

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002249.D
 Acq On : 08 Apr 2020 13:59
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:01 AM

Quant Time: Apr 08 14:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	162770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	297521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	267194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88054	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
35) Dibromofluoromethane	7.74	113	87395	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.19	98	367281	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.49	95	122148	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	82767	50.313	ug/l	100
3) Chloromethane	2.12	50	100862	48.716	ug/l	100
4) Vinyl Chloride	2.26	62	108887	49.411	ug/l	100
5) Bromomethane	2.66	94	68291	50.183	ug/l	100
6) Chloroethane	2.80	64	62696	49.332	ug/l	100
7) Trichlorofluoromethane	3.14	101	135685	47.677	ug/l	100
8) Diethyl Ether	3.54	74	59084	48.835	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	93182	48.201	ug/l	100
10) Methyl Iodide	4.11	142	110604	49.221	ug/l	100
11) Tert butyl alcohol	4.97	59	47421	199.131	ug/l	100
12) 1,1-Dichloroethene	3.89	96	95130	48.402	ug/l	100
13) Acrolein	3.74	56	57237	245.240	ug/l	100
14) Allyl chloride	4.50	41	156960	49.455	ug/l	100
15) Acrylonitrile	5.19	53	149526	241.677	ug/l	100
16) Acetone	3.97	43	121934	255.759	ug/l	100
17) Carbon Disulfide	4.21	76	318565	48.805	ug/l	100
18) Methyl Acetate	4.50	43	71292	48.210	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	254680	49.290	ug/l	100
20) Methylene Chloride	4.74	84	106997	45.661	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	106860	48.439	ug/l	100
22) Diisopropyl ether	6.14	45	315319	49.368	ug/l	100
23) Vinyl Acetate	6.08	43	1004745	246.851	ug/l	100
24) 1,1-Dichloroethane	6.04	63	177256	48.792	ug/l	100
25) 2-Butanone	7.00	43	182218	241.513	ug/l	100
26) 2,2-Dichloropropane	7.00	77	143094	47.086	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	116877	48.602	ug/l	100
28) Bromochloromethane	7.35	49	77683	49.535	ug/l	100
29) Tetrahydrofuran	7.36	42	119603	239.814	ug/l	100
30) Chloroform	7.52	83	166355	48.577	ug/l	100
31) Cyclohexane	7.80	56	180508	47.335	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	141321	49.579	ug/l	100
36) 1,1-Dichloropropene	7.93	75	142334	48.569	ug/l	100
37) Ethyl Acetate	7.09	43	79384	47.417	ug/l	100
38) Carbon Tetrachloride	7.91	117	121409	48.434	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002249.D
 Acq On : 08 Apr 2020 13:59
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:01 AM

Quant Time: Apr 08 14:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	192677	48.333	ug/l	100
40) Benzene	8.18	78	431499	48.531	ug/l	100
41) Methacrylonitrile	7.34	41	42787m	38.686	ug/l	
42) 1,2-Dichloroethane	8.25	62	105842	48.056	ug/l	100
43) Isopropyl Acetate	8.28	43	146957	48.131	ug/l	100
44) Trichloroethene	8.95	130	124497	47.626	ug/l	100
45) 1,2-Dichloropropane	9.23	63	106854	48.436	ug/l	100
46) Dibromomethane	9.32	93	56317	48.824	ug/l	100
47) Bromodichloromethane	9.50	83	129185	48.811	ug/l	100
48) Methyl methacrylate	9.30	41	66815	48.803	ug/l	100
49) 1,4-Dioxane	9.31	88	16046	983.427	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	377117	237.029	ug/l	100
52) Toluene	10.25	92	261494	48.801	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	143394	49.726	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	171756	49.543	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	82067	48.597	ug/l	100
56) Ethyl methacrylate	10.52	69	119566	49.608	ug/l	100
57) 1,3-Dichloropropane	10.80	76	143891	48.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	294958	236.320	ug/l	100
59) 2-Hexanone	10.84	43	266736	241.563	ug/l	100
60) Dibromochloromethane	10.99	129	88817	49.324	ug/l	100
61) 1,2-Dibromoethane	11.10	107	77584	48.258	ug/l	100
64) Tetrachloroethene	10.72	164	131515	48.684	ug/l	100
65) Chlorobenzene	11.52	112	270282	48.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	91060	49.657	ug/l	100
67) Ethyl Benzene	11.60	91	496537	48.834	ug/l	100
68) m/p-Xylenes	11.70	106	369551	97.037	ug/l	100
69) o-Xylene	12.03	106	174351	48.764	ug/l	100
70) Styrene	12.05	104	305078	49.181	ug/l	100
71) Bromoform	12.21	173	50589	50.730	ug/l #	100
73) Isopropylbenzene	12.33	105	467570	49.353	ug/l	100
74) N-amyl acetate	12.14	43	129411	48.120	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	56069	48.916	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	72909m	30.177	ug/l	
77) Bromobenzene	12.61	156	102351	49.104	ug/l	100
78) n-propylbenzene	12.67	91	572914	48.622	ug/l	100
79) 2-Chlorotoluene	12.76	91	310953	48.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	384879	49.121	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36219	50.305	ug/l	100
82) 4-Chlorotoluene	12.86	91	326830	48.697	ug/l	100
83) tert-Butylbenzene	13.08	119	325076	49.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	383445	49.008	ug/l	100
85) sec-Butylbenzene	13.25	105	476293	48.716	ug/l	100
86) p-Isopropyltoluene	13.37	119	414126	49.215	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	195856	48.484	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	196040	47.809	ug/l	100
89) n-Butylbenzene	13.70	91	418329	48.501	ug/l	100
90) Hexachloroethane	13.96	117	78294	48.828	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	179195	48.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13389	48.297	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
Data File : VY002249.D
Acq On : 08 Apr 2020 13:59
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM

Quant Time: Apr 08 14:57:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 14:44:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	113438	47.281	ug/l	100
94) Hexachlorobutadiene	15.11	225	58436	48.358	ug/l	100
95) Naphthalene	15.24	128	259670	49.431	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	99656	47.836	ug/l	100

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

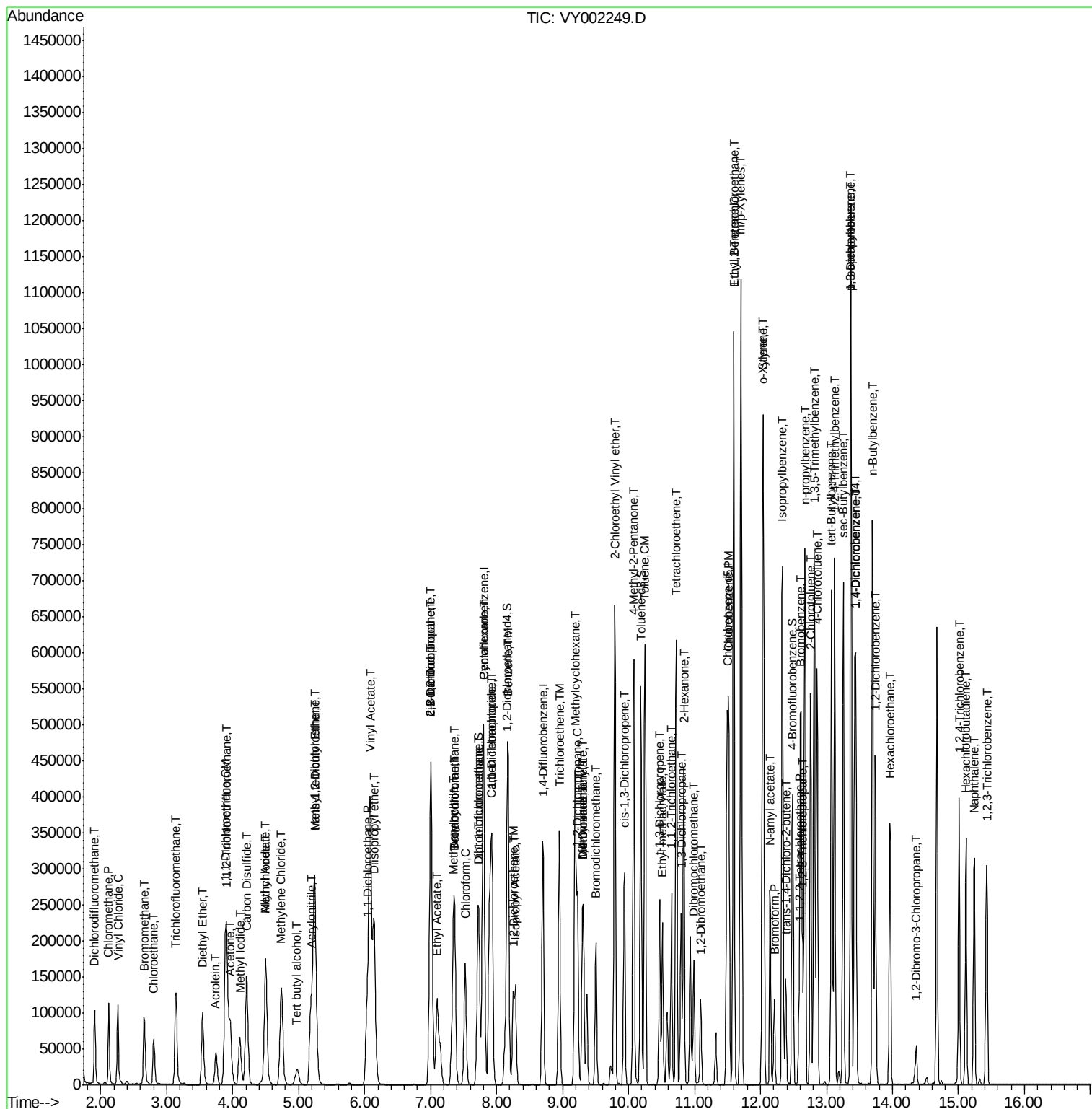
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
Data File : VY002249.D
Acq On : 08 Apr 2020 13:59
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

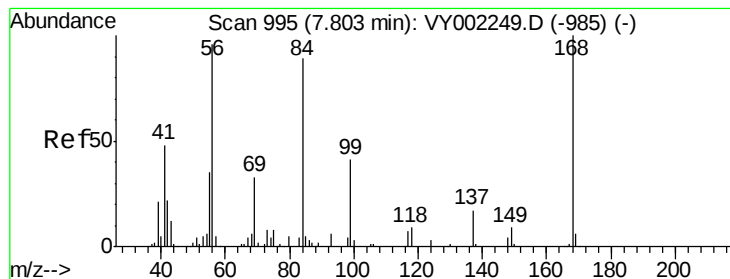
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM

Quant Time: Apr 08 14:57:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 14:44:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 162770

Ion Ratio Lower Upper

168 100

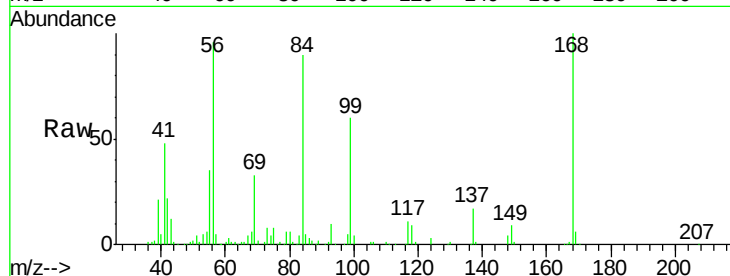
99 60.0 48.0 72.0

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

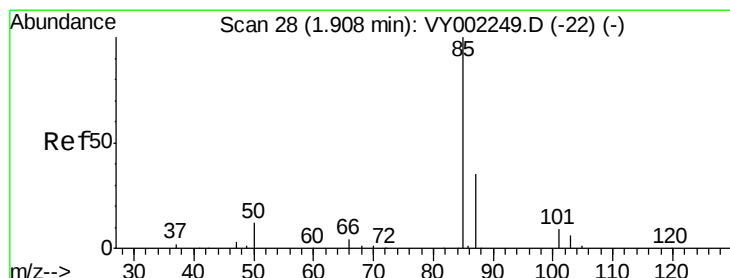
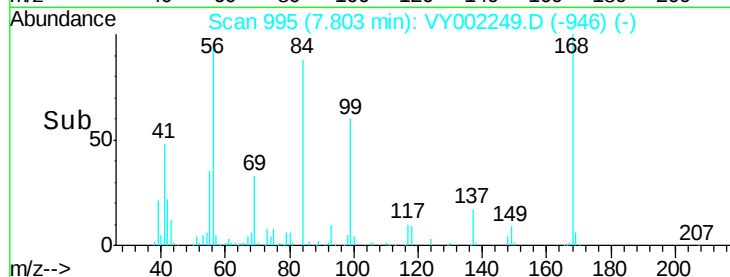
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.313 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002249.D

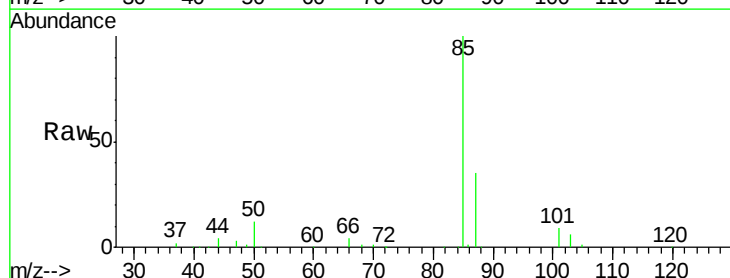
Acq: 08 Apr 2020 13:59

Tgt Ion: 85 Resp: 82767

Ion Ratio Lower Upper

85 100

87 34.6 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

60000

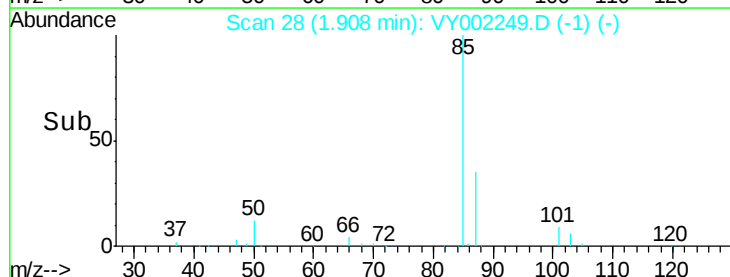
40000

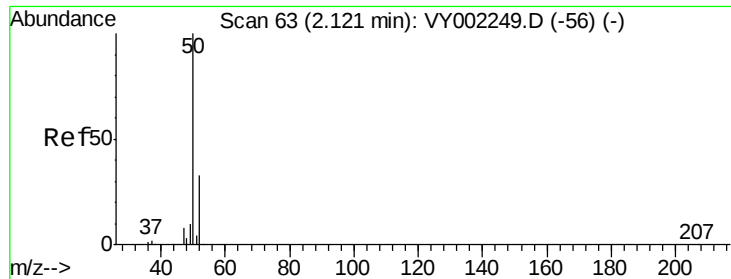
20000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 48.716 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 100862

Ion Ratio Lower Upper

50 100

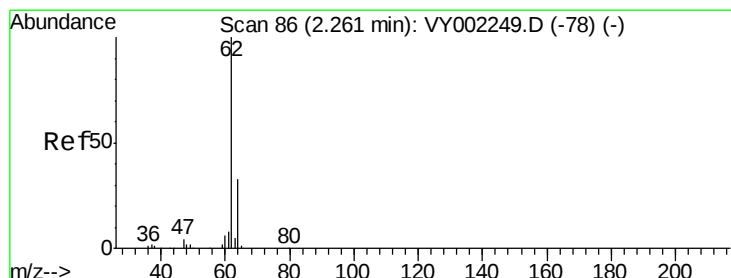
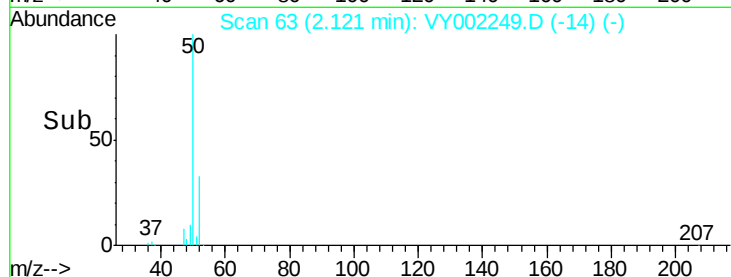
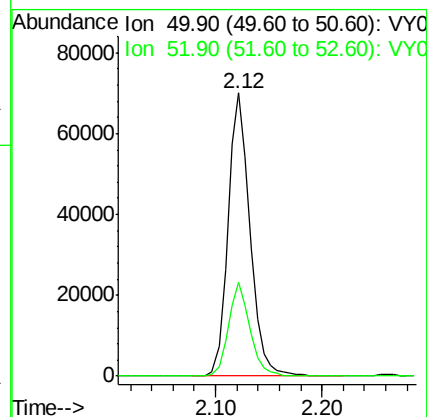
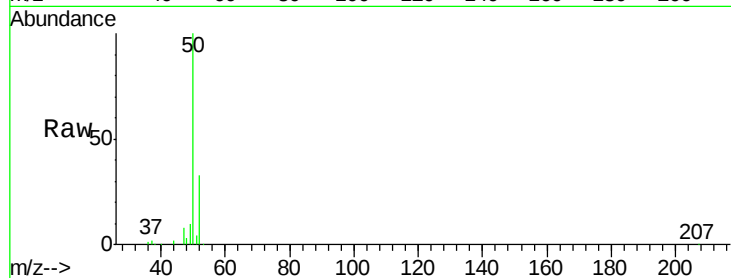
52 33.2 26.6 39.8

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM



#4

Vinyl Chloride

Concen: 49.411 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002249.D

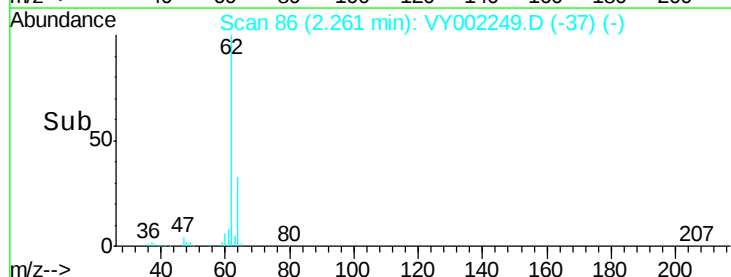
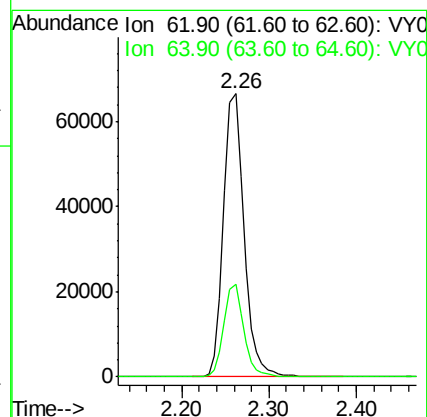
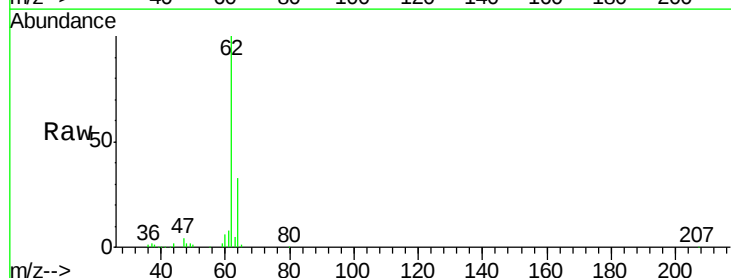
Acq: 08 Apr 2020 13:59

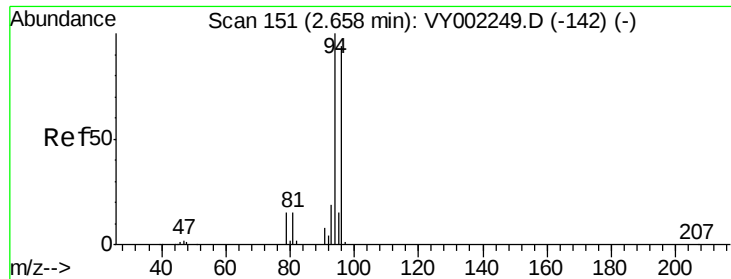
Tgt Ion: 62 Resp: 108887

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 50.183 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 68291

Ion Ratio Lower Upper

94 100

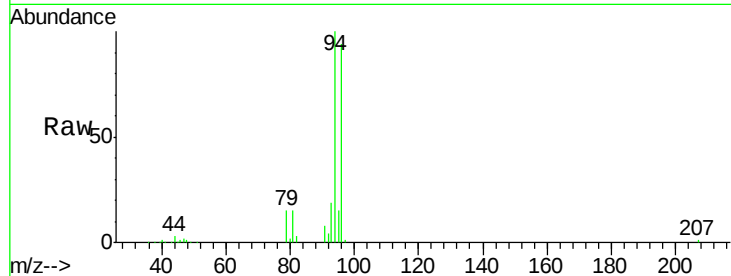
96 94.5 75.6 113.4

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM

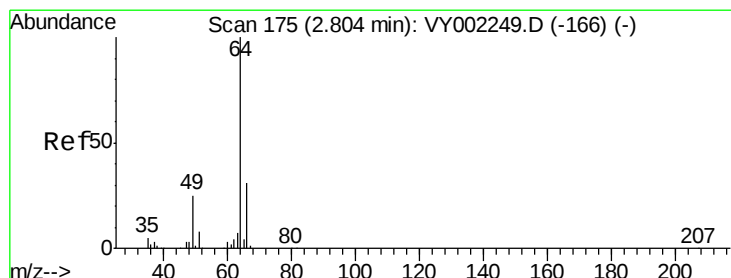
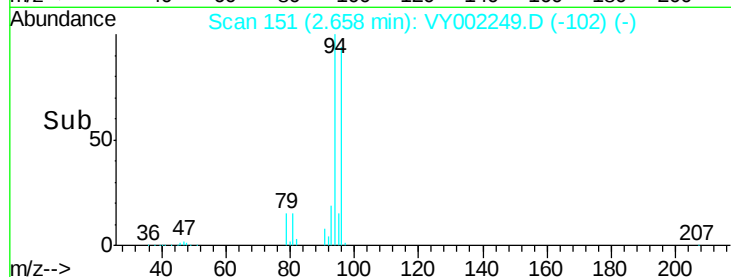


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

Time-->



#6

Chloroethane

Concen: 49.332 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002249.D

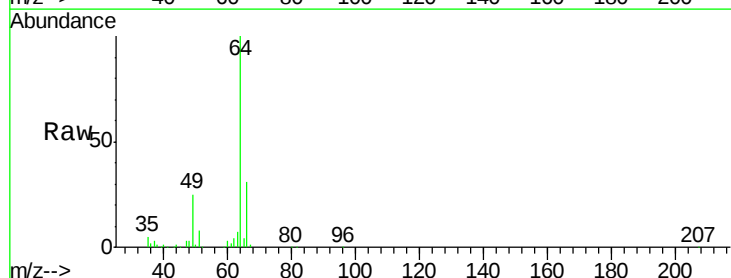
Acq: 08 Apr 2020 13:59

Tgt Ion: 64 Resp: 62696

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0

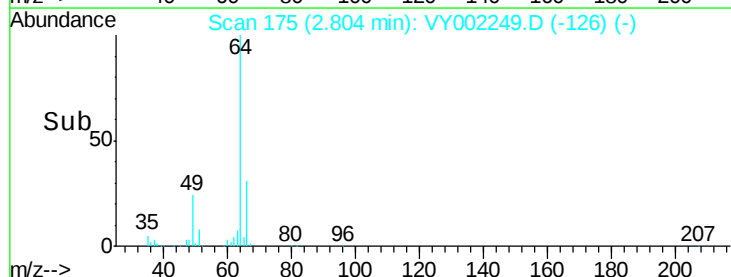


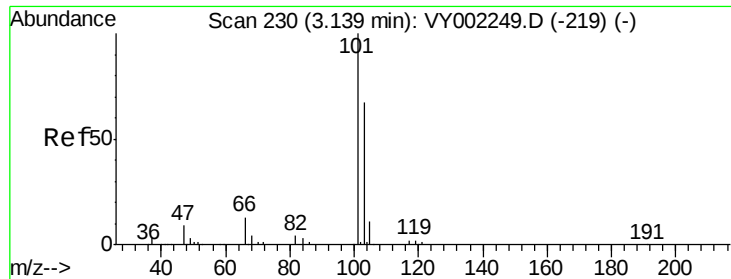
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

Time-->





#7

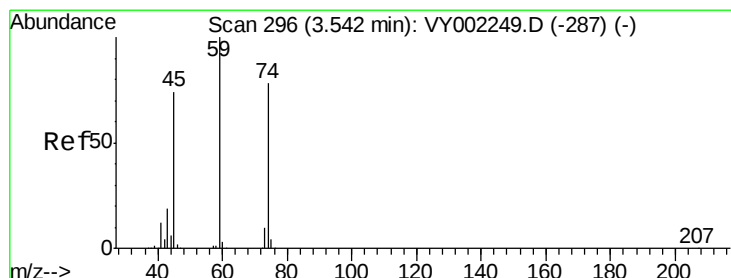
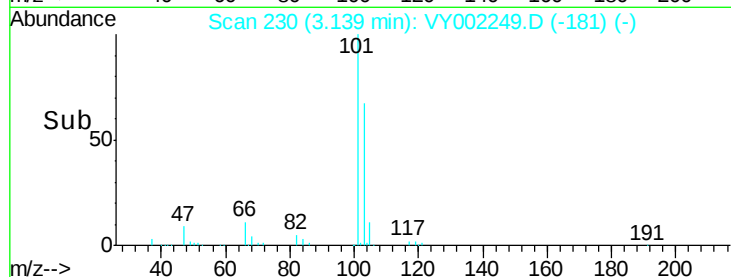
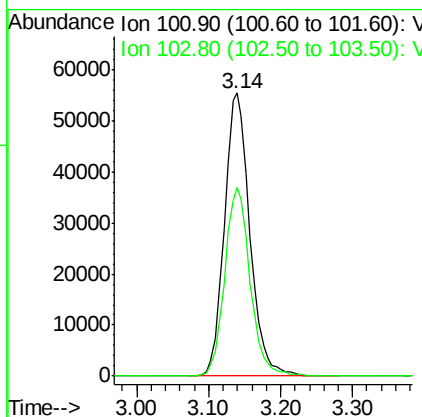
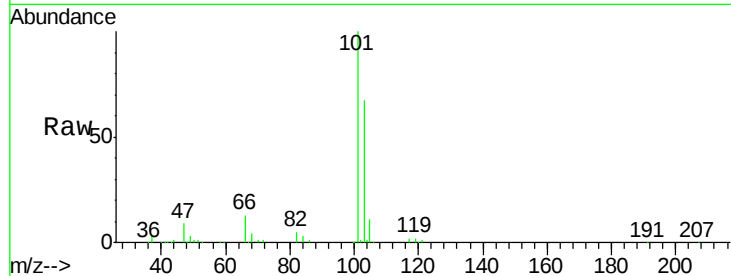
Trichlorofluoromethane
Concen: 47.677 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.3	79.9

Manual Integrations
APPROVED

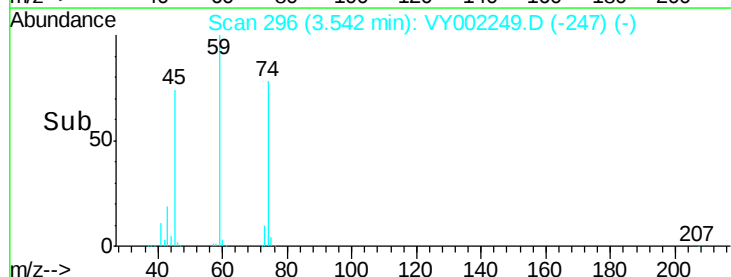
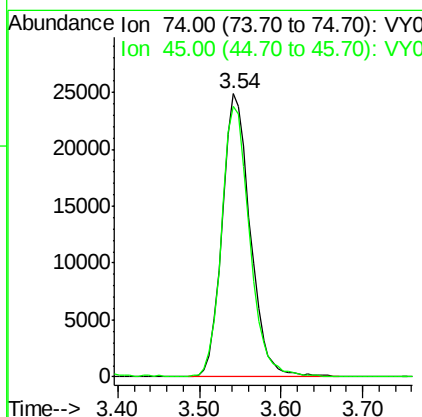
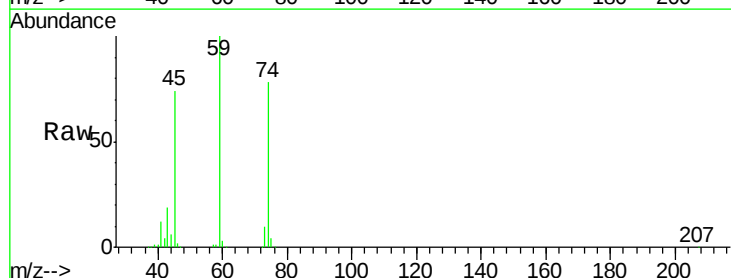
MMDadoda
4/9/2020 11:32:01 AM

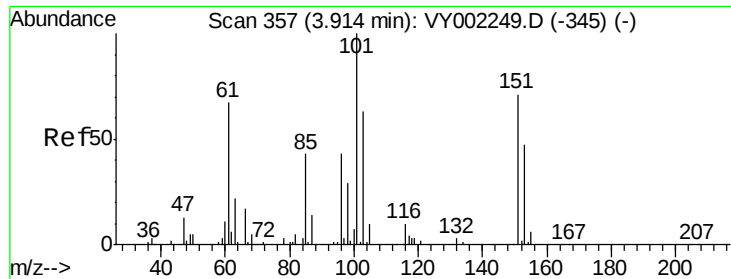


#8

Diethyl Ether
Concen: 48.835 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.0	144.2





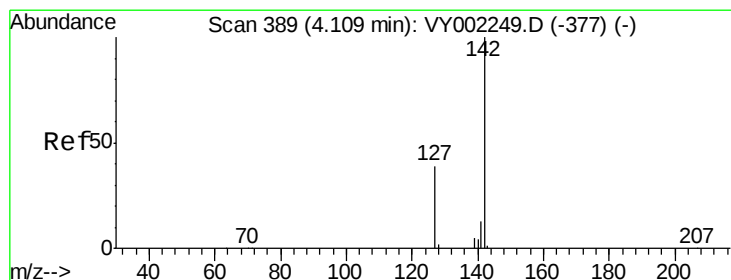
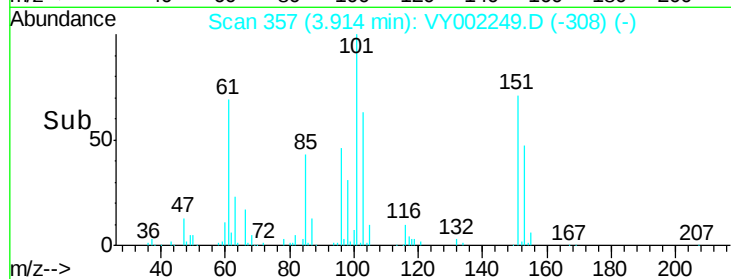
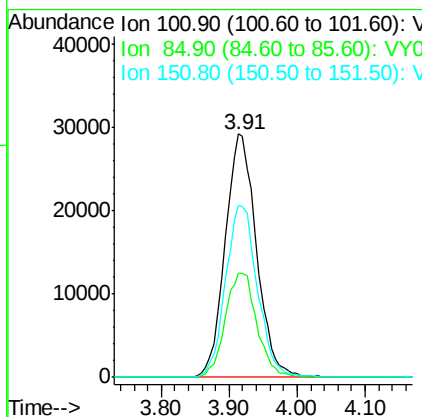
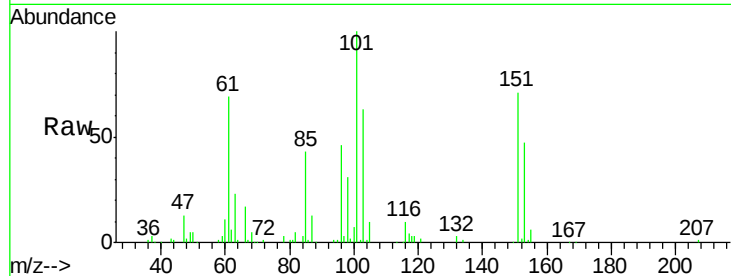
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.201 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.3	34.6	52.0
151	72.0	57.6	86.4

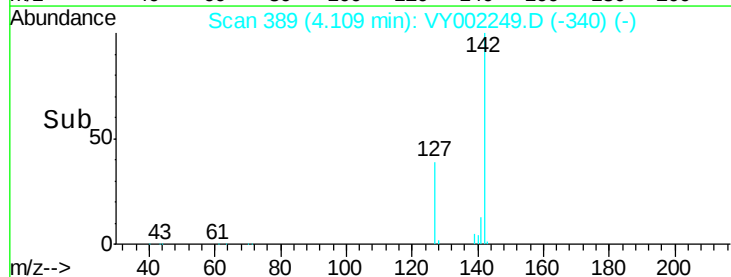
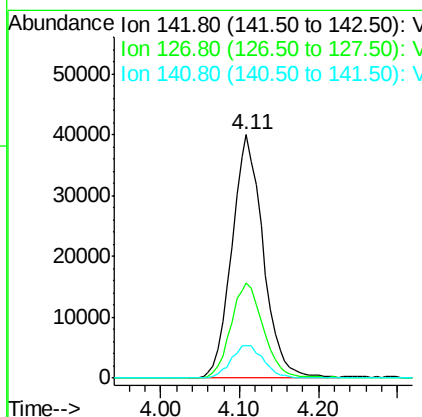
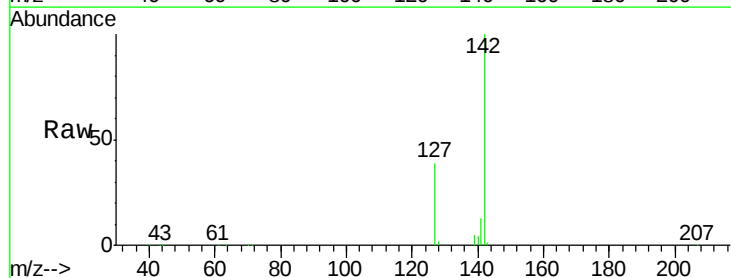
Manual Integrations
APPROVED

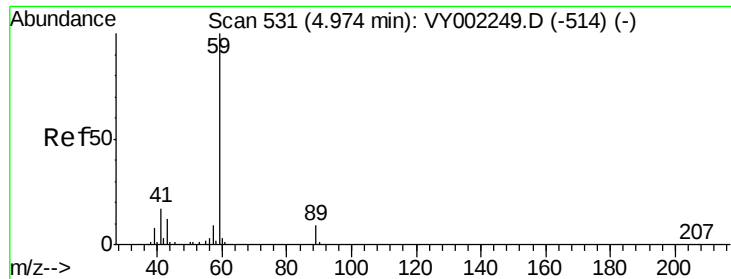
MMDadoda
4/9/2020 11:32:01 AM



#10
Methyl Iodide
Concen: 49.221 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.5	32.4	48.6
141	14.0	11.2	16.8





#11

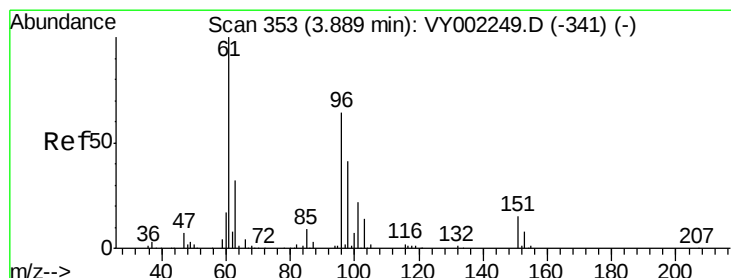
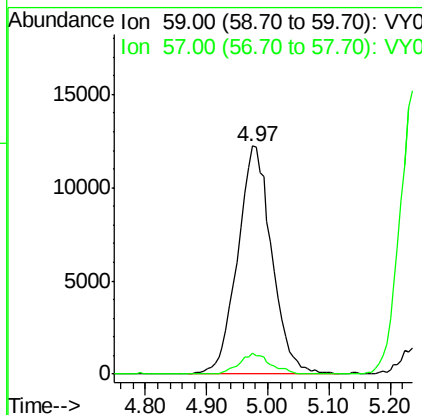
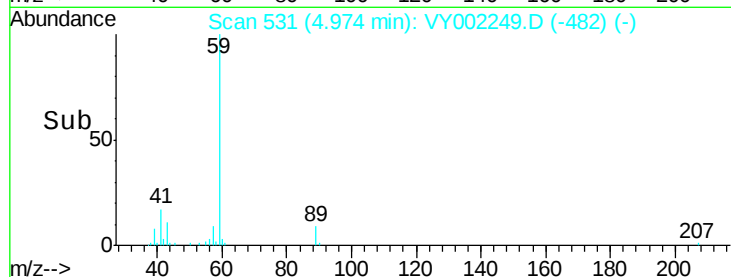
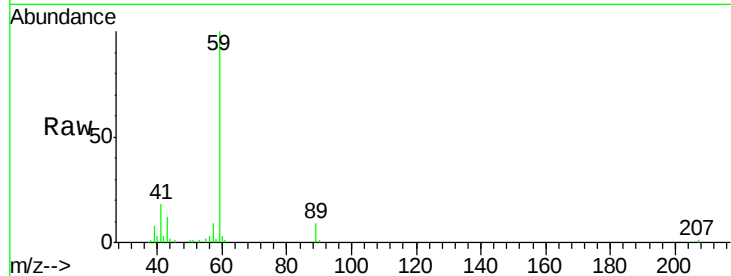
Tert butyl alcohol
 Concen: 199.131 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	47421
Ion Ratio	100	Lower	Upper
57	8.2	6.6	9.8

Manual Integrations
 APPROVED

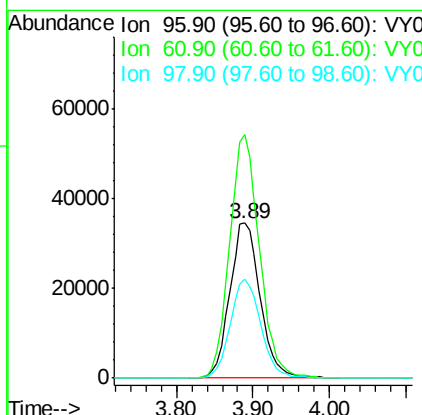
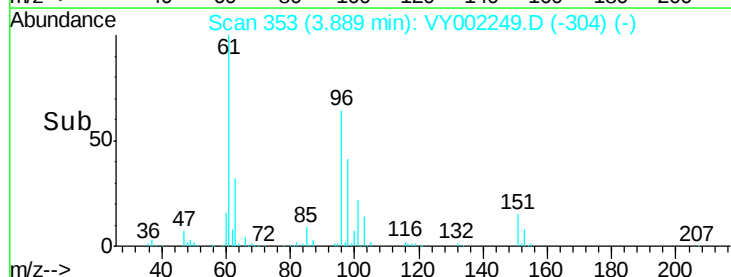
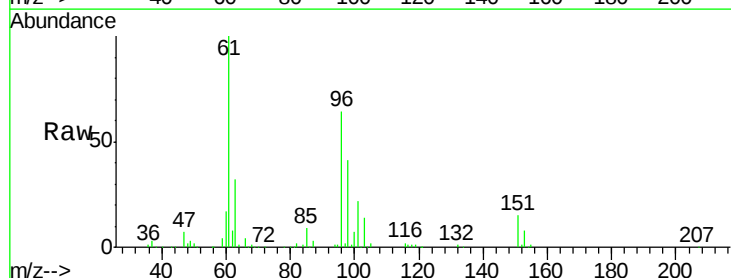
MMDadoda
 4/9/2020 11:32:01 AM

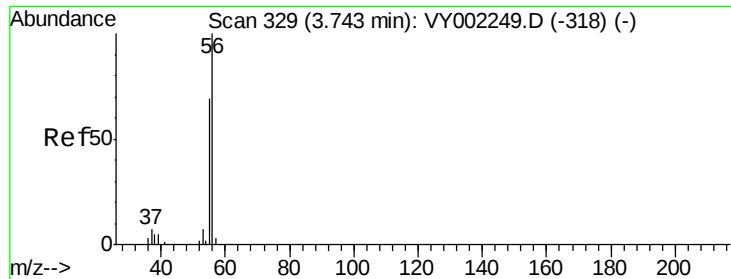


#12

1,1-Dichloroethene
 Concen: 48.402 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	96	Resp	95130
Ion Ratio	100	Lower	Upper
61	157.4	125.9	188.9
98	63.9	51.1	76.7





#13

Acrolein

Concen: 245.240 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 57237

Ion Ratio Lower Upper

56 100

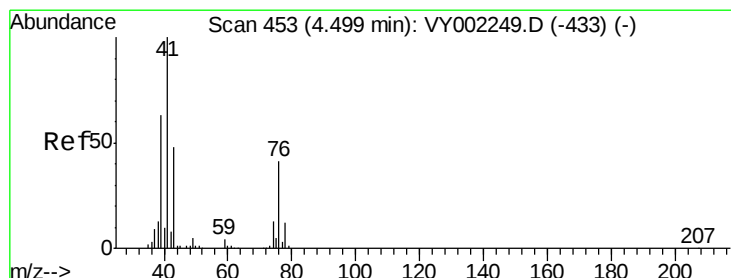
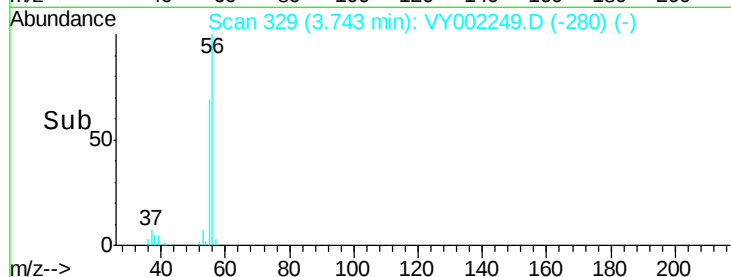
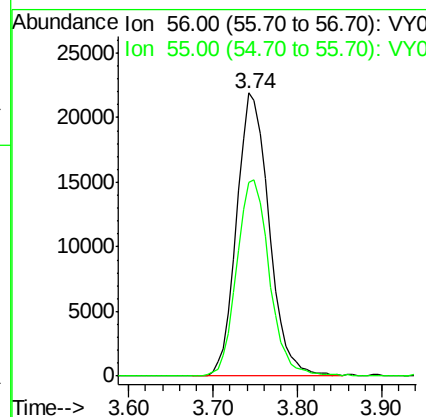
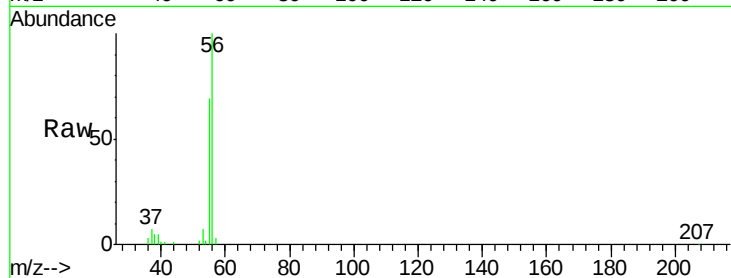
55 69.8 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM



#14

Allyl chloride

Concen: 49.455 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

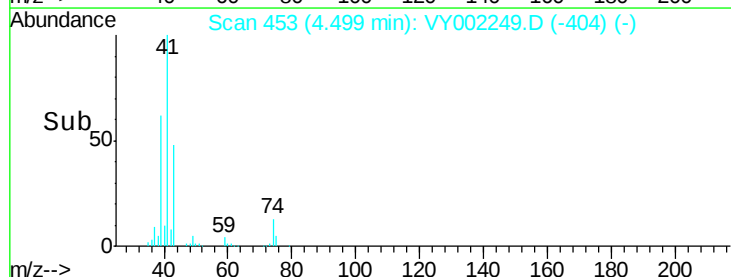
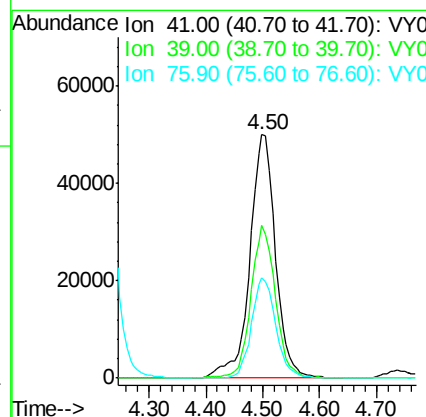
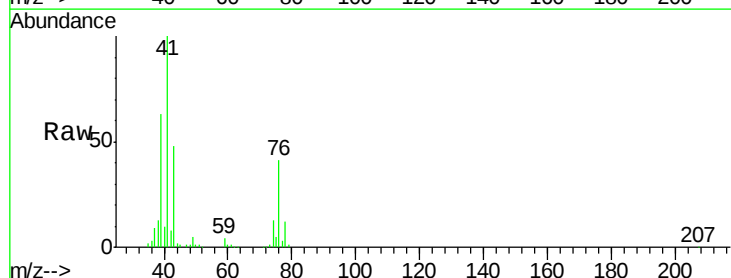
Tgt Ion: 41 Resp: 156960

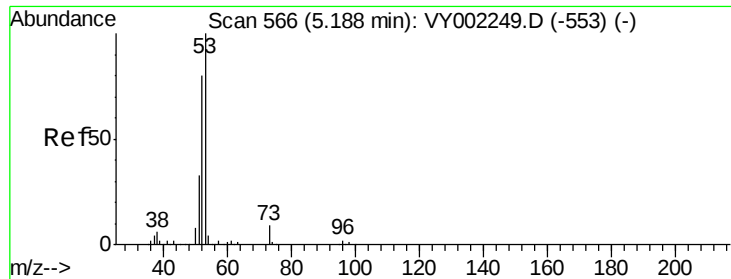
Ion Ratio Lower Upper

41 100

39 60.0 48.0 72.0

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 241.677 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

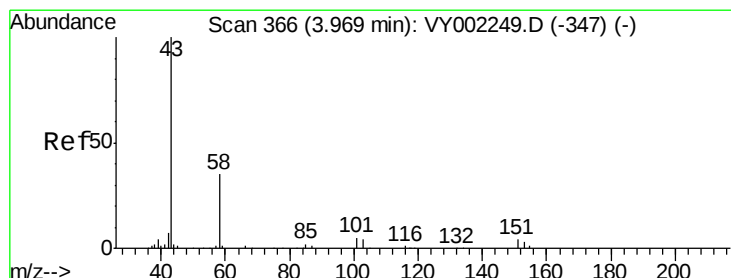
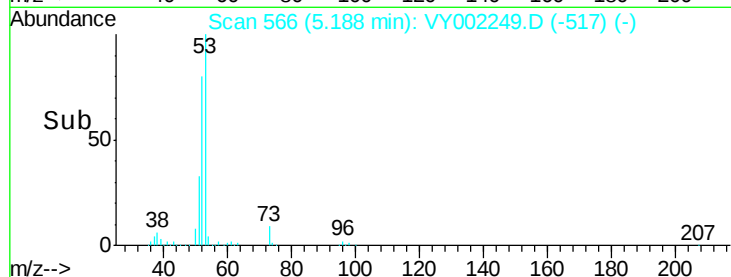
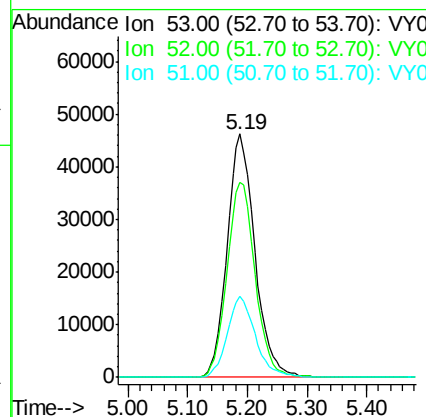
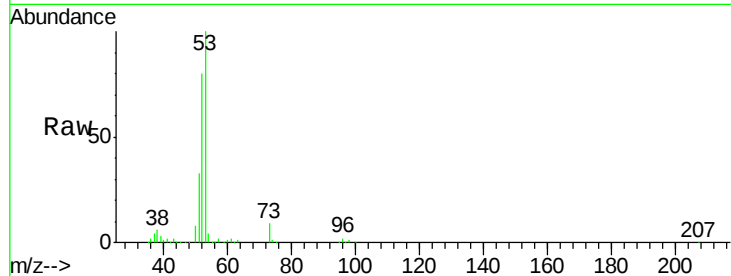
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	149526
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	33.9	27.1	40.7

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#16

Acetone

Concen: 255.759 ug/l

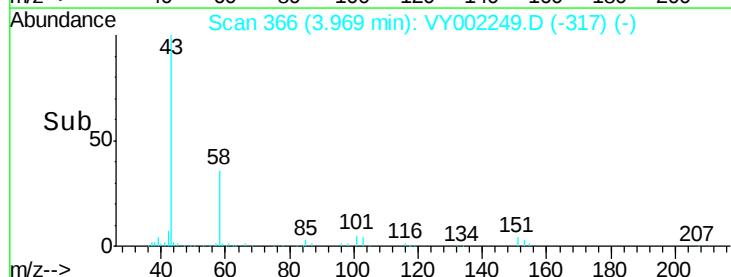
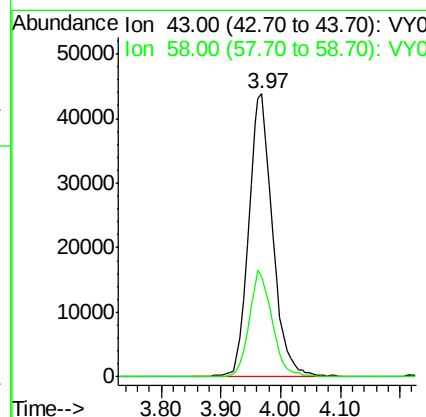
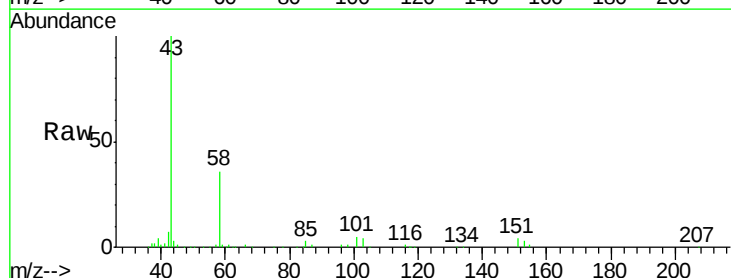
RT: 3.97 min Scan# 366

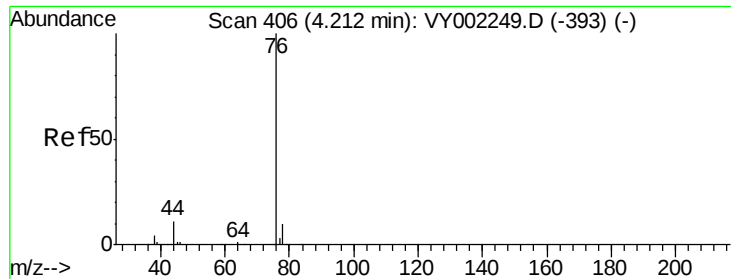
Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Tgt Ion:	43	Resp:	121934
Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.5	42.7





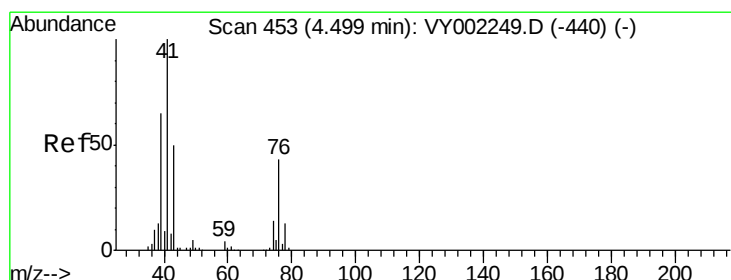
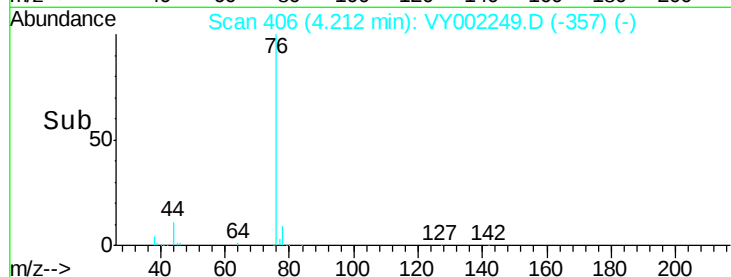
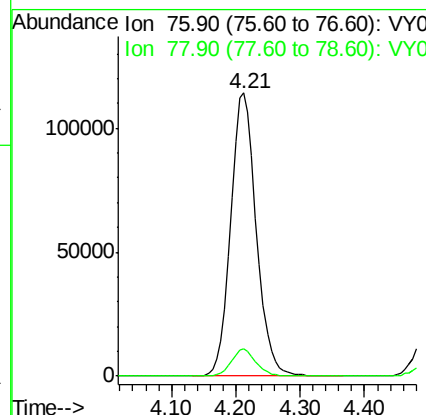
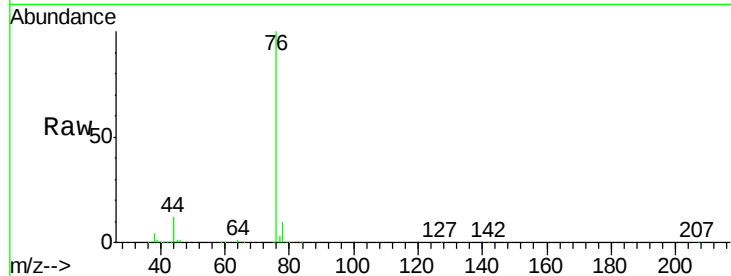
#17
Carbon Disulfide
Concen: 48.805 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.7	11.5

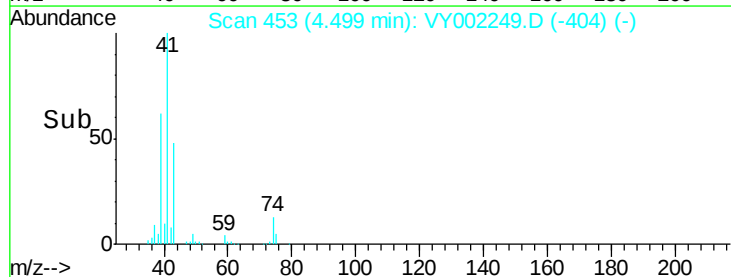
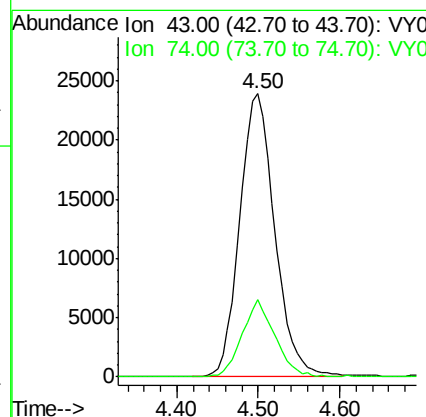
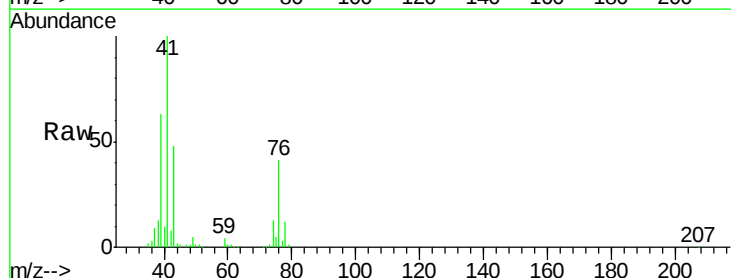
Manual Integrations
APPROVED

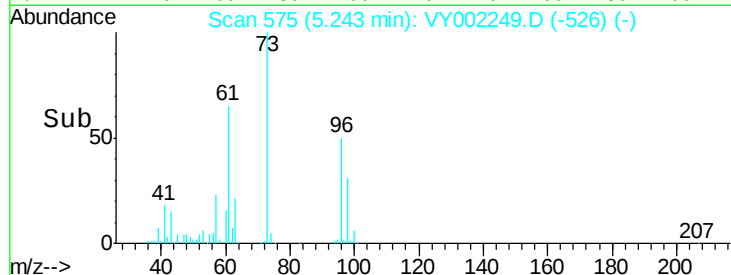
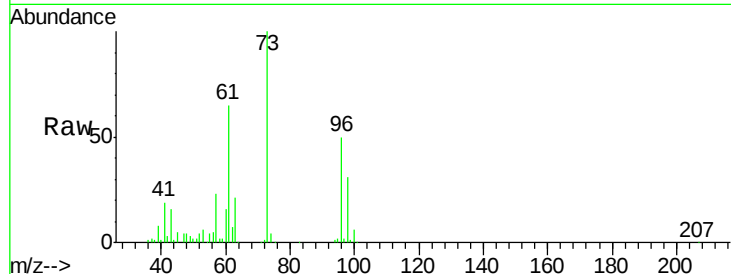
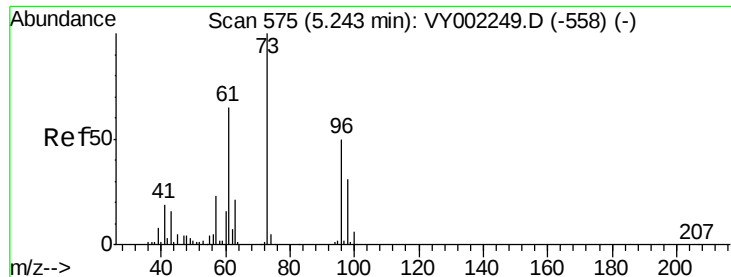
MMDadoda
4/9/2020 11:32:01 AM



#18
Methyl Acetate
Concen: 48.210 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.3	30.5





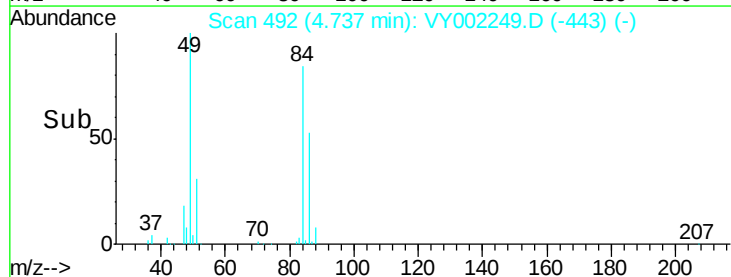
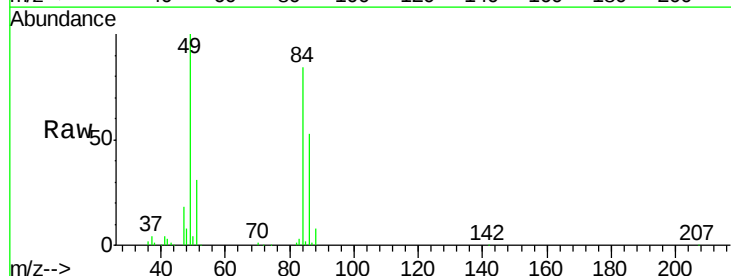
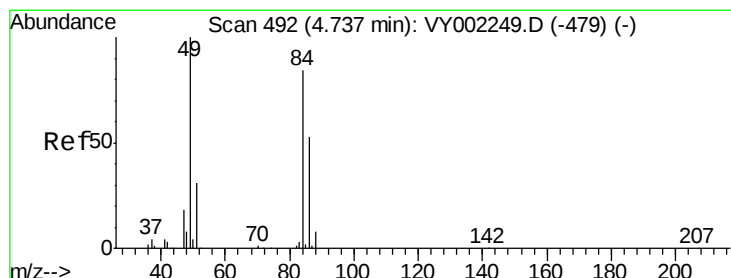
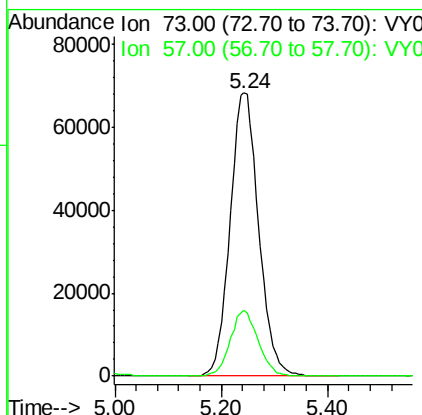
#19
Methyl tert-butyl Ether
Concen: 49.290 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tot Ion	Ratio	Resp	Lower	Upper
73	100	254680		
57	23.4		18.7	28.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

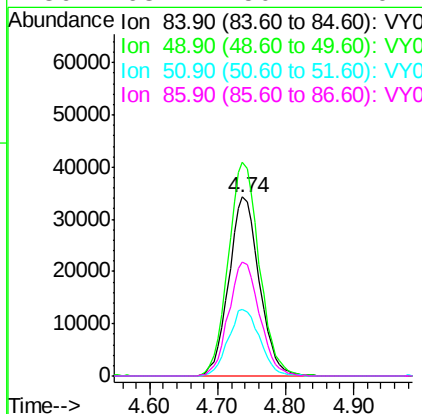
Manual Integrations
APPROVED

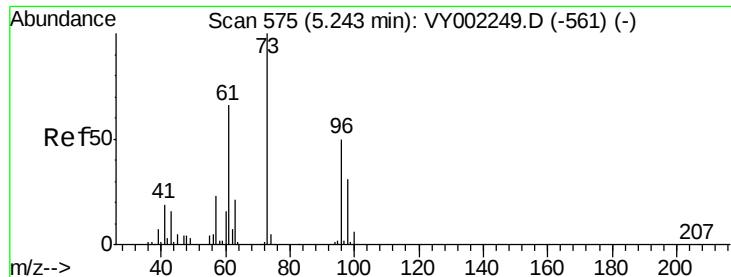
MMDadoda
4/9/2020 11:32:01 AM



#20
Methylene Chloride
Concen: 45.661 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	106997		
49	119.4		95.5	143.3
51	36.9		29.5	44.3
86	63.4		50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 48.439 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

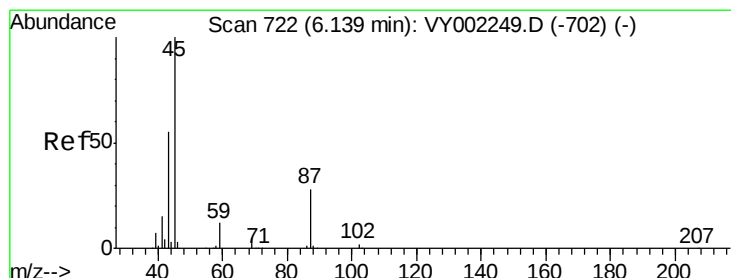
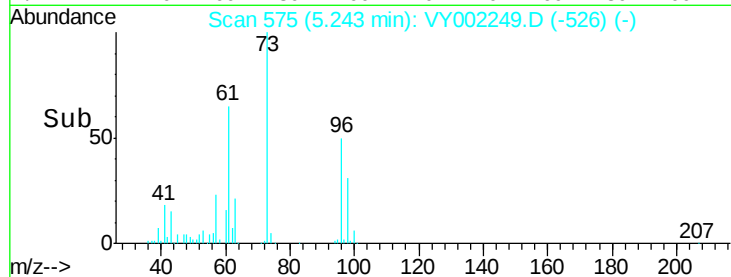
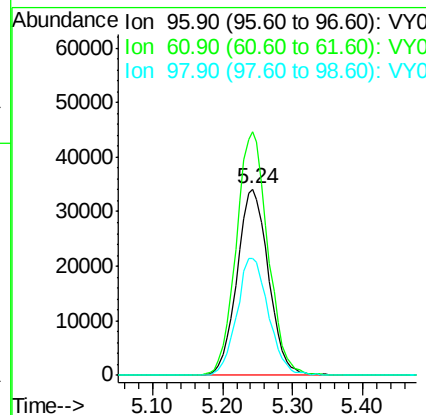
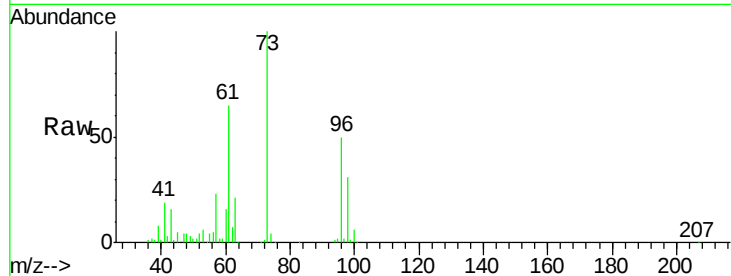
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	106860
Ion	Ratio	Lower	Upper
96	100		
61	130.8	104.6	157.0
98	62.6	50.1	75.1

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#22

Diisopropyl ether

Concen: 49.368 ug/l

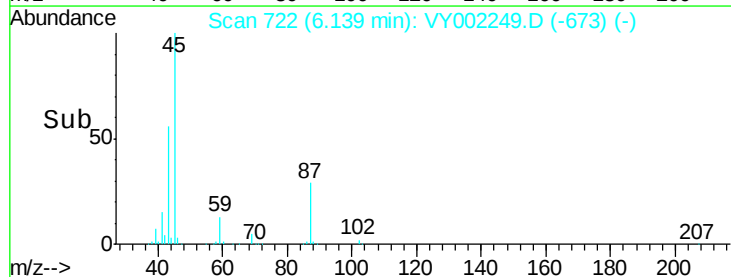
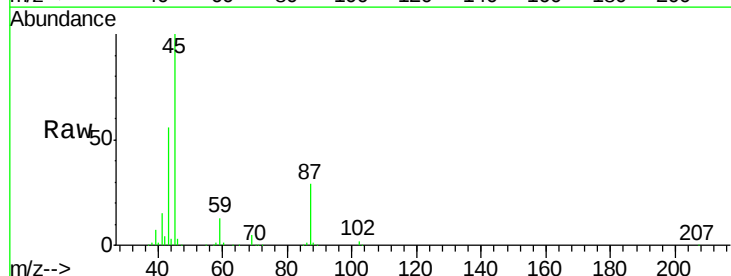
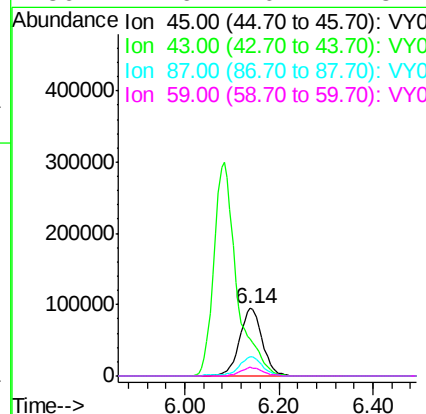
RT: 6.14 min Scan# 722

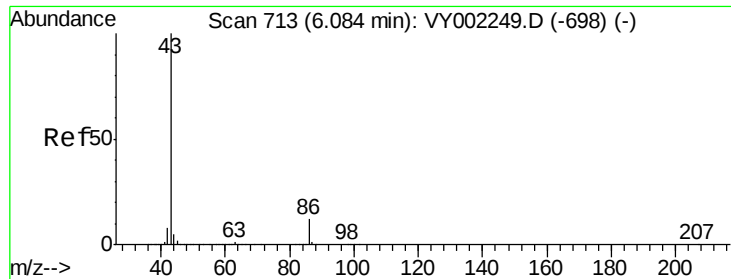
Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Tgt Ion:	45	Resp:	315319
Ion	Ratio	Lower	Upper
45	100		
43	55.9	44.7	67.1
87	28.7	23.0	34.4
59	12.6	10.1	15.1





#23

Vinyl Acetate

Concen: 246.851 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1004745

Ion Ratio Lower Upper

43 100

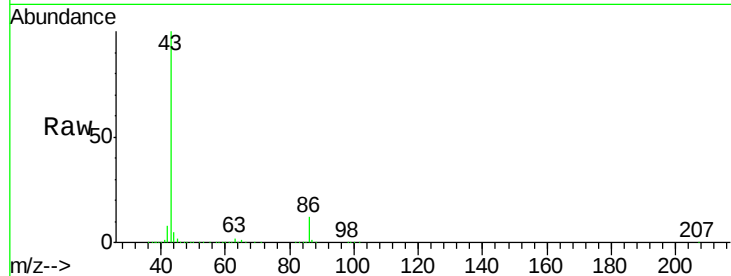
86 11.5 9.2 13.8

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

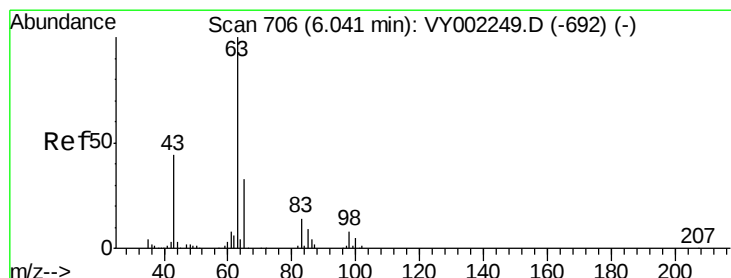
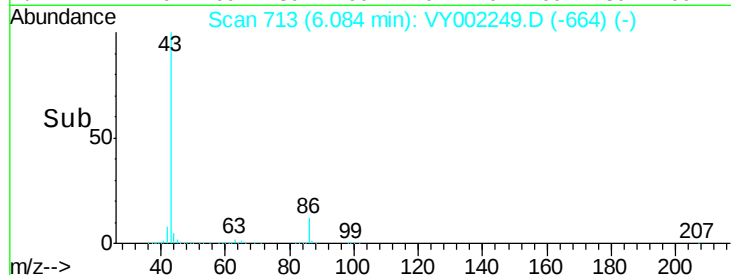
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.792 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

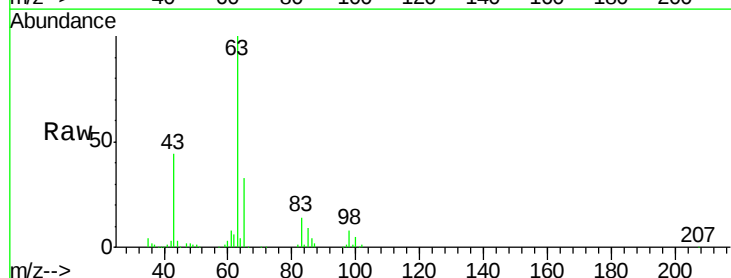
Tgt Ion: 63 Resp: 177256

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

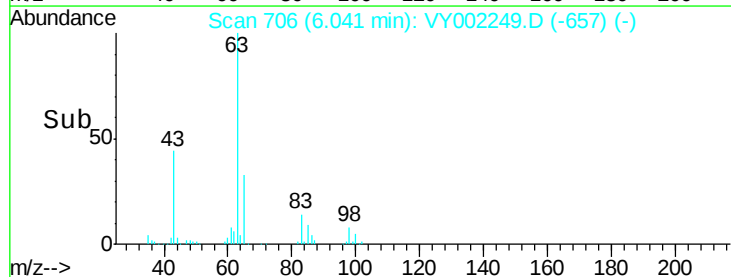
60000

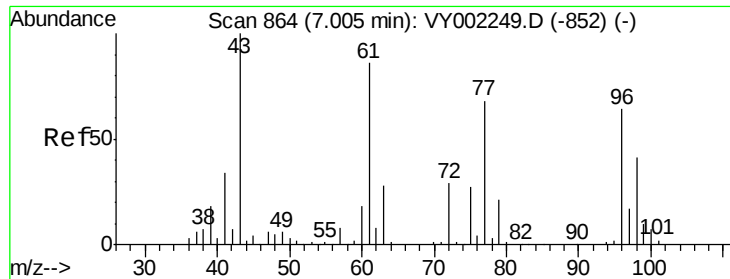
40000

20000

0

Time-->





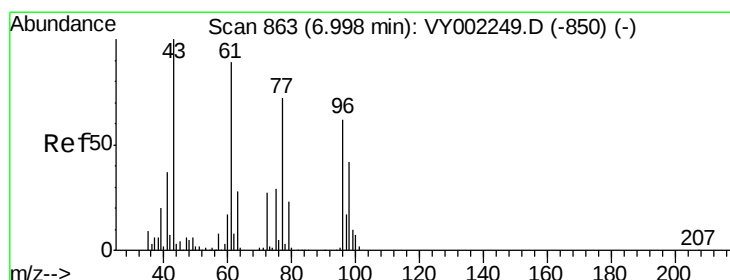
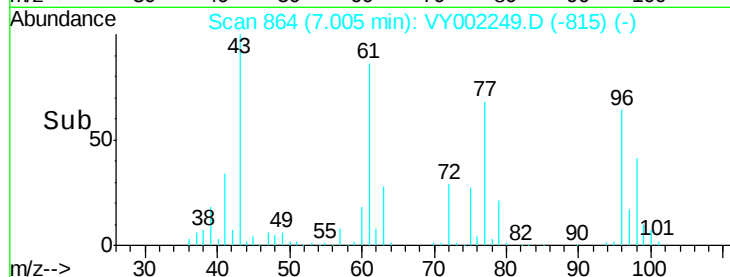
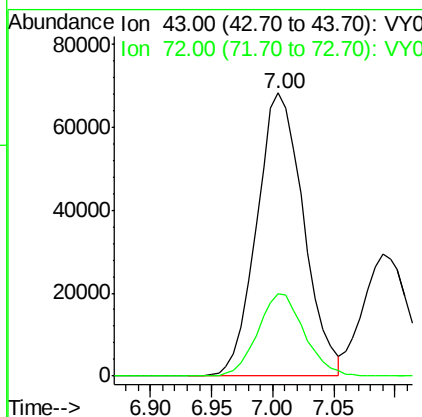
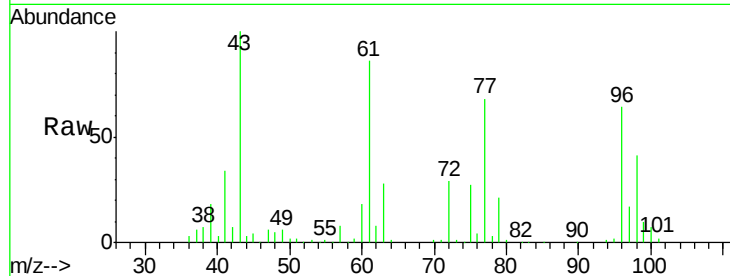
#25
2-Butanone
Concen: 241.513 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 182218
Ion Ratio Lower Upper
43 100
72 29.0 23.2 34.8

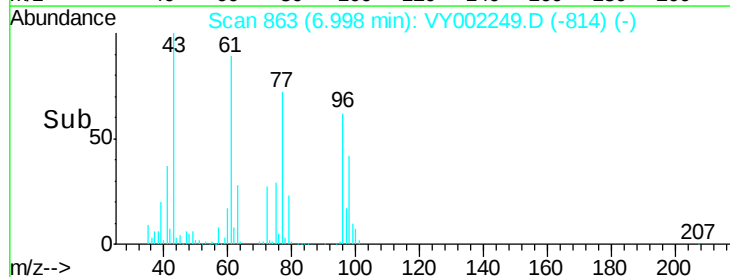
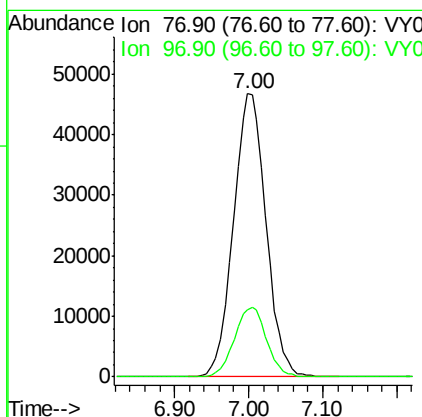
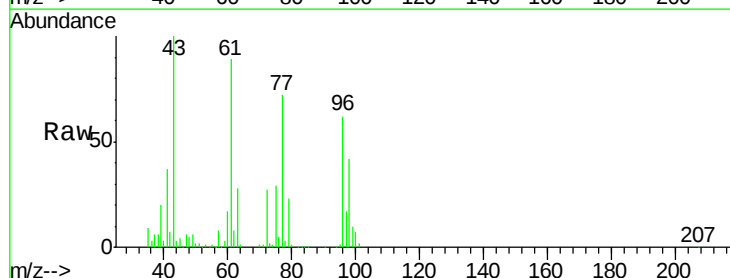
Manual Integrations
APPROVED

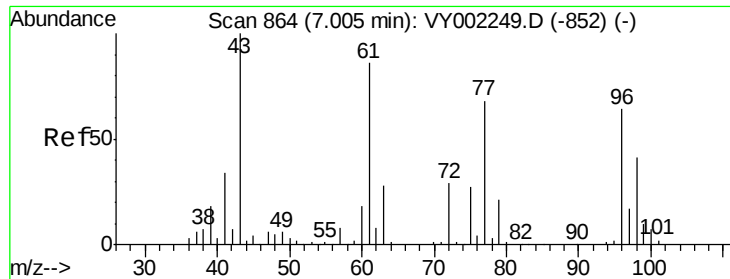
MMDadoda
4/9/2020 11:32:01 AM



#26
2,2-Dichloropropane
Concen: 47.086 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion: 77 Resp: 143094
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

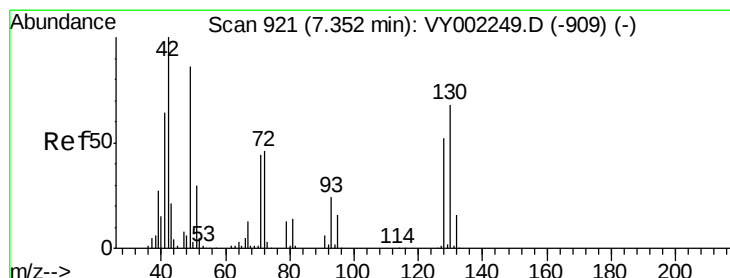
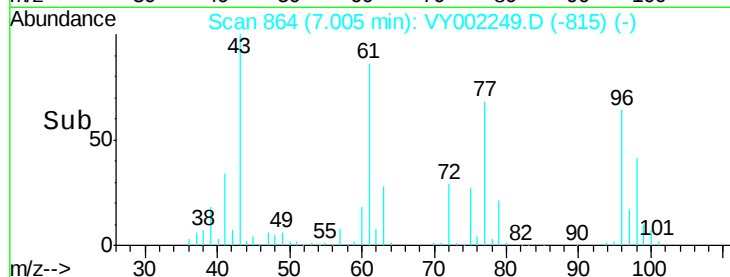
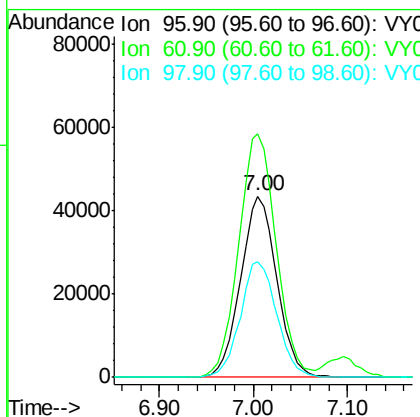
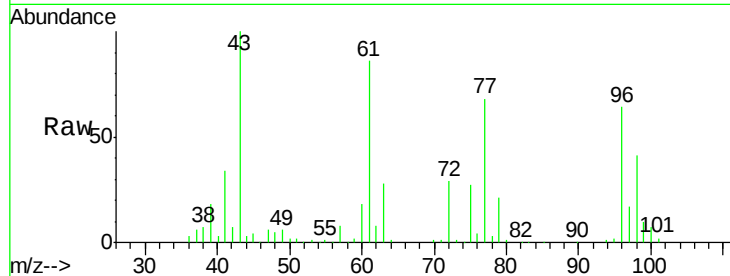
cis-1,2-Dichloroethene
Concen: 48.602 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.0	0.0	278.0	
98	64.3	0.0	128.6	

Manual Integrations
APPROVED

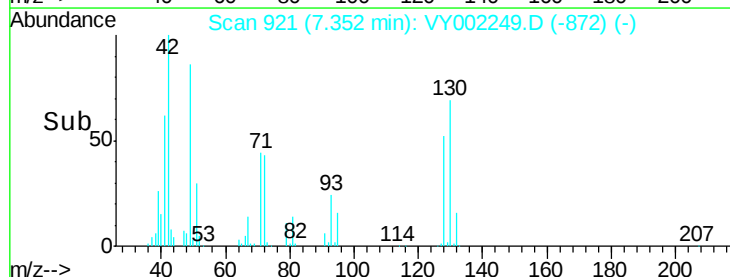
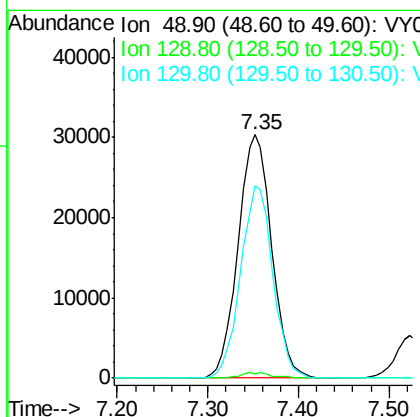
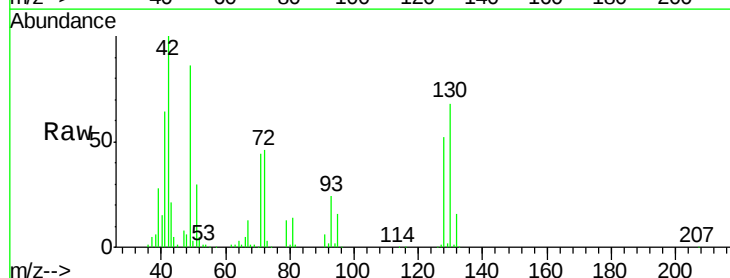
MMDadoda
4/9/2020 11:32:01 AM

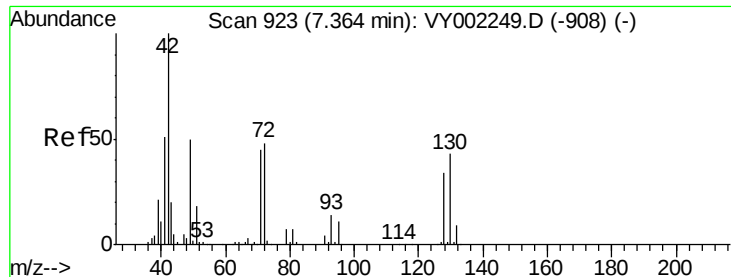


#28

Bromochloromethane
Concen: 49.535 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	76.1	60.9	91.3	





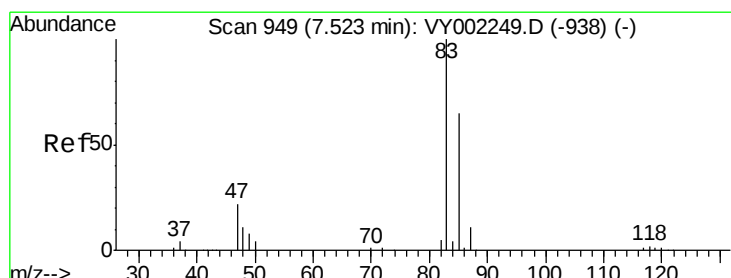
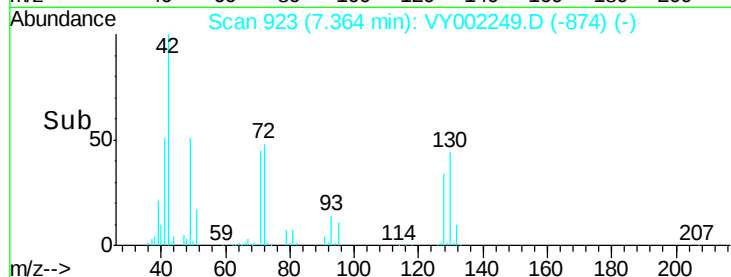
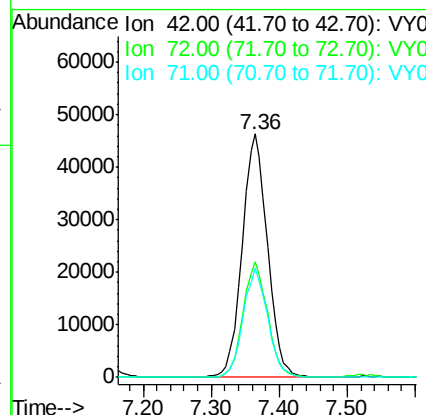
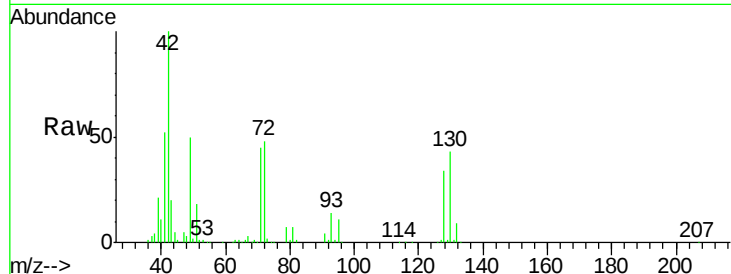
#29
Tetrahydrofuran
Concen: 239.814 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.7	55.1
71	43.4	34.7	52.1

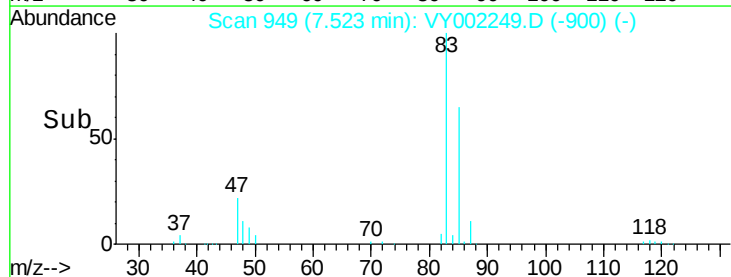
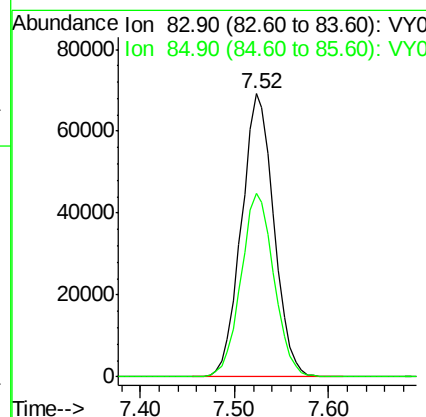
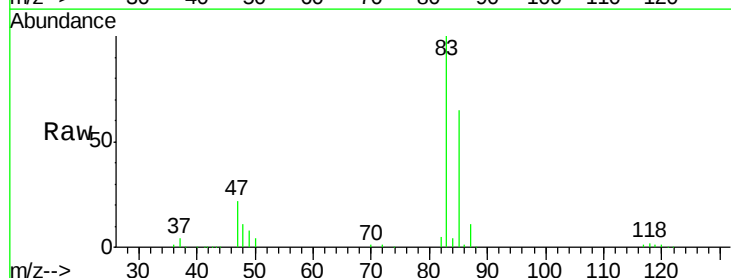
Manual Integrations
APPROVED

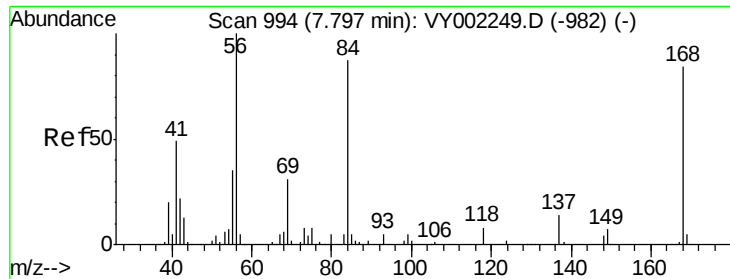
MMDadoda
4/9/2020 11:32:01 AM



#30
Chloroform
Concen: 48.577 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





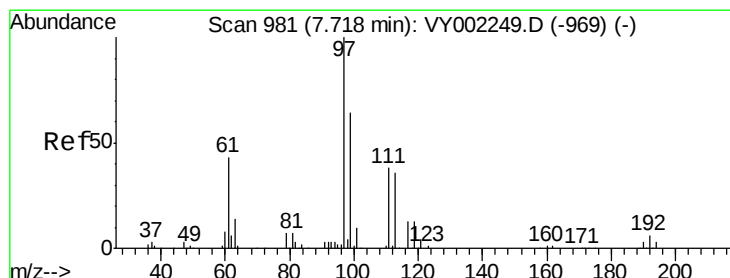
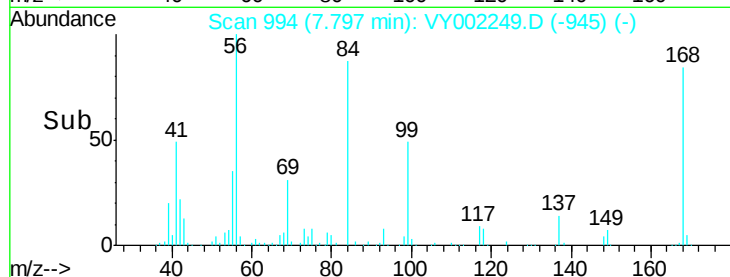
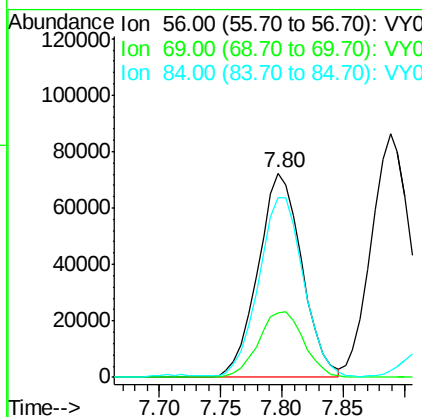
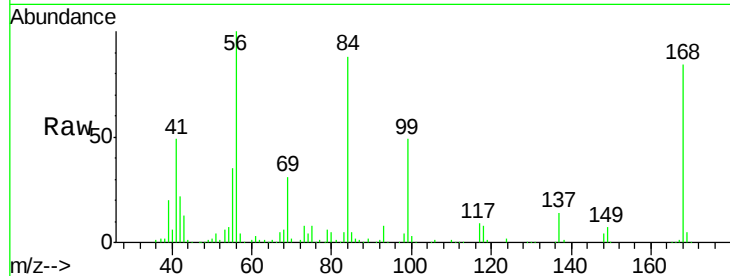
#31
Cyclohexane
Concen: 47.335 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	87.1	69.7	104.5

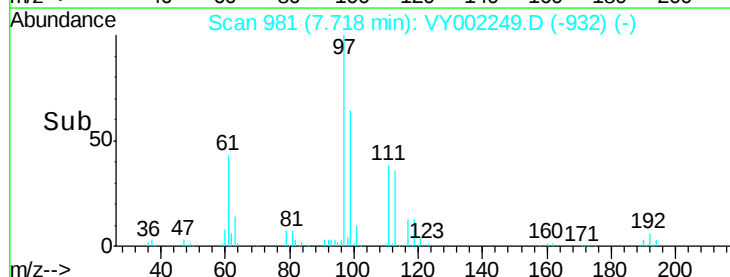
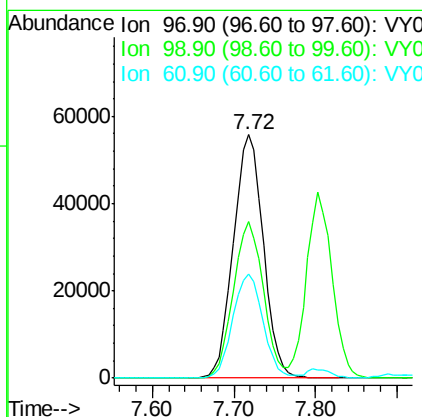
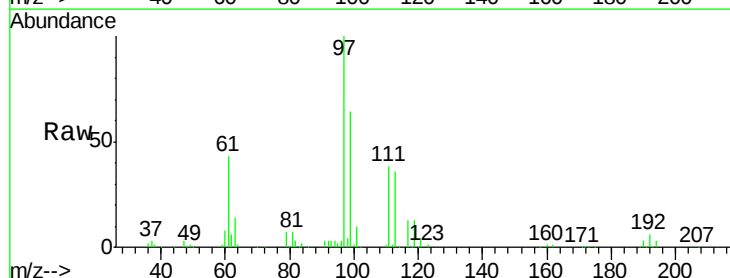
Manual Integrations
APPROVED

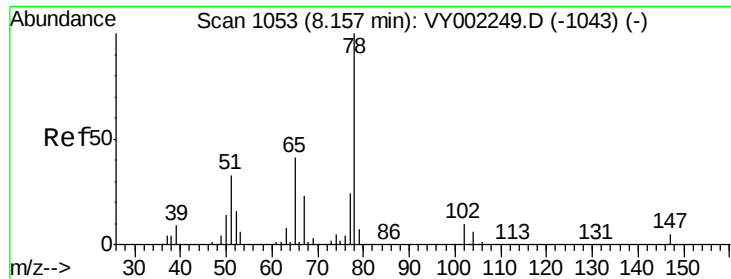
MMDadoda
4/9/2020 11:32:01 AM



#32
1,1,1-Trichloroethane
Concen: 49.579 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	42.9	34.3	51.5





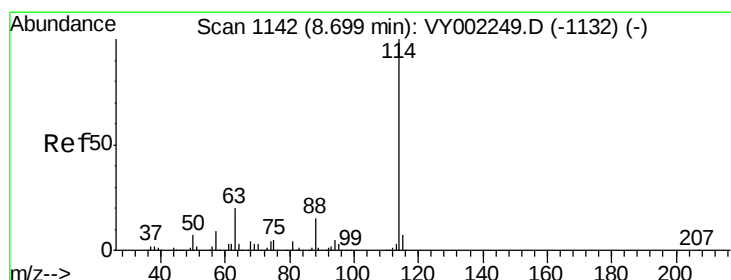
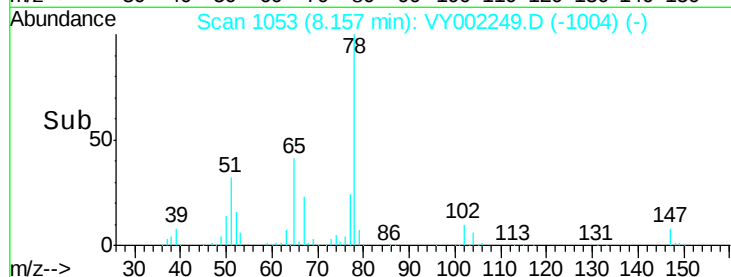
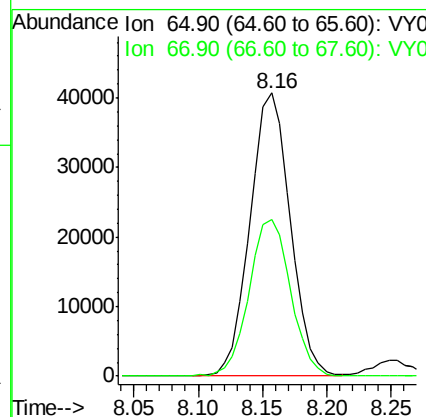
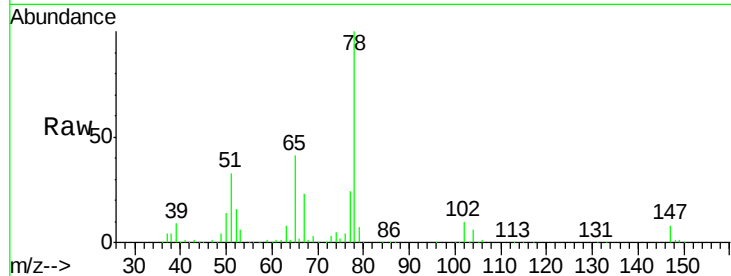
#33
 1,2-Dichloroethane-d4
 Concen: 48.645 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	88054		
67	57.0	0.0	114.0	

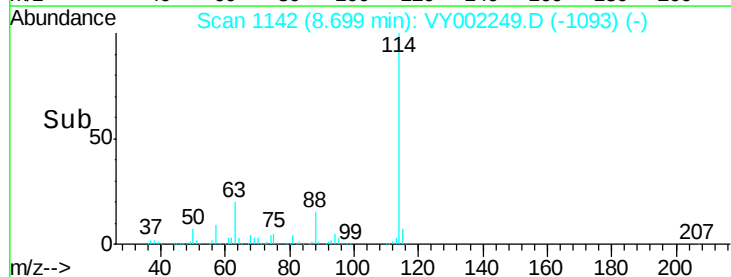
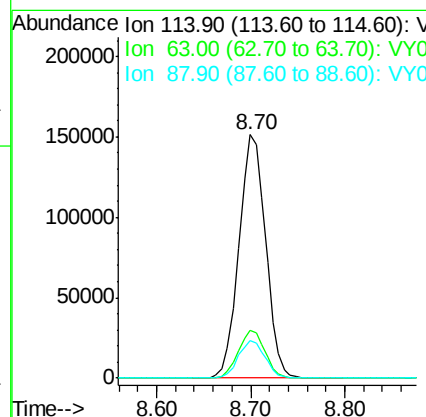
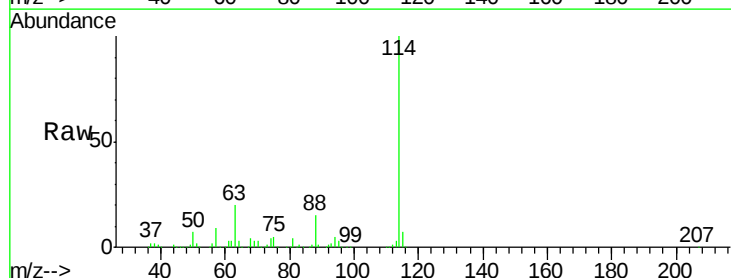
Manual Integrations
 APPROVED

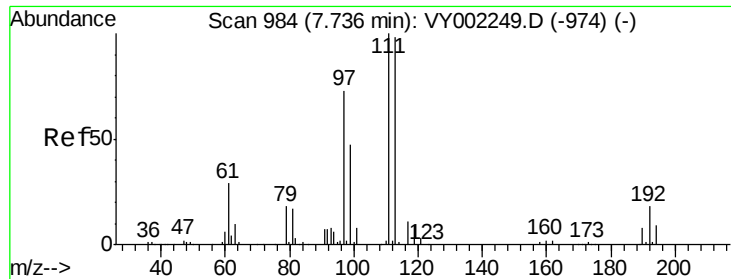
MMDadoda
 4/9/2020 11:32:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	297521		
63	19.5	0.0	39.0	
88	15.5	0.0	31.0	





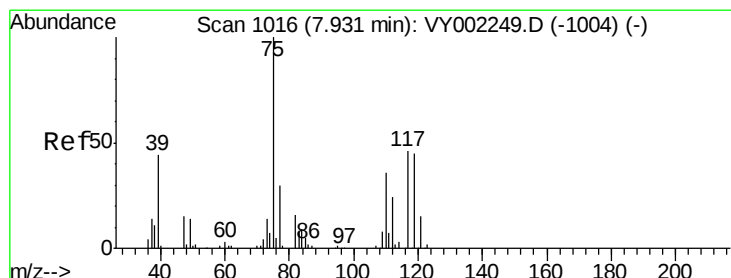
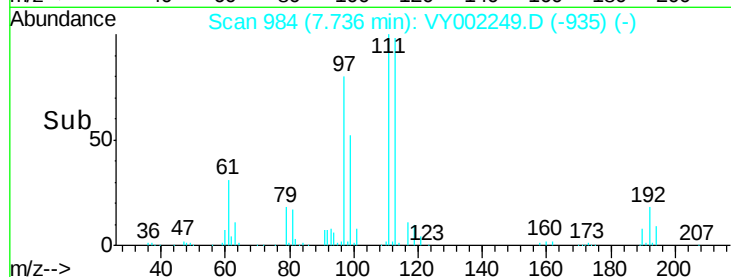
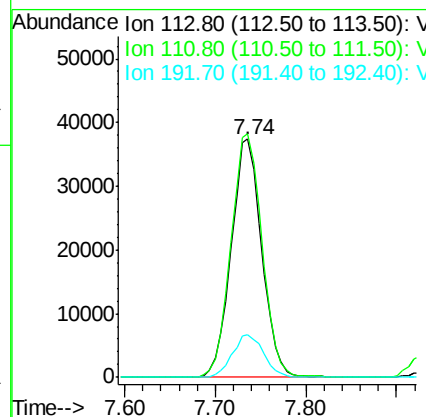
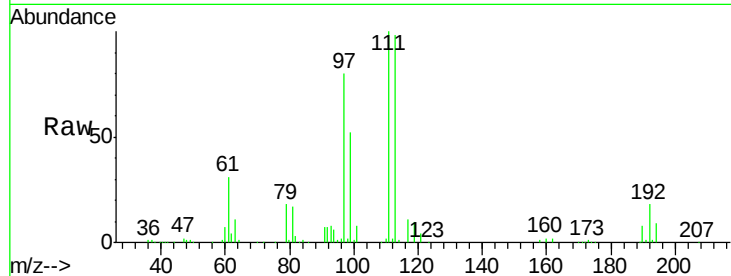
#35
 Dibromofluoromethane
 Concen: 49.366 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	87395		
111	104.4		83.5	125.3
192	18.4		14.7	22.1

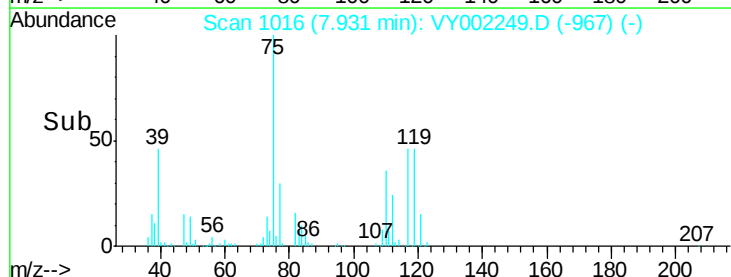
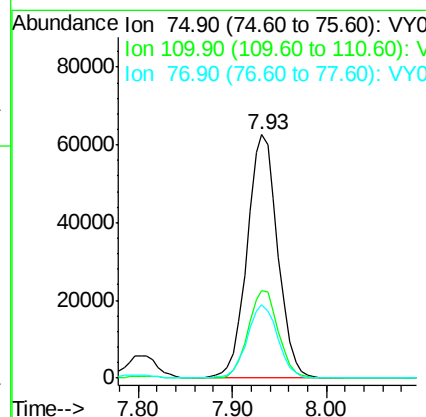
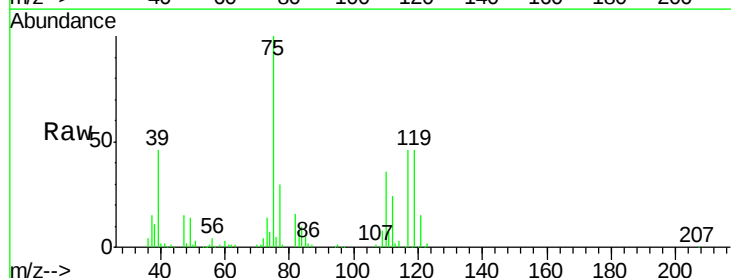
Manual Integrations
 APPROVED

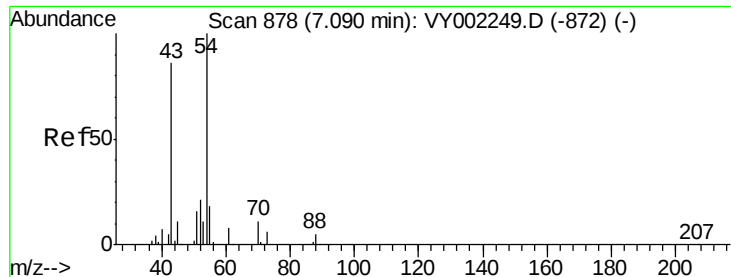
MMDadoda
 4/9/2020 11:32:01 AM



#36
 1,1-Dichloropropene
 Concen: 48.569 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142334		
110	35.5		17.8	53.3
77	30.5		24.4	36.6





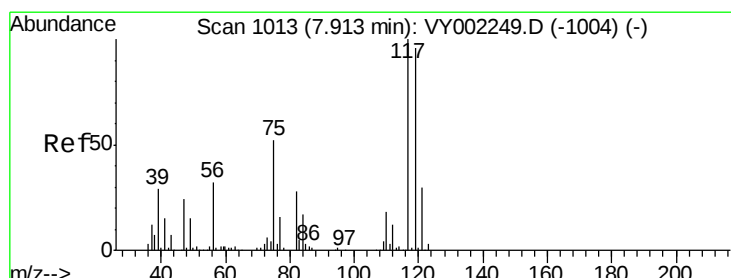
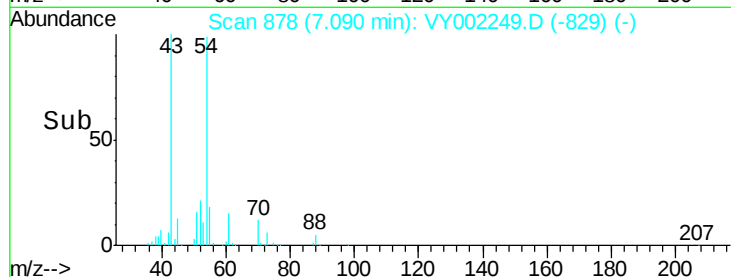
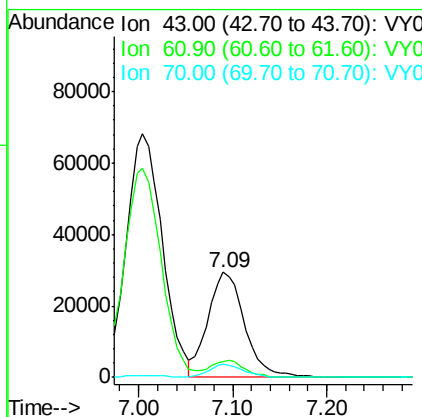
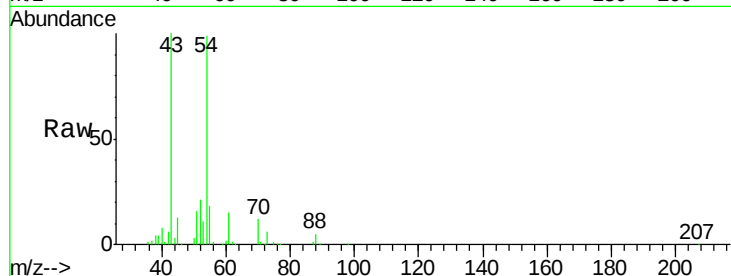
#37
Ethyl Acetate
Concen: 47.417 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.6
70	11.4	9.1	13.7

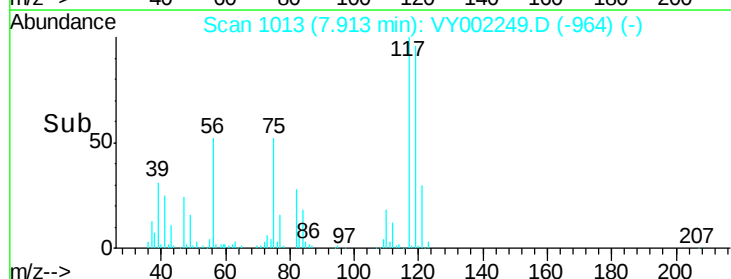
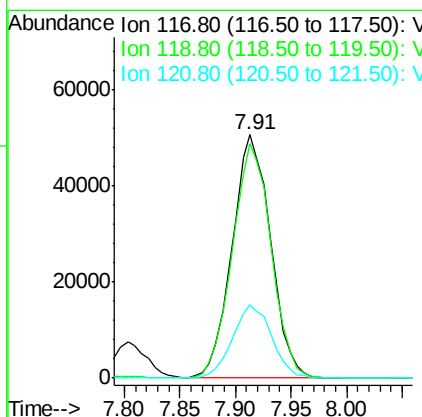
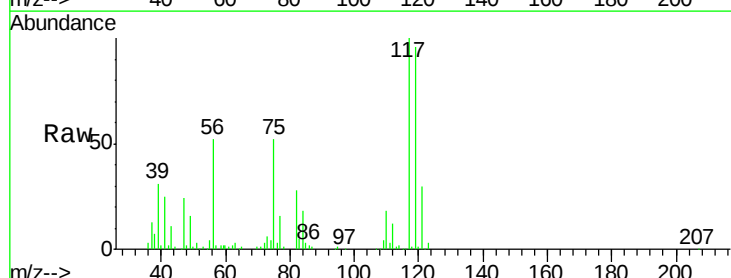
Manual Integrations
APPROVED

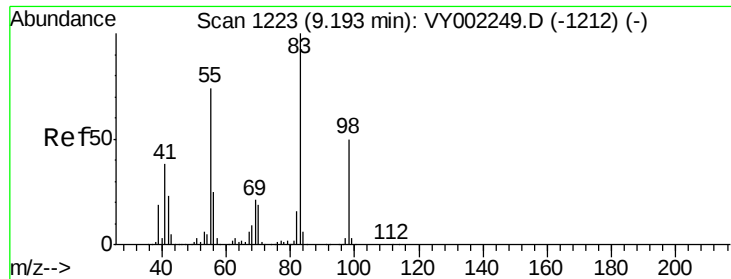
MMDadoda
4/9/2020 11:32:01 AM



#38
Carbon Tetrachloride
Concen: 48.434 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
121	29.9	23.9	35.9





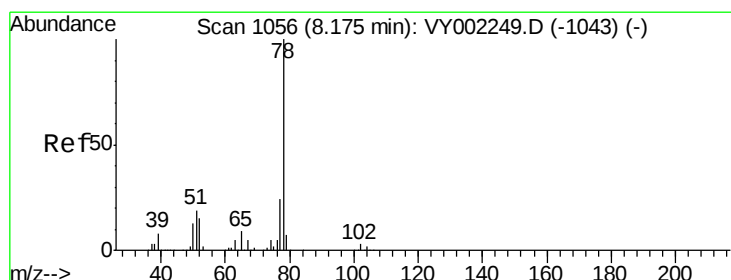
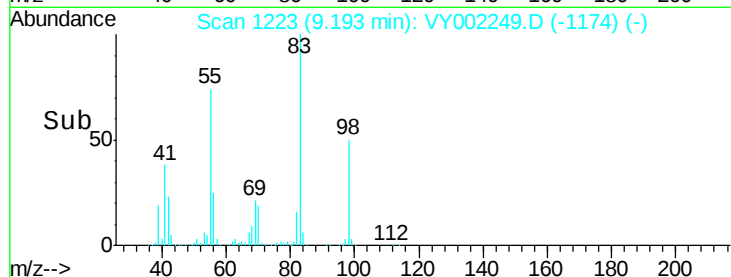
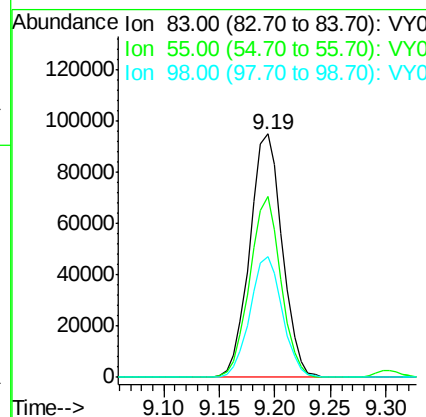
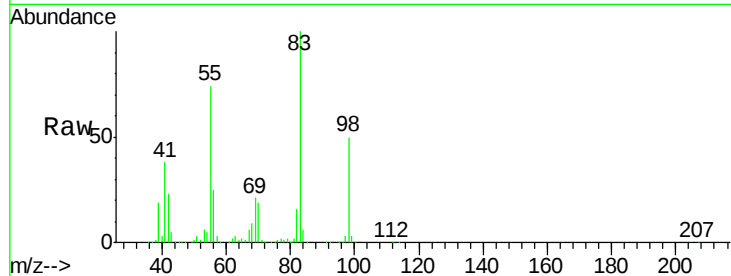
#39
Methvlcvclohexane
Concen: 48.333 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.3	88.9
98	49.5	39.6	59.4

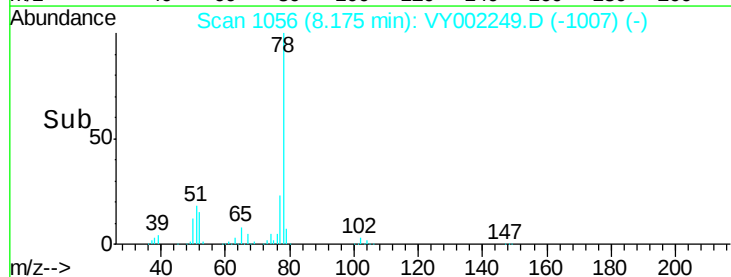
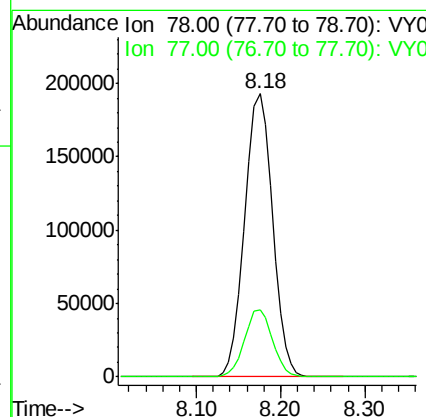
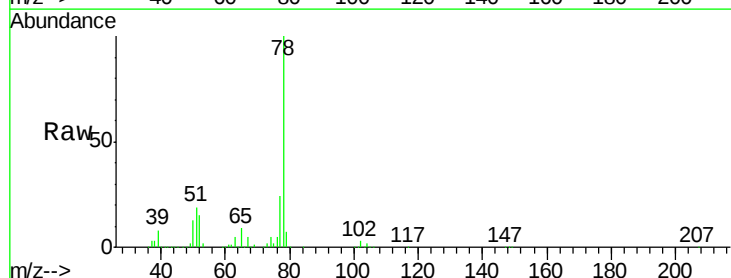
Manual Integrations
APPROVED

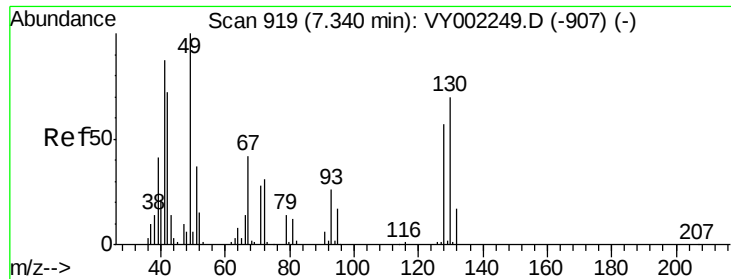
MMDadoda
4/9/2020 11:32:01 AM



#40
Benzene
Concen: 48.531 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





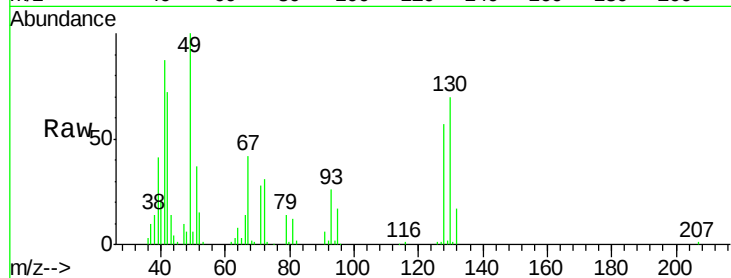
#41
Methacrylonitrile
Concen: 38.686 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

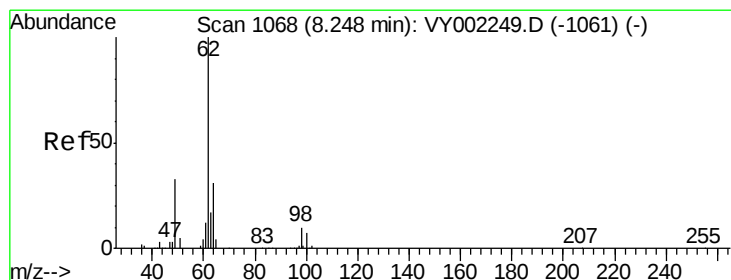
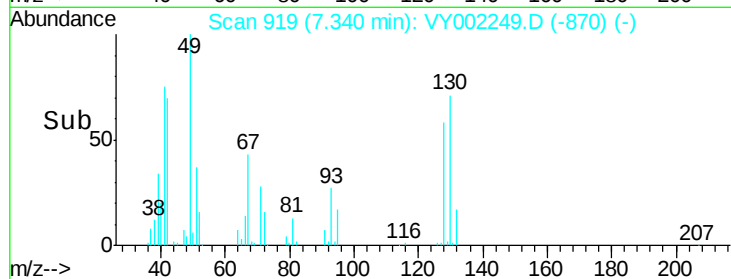
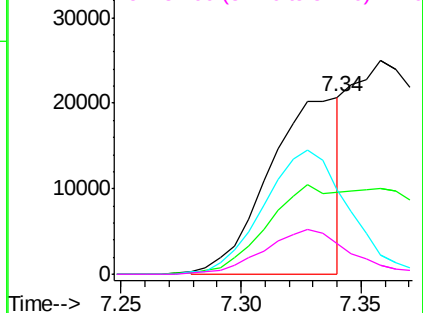
Tot Ion	41	Resp	42787
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM

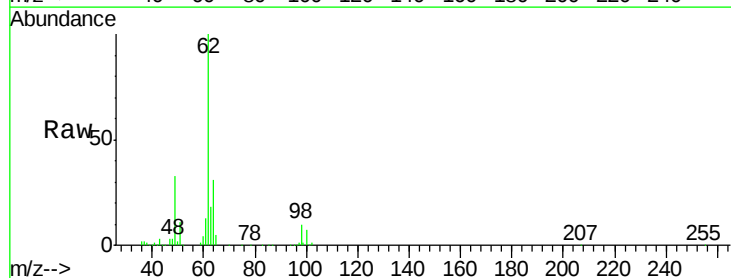


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

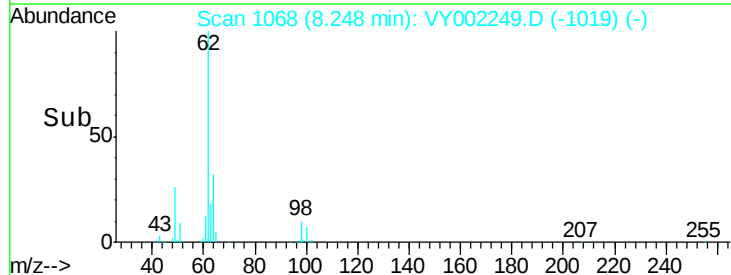
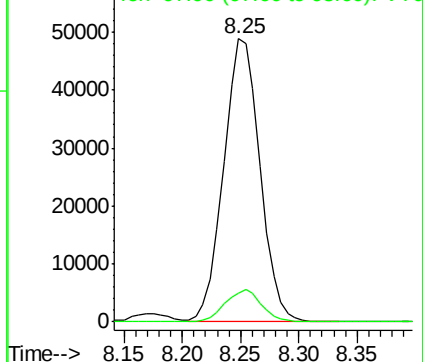


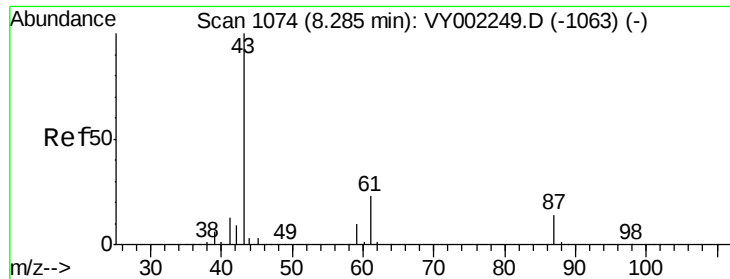
#42
1,2-Dichloroethane
Concen: 48.056 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	62	Resp	105842
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 48.131 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

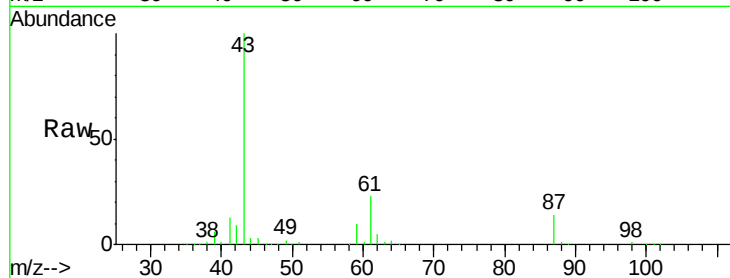
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	146957
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.9	37.3
87	14.6	11.7	17.5

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM

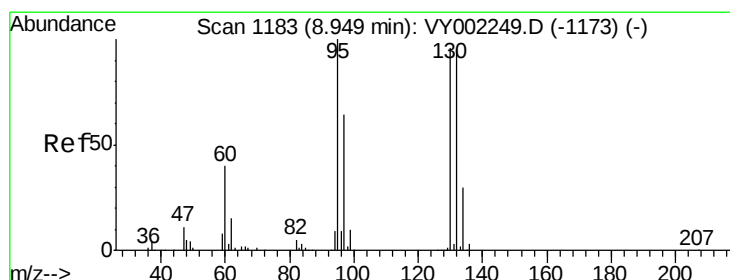
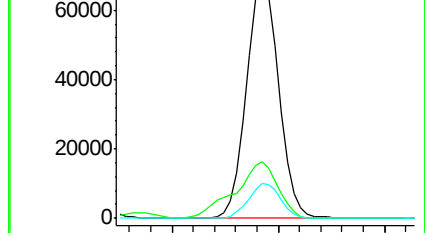
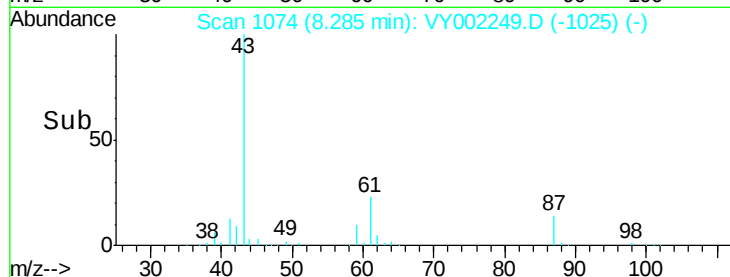


Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)

Time-->



#44

Trichloroethene

Concen: 47.626 ug/l

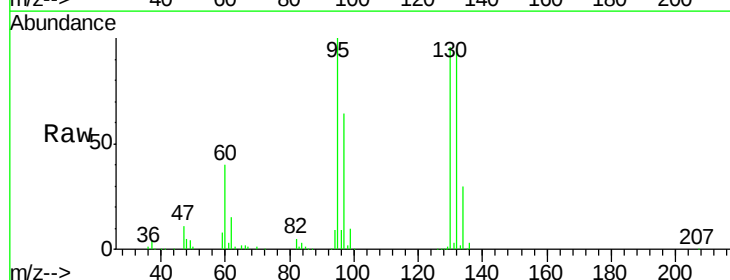
RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

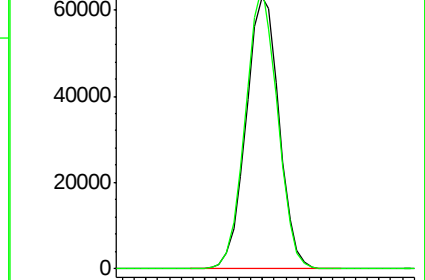
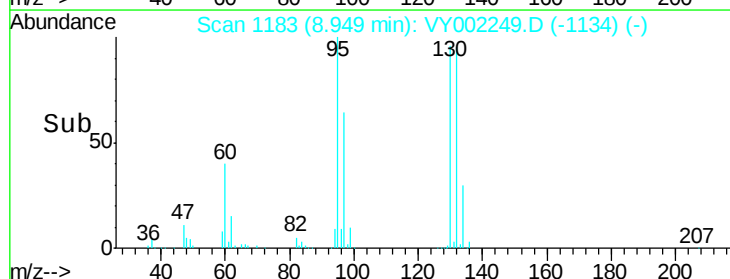
Tgt Ion:	130	Resp:	124497
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	208.2

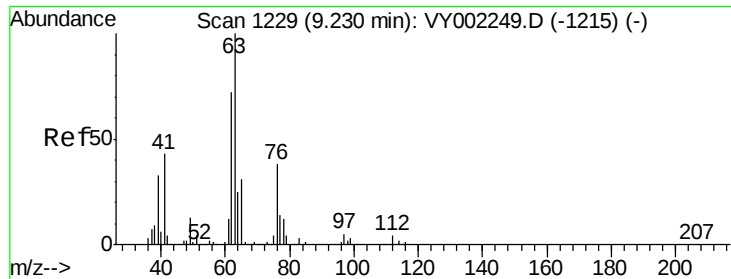


Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 48.436 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 106854

Ion Ratio Lower Upper

63 100

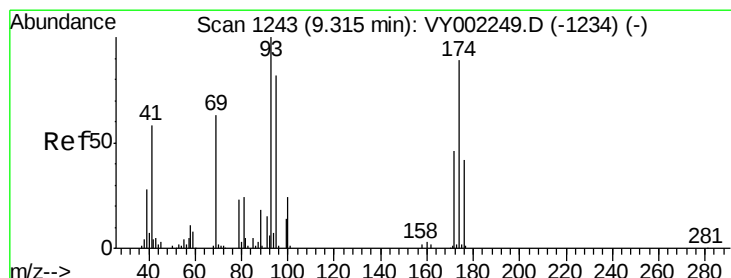
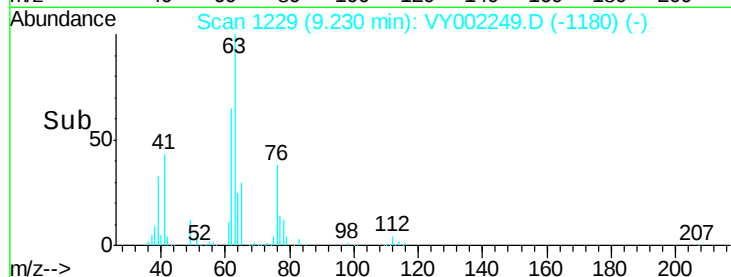
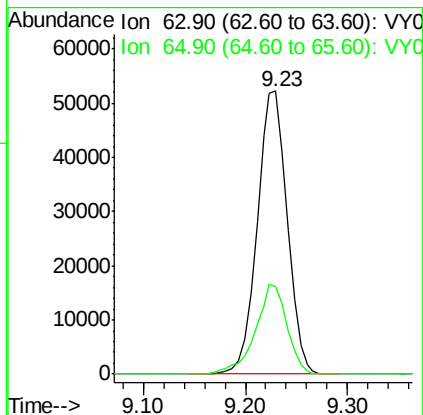
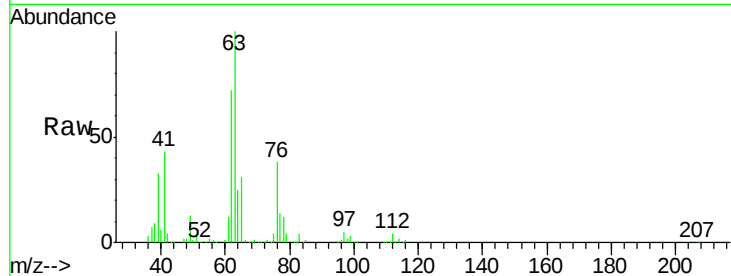
65 30.8 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM



#46

Dibromomethane

Concen: 48.824 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

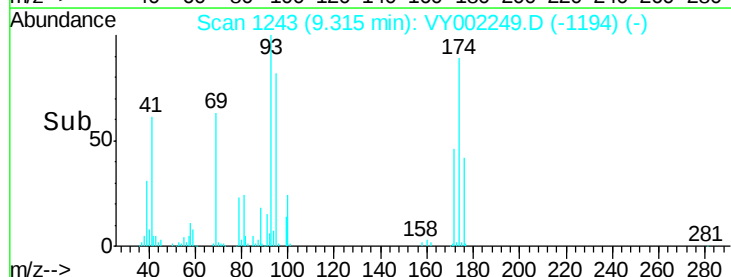
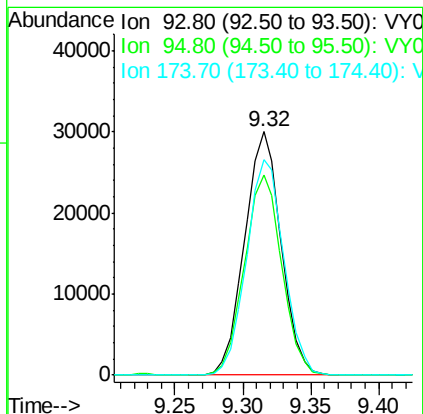
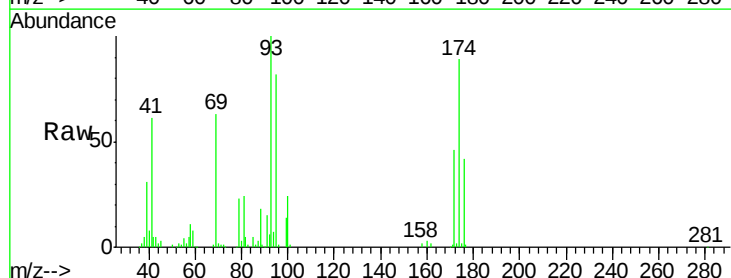
Tgt Ion: 93 Resp: 56317

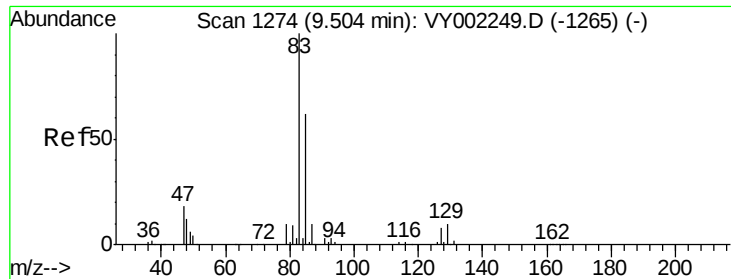
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 90.6 72.5 108.7





#47

Bromodichloromethane

Concen: 48.811 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

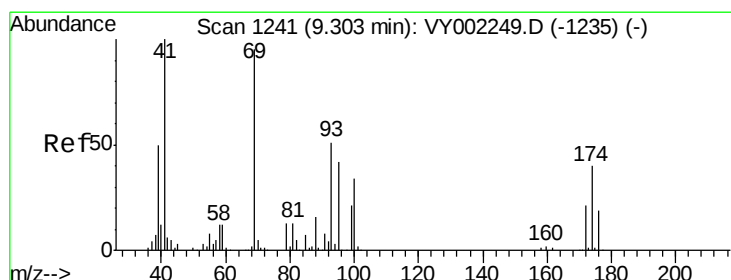
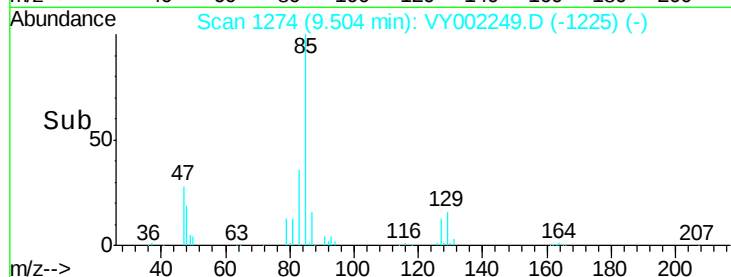
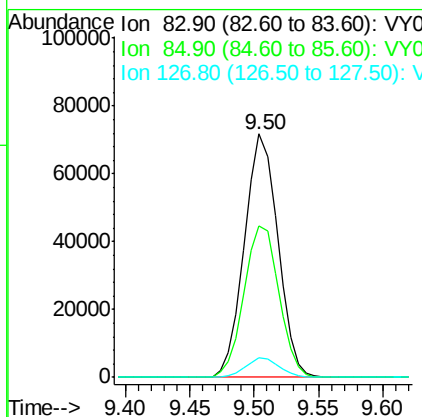
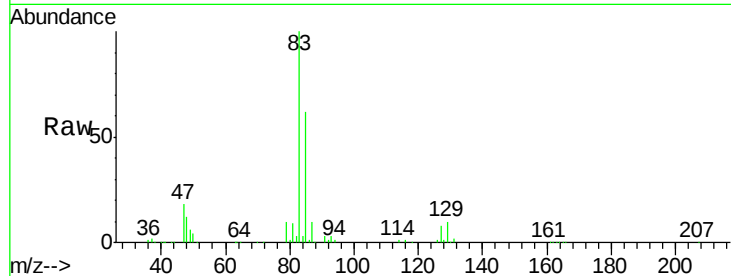
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	129185
Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.7	74.5
127	7.8	6.2	9.4

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#48

Methyl methacrylate

Concen: 48.803 ug/l

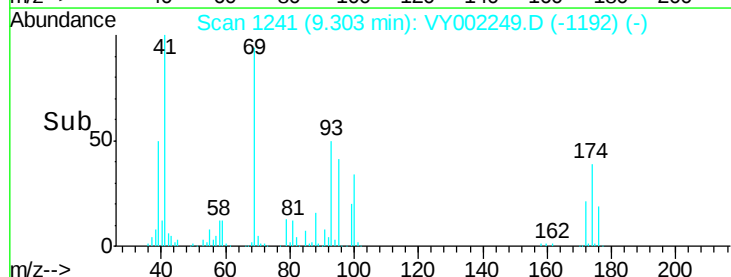
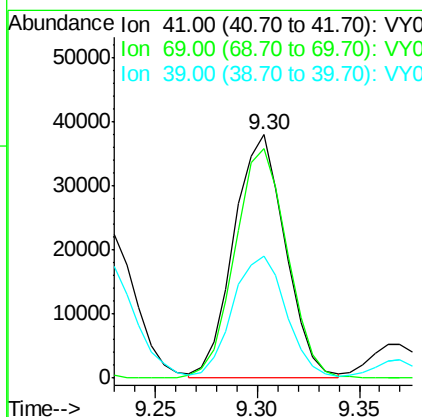
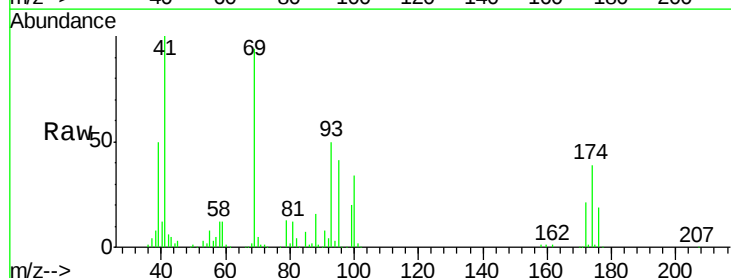
RT: 9.30 min Scan# 1241

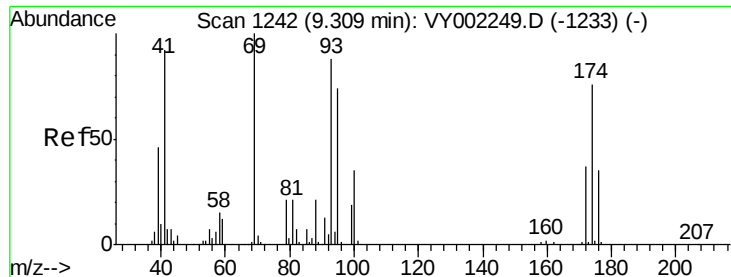
Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Tgt Ion:	41	Resp:	66815
Ion	Ratio	Lower	Upper
41	100		
69	95.9	76.7	115.1
39	50.6	40.5	60.7





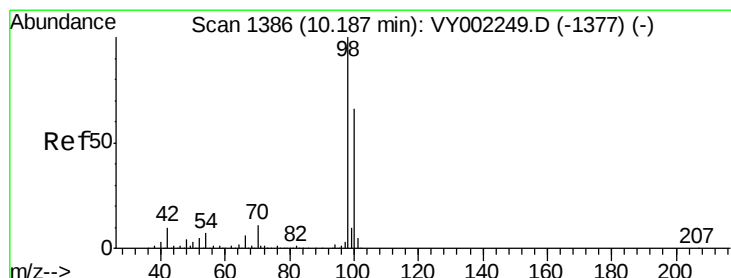
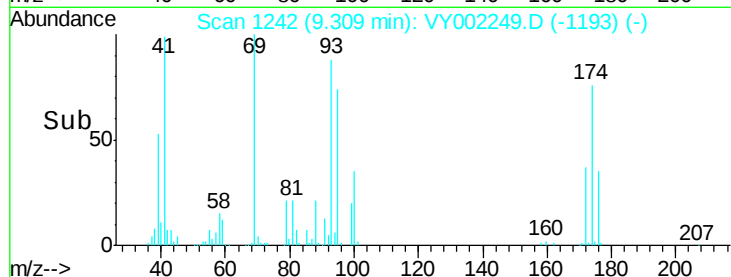
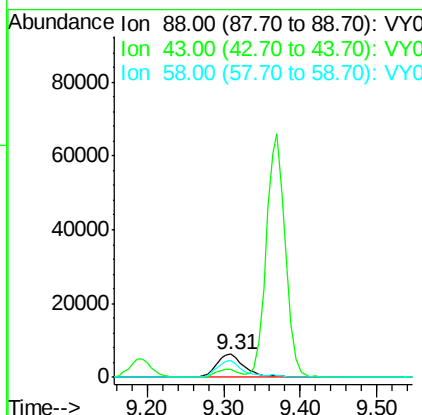
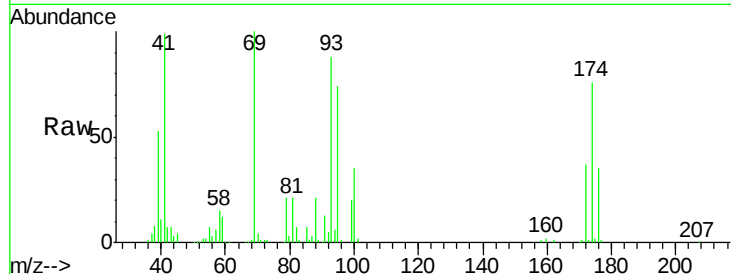
#49
1,4-Dioxane
Concen: 983.427 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	16046
Ion Ratio	Lower	Upper	
88	100		
43	27.7	22.2	33.2
58	72.0	57.6	86.4

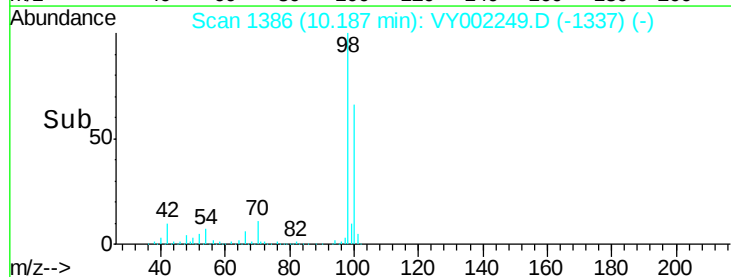
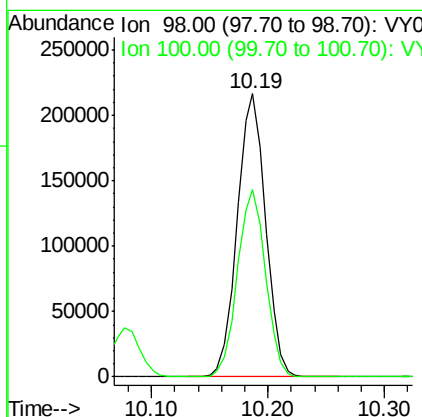
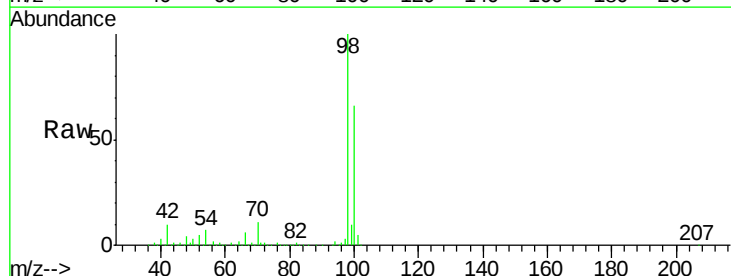
Manual Integrations
APPROVED

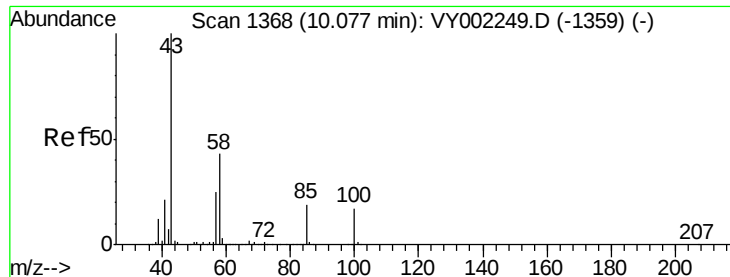
MMDadoda
4/9/2020 11:32:01 AM



#50
Toluene-d8
Concen: 49.566 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	98	Resp	367281
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 237.029 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 377117

Ion Ratio Lower Upper

43 100

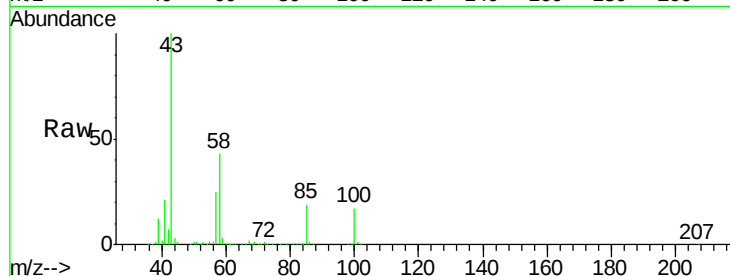
58 42.3 33.8 50.8

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

250000

200000

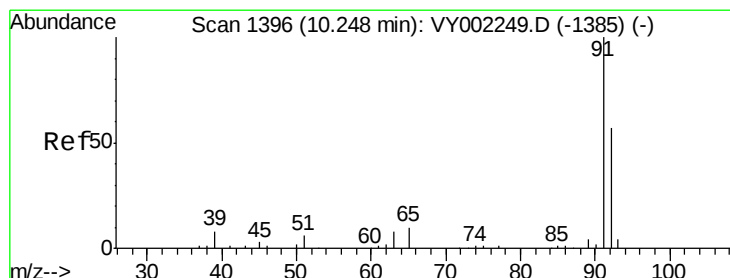
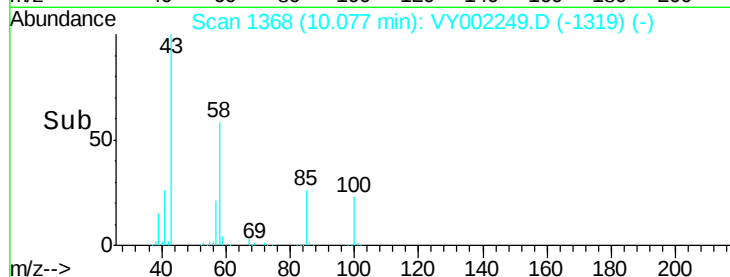
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 48.801 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY002249.D

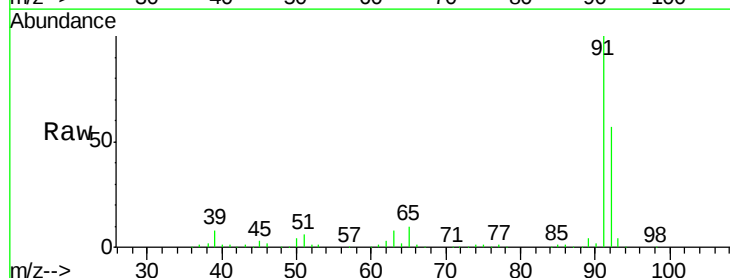
Acq: 08 Apr 2020 13:59

Tgt Ion: 92 Resp: 261494

Ion Ratio Lower Upper

92 100

91 173.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

300000

250000

200000

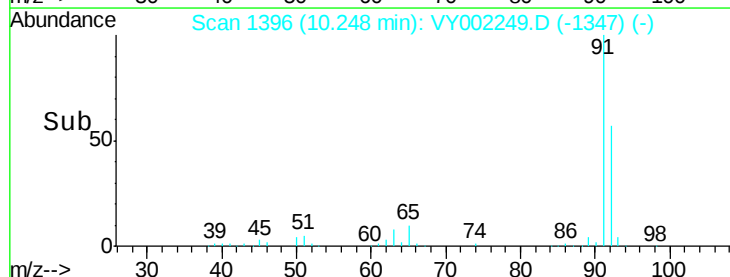
150000

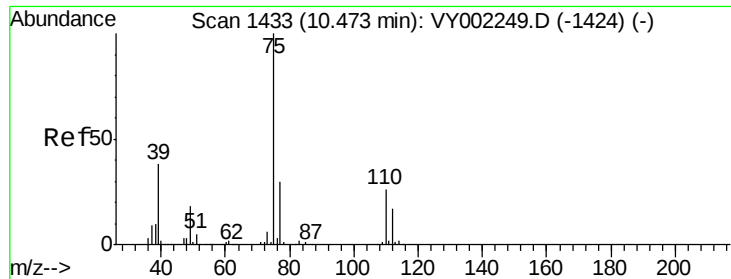
100000

50000

0

Time-->





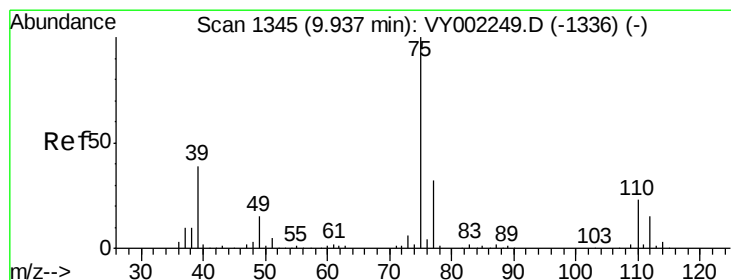
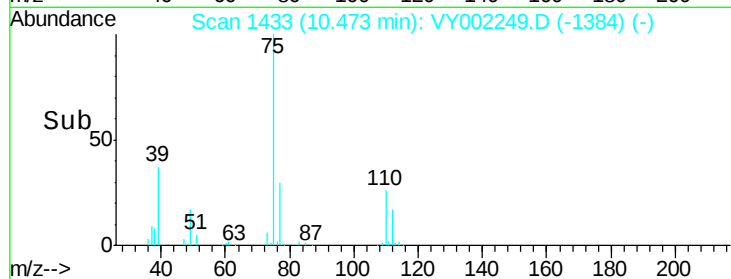
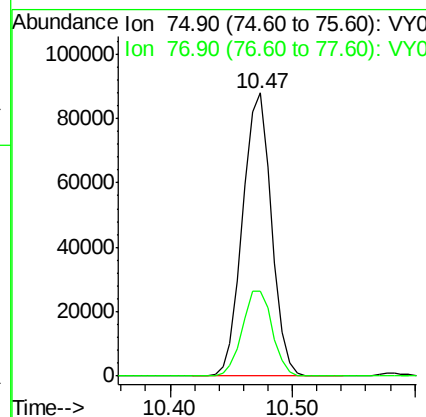
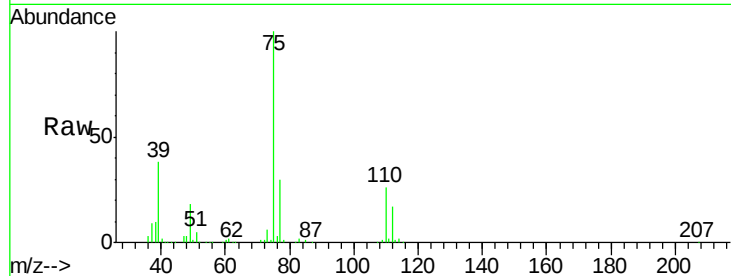
#53
t-1,3-Dichloropropene
Concen: 49.726 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 143394
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.2

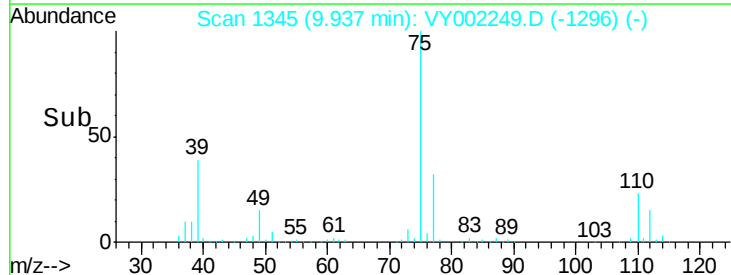
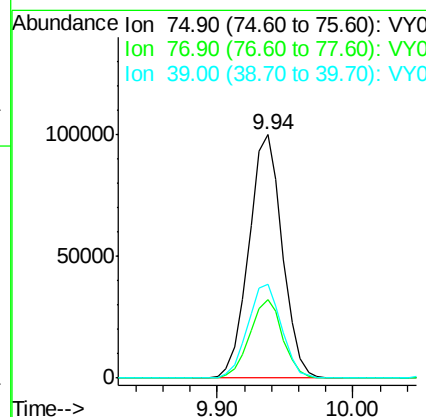
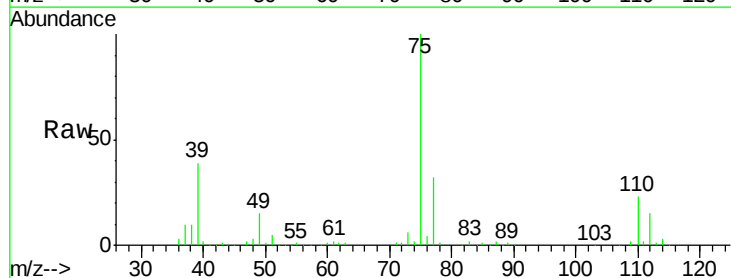
Manual Integrations
APPROVED

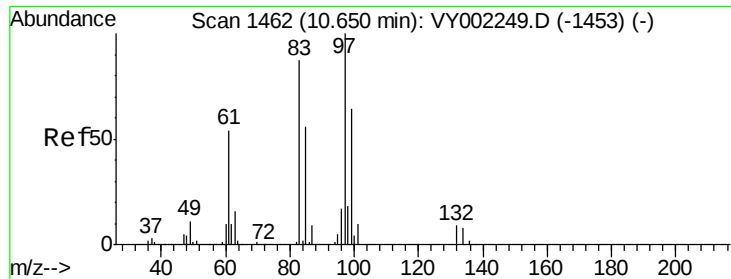
MMDadoda
4/9/2020 11:32:01 AM



#54
cis-1,3-Dichloropropene
Concen: 49.543 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion: 75 Resp: 171756
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 38.5 30.8 46.2





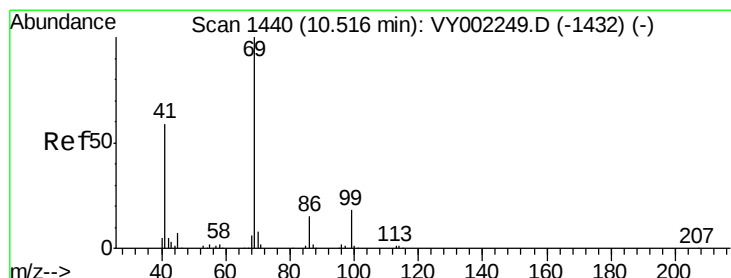
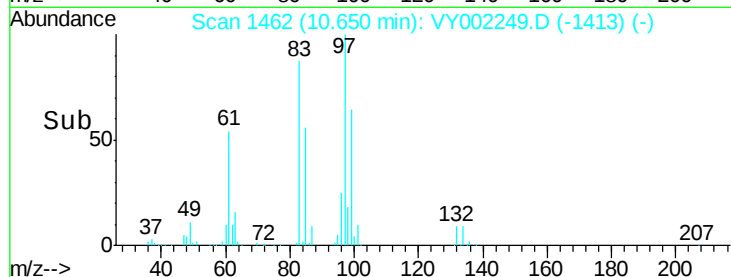
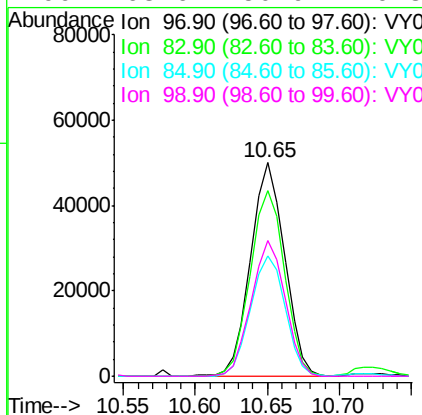
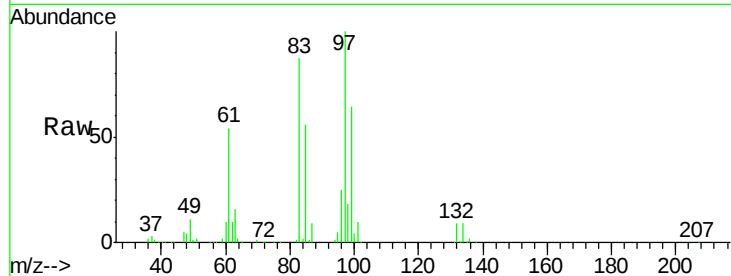
#55
 1,1,2-Trichloroethane
 Concen: 48.597 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	97	Resp	82067
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	56.5	45.2	67.8
99	63.6	50.9	76.3

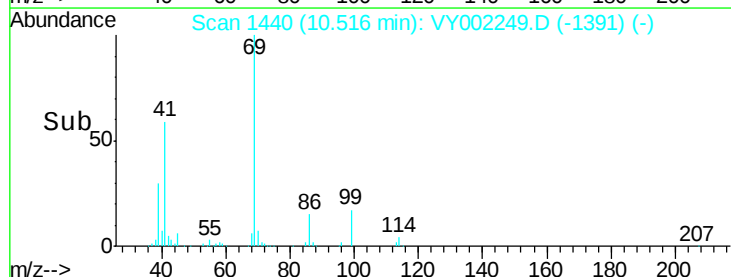
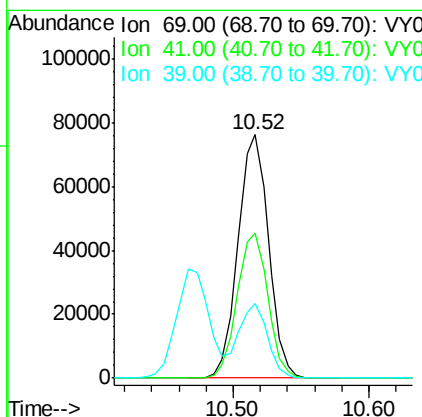
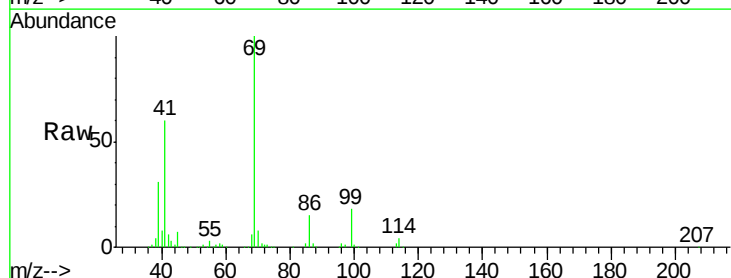
Manual Integrations
 APPROVED

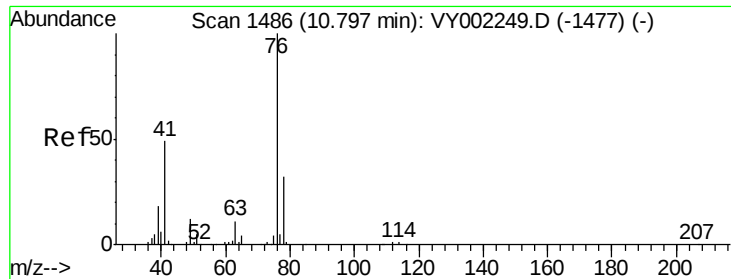
MMDadoda
 4/9/2020 11:32:01 AM



#56
 Ethyl methacrylate
 Concen: 49.608 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	69	Resp	119566
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	29.7	23.8	35.6





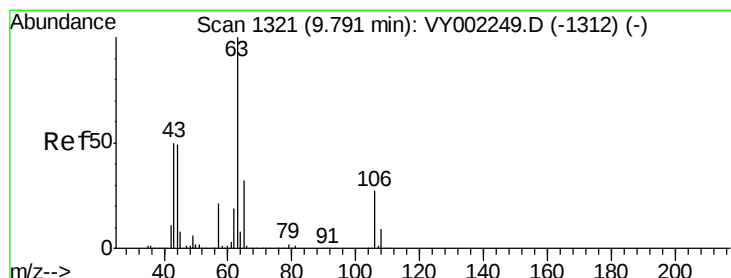
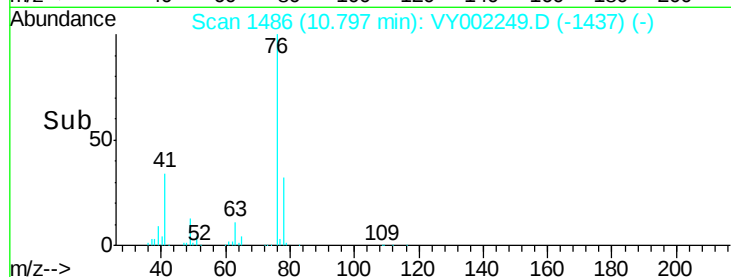
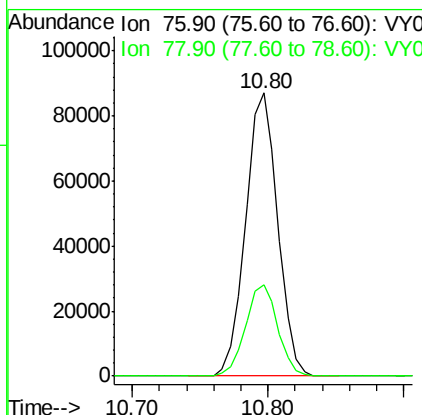
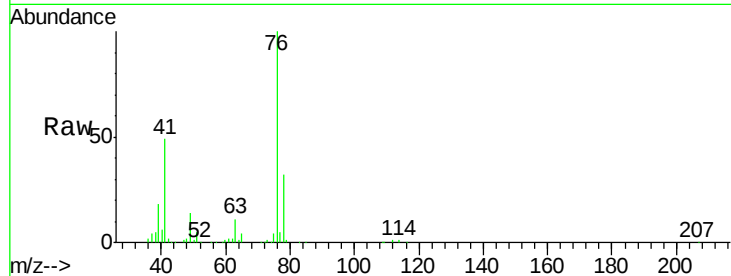
#57
 1,3-Dichloropropane
 Concen: 48.477 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

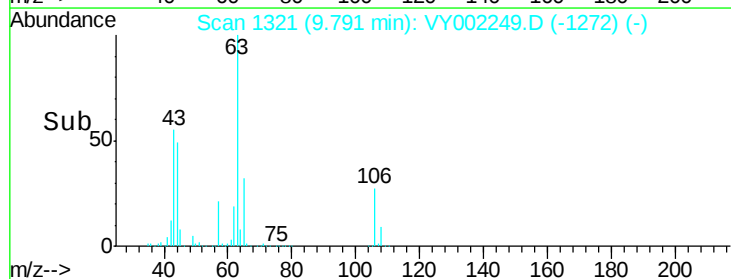
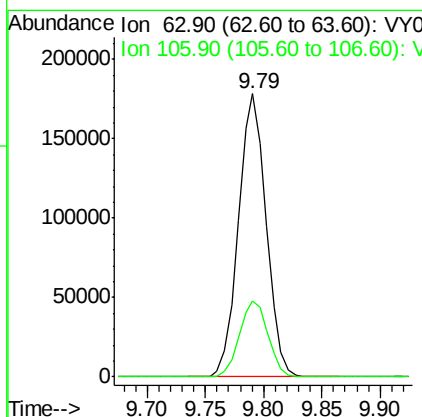
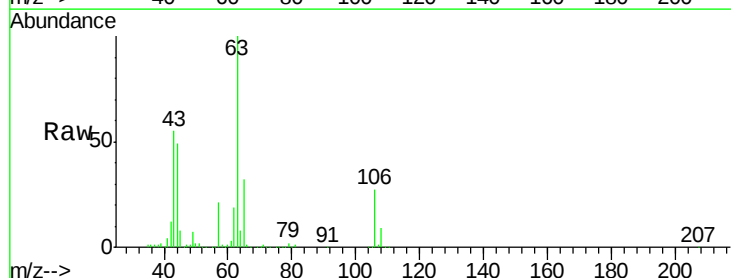
Manual Integrations
 APPROVED

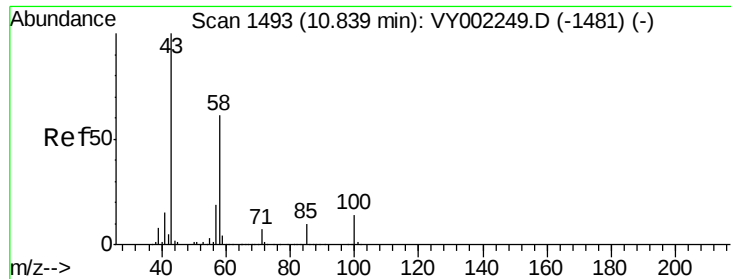
MMDadoda
 4/9/2020 11:32:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.320 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.2	33.2





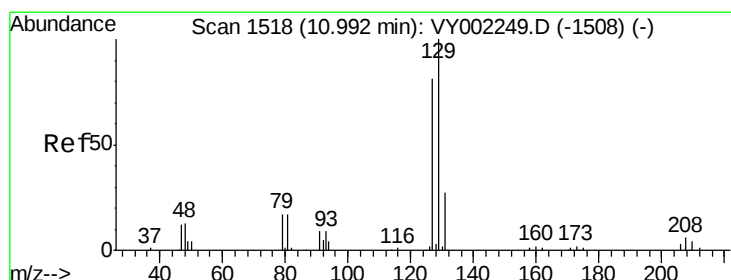
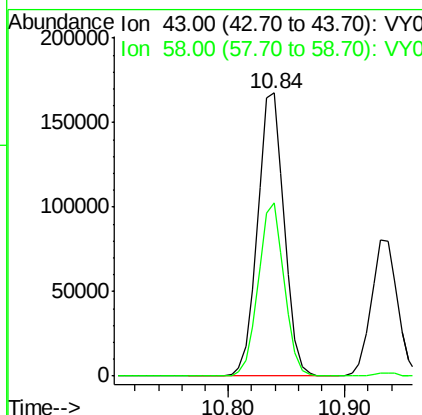
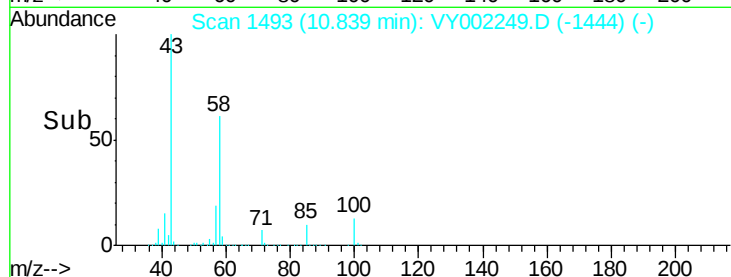
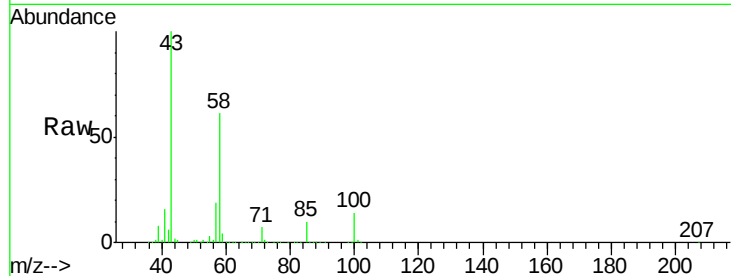
#59
2-Hexanone
Concen: 241.563 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 266736
Ion Ratio Lower Upper
43 100
58 59.5 29.8 89.3

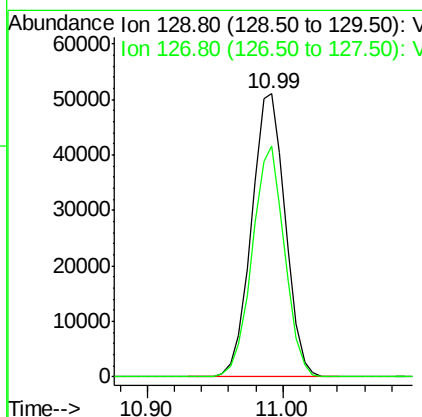
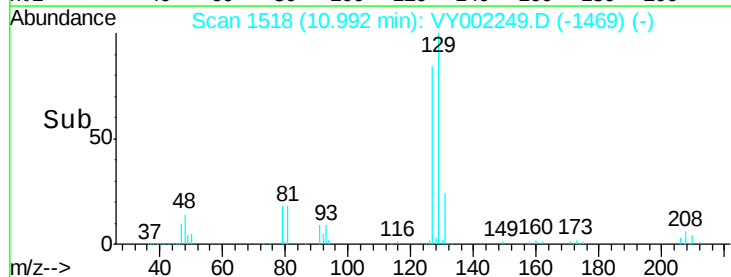
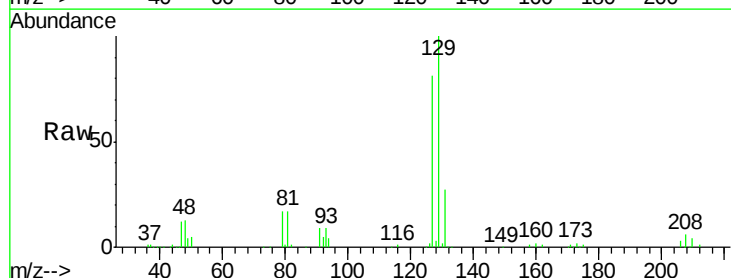
Manual Integrations
APPROVED

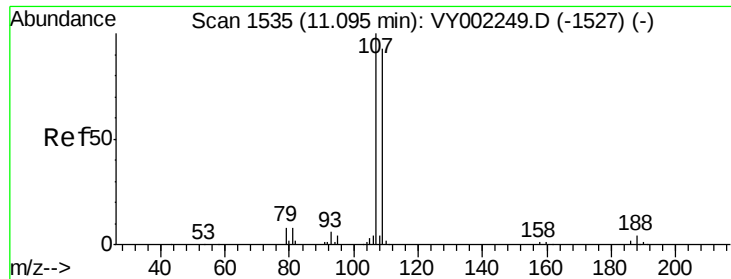
MMDadoda
4/9/2020 11:32:01 AM



#60
Dibromochloromethane
Concen: 49.324 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion: 129 Resp: 88817
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





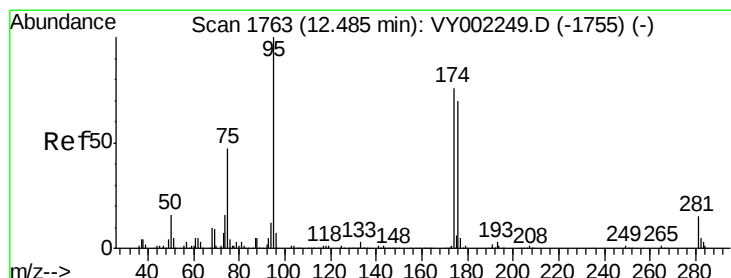
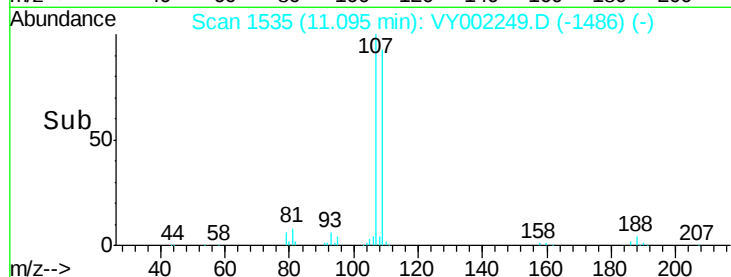
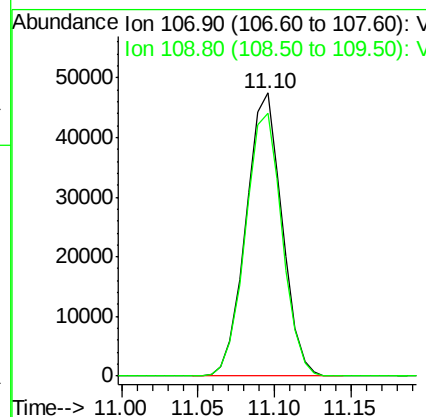
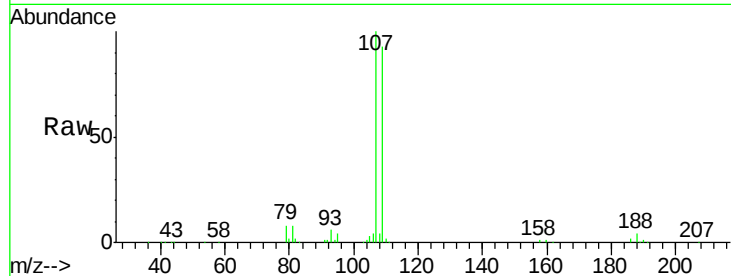
#61
 1,2-Dibromoethane
 Concen: 48.258 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 77584
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4

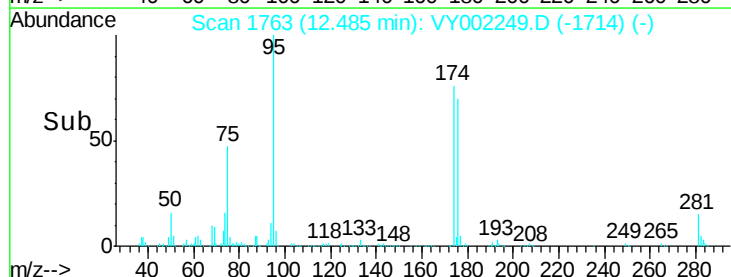
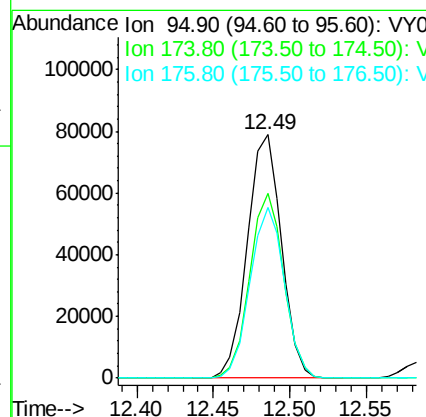
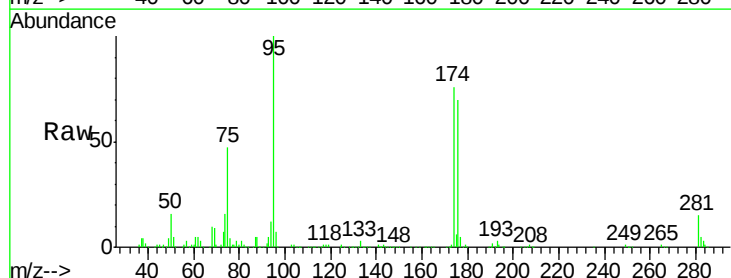
Manual Integrations
 APPROVED

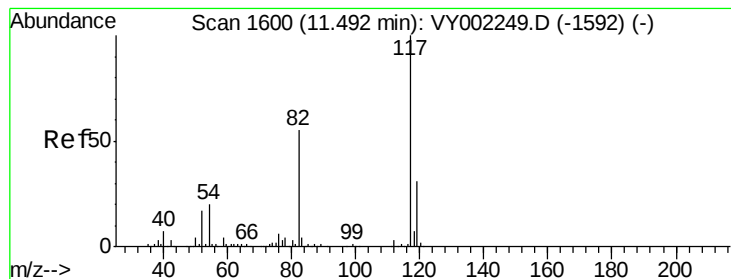
MMDadoda
 4/9/2020 11:32:01 AM



#62
 4-Bromofluorobenzene
 Concen: 49.966 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion: 95 Resp: 122148
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.6
 176 70.7 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

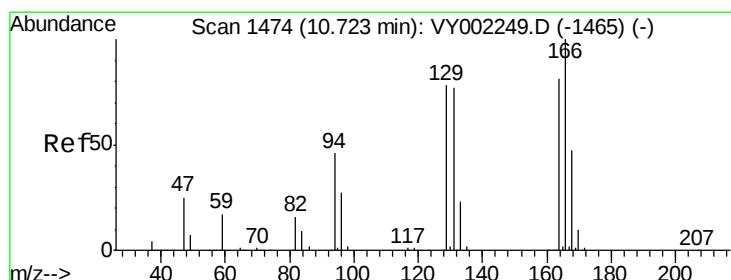
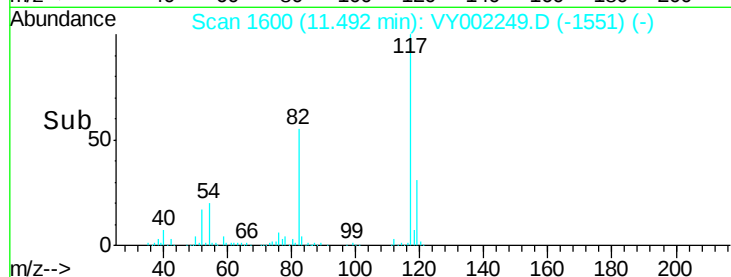
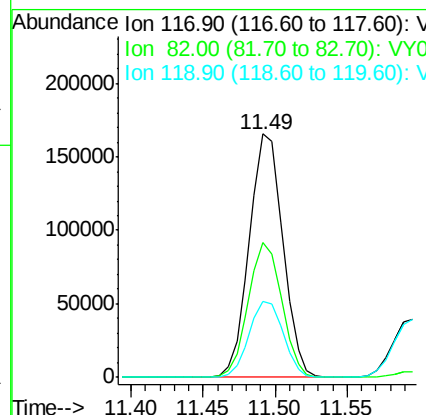
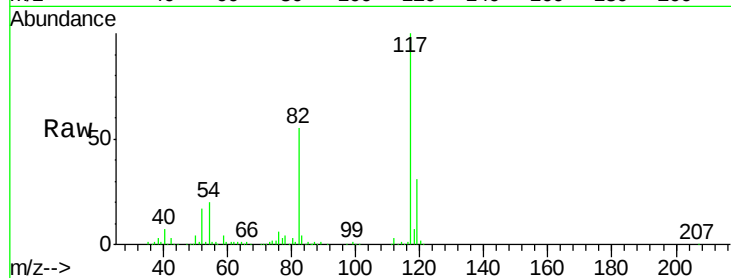
ClientSampleId :

VSTDICCC050

Tot Ion:	117	Resp:	267194
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.2	66.4
119	31.4	25.1	37.7

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#64

Tetrachloroethene

Concen: 48.684 ug/l

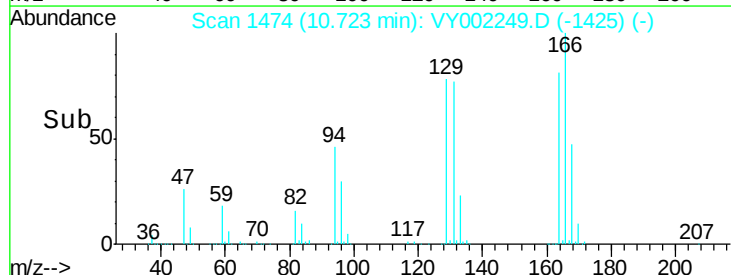
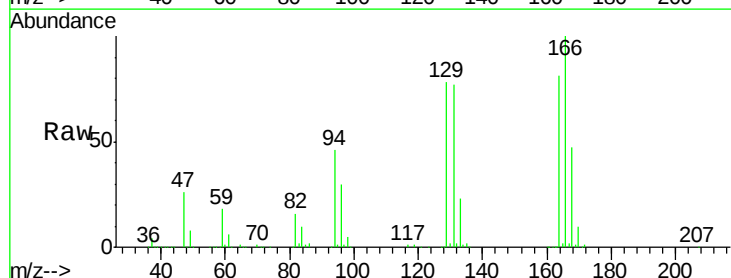
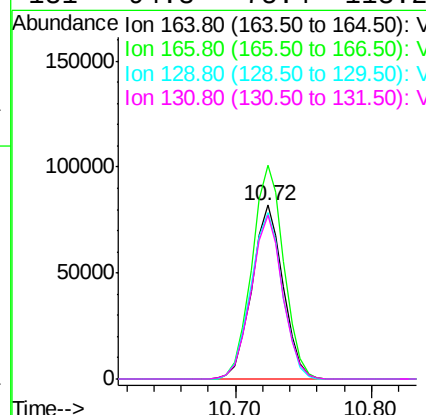
RT: 10.72 min Scan# 1474

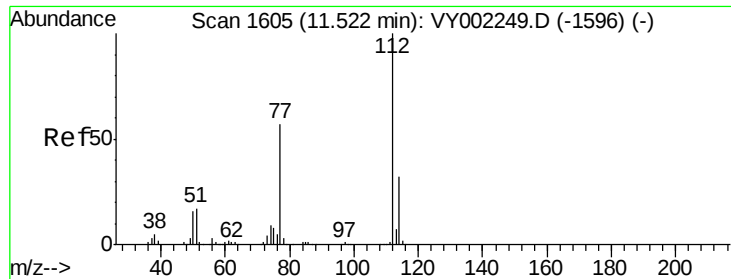
Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Tgt Ion:	164	Resp:	131515
Ion Ratio	Lower	Upper	
164	100		
166	123.0	98.4	147.6
129	95.8	76.6	115.0
131	94.3	75.4	113.2





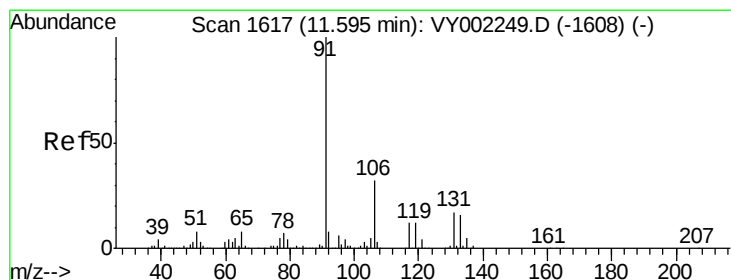
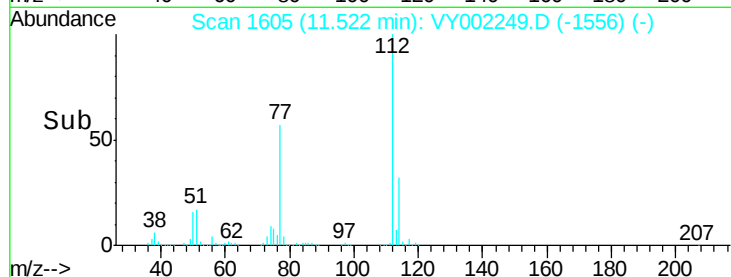
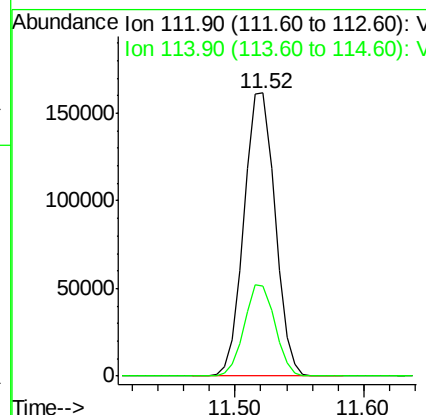
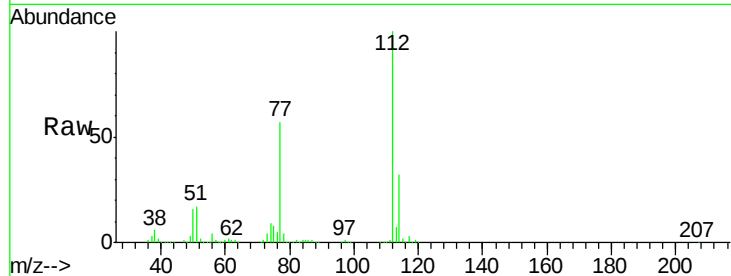
#65
Chlorobenzene
Concen: 48.663 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 270282
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

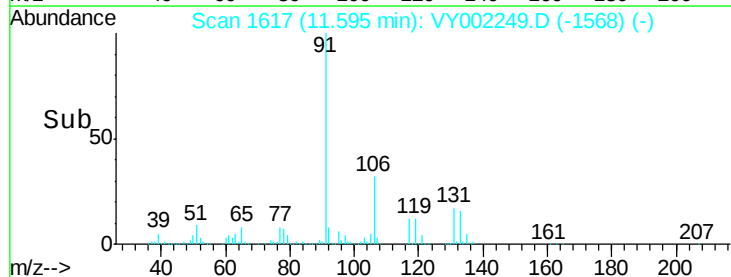
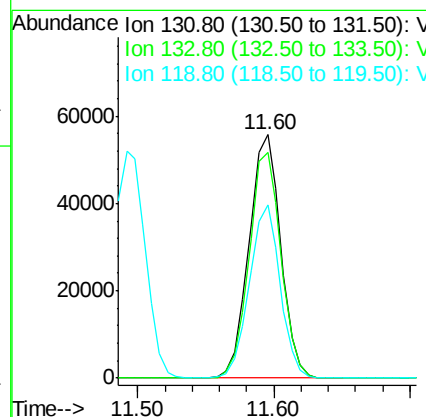
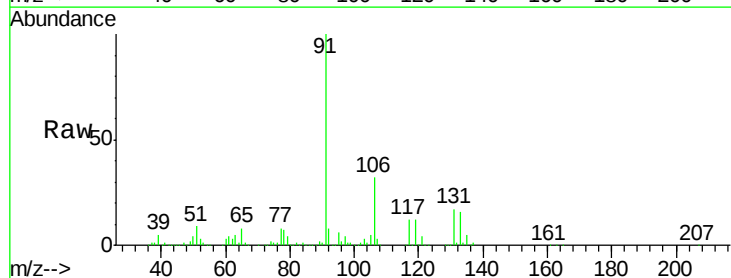
Manual Integrations
APPROVED

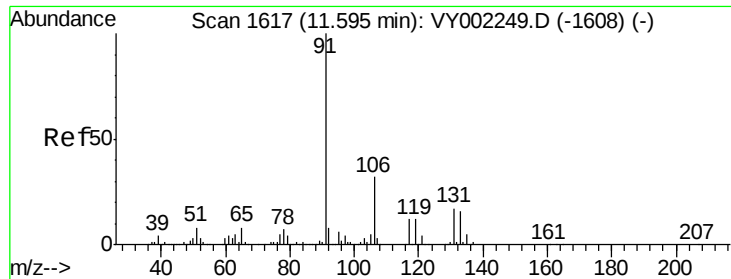
MMDadoda
4/9/2020 11:32:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion:131 Resp: 91060
Ion Ratio Lower Upper
131 100
133 92.9 46.5 139.3
119 69.1 34.5 103.6





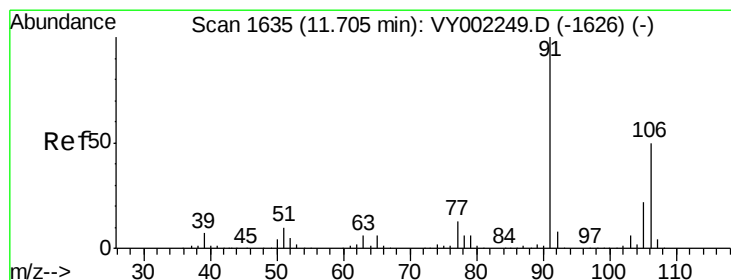
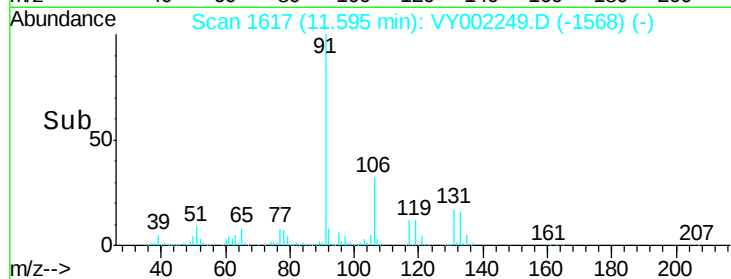
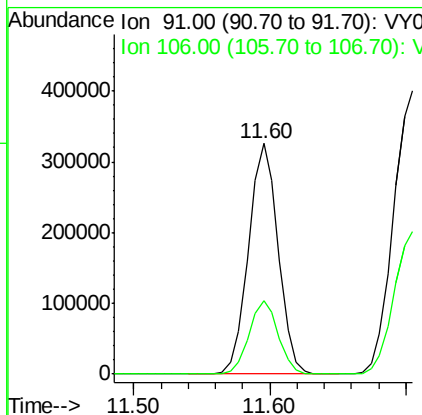
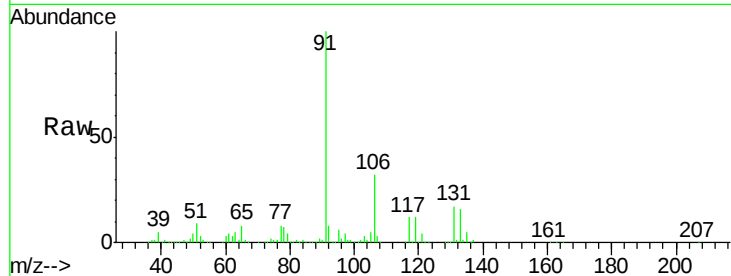
#67
Ethyl Benzene
Concen: 48.834 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 496537
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

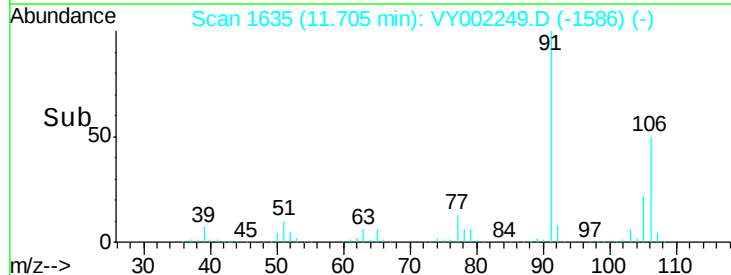
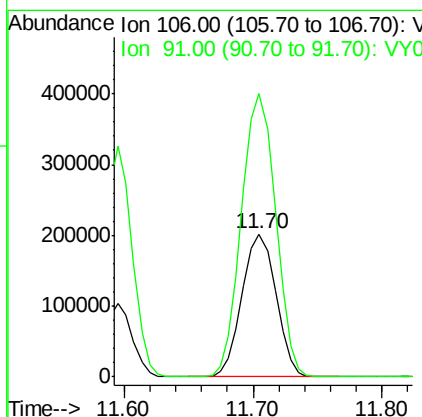
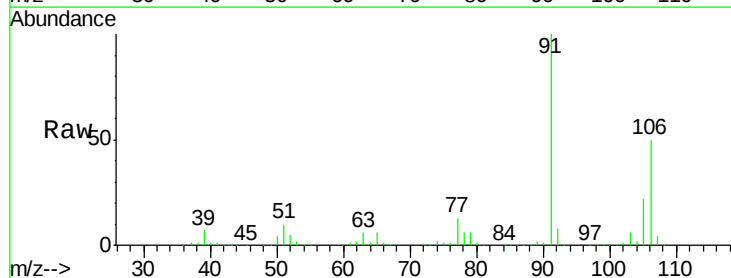
Manual Integrations
APPROVED

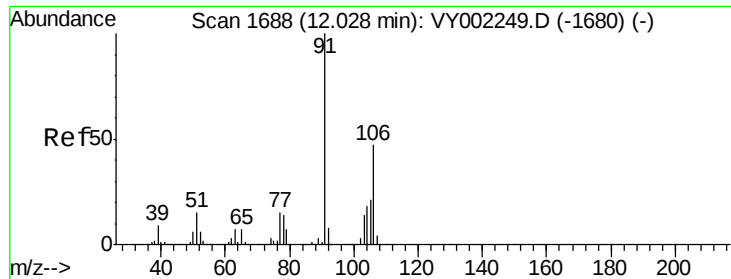
MMDadoda
4/9/2020 11:32:01 AM



#68
m/p-Xylenes
Concen: 97.037 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion: 106 Resp: 369551
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.6





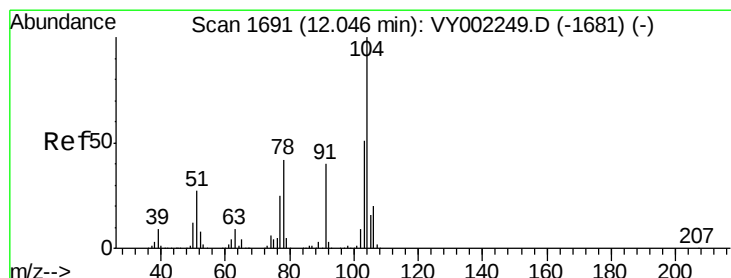
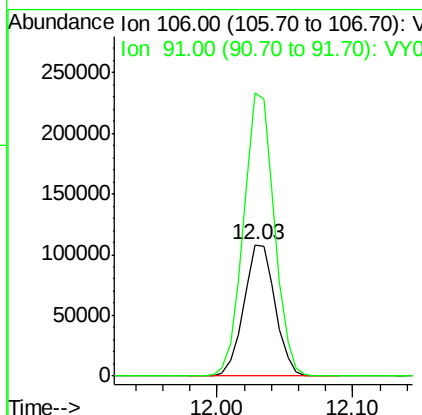
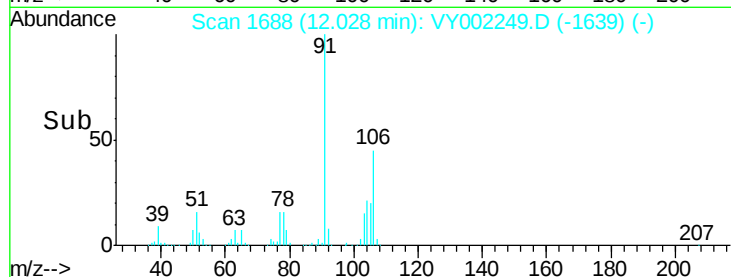
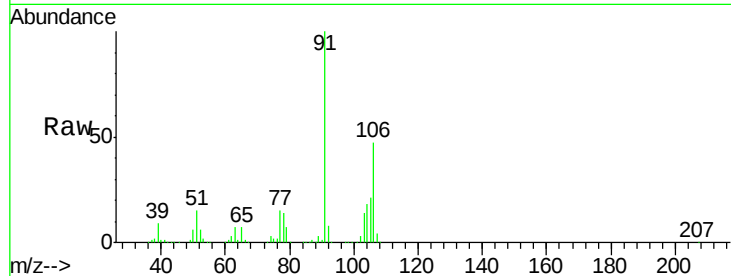
#69
o-Xylene
Concen: 48.764 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.5	105.8	317.3		

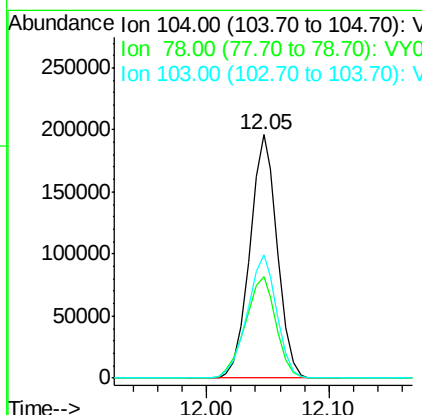
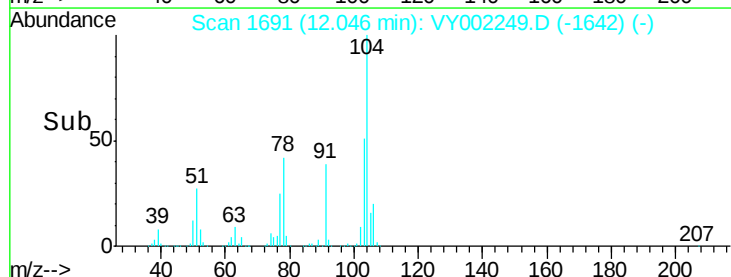
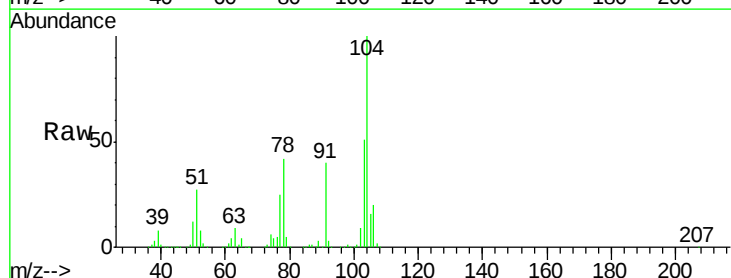
Manual Integrations
APPROVED

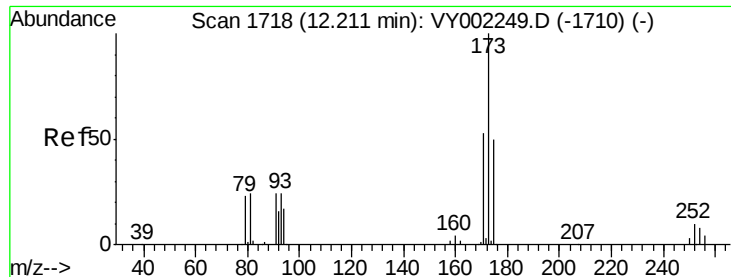
MMDadoda
4/9/2020 11:32:01 AM



#70
Styrene
Concen: 49.181 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	46.5	37.2	55.8		
103	54.2	43.4	65.0		





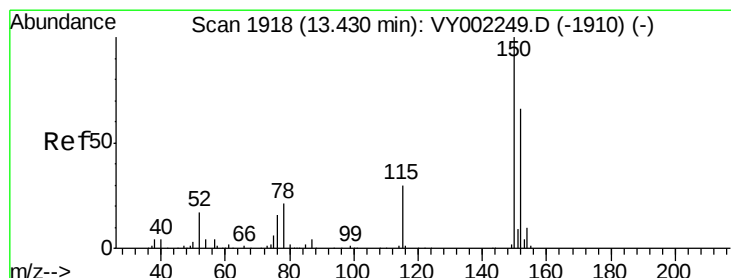
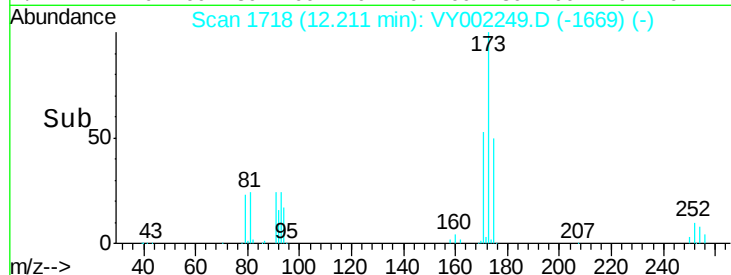
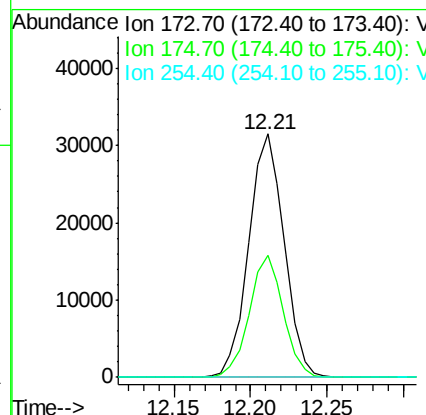
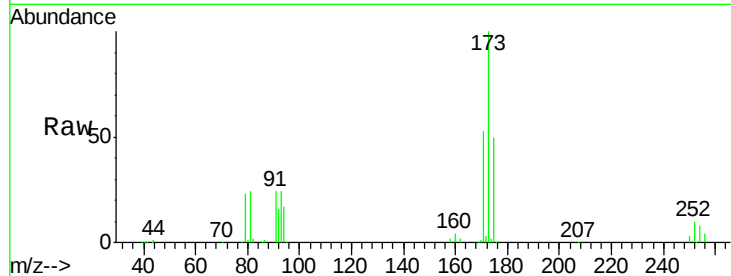
#71
Bromoform
Concen: 50.730 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.0	0.0	0.0

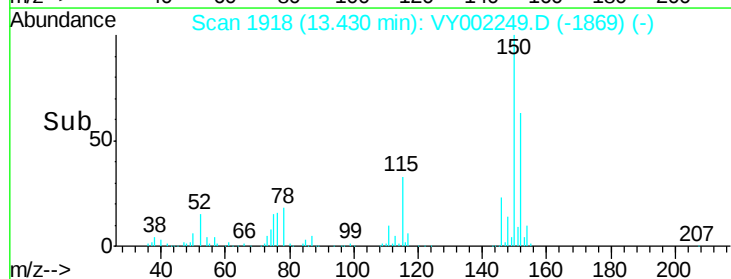
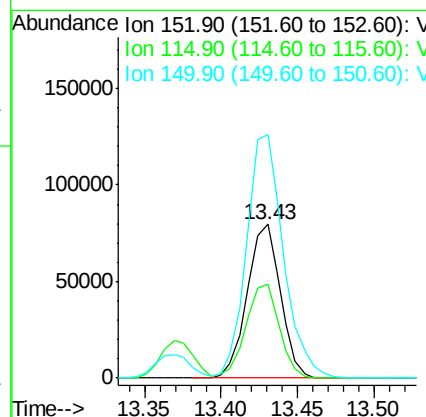
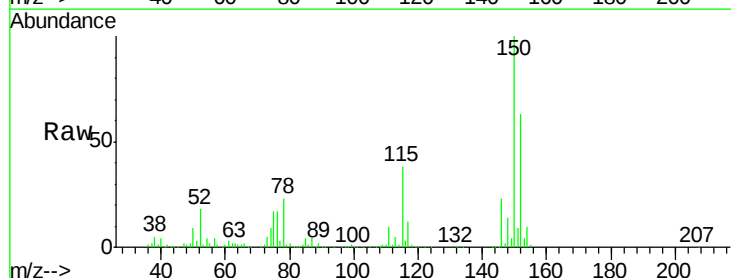
Manual Integrations
APPROVED

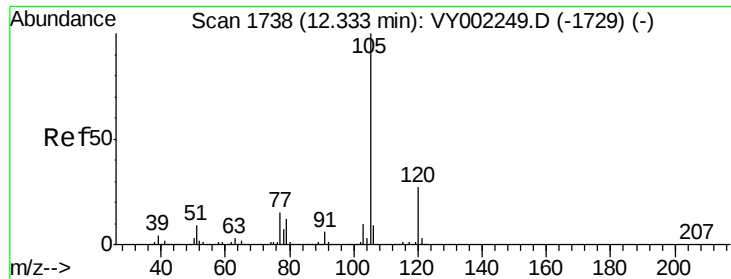
MMDadoda
4/9/2020 11:32:01 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.7	92.1
150	175.3	0.0	350.6





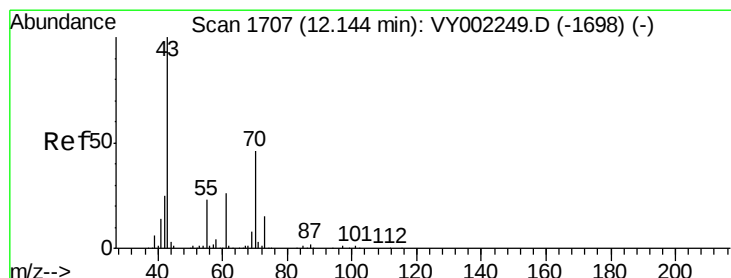
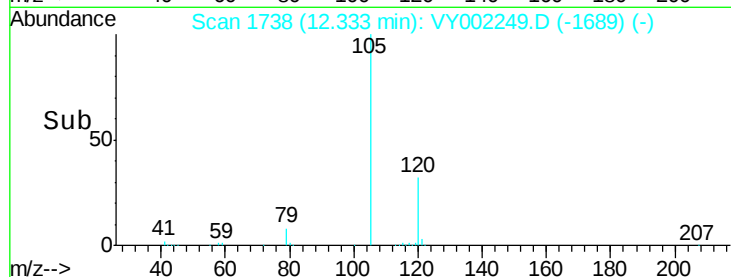
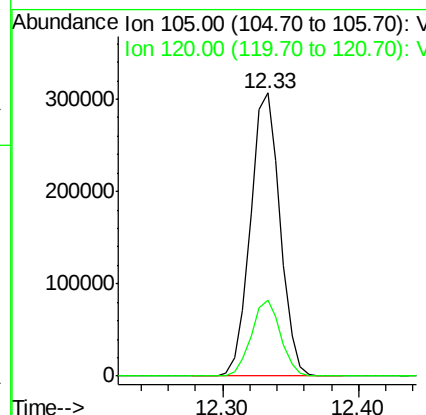
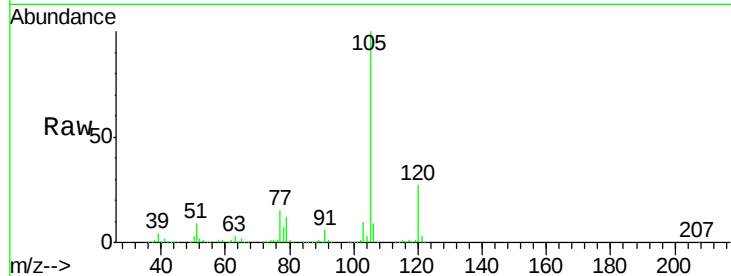
#73
Isopropylbenzene
Concen: 49.353 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

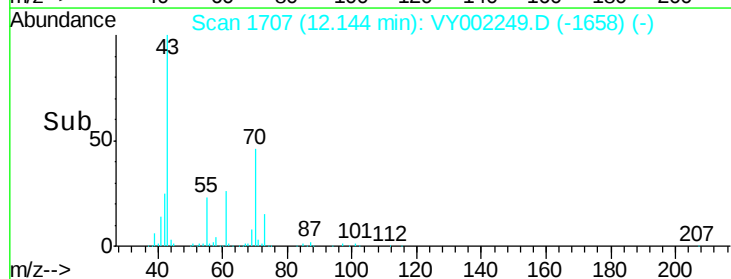
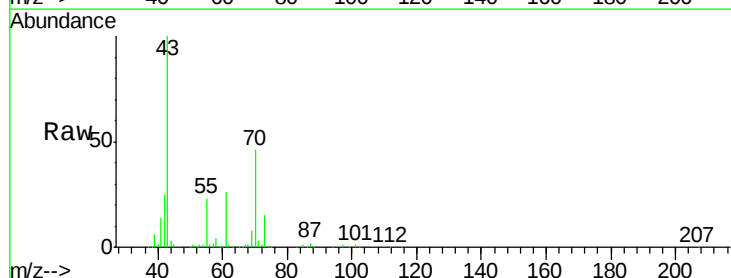
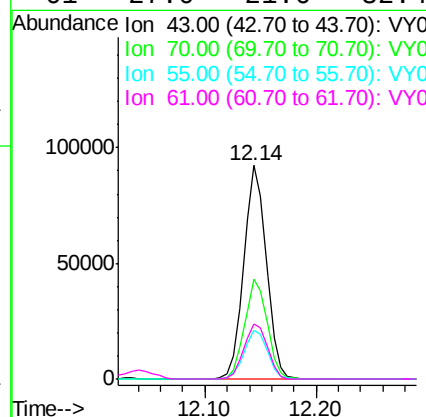
Manual Integrations
APPROVED

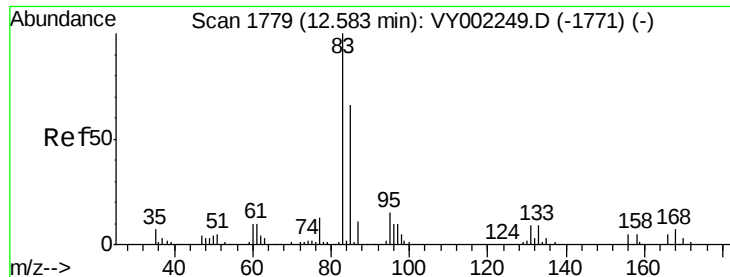
MMDadoda
4/9/2020 11:32:01 AM



#74
N-ethyl acetate
Concen: 48.120 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.9	37.5	56.3
55	23.8	19.0	28.6
61	27.0	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.916 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

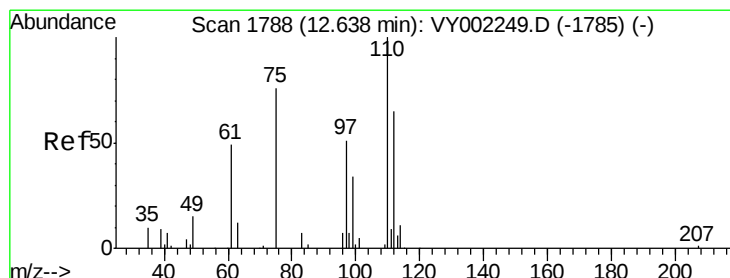
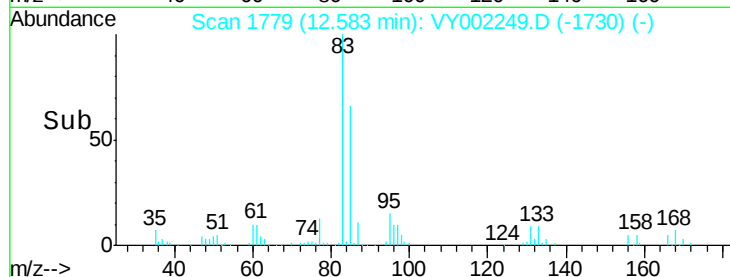
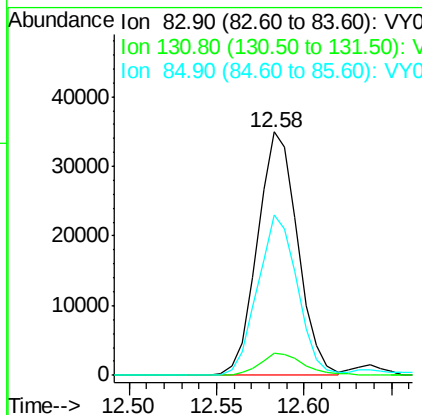
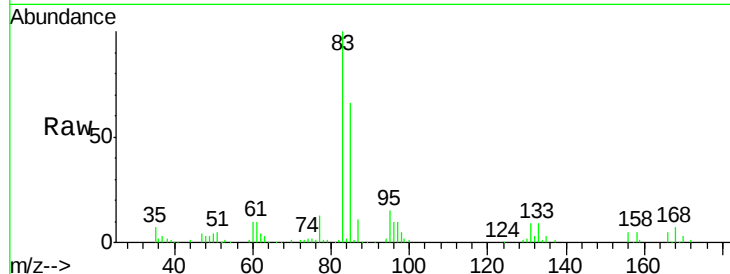
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	56069
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	65.2	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#76

1,2,3-Trichloropropane

Concen: 30.177 ug/l m

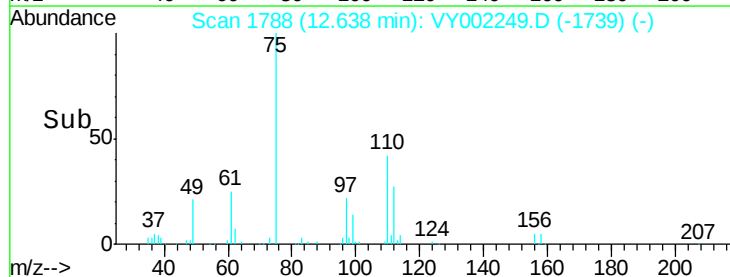
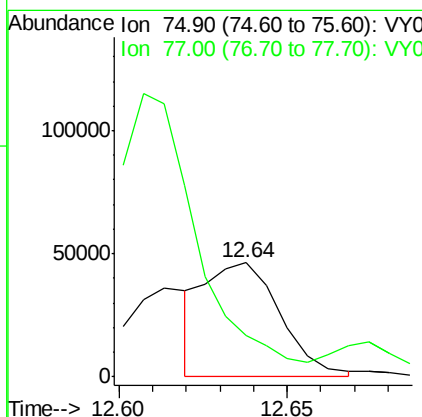
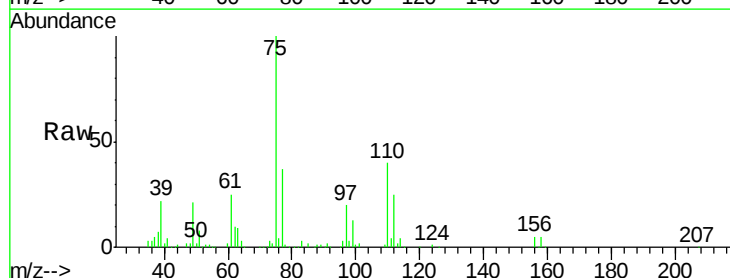
RT: 12.64 min Scan# 1788

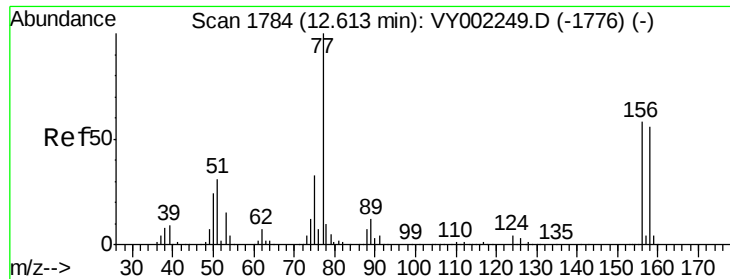
Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Tgt Ion:	75	Resp:	72909
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.104 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

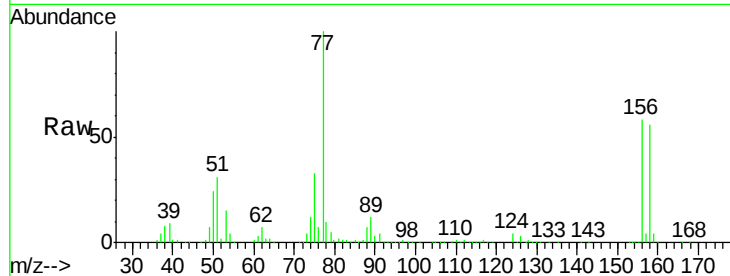
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	102351
Ion Ratio	Lower	Upper	
156	100		
77	202.6	101.3	303.9
158	96.5	48.3	144.8

Manual Integrations
APPROVED

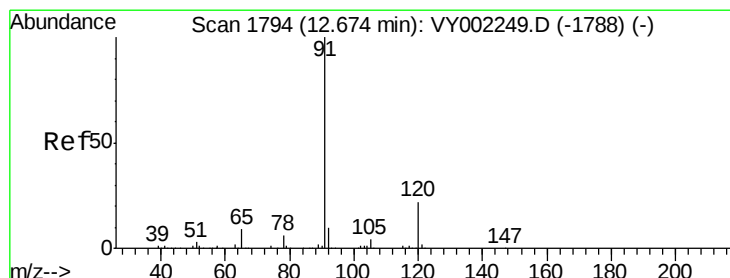
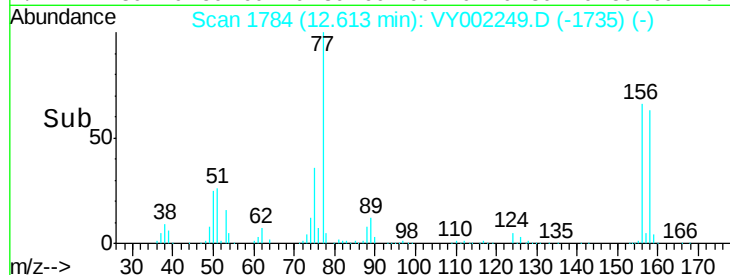
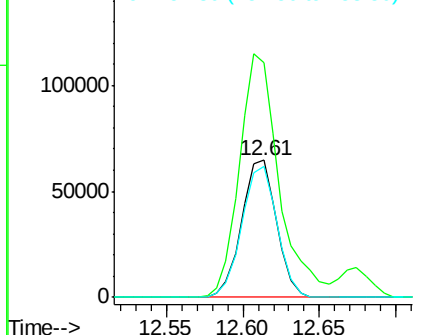
MMDadoda
4/9/2020 11:32:01 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.622 ug/l

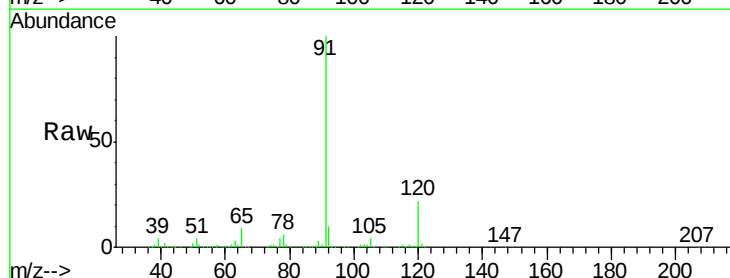
RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002249.D

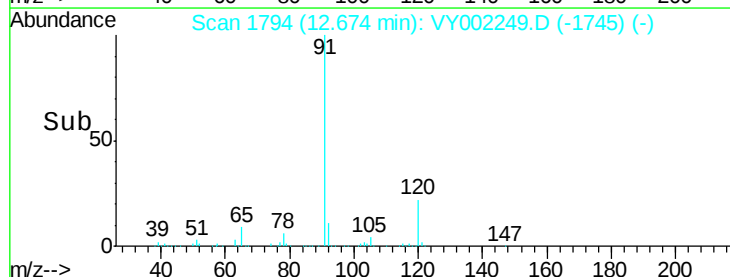
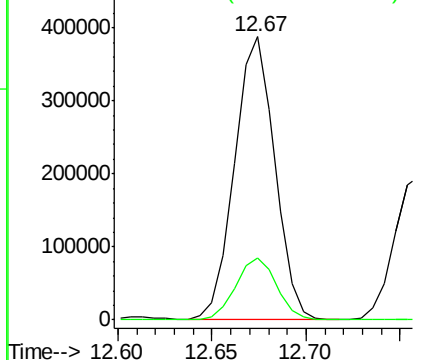
Acq: 08 Apr 2020 13:59

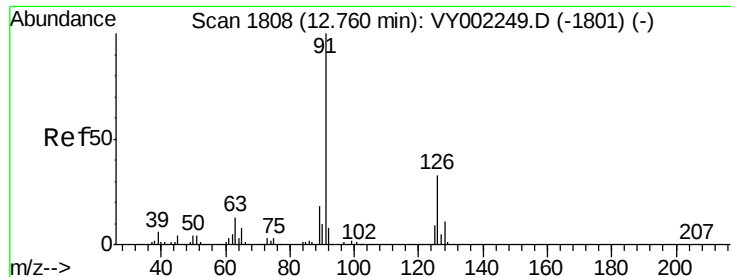
Tgt Ion:	91	Resp:	572914
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.560 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 310953

Ion Ratio Lower Upper

91 100

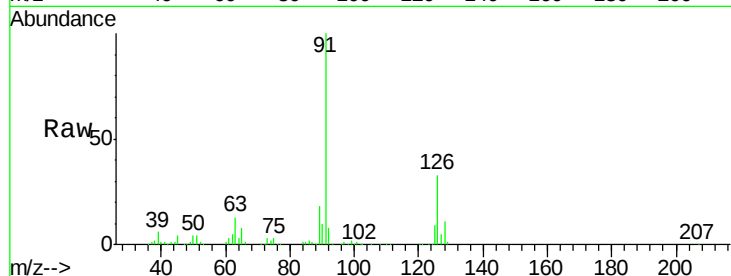
126 33.8 16.9 50.7

Manual Integrations

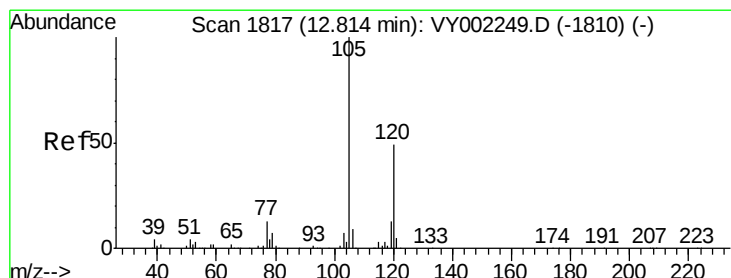
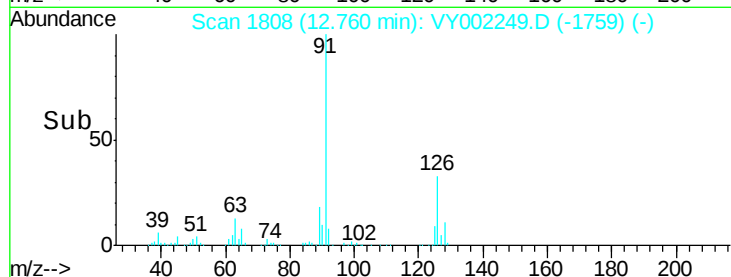
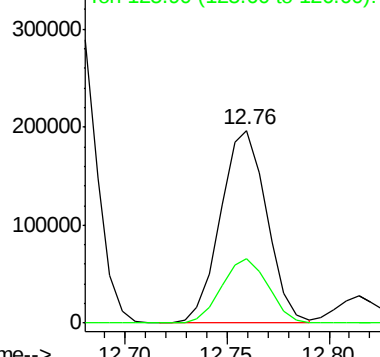
APPROVED

MMDadoda

4/9/2020 11:32:01 AM



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.121 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002249.D

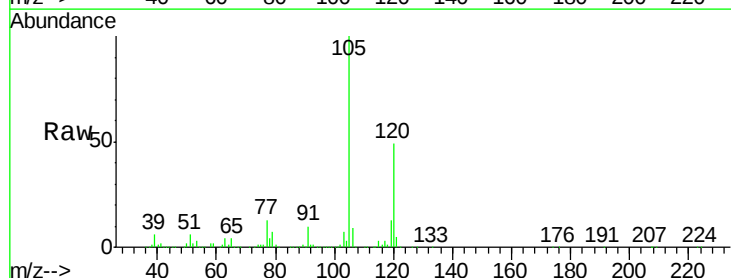
Acq: 08 Apr 2020 13:59

Tgt Ion: 105 Resp: 384879

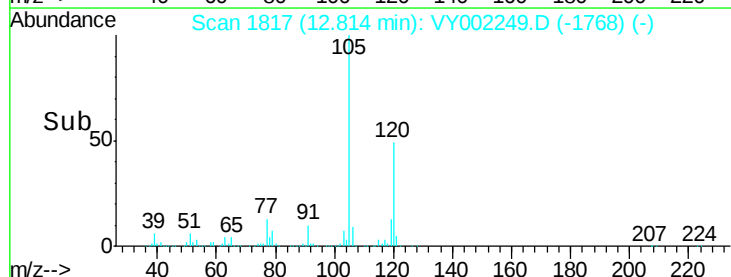
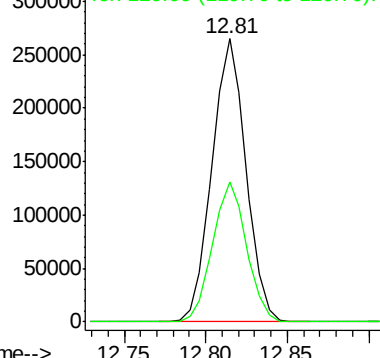
Ion Ratio Lower Upper

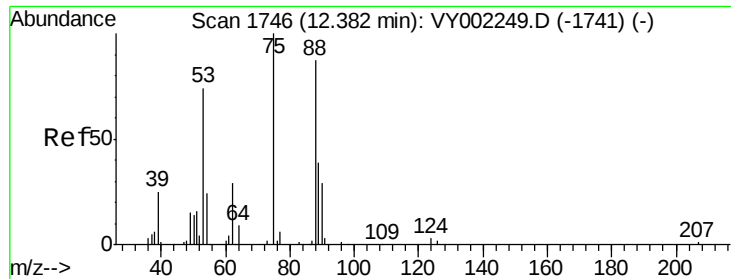
105 100

120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.305 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

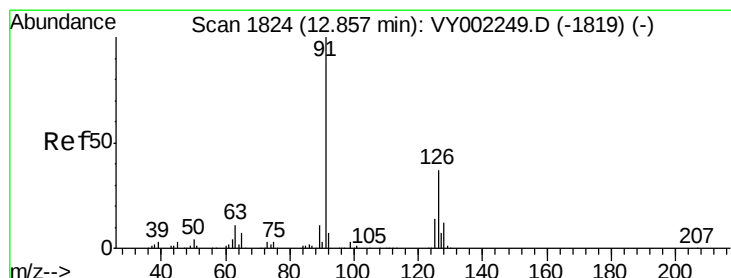
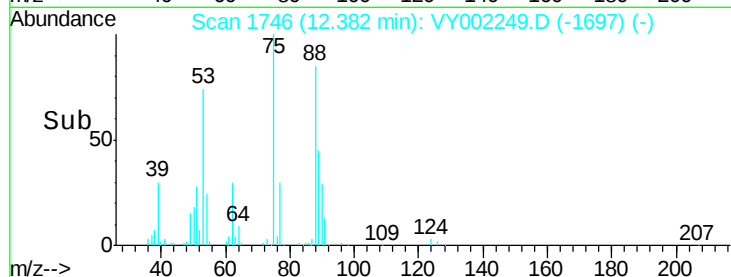
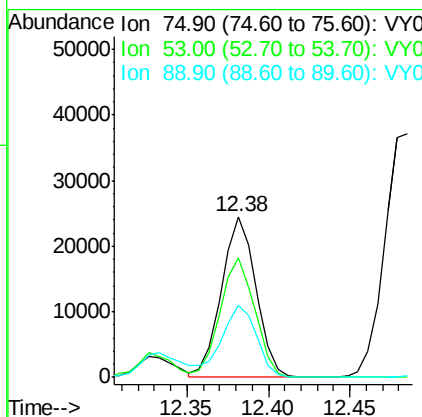
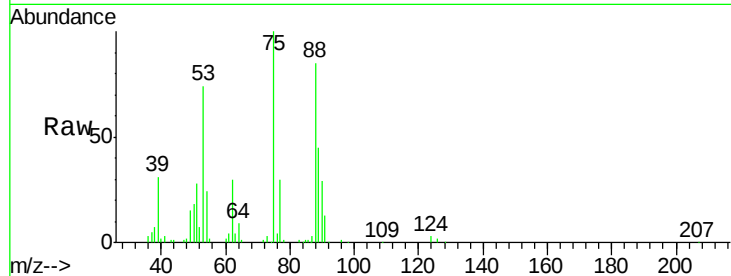
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	36219
Ion	Ratio	Lower	Upper
75	100		
53	74.8	59.8	89.8
89	46.3	37.0	55.6

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#82

4-Chlorotoluene

Concen: 48.697 ug/l

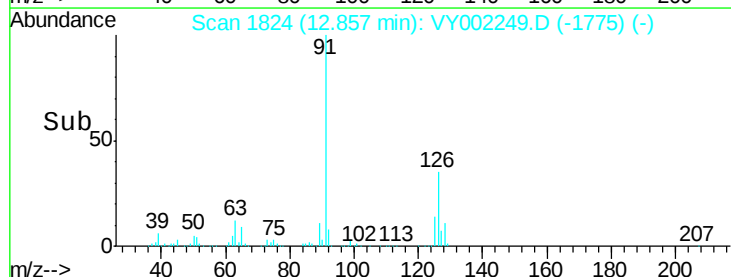
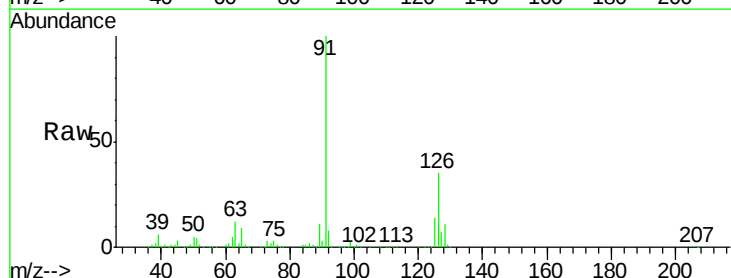
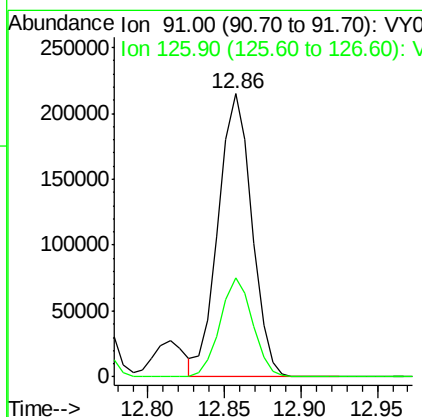
RT: 12.86 min Scan# 1824

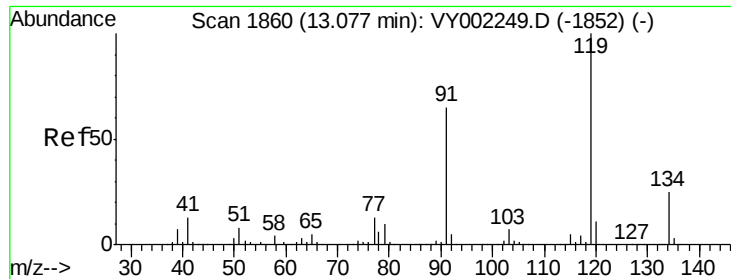
Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Tgt Ion:	91	Resp:	326830
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7





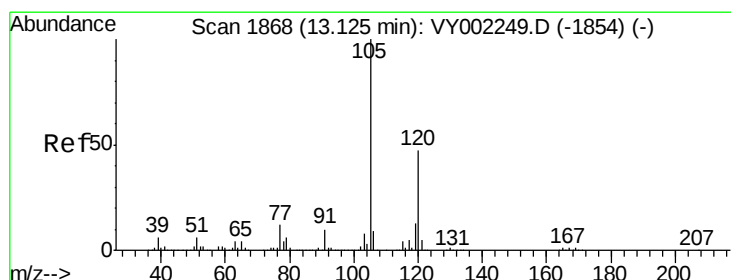
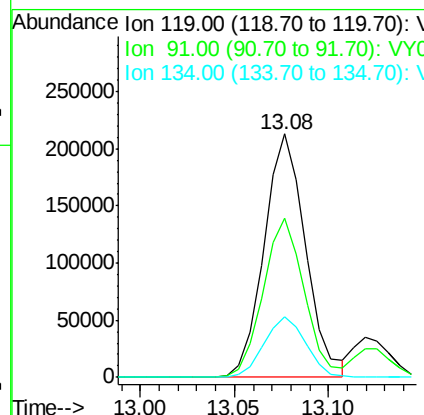
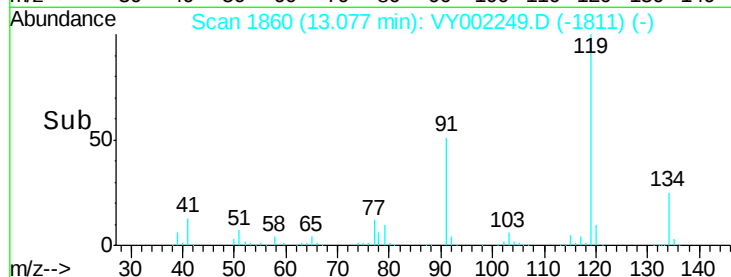
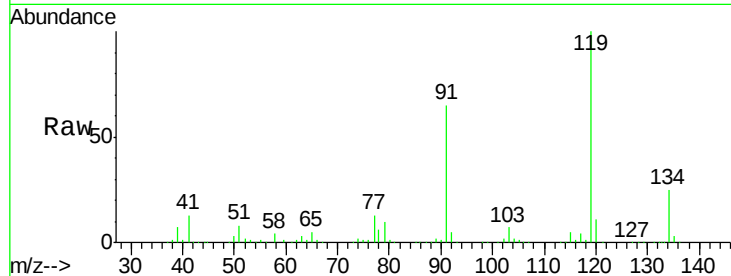
#83
 tert-Butylbenzene
 Concen: 49.531 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.4	97.0
134	25.1	12.6	37.6

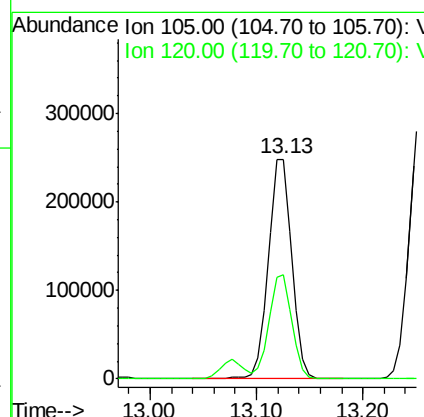
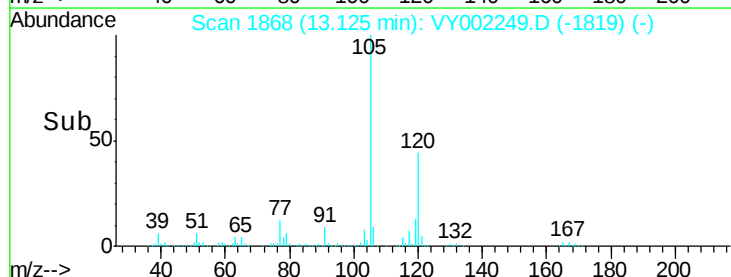
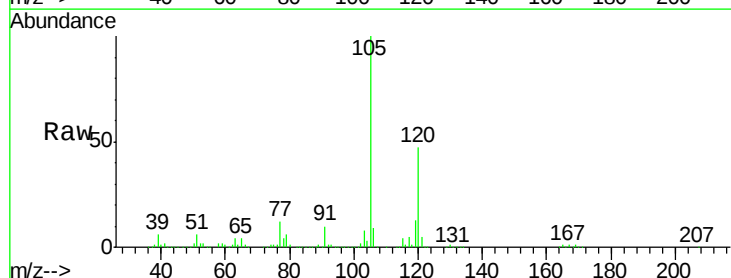
Manual Integrations
 APPROVED

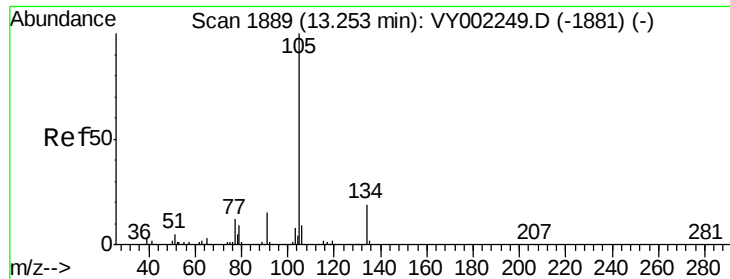
MMDadoda
 4/9/2020 11:32:01 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.008 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.716 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 476293

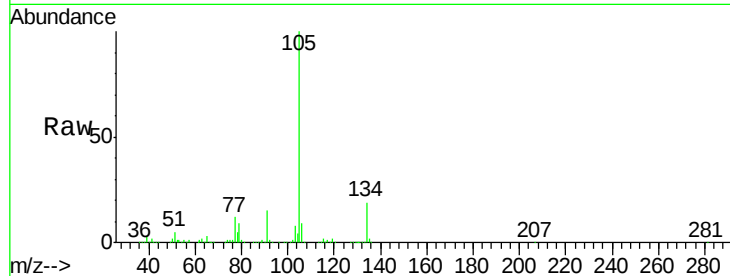
Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3

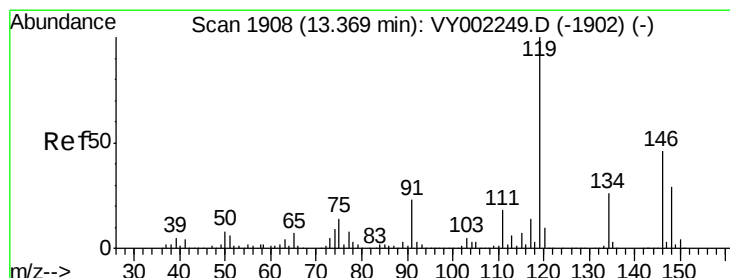
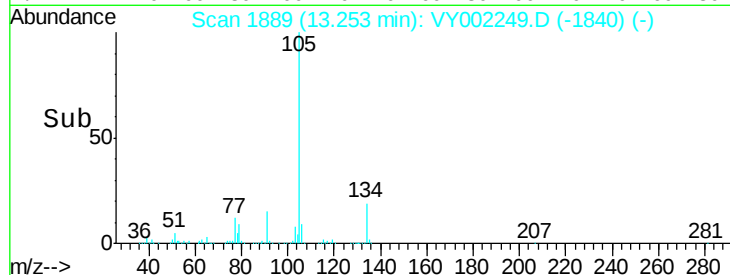
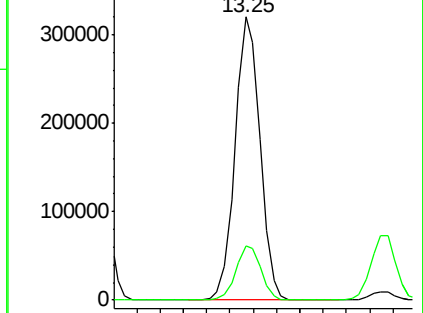
Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.215 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002249.D

Acq: 08 Apr 2020 13:59

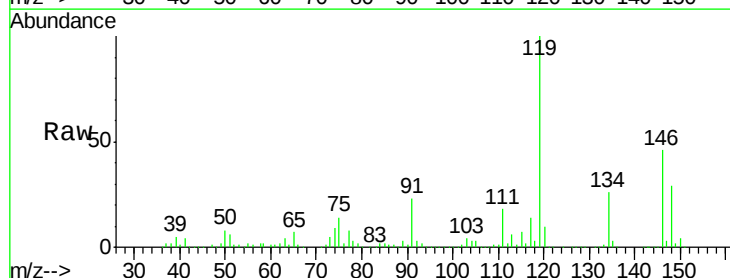
Tgt Ion:119 Resp: 414126

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

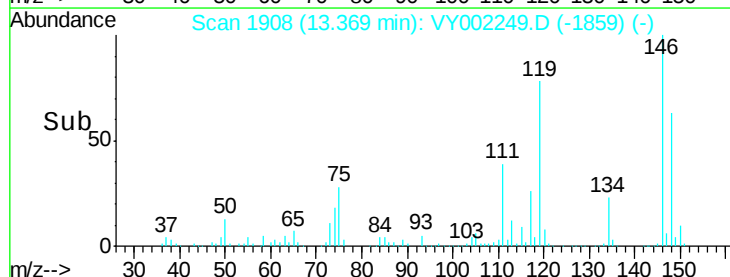
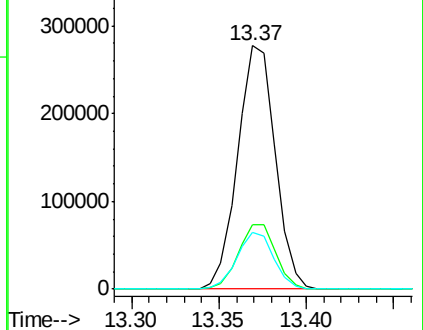
91 22.9 11.5 34.4

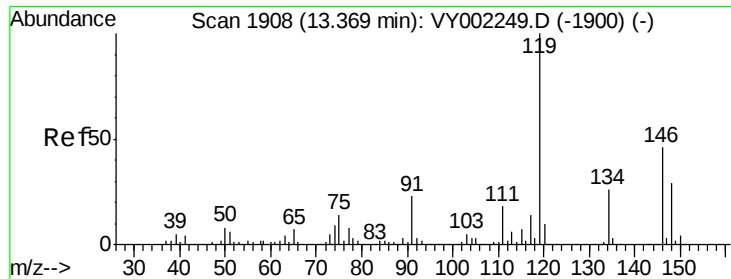


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





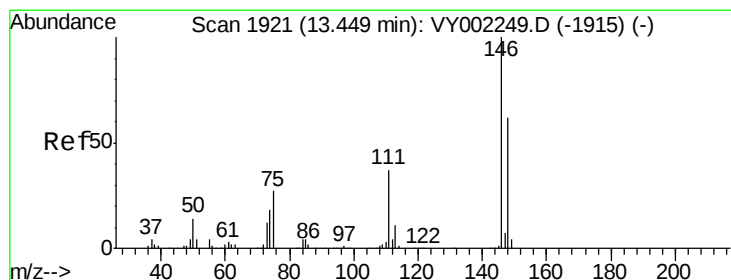
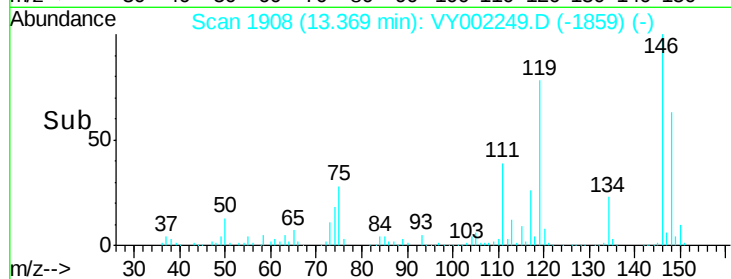
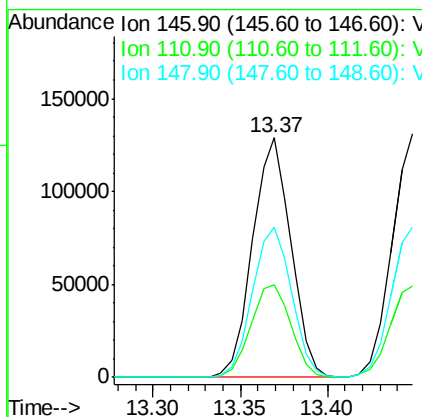
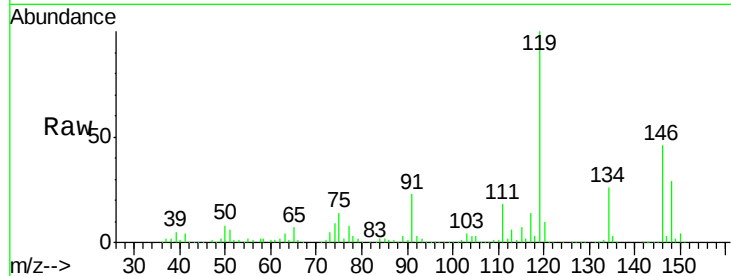
#87
 1,3-Dichlorobenzene
 Concen: 48.484 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	195856		
111	40.5	20.3	60.8	
148	64.2	32.1	96.3	

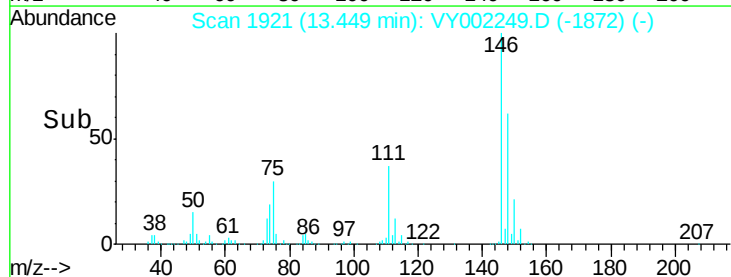
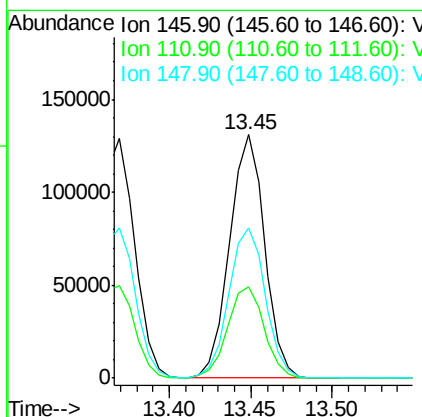
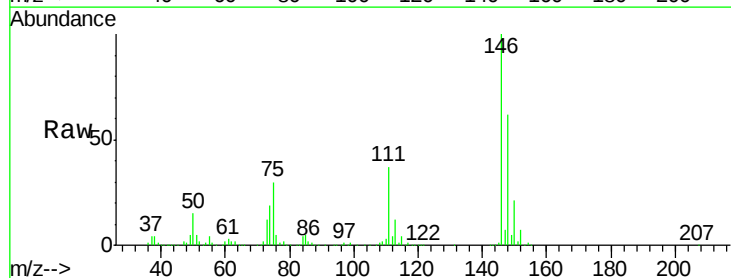
Manual Integrations
 APPROVED

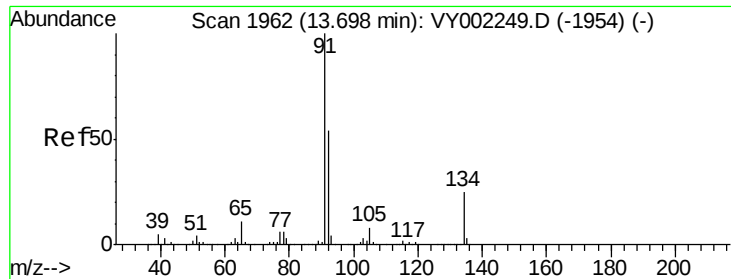
MMDadoda
 4/9/2020 11:32:01 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.809 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196040		
111	39.2	19.6	58.8	
148	64.0	32.0	96.0	





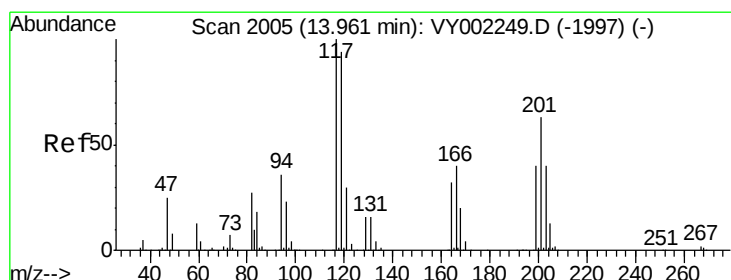
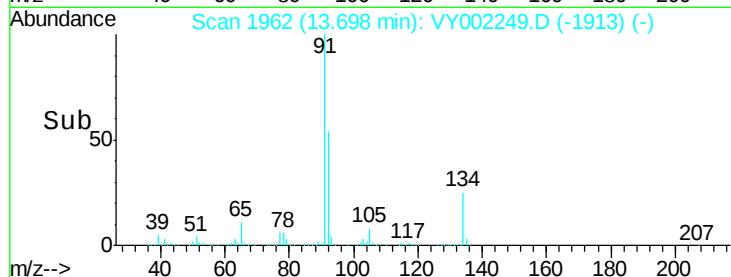
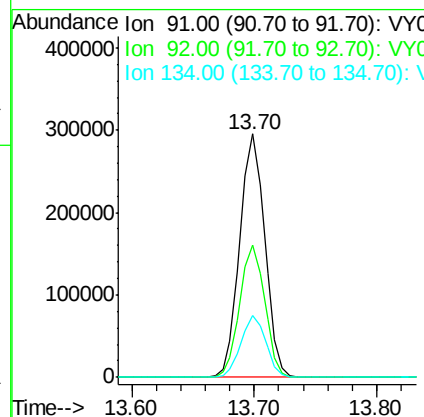
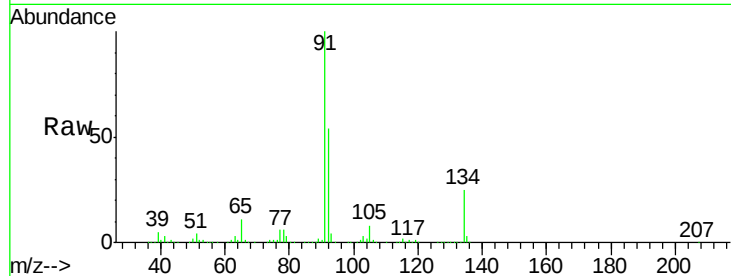
#89
n-Butylbenzene
Concen: 48.501 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	27.2	81.6	
134	25.3	12.7	38.0	

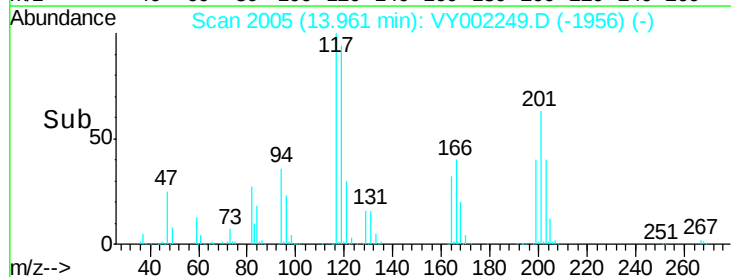
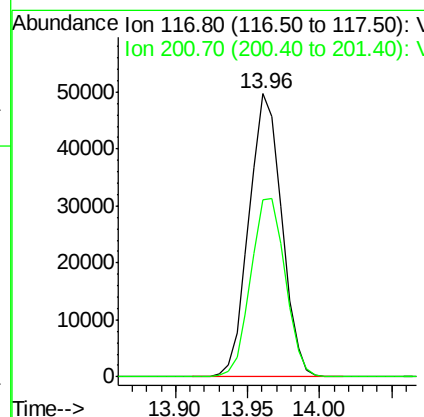
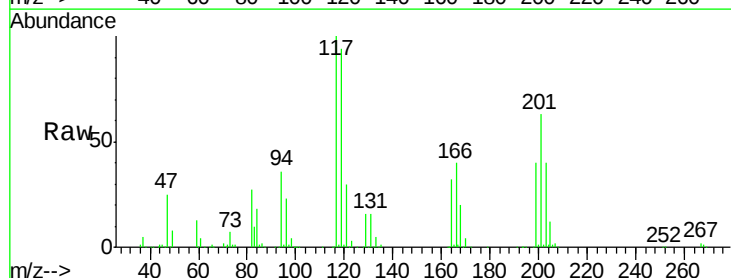
Manual Integrations
APPROVED

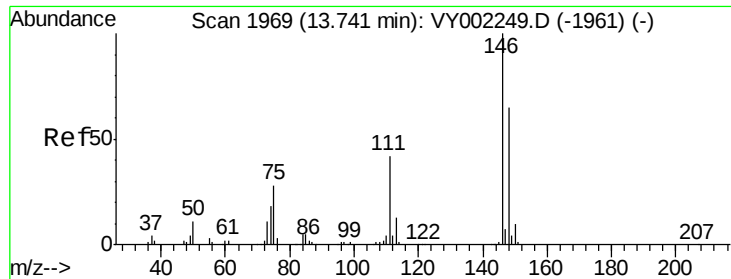
MMDadoda
4/9/2020 11:32:01 AM



#90
Hexachloroethane
Concen: 48.828 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.1	33.1	99.2	





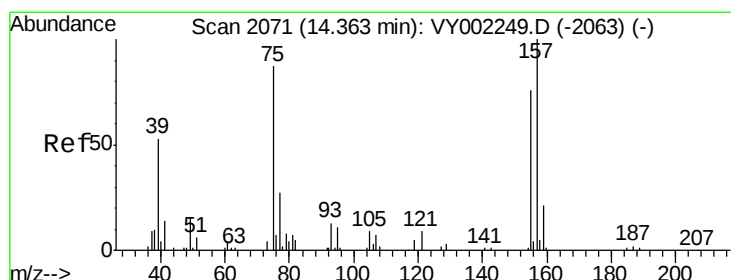
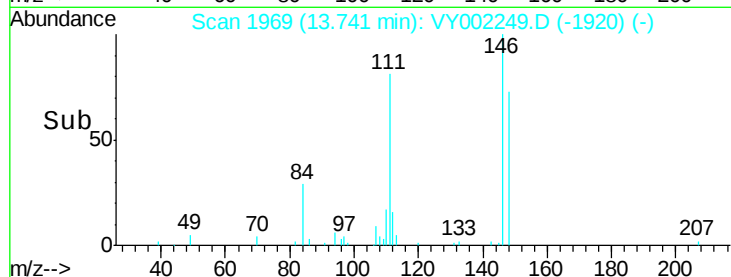
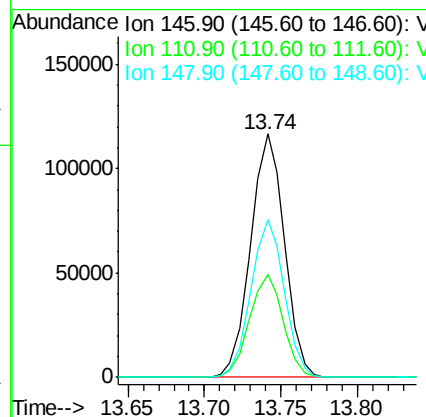
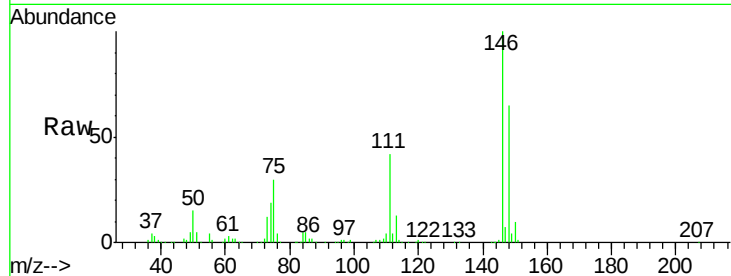
#91
 1,2-Dichlorobenzene
 Concen: 48.818 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	63.9	31.9	95.9

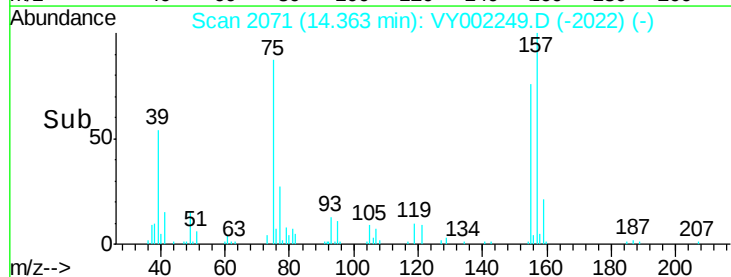
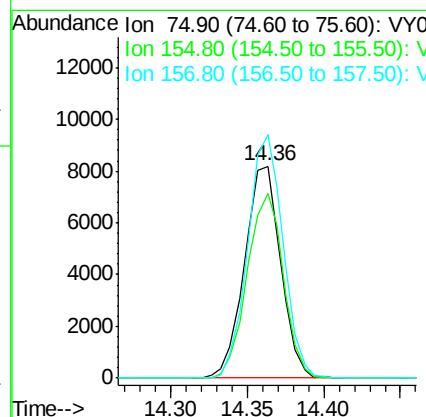
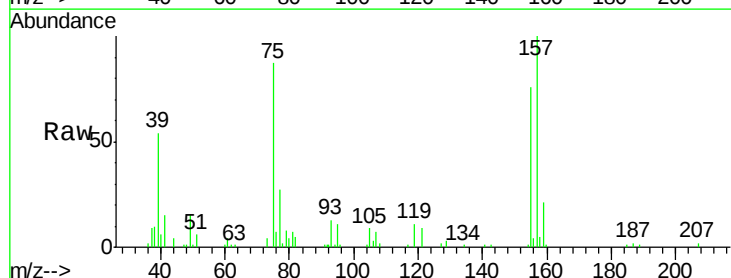
Manual Integrations
 APPROVED

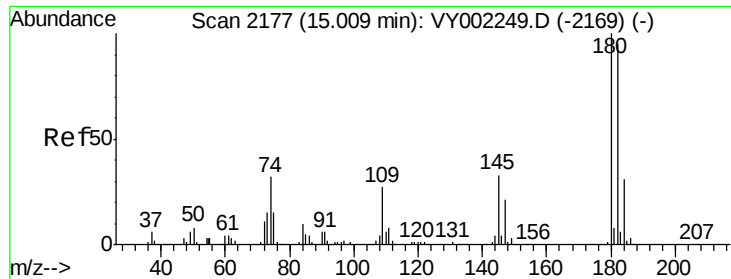
MMDadoda
 4/9/2020 11:32:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.297 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	43.6	130.8
157	112.1	56.0	168.2





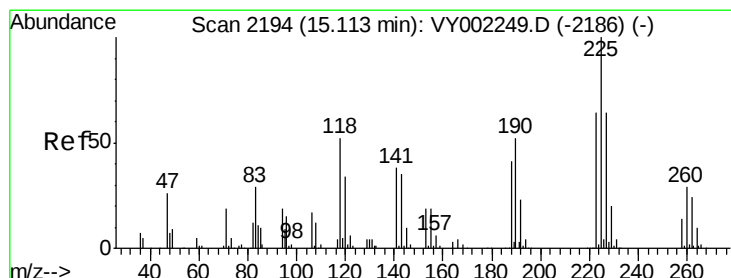
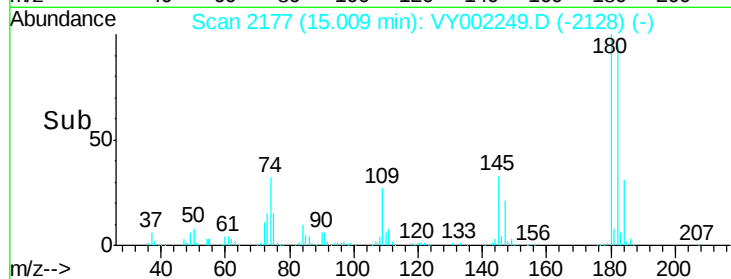
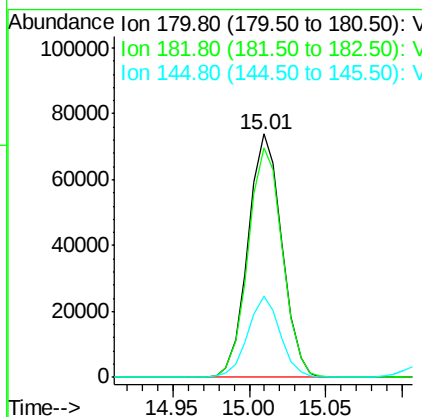
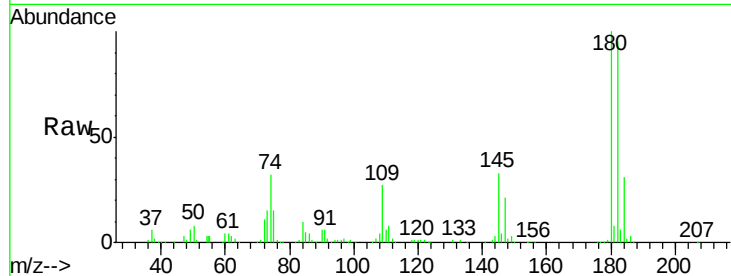
#93
 1,2,4-Trichlorobenzene
 Concen: 47.281 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.9	143.7	
145	32.0	16.0	48.0	

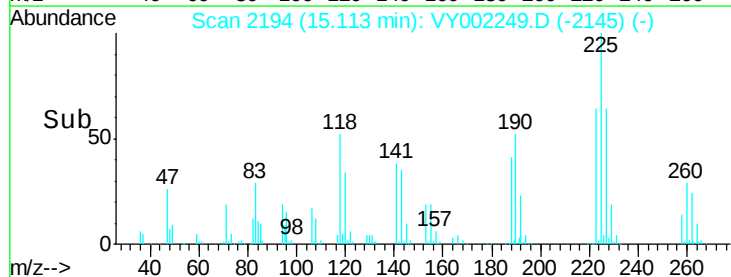
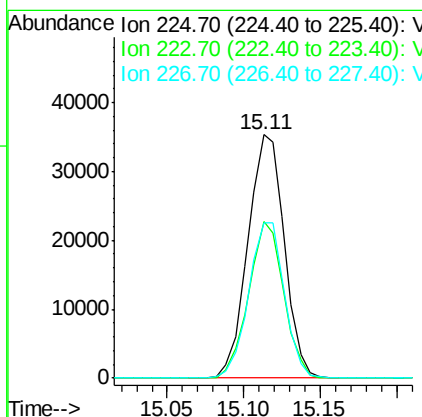
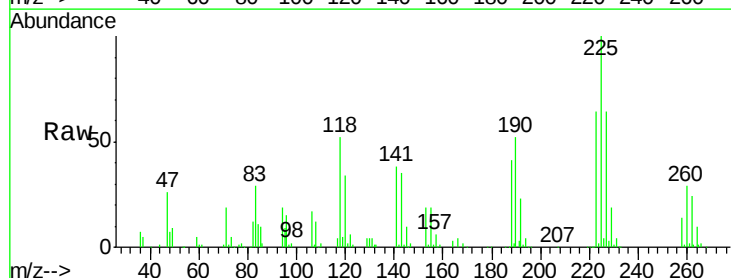
Manual Integrations
 APPROVED

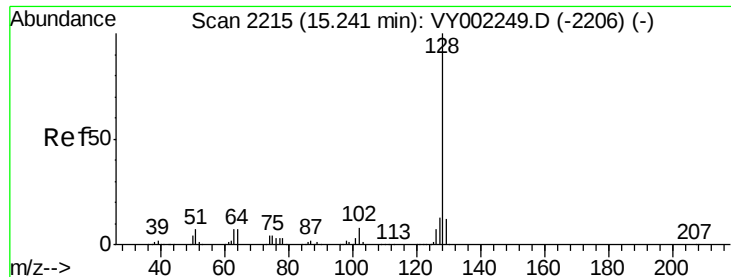
MMDadoda
 4/9/2020 11:32:01 AM



#94
 Hexachlorobutadiene
 Concen: 48.358 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002249.D
 Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	31.0	93.0	
227	62.6	31.3	93.9	





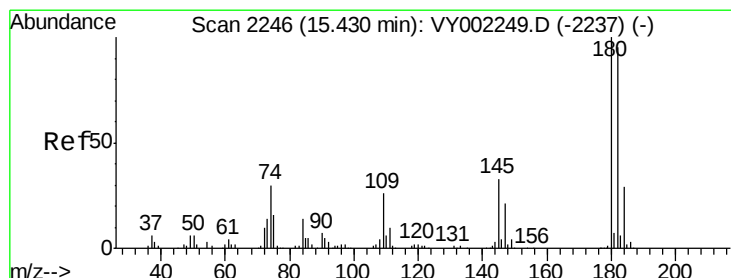
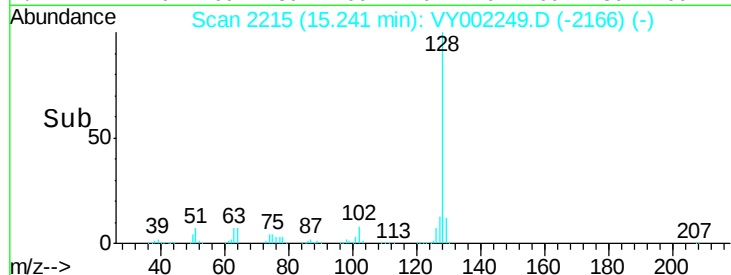
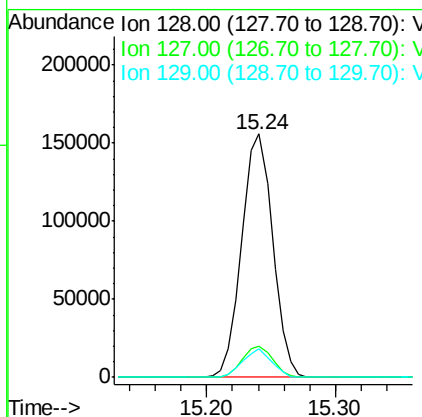
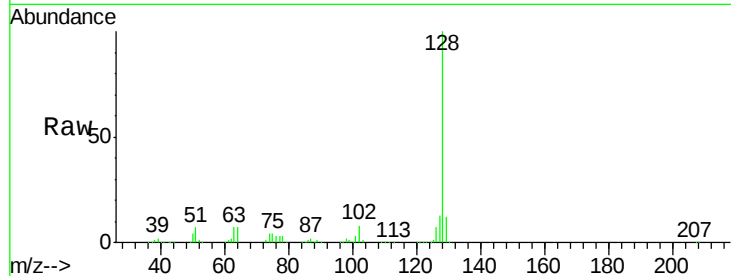
#95
Naphthalene
Concen: 49.431 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	259670		
127	12.6		10.1	15.1
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.836 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002249.D
Acq: 08 Apr 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99656		
182	94.2		47.1	141.3
145	33.4		16.7	50.1

