

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002845.D
 Acq On : 05 Jun 2020 13:52
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:05 AM

Quant Time: Jun 06 08:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	310819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	422184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	134180	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	7.72	113	140045	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	10.18	98	546498	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.48	95	189436	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	45387	21.222	ug/l	99
3) Chloromethane	2.12	50	52153	22.046	ug/l	96
4) Vinyl Chloride	2.26	62	57766	23.103	ug/l	99
5) Bromomethane	2.65	94	40917	21.837	ug/l	99
6) Chloroethane	2.80	64	36018	22.221	ug/l	99
7) Trichlorofluoromethane	3.13	101	96224	21.729	ug/l	97
8) Diethyl Ether	3.54	74	35187	20.349	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	60513	23.015	ug/l	98
10) Methyl Iodide	4.10	142	75473	20.514	ug/l	100
11) Tert butyl alcohol	4.97	59	31261	100.117	ug/l	99
12) 1,1-Dichloroethene	3.88	96	58408	22.089	ug/l	90
13) Acrolein	3.74	56	26833	84.843	ug/l	100
14) Allyl chloride	4.49	41	85941	22.662	ug/l	100
15) Acrylonitrile	5.18	53	85436	109.522	ug/l	99
16) Acetone	3.96	43	68212	107.789	ug/l	99
17) Carbon Disulfide	4.20	76	168877	21.135	ug/l	97
18) Methyl Acetate	4.49	43	39735	24.530	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	159075	21.792	ug/l	100
20) Methylene Chloride	4.72	84	71756	23.203	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	65183	21.920	ug/l	98
22) Diisopropyl ether	6.13	45	178313	22.626	ug/l	97
23) Vinyl Acetate	6.07	43	575820	110.669	ug/l	98
24) 1,1-Dichloroethane	6.02	63	102822	22.304	ug/l	99
25) 2-Butanone	7.00	43	104178	105.663	ug/l	99
26) 2,2-Dichloropropane	6.99	77	95668	21.638	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	72740	21.851	ug/l	99
28) Bromochloromethane	7.34	49	43372	22.918	ug/l	98
29) Tetrahydrofuran	7.36	42	68776	107.241	ug/l	100
30) Chloroform	7.52	83	107857	22.048	ug/l	96
31) Cyclohexane	7.79	56	99937	21.834	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	98978	21.713	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84175	21.761	ug/l	100
37) Ethyl Acetate	7.08	43	46987	22.326	ug/l	99
38) Carbon Tetrachloride	7.90	117	92963	21.633	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002845.D
 Acq On : 05 Jun 2020 13:52
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:05 AM

Quant Time: Jun 06 08:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	110148	21.603	ug/l	98
40) Benzene	8.17	78	249737	21.850	ug/l	99
41) Methacrylonitrile	7.33	41	28439m	25.153	ug/l	
42) 1,2-Dichloroethane	8.24	62	69476	21.689	ug/l	100
43) Isopropyl Acetate	8.28	43	85242	21.373	ug/l	99
44) Trichloroethene	8.94	130	77619	21.499	ug/l	98
45) 1,2-Dichloropropane	9.22	63	60953	22.237	ug/l	100
46) Dibromomethane	9.31	93	34999	21.500	ug/l	99
47) Bromodichloromethane	9.50	83	84256	21.955	ug/l	97
48) Methyl methacrylate	9.30	41	38783	21.541	ug/l	98
49) 1,4-Dioxane	9.30	88	10630	425.284	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	228646	108.266	ug/l	99
52) Toluene	10.24	92	162997	21.799	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	91185	21.754	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	103546	21.801	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	54518	21.876	ug/l	97
56) Ethyl methacrylate	10.51	69	72594	21.747	ug/l	100
57) 1,3-Dichloropropane	10.79	76	88875	21.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	177252	108.673	ug/l	99
59) 2-Hexanone	10.83	43	163099	108.846	ug/l	99
60) Dibromochloromethane	10.99	129	68208	21.587	ug/l	99
61) 1,2-Dibromoethane	11.09	107	52737	21.452	ug/l	99
64) Tetrachloroethene	10.72	164	80501	20.980	ug/l	97
65) Chlorobenzene	11.52	112	182853	21.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69737	22.190	ug/l	98
67) Ethyl Benzene	11.60	91	318601	22.024	ug/l	99
68) m/p-Xylenes	11.70	106	246262	43.906	ug/l	100
69) o-Xylene	12.03	106	115933	21.895	ug/l	99
70) Styrene	12.05	104	199241	21.706	ug/l	99
71) Bromoform	12.21	173	45506	21.640	ug/l	# 99
73) Isopropylbenzene	12.33	105	320482	21.586	ug/l	99
74) N-amyl acetate	12.14	43	81551	21.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	58735	22.548	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	45985m	22.028	ug/l	
77) Bromobenzene	12.61	156	81764	21.150	ug/l	99
78) n-propylbenzene	12.67	91	372796	21.738	ug/l	100
79) 2-Chlorotoluene	12.75	91	205271	21.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	266931	21.533	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23079	20.829	ug/l	98
82) 4-Chlorotoluene	12.85	91	217479	21.577	ug/l	99
83) tert-Butylbenzene	13.08	119	238781	21.594	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	267685	21.476	ug/l	100
85) sec-Butylbenzene	13.25	105	327422	21.656	ug/l	100
86) p-Isopropyltoluene	13.37	119	305286	21.700	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	156652	21.393	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	157718	21.531	ug/l	99
89) n-Butylbenzene	13.70	91	278865	21.833	ug/l	100
90) Hexachloroethane	13.96	117	57122	21.689	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	142475	21.454	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10390	20.731	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002845.D
Acq On : 05 Jun 2020 13:52
Operator : SY/MD
Sample : VY0605SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM

Quant Time: Jun 06 08:09:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	109893	21.954	ug/l	100
94) Hexachlorobutadiene	15.11	225	63141	22.240	ug/l	98
95) Naphthalene	15.23	128	212086	21.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	96538	21.597	ug/l	99

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

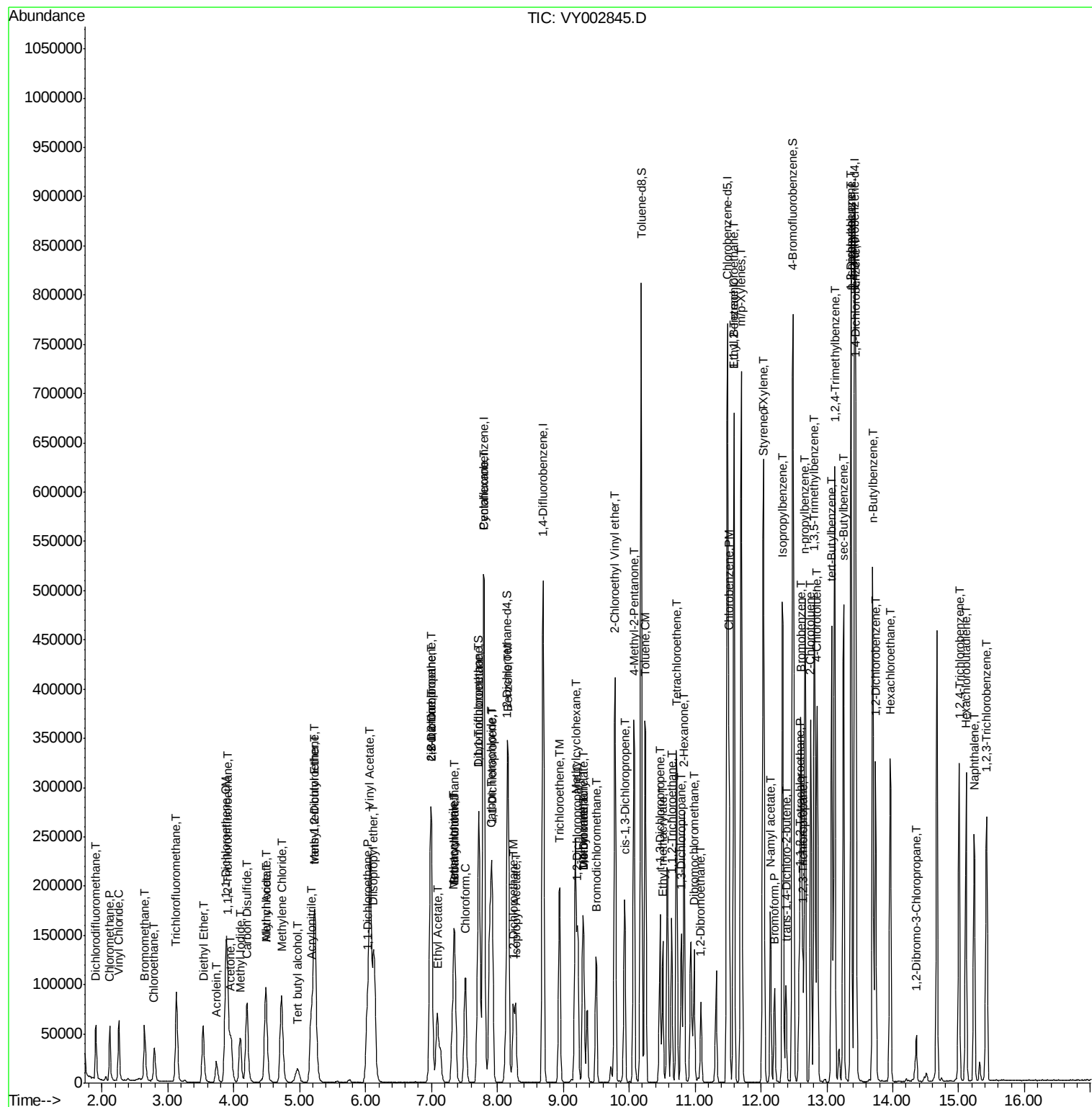
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002845.D
 Acq On : 05 Jun 2020 13:52
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

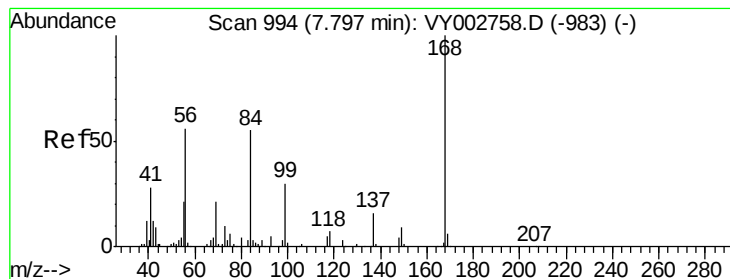
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:05 AM

Quant Time: Jun 06 08:09:54 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion:168 Resp: 310819

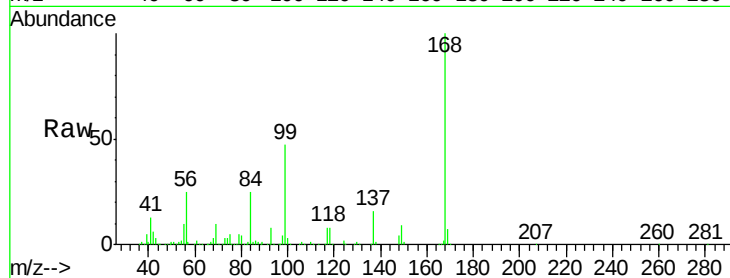
Ion Ratio Lower Upper

168 100

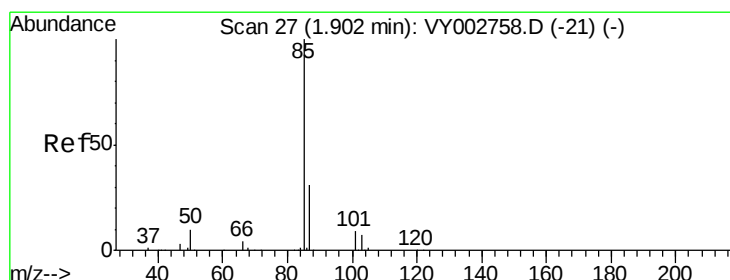
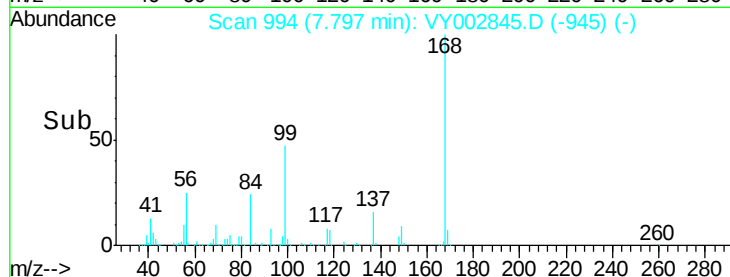
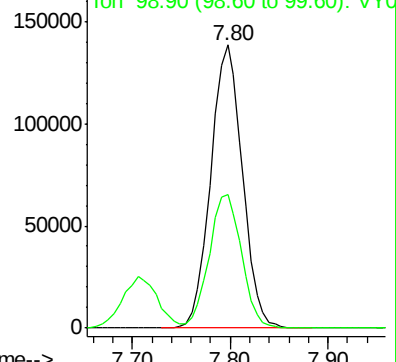
99 47.4 39.0 58.4

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 21.222 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002845.D

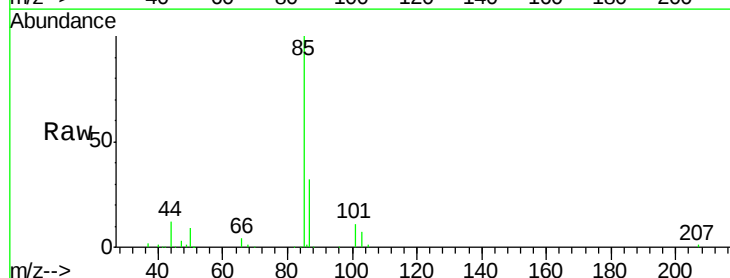
Acq: 05 Jun 2020 13:52

Tgt Ion: 85 Resp: 45387

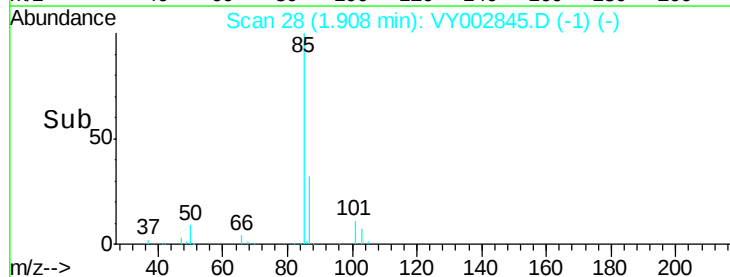
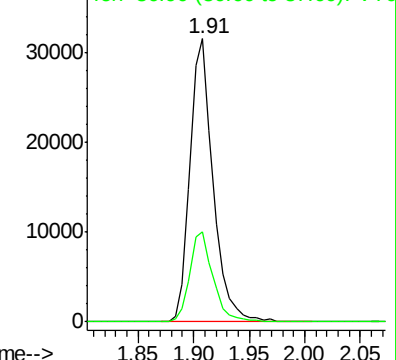
Ion Ratio Lower Upper

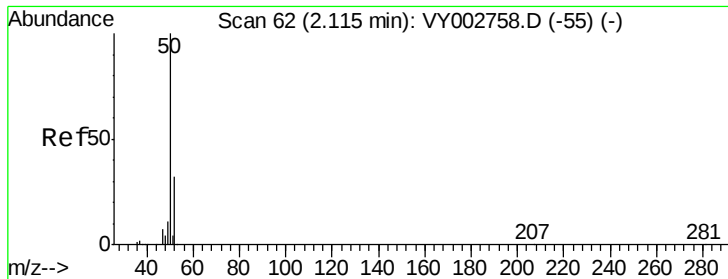
85 100

87 31.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)





#3

Chloromethane

Concen: 22.046 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

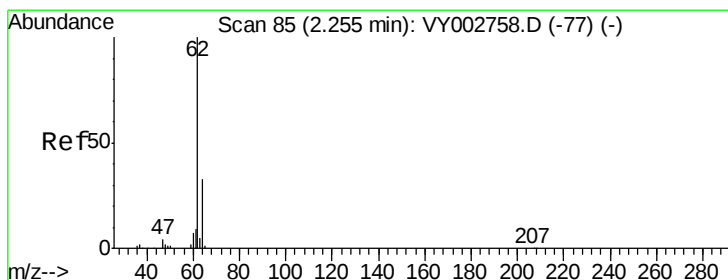
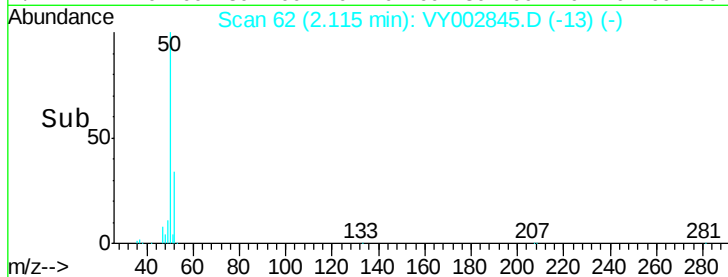
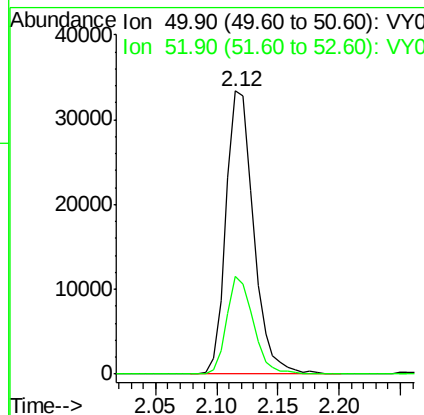
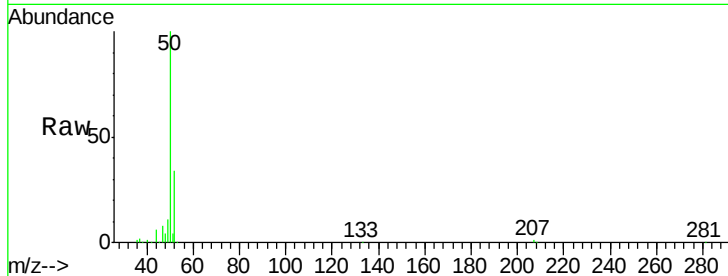
ClientSampleId :

VY0605SBS01

Tot Ion	50	Resp	52153
Ion Ratio	100	Lower	Upper
50	100		
52	34.3	25.8	38.6

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#4

Vinyl Chloride

Concen: 23.103 ug/l

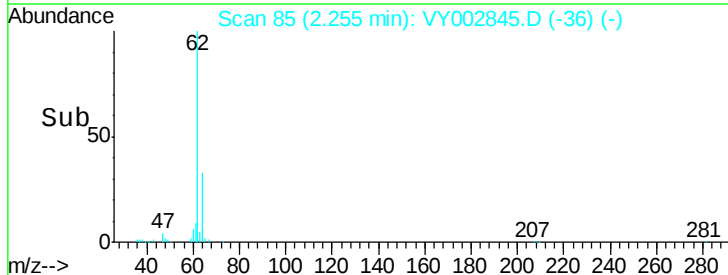
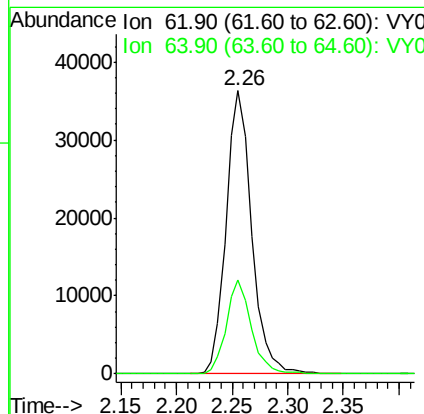
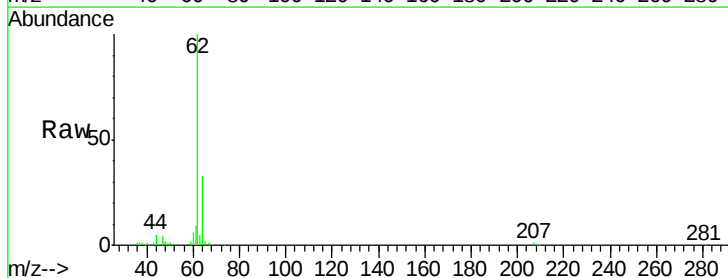
RT: 2.26 min Scan# 85

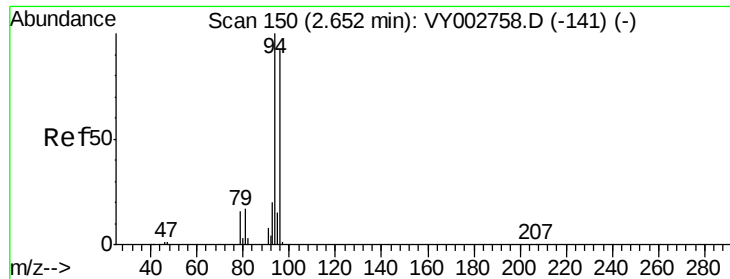
Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion	62	Resp	57766
Ion Ratio	100	Lower	Upper
62	100		
64	33.0	26.1	39.1





#5

Bromomethane

Concen: 21.837 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 94 Resp: 40917

Ion Ratio Lower Upper

94 100

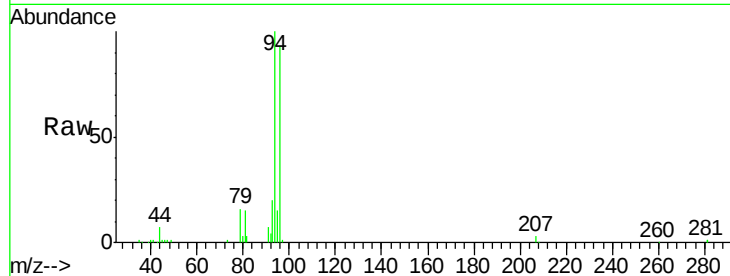
96 93.0 73.7 110.5

Manual Integrations

APPROVED

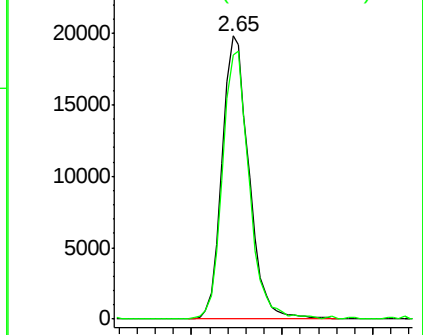
MMDadoda

6/8/2020 11:28:05 AM

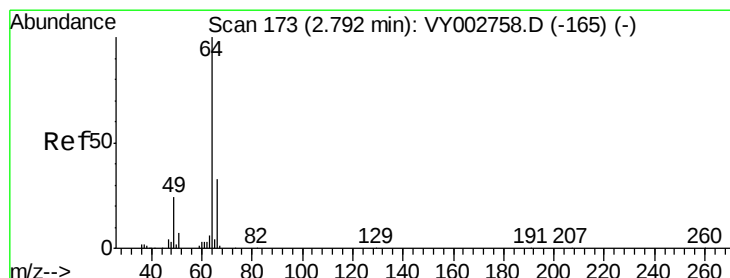
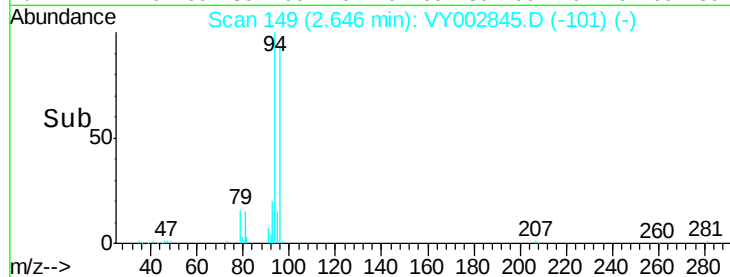


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



Time-->



#6

Chloroethane

Concen: 22.221 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002845.D

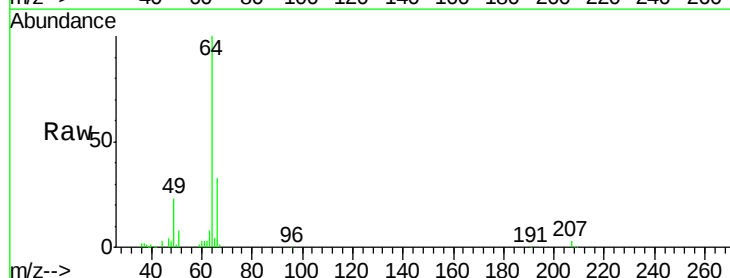
Acq: 05 Jun 2020 13:52

Tgt Ion: 64 Resp: 36018

Ion Ratio Lower Upper

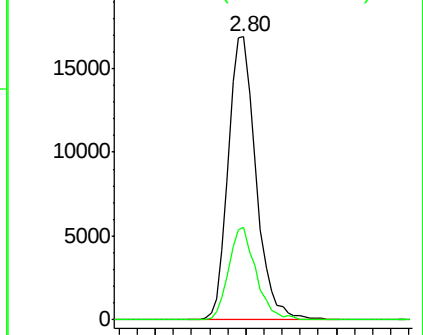
64 100

66 32.6 26.4 39.6

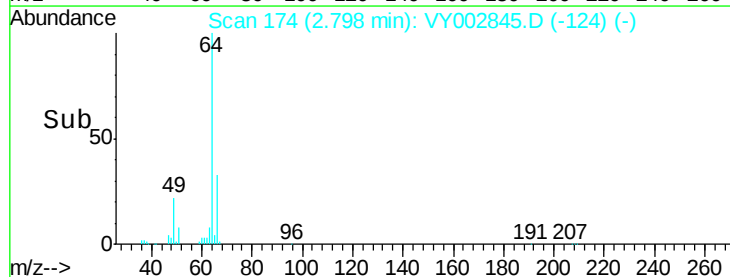


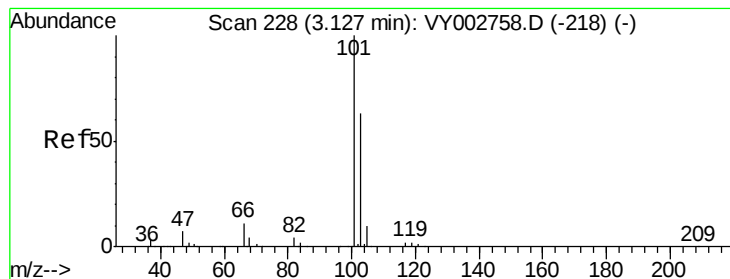
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



Time-->





#7

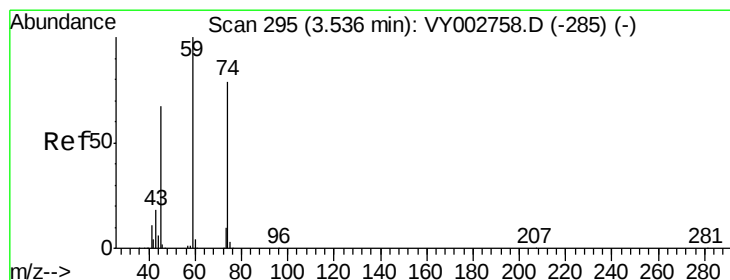
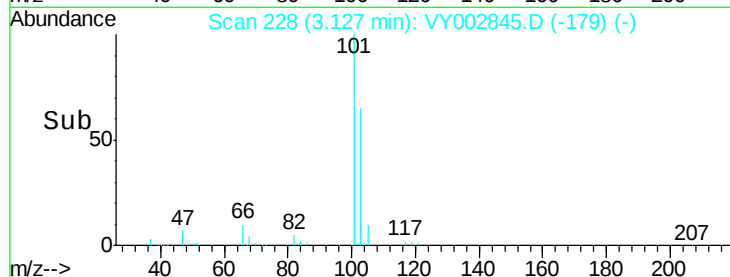
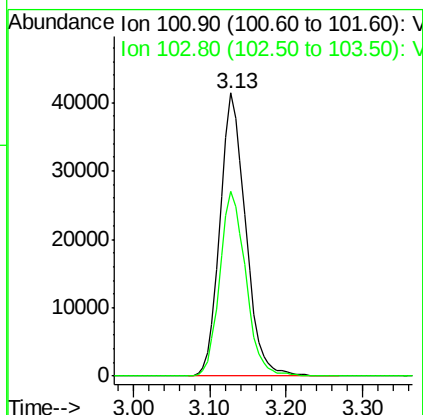
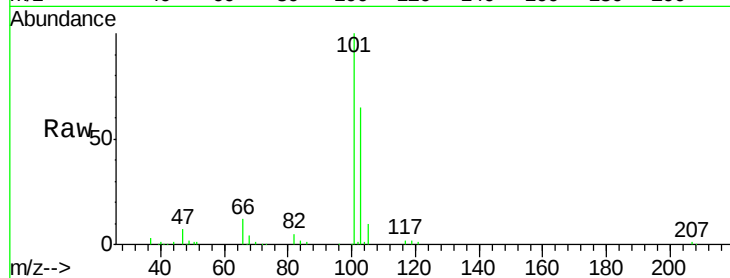
Trichlorofluoromethane
 Concen: 21.729 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.6	76.0

Manual Integrations
 APPROVED

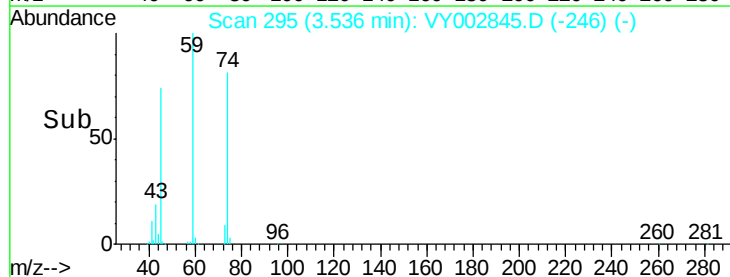
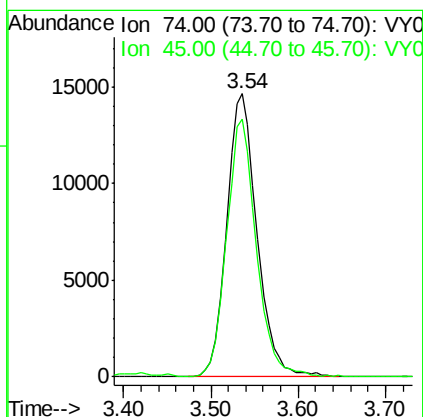
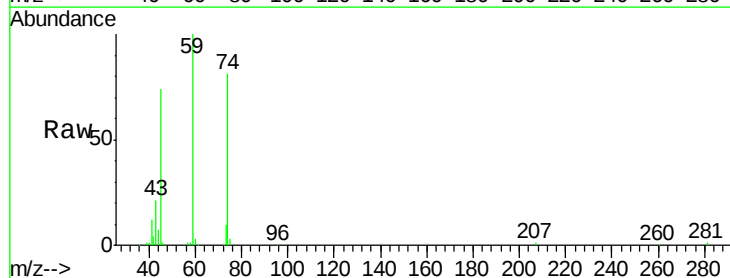
MMDadoda
 6/8/2020 11:28:05 AM

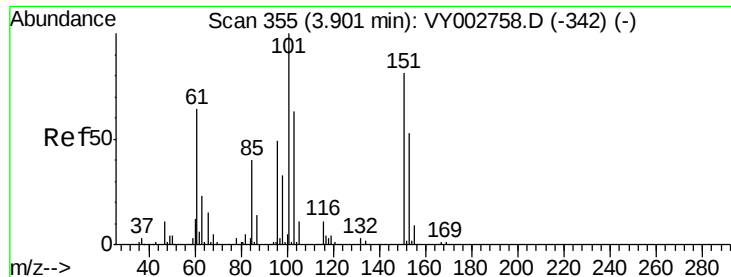


#8

Diethyl Ether
 Concen: 20.349 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.015 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

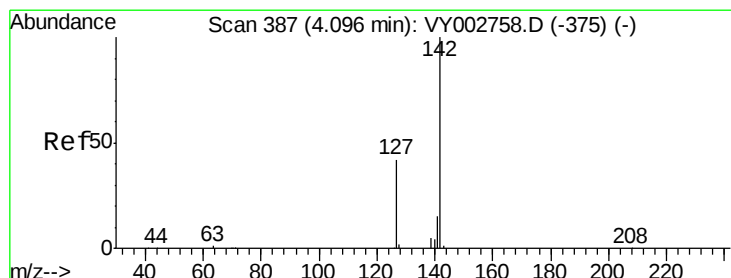
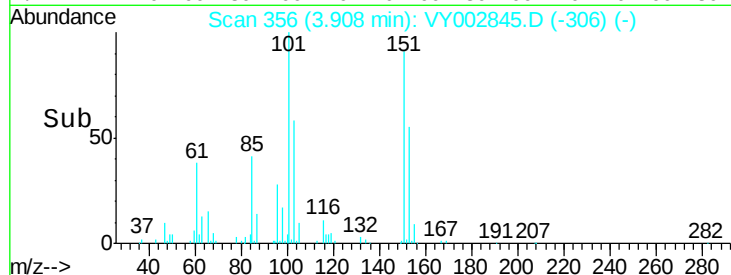
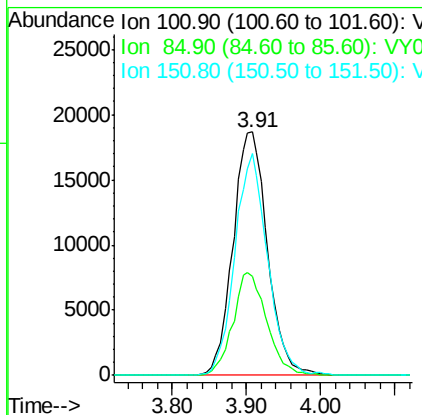
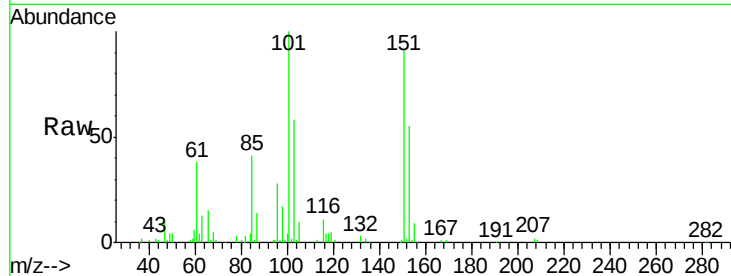
ClientSampleId :

VY0605SBS01

Tot Ion:	101	Resp:	60513
Ion Ratio	Lower	Upper	
101	100		
85	41.5	32.7	49.1
151	86.7	68.0	102.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#10

Methyl Iodide

Concen: 20.514 ug/l

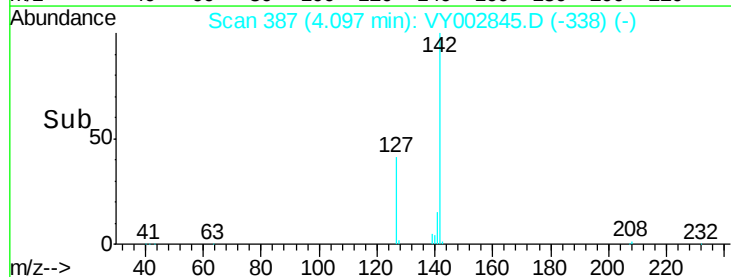
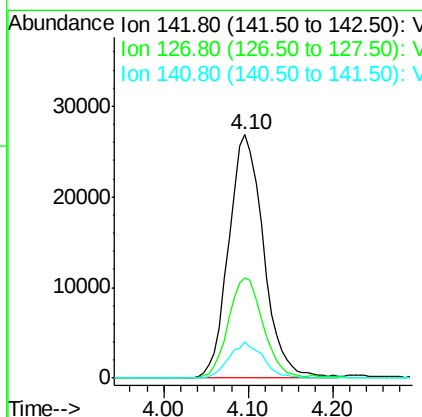
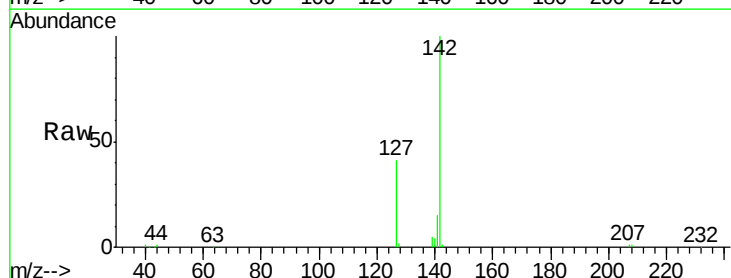
RT: 4.10 min Scan# 387

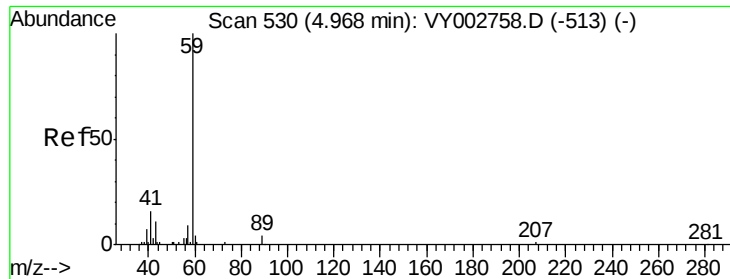
Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	142	Resp:	75473
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	14.4	11.5	17.3





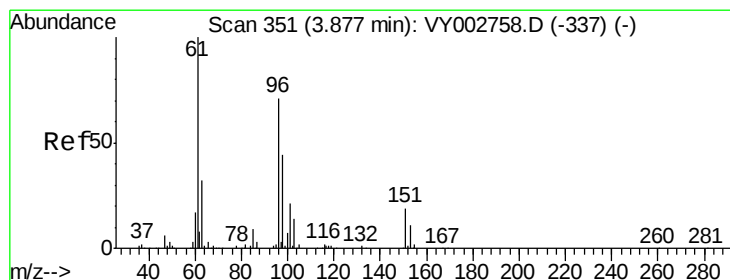
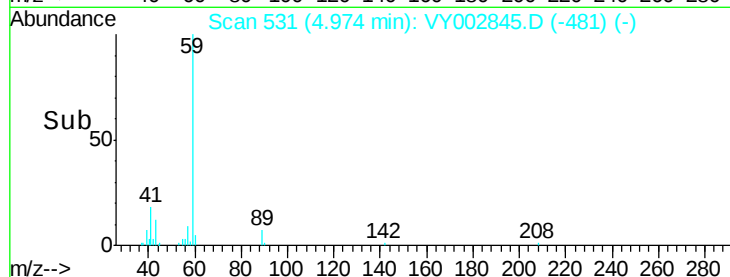
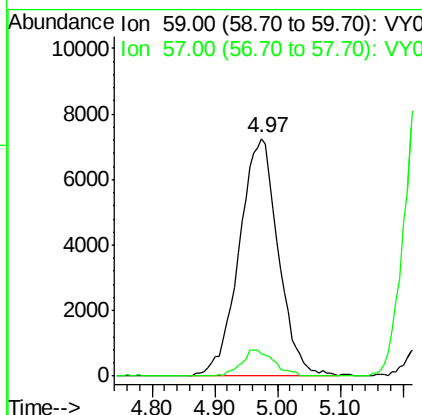
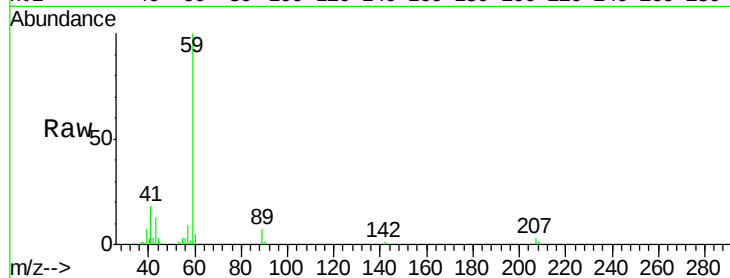
#11
Tert butyl alcohol
Concen: 100.117 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.7	11.5

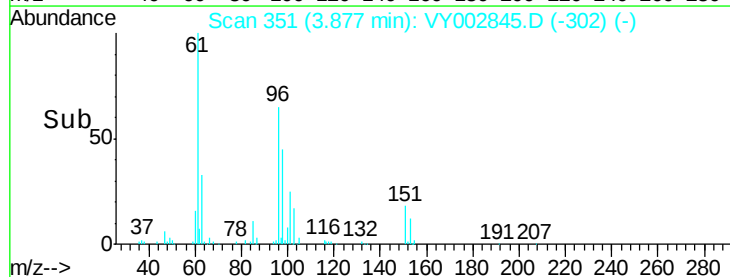
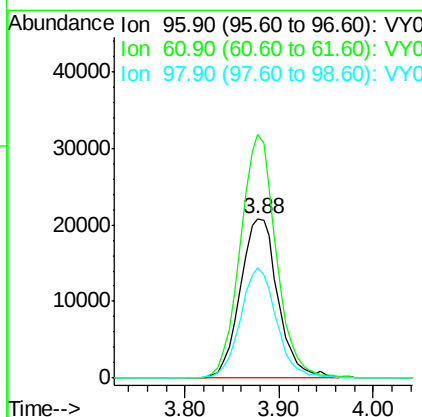
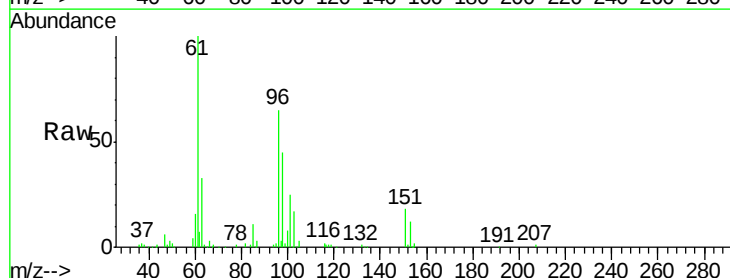
Manual Integrations
APPROVED

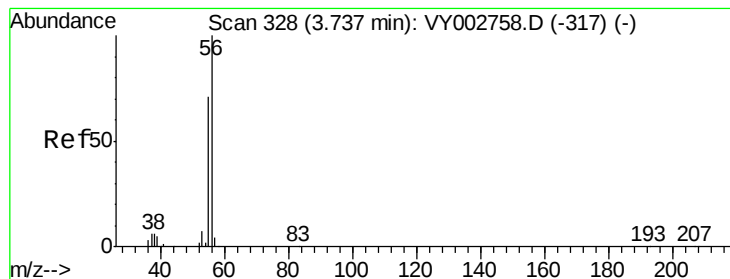
MMDadoda
6/8/2020 11:28:05 AM



#12
1,1-Dichloroethene
Concen: 22.089 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.9	112.6	168.8
98	69.5	50.0	75.0





#13

Acrolein

Concen: 84.843 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 56 Resp: 26833

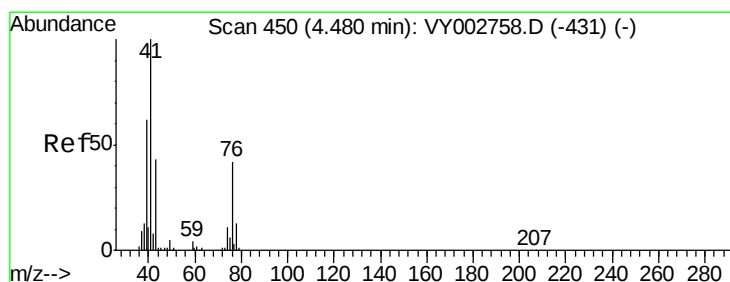
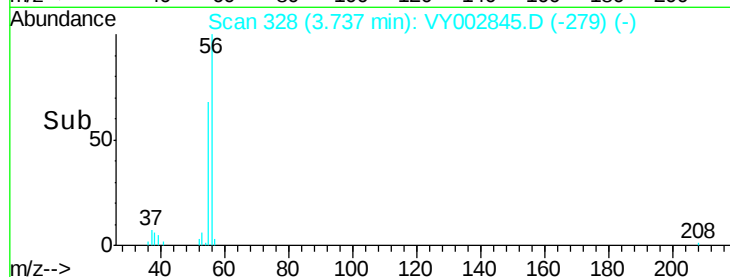
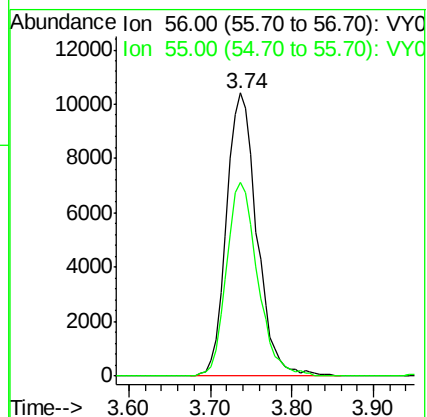
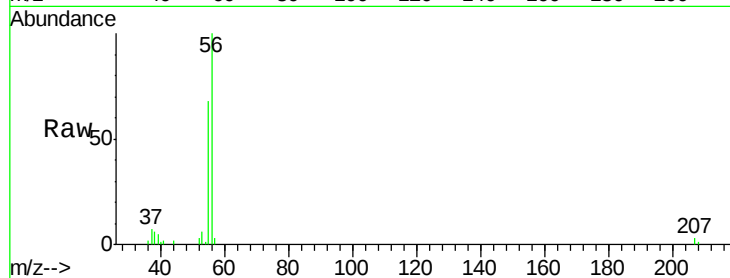
Ion Ratio Lower Upper

56 100

55 70.3 56.0 84.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#14

Allyl chloride

Concen: 22.662 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

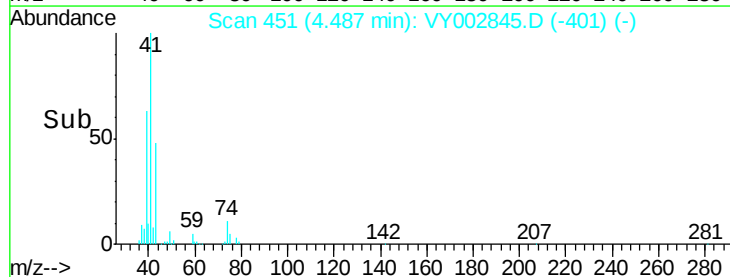
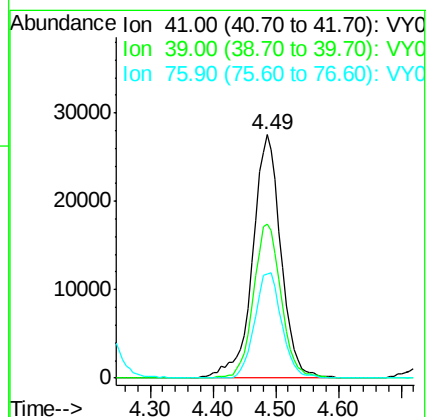
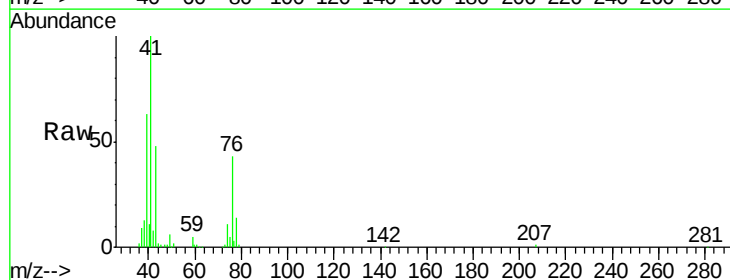
Tgt Ion: 41 Resp: 85941

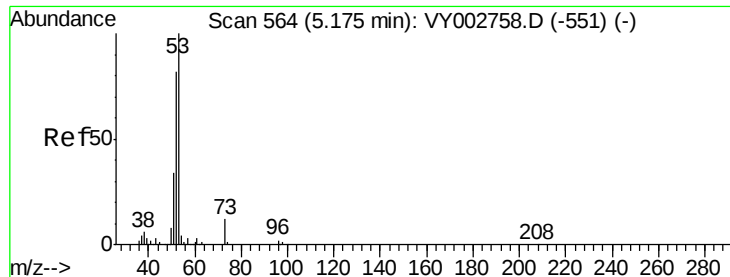
Ion Ratio Lower Upper

41 100

39 62.1 49.9 74.9

76 41.5 33.2 49.8





#15

Acrylonitrile

Concen: 109.522 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

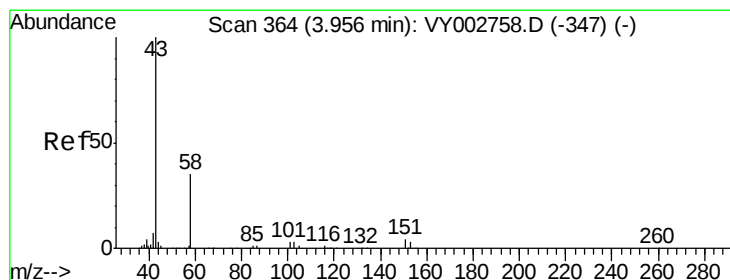
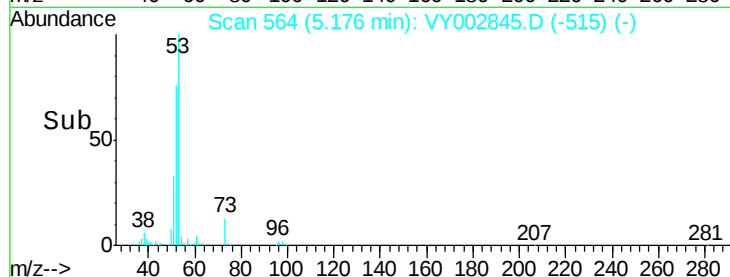
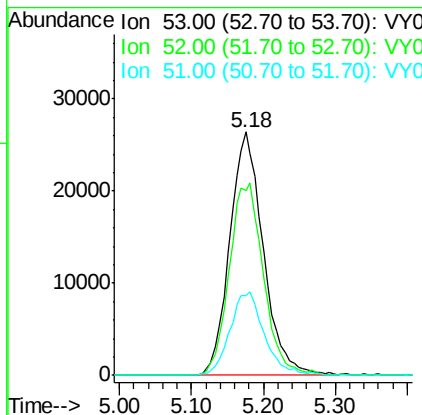
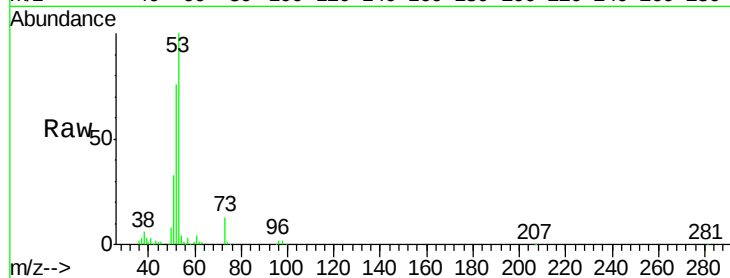
ClientSampleId :

VY0605SBS01

Tot Ion:	53	Resp:	85436
Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.3	97.9
51	34.9	28.0	42.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#16

Acetone

Concen: 107.789 ug/l

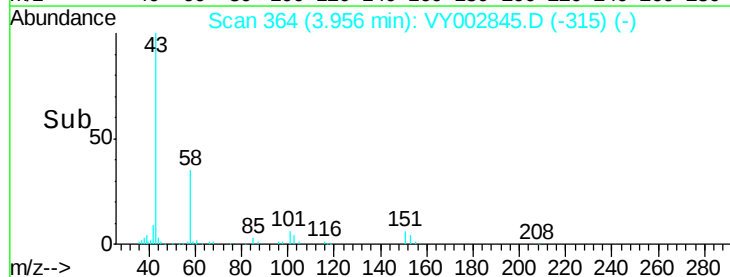
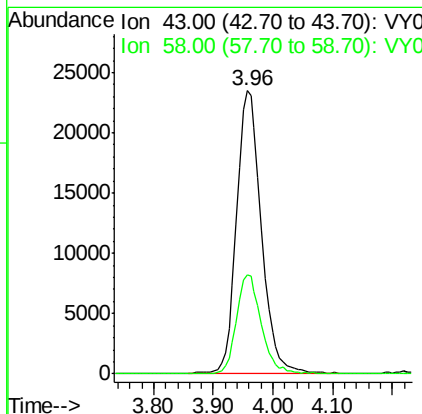
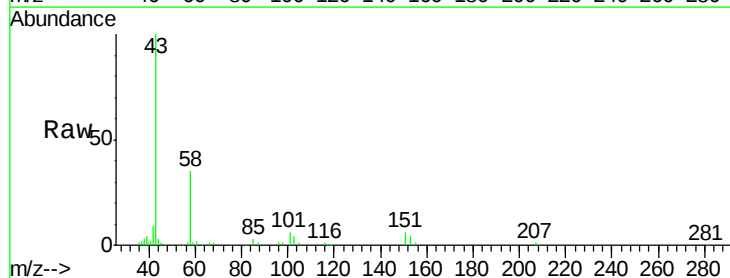
RT: 3.96 min Scan# 364

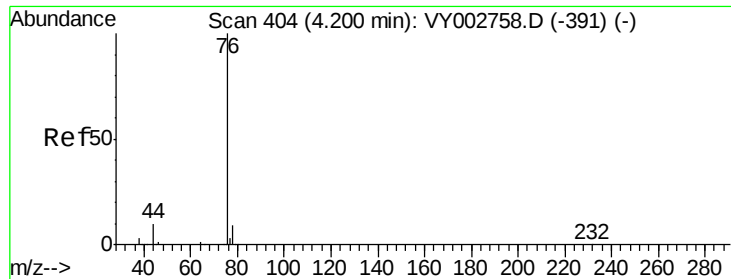
Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	43	Resp:	68212
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.7	41.5





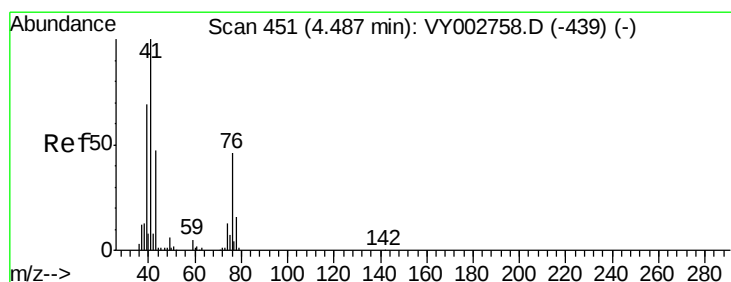
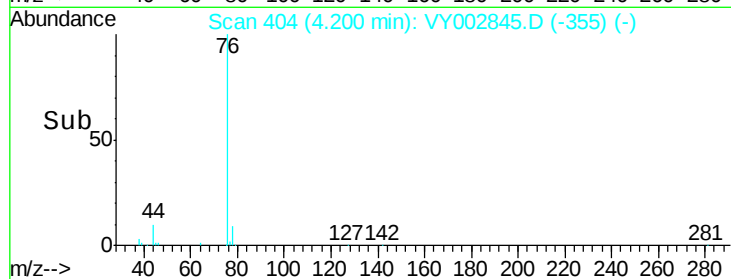
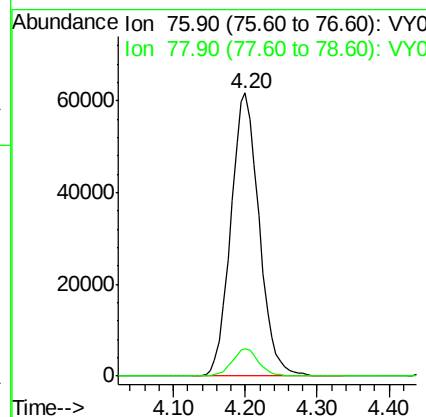
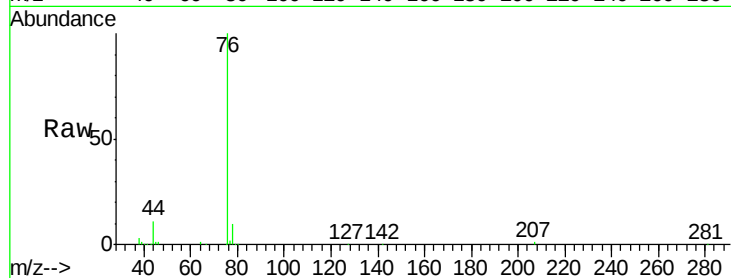
#17
Carbon Disulfide
Concen: 21.135 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.9	10.3

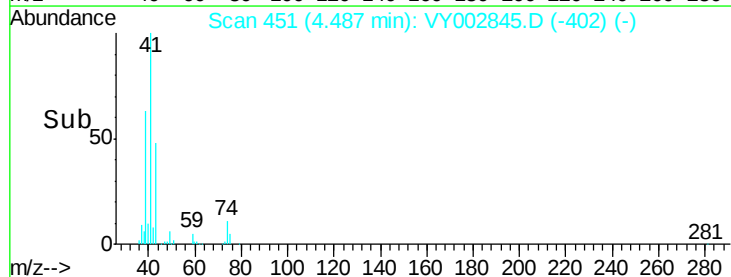
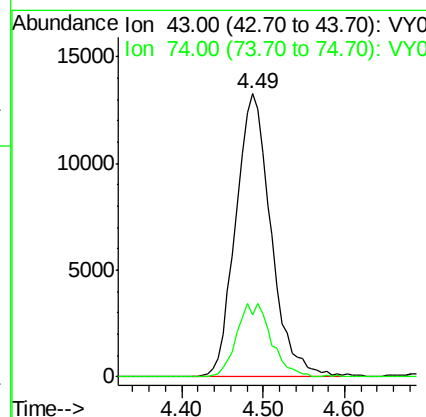
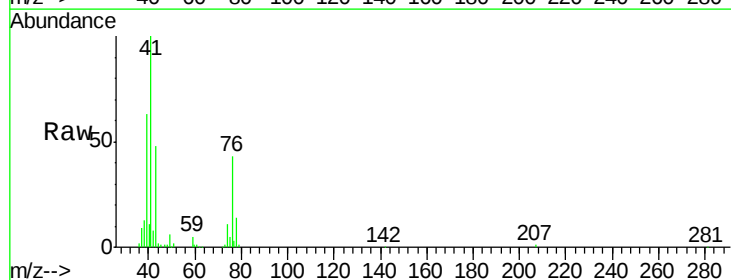
Manual Integrations
APPROVED

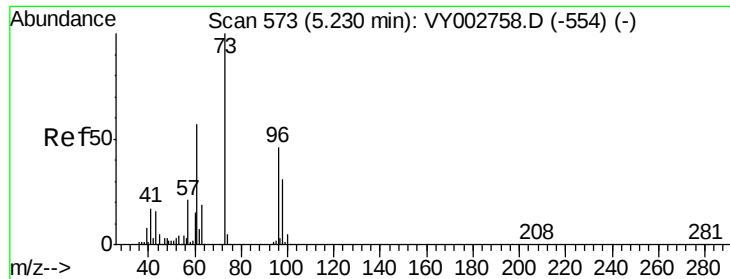
MMDadoda
6/8/2020 11:28:05 AM



#18
Methyl Acetate
Concen: 24.530 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	21.4	32.0





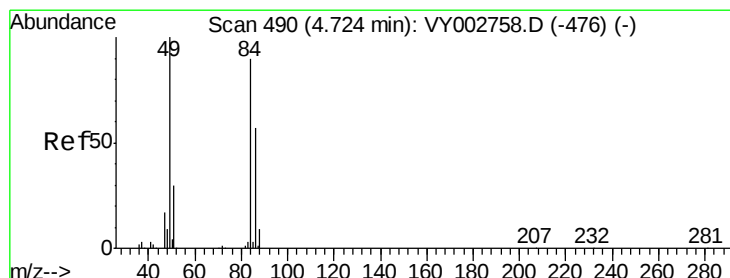
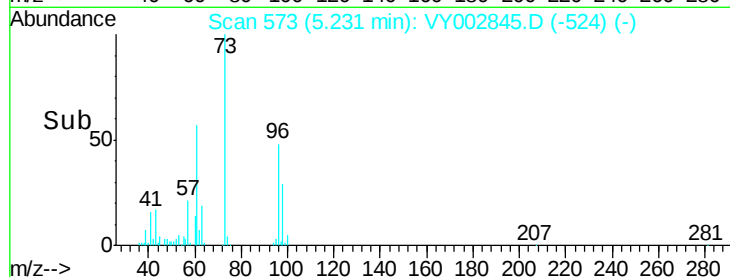
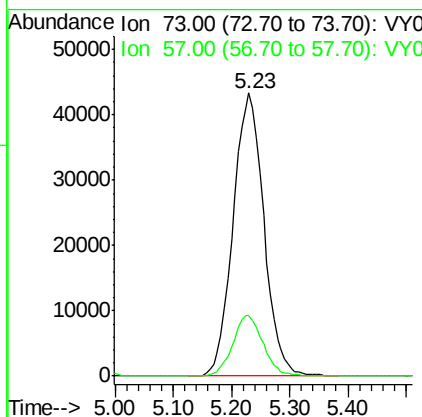
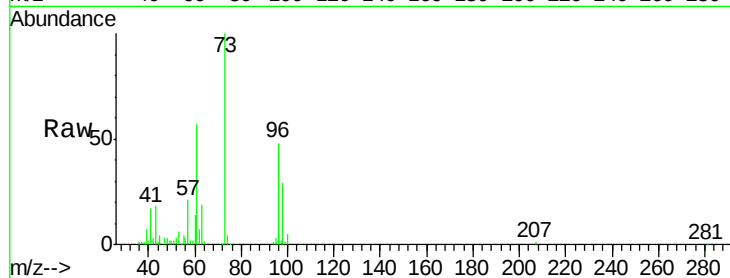
#19
Methvl tert-butvl Ether
Concen: 21.792 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.0	25.4

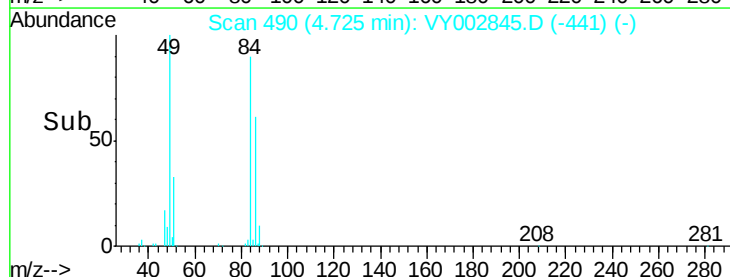
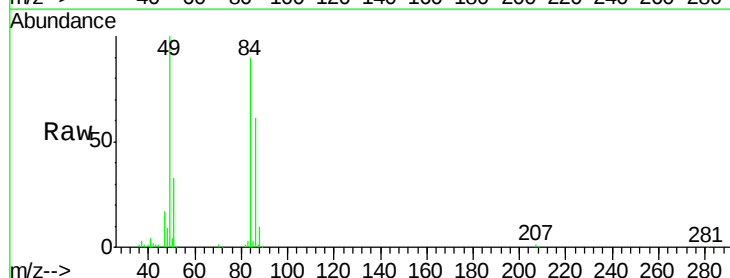
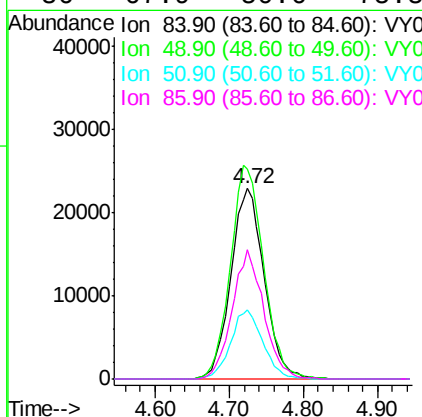
Manual Integrations
APPROVED

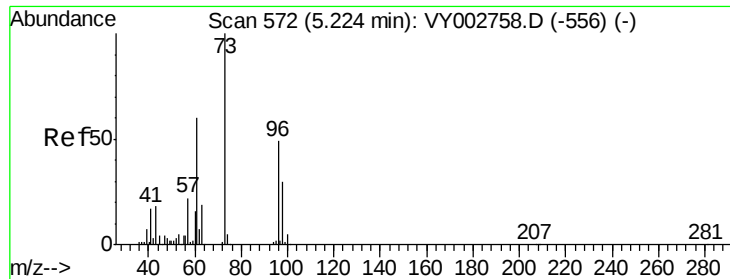
MMDadoda
6/8/2020 11:28:05 AM



#20
Methylene Chloride
Concen: 23.203 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.5	88.5	132.7
51	36.1	26.8	40.2
86	67.9	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 21.920 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

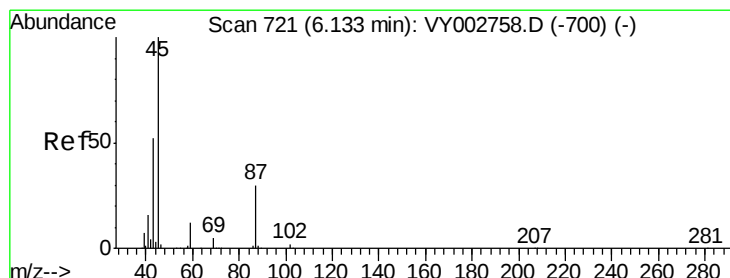
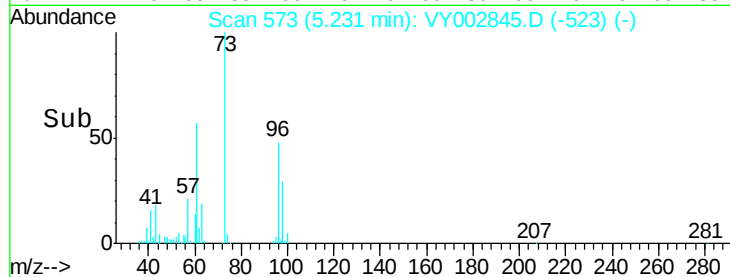
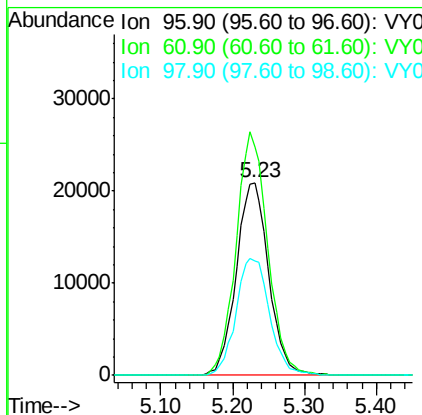
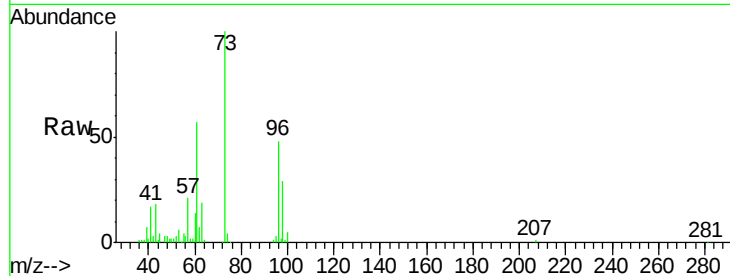
ClientSampleId :

VY0605SBS01

Tot Ion:	96	Resp:	65183
Ion	Ratio	Lower	Upper
96	100		
61	118.4	96.8	145.2
98	59.6	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#22

Diisopropyl ether

Concen: 22.626 ug/l

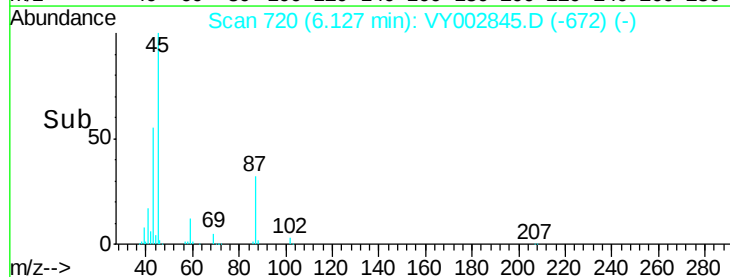
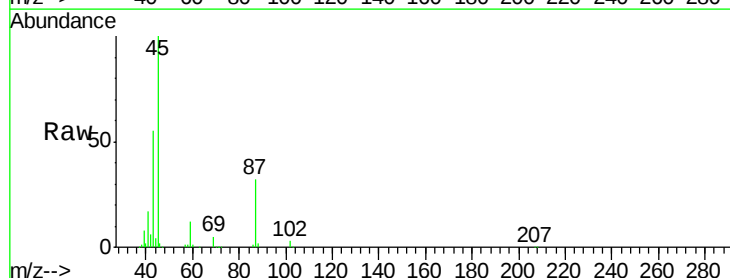
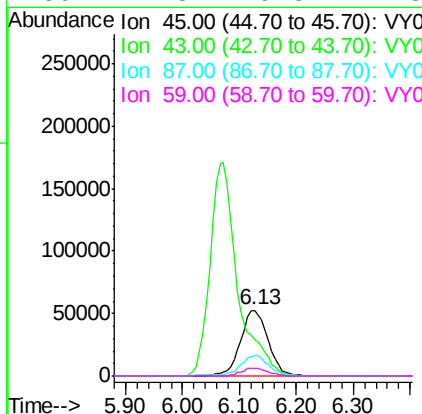
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	45	Resp:	178313
Ion	Ratio	Lower	Upper
45	100		
43	54.9	41.7	62.5
87	32.1	24.2	36.2
59	11.8	9.8	14.8





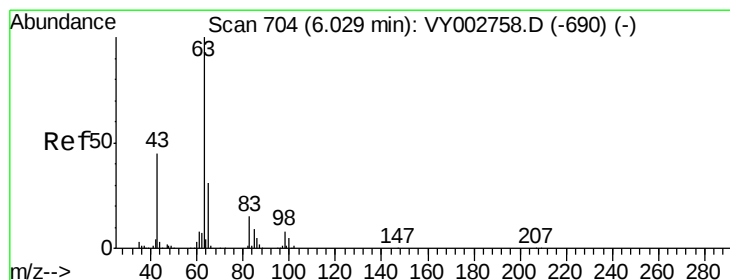
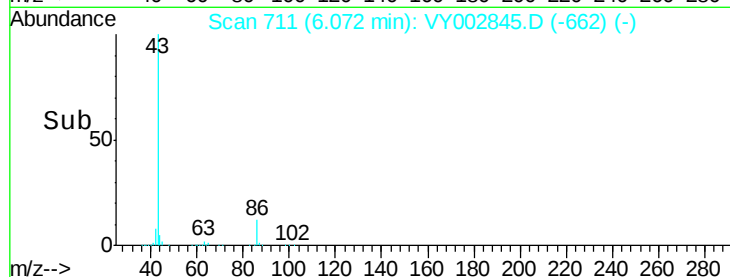
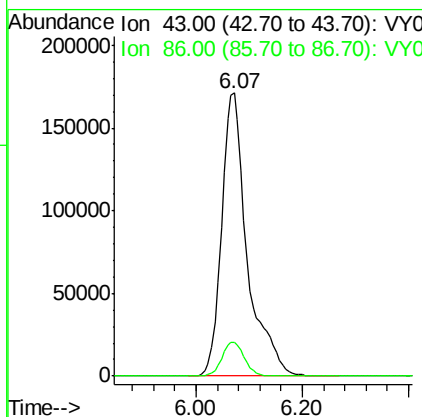
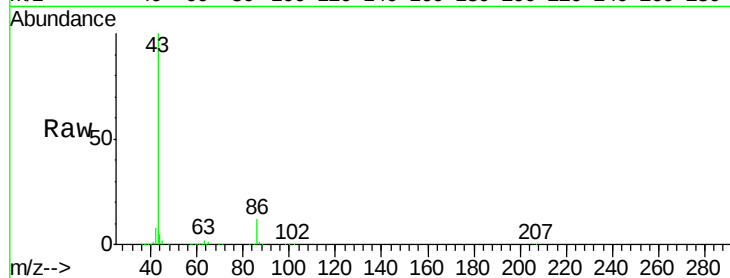
#23
 Vinyl Acetate
 Concen: 110.669 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.1	10.2	15.2

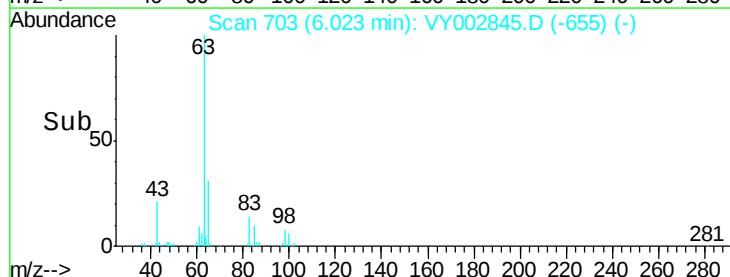
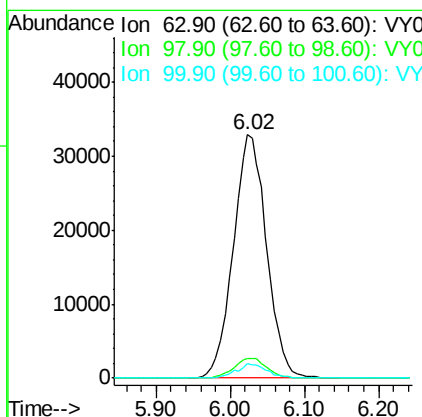
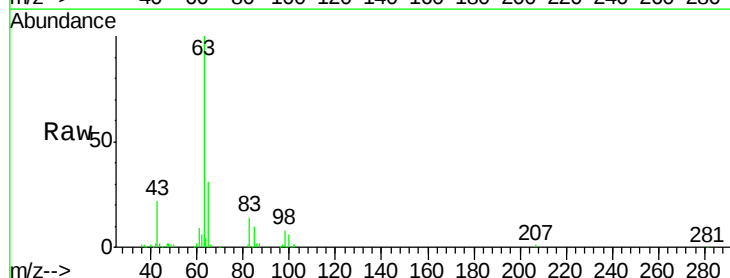
Manual Integrations
 APPROVED

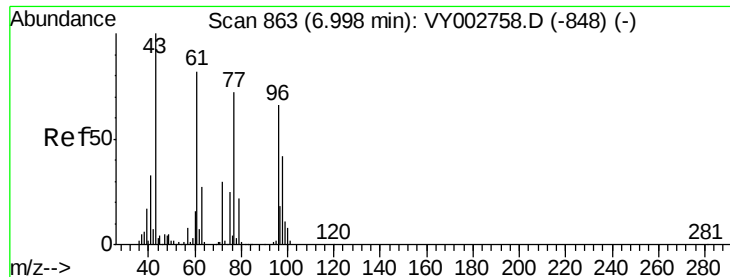
MMDadoda
 6/8/2020 11:28:05 AM



#24
 1,1-Dichloroethane
 Concen: 22.304 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	12.2
100	5.8	2.4	7.1





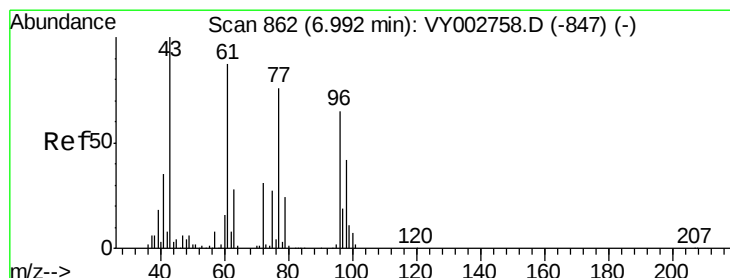
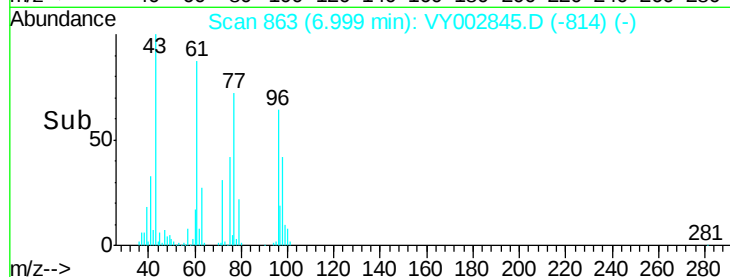
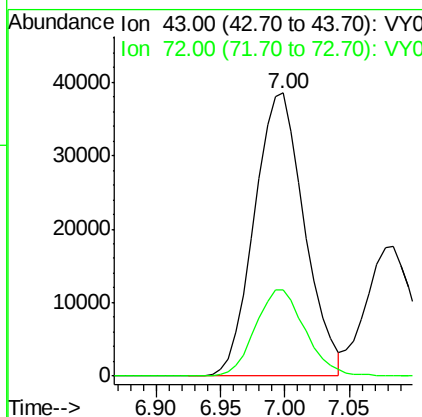
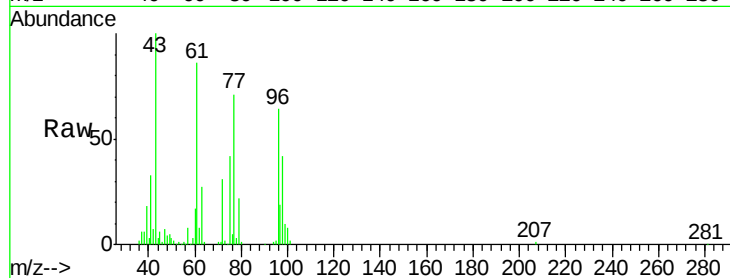
#25
2-Butanone
Concen: 105.663 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.5	23.9	35.9

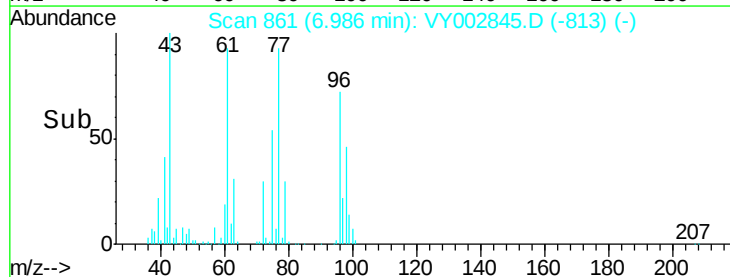
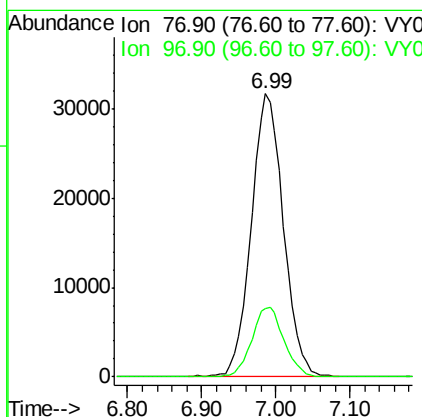
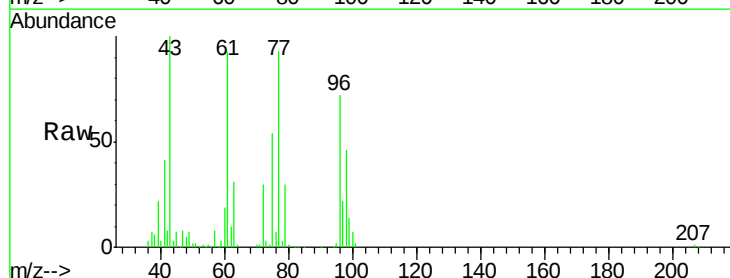
Manual Integrations
APPROVED

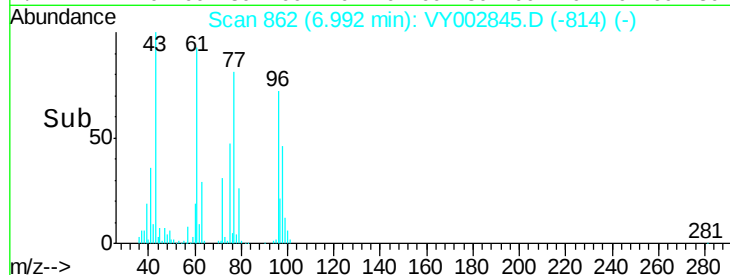
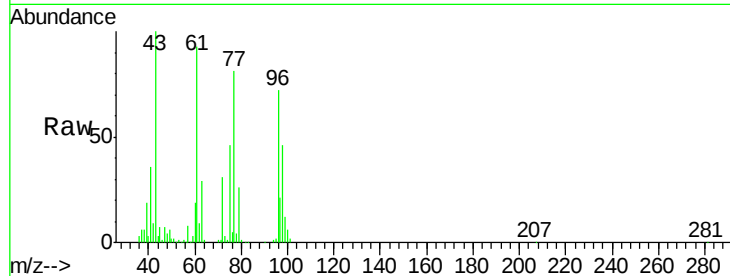
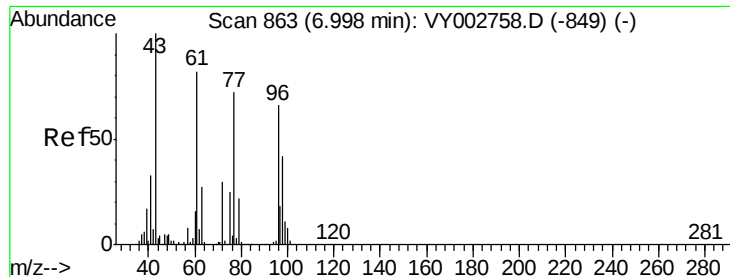
MMDadoda
6/8/2020 11:28:05 AM



#26
2,2-Dichloropropane
Concen: 21.638 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.5	12.2	36.6





#27

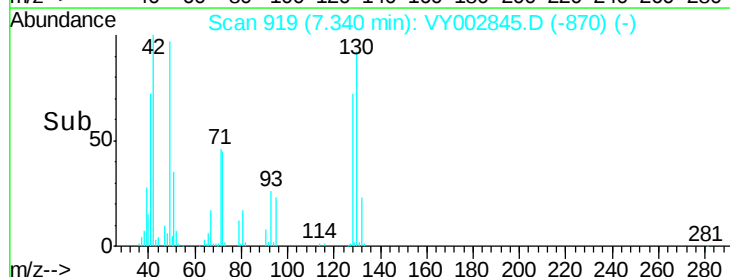
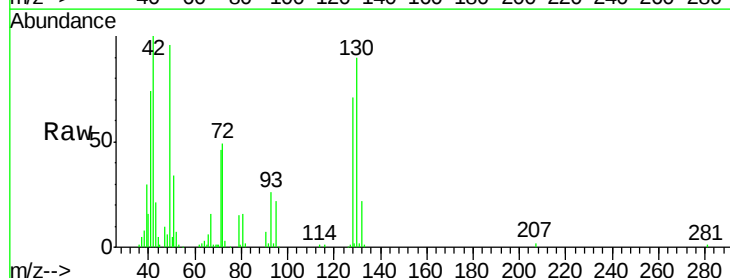
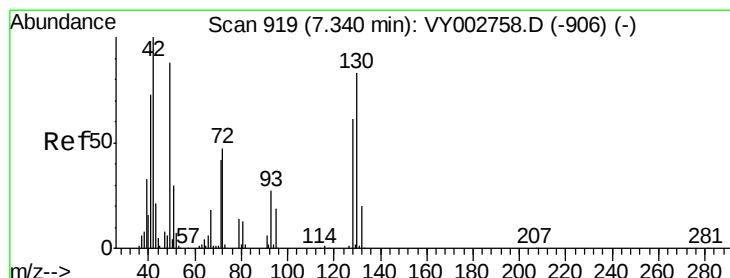
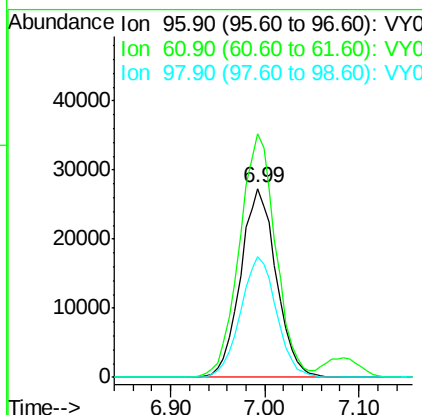
cis-1,2-Dichloroethene
Concen: 21.851 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	260.2
98	63.9	0.0	128.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Manual Integrations
APPROVED

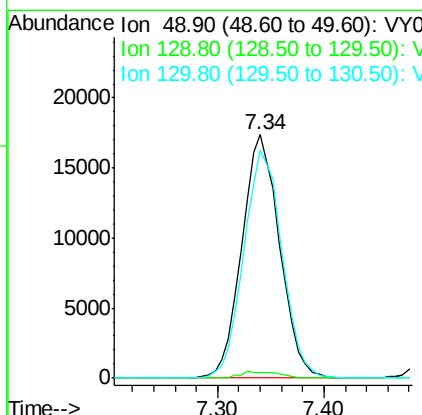
MMDadoda
6/8/2020 11:28:05 AM



#28

Bromochloromethane
Concen: 22.918 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	94.8	77.1	115.7





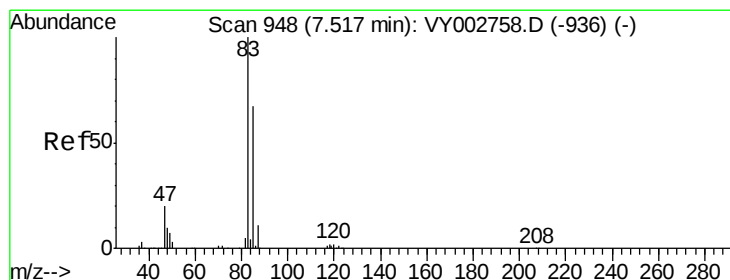
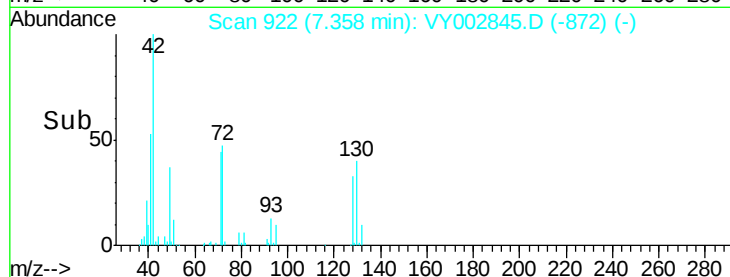
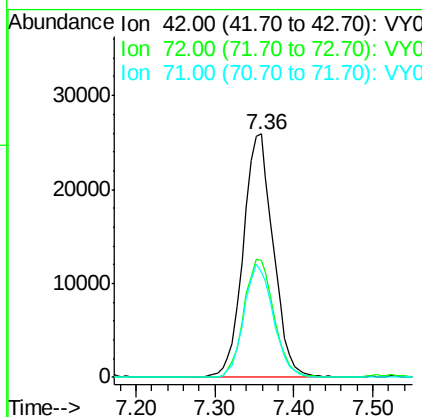
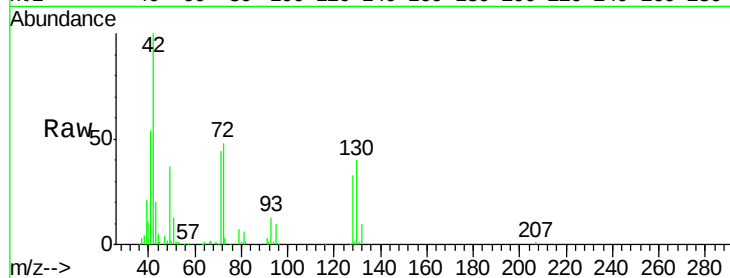
#29
Tetrahydrofuran
Concen: 107.241 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.6	58.0
71	45.2	35.8	53.8

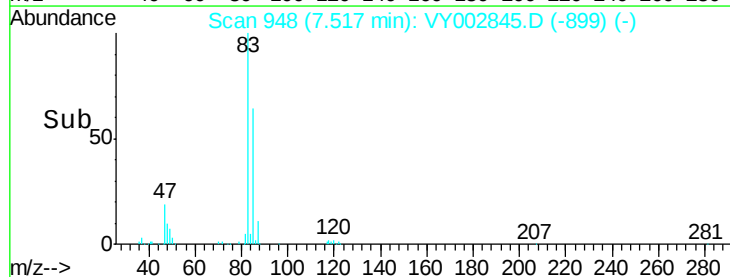
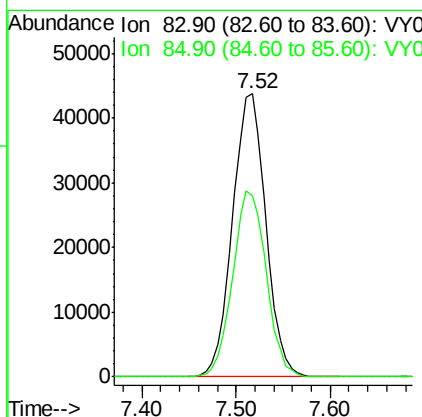
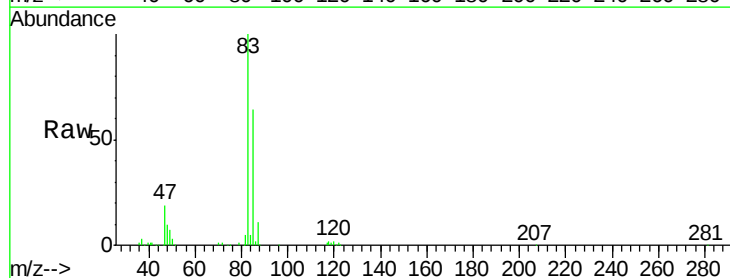
Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#30
Chloroform
Concen: 22.048 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.8	80.8





#31

Cyclohexane

Concen: 21.834 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

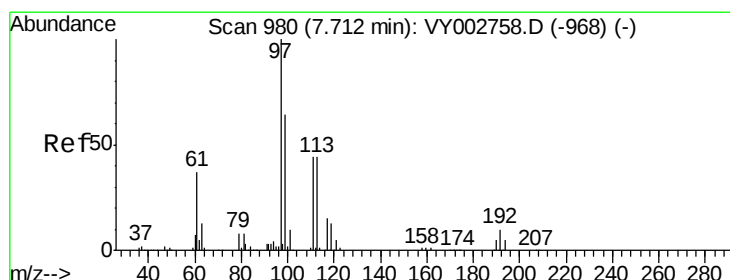
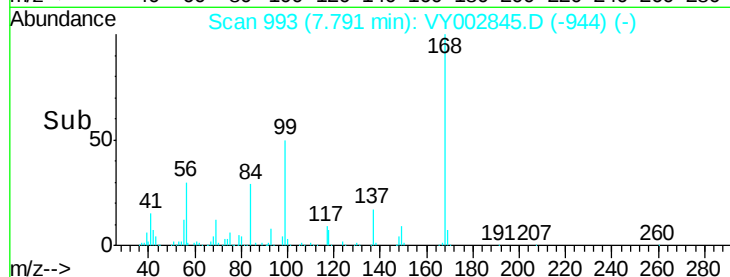
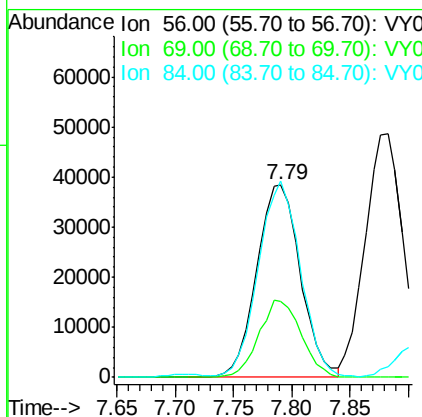
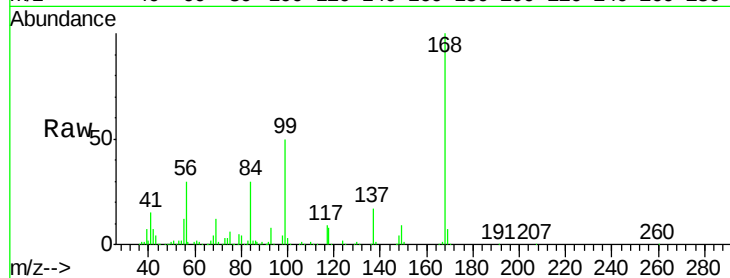
ClientSampleId :

VY0605SBS01

Tot Ion:	56	Resp:	99937
Ion Ratio	Lower	Upper	
56	100		
69	39.2	28.0	42.0
84	100.2	77.7	116.5

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#32

1,1,1-Trichloroethane

Concen: 21.713 ug/l

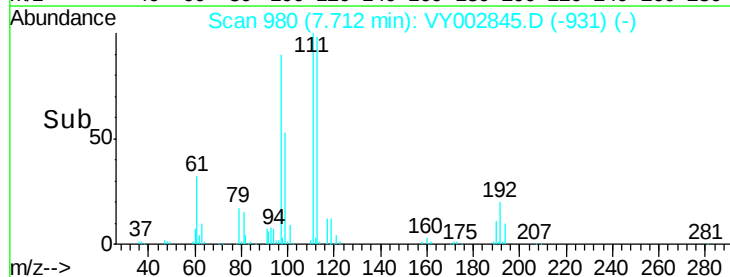
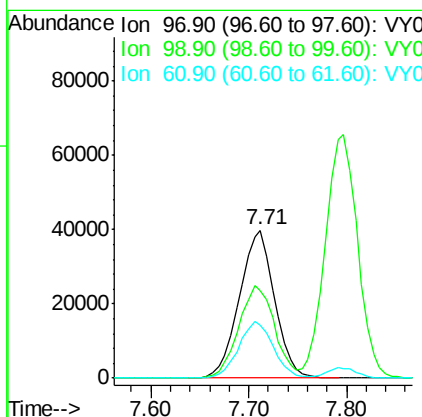
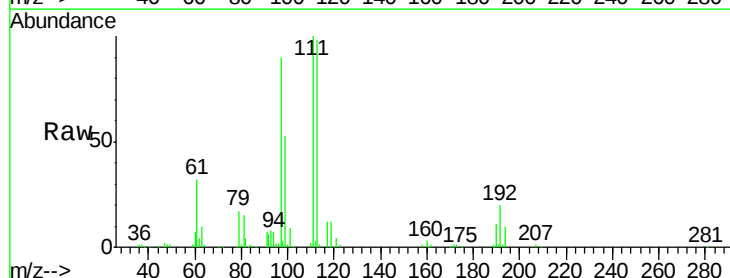
RT: 7.71 min Scan# 980

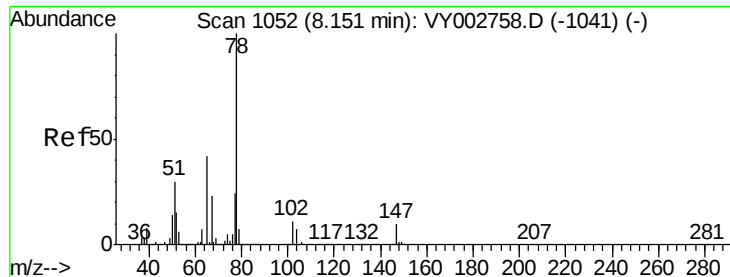
Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	97	Resp:	98978
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.4	77.0
61	38.1	30.1	45.1





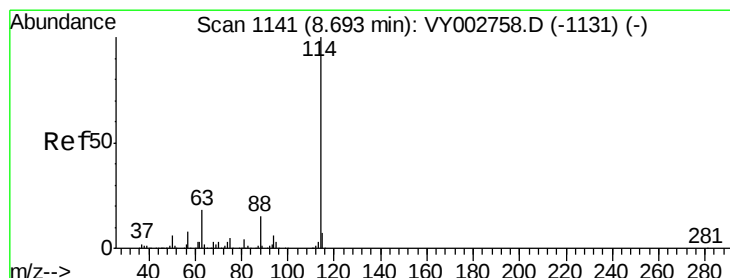
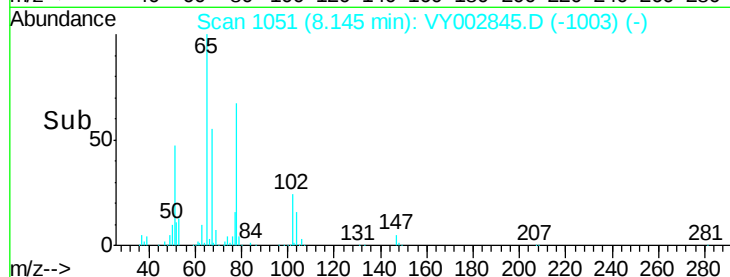
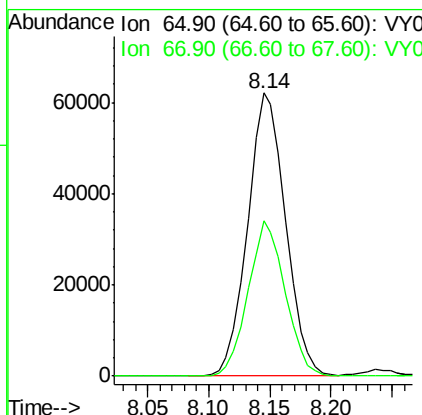
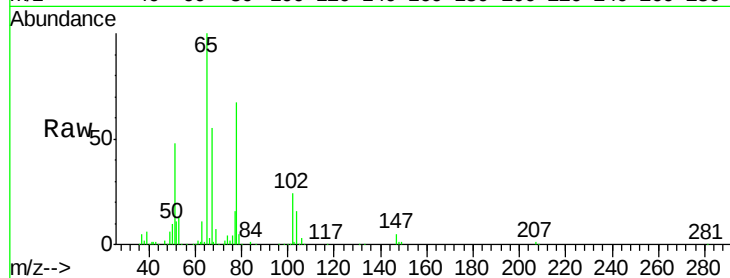
#33
 1,2-Dichloroethane-d4
 Concen: 49.719 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	111.0	

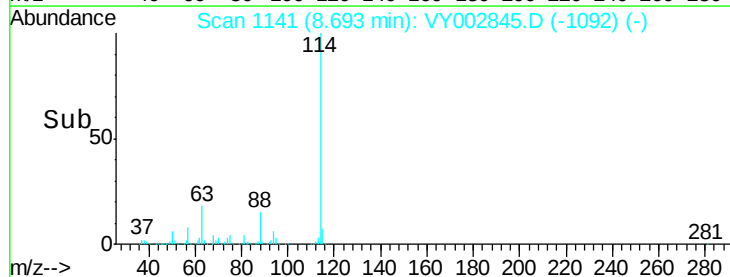
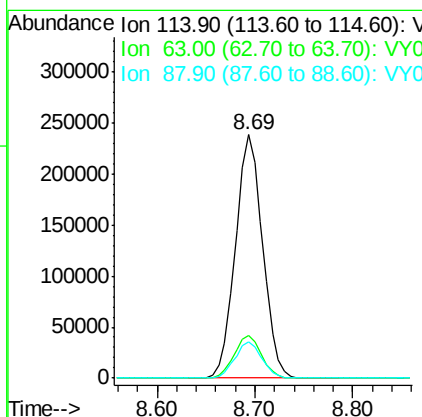
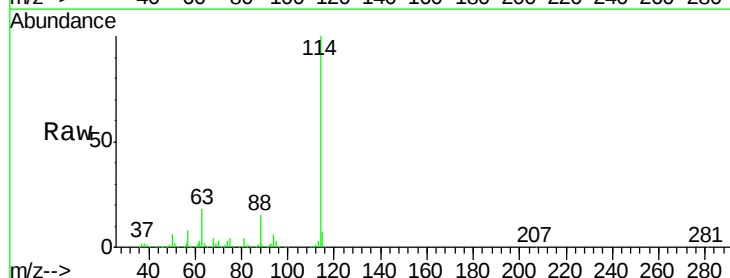
Manual Integrations
 APPROVED

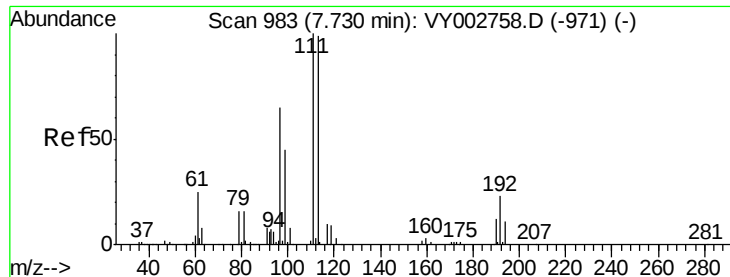
MMDadoda
 6/8/2020 11:28:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.5	0.0	35.2	
88	14.7	0.0	29.2	





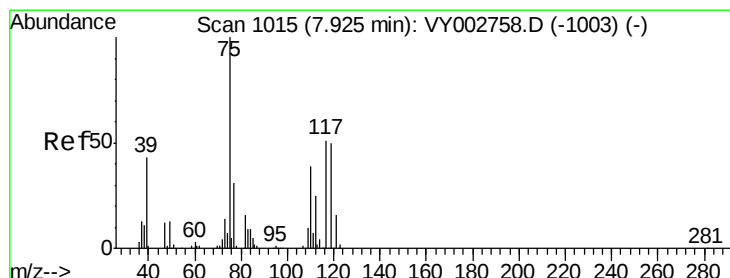
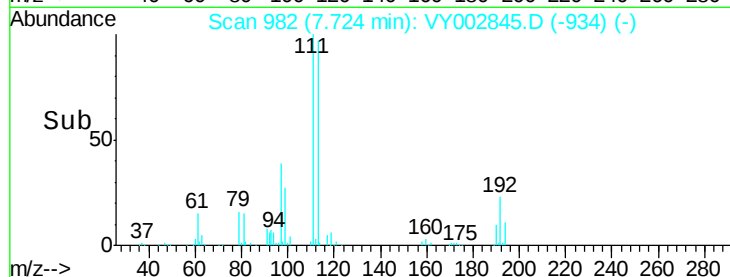
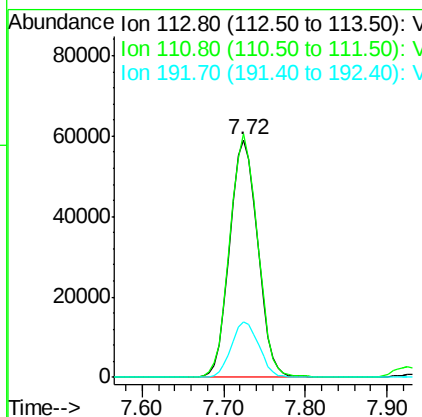
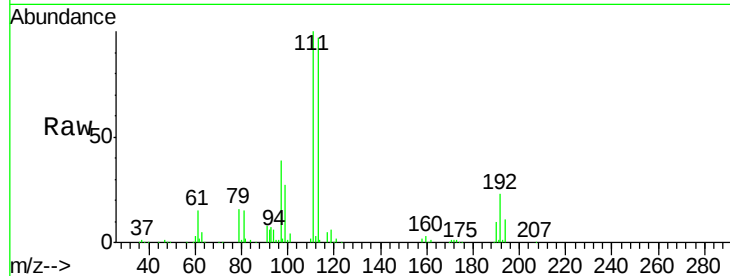
#35
Dibromofluoromethane
Concen: 52.039 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140045		
111	101.5	82.0	123.0	
192	23.2	18.9	28.3	

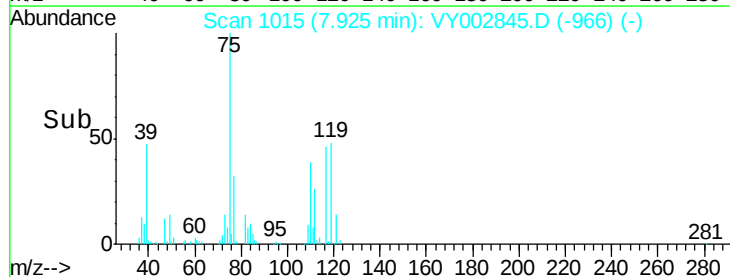
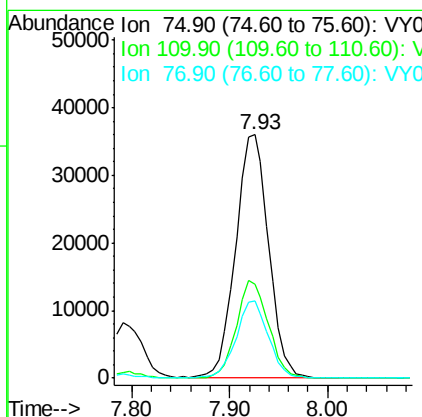
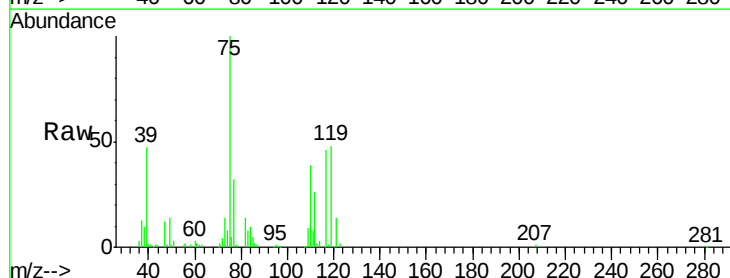
Manual Integrations
APPROVED

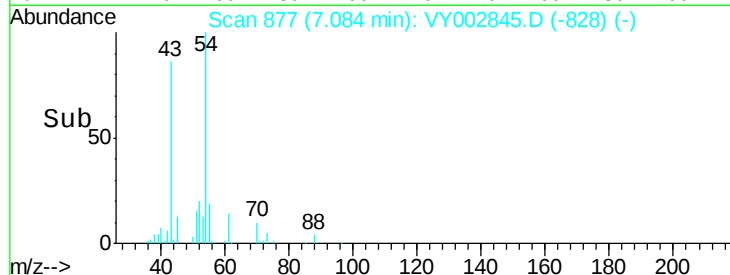
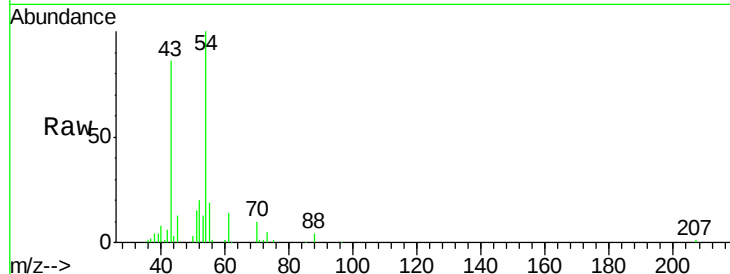
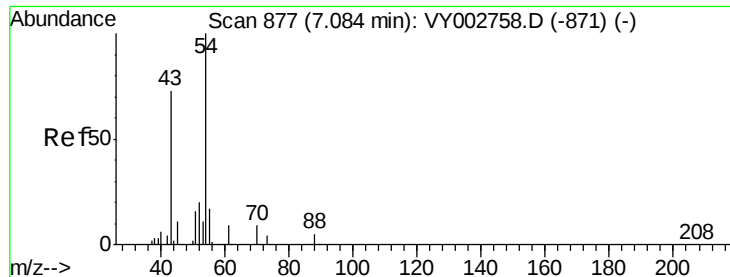
MMDadoda
6/8/2020 11:28:05 AM



#36
1,1-Dichloropropene
Concen: 21.761 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84175		
110	38.7	19.3	57.9	
77	31.1	24.8	37.2	





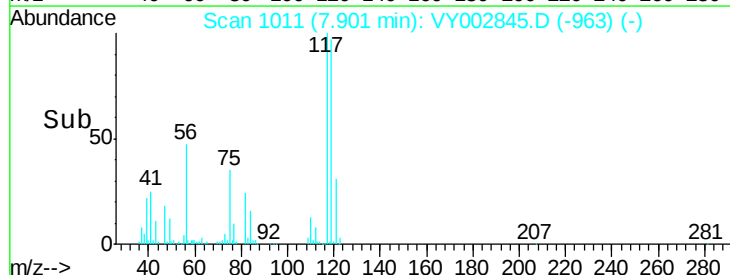
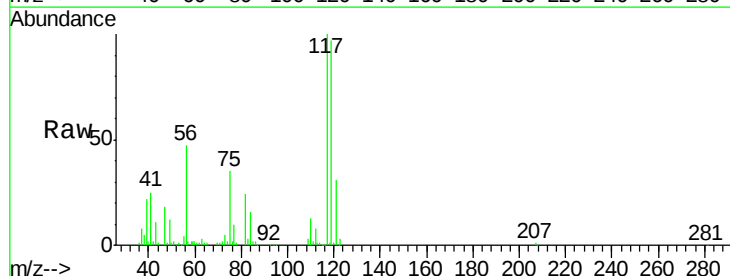
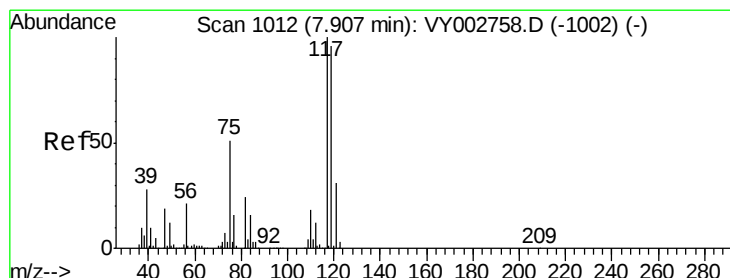
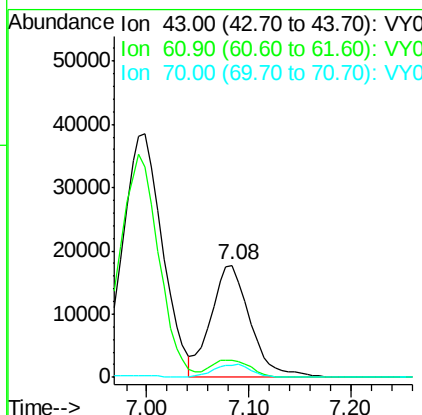
#37
Ethyl Acetate
Concen: 22.326 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.9	17.9
70	11.2	9.1	13.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

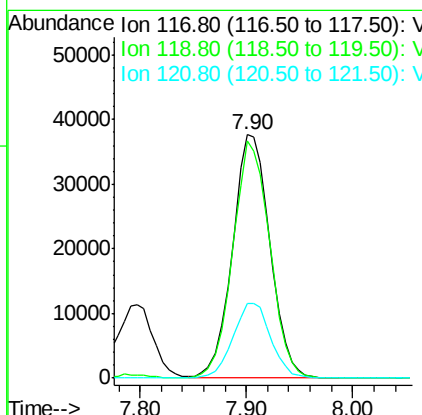
Manual Integrations
APPROVED

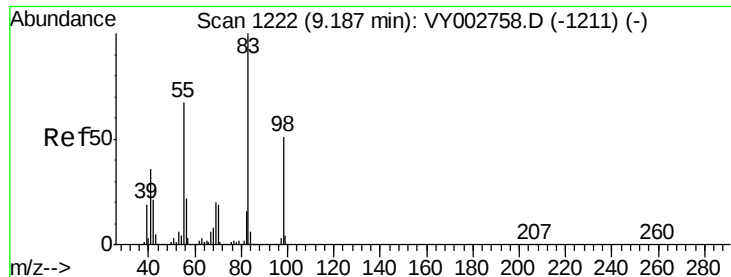
MMDadoda
6/8/2020 11:28:05 AM



#38
Carbon Tetrachloride
Concen: 21.633 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.8	115.2
121	30.5	24.8	37.2





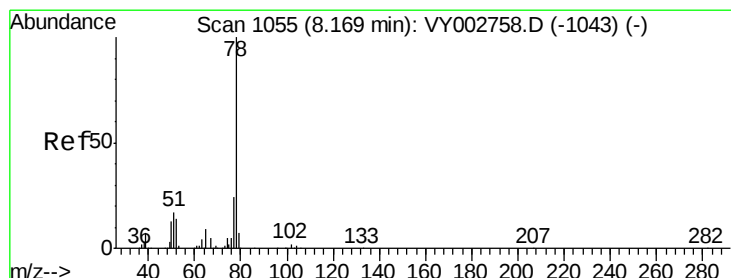
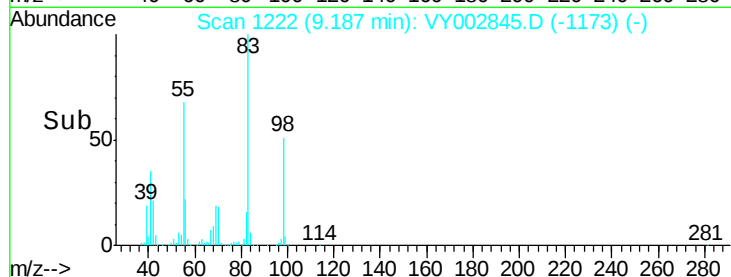
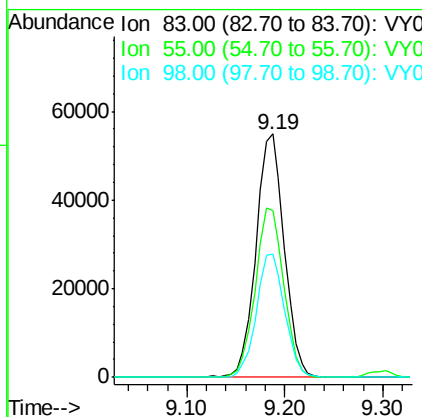
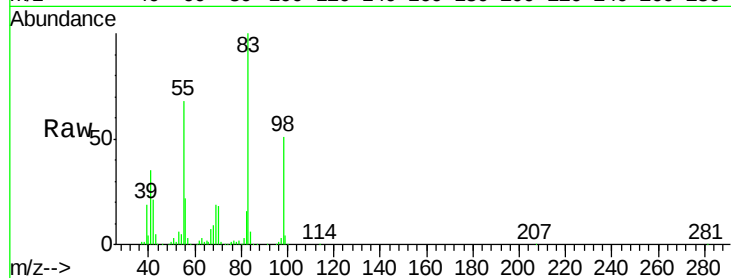
#39
Methvlcvclohexane
Concen: 21.603 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	53.3	79.9
98	50.6	41.1	61.7

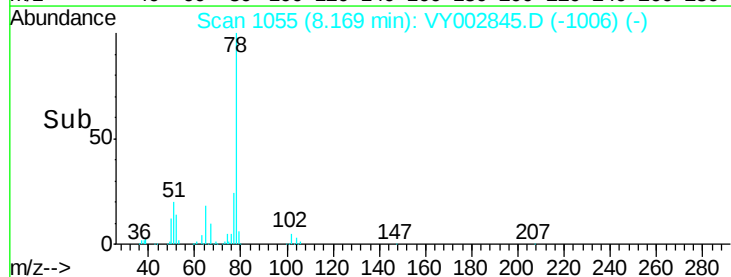
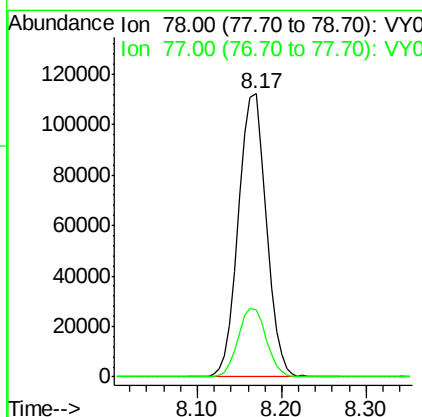
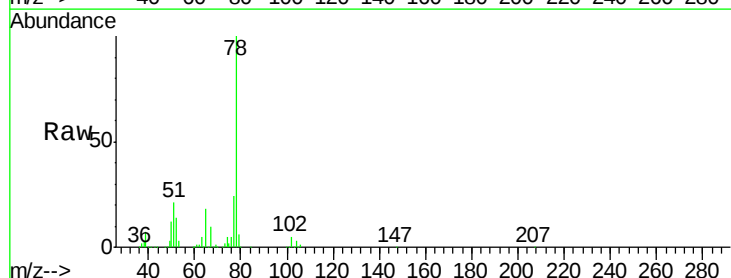
Manual Integrations
APPROVED

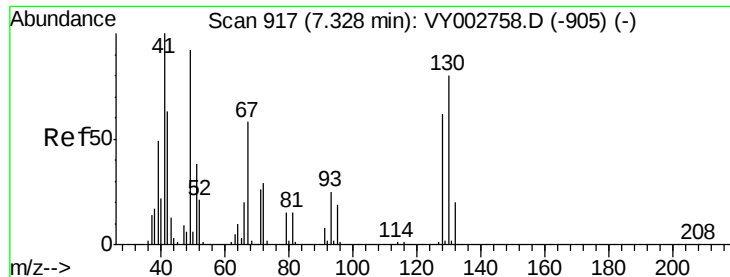
MMDadoda
6/8/2020 11:28:05 AM



#40
Benzene
Concen: 21.850 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





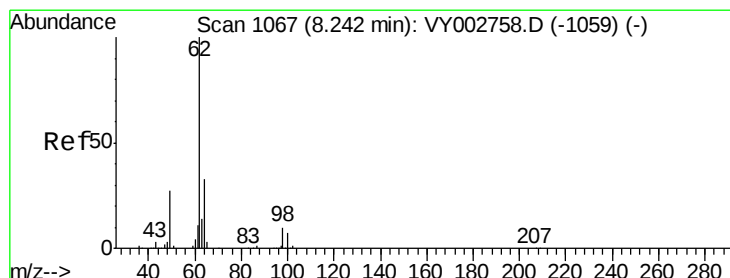
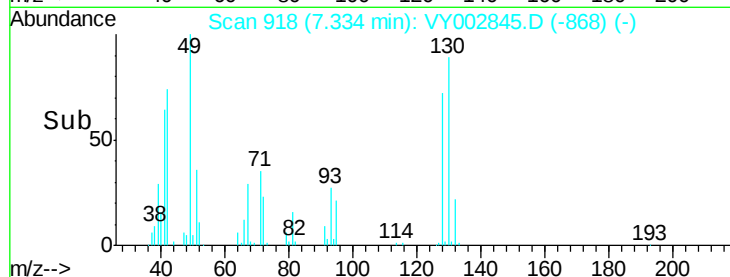
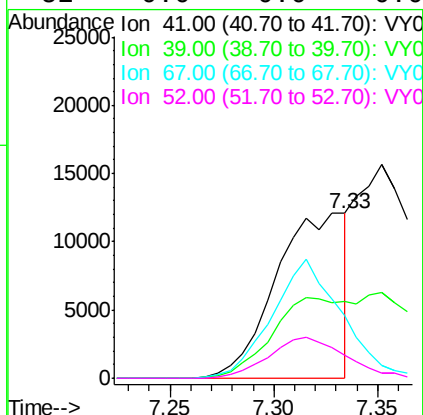
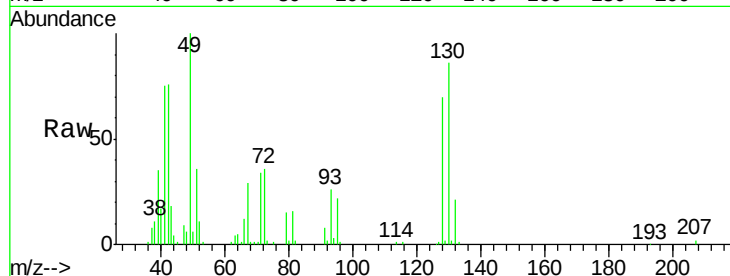
#41
Methacrylonitrile
Concen: 25.153 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

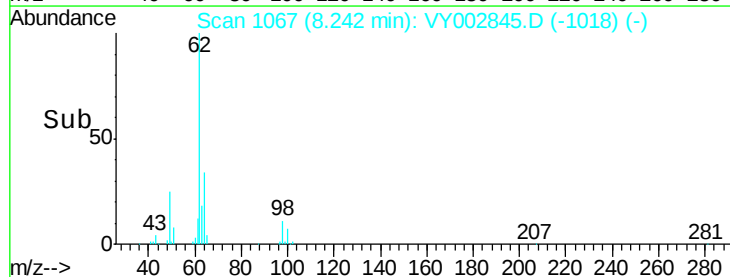
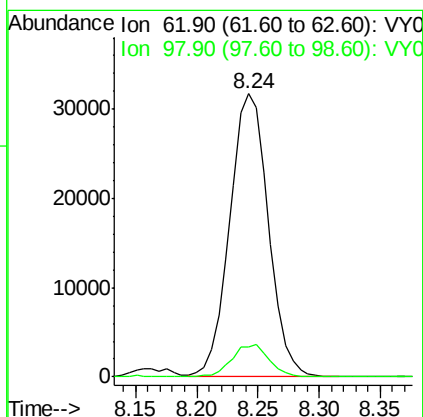
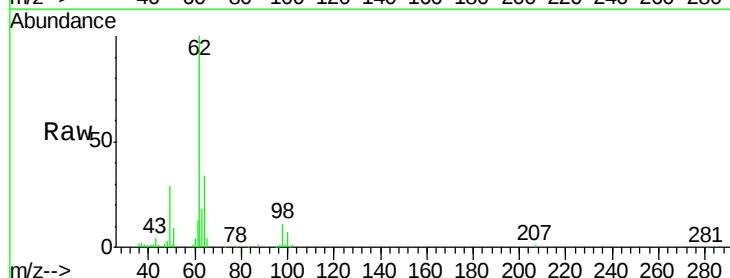
Manual Integrations
APPROVED

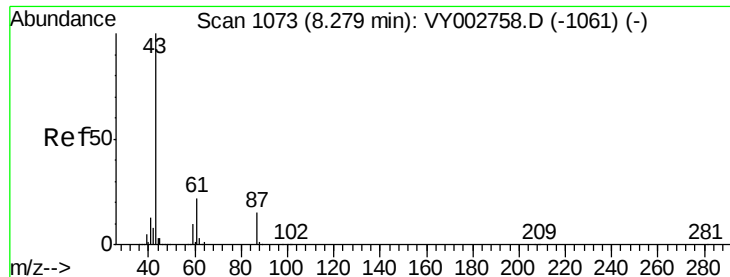
MMDadoda
6/8/2020 11:28:05 AM



#42
1,2-Dichloroethane
Concen: 21.689 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





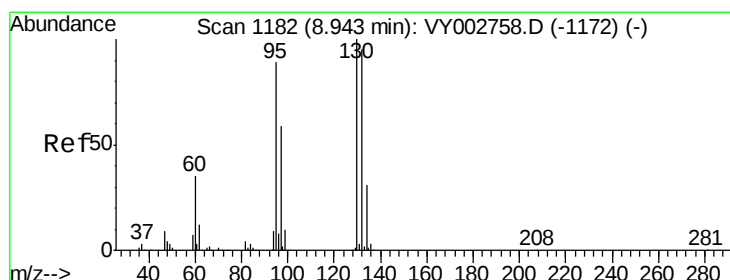
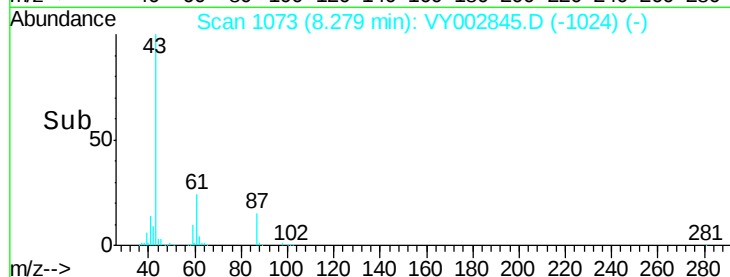
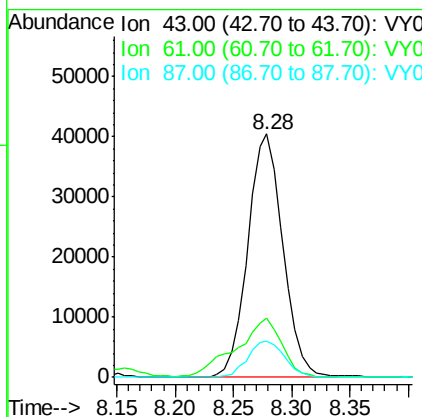
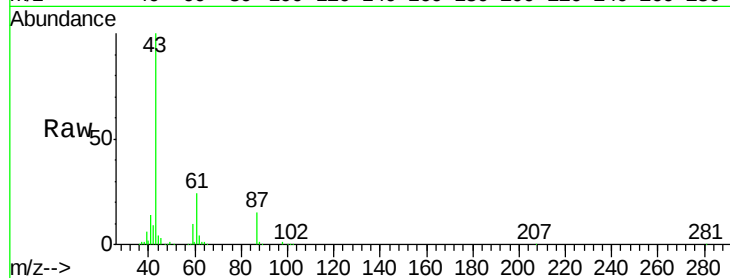
#43
Isopropyl Acetate
Concen: 21.373 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.6	24.8	37.2
87	15.7	12.4	18.6

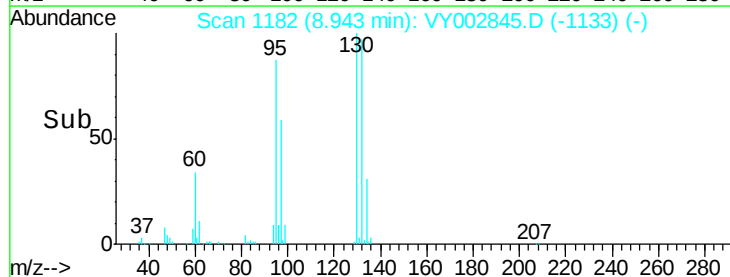
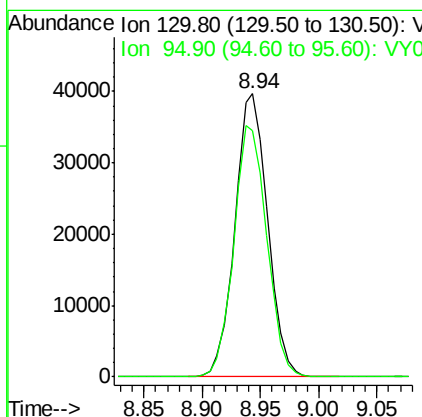
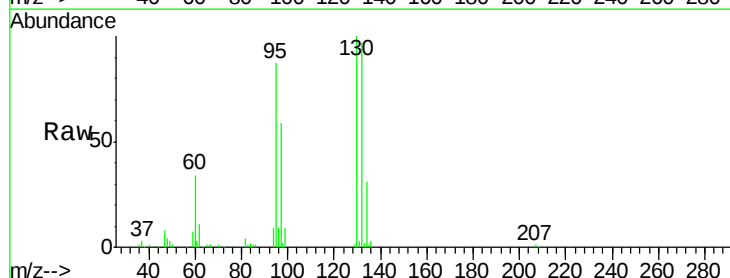
Manual Integrations
APPROVED

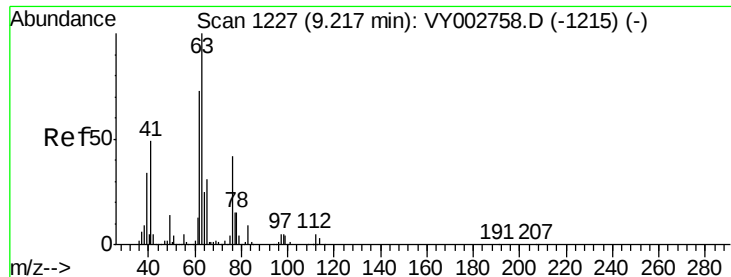
MMDadoda
6/8/2020 11:28:05 AM



#44
Trichloroethene
Concen: 21.499 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.2	0.0	178.8





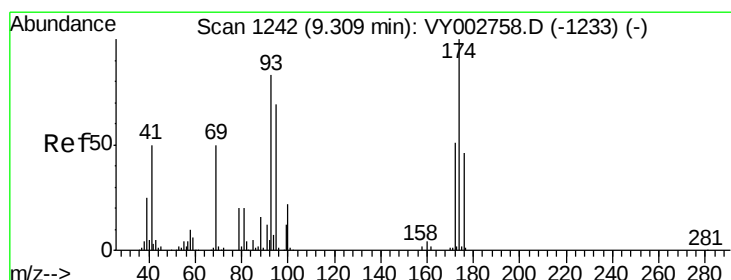
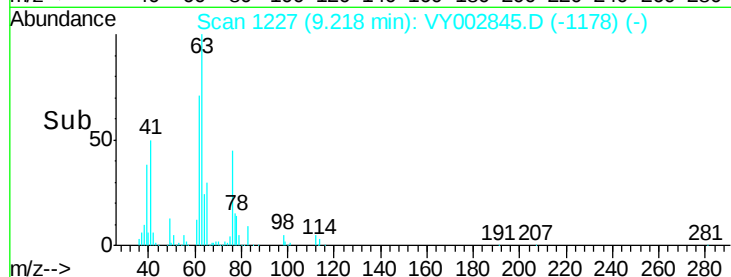
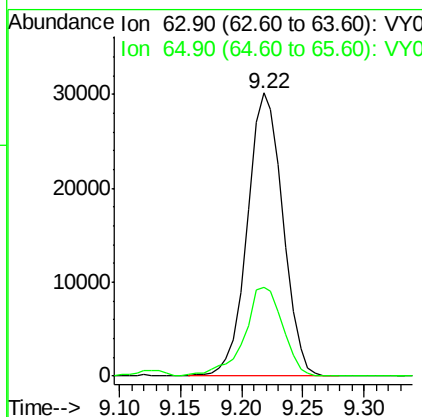
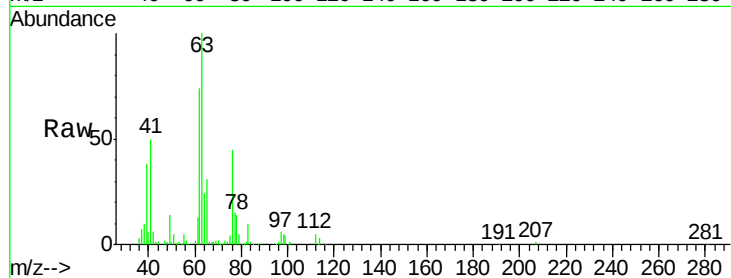
#45
 1,2-Dichloropropane
 Concen: 22.237 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.8	37.2

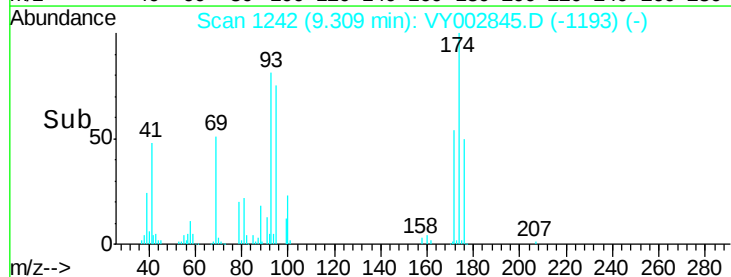
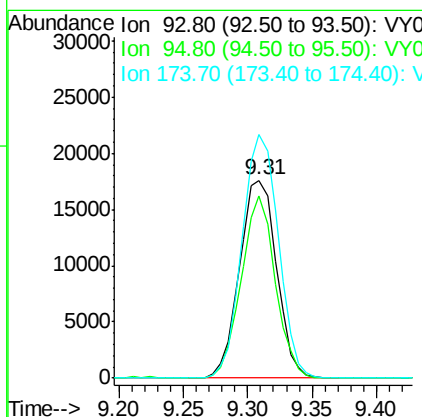
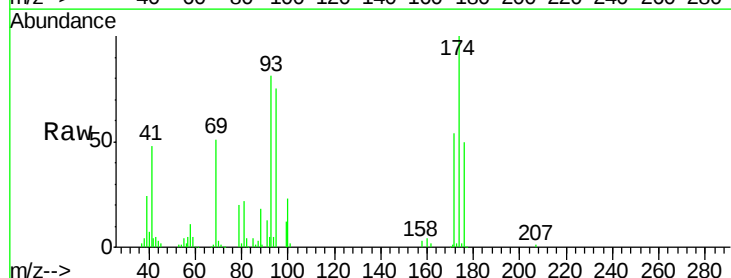
Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:05 AM



#46
 Dibromomethane
 Concen: 21.500 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.9	100.3
174	120.6	97.7	146.5





#47

Bromodichloromethane

Concen: 21.955 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

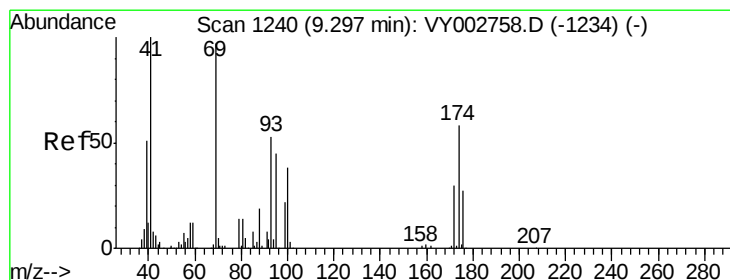
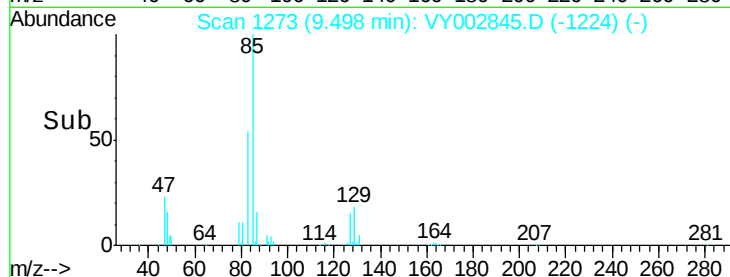
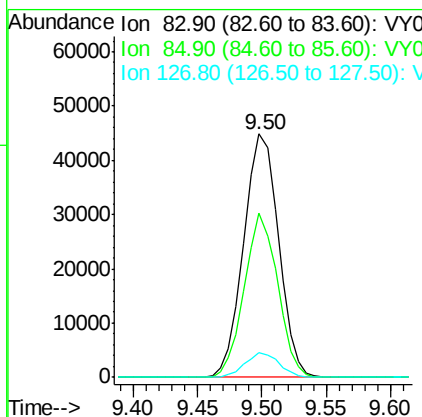
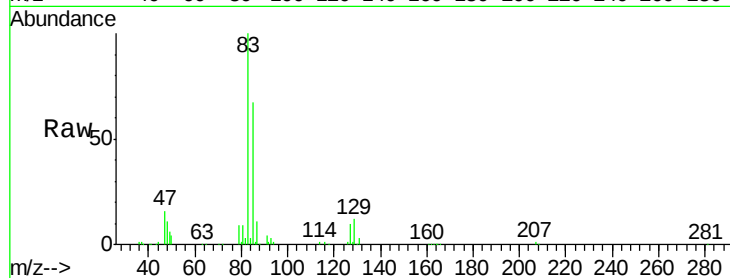
ClientSampleId :

VY0605SBS01

Tot Ion:	83	Resp:	84256
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.9	77.9
127	10.3	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#48

Methyl methacrylate

Concen: 21.541 ug/l

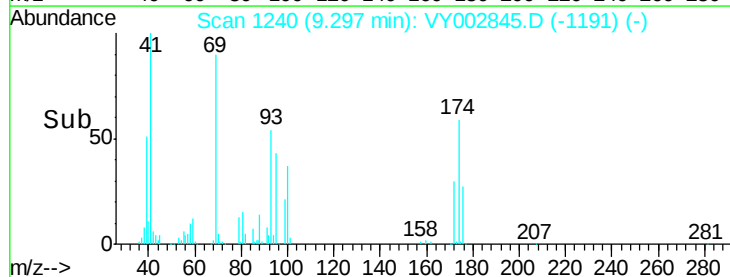
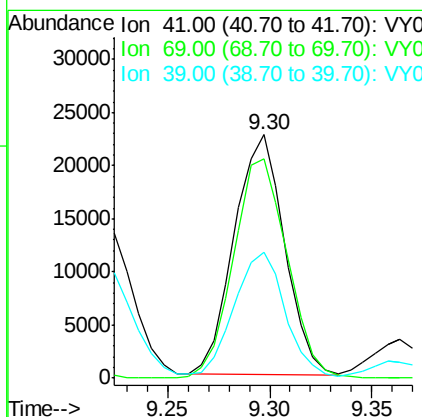
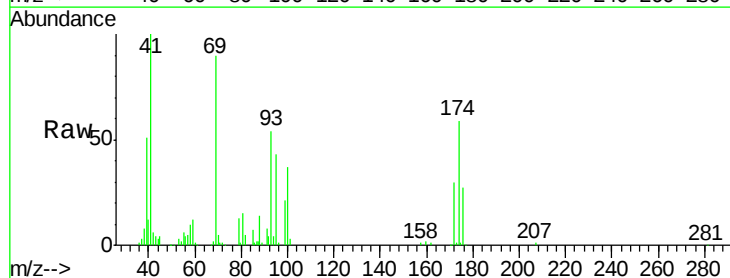
RT: 9.30 min Scan# 1240

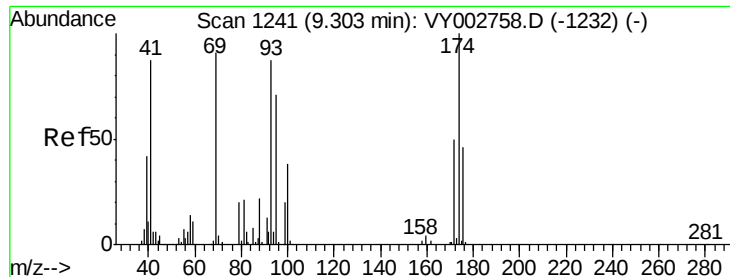
Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	41	Resp:	38783
Ion	Ratio	Lower	Upper
41	100		
69	97.4	79.7	119.5
39	53.8	43.3	64.9





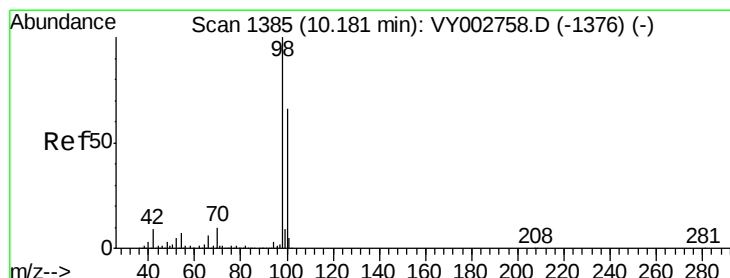
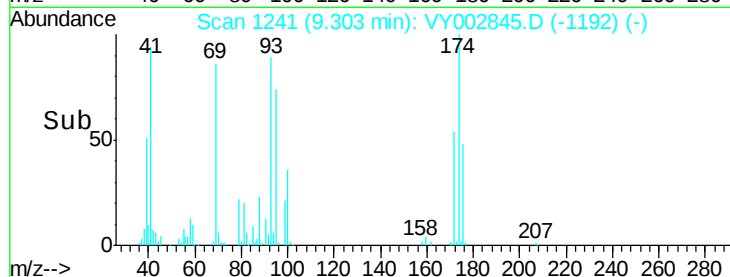
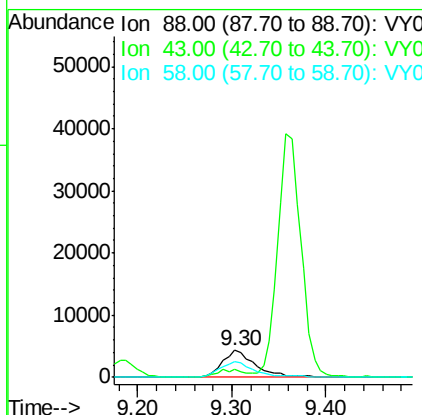
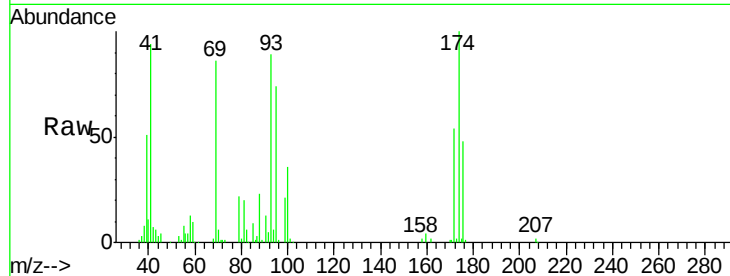
#49
1,4-Dioxane
Concen: 425.284 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	88	Resp	10630
Ion Ratio	Lower	Upper	
88	100		
43	25.9	21.3	31.9
58	64.7	52.2	78.2

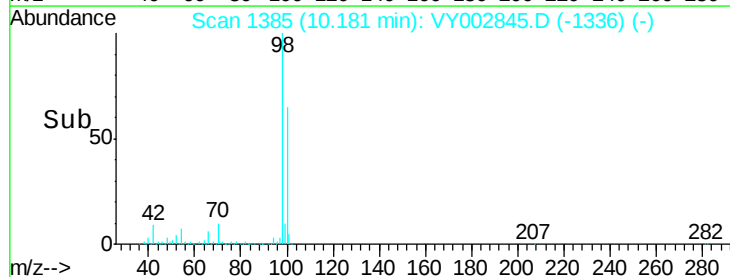
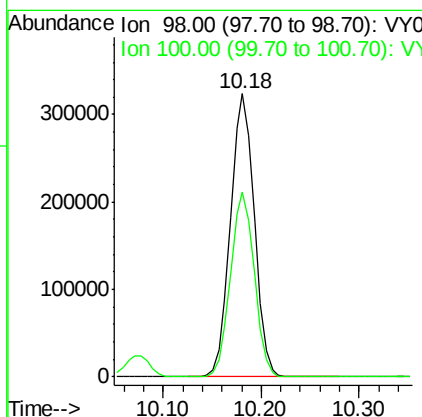
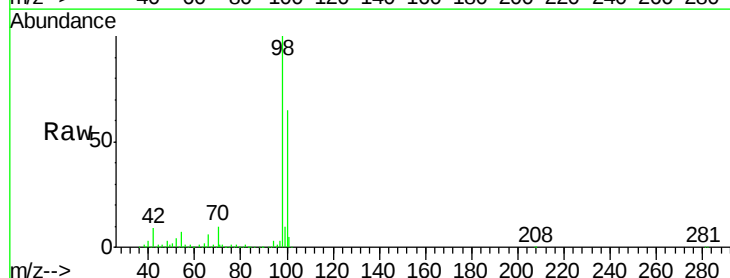
Manual Integrations
APPROVED

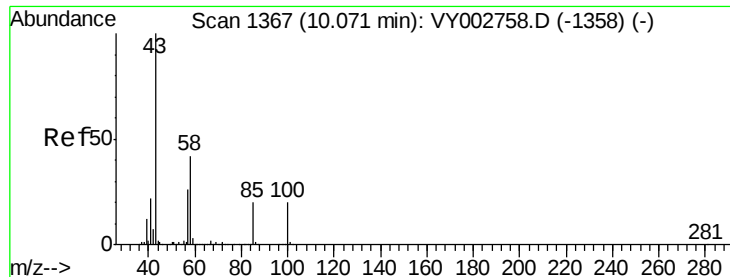
MMDadoda
6/8/2020 11:28:05 AM



#50
Toluene-d8
Concen: 50.224 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	98	Resp	546498
Ion Ratio	Lower	Upper	
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 108.266 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 43 Resp: 228646

Ion Ratio Lower Upper

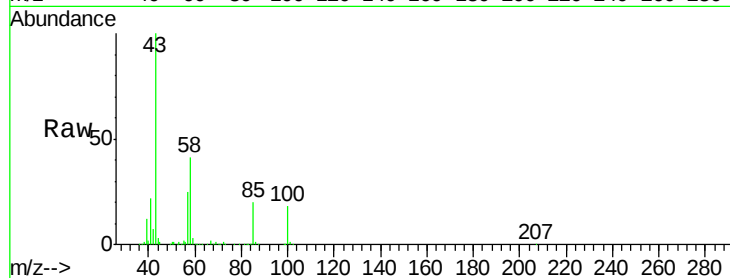
43 100

58 42.4 34.2 51.2

Manual Integrations
APPROVED

MMDadoda

6/8/2020 11:28:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

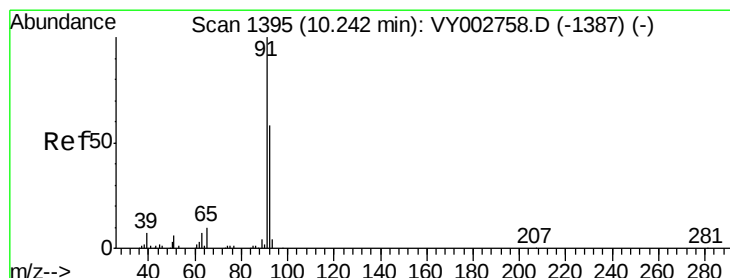
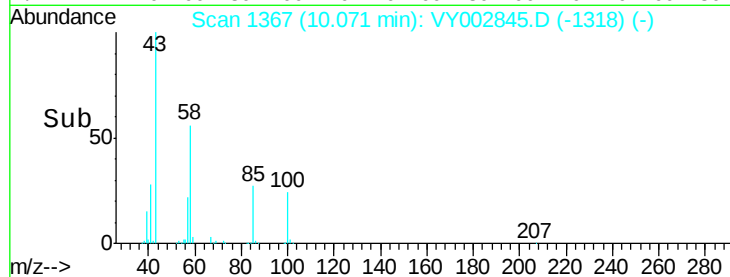
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.799 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002845.D

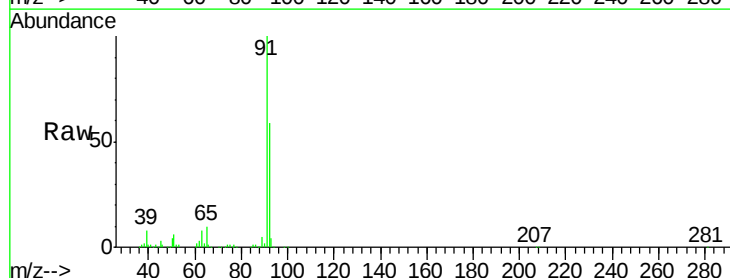
Acq: 05 Jun 2020 13:52

Tgt Ion: 92 Resp: 162997

Ion Ratio Lower Upper

92 100

91 173.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

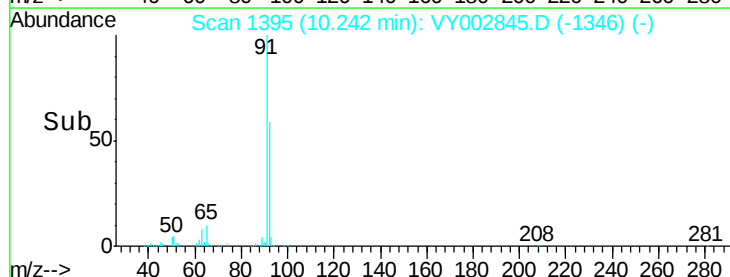
150000

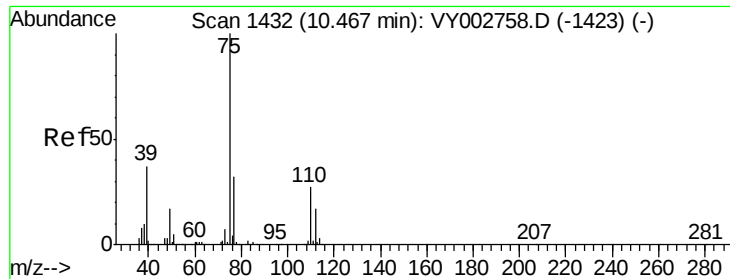
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.754 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 75 Resp: 91185

Ion Ratio Lower Upper

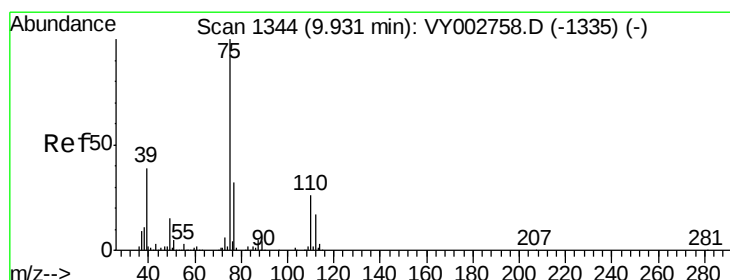
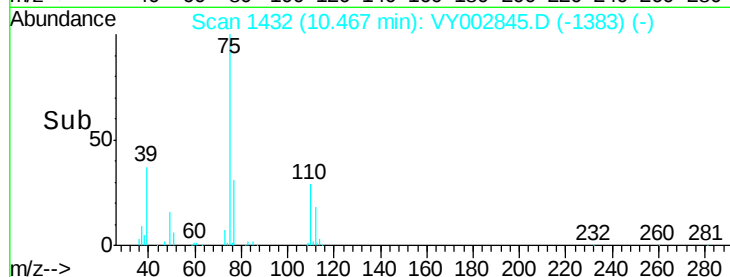
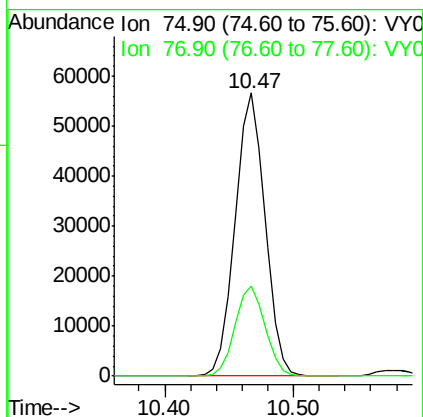
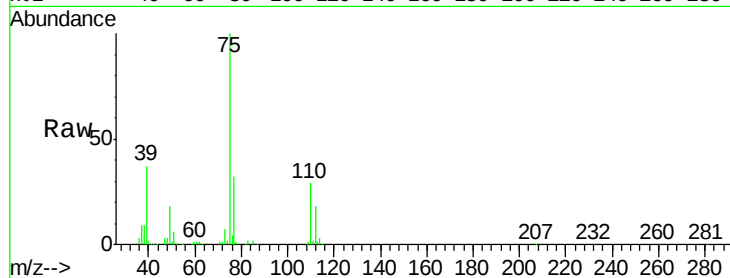
75 100

77 31.7 25.3 37.9

Manual Integrations
APPROVED

MMDadoda

6/8/2020 11:28:05 AM



#54

cis-1,3-Dichloropropene

Concen: 21.801 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

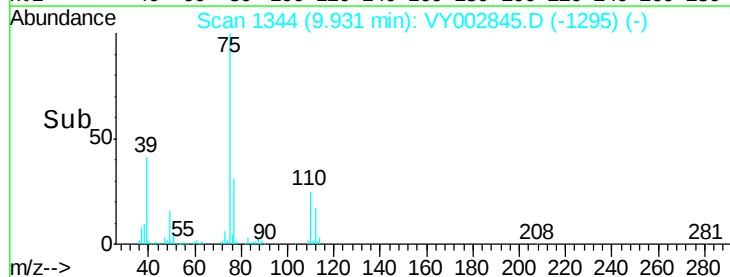
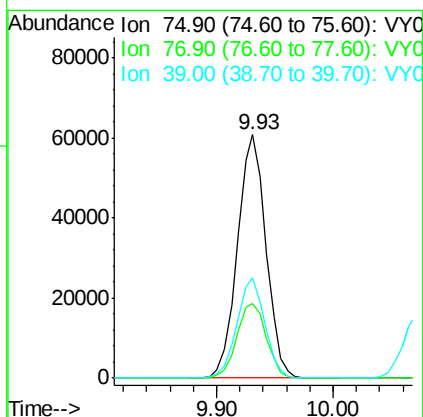
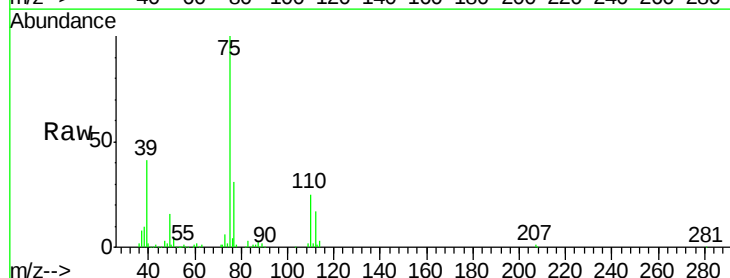
Tgt Ion: 75 Resp: 103546

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 41.2 31.3 46.9





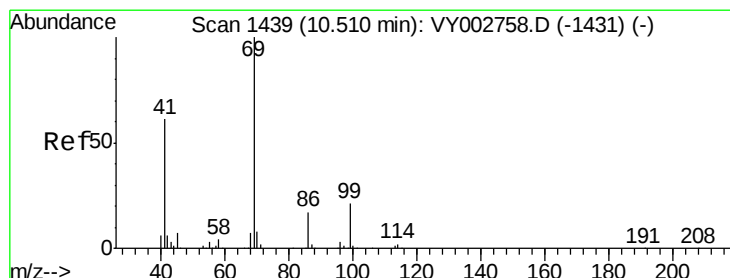
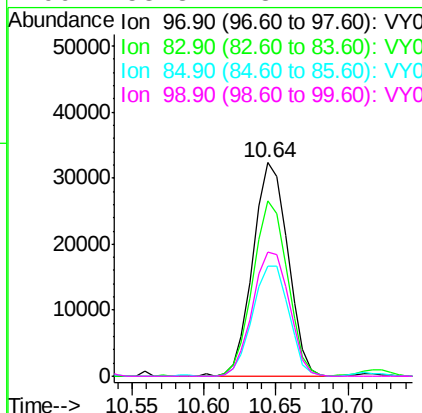
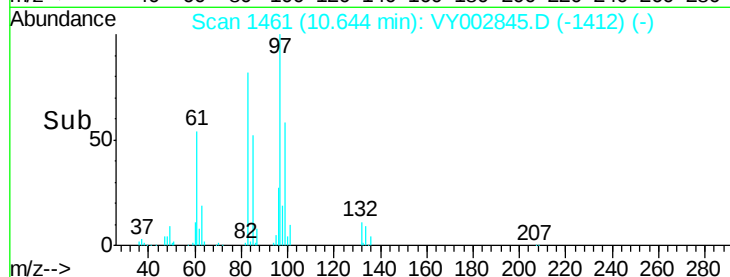
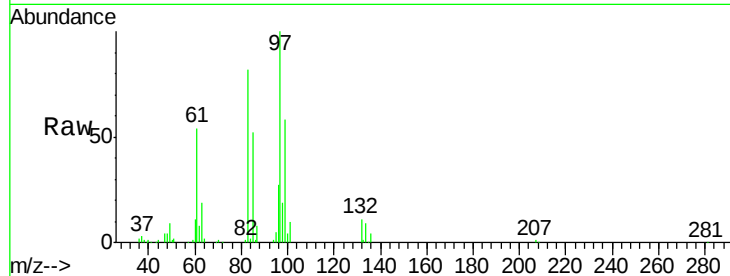
#55
 1,1,2-Trichloroethane
 Concen: 21.876 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion:	97	Resp:	54518
Ion	Ratio	Lower	Upper
97	100		
83	82.2	62.7	94.1
85	51.4	40.6	60.8
99	58.3	48.2	72.4

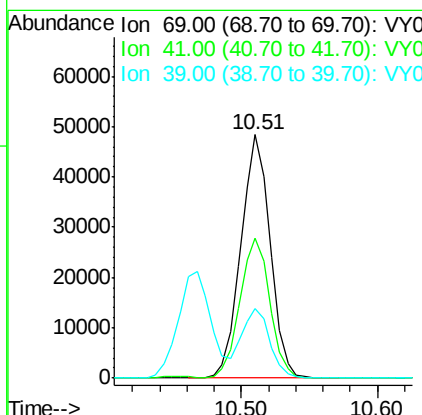
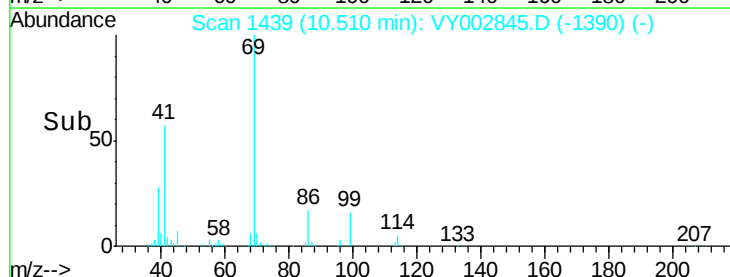
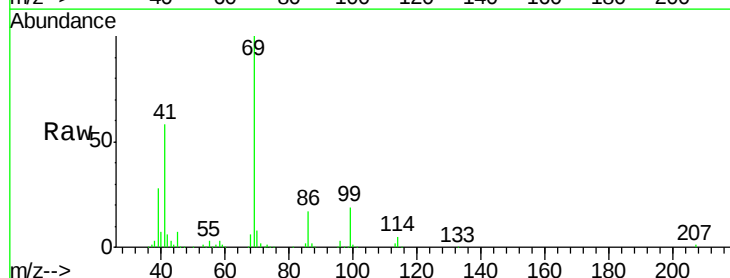
Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:05 AM



#56
 Ethyl methacrylate
 Concen: 21.747 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion:	69	Resp:	72594
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	27.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.682 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 76 Resp: 88875

Ion Ratio Lower Upper

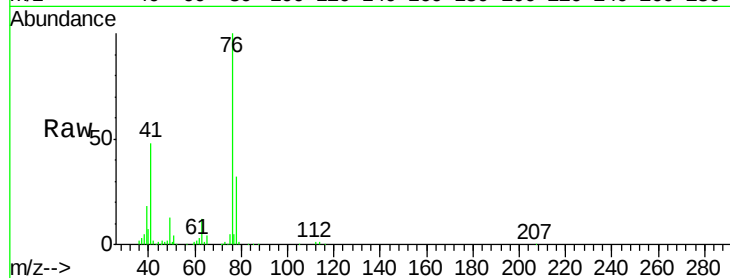
76 100

78 33.2 26.1 39.1

Manual Integrations
APPROVED

MMDadoda

6/8/2020 11:28:05 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

60000

50000

40000

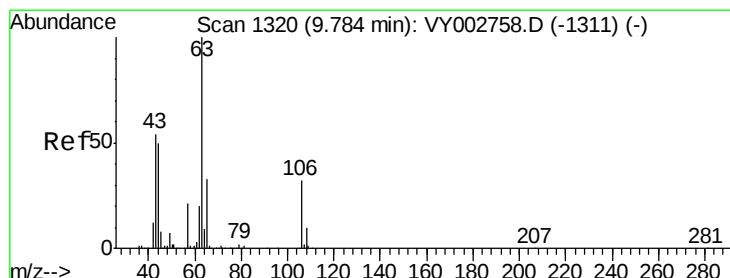
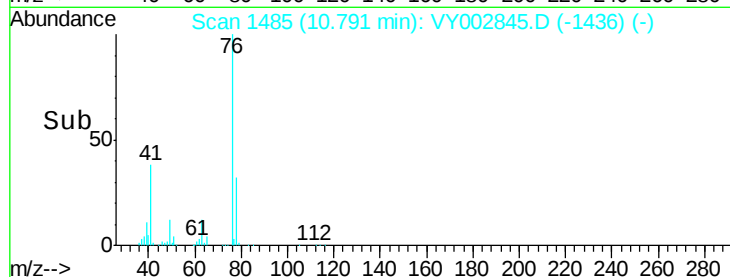
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 108.673 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002845.D

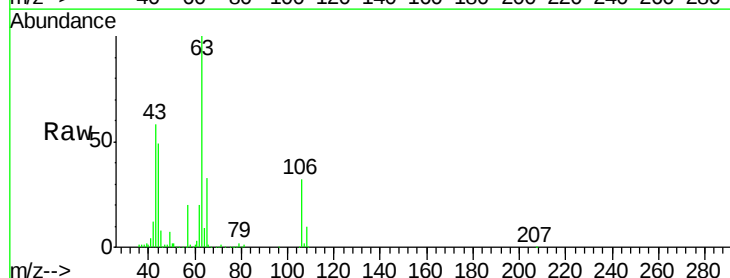
Acq: 05 Jun 2020 13:52

Tgt Ion: 63 Resp: 177252

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

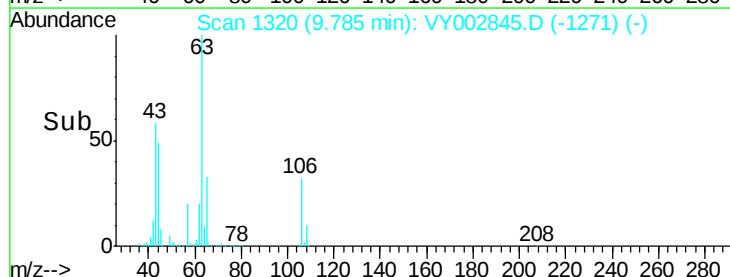
60000

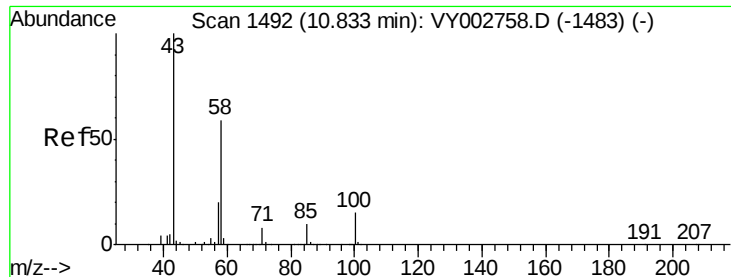
40000

20000

0

Time--> 9.70 9.80 9.90





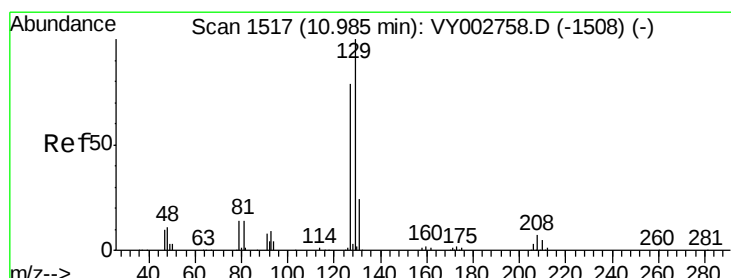
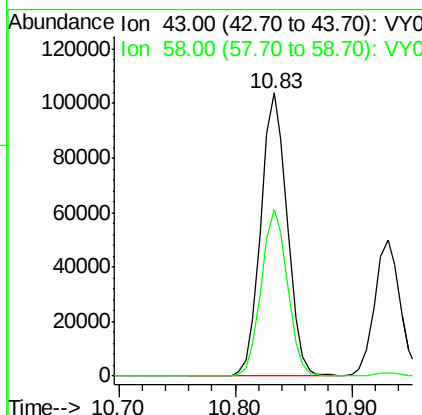
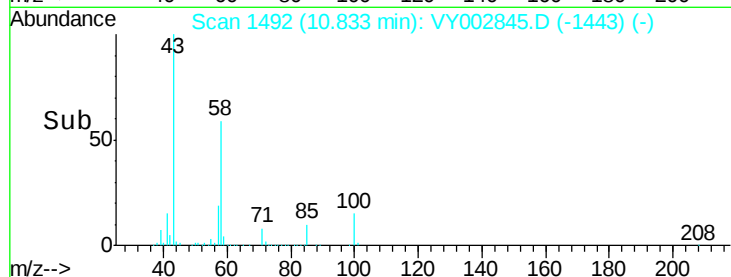
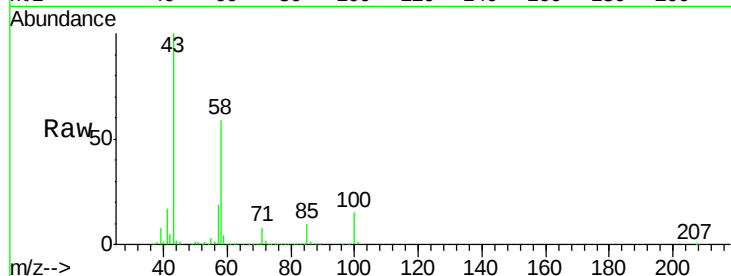
#59
2-Hexanone
Concen: 108.846 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion: 43 Resp: 163099
Ion Ratio Lower Upper
43 100
58 58.5 29.5 88.5

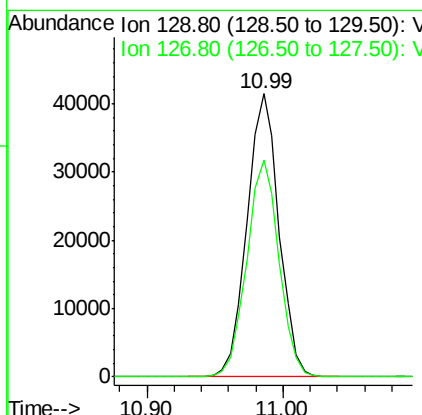
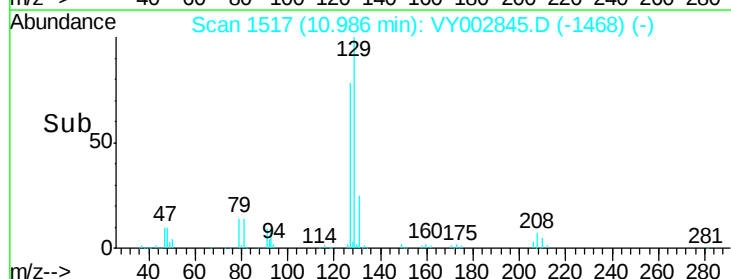
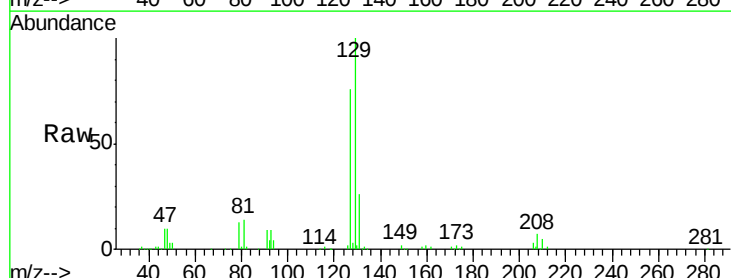
Manual Integrations
APPROVED

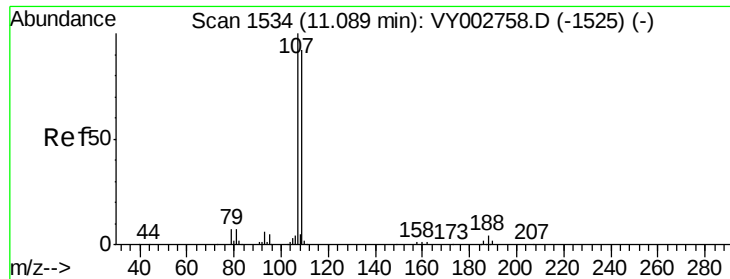
MMDadoda
6/8/2020 11:28:05 AM



#60
Dibromochloromethane
Concen: 21.587 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion: 129 Resp: 68208
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





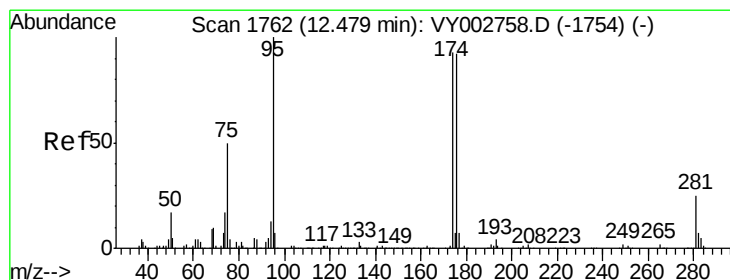
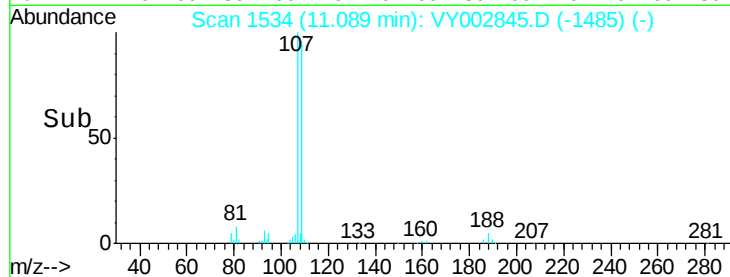
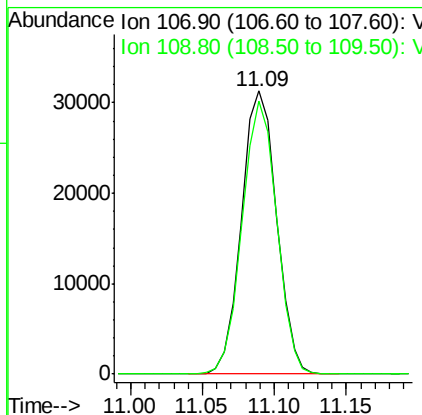
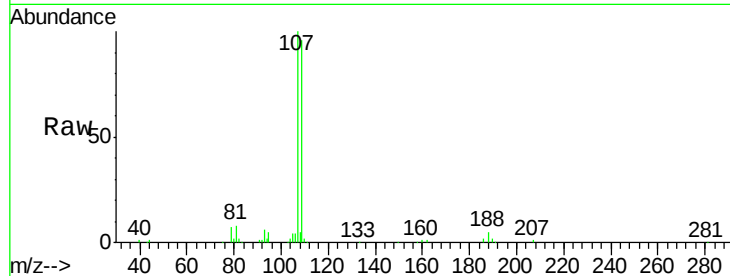
#61
 1,2-Dibromoethane
 Concen: 21.452 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion: 107 Resp: 52737
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4

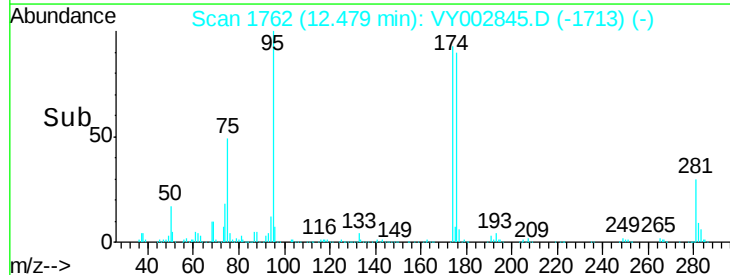
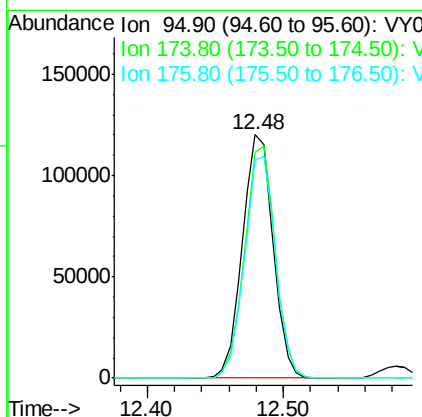
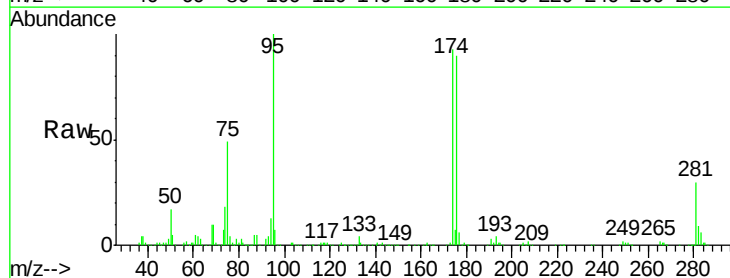
Manual Integrations
 APPROVED

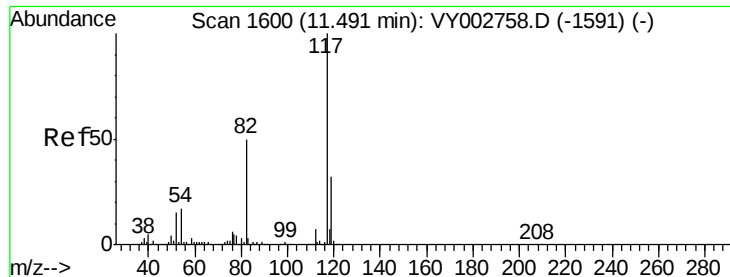
MMDadoda
 6/8/2020 11:28:05 AM



#62
 4-Bromofluorobenzene
 Concen: 50.942 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion: 95 Resp: 189436
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.2
 176 92.2 0.0 188.8





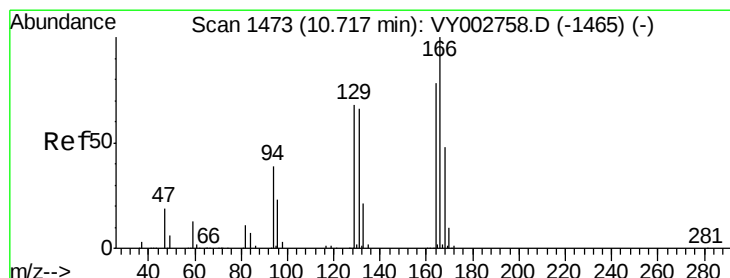
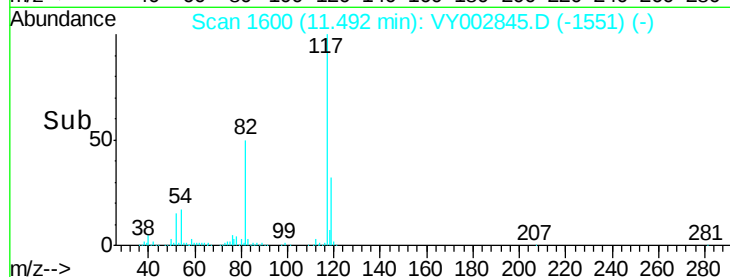
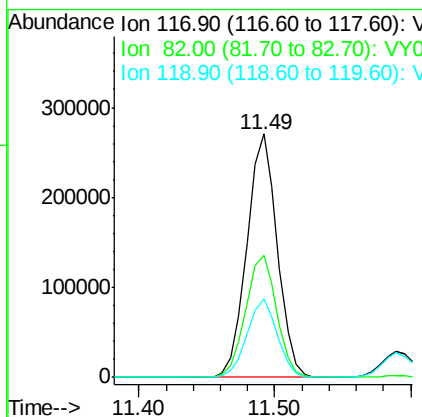
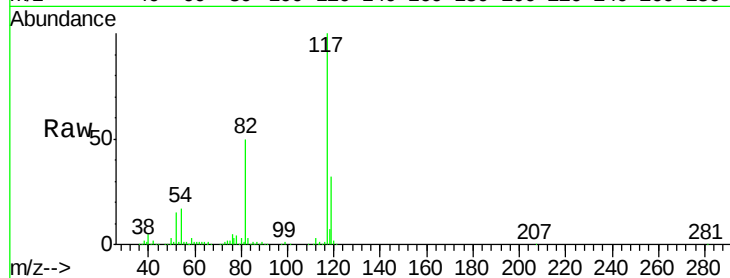
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.2	60.4
119	32.2	25.8	38.8

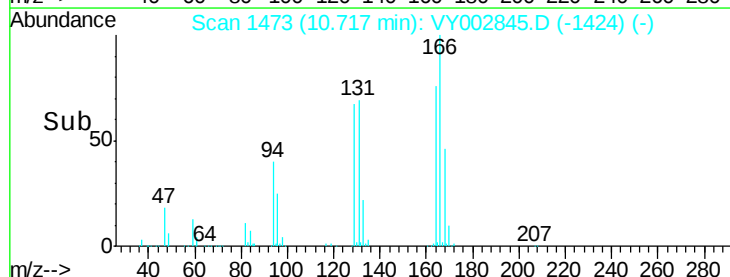
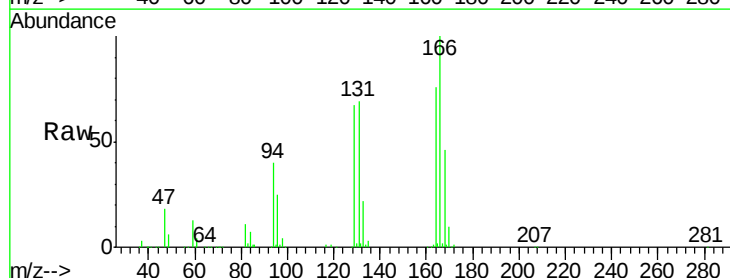
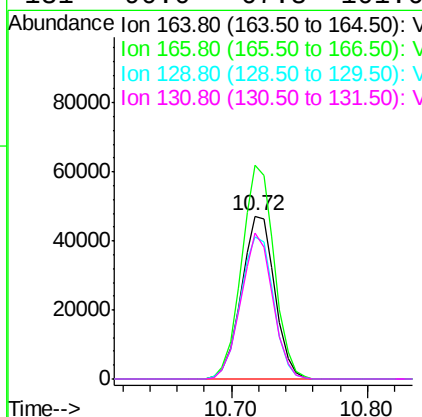
Manual Integrations
APPROVED

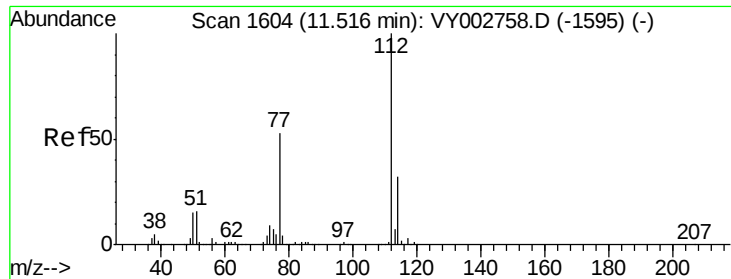
MMDadoda
6/8/2020 11:28:05 AM



#64
Tetrachloroethene
Concen: 20.980 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	102.3	153.5
129	87.6	69.4	104.2
131	90.0	67.8	101.6





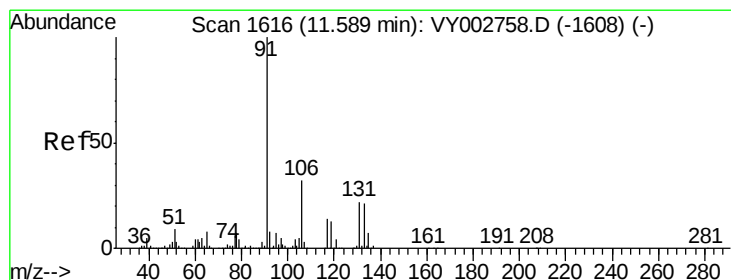
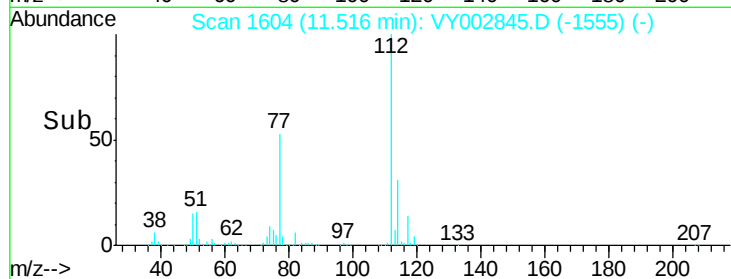
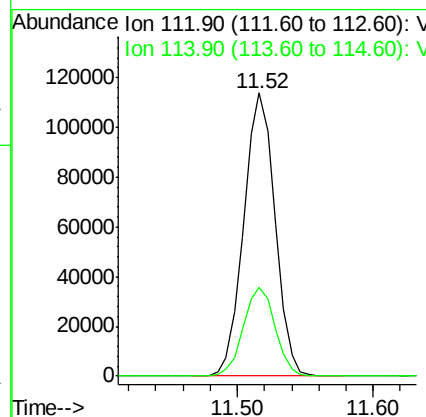
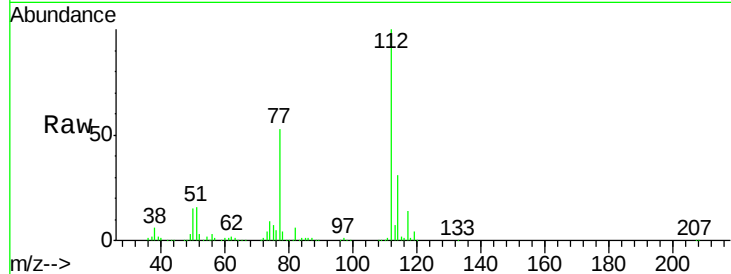
#65
Chlorobenzene
Concen: 21.913 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.7	38.5

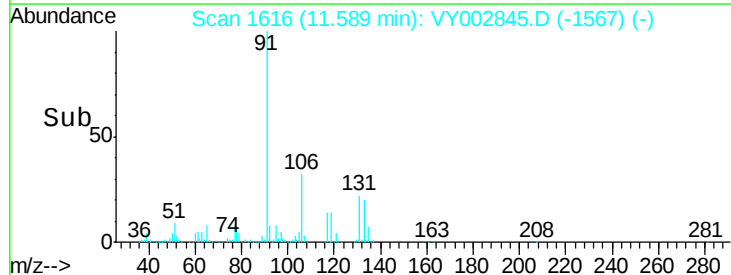
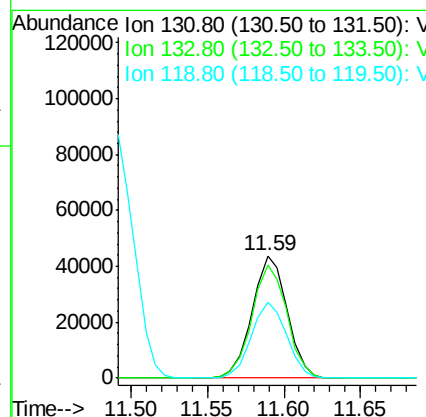
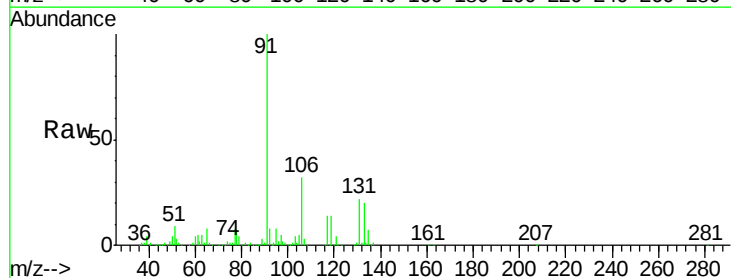
Manual Integrations
APPROVED

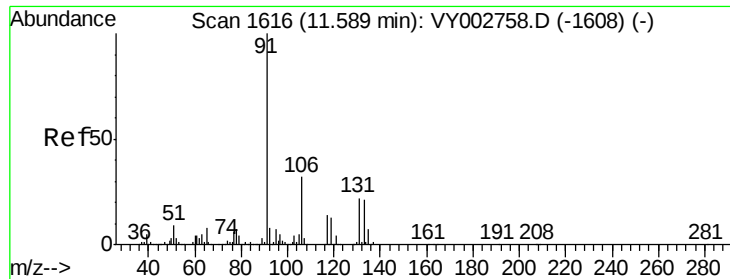
MMDadoda
6/8/2020 11:28:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.190 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	47.6	142.8
119	62.3	31.7	95.1





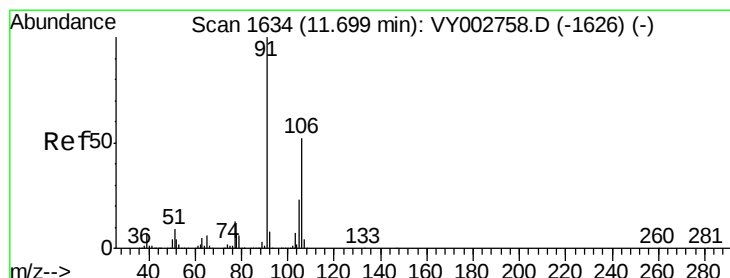
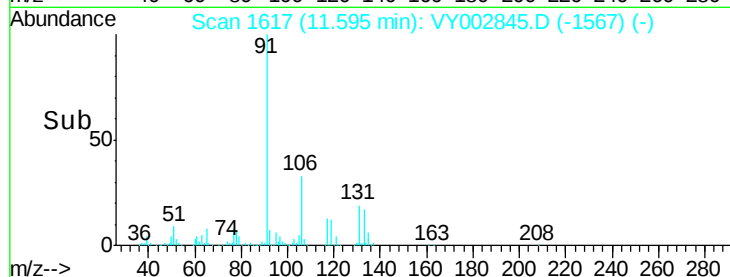
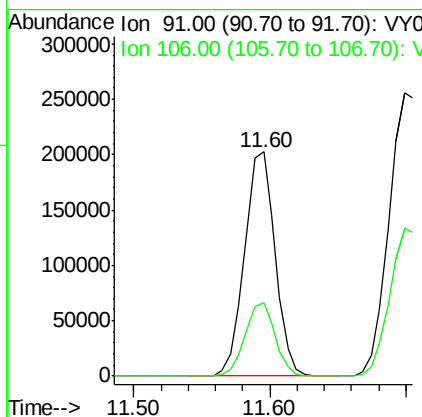
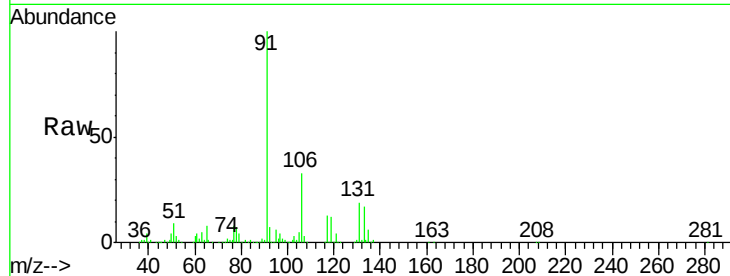
#67
Ethyl Benzene
Concen: 22.024 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.7	38.5

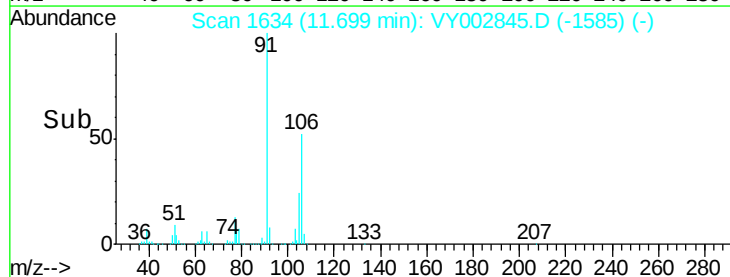
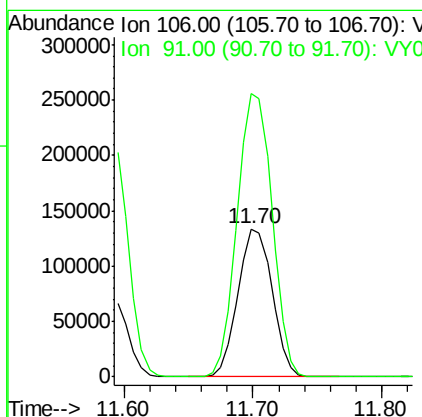
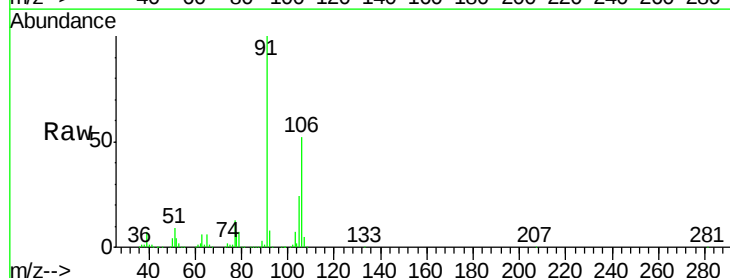
Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#68
m/p-Xylenes
Concen: 43.906 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.6	156.0	234.0





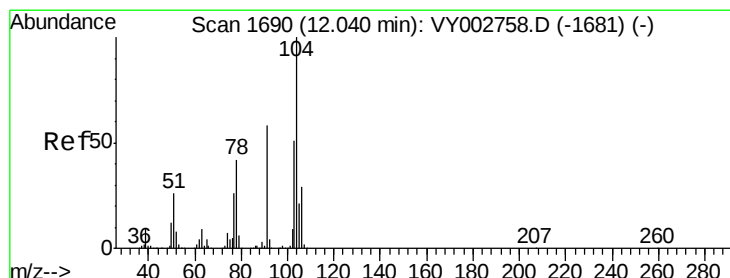
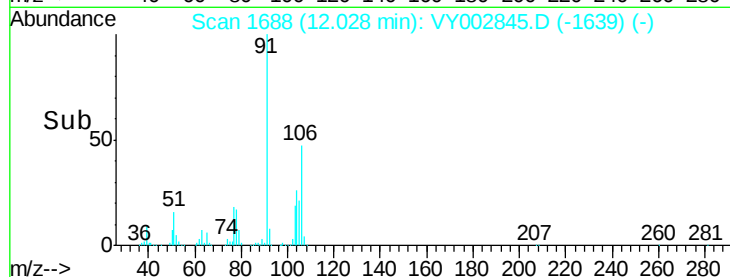
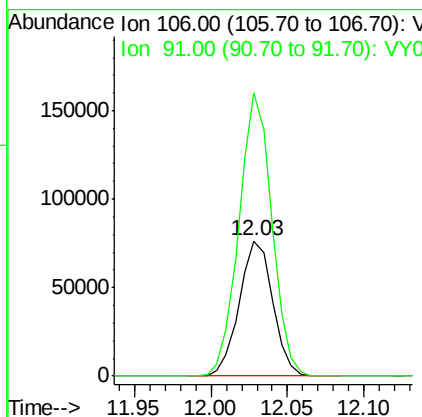
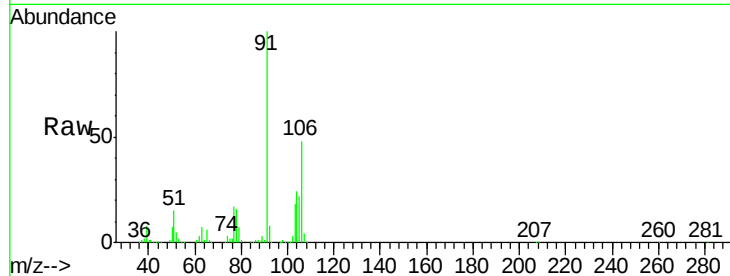
#69
o-Xylene
Concen: 21.895 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.9	102.4	307.1

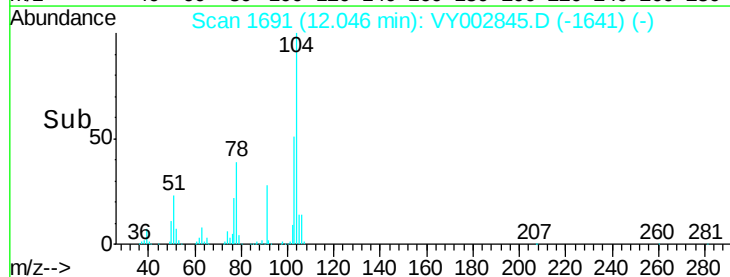
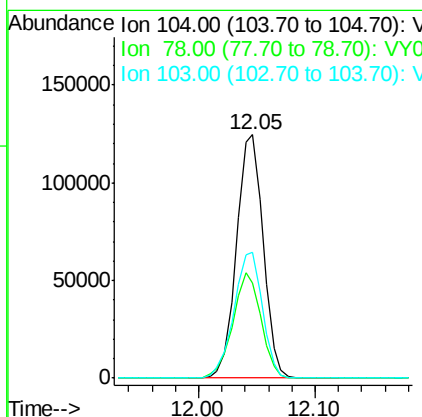
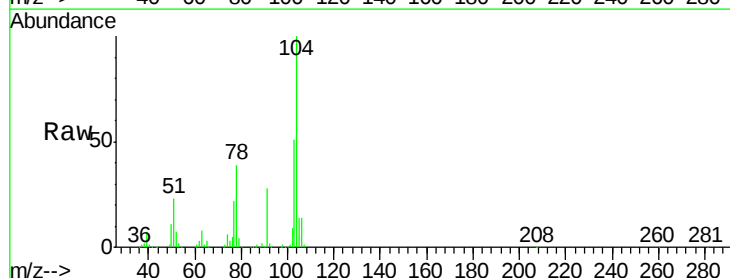
Manual Integrations
APPROVED

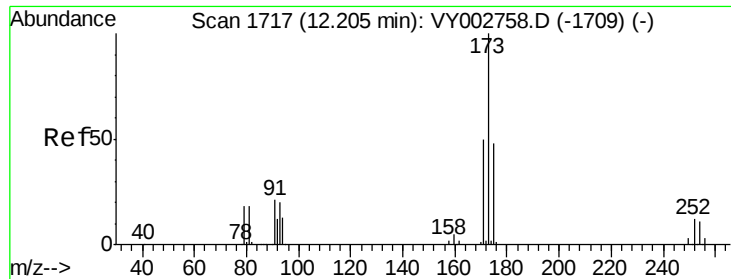
MMDadoda
6/8/2020 11:28:05 AM



#70
Styrene
Concen: 21.706 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.6	36.2	54.4
103	55.4	43.6	65.4





#71

Bromoform

Concen: 21.640 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion:173 Resp: 45506

Ion Ratio Lower Upper

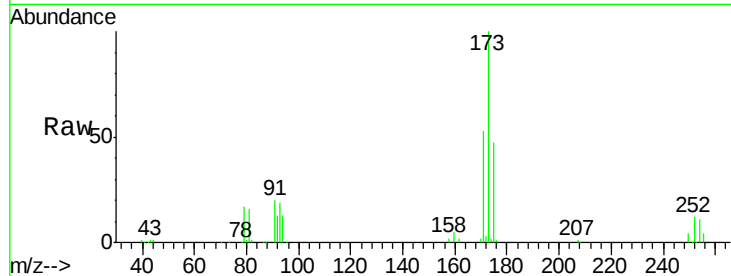
173 100

175 49.1 24.3 72.8

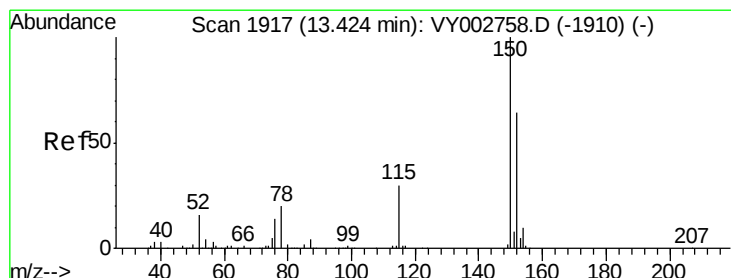
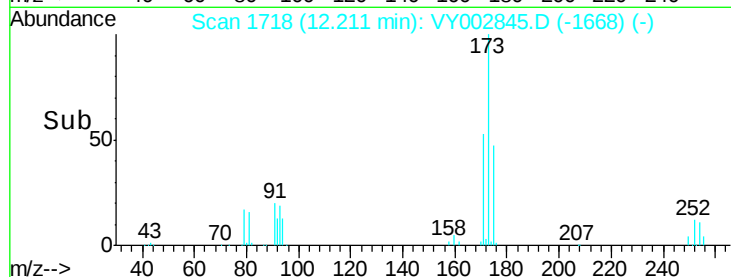
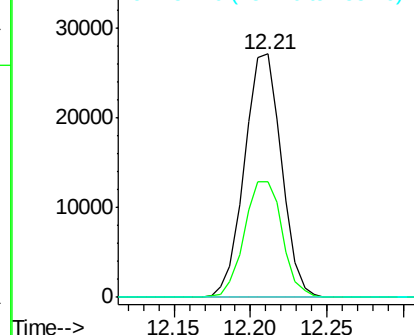
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

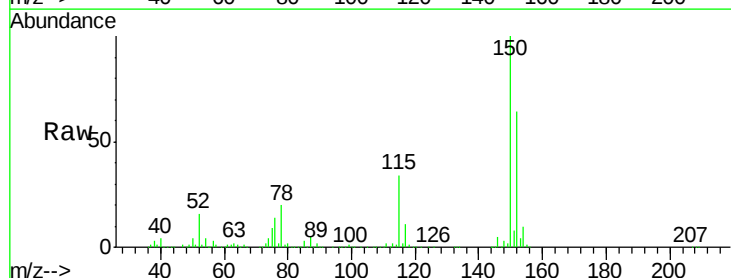
Tgt Ion:152 Resp: 231675

Ion Ratio Lower Upper

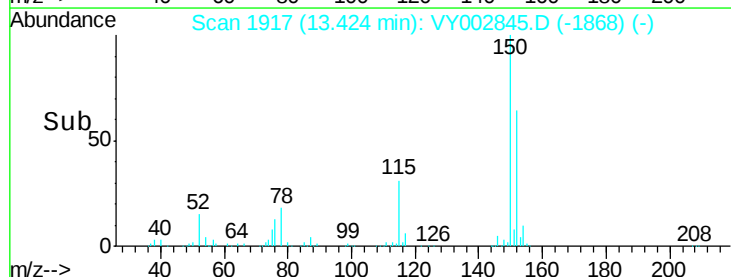
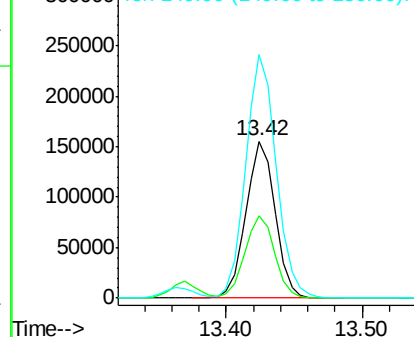
152 100

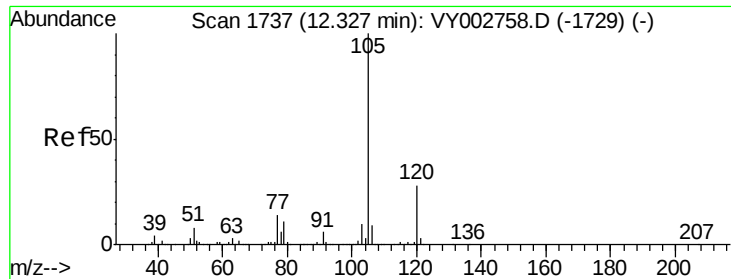
115 53.5 27.0 81.0

150 163.5 0.0 344.8



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





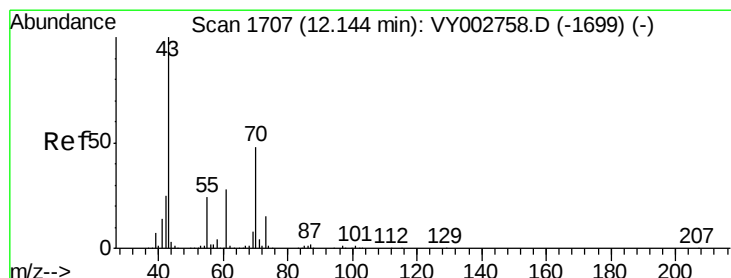
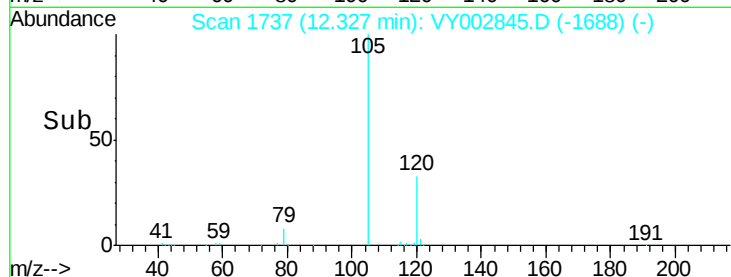
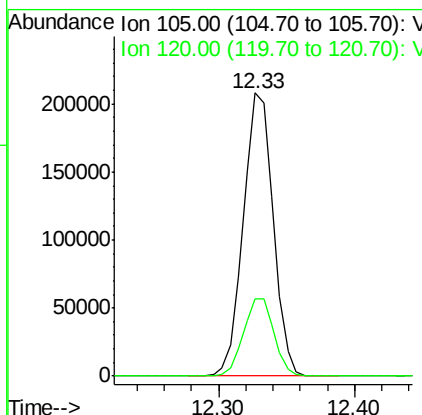
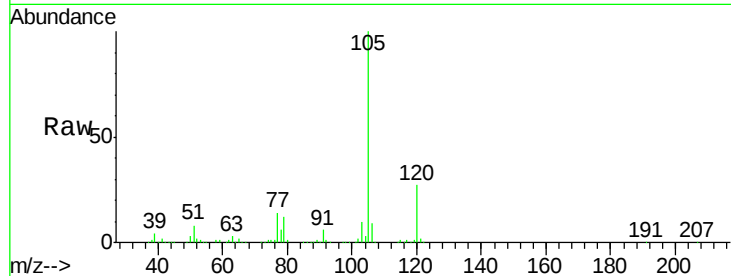
#73
Isopropylbenzene
Concen: 21.586 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.7	41.1

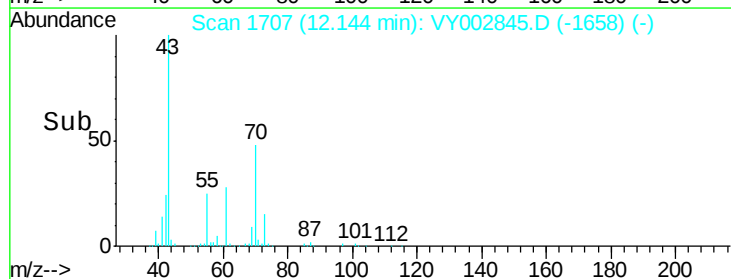
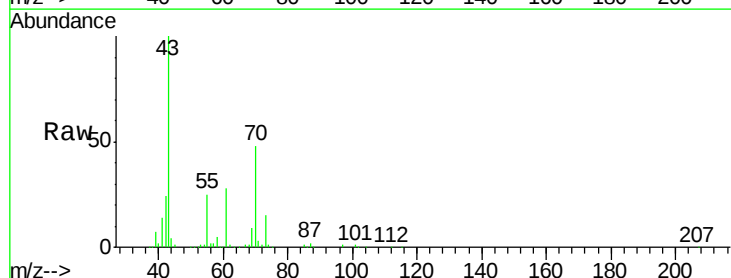
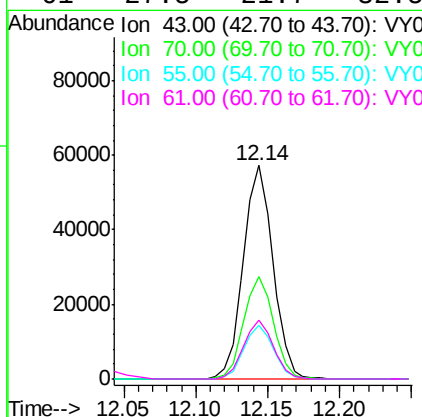
Manual Integrations
APPROVED

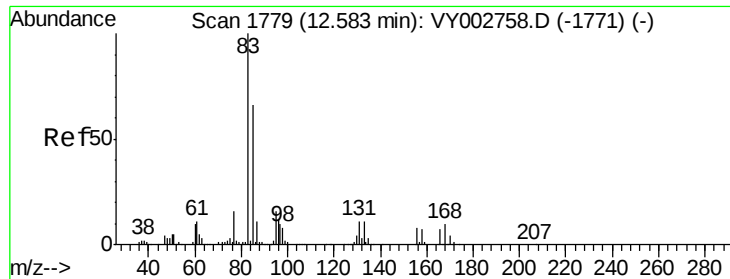
MMDadoda
6/8/2020 11:28:05 AM



#74
N-ethyl acetate
Concen: 21.408 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.1	37.7	56.5
55	25.3	19.8	29.6
61	27.5	21.7	32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.548 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

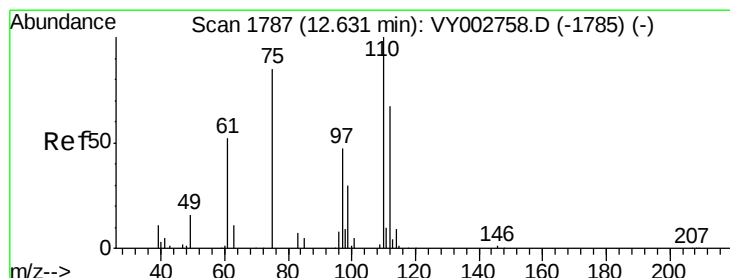
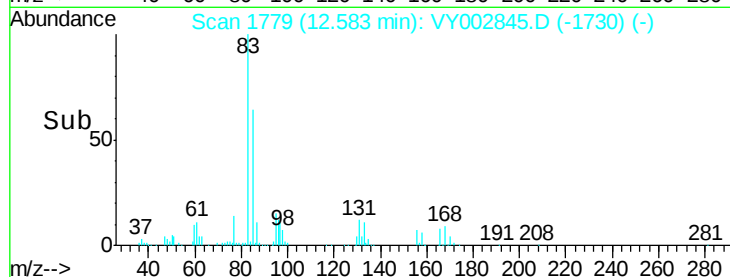
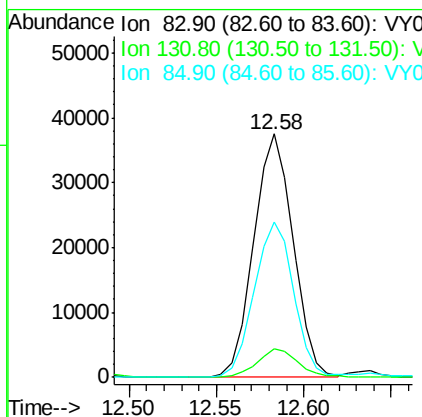
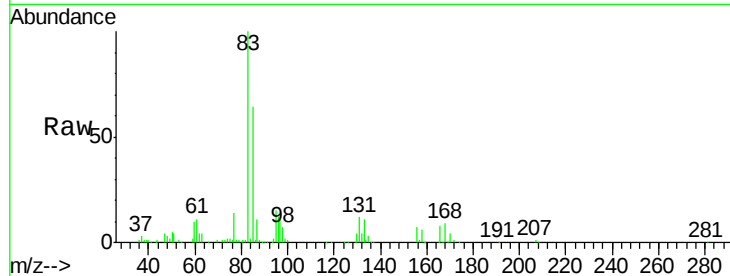
ClientSampleId :

VY0605SBS01

Tot Ion:	83	Resp:	58735
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.8	17.4
85	63.7	32.6	98.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#76

1,2,3-Trichloropropane

Concen: 22.028 ug/l m

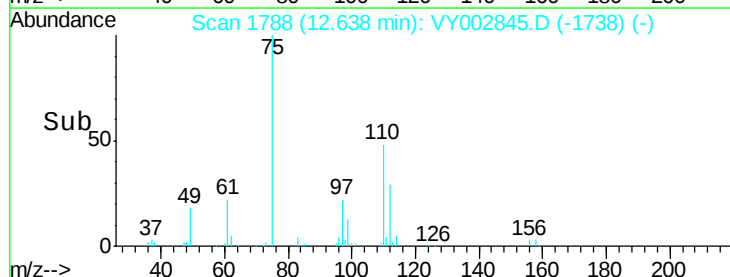
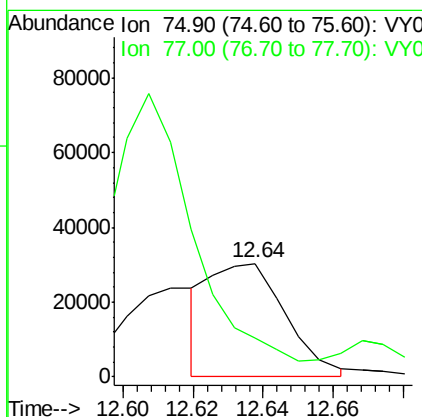
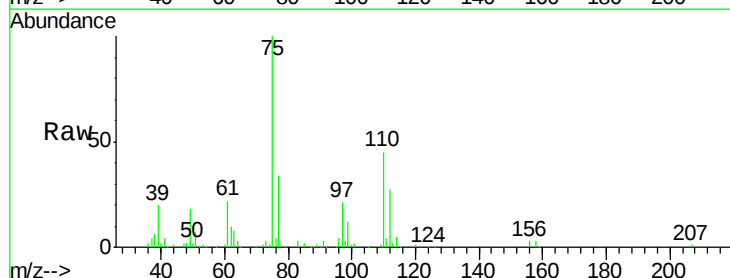
RT: 12.64 min Scan# 1788

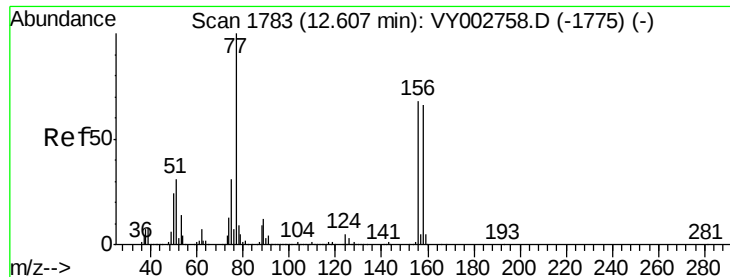
Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	75	Resp:	45985
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.150 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

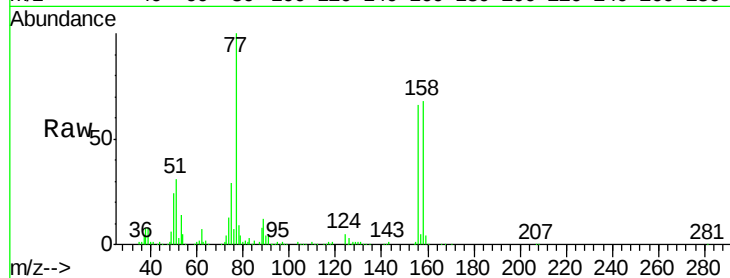
ClientSampleId :

VY0605SBS01

Tot Ion:	156	Resp:	81764
Ion	Ratio	Lower	Upper
156	100		
77	161.5	81.4	244.2
158	96.7	48.5	145.6

Manual Integrations
APPROVED

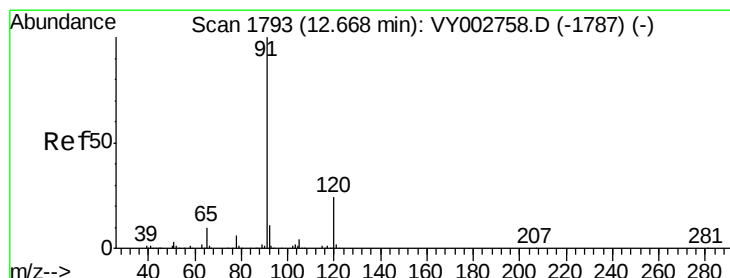
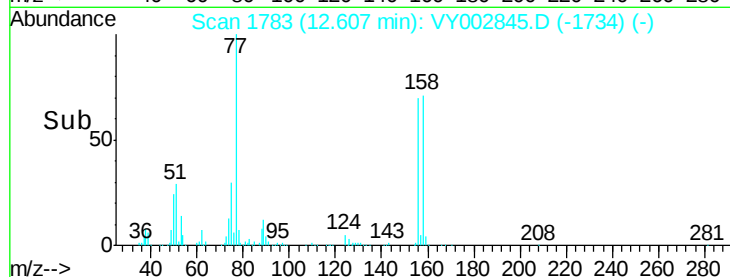
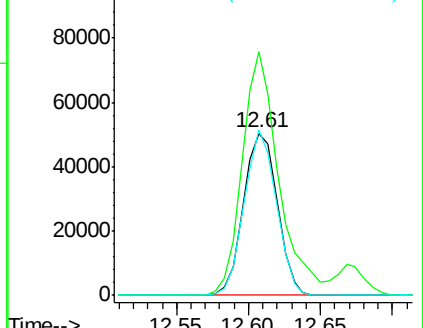
MMDadoda
6/8/2020 11:28:05 AM



Abundance Ion 155.80 (155.50 to 156.50): VY002758.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY002758.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY002758.D (-1775) (-)



#78

n-propylbenzene

Concen: 21.738 ug/l

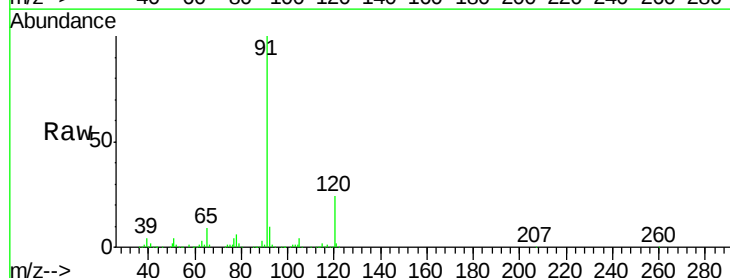
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002845.D

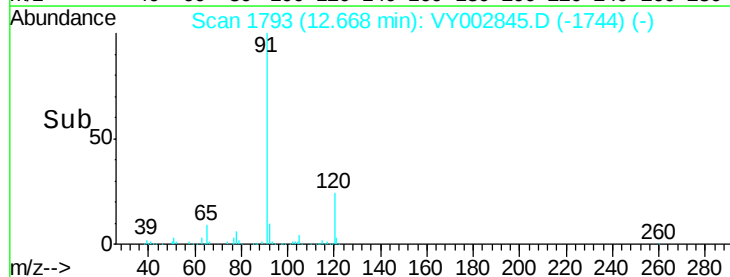
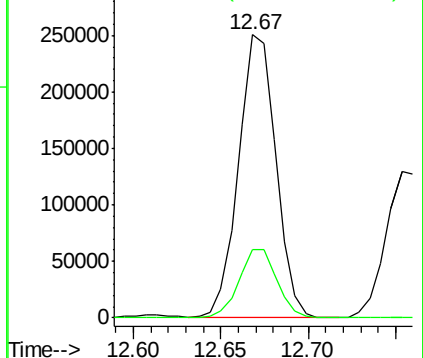
Acq: 05 Jun 2020 13:52

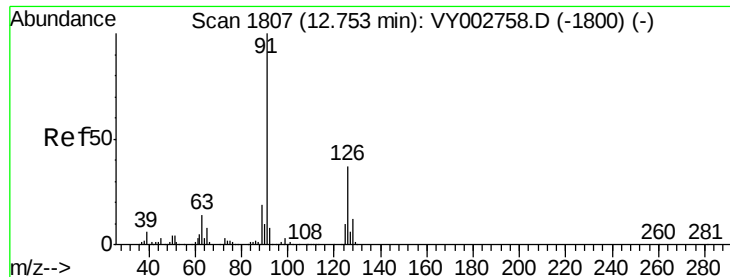
Tgt Ion:	91	Resp:	372796
Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1787) (-)





#79

2-Chlorotoluene

Concen: 21.338 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

Tot Ion: 91 Resp: 205271

Ion Ratio Lower Upper

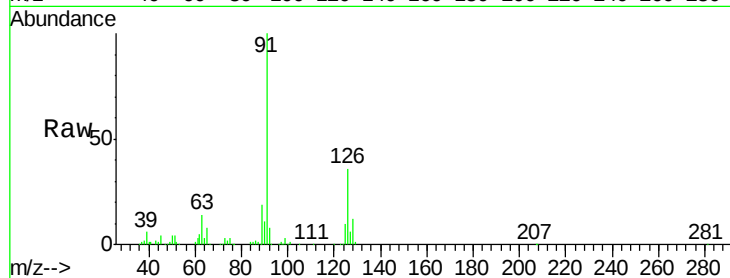
91 100

126 37.2 18.4 55.4

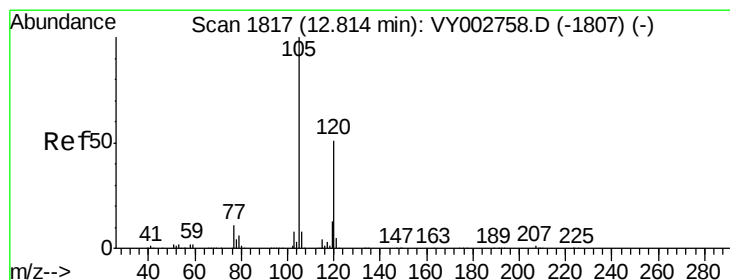
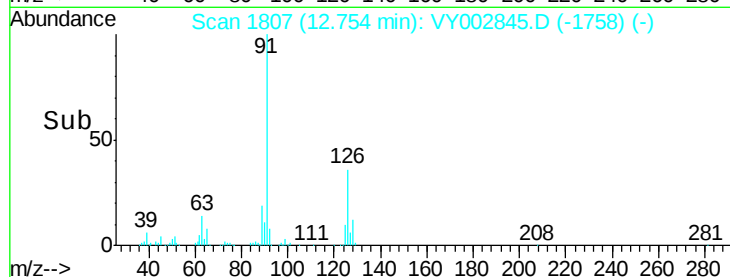
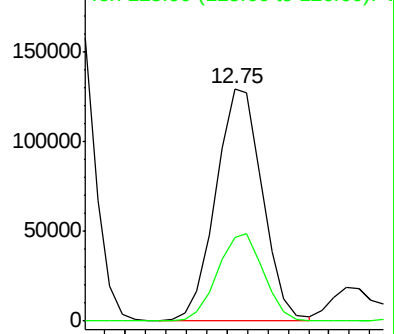
Manual Integrations
APPROVED

MMDadoda

6/8/2020 11:28:05 AM



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.533 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002845.D

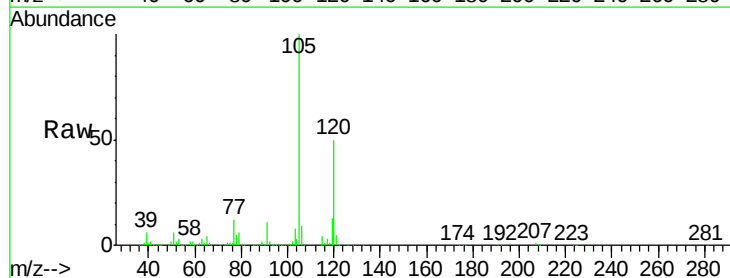
Acq: 05 Jun 2020 13:52

Tgt Ion: 105 Resp: 266931

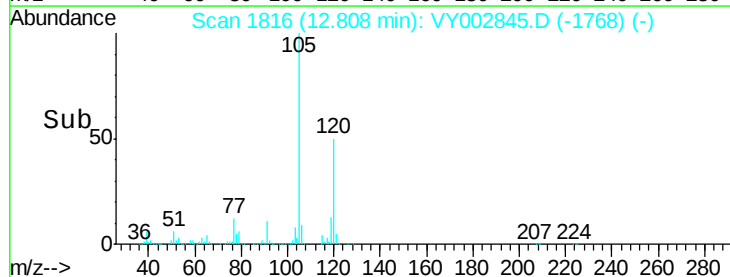
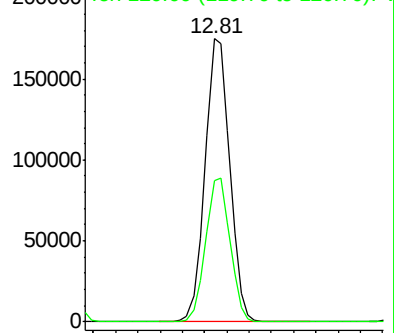
Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.829 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Instrument :

MSVOA_Y

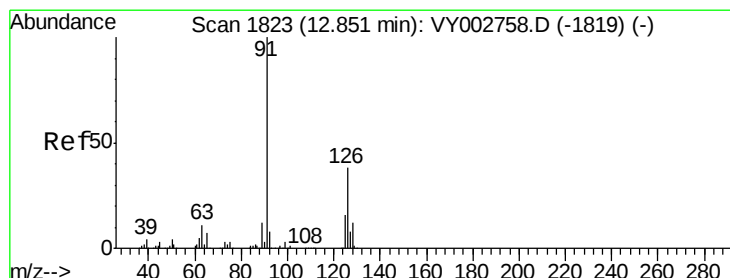
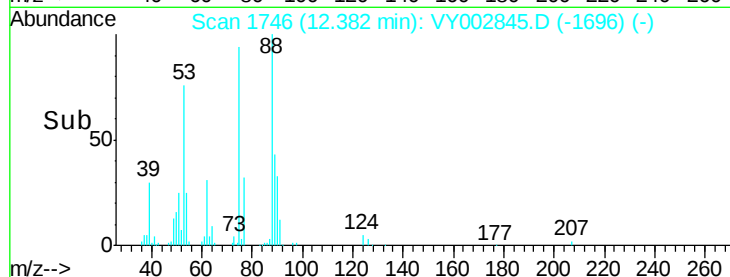
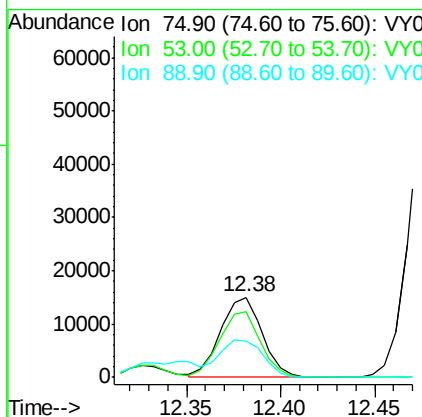
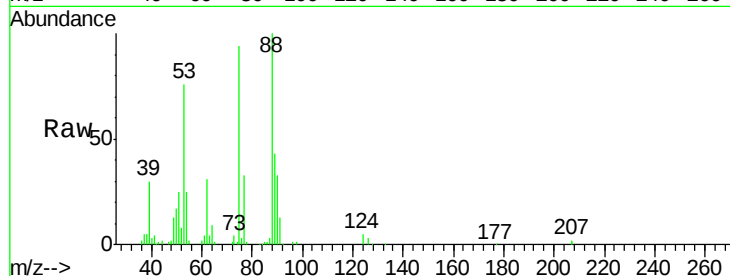
ClientSampleId :

VY0605SBS01

Tot Ion:	75	Resp:	23079
Ion	Ratio	Lower	Upper
75	100		
53	80.7	64.0	96.0
89	48.8	37.4	56.2

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#82

4-Chlorotoluene

Concen: 21.577 ug/l

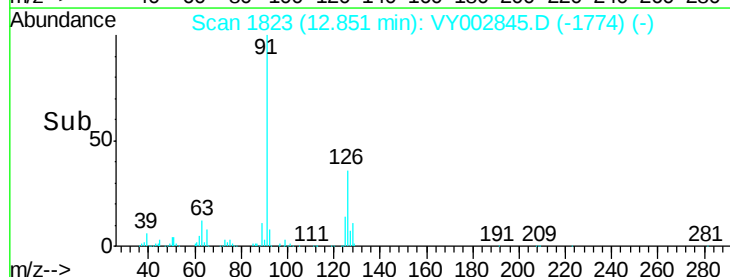
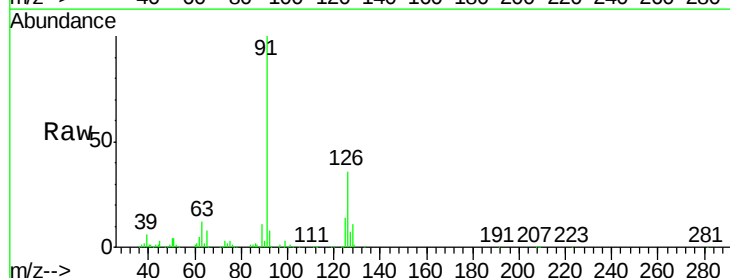
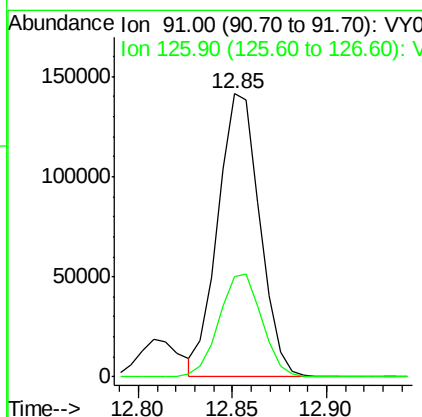
RT: 12.85 min Scan# 1823

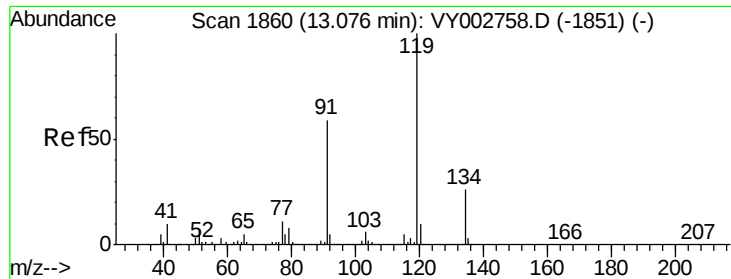
Delta R.T. 0.00 min

Lab File: VY002845.D

Acq: 05 Jun 2020 13:52

Tgt Ion:	91	Resp:	217479
Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.5	55.5





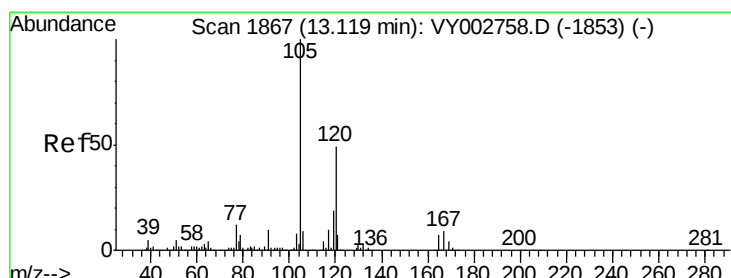
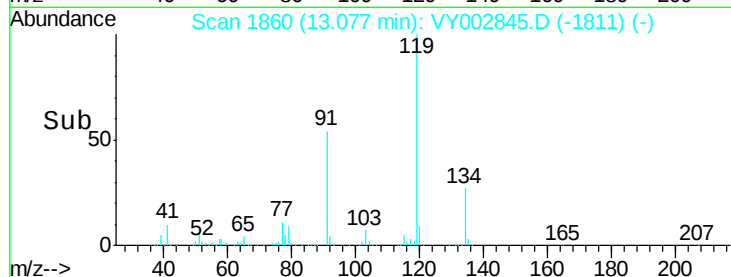
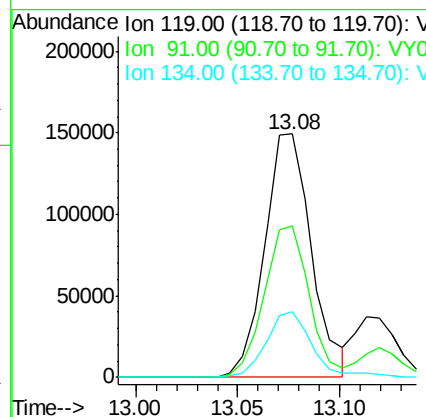
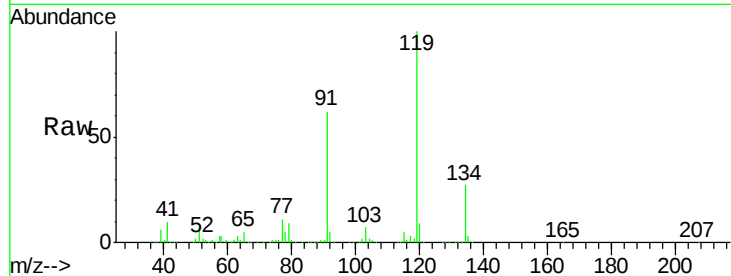
#83
tert-Butylbenzene
Concen: 21.594 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238781		
91	59.8		29.8	89.4
134	26.7		13.3	39.8

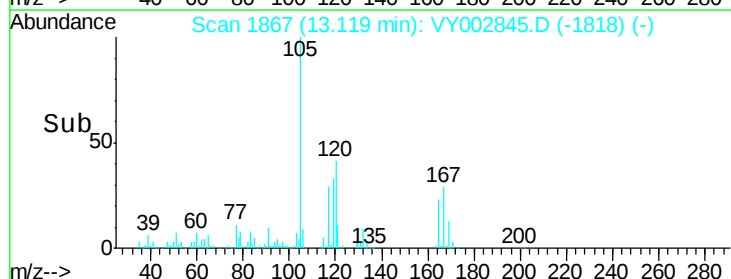
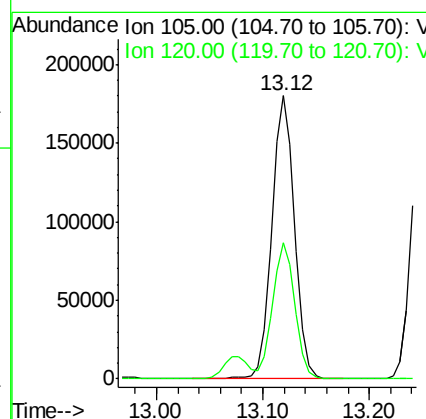
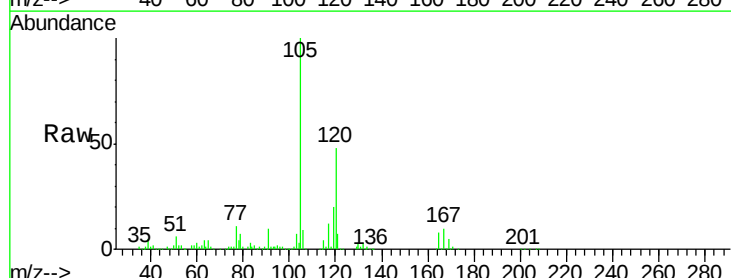
Manual Integrations
APPROVED

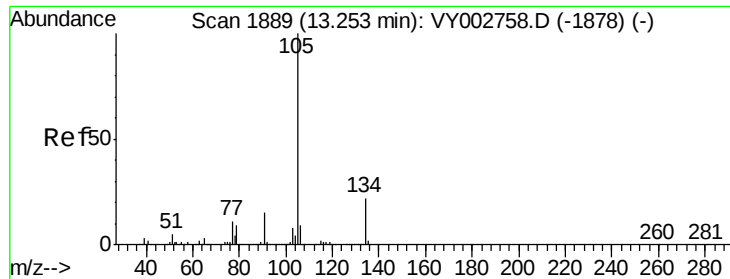
MMDadoda
6/8/2020 11:28:05 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.476 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267685		
120	47.1		23.6	70.8





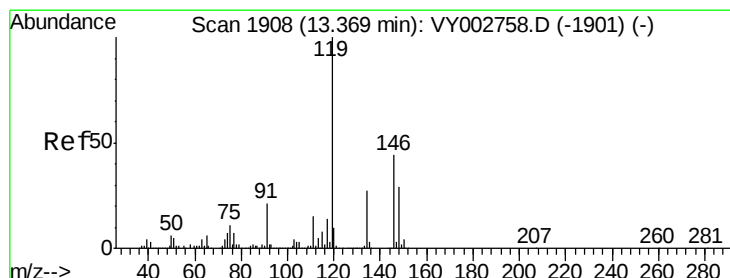
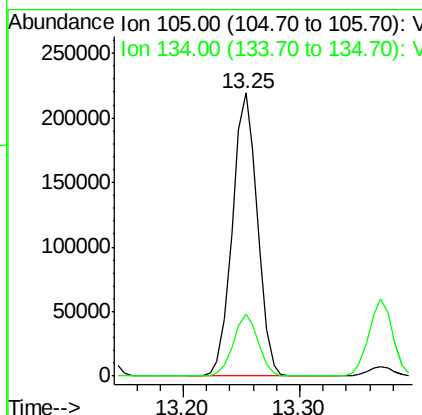
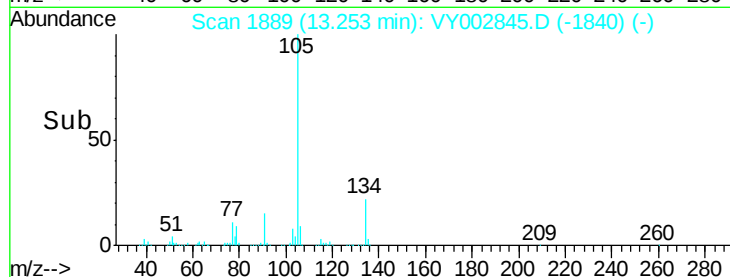
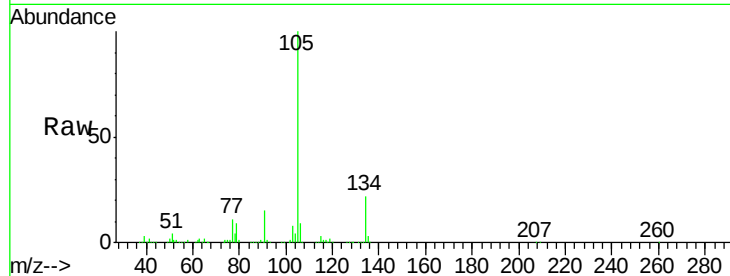
#85
 sec-Butylbenzene
 Concen: 21.656 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.8	32.4

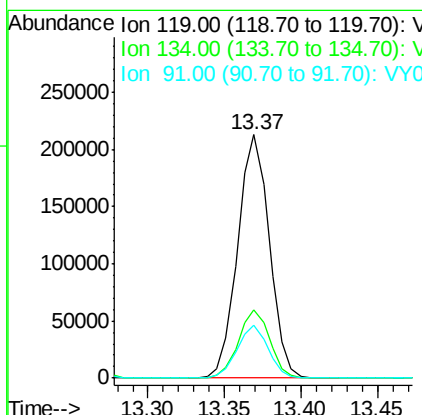
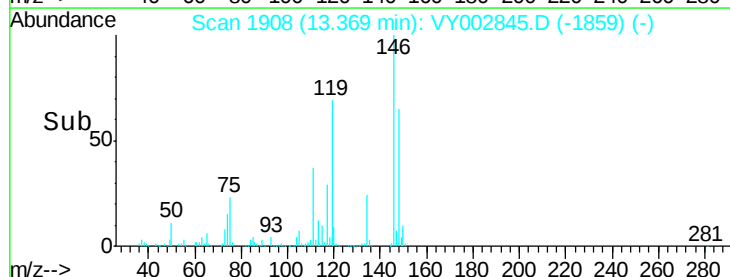
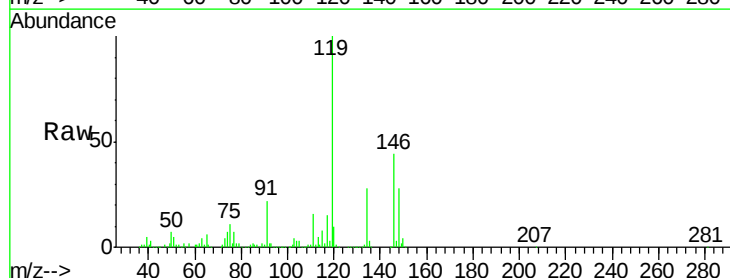
Manual Integrations
 APPROVED

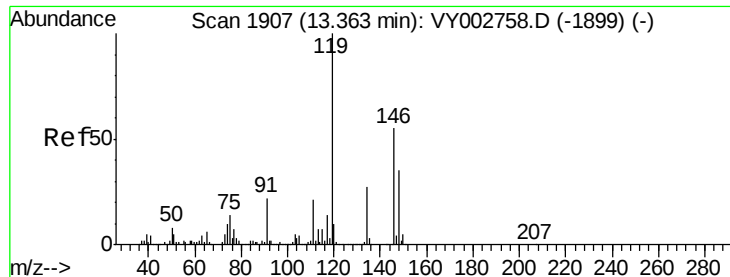
MMDadoda
 6/8/2020 11:28:05 AM



#86
 p-Isopropyltoluene
 Concen: 21.700 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.7	41.0
91	21.3	10.8	32.4





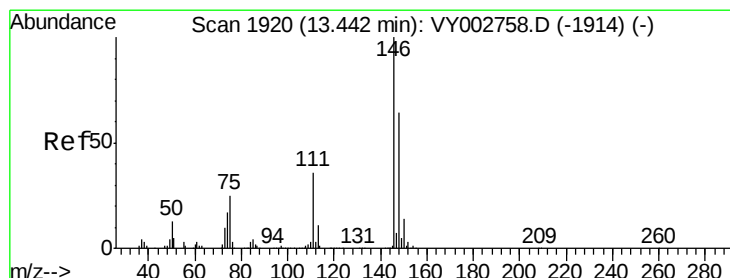
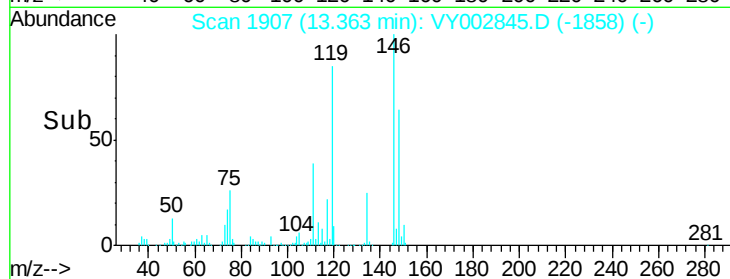
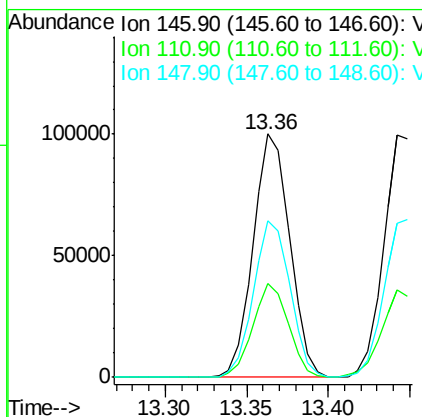
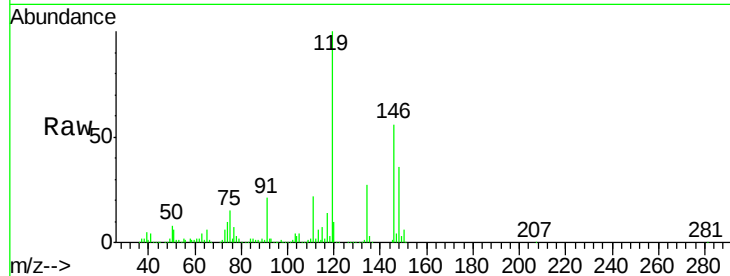
#87
 1,3-Dichlorobenzene
 Concen: 21.393 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156652		
111	37.4	18.4	55.0	
148	64.4	31.9	95.7	

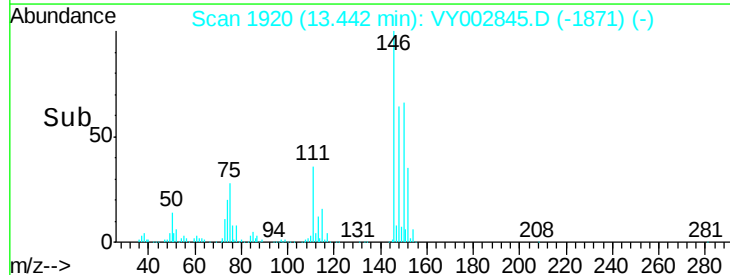
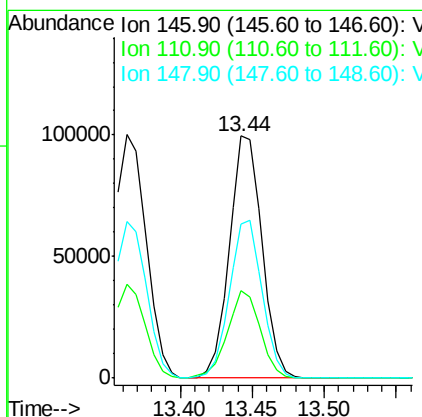
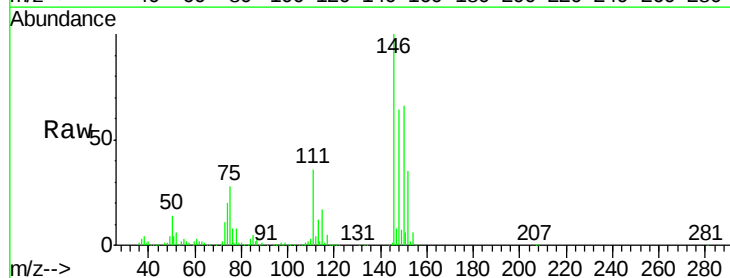
Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.531 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	157718		
111	36.2	18.1	54.3	
148	65.1	32.1	96.3	





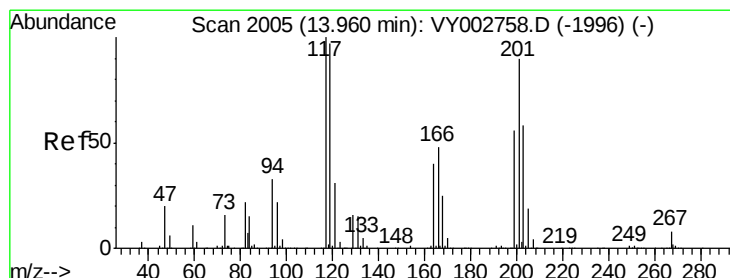
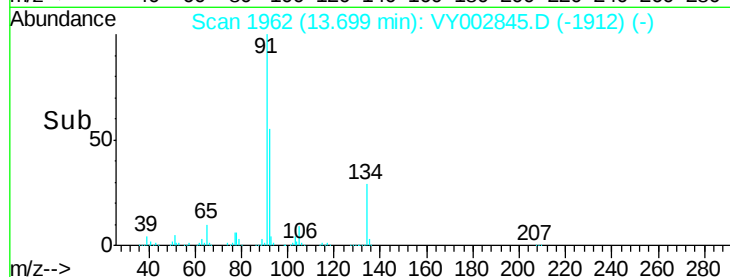
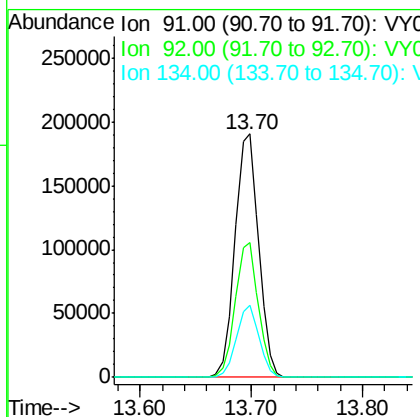
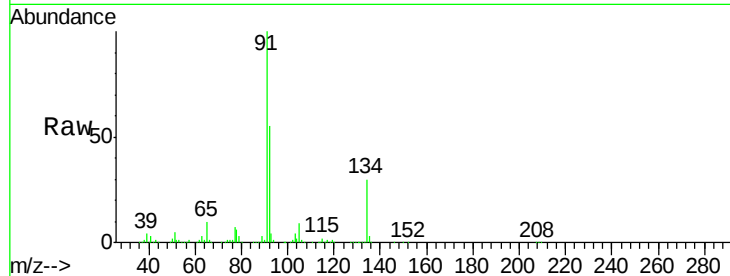
#89
n-Butylbenzene
Concen: 21.833 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	278865		
92	53.8		27.1	81.2
134	28.5		14.3	42.9

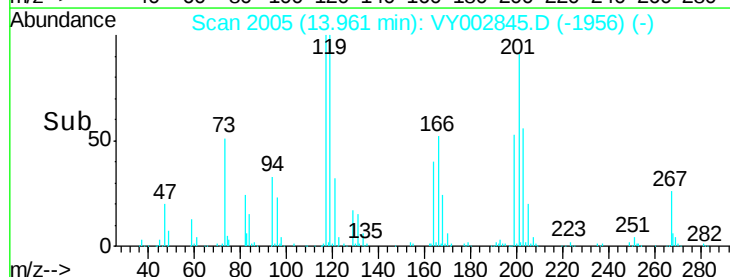
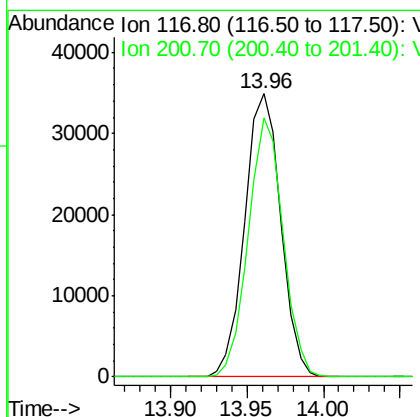
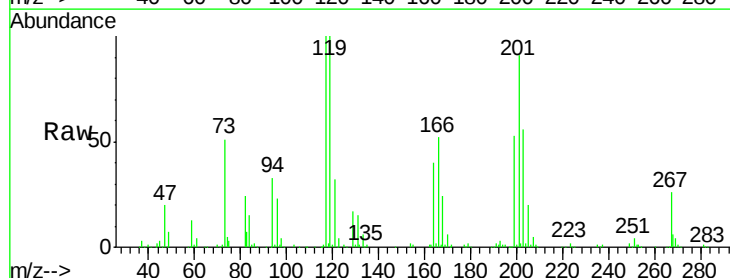
Manual Integrations
APPROVED

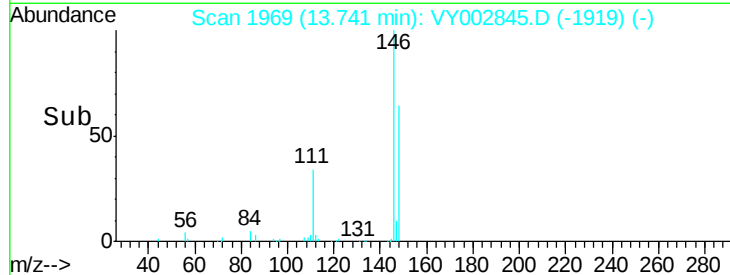
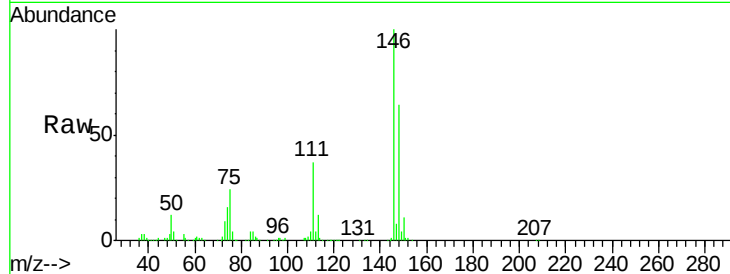
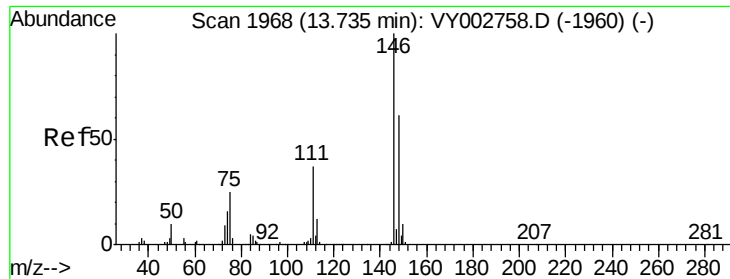
MMDadoda
6/8/2020 11:28:05 AM



#90
Hexachloroethane
Concen: 21.689 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57122		
201	88.2		43.9	131.6





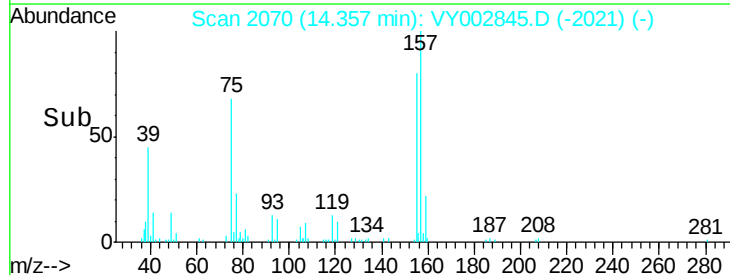
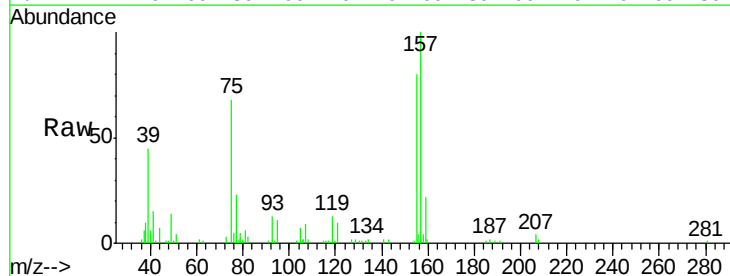
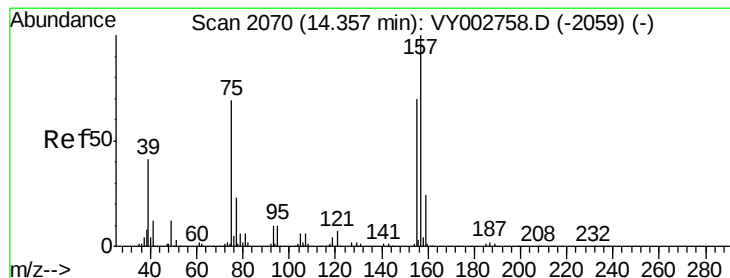
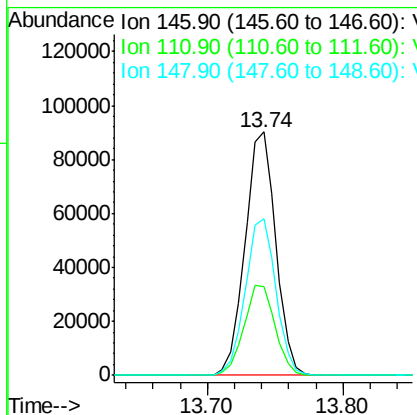
#91
 1,2-Dichlorobenzene
 Concen: 21.454 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tot Ion:	146	Resp:	142475
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.9
148	64.3	31.9	95.5

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

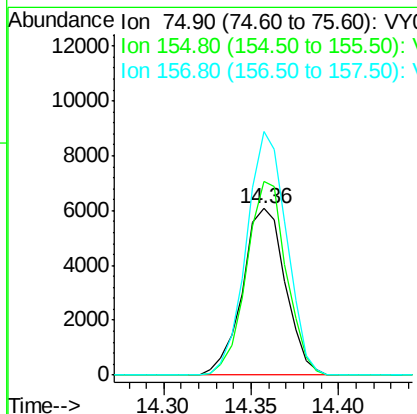
Manual Integrations
 APPROVED

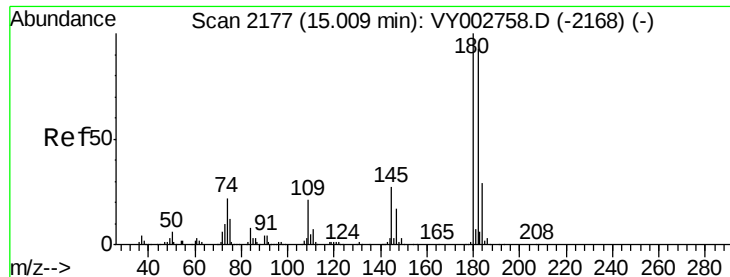
MMDadoda
 6/8/2020 11:28:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.731 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion:	75	Resp:	10390
Ion Ratio	Lower	Upper	
75	100		
155	108.0	53.5	160.5
157	136.2	69.9	209.7





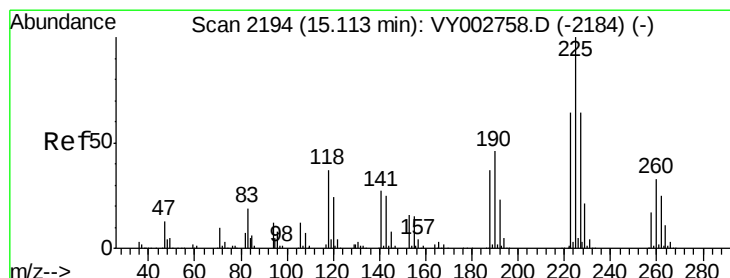
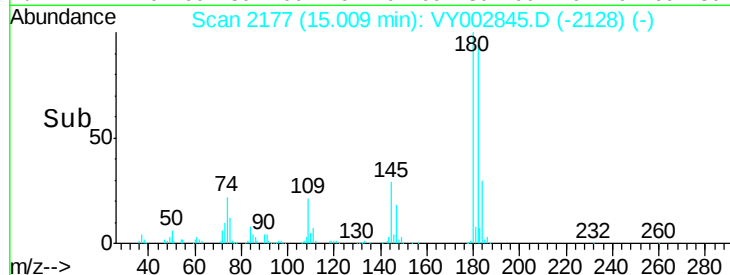
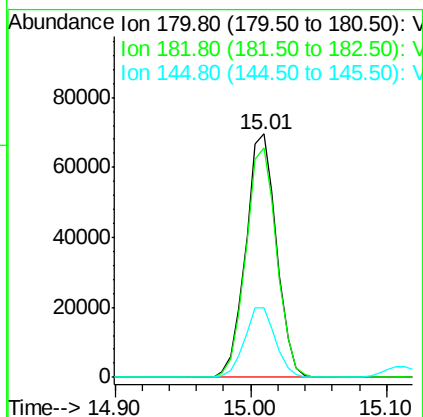
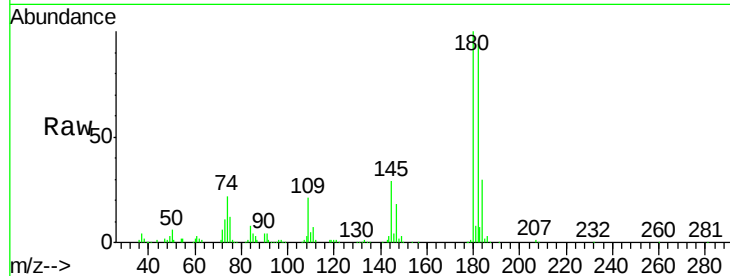
#93
 1,2,4-Trichlorobenzene
 Concen: 21.954 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.3	141.9	
145	28.6	14.1	42.3	

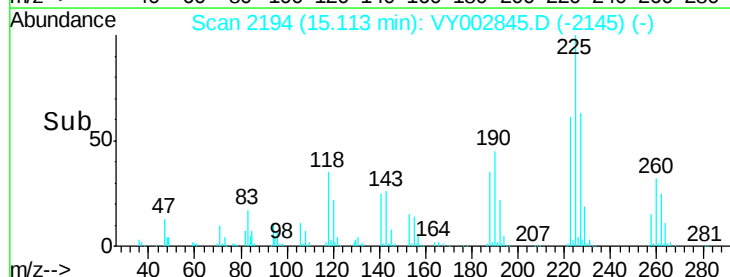
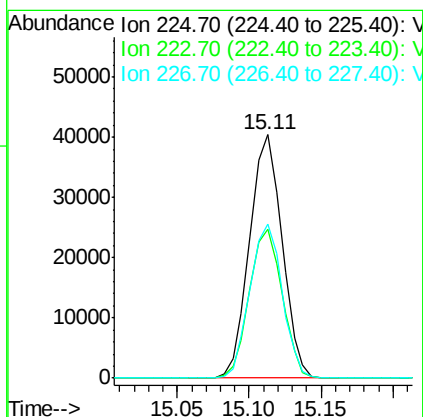
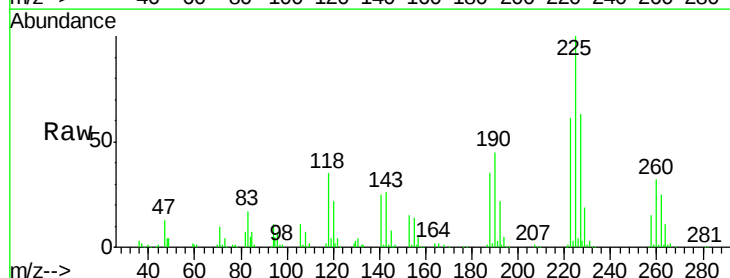
Manual Integrations
 APPROVED

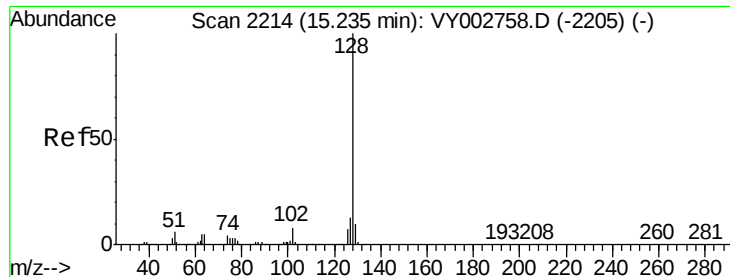
MMDadoda
 6/8/2020 11:28:05 AM



#94
 Hexachlorobutadiene
 Concen: 22.240 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002845.D
 Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.6	95.0	
227	63.1	32.3	96.9	





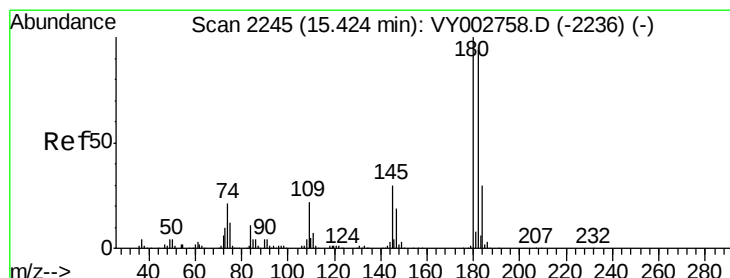
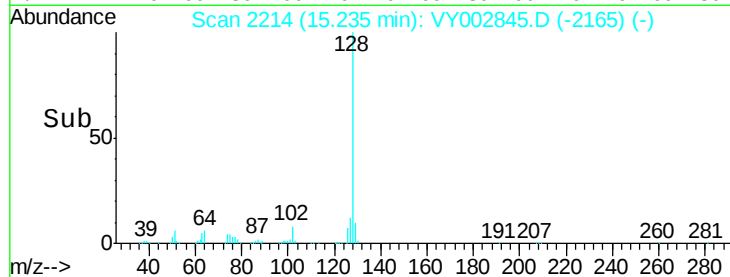
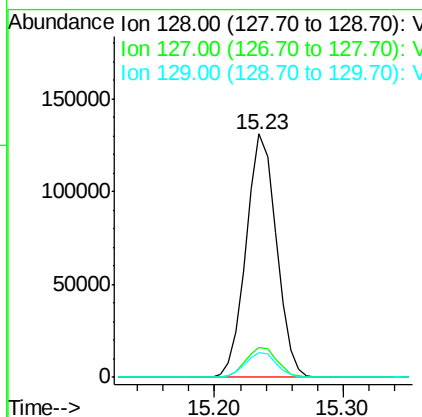
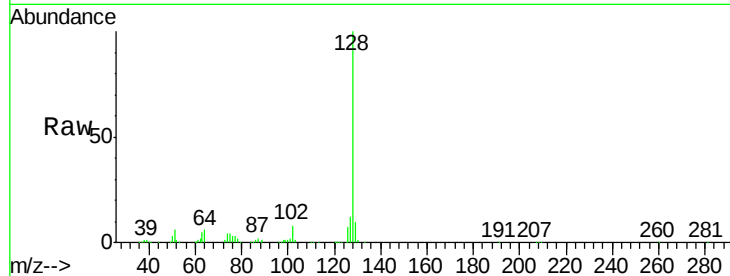
#95
Naphthalene
Concen: 21.132 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	212086		
127	12.8		10.3	15.5
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.597 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002845.D
Acq: 05 Jun 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	96538		
182	95.2		48.1	144.4
145	29.7		15.1	45.3

