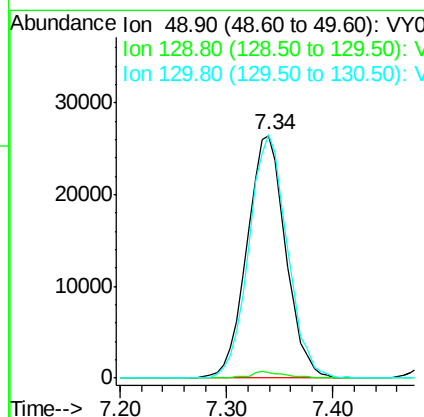
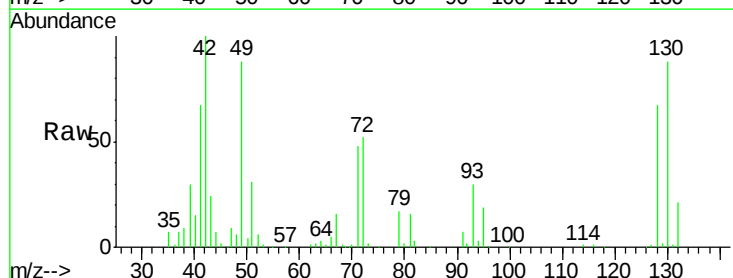
MMDadoda
10/2/2019 9:12:56 AM

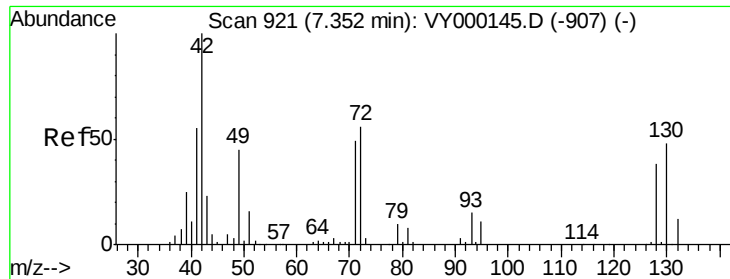


#28

Bromochloromethane
Concen: 54.013 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	99.4	79.5	119.3





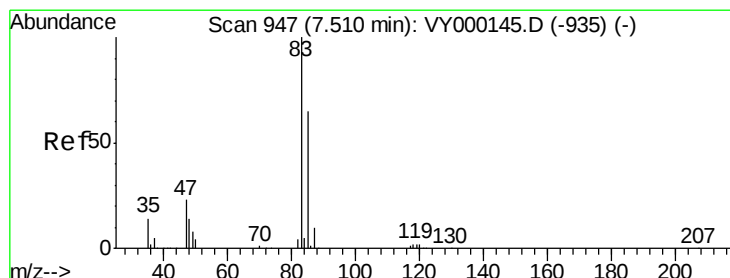
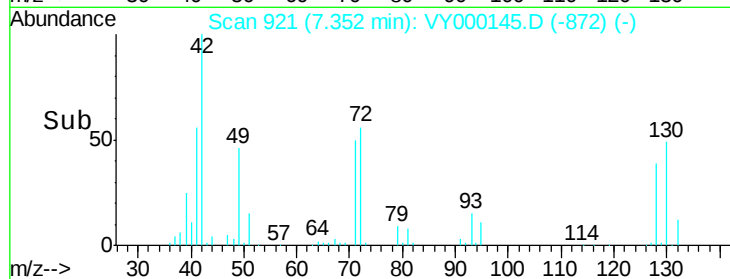
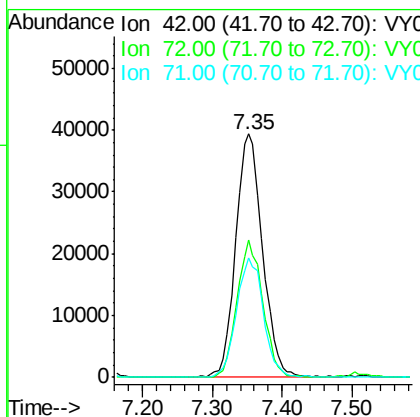
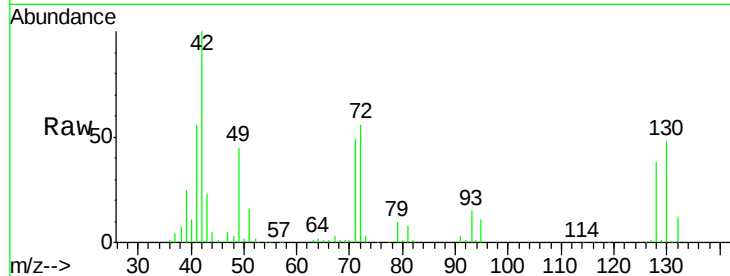
#29
Tetrahydrofuran
Concen: 253.581 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	43.1	64.7
71	49.3	39.4	59.2

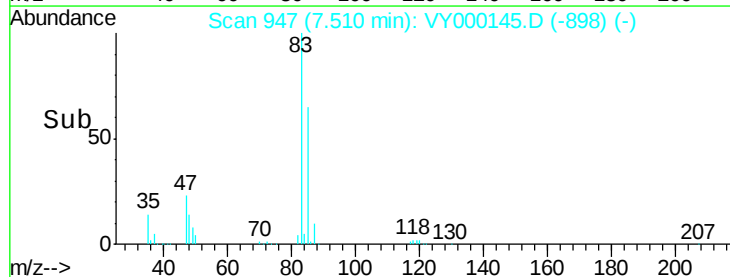
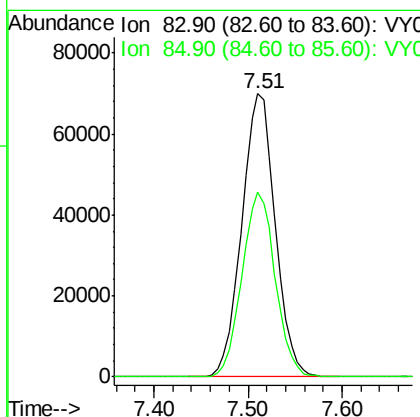
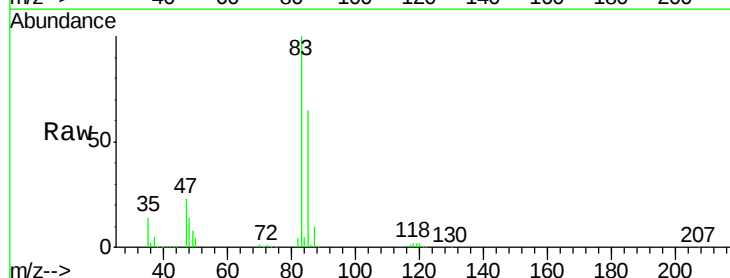
Manual Integrations
APPROVED

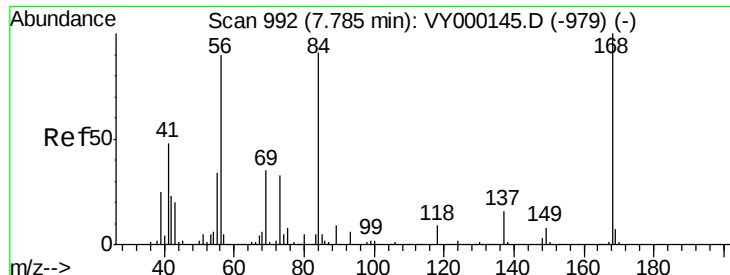
MMDadoda
10/2/2019 9:12:56 AM



#30
Chloroform
Concen: 50.855 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





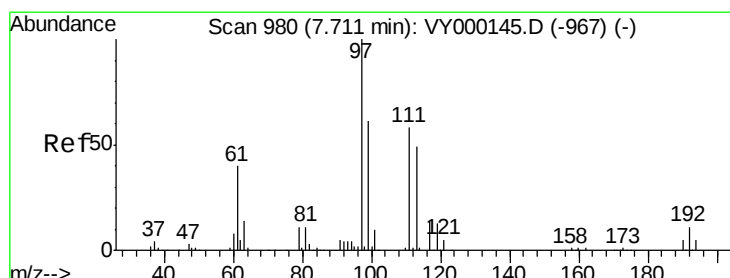
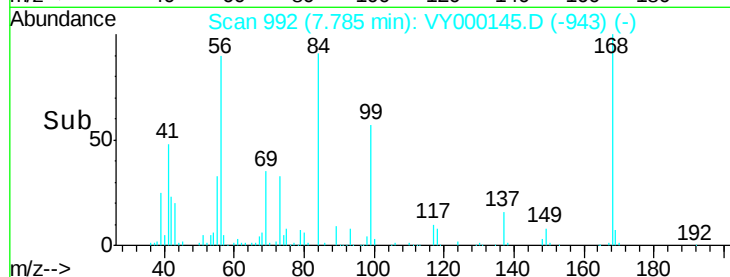
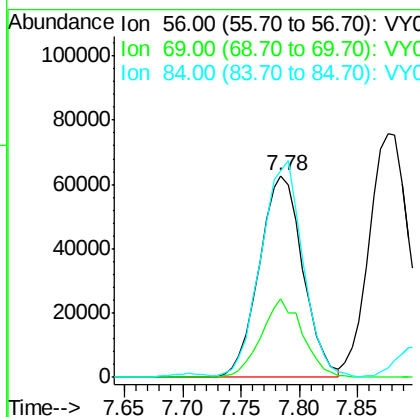
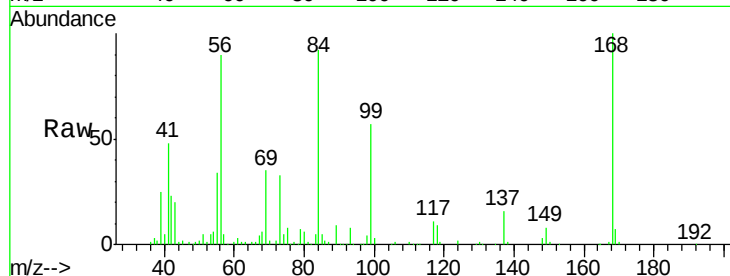
#31
Cyclohexane
Concen: 48.065 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	31.1	46.7
84	100.6	80.5	120.7

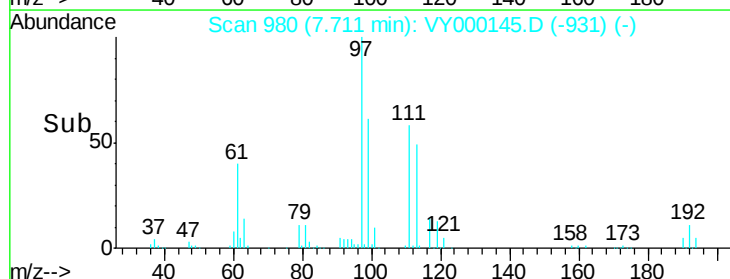
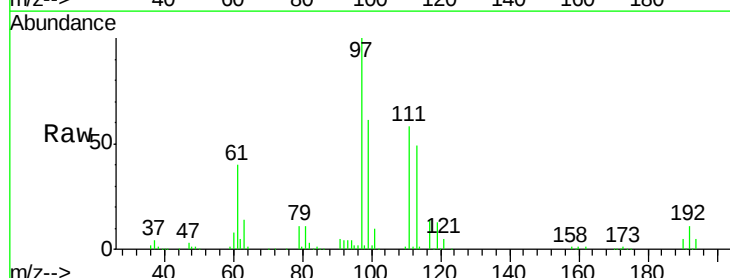
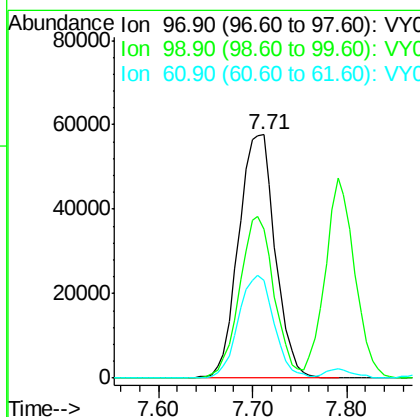
Manual Integrations
APPROVED

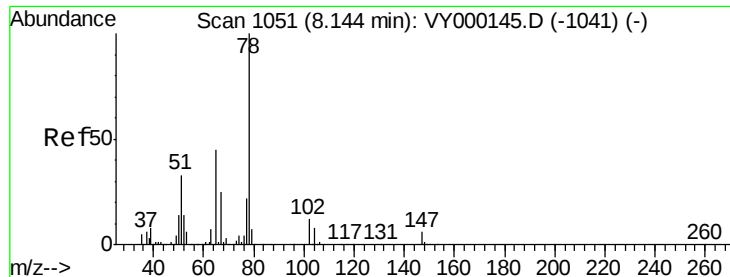
MMDadoda
10/2/2019 9:12:56 AM



#32
1,1,1-Trichloroethane
Concen: 52.213 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.5	75.7
61	41.1	32.9	49.3





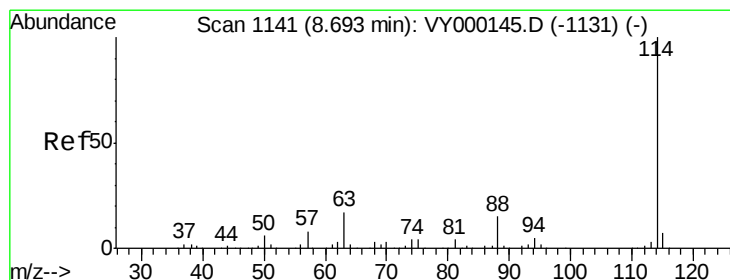
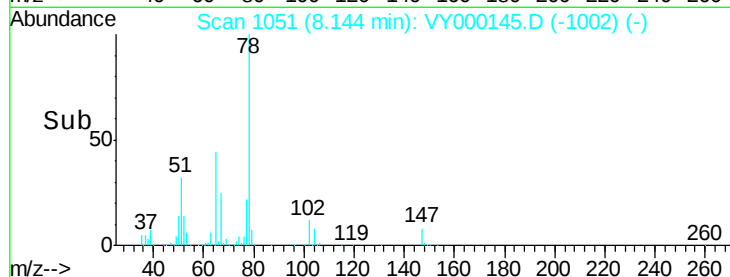
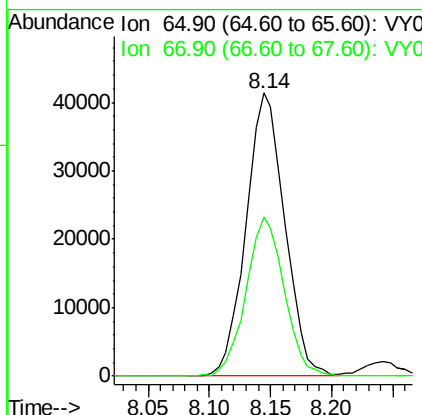
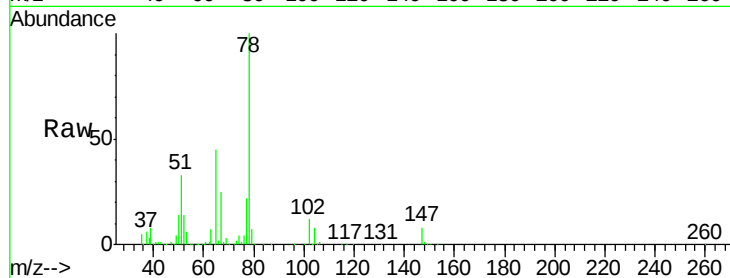
#33
 1,2-Dichloroethane-d4
 Concen: 52.134 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.6

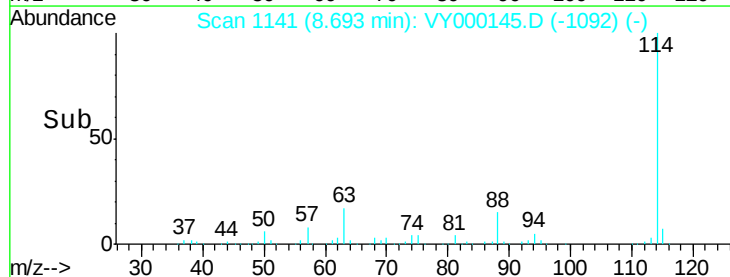
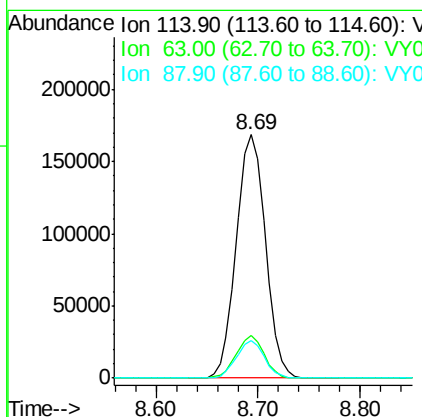
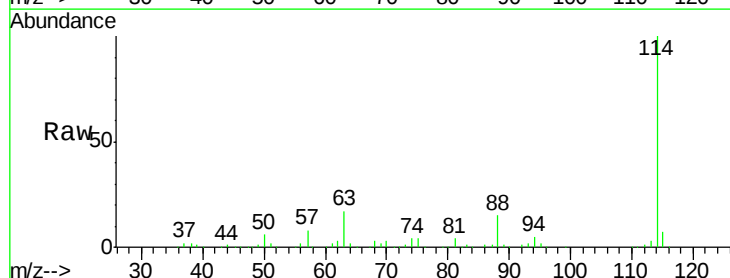
Manual Integrations
 APPROVED

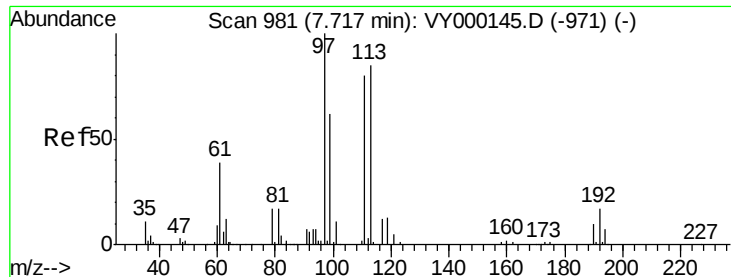
MMDadoda
 10/2/2019 9:12:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.6
88	15.3	0.0	30.6





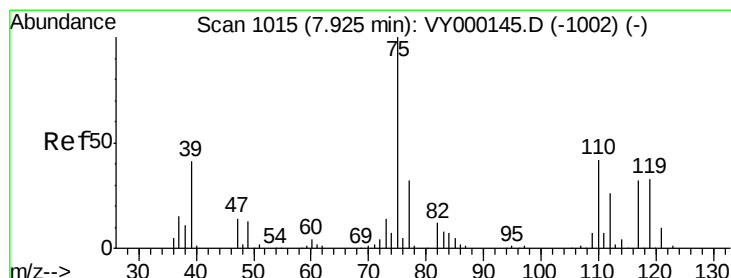
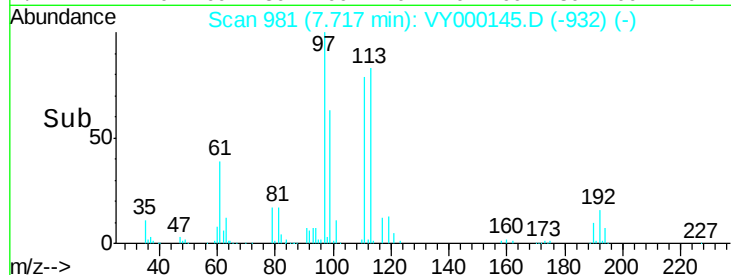
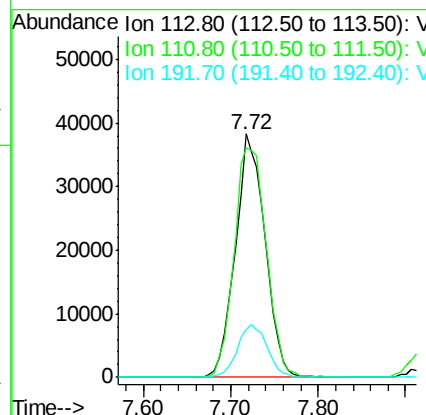
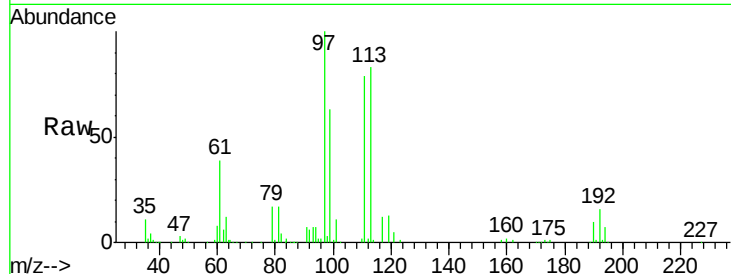
#35
 Dibromofluoromethane
 Concen: 51.582 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	21.6	17.3	25.9

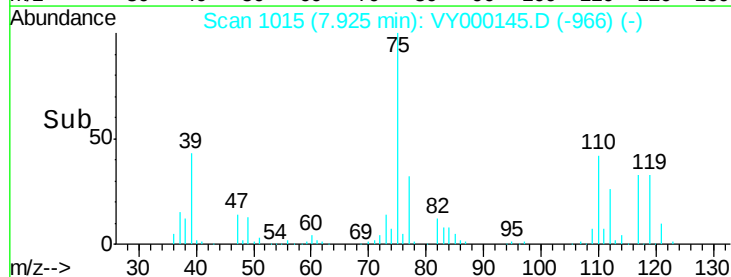
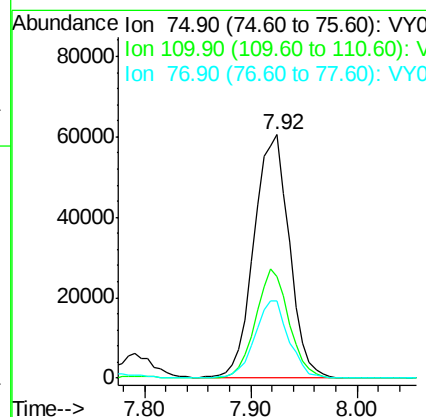
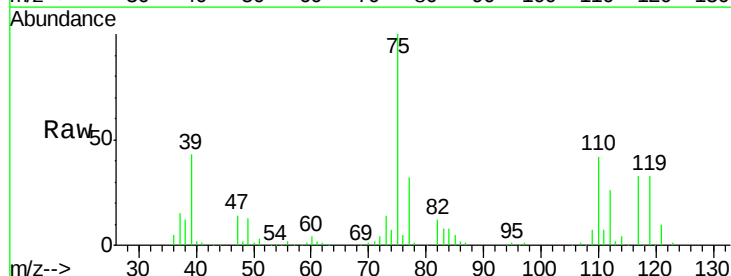
Manual Integrations
 APPROVED

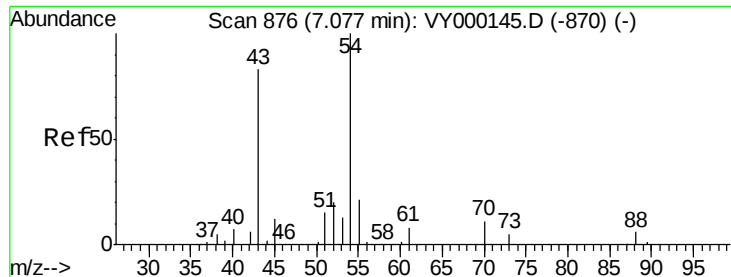
MMDadoda
 10/2/2019 9:12:56 AM



#36
 1,1-Dichloropropene
 Concen: 50.841 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.1	21.1	63.1
77	30.7	24.6	36.8





#37

Ethyl Acetate

Concen: 48.692 ug/l

RT: 7.08 min Scan# 876

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

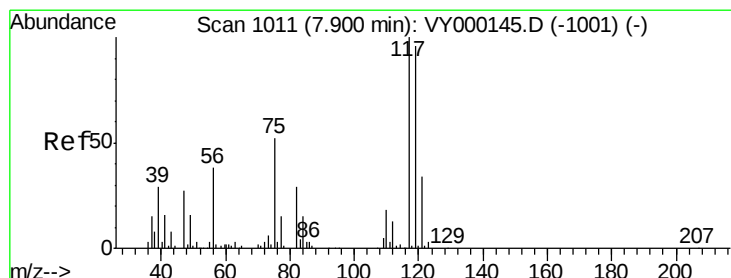
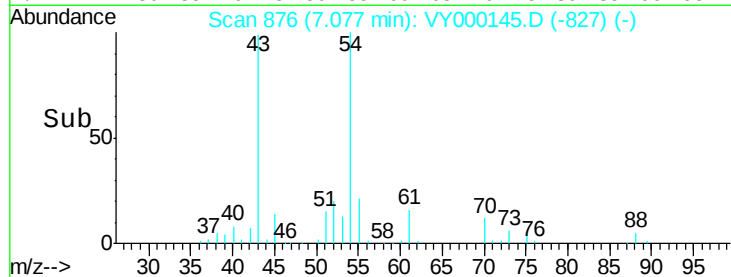
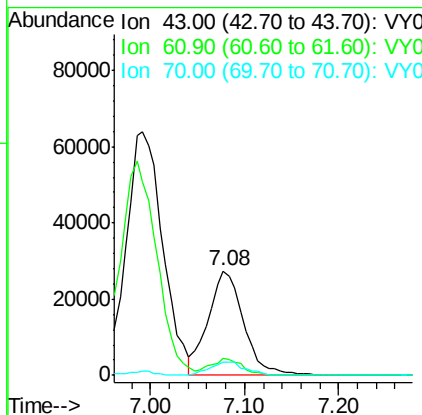
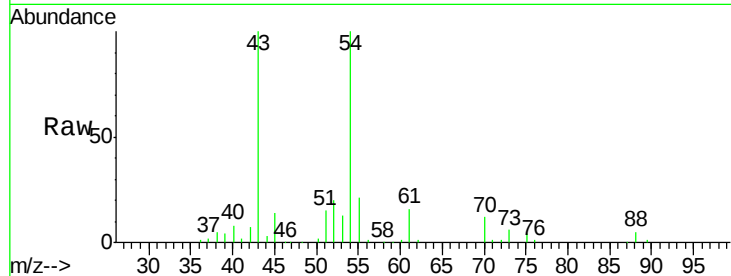
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	71457
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	12.7	10.2	15.2

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



#38

Carbon Tetrachloride

Concen: 51.769 ug/l

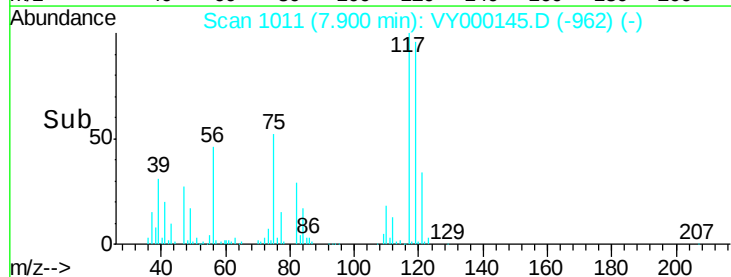
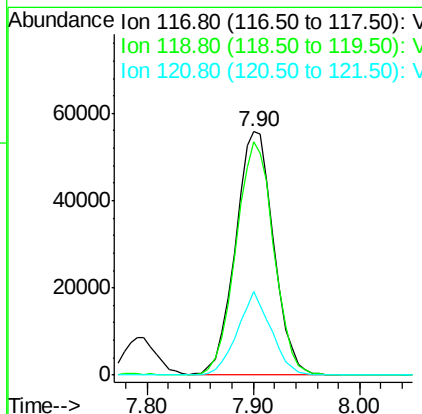
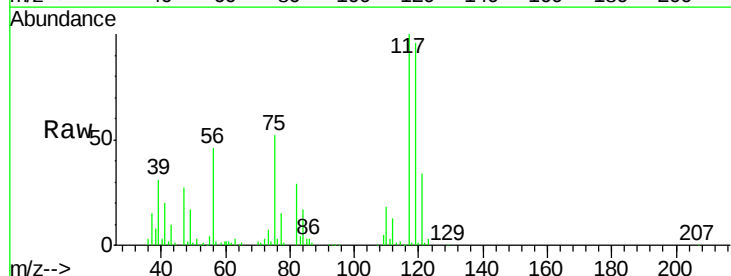
RT: 7.90 min Scan# 1011

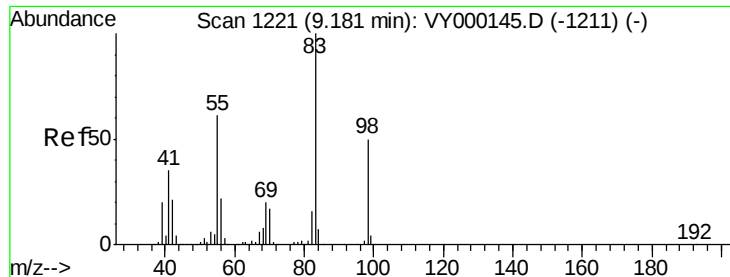
Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Tgt Ion:	117	Resp:	140401
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	34.2	27.4	41.0





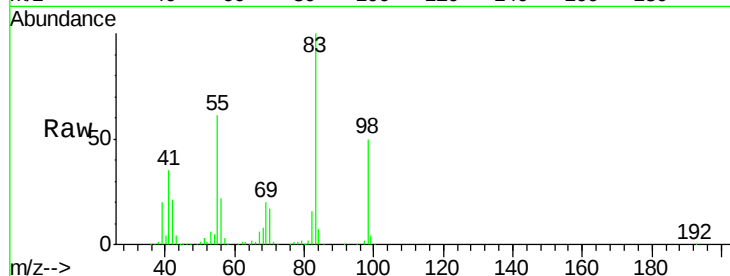
#39
Methvlcvclohexane
Concen: 51.243 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

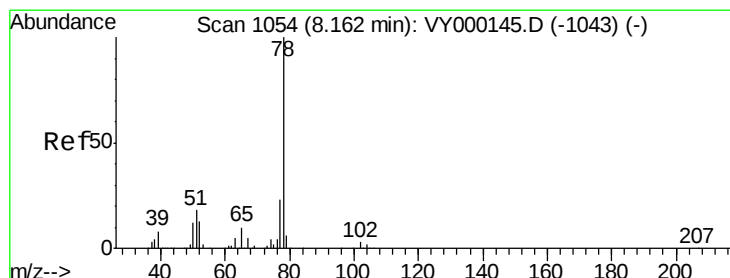
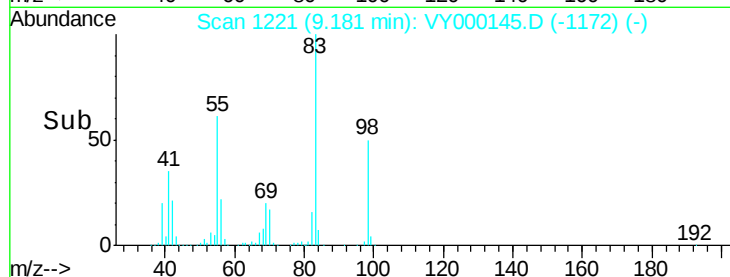
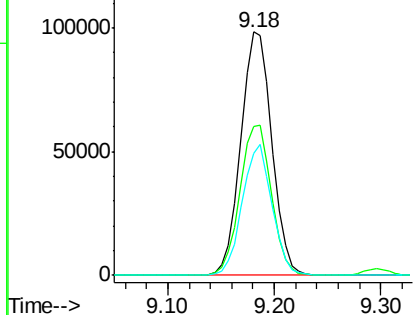
Tot Ion	Ratio	Resp	Lower	Upper
83	100	201916		
55	61.4		49.1	73.7
98	50.0		40.0	60.0

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM

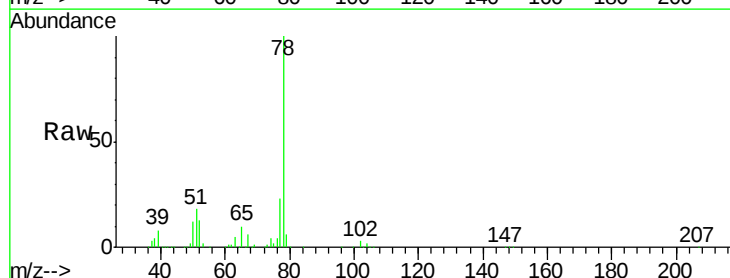


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

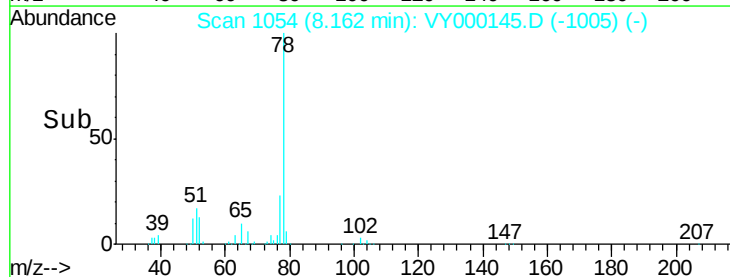
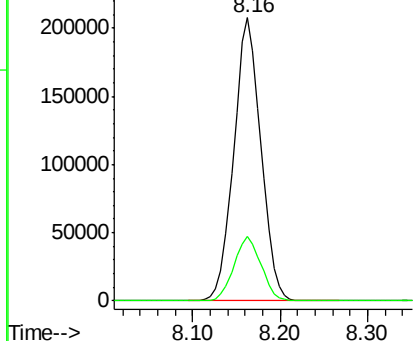


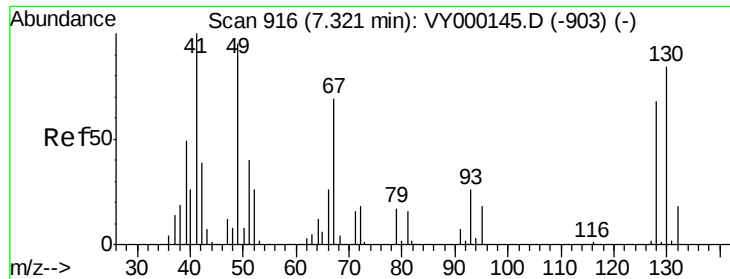
#40
Benzene
Concen: 50.909 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	446760		
77	22.8		18.2	27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





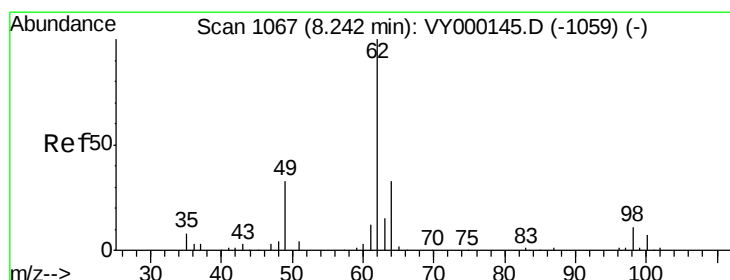
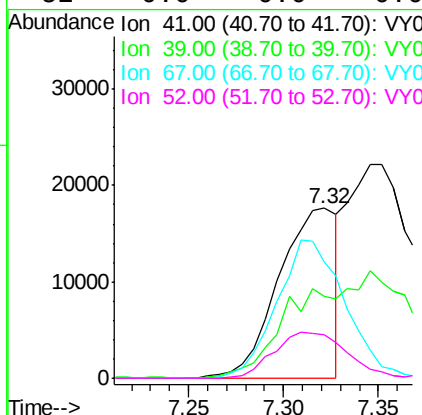
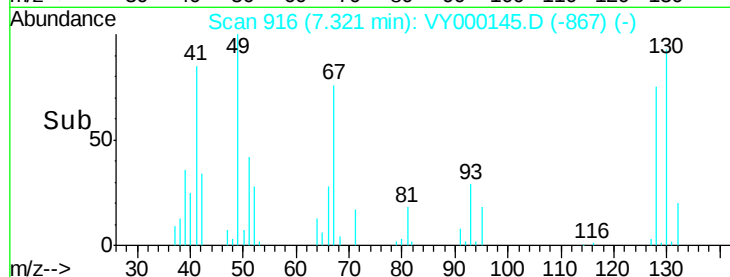
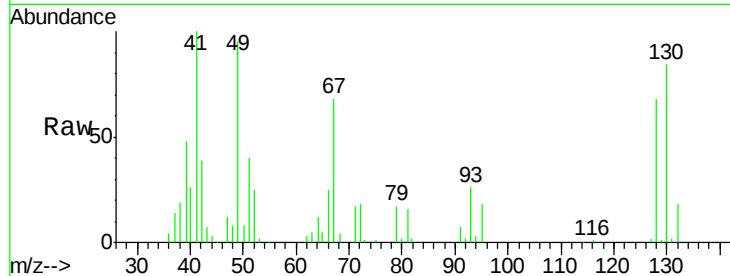
#41
Methacrylonitrile
Concen: 47.318 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	37652
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

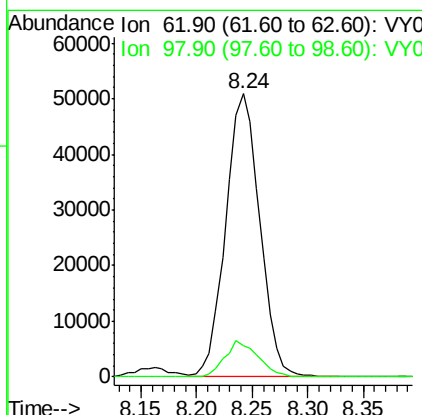
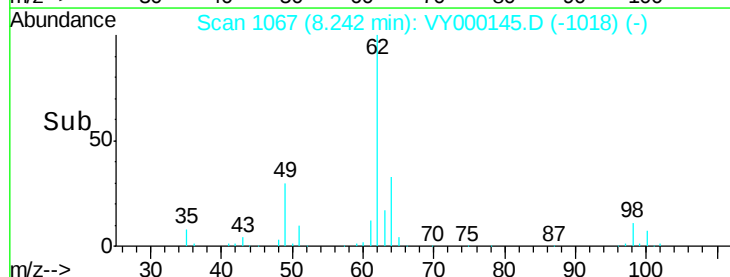
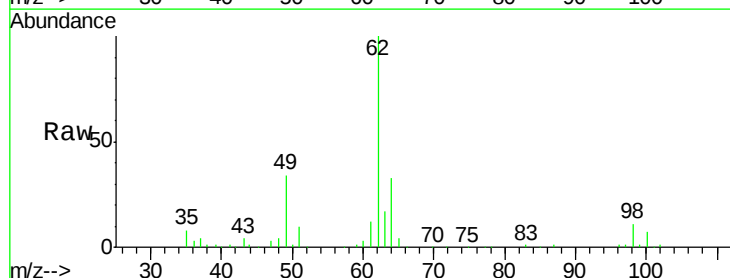
Manual Integrations
APPROVED

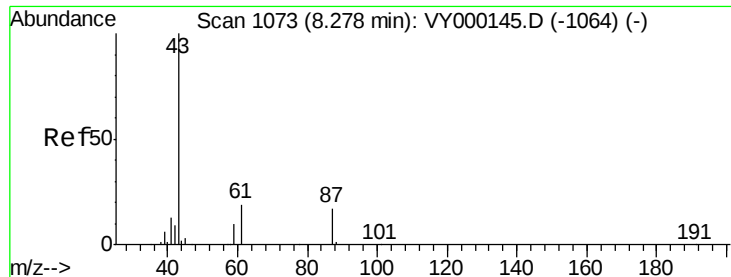
MMDadoda
10/2/2019 9:12:56 AM



#42
1,2-Dichloroethane
Concen: 50.585 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	62	Resp	108009
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	24.8





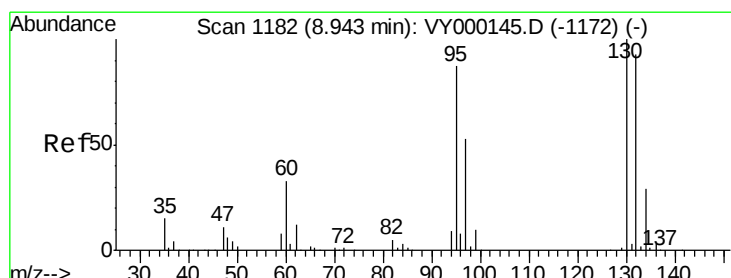
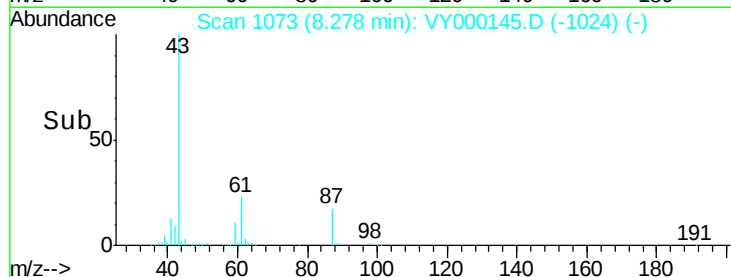
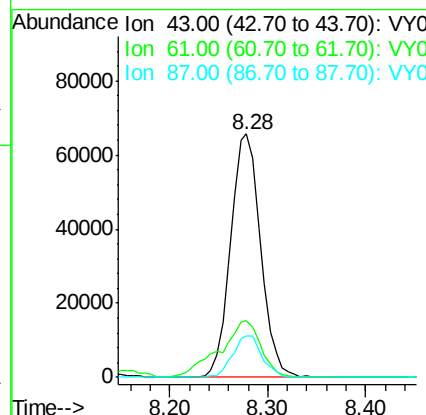
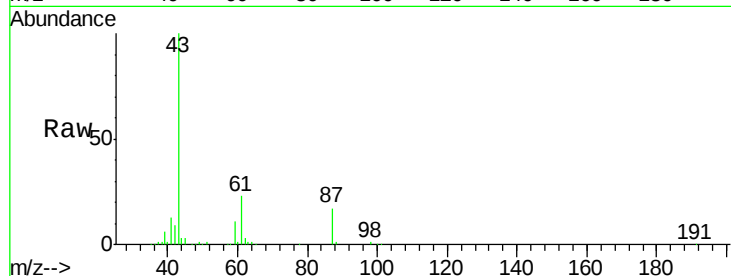
#43
Isopropyl Acetate
Concen: 51.457 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.6	38.4
87	16.9	13.5	20.3

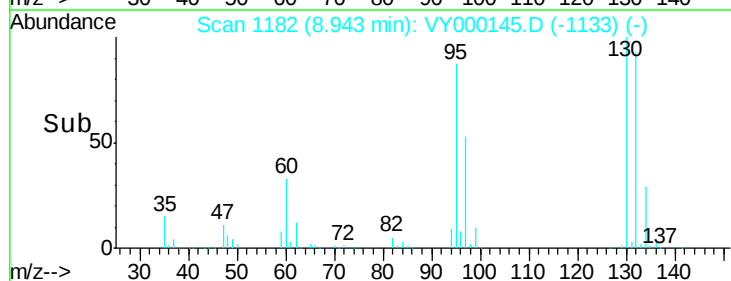
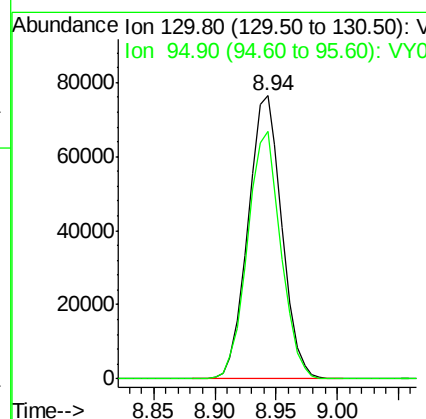
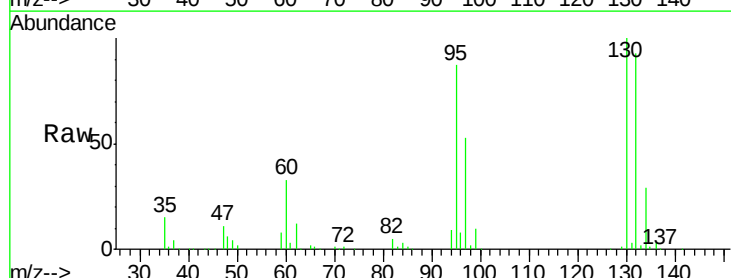
Manual Integrations
APPROVED

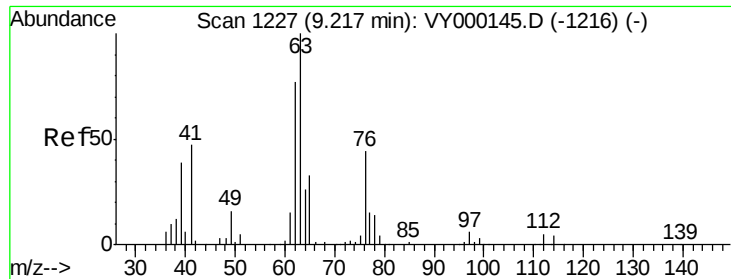
MMDadoda
10/2/2019 9:12:56 AM



#44
Trichloroethene
Concen: 52.370 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	174.8





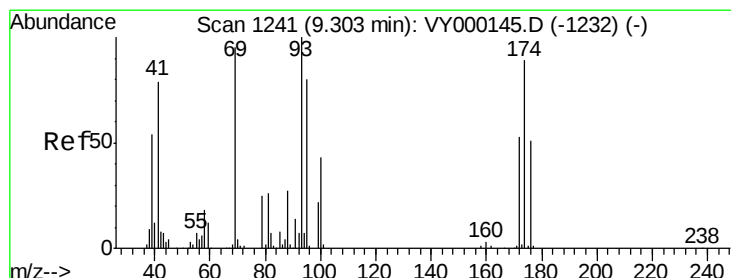
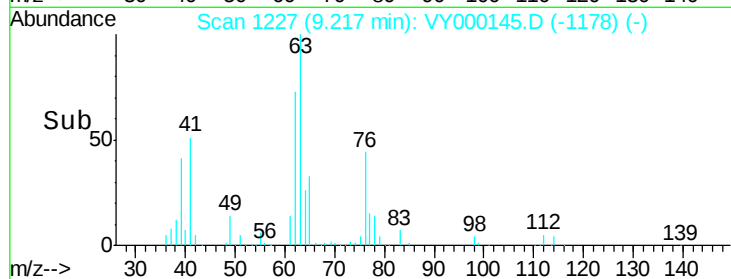
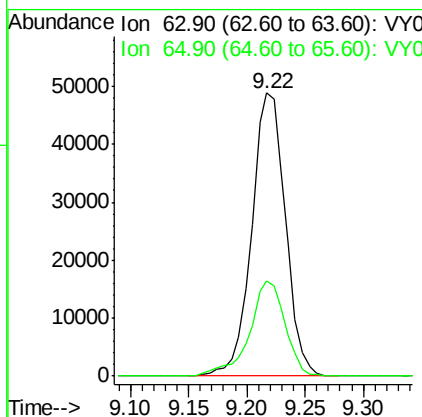
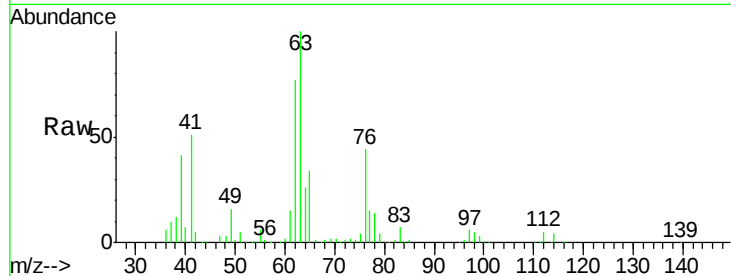
#45
 1,2-Dichloropropane
 Concen: 50.914 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	63	Resp	98564
Ion Ratio	100	Lower	Upper
63	100		
65	33.5	26.8	40.2

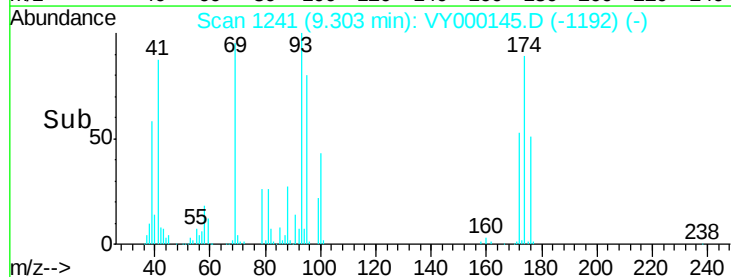
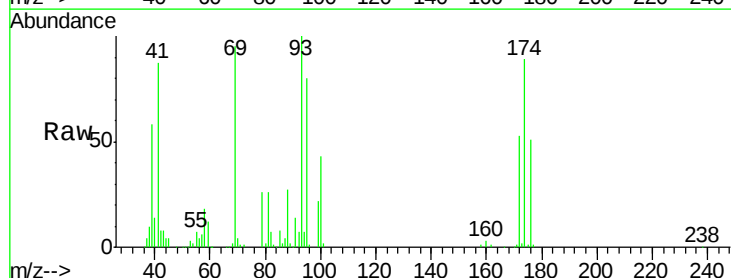
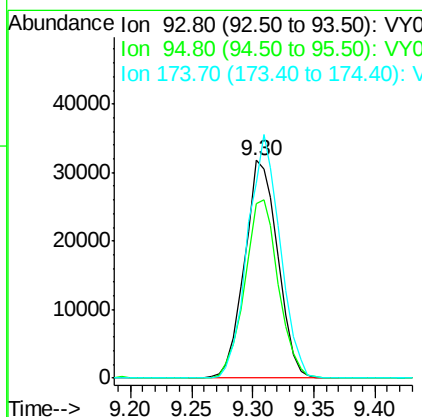
Manual Integrations
 APPROVED

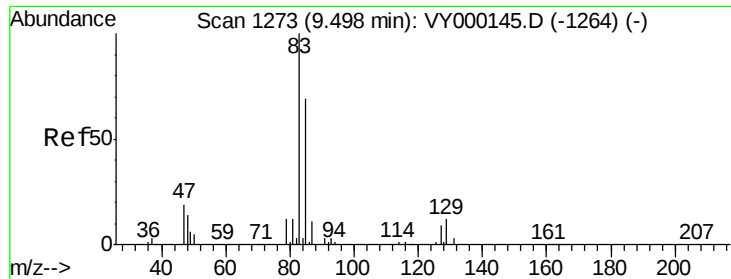
MMDadoda
 10/2/2019 9:12:56 AM



#46
 Dibromomethane
 Concen: 50.862 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	93	Resp	60091
Ion Ratio	100	Lower	Upper
93	100		
95	82.9	66.3	99.5
174	109.1	87.3	130.9





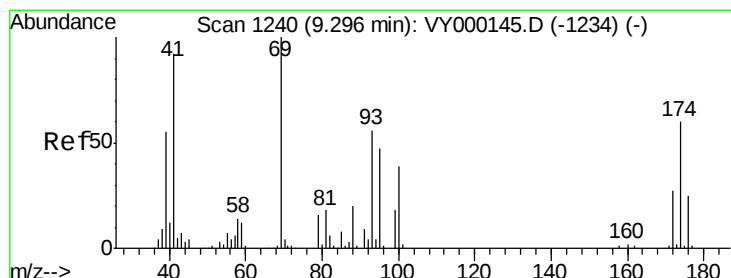
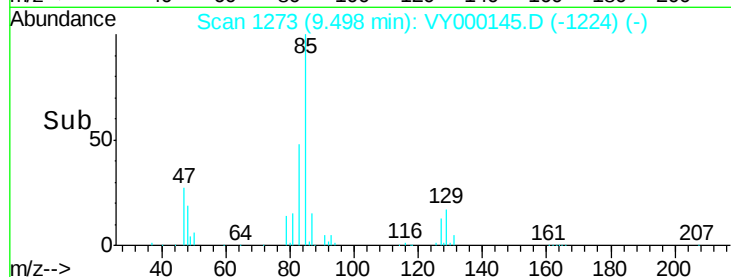
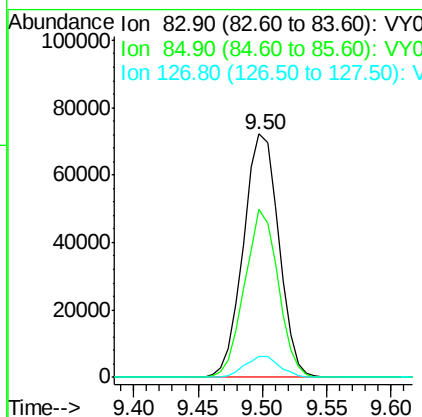
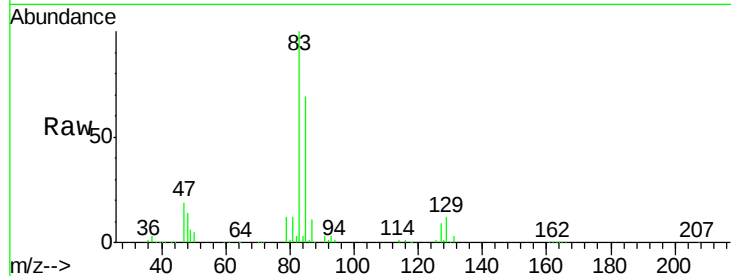
#47
 Bromodichloromethane
 Concen: 51.534 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	83	Resp	137237
Ion Ratio	100	Lower	Upper
83	100		
85	68.9	55.1	82.7
127	8.6	6.9	10.3

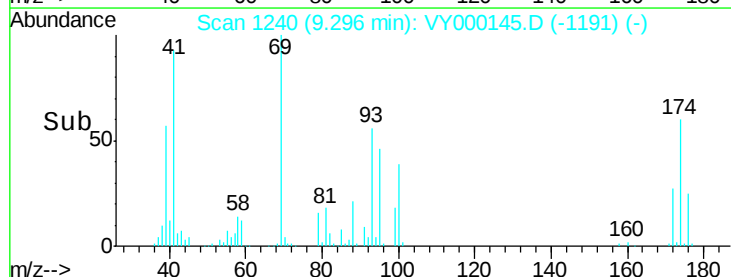
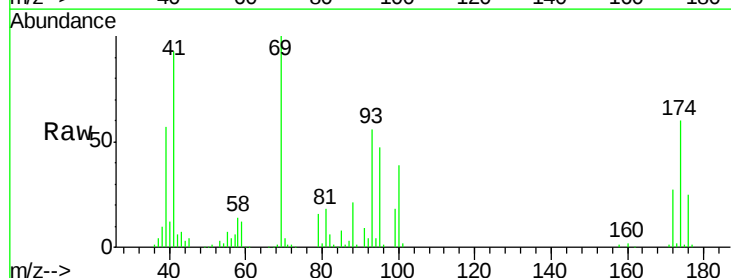
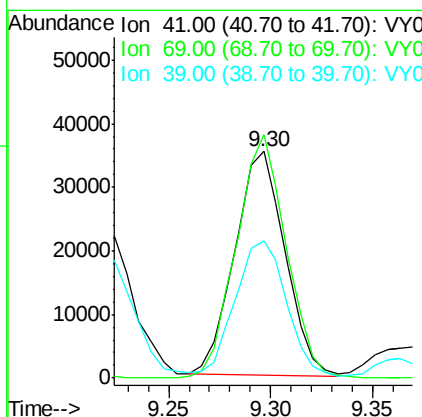
Manual Integrations
 APPROVED

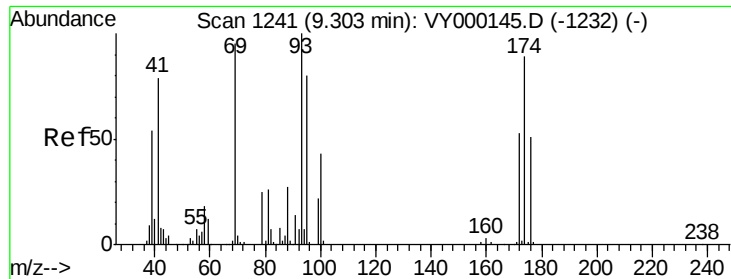
MMDadoda
 10/2/2019 9:12:56 AM



#48
 Methyl methacrylate
 Concen: 49.530 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	41	Resp	60125
Ion Ratio	100	Lower	Upper
41	100		
69	108.1	86.5	129.7
39	63.8	51.0	76.6





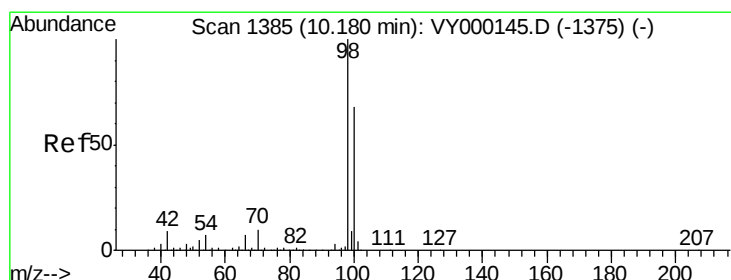
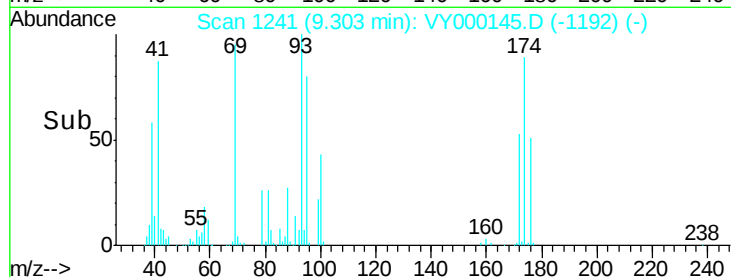
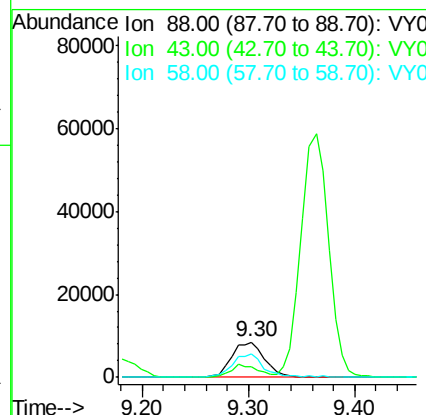
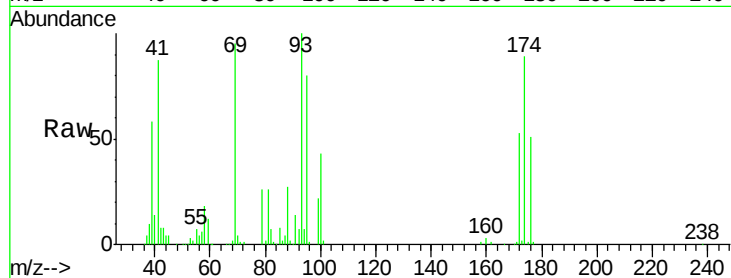
#49
 1,4-Dioxane
 Concen: 1023.566 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	88	Resp	18683
Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.4	36.6
58	61.5	49.2	73.8

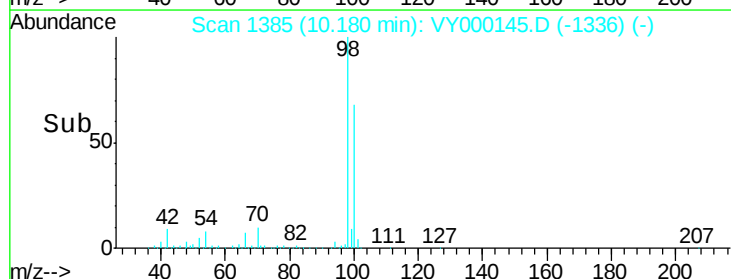
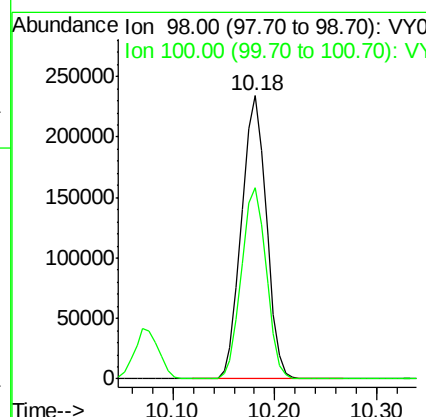
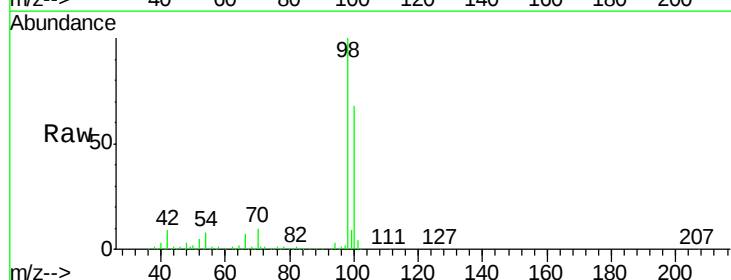
Manual Integrations
 APPROVED

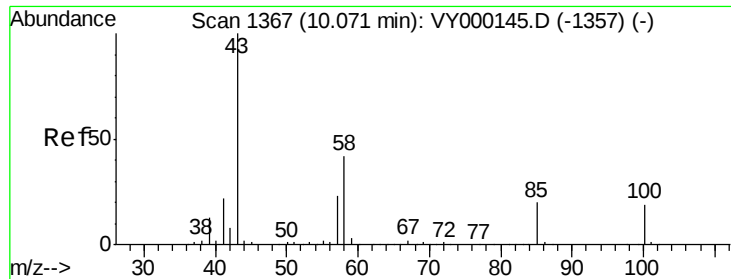
MMDadoda
 10/2/2019 9:12:56 AM



#50
 Toluene-d8
 Concen: 53.238 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	98	Resp	394404
Ion	Ratio	Lower	Upper
98	100		
100	67.7	54.2	81.2





#51

4-Methyl-2-Pentanone

Concen: 255.891 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 360055

Ion Ratio Lower Upper

43 100

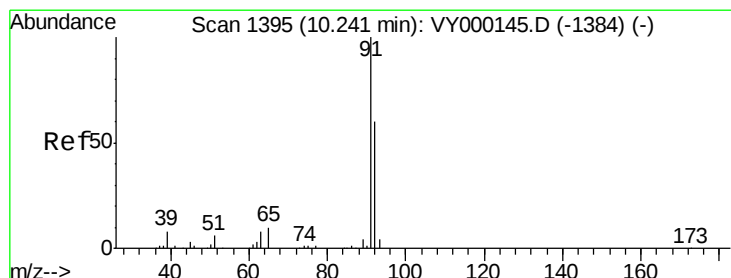
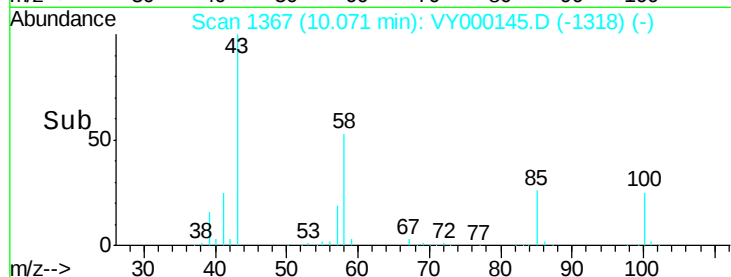
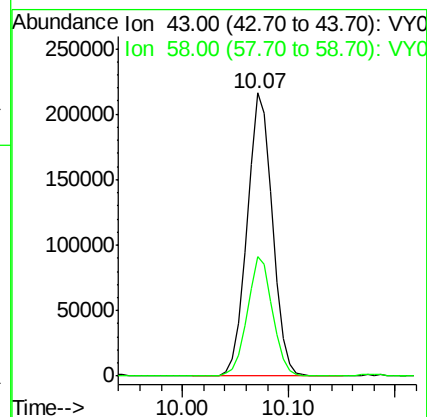
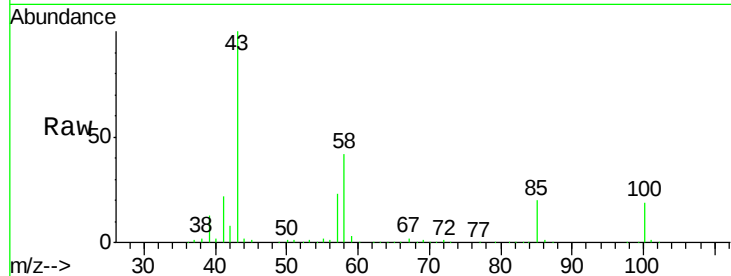
58 42.0 33.6 50.4

Manual Integrations

APPROVED

MMDadoda

10/2/2019 9:12:56 AM



#52

Toluene

Concen: 50.898 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000145.D

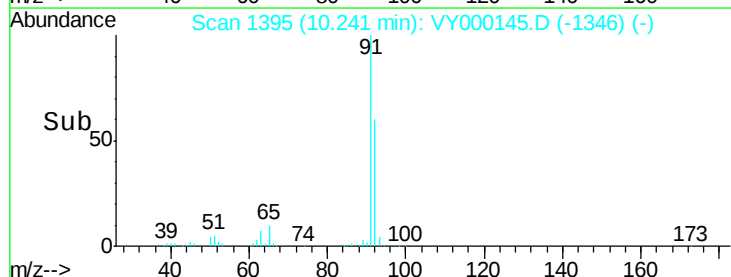
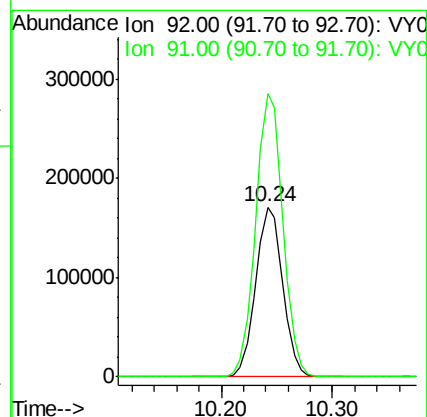
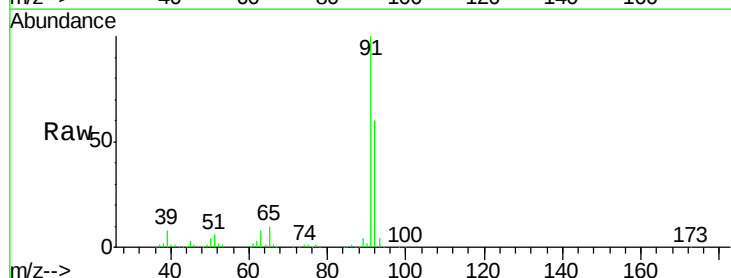
Acq: 26 Sep 2019 11:34

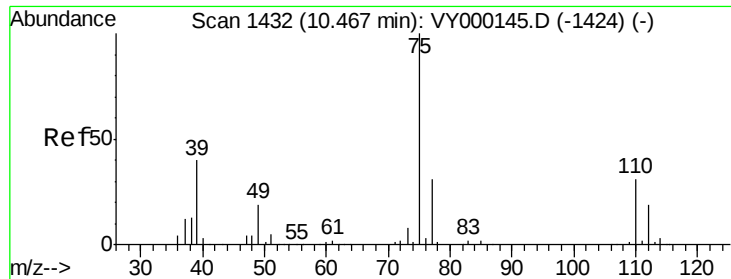
Tgt Ion: 92 Resp: 289269

Ion Ratio Lower Upper

92 100

91 168.2 134.6 201.8





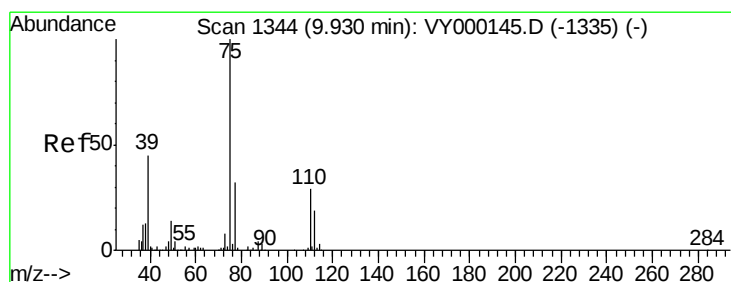
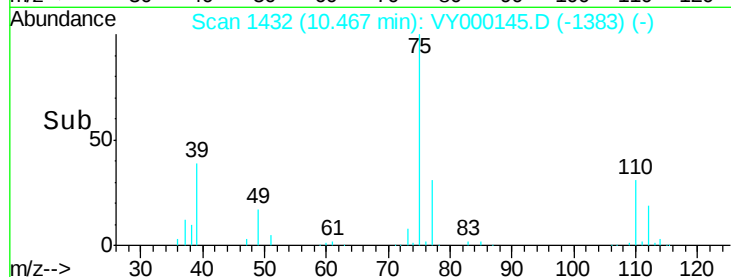
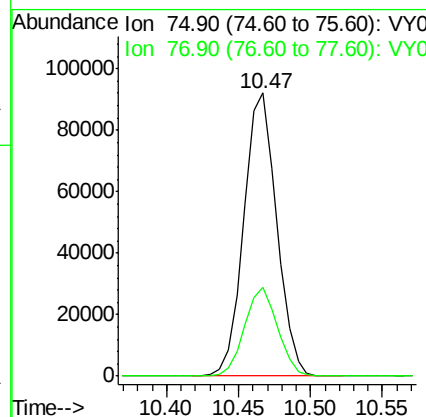
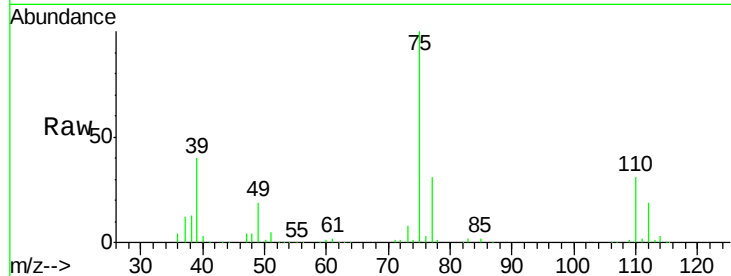
#53
t-1,3-Dichloropropene
Concen: 52.045 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4

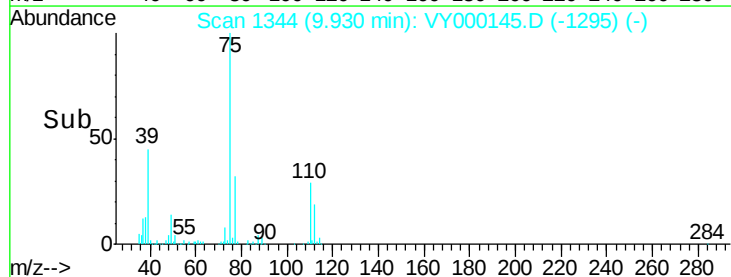
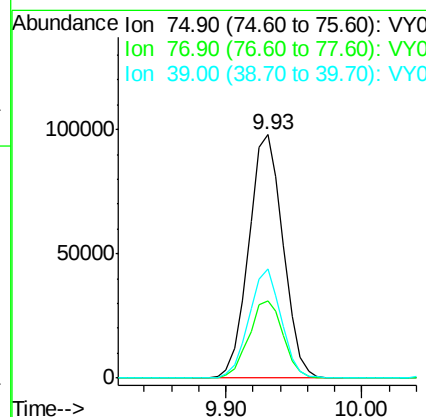
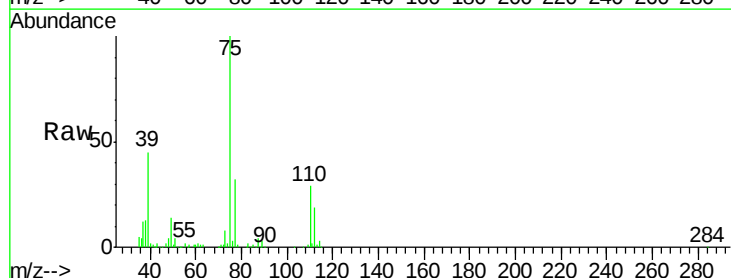
Manual Integrations
APPROVED

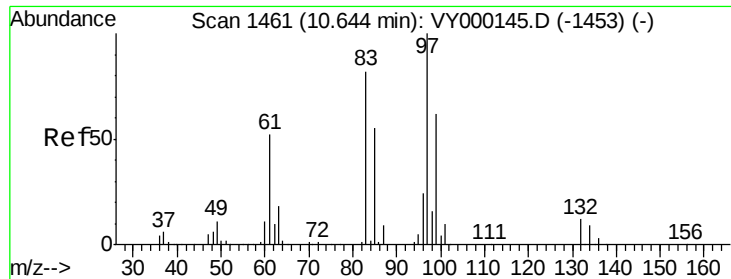
MMDadoda
10/2/2019 9:12:56 AM



#54
cis-1,3-Dichloropropene
Concen: 52.064 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	44.7	35.8	53.6





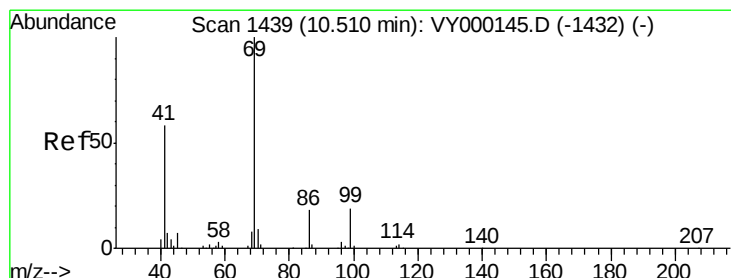
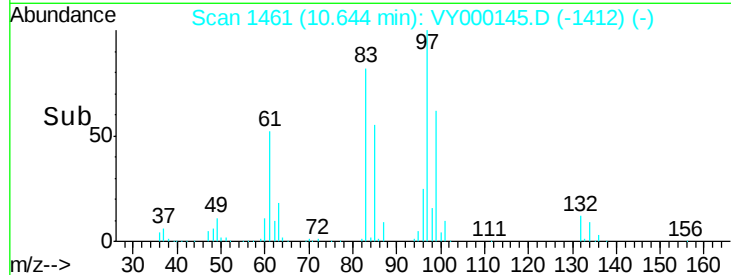
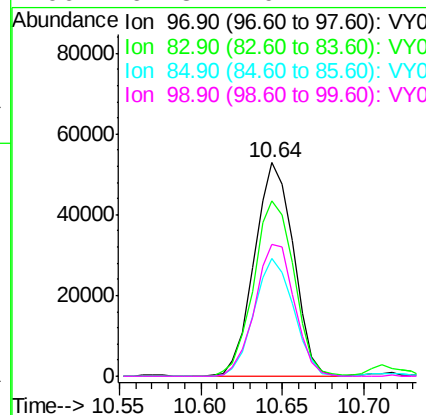
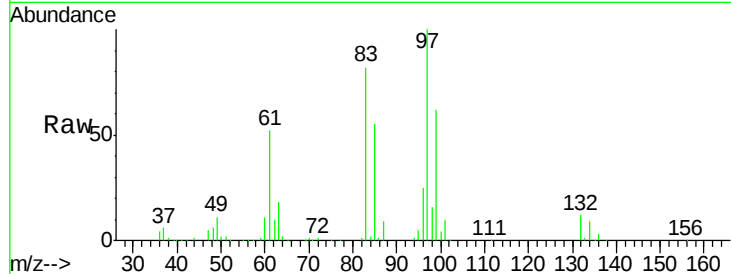
#55
 1,1,2-Trichloroethane
 Concen: 50.295 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		88354		
83	82.1	65.7	98.5		
85	55.1	44.1	66.1		
99	61.8	49.4	74.2		

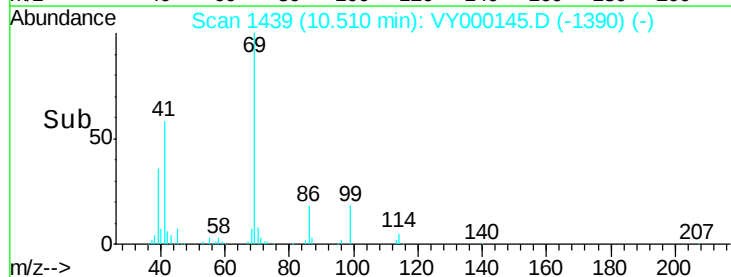
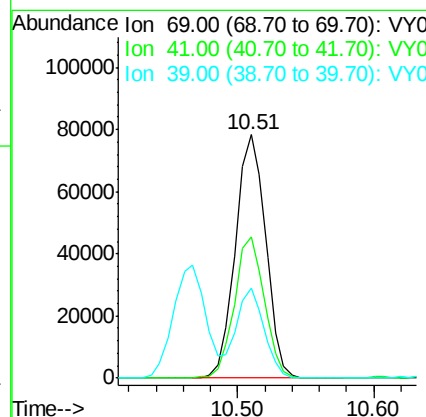
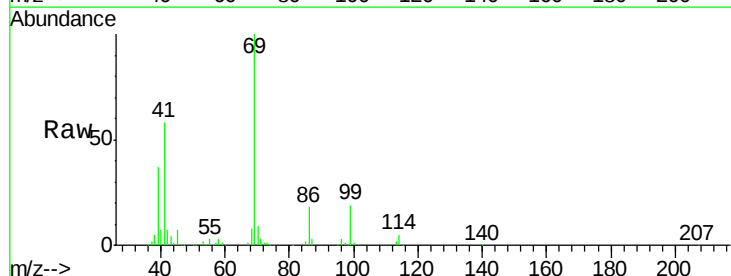
Manual Integrations
 APPROVED

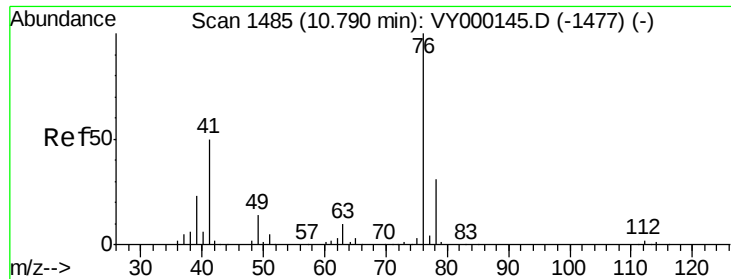
MMDadoda
 10/2/2019 9:12:56 AM



#56
 Ethyl methacrylate
 Concen: 53.088 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		121312		
41	57.3	45.8	68.8		
39	34.8	27.8	41.8		





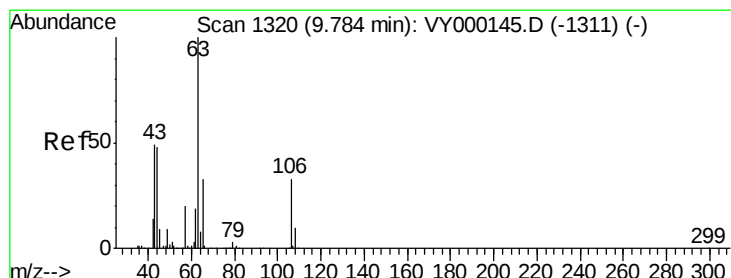
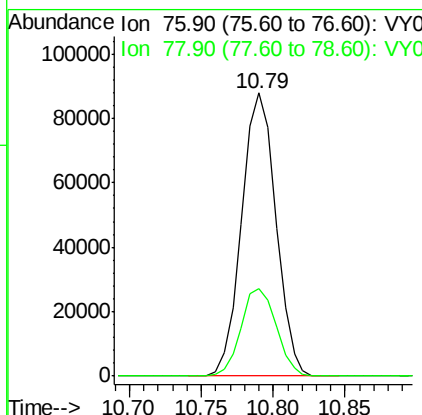
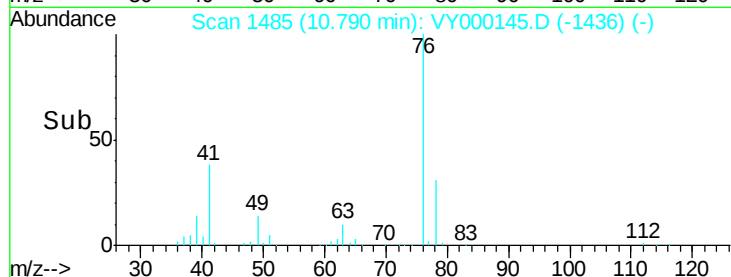
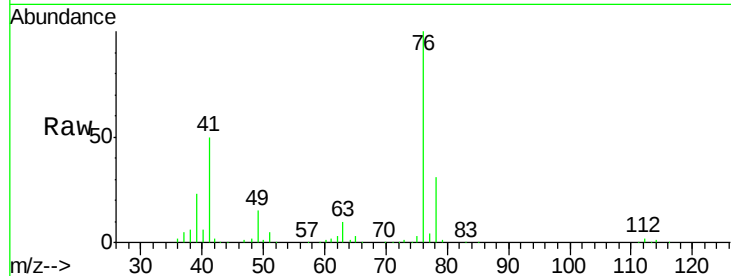
#57
 1,3-Dichloropropane
 Concen: 51.271 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 144735
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0

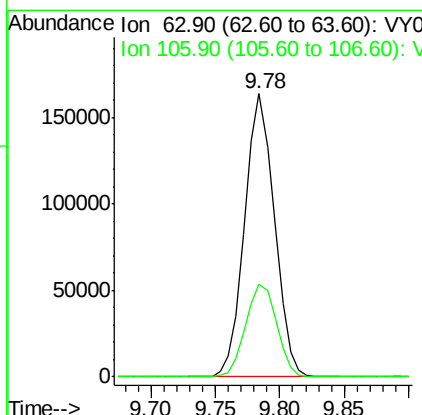
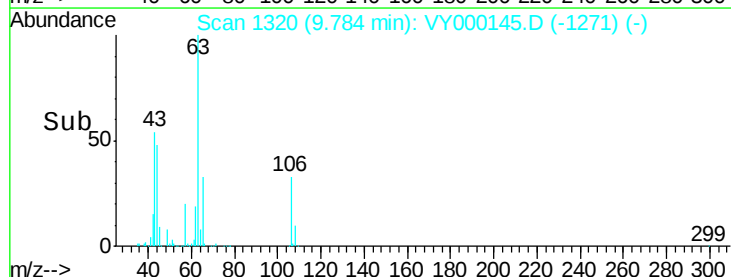
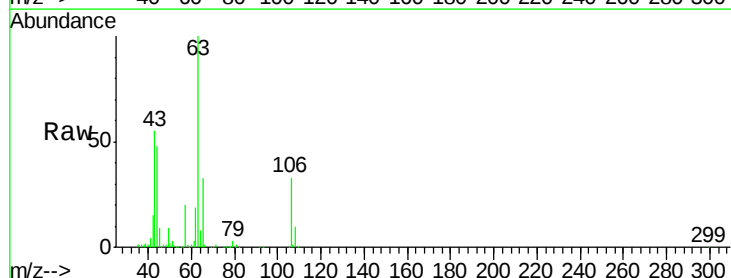
Manual Integrations
 APPROVED

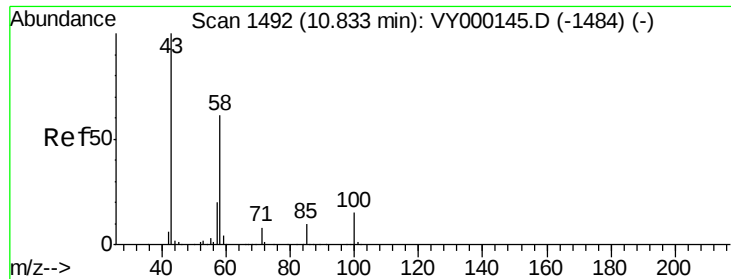
MMDadoda
 10/2/2019 9:12:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.244 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion: 63 Resp: 262146
 Ion Ratio Lower Upper
 63 100
 106 33.8 27.0 40.6





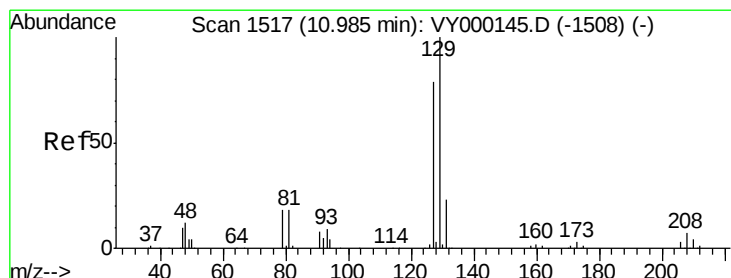
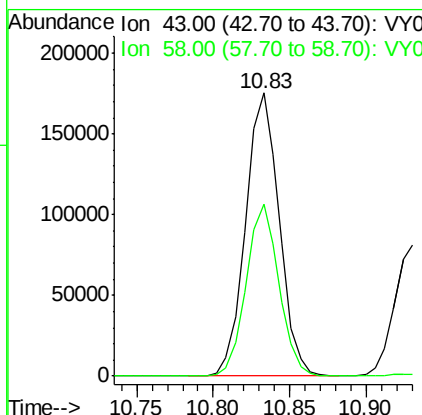
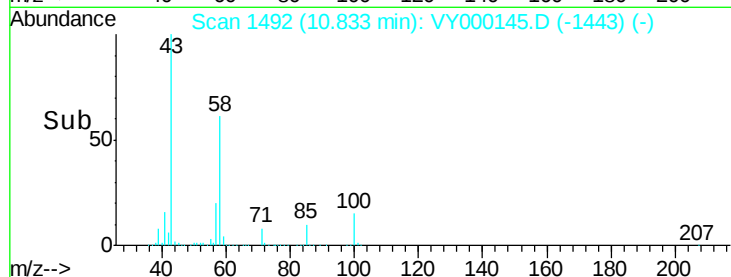
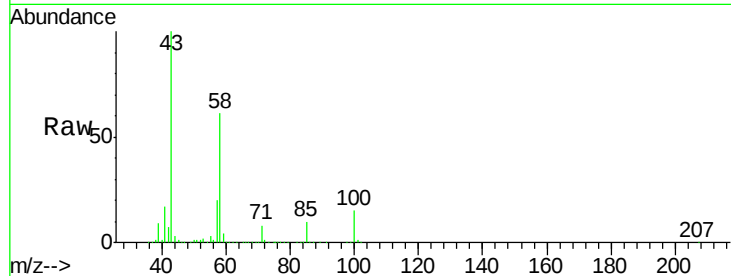
#59
2-Hexanone
Concen: 268.229 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	268240
Ion Ratio	100	Lower	Upper
43	100		
58	59.0	29.5	88.5

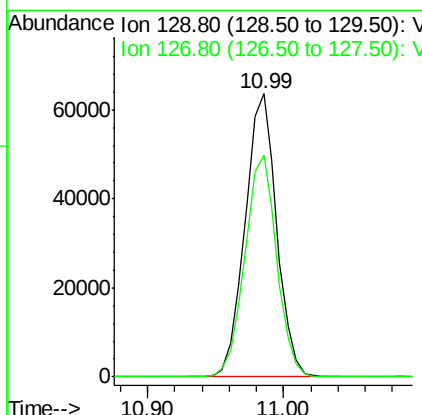
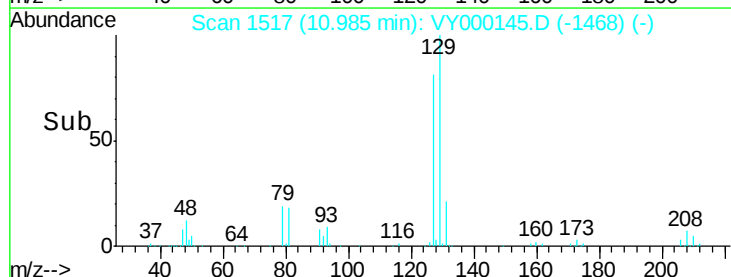
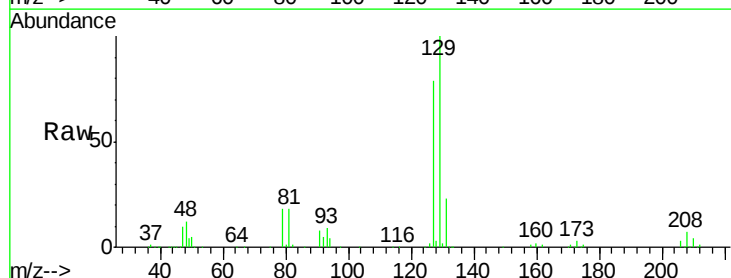
Manual Integrations
APPROVED

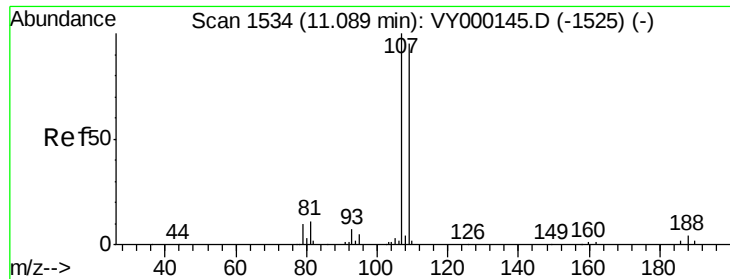
MMDadoda
10/2/2019 9:12:56 AM



#60
Dibromochloromethane
Concen: 52.081 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	129	Resp	103425
Ion Ratio	100	Lower	Upper
129	100		
127	78.7	39.4	118.1





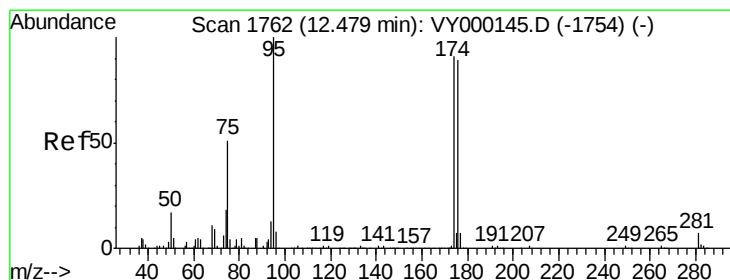
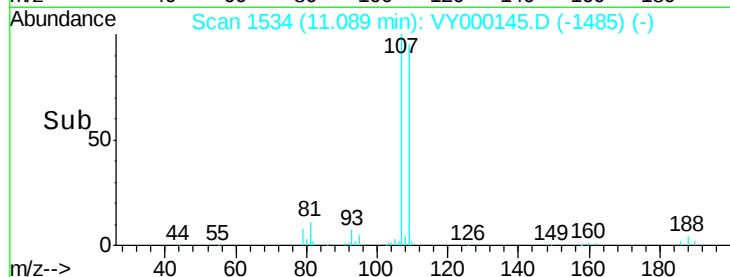
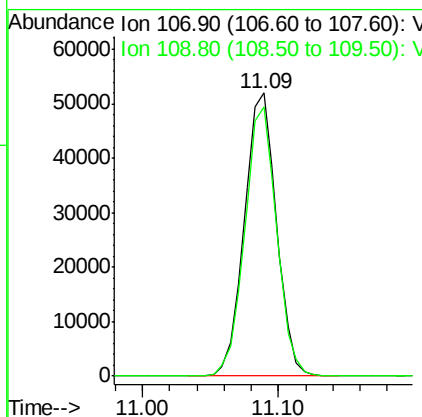
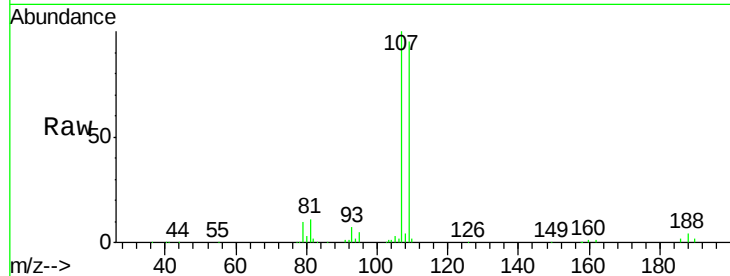
#61
 1,2-Dibromoethane
 Concen: 51.123 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

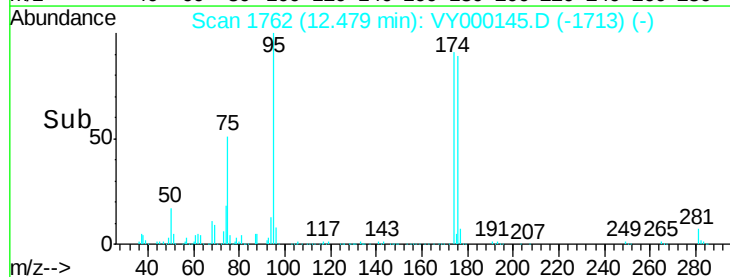
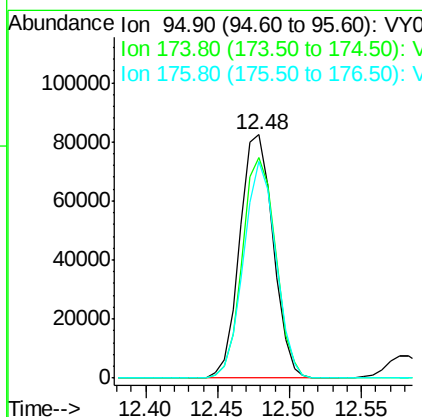
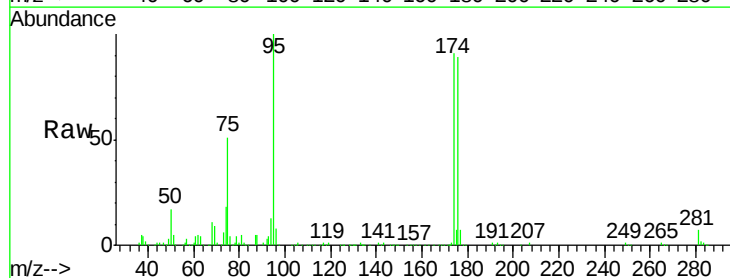
Manual Integrations
 APPROVED

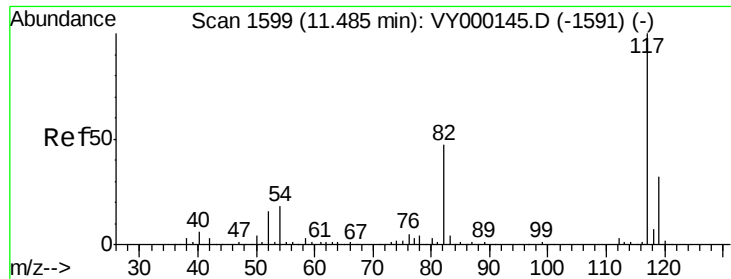
MMDadoda
 10/2/2019 9:12:56 AM



#62
 4-Bromofluorobenzene
 Concen: 49.034 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	180.6
176	85.8	0.0	171.6





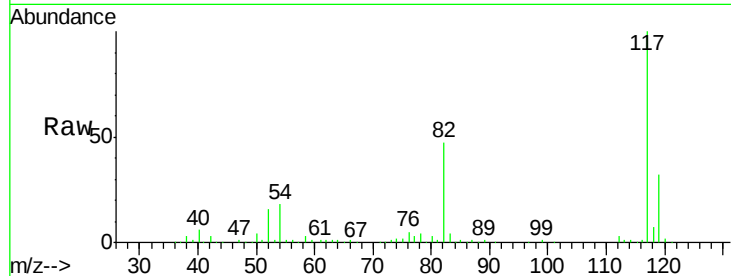
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	296702		
82	47.1		37.7	56.5
119	31.8		25.4	38.2

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM

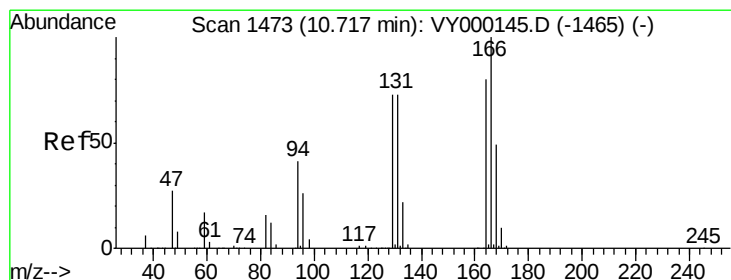
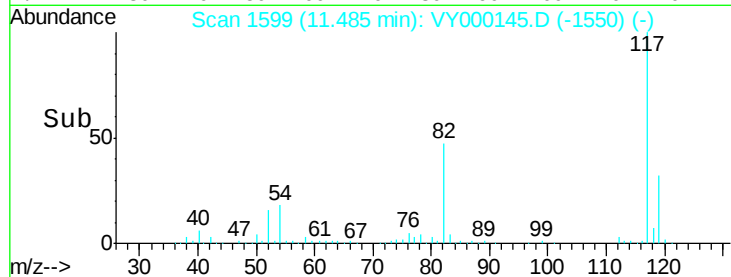
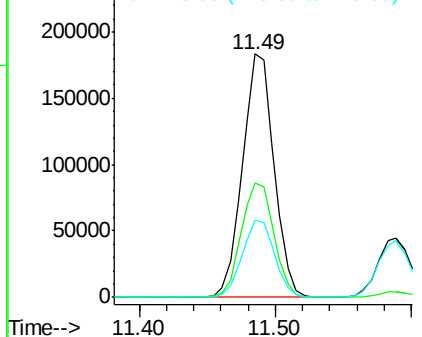


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.843 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152374		
166	124.4		99.5	149.3
129	91.0		72.8	109.2
131	91.3		73.0	109.6

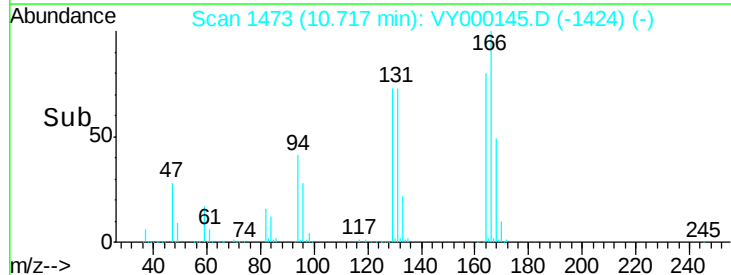
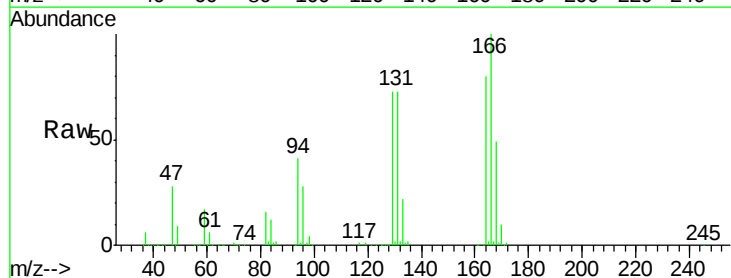
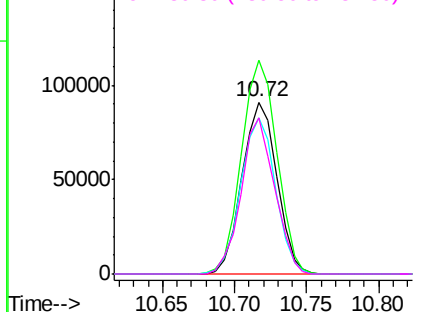
Abundance

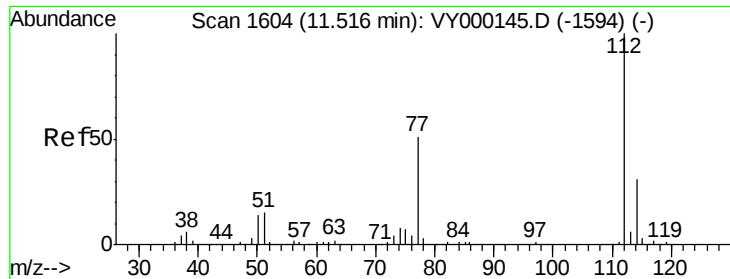
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





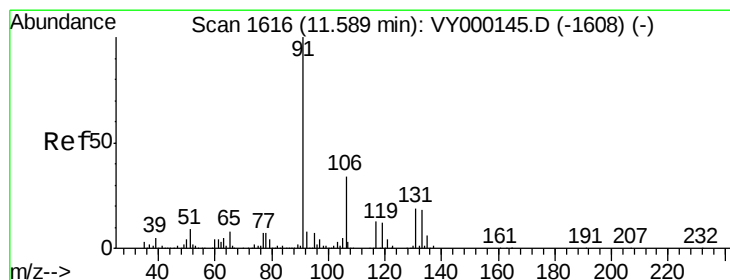
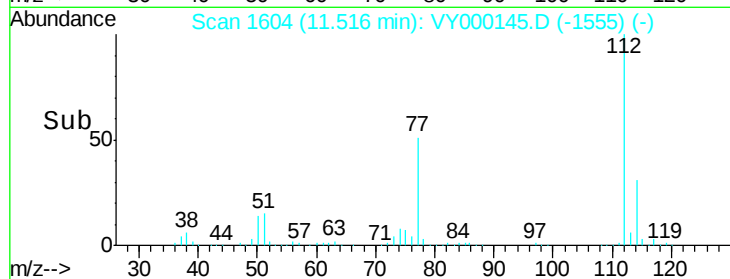
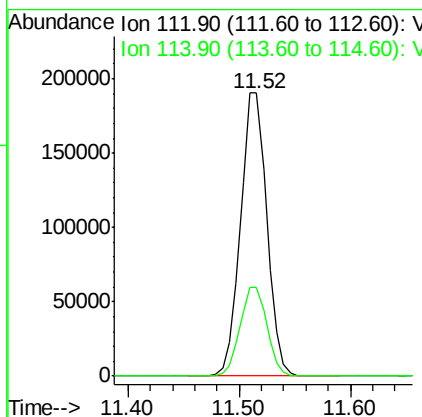
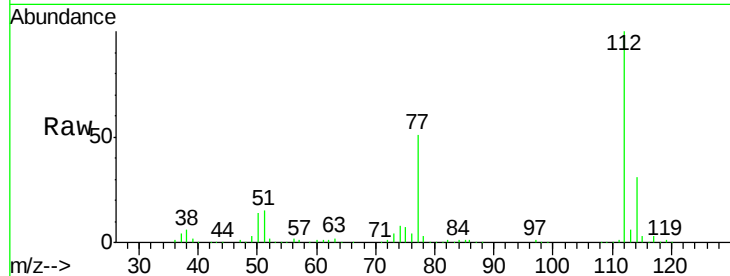
#65
Chlorobenzene
Concen: 50.615 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 312517
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

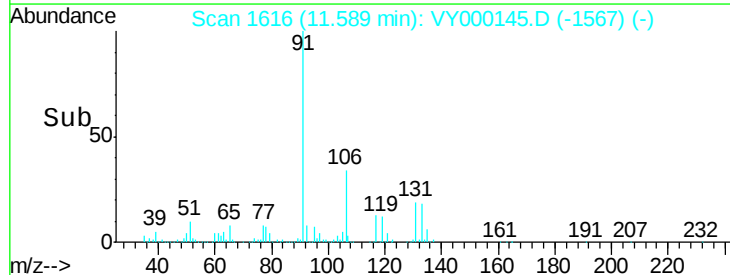
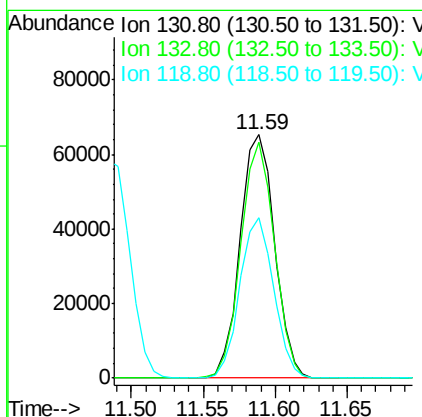
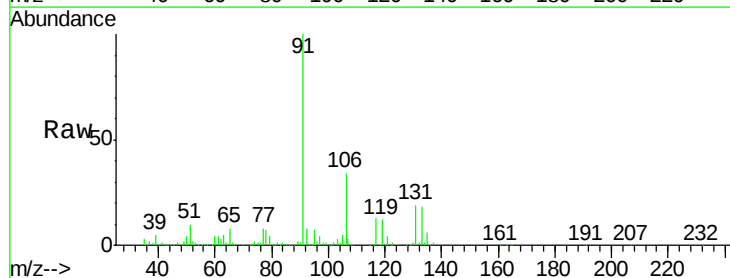
Manual Integrations
APPROVED

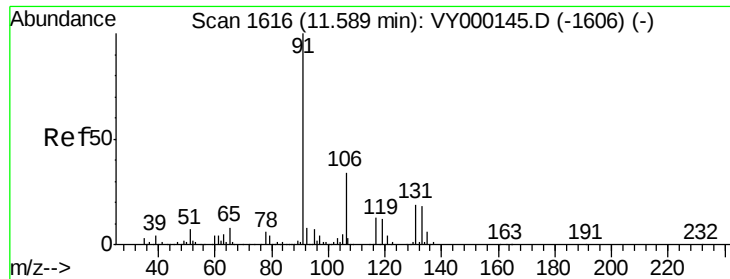
MMDadoda
10/2/2019 9:12:56 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.147 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion:131 Resp: 108801
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 64.6 32.3 96.9





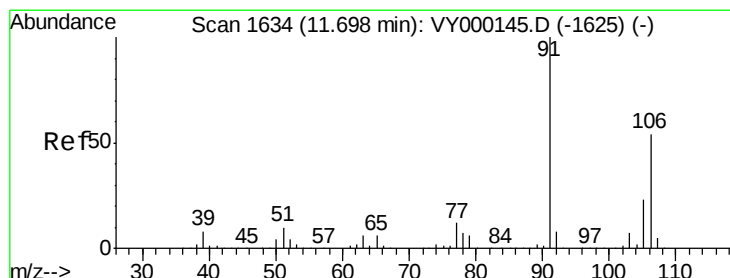
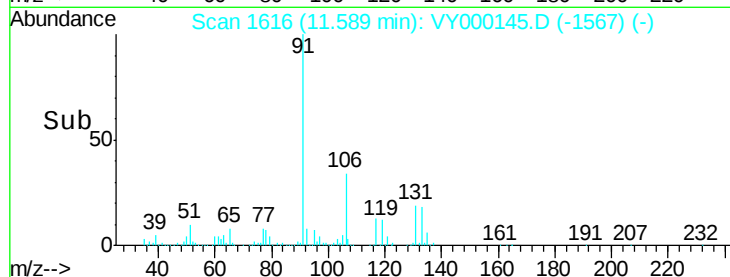
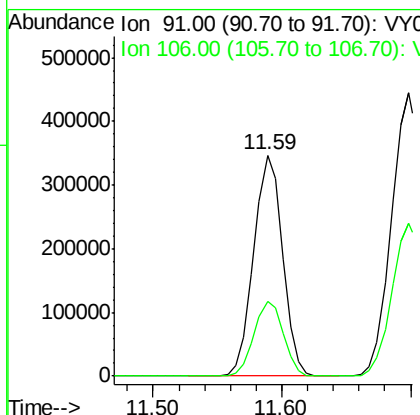
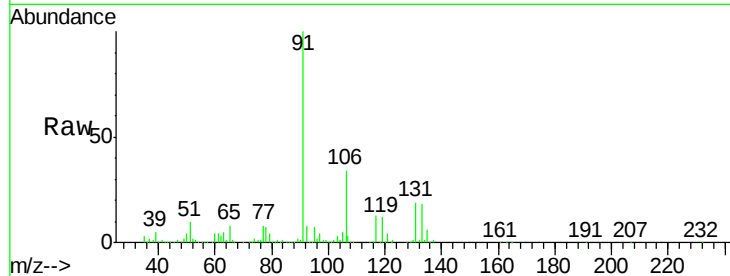
#67
Ethyl Benzene
Concen: 50.709 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 535206
Ion Ratio Lower Upper
91 100
106 34.1 27.3 40.9

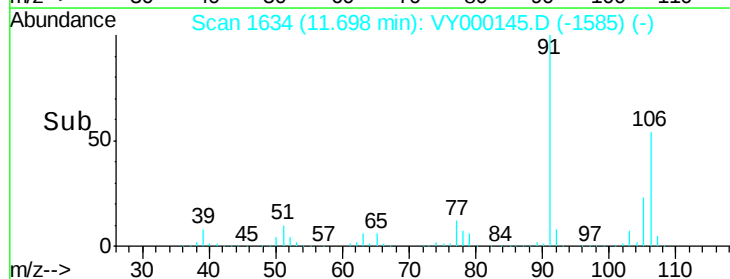
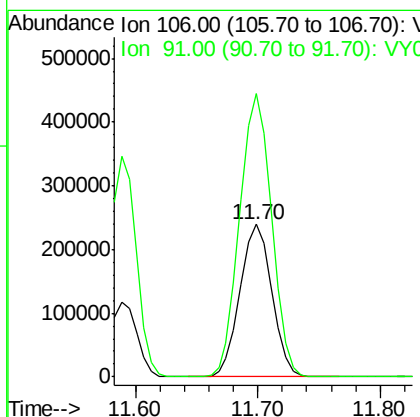
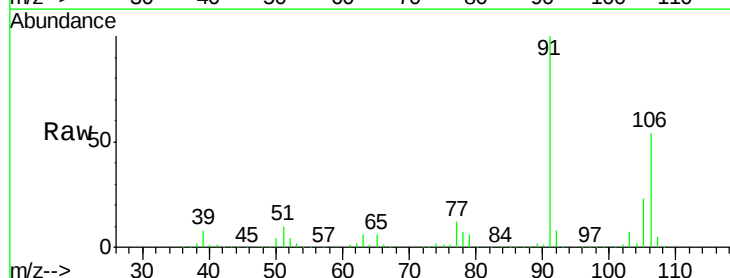
Manual Integrations
APPROVED

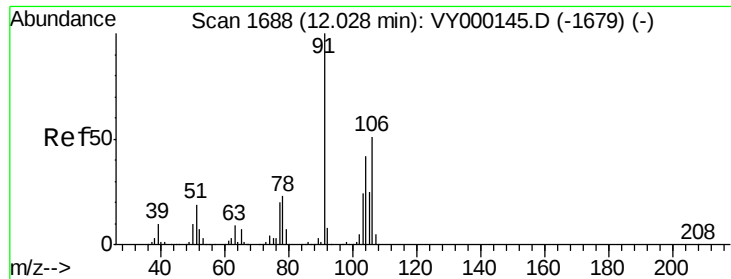
MMDadoda
10/2/2019 9:12:56 AM



#68
m/p-Xylenes
Concen: 102.038 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion: 106 Resp: 435371
Ion Ratio Lower Upper
106 100
91 185.8 148.6 223.0





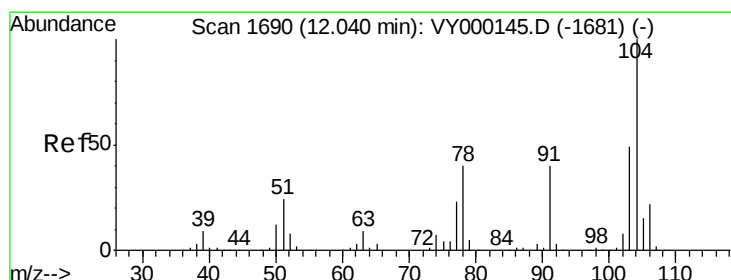
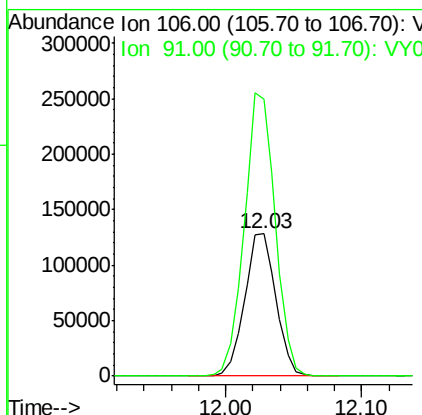
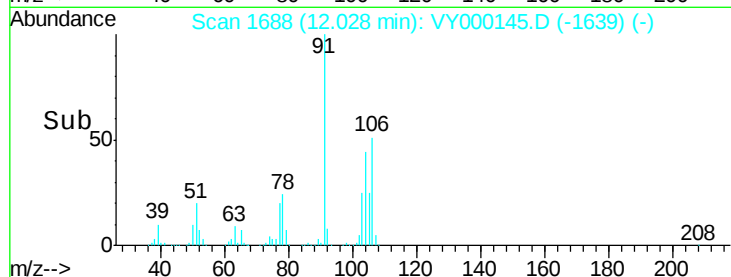
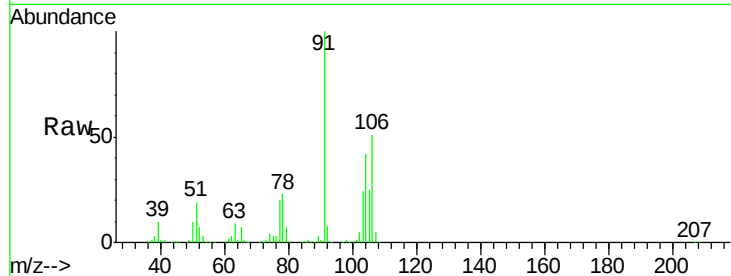
#69
o-Xylene
Concen: 50.691 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		206281		
91	195.9	98.0	293.9		

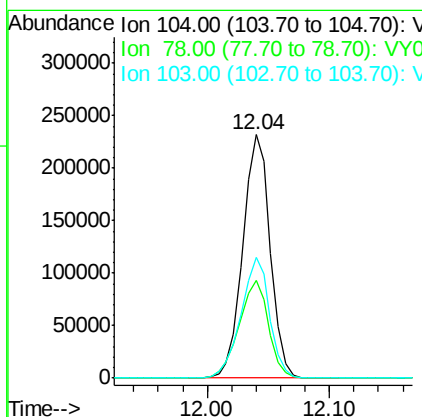
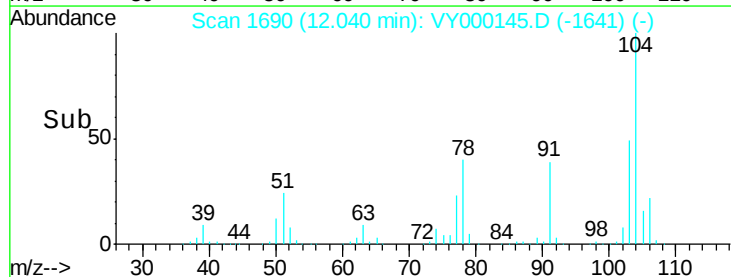
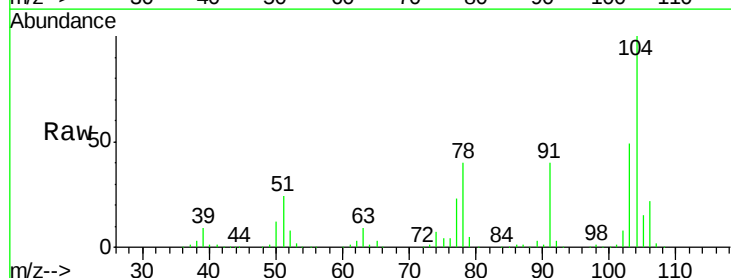
Manual Integrations
APPROVED

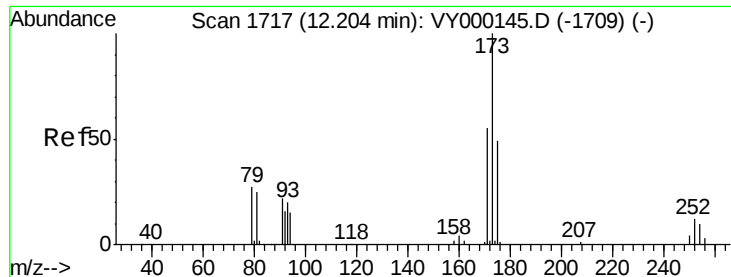
MMDadoda
10/2/2019 9:12:56 AM



#70
Styrene
Concen: 51.941 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		357702		
78	43.4	34.7	52.1		
103	52.0	41.6	62.4		





#71

Bromoform

Concen: 53.981 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 66184

Ion Ratio Lower Upper

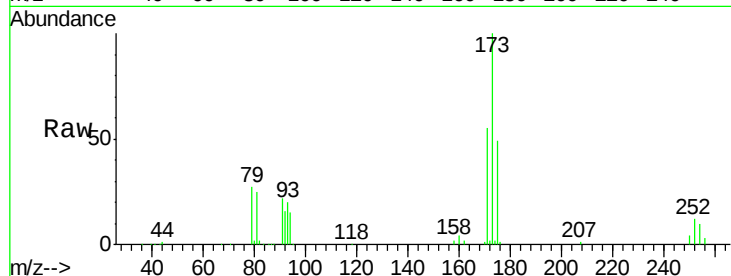
173 100

175 47.1 23.5 70.6

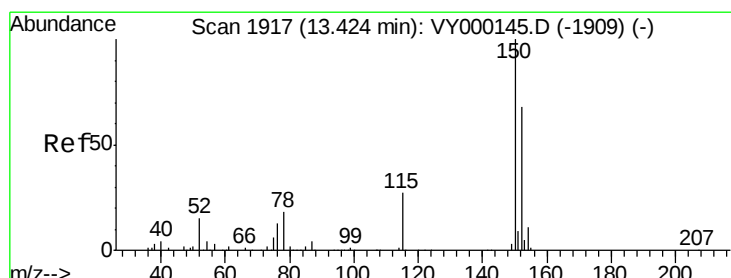
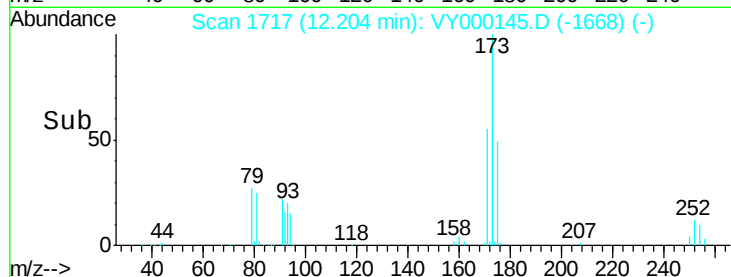
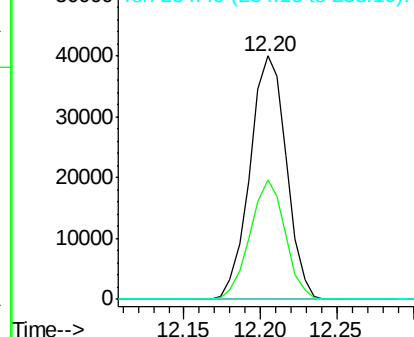
254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

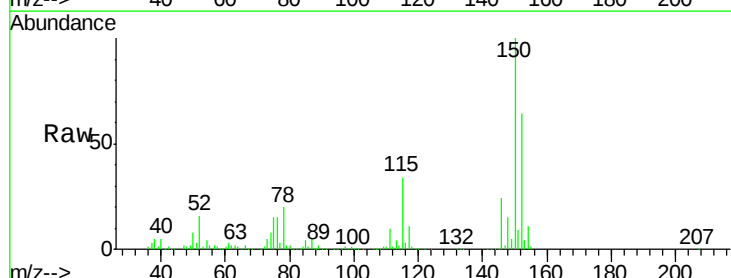
Tgt Ion:152 Resp: 145670

Ion Ratio Lower Upper

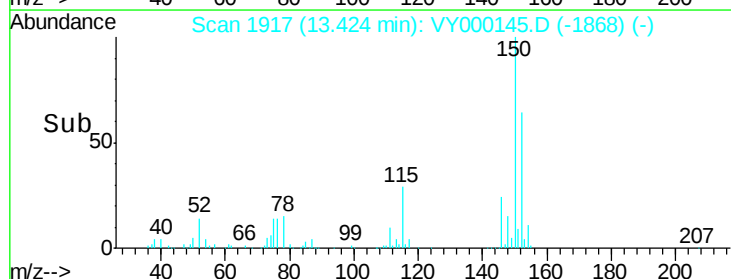
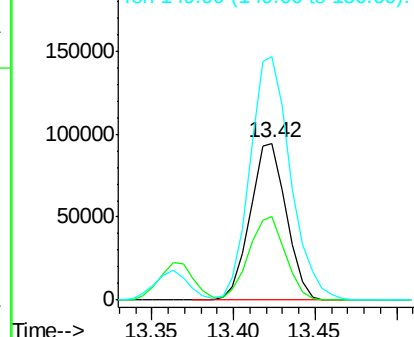
152 100

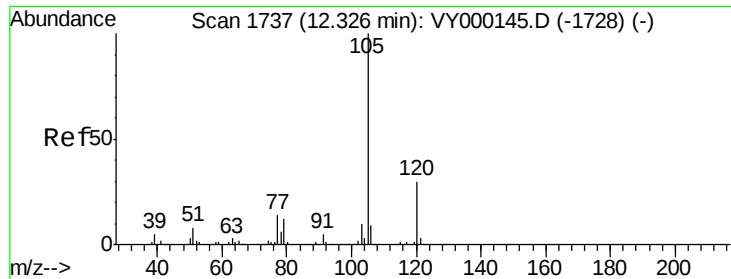
115 53.6 26.8 80.4

150 173.9 0.0 347.8



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





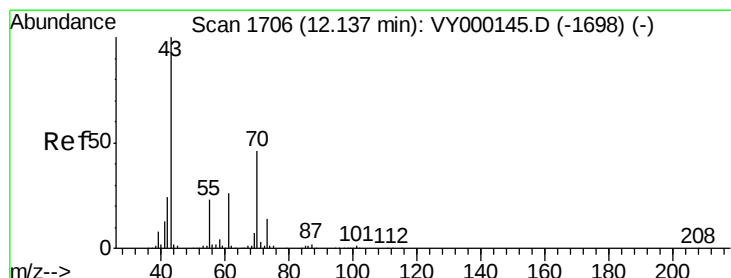
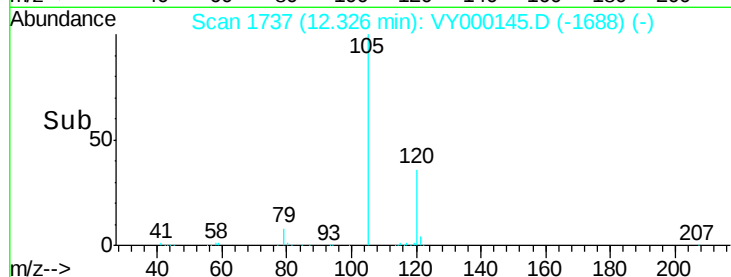
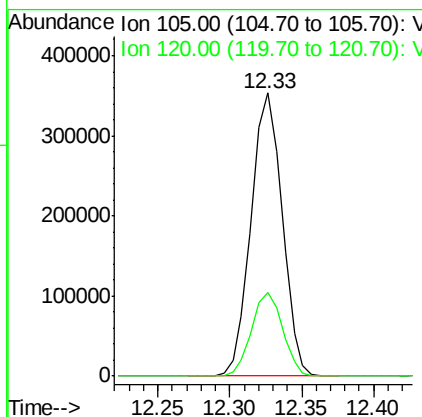
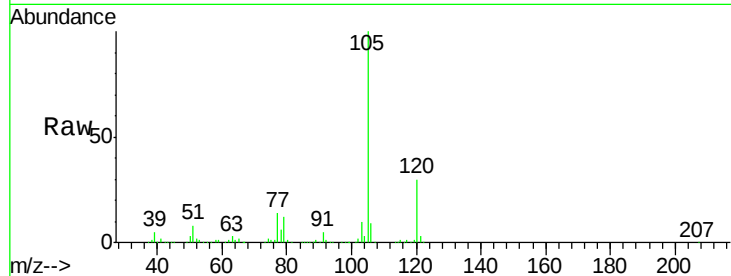
#73
Isopropylbenzene
Concen: 50.359 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	529276		
120	29.4		14.7	44.1

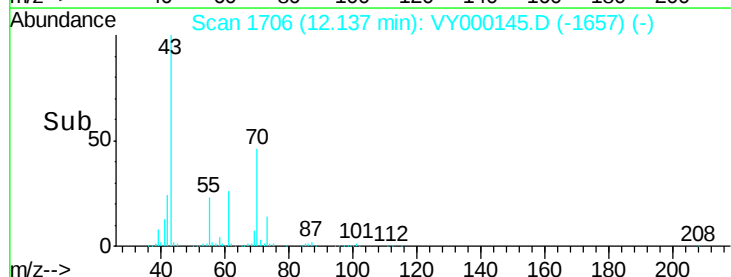
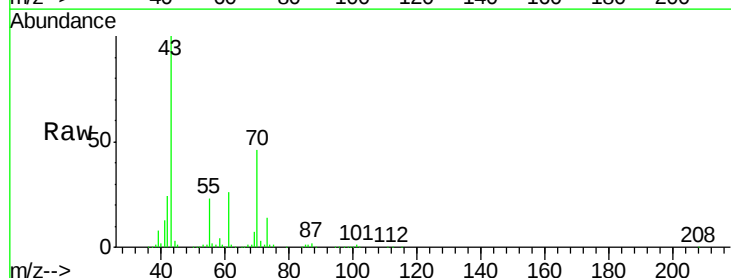
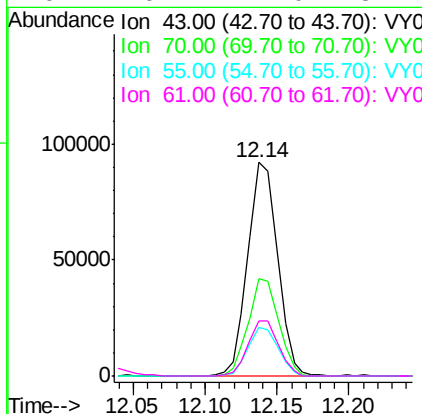
Manual Integrations
APPROVED

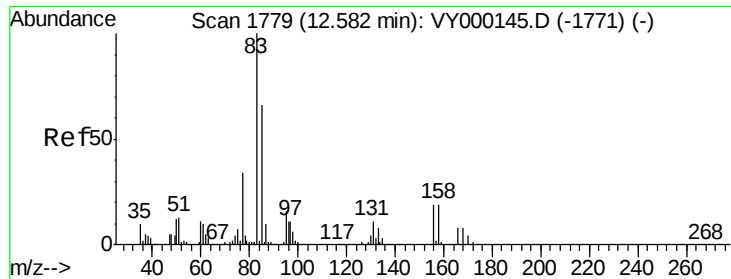
MMDadoda
10/2/2019 9:12:56 AM



#74
N-ethyl acetate
Concen: 52.051 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	132418		
70	46.6		37.3	55.9
55	23.2		18.6	27.8
61	26.2		21.0	31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.310 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

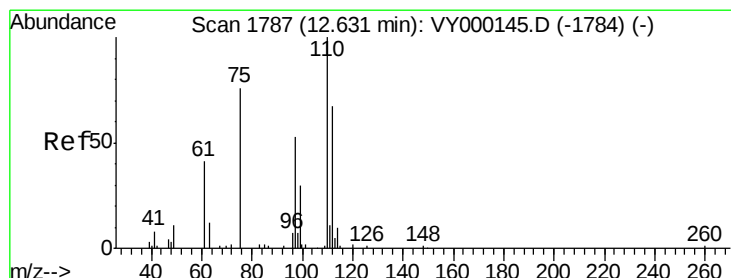
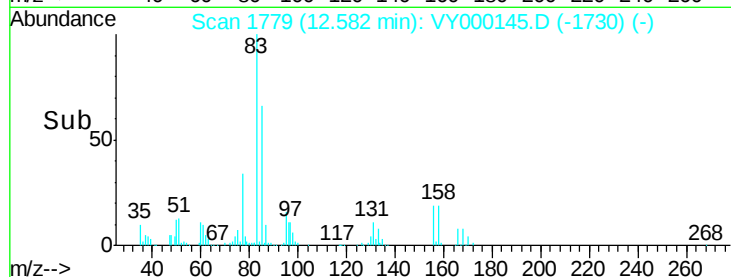
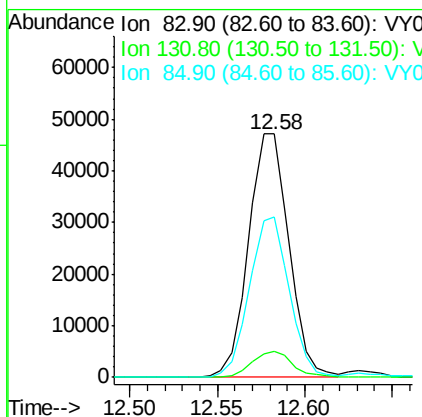
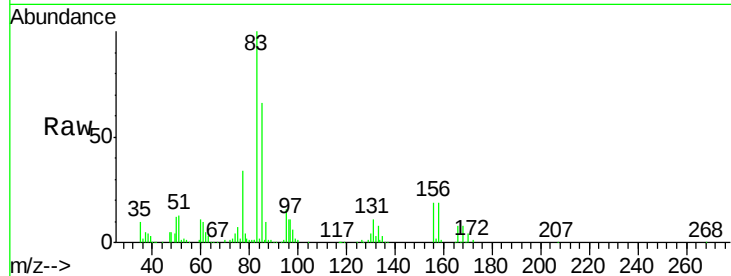
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	75761
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	65.0	32.5	97.5

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



#76

1,2,3-Trichloropropane

Concen: 54.857 ug/l m

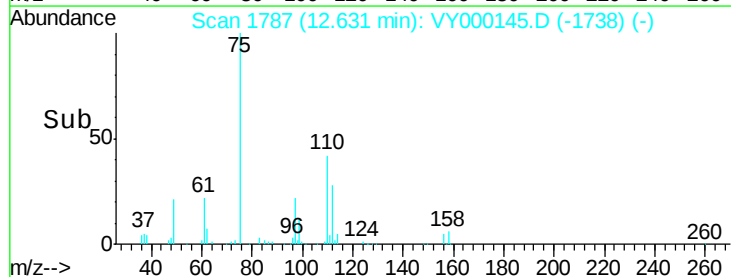
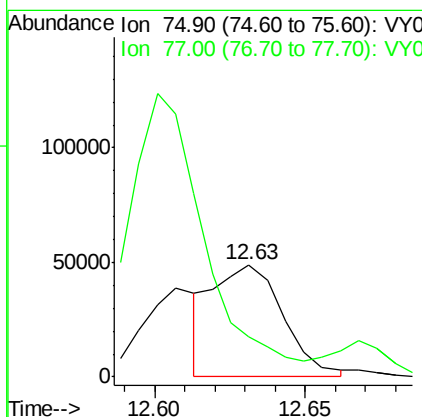
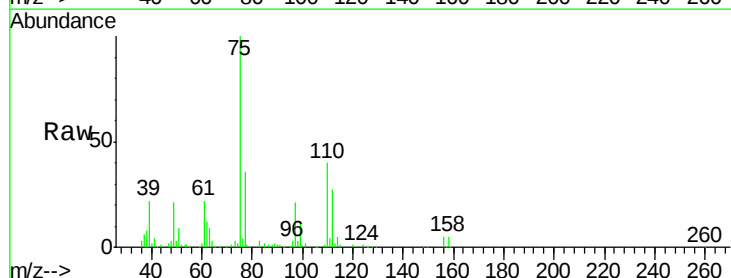
RT: 12.63 min Scan# 1787

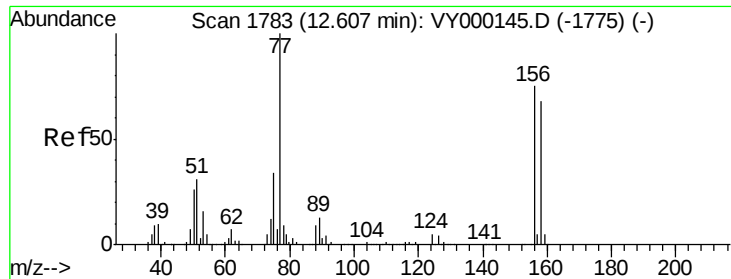
Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Tgt Ion:	75	Resp:	78711
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





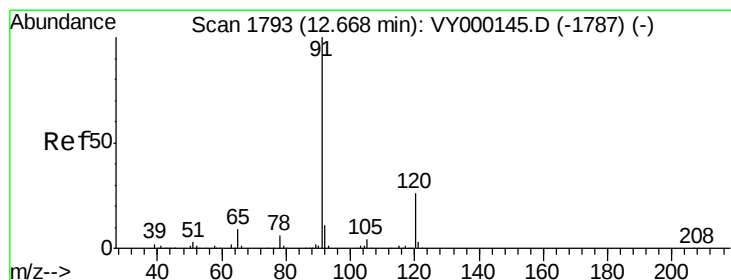
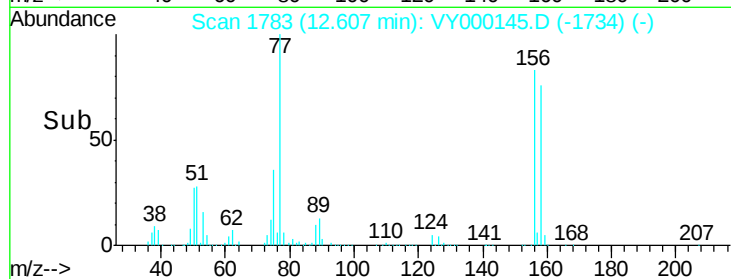
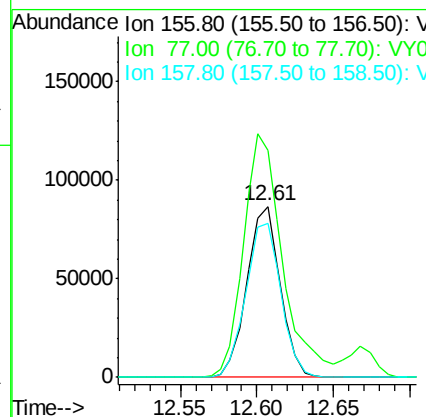
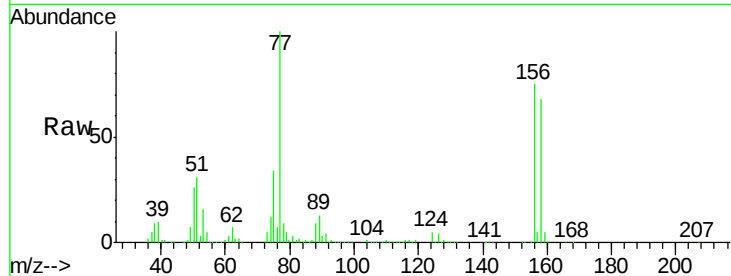
#77
Bromobenzene
Concen: 50.724 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.1	83.0	249.2
158	94.8	47.4	142.2

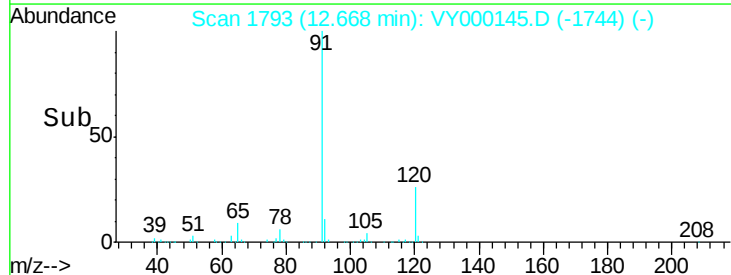
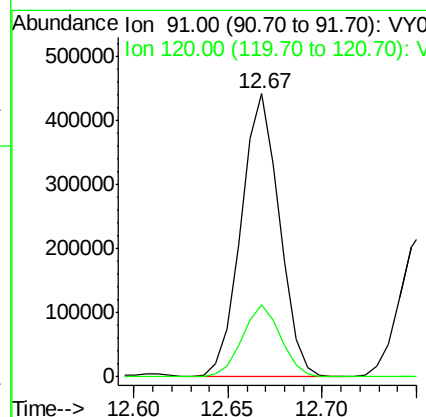
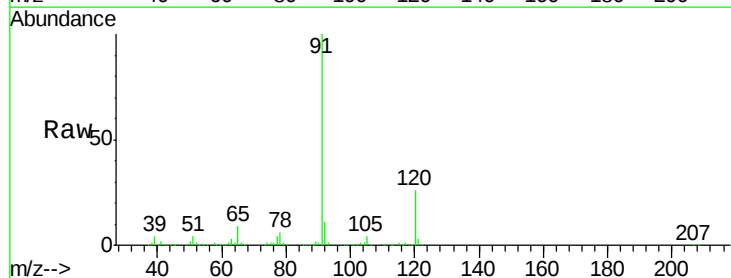
Manual Integrations
APPROVED

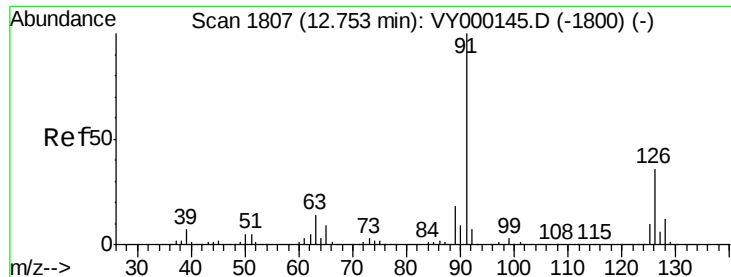
MMDadoda
10/2/2019 9:12:56 AM



#78
n-propylbenzene
Concen: 49.533 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.5	12.8	38.3





#79

2-Chlorotoluene

Concen: 50.785 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 346199

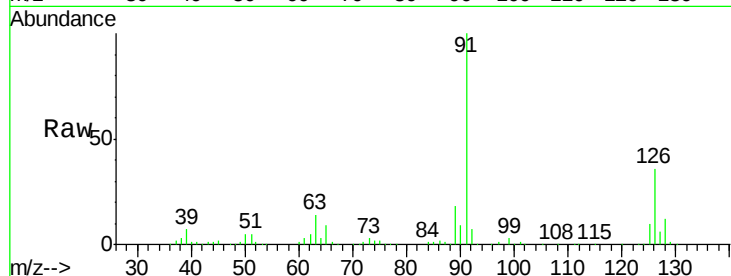
Ion Ratio Lower Upper

91 100

126 38.3 19.1 57.5

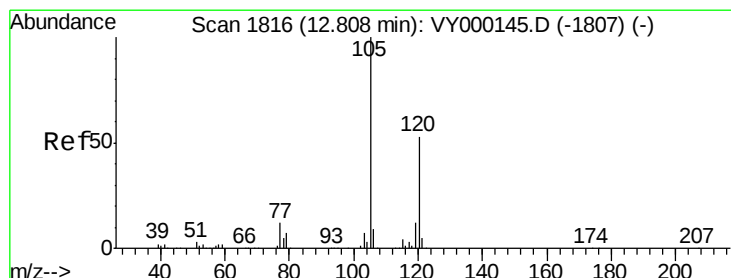
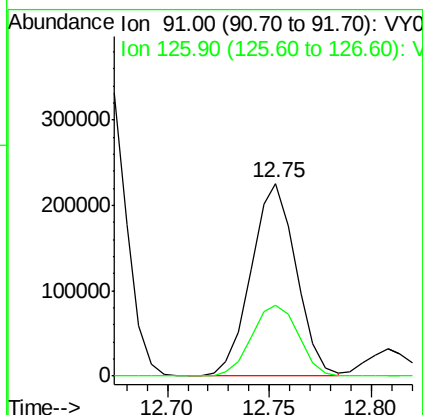
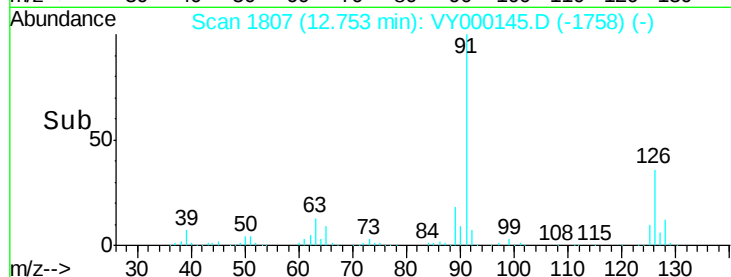
Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000145.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.255 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000145.D

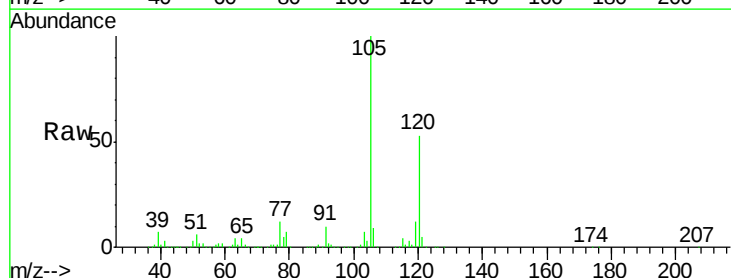
Acq: 26 Sep 2019 11:34

Tgt Ion: 105 Resp: 439372

Ion Ratio Lower Upper

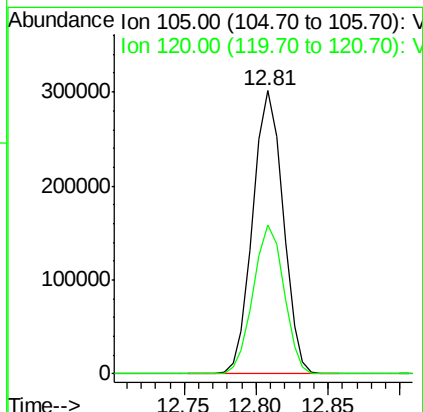
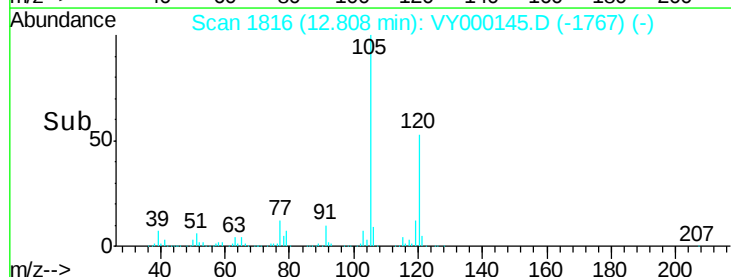
105 100

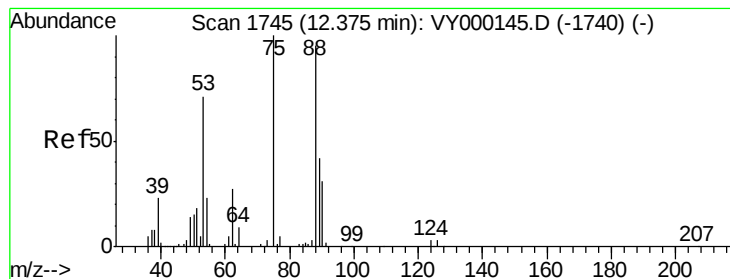
120 53.3 26.7 80.0



Abundance Ion 105.00 (104.70 to 105.70): VY000145.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000145.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.254 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Instrument :

MSVOA_Y

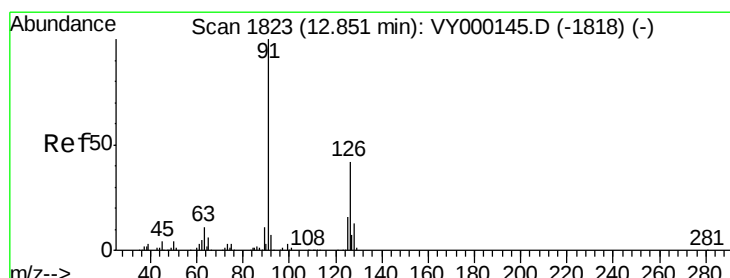
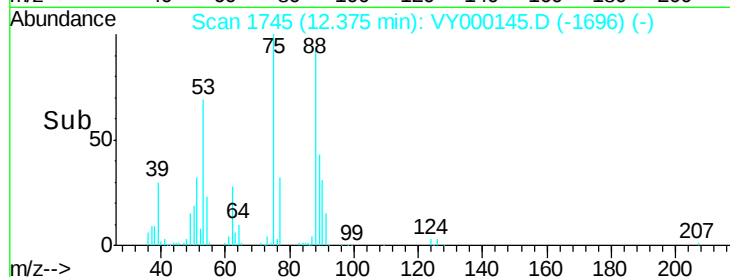
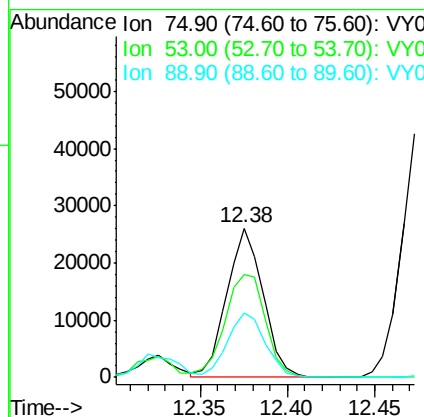
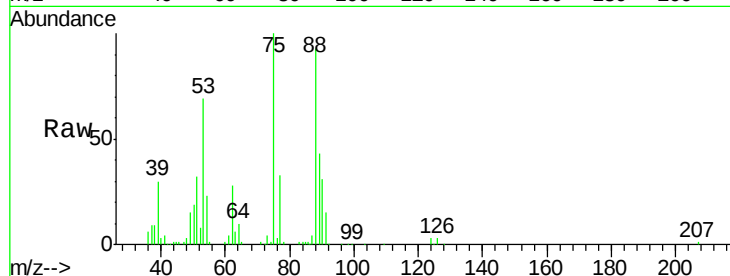
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	37706
Ion	Ratio	Lower	Upper
75	100		
53	77.3	61.8	92.8
89	44.5	35.6	53.4

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



#82

4-Chlorotoluene

Concen: 49.993 ug/l

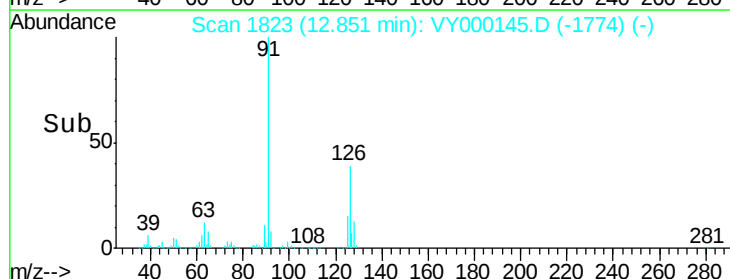
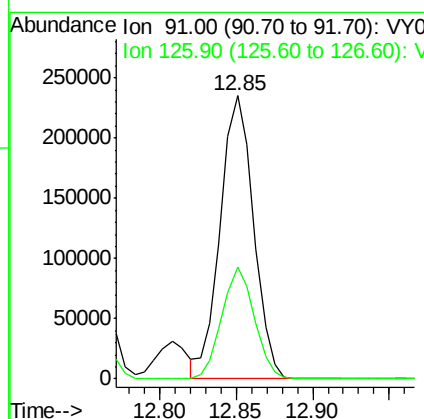
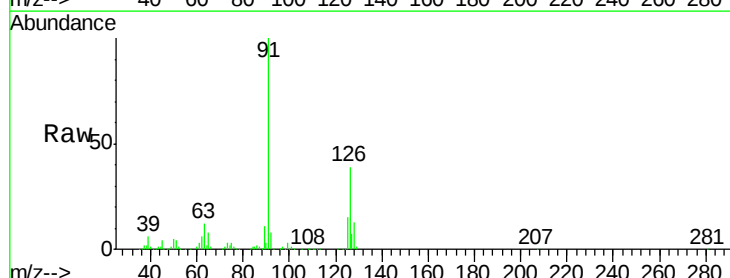
RT: 12.85 min Scan# 1823

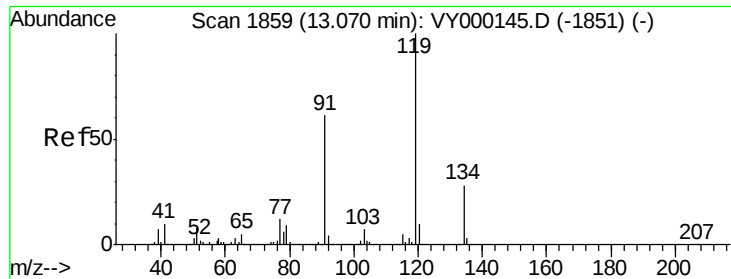
Delta R.T. 0.00 min

Lab File: VY000145.D

Acq: 26 Sep 2019 11:34

Tgt Ion:	91	Resp:	355083
Ion	Ratio	Lower	Upper
91	100		
126	38.8	19.4	58.2





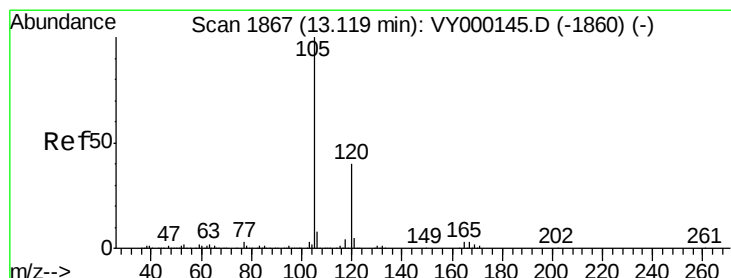
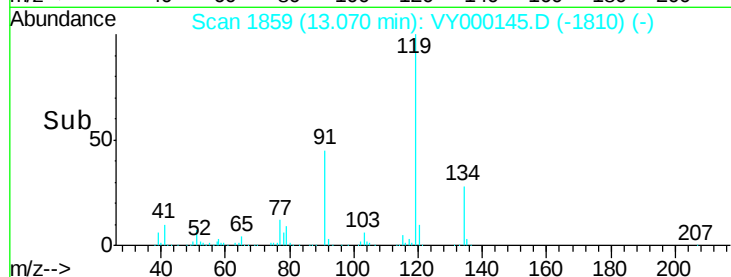
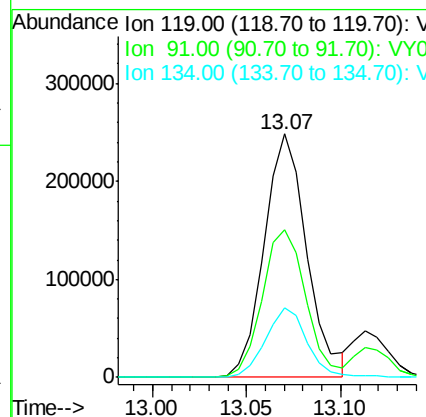
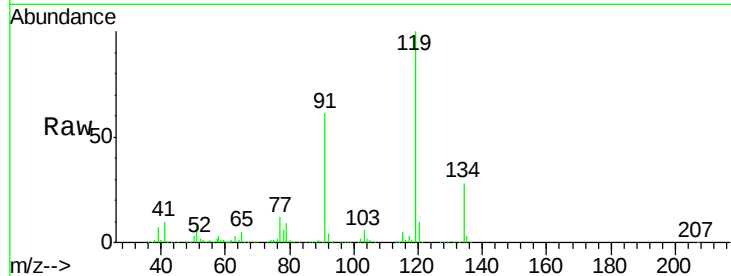
#83
tert-Butylbenzene
Concen: 51.750 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	389620		
91	62.0		31.0	93.0
134	27.9		14.0	41.9

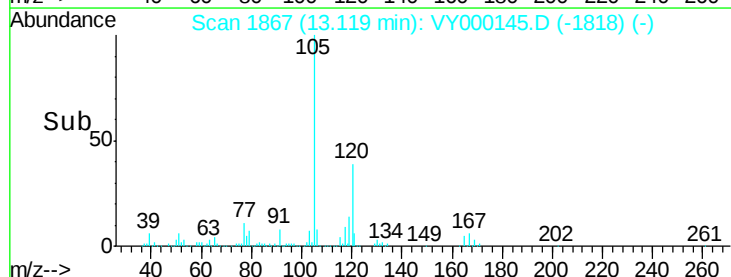
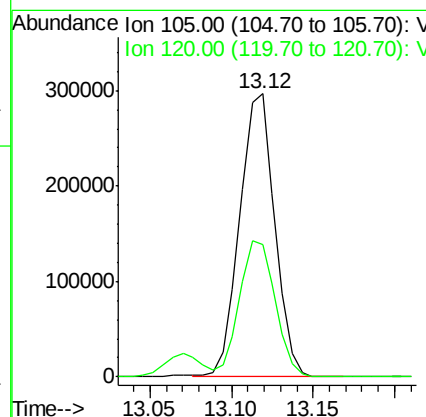
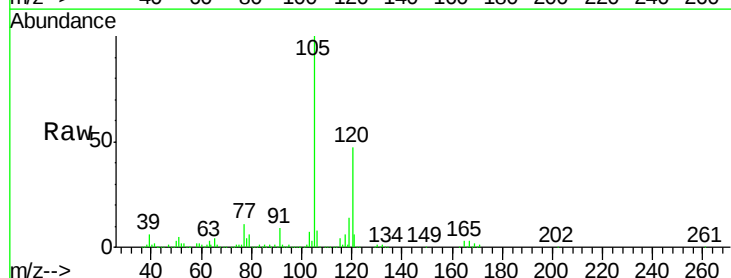
Manual Integrations
APPROVED

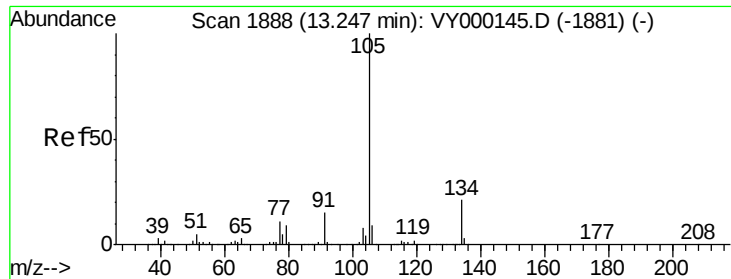
MMDadoda
10/2/2019 9:12:56 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.315 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	444555		
120	49.2		24.6	73.8





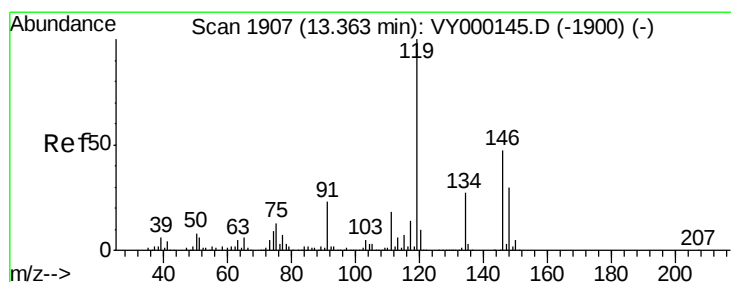
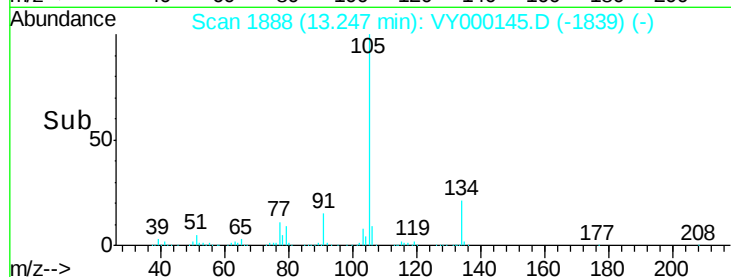
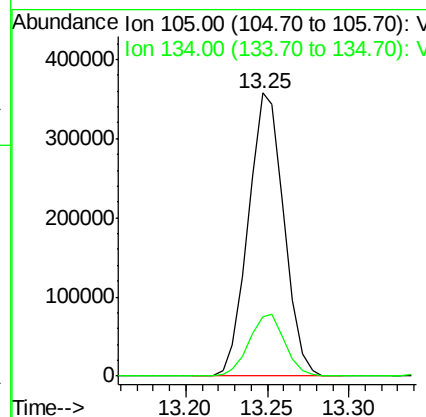
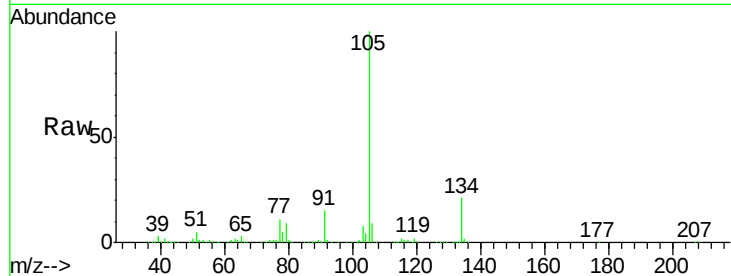
#85
 sec-Butylbenzene
 Concen: 50.165 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.9	10.9	32.9

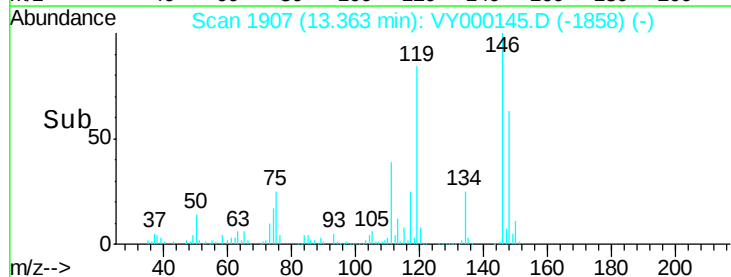
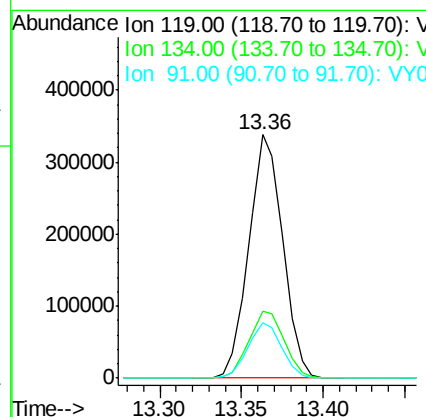
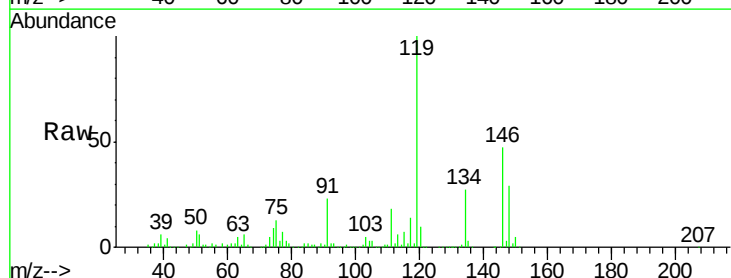
Manual Integrations
 APPROVED

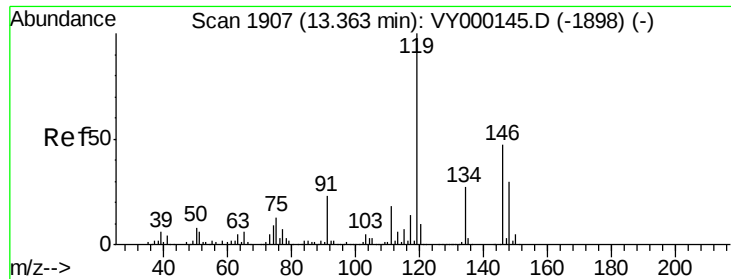
MMDadoda
 10/2/2019 9:12:56 AM



#86
 p-Isopropyltoluene
 Concen: 50.872 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.6	14.3	42.9
91	22.7	11.4	34.1





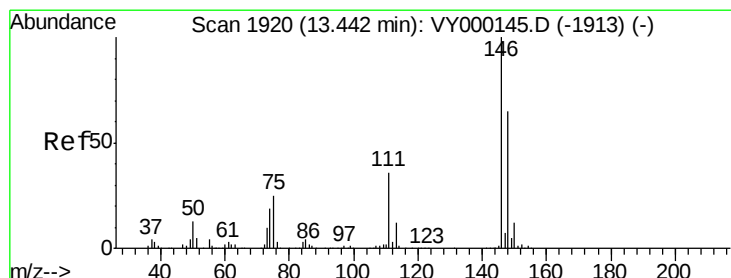
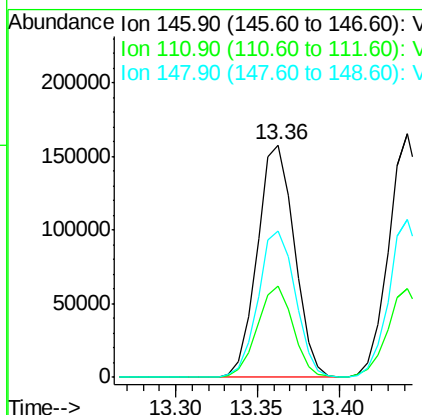
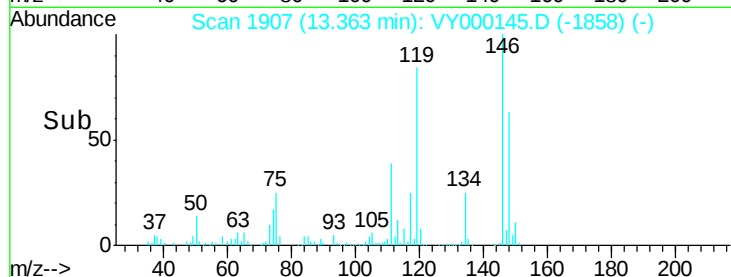
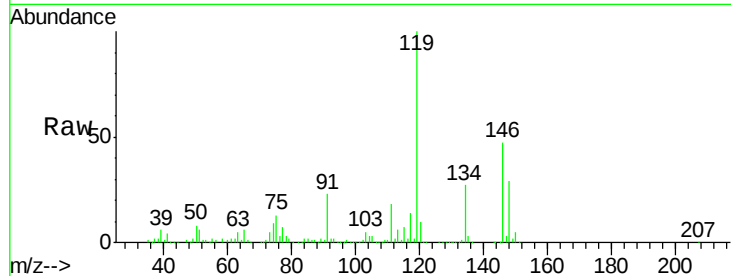
#87
 1,3-Dichlorobenzene
 Concen: 50.049 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	248986		
111	38.0	19.0	57.0	
148	63.2	31.6	94.8	

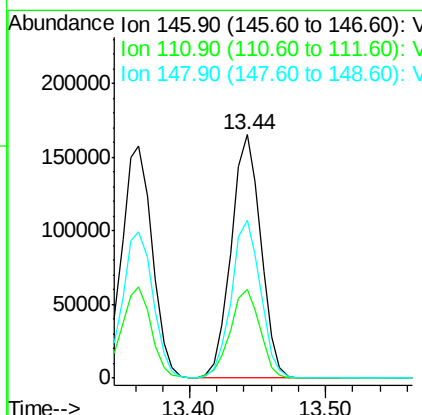
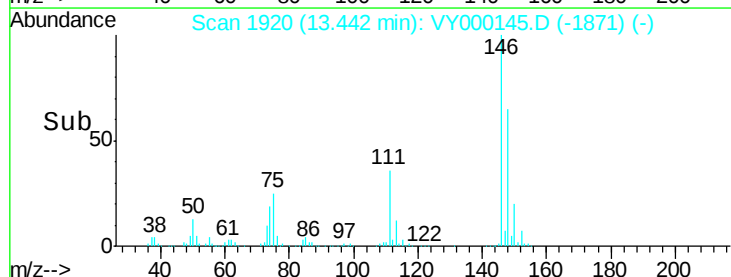
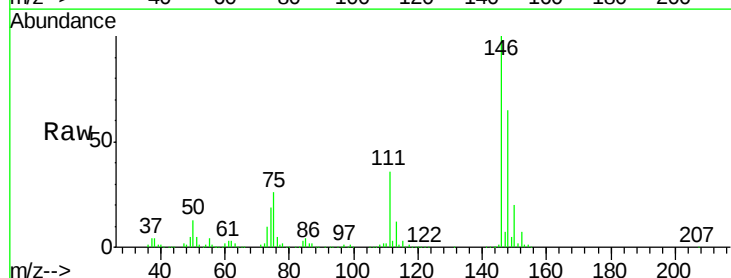
Manual Integrations
 APPROVED

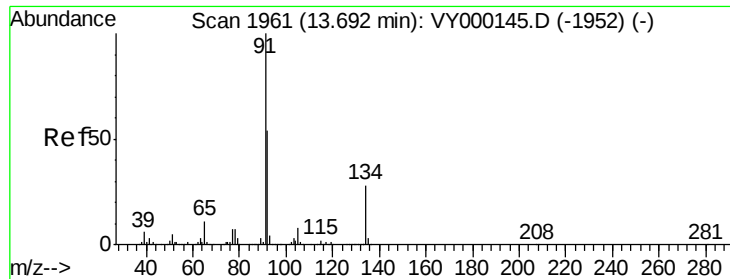
MMDadoda
 10/2/2019 9:12:56 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.598 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	250565		
111	36.6	18.3	54.9	
148	63.8	31.9	95.7	





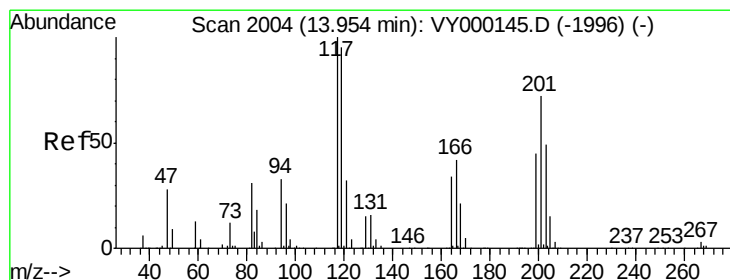
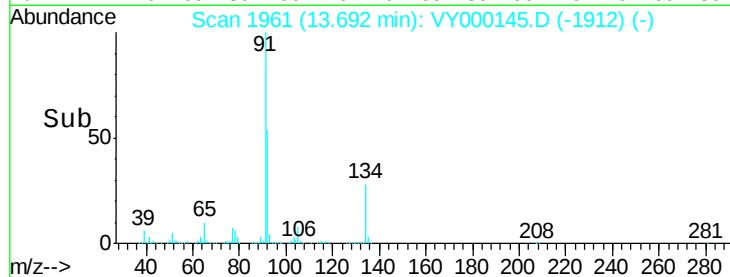
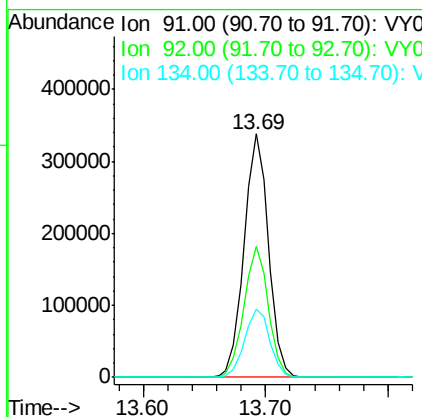
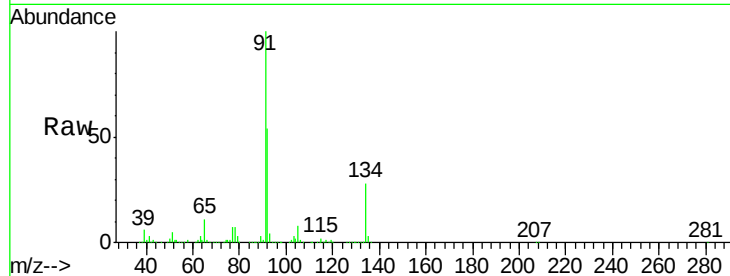
#89
n-Butylbenzene
Concen: 51.018 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	28.8	14.4	43.2

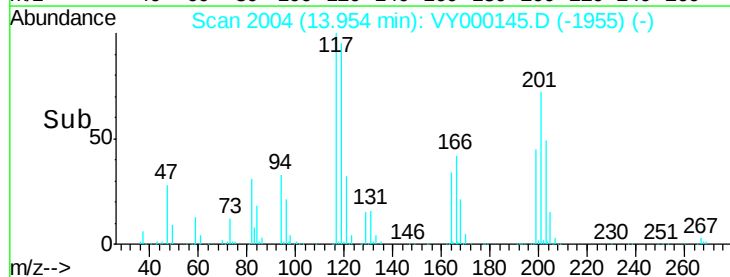
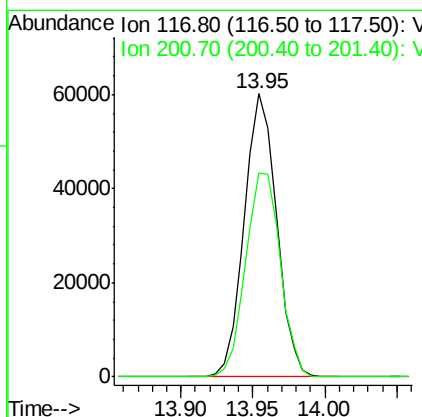
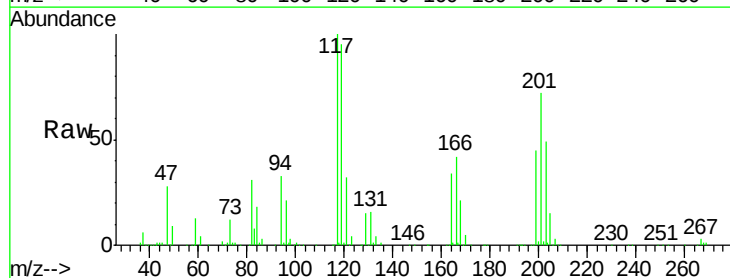
Manual Integrations
APPROVED

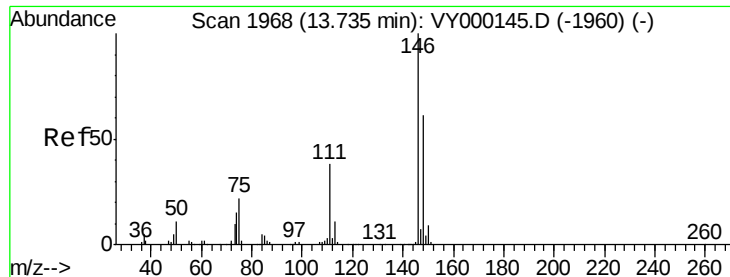
MMDadoda
10/2/2019 9:12:56 AM



#90
Hexachloroethane
Concen: 51.375 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	38.6	115.8





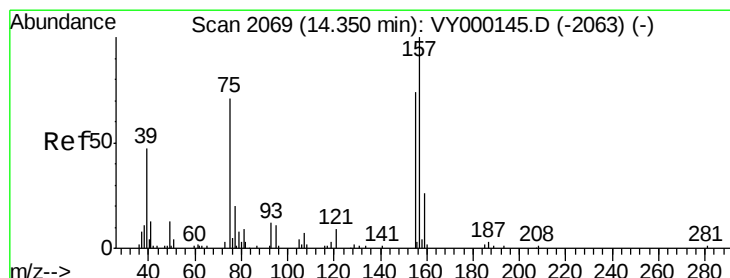
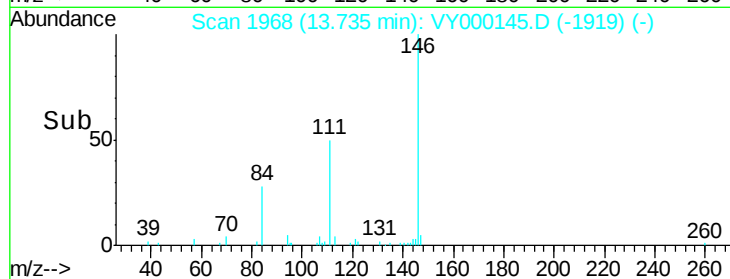
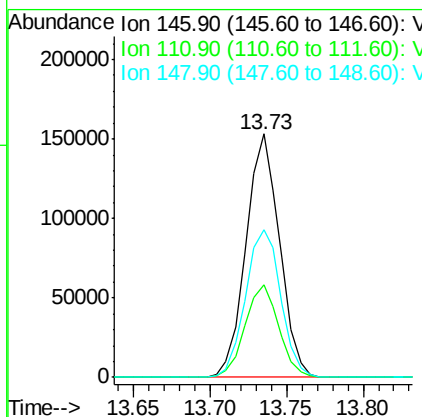
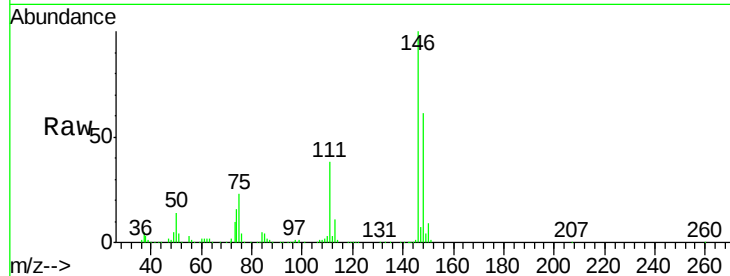
#91
 1,2-Dichlorobenzene
 Concen: 51.242 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	63.8	31.9	95.7

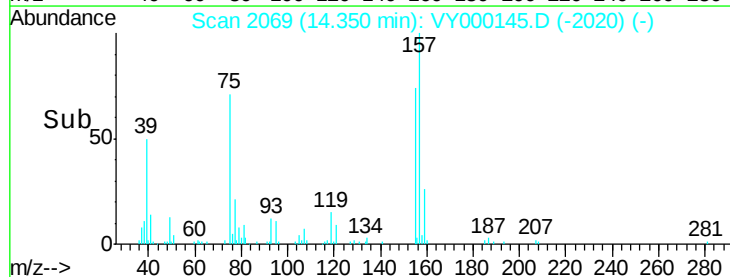
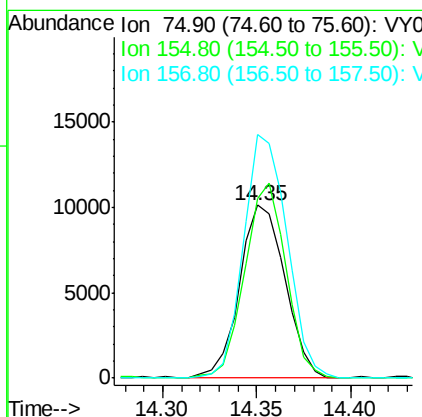
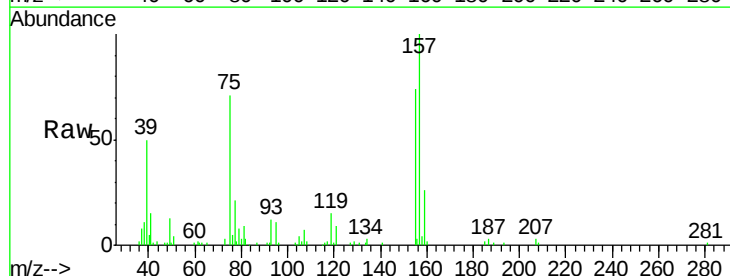
Manual Integrations
 APPROVED

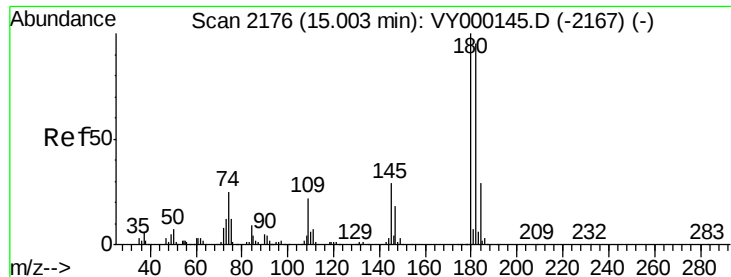
MMDadoda
 10/2/2019 9:12:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.628 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	51.3	153.9
157	134.5	67.3	201.8





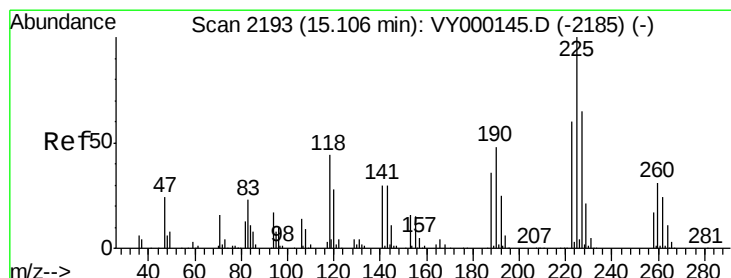
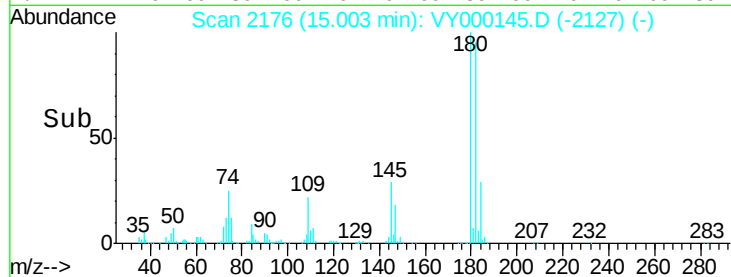
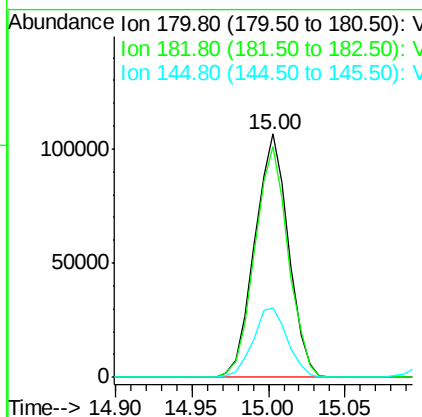
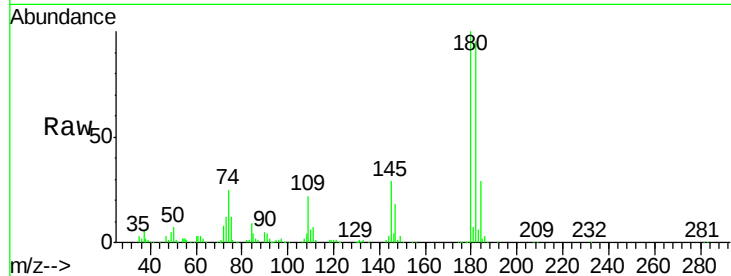
#93
 1,2,4-Trichlorobenzene
 Concen: 51.864 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163562		
182	94.1	47.0	141.2	
145	29.3	14.6	44.0	

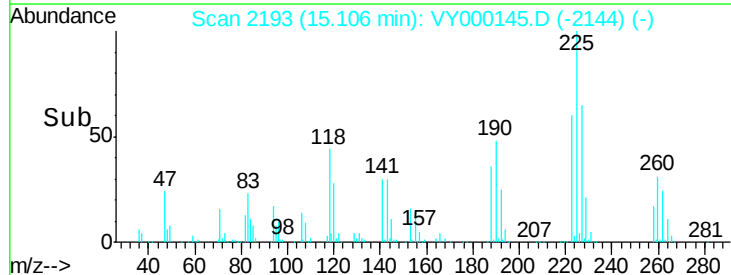
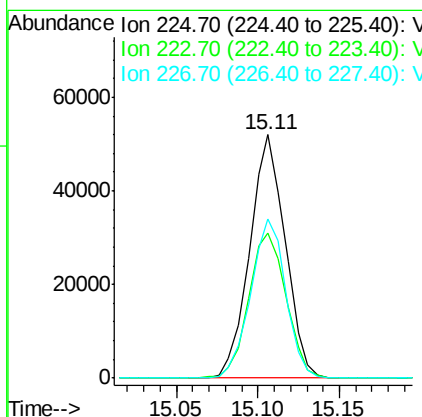
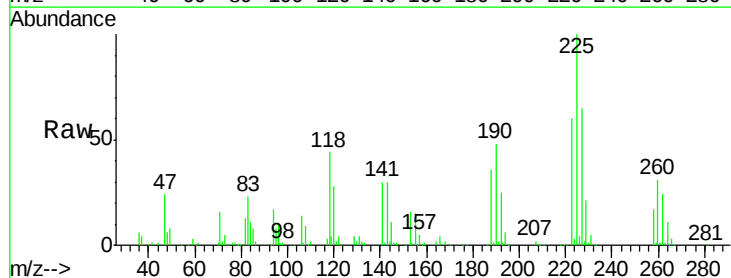
Manual Integrations
 APPROVED

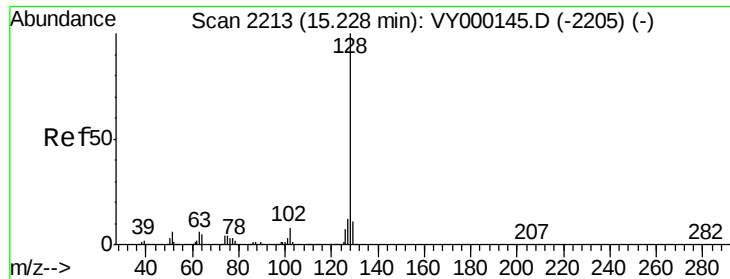
MMDadoda
 10/2/2019 9:12:56 AM



#94
 Hexachlorobutadiene
 Concen: 51.106 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000145.D
 Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78637		
223	63.0	31.5	94.5	
227	64.7	32.4	97.0	





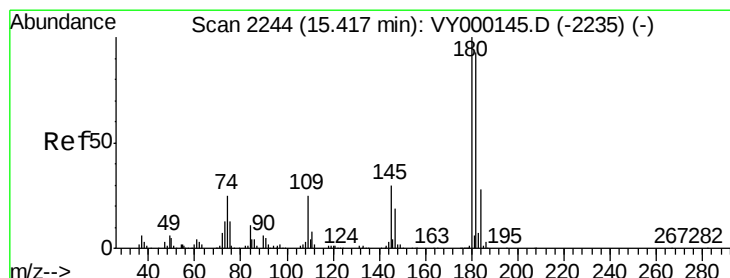
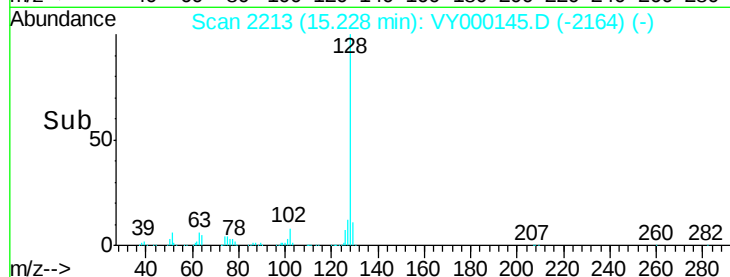
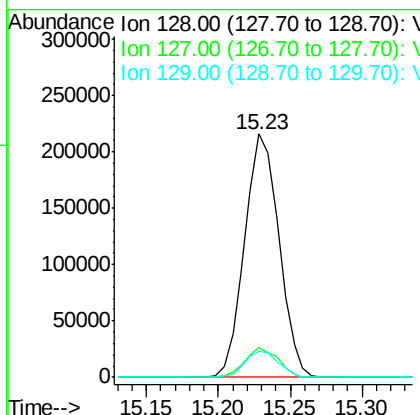
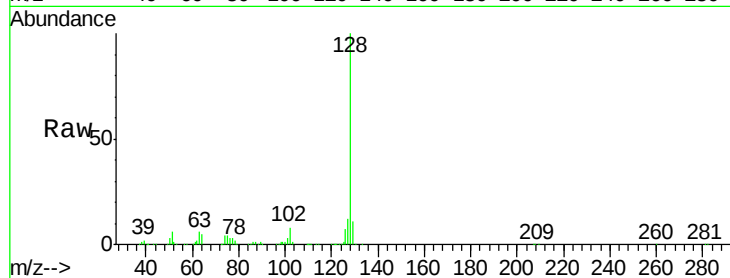
#95
Naphthalene
Concen: 50.523 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	11.9	9.5	14.3
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:12:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.399 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000145.D
Acq: 26 Sep 2019 11:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.1	46.6	139.7
145	30.9	15.4	46.4

