

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003115.D
 Acq On : 06 Jul 2020 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:06 AM

Quant Time: Jul 07 08:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	431106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	626012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	308810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	209400	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.72	113	203931	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.18	98	734343	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	262488	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	141442	43.322	ug/l	97
3) Chloromethane	2.12	50	205838	43.053	ug/l	99
4) Vinyl Chloride	2.26	62	211914	45.440	ug/l	98
5) Bromomethane	2.65	94	147167	46.477	ug/l	97
6) Chloroethane	2.80	64	146905	49.517	ug/l	98
7) Trichlorofluoromethane	3.13	101	313938	47.694	ug/l	98
8) Diethyl Ether	3.54	74	112238	49.739	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	191414	48.703	ug/l	99
10) Methyl Iodide	4.10	142	250173	51.333	ug/l	99
11) Tert butyl alcohol	4.98	59	102542	234.994	ug/l	100
12) 1,1-Dichloroethene	3.88	96	184217	49.262	ug/l	91
13) Acrolein	3.74	56	71504	182.448	ug/l	99
14) Allyl chloride	4.49	41	269566	41.287	ug/l	95
15) Acrylonitrile	5.18	53	280757	241.412	ug/l	100
16) Acetone	3.96	43	212860	210.786	ug/l	100
17) Carbon Disulfide	4.20	76	528947	44.271	ug/l	99
18) Methyl Acetate	4.49	43	124683	45.828	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	551788	50.621	ug/l	99
20) Methylene Chloride	4.72	84	219404	48.476	ug/l	88
21) trans-1,2-Dichloroethene	5.22	96	208424	49.274	ug/l	89
22) Diisopropyl ether	6.13	45	631256	45.110	ug/l	98
23) Vinyl Acetate	6.07	43	2177157	232.706	ug/l	97
24) 1,1-Dichloroethane	6.03	63	356946	46.695	ug/l	98
25) 2-Butanone	7.00	43	362133	225.749	ug/l	98
26) 2,2-Dichloropropane	6.99	77	319293	45.973	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	236715	49.894	ug/l	93
28) Bromochloromethane	7.34	49	164046	48.231	ug/l #	83
29) Tetrahydrofuran	7.35	42	251947	236.180	ug/l	90
30) Chloroform	7.52	83	375728	49.614	ug/l	97
31) Cyclohexane	7.79	56	312906	41.551	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	331443	47.948	ug/l	99
36) 1,1-Dichloropropene	7.93	75	284020	47.101	ug/l	98
37) Ethyl Acetate	7.08	43	174987	48.265	ug/l	96
38) Carbon Tetrachloride	7.91	117	302785	48.262	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003115.D
 Acq On : 06 Jul 2020 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:06 AM

Quant Time: Jul 07 08:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	352889	47.201	ug/l	97
40) Benzene	8.16	78	805608	48.800	ug/l	98
41) Methacrylonitrile	7.33	41	102442m	52.895	ug/l	
42) 1,2-Dichloroethane	8.24	62	256739	49.160	ug/l	100
43) Isopropyl Acetate	8.28	43	330288	47.921	ug/l	95
44) Trichloroethene	8.94	130	252527	52.629	ug/l	99
45) 1,2-Dichloropropane	9.22	63	208375	46.917	ug/l	96
46) Dibromomethane	9.31	93	129319	52.133	ug/l	97
47) Bromodichloromethane	9.50	83	303212	49.919	ug/l	98
48) Methyl methacrylate	9.30	41	149978	47.806	ug/l	92
49) 1,4-Dioxane	9.30	88	33459	1104.965	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	883987	248.146	ug/l	96
52) Toluene	10.24	92	516287	49.680	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	321126	50.426	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	358515	49.226	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	185339	53.768	ug/l	96
56) Ethyl methacrylate	10.51	69	262543	52.617	ug/l	95
57) 1,3-Dichloropropane	10.79	76	311640	51.500	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	674915	263.732	ug/l	95
59) 2-Hexanone	10.83	43	618534	248.410	ug/l	97
60) Dibromochloromethane	10.99	129	236304	53.568	ug/l	99
61) 1,2-Dibromoethane	11.09	107	184289	54.230	ug/l	99
64) Tetrachloroethene	10.72	164	277812	56.592	ug/l	99
65) Chlorobenzene	11.52	112	581318	50.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	228095	51.082	ug/l	99
67) Ethyl Benzene	11.59	91	1035611	49.495	ug/l	99
68) m/p-Xylenes	11.70	106	779052	100.042	ug/l	99
69) o-Xylene	12.03	106	371701	50.653	ug/l	96
70) Styrene	12.04	104	648045	51.693	ug/l	99
71) Bromoform	12.20	173	165233	55.495	ug/l	97
73) Isopropylbenzene	12.33	105	1013195	50.133	ug/l	99
74) N-amyl acetate	12.14	43	316174	48.055	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	204617	50.169	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	158398m	51.827	ug/l	
77) Bromobenzene	12.61	156	267418	51.606	ug/l	96
78) n-propylbenzene	12.67	91	1188531	48.899	ug/l	99
79) 2-Chlorotoluene	12.75	91	670430	49.417	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	845024	49.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	81641	51.972	ug/l #	80
82) 4-Chlorotoluene	12.85	91	696571	49.314	ug/l	98
83) tert-Butylbenzene	13.07	119	743229	49.909	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	853545	49.947	ug/l	98
85) sec-Butylbenzene	13.25	105	1022047	49.793	ug/l	100
86) p-Isopropyltoluene	13.37	119	950857	49.994	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	493447	51.005	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	489719	51.335	ug/l	99
89) n-Butylbenzene	13.69	91	889221	48.865	ug/l	99
90) Hexachloroethane	13.96	117	172238	45.605	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	448971	51.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37226	51.560	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003115.D
Acq On : 06 Jul 2020 16:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM

Quant Time: Jul 07 08:31:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	328755	50.971	ug/l	99
94) Hexachlorobutadiene	15.11	225	198688	48.838	ug/l	99
95) Naphthalene	15.23	128	640069	54.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	283918	50.694	ug/l	100

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

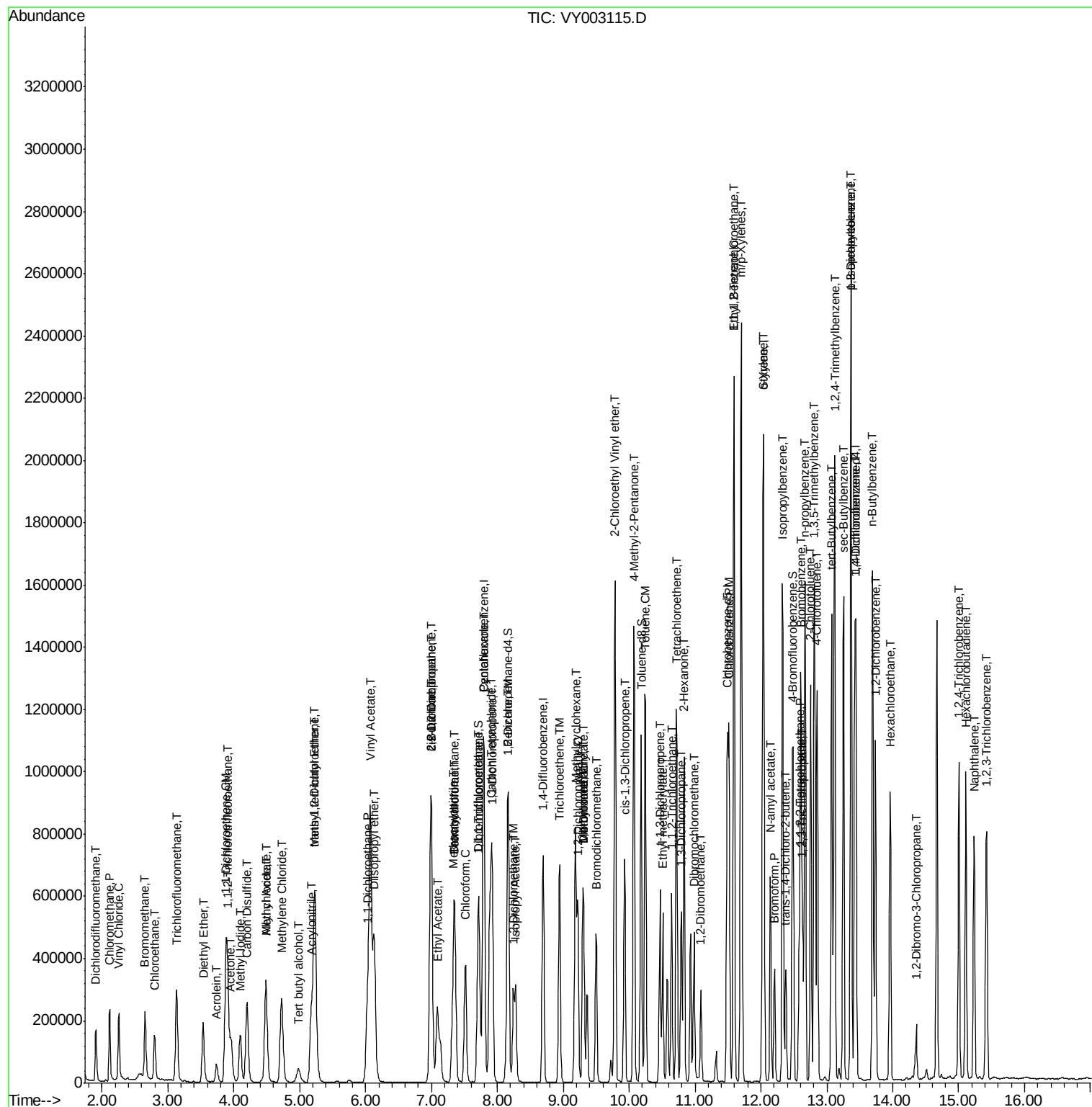
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003115.D
Acq On : 06 Jul 2020 16:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

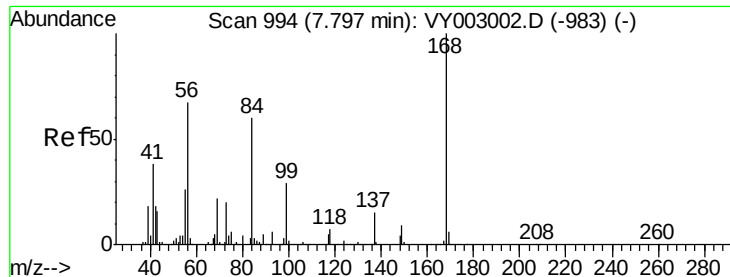
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM

Quant Time: Jul 07 08:31:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 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: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 431106

Ion Ratio Lower Upper

168 100

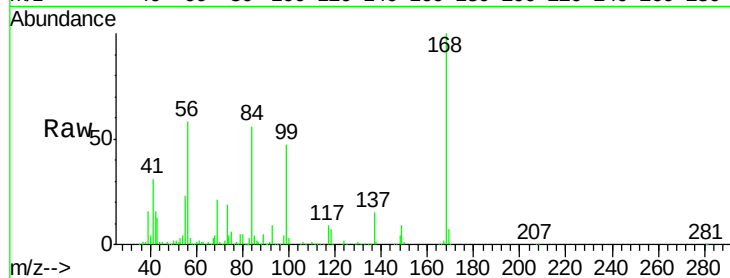
99 46.5 39.2 58.8

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:06 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003115.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003115.D (-945) (-)

7.80

200000

150000

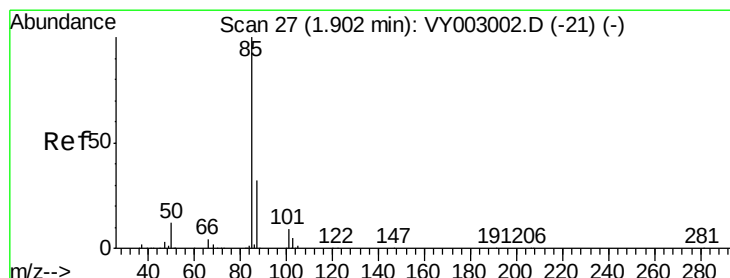
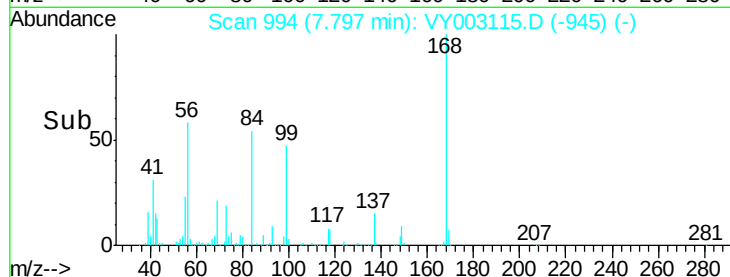
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.322 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003115.D

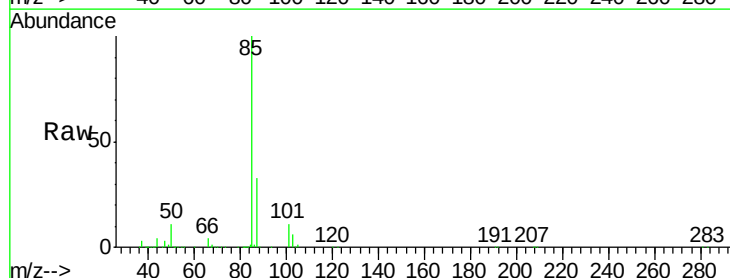
Acq: 06 Jul 2020 16:54

Tgt Ion: 85 Resp: 141442

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003115.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003115.D (-1) (-)

1.91

100000

80000

60000

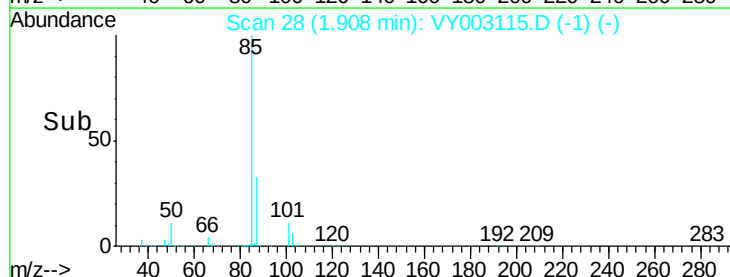
40000

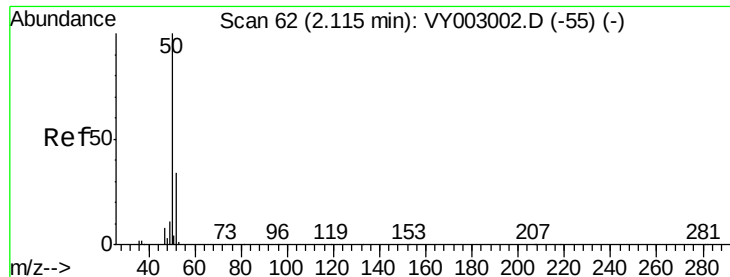
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.053 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 205838

Ion Ratio Lower Upper

50 100

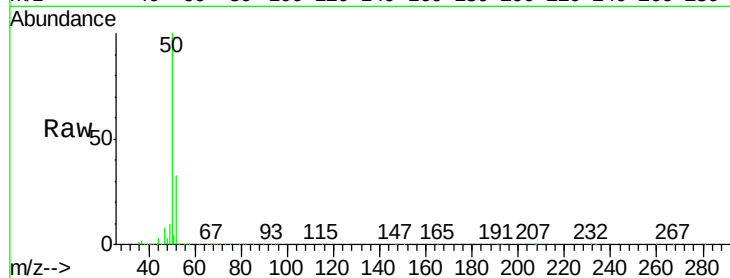
52 32.9 26.9 40.3

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:06 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

150000

100000

50000

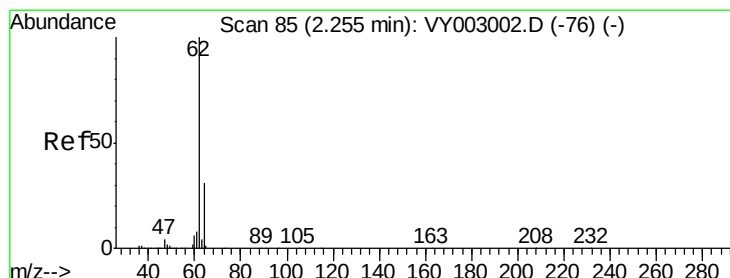
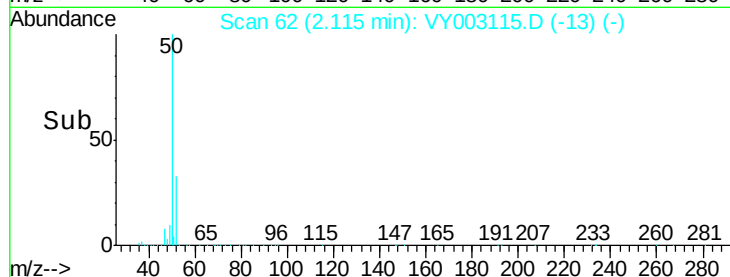
0

2.12

2.10

2.20

Time-->



#4

Vinyl Chloride

Concen: 45.440 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003115.D

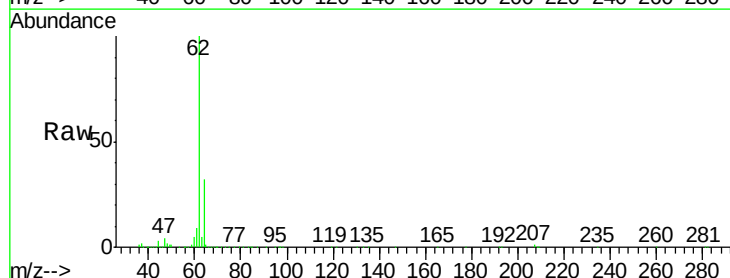
Acq: 06 Jul 2020 16:54

Tgt Ion: 62 Resp: 211914

Ion Ratio Lower Upper

62 100

64 31.7 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

150000

100000

50000

0

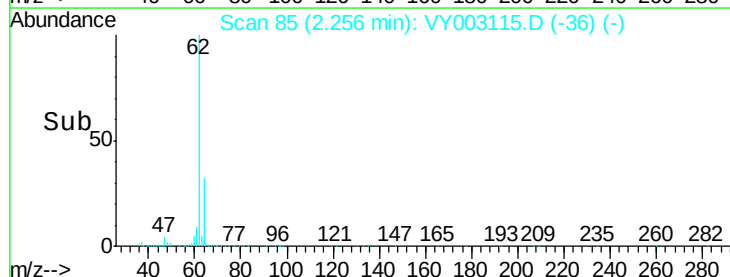
2.26

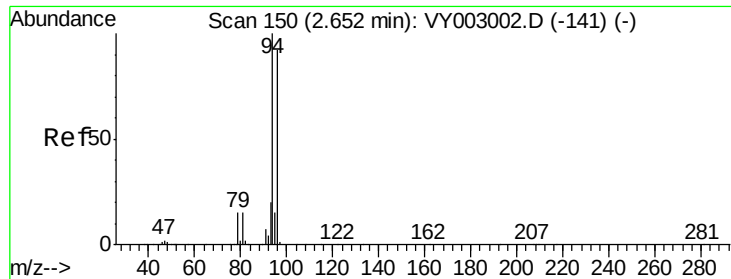
2.20

2.30

2.40

Time-->





#5

Bromomethane

Concen: 46.477 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 147167

Ion Ratio Lower Upper

94 100

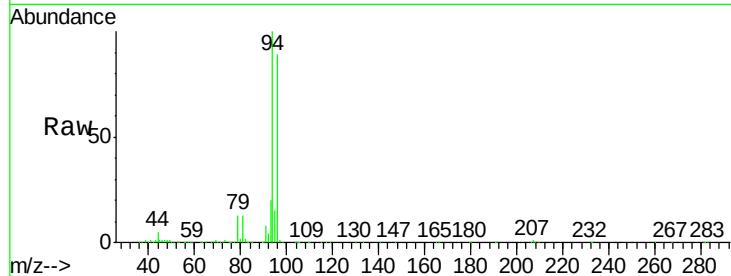
96 88.5 73.4 110.2

Manual Integrations

APPROVED

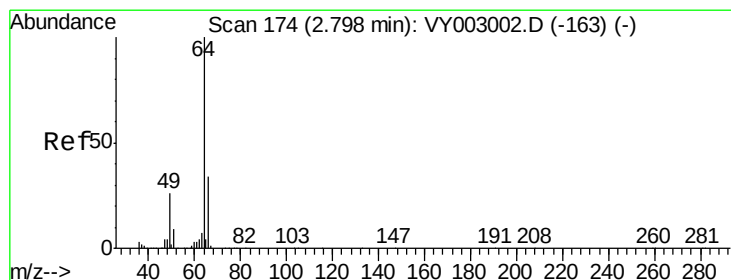
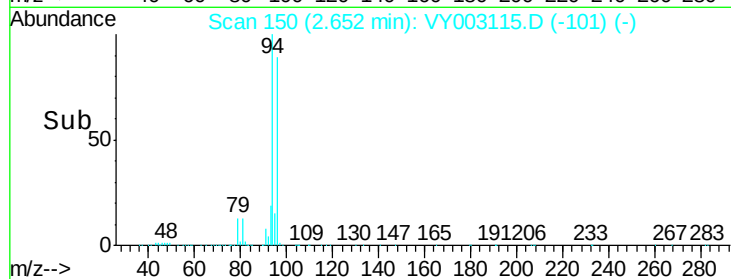
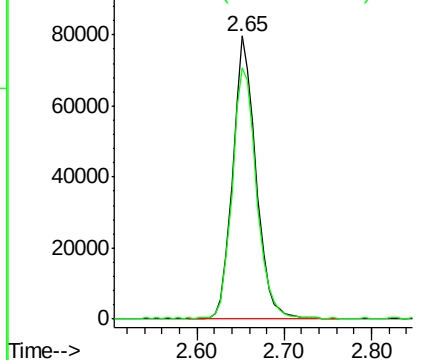
MMDadoda

7/7/2020 11:12:06 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.517 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003115.D

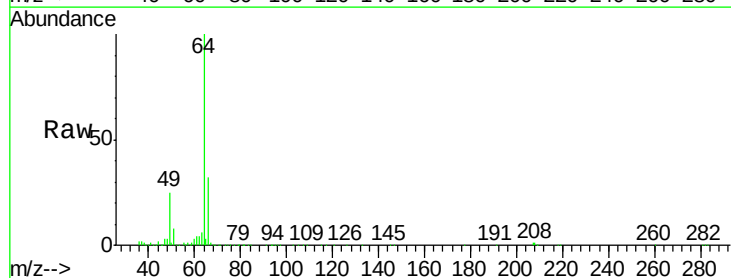
Acq: 06 Jul 2020 16:54

Tgt Ion: 64 Resp: 146905

Ion Ratio Lower Upper

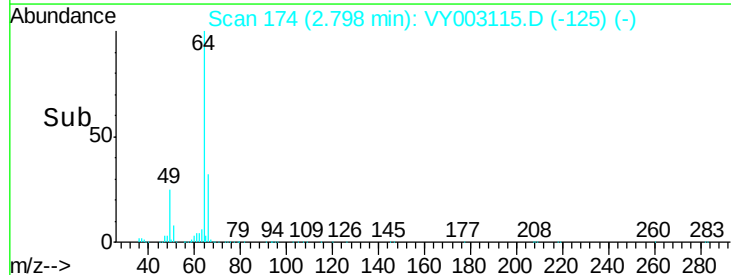
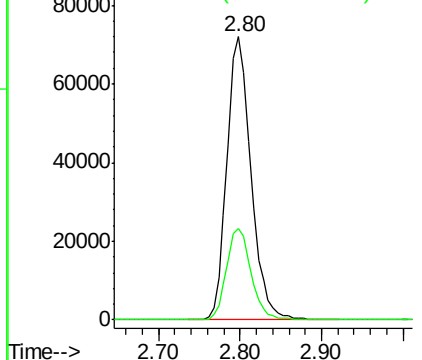
64 100

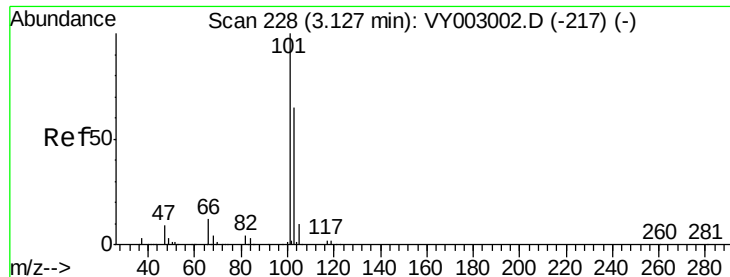
66 32.3 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

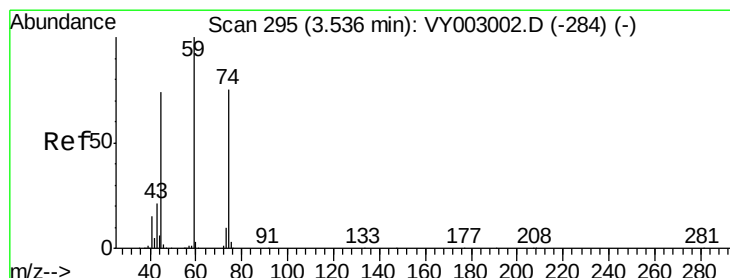
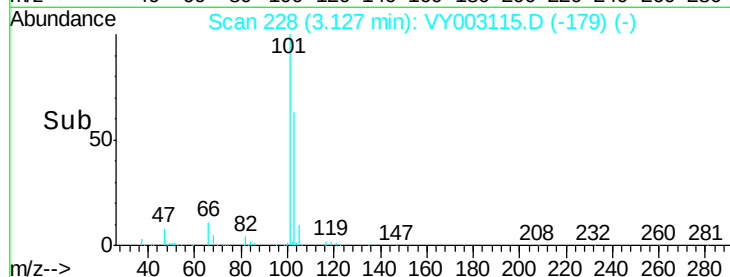
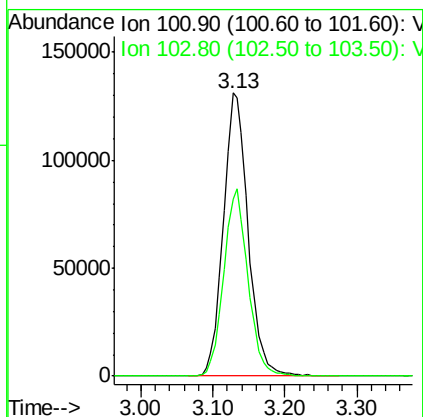
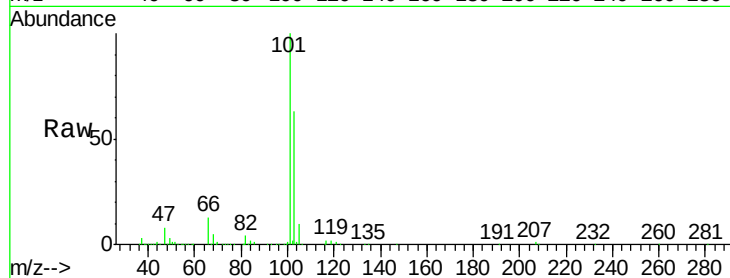
Trichlorofluoromethane
Concen: 47.694 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.6	77.4

Manual Integrations
APPROVED

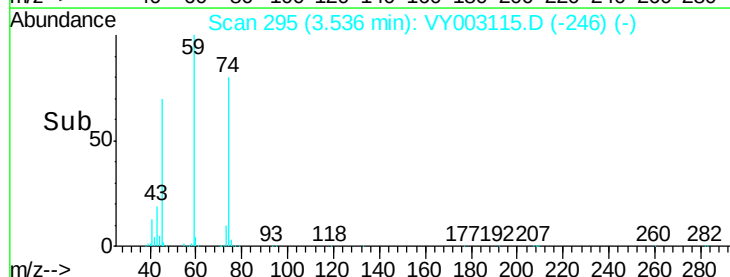
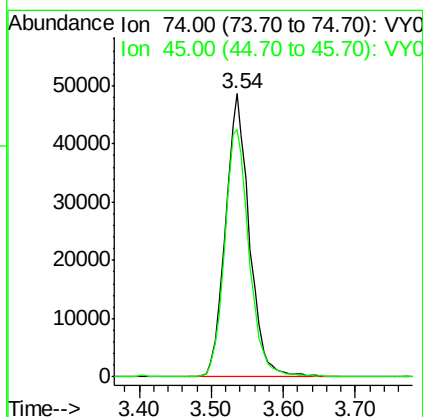
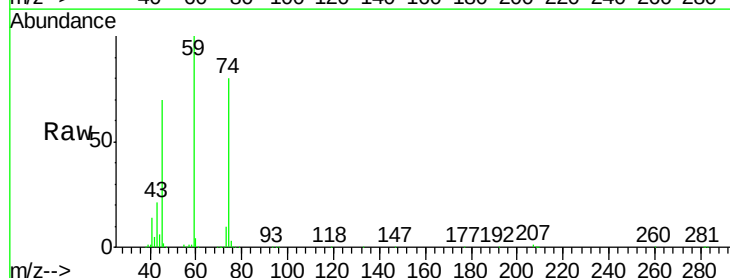
MMDadoda
7/7/2020 11:12:06 AM

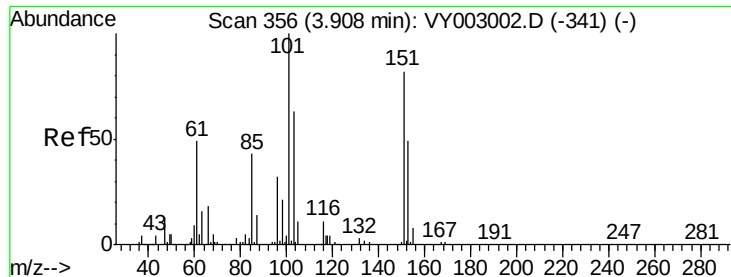


#8

Diethyl Ether
Concen: 49.739 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.703 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

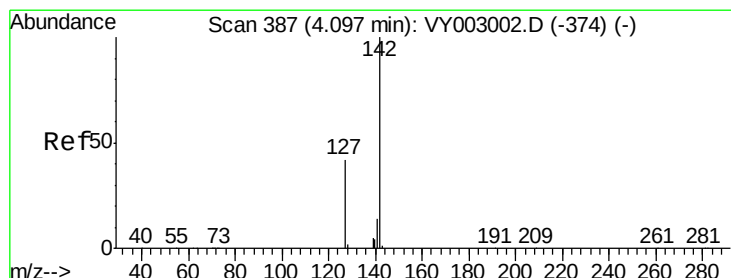
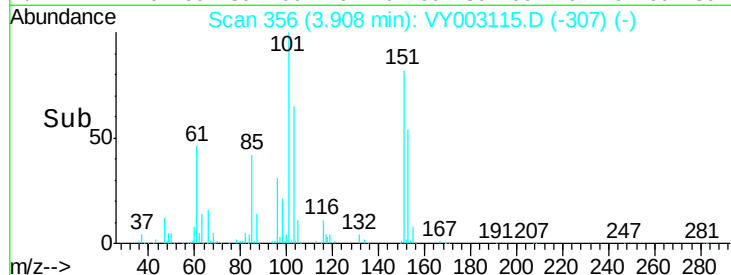
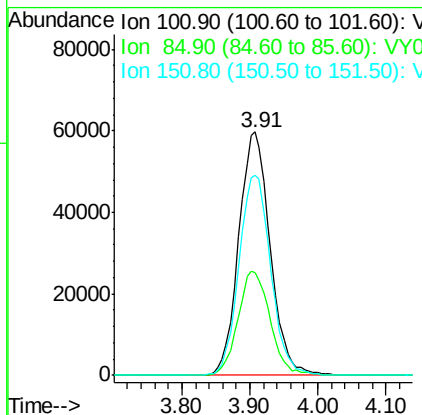
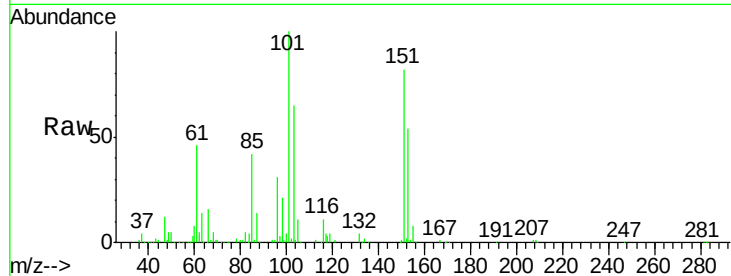
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	191414
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.5	53.3
151	83.4	65.5	98.3

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#10

Methyl Iodide

Concen: 51.333 ug/l

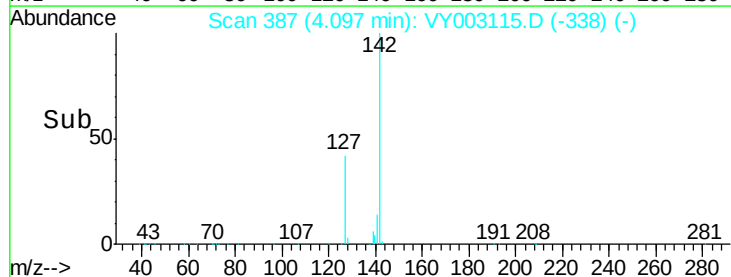
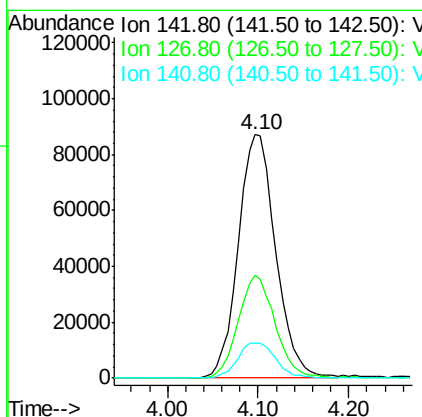
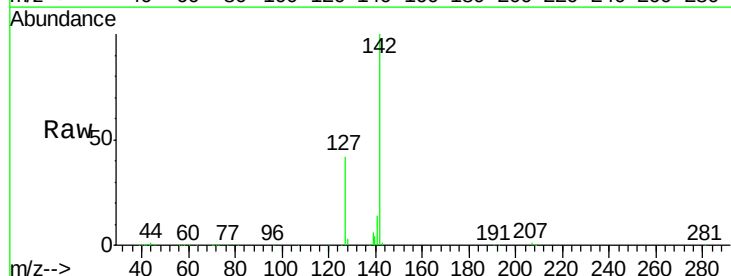
RT: 4.10 min Scan# 387

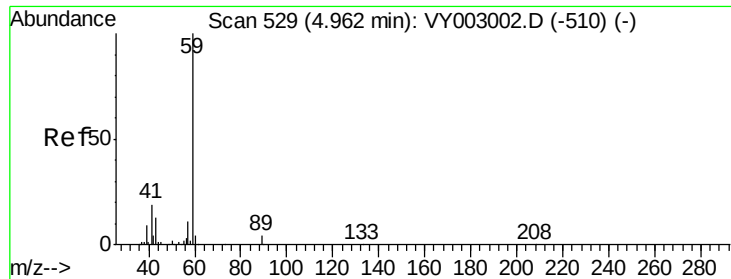
Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion:	142	Resp:	250173
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.2	51.2
141	14.7	11.7	17.5





#11

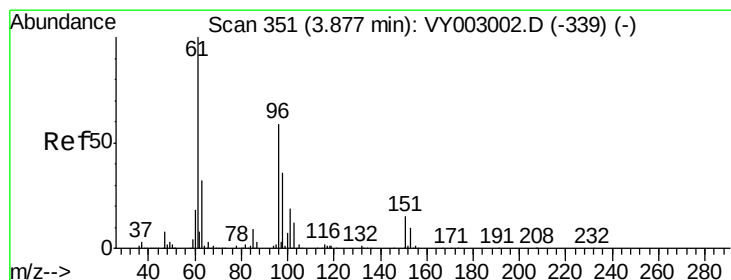
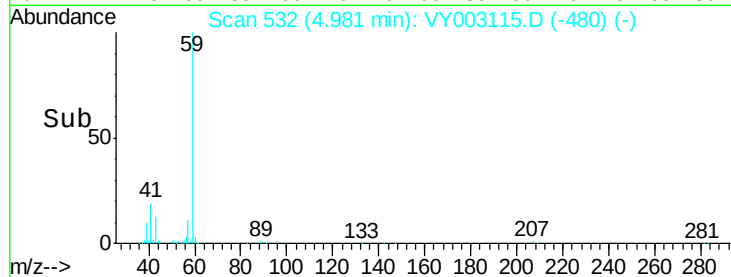
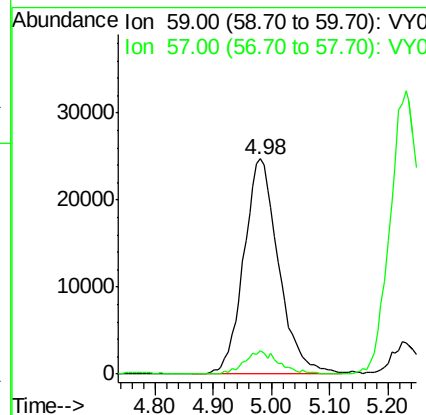
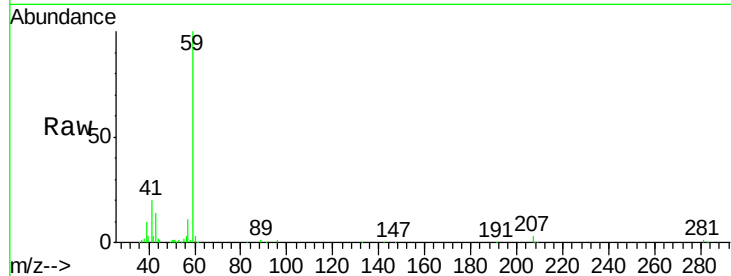
Tert butyl alcohol
 Concen: 234.994 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.02 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	102542
Ion Ratio	59	100	
Lower	57	10.1	8.0
Upper			12.0

Manual Integrations
 APPROVED

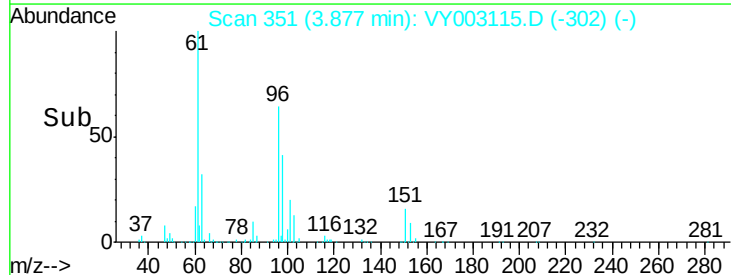
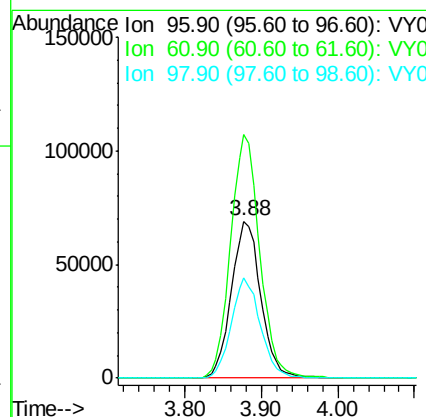
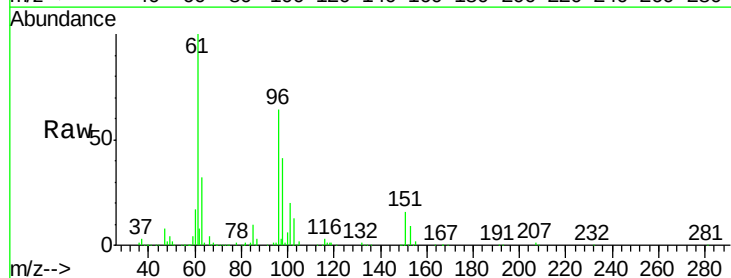
MMDadoda
 7/7/2020 11:12:06 AM

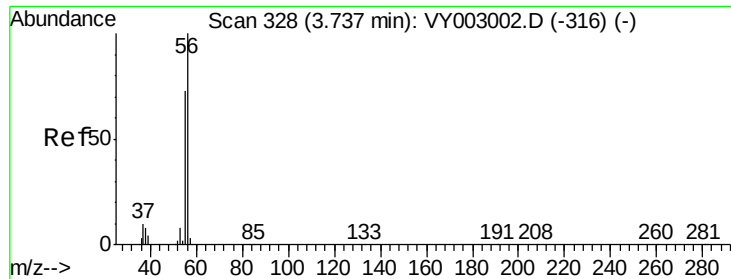


#12

1,1-Dichloroethene
 Concen: 49.262 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	96	Resp	184217
Ion Ratio	96	100	
Lower	61	155.5	136.7
Upper	98	63.7	49.7





#13

Acrolein

Concen: 182.448 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 71504

Ion Ratio Lower Upper

56 100

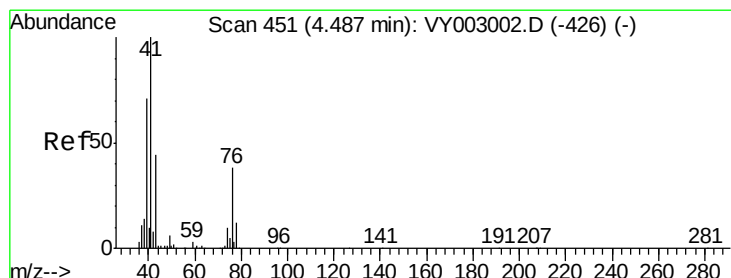
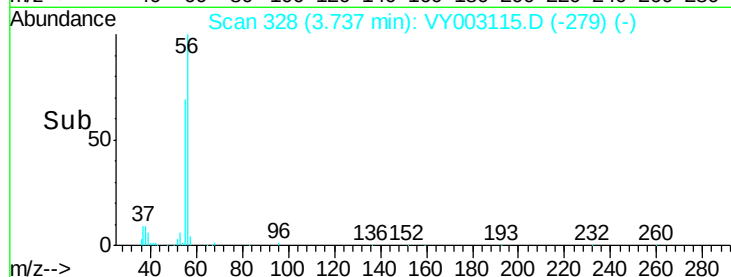
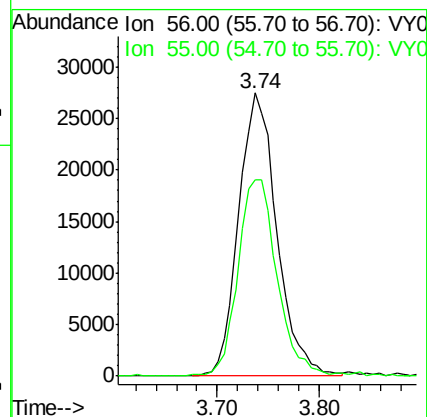
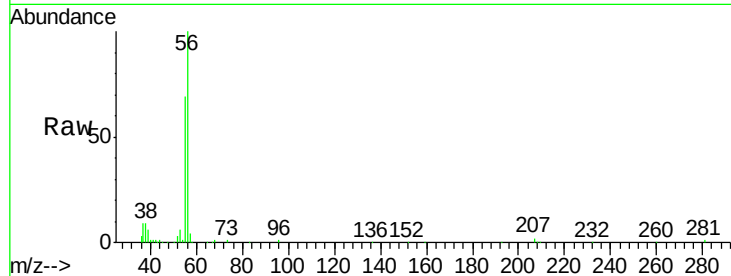
55 71.1 56.4 84.6

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:06 AM



#14

Allyl chloride

Concen: 41.287 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

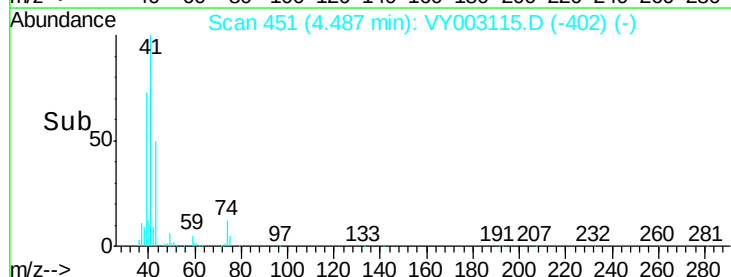
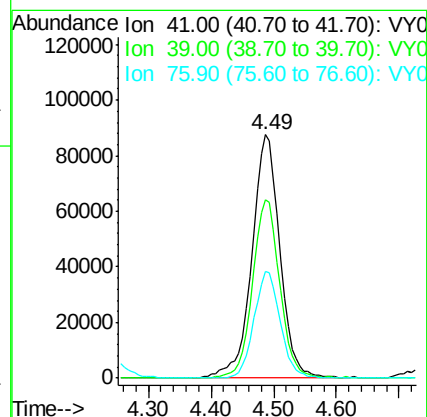
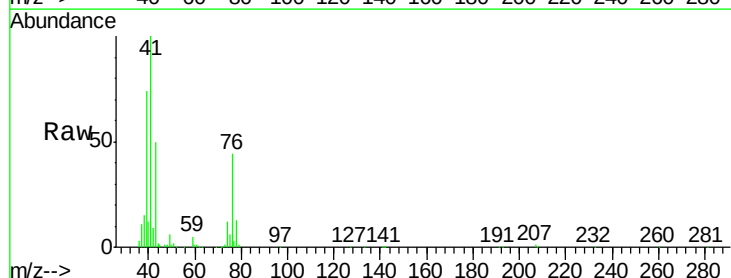
Tgt Ion: 41 Resp: 269566

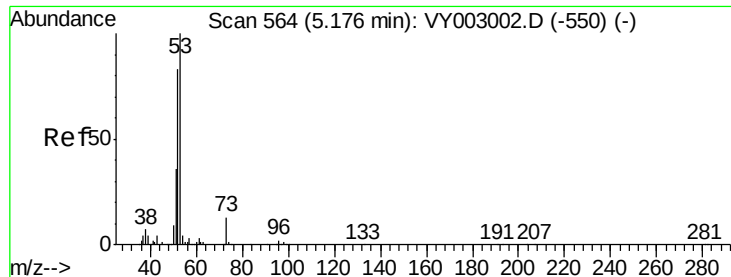
Ion Ratio Lower Upper

41 100

39 71.5 55.6 83.4

76 41.3 28.6 43.0





#15

Acrylonitrile

Concen: 241.412 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

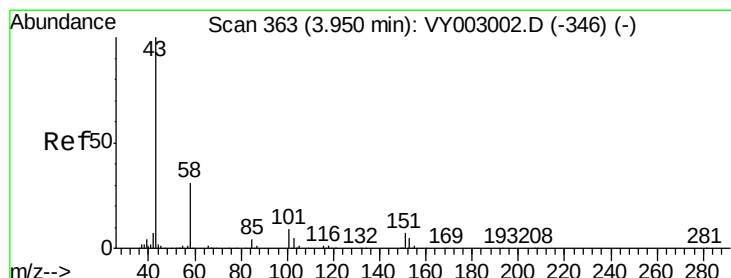
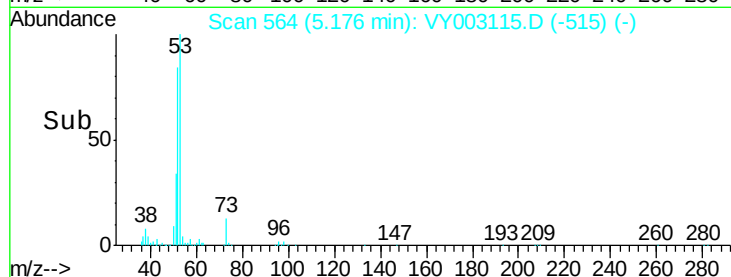
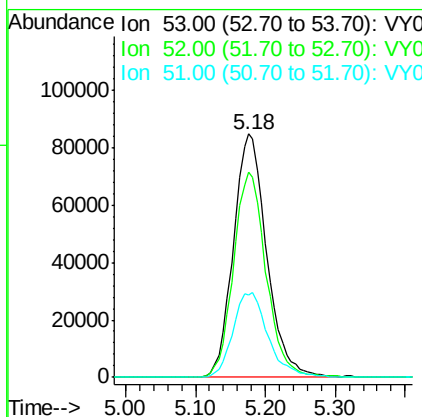
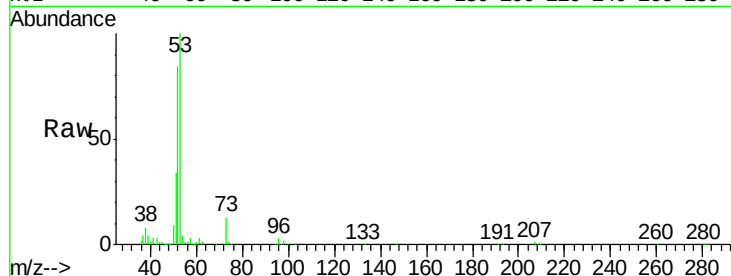
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	280757
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.2
51	36.7	29.5	44.3

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#16

Acetone

Concen: 210.786 ug/l

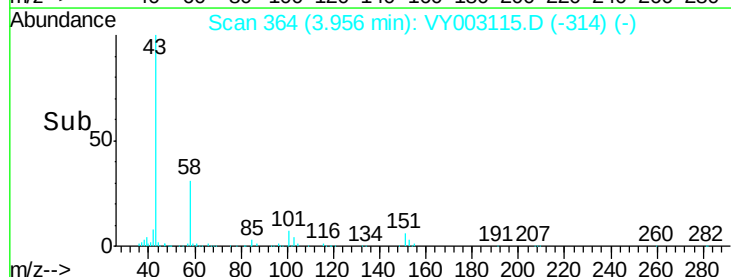
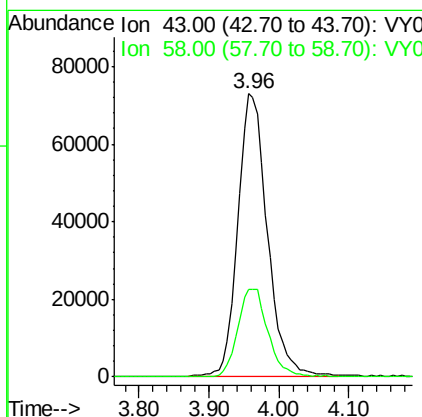
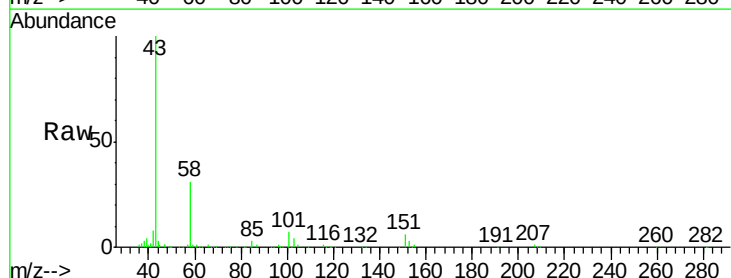
RT: 3.96 min Scan# 364

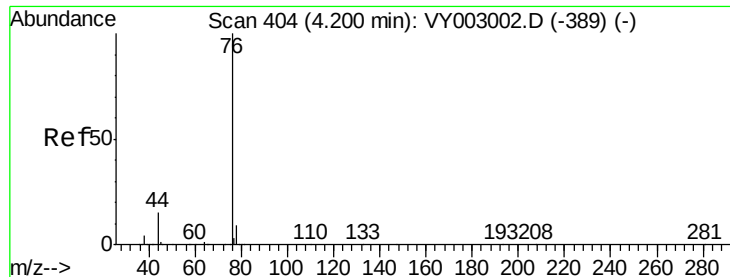
Delta R.T. 0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion:	43	Resp:	212860
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.7	37.1





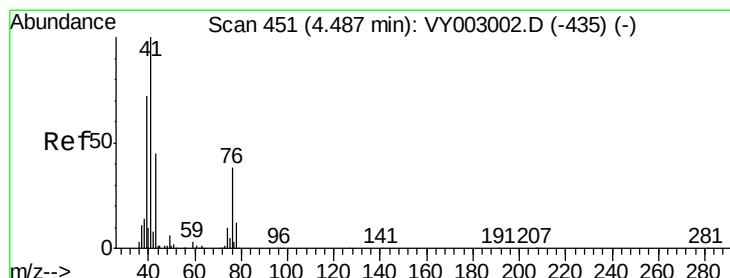
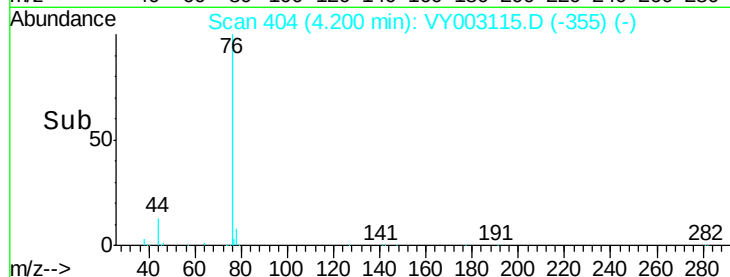
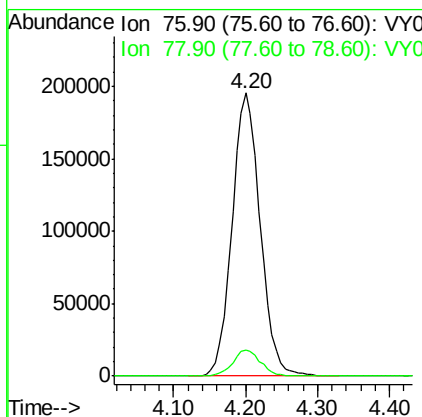
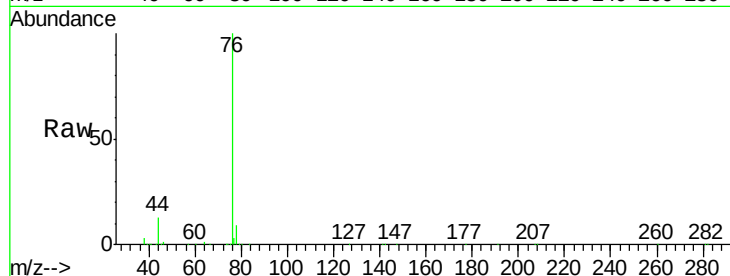
#17
Carbon Disulfide
Concen: 44.271 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

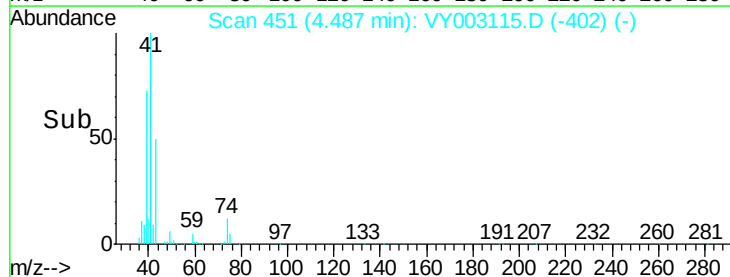
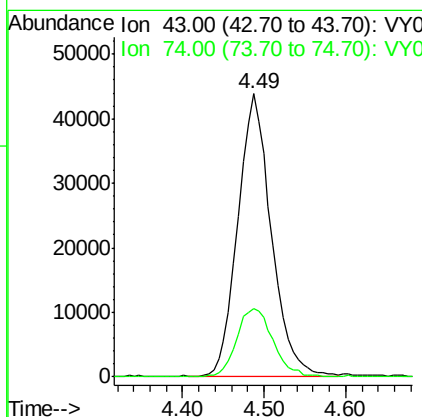
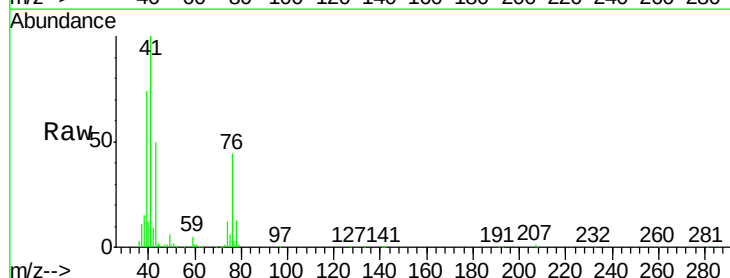
Manual Integrations
APPROVED

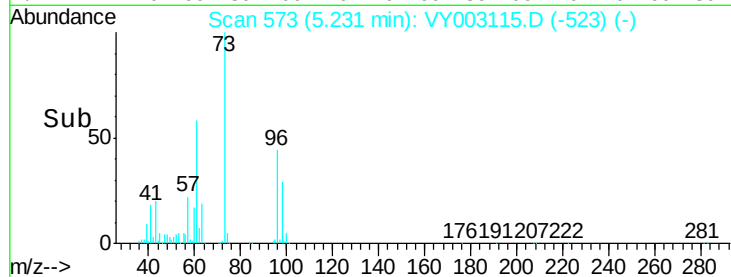
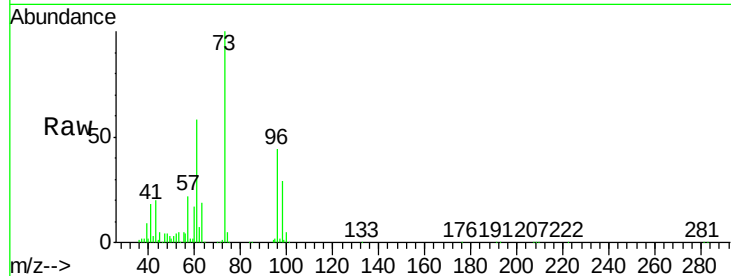
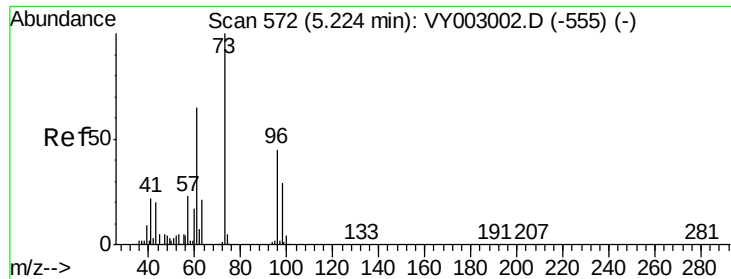
MMDadoda
7/7/2020 11:12:06 AM



#18
Methyl Acetate
Concen: 45.828 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	18.2	27.4





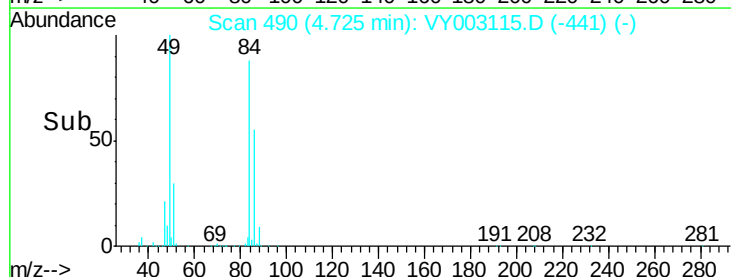
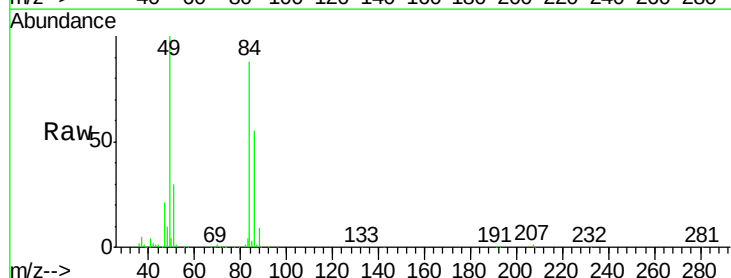
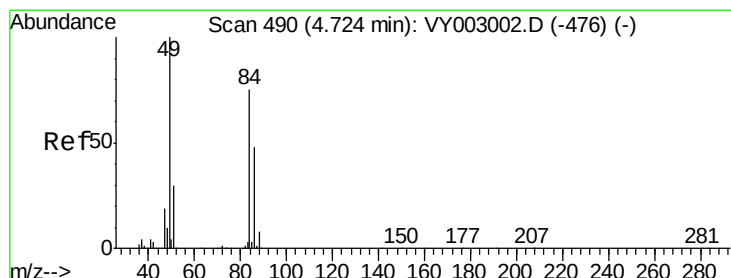
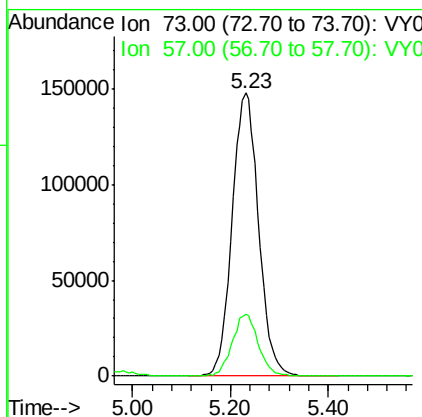
#19
Methyl tert-butyl Ether
Concen: 50.621 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tot Ion	73	57	Ratio	Lower	Upper
73	100				
57	22.0		18.2	27.2	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

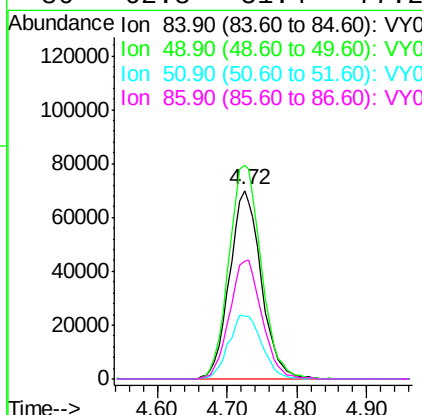
Manual Integrations
APPROVED

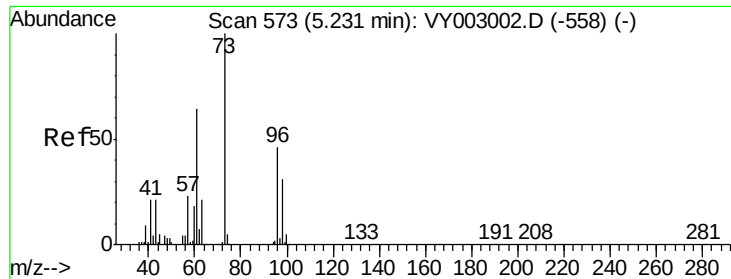
MMDadoda
7/7/2020 11:12:06 AM



#20
Methylene Chloride
Concen: 48.476 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	84	49	51	86	Ratio	Lower	Upper
84	100						
49	113.3				106.8	160.2	
51	33.5				32.0	48.0	
86	62.8				51.4	77.2	





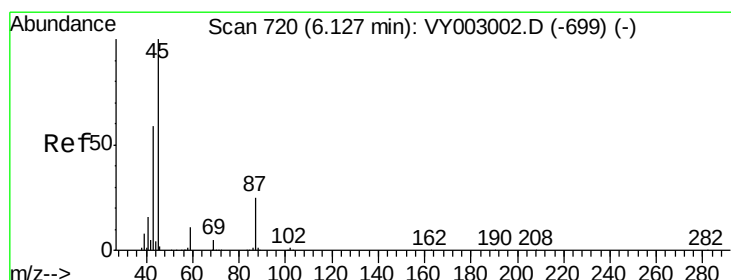
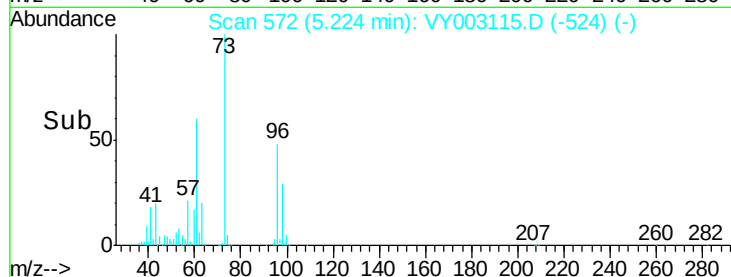
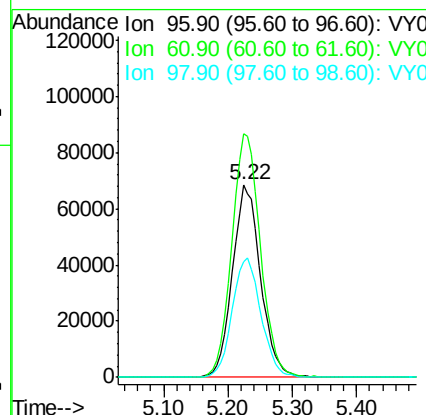
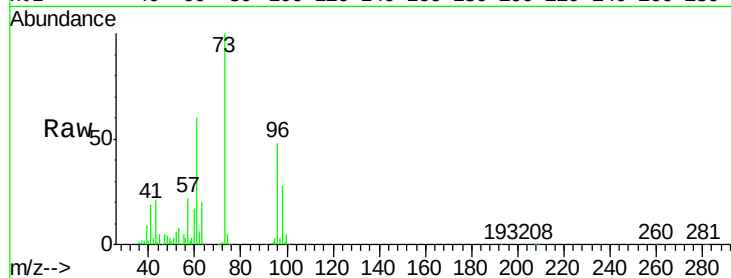
#21
trans-1,2-Dichloroethene
Concen: 49.274 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	112.3	168.5
98	59.8	53.8	80.8

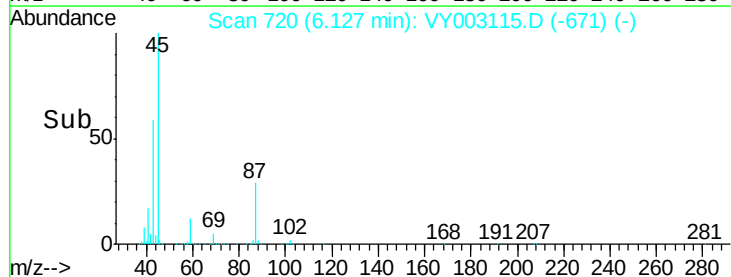
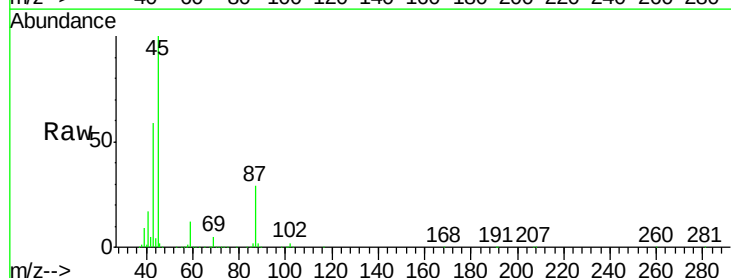
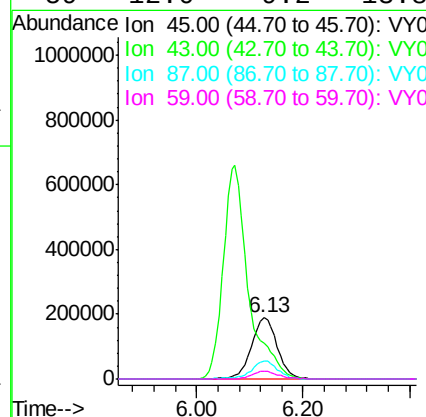
Manual Integrations
APPROVED

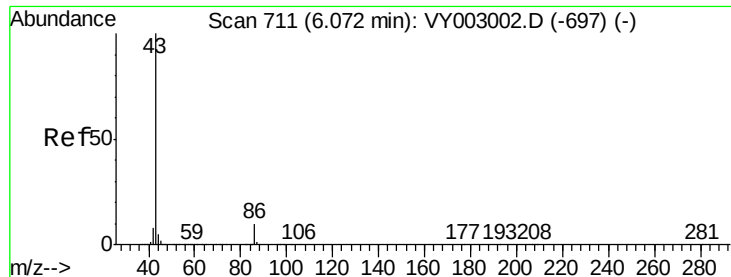
MMDadoda
7/7/2020 11:12:06 AM



#22
Diisopropyl ether
Concen: 45.110 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.4	71.2
87	28.8	20.2	30.2
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 232.706 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2177157

Ion Ratio Lower Upper

43 100

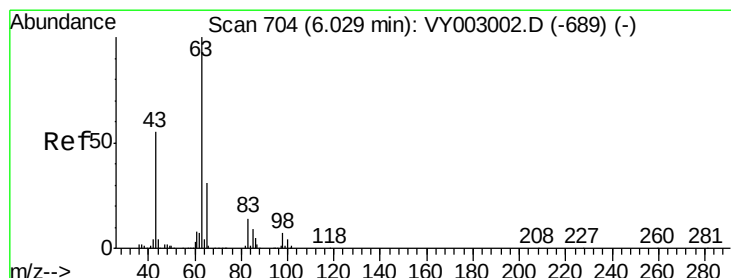
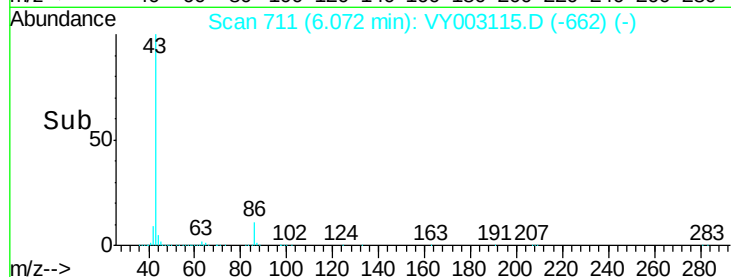
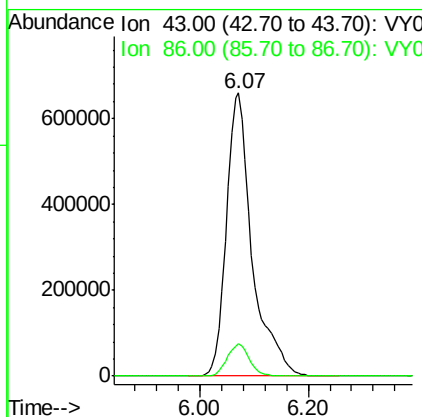
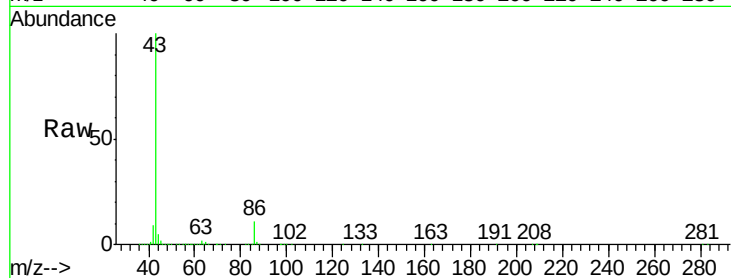
86 11.4 8.1 12.1

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:06 AM



#24

1,1-Dichloroethane

Concen: 46.695 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

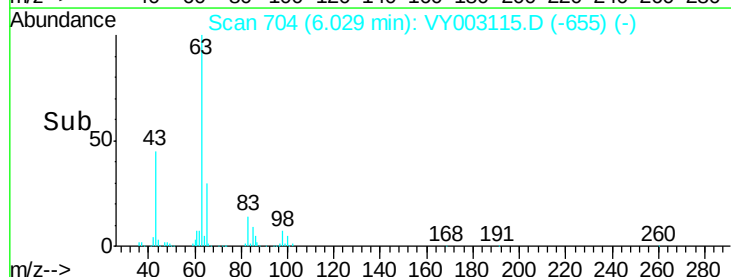
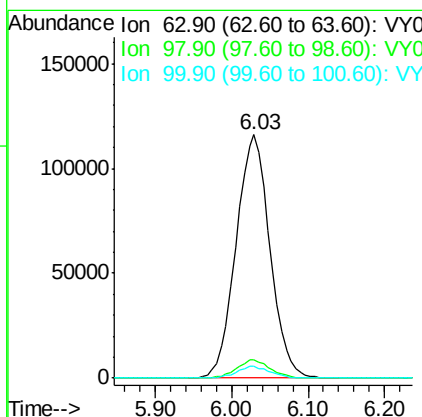
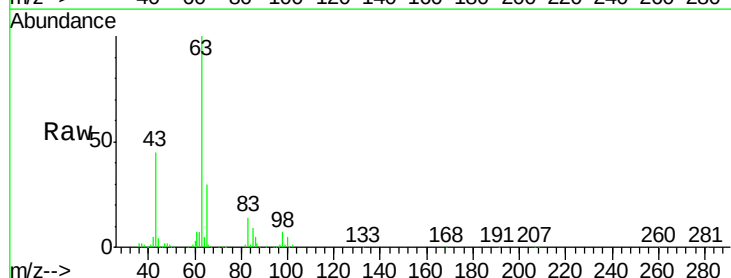
Tgt Ion: 63 Resp: 356946

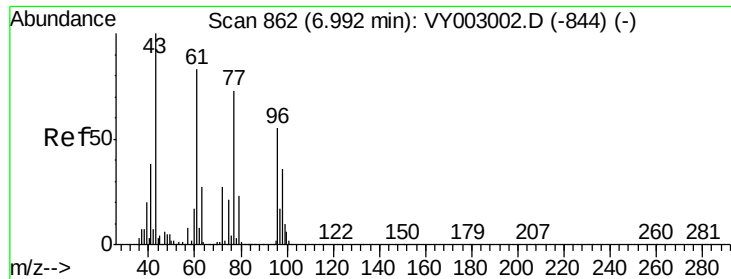
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 5.2 2.3 6.8





#25

2-Butanone

Concen: 225.749 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 362133

Ion Ratio Lower Upper

43 100

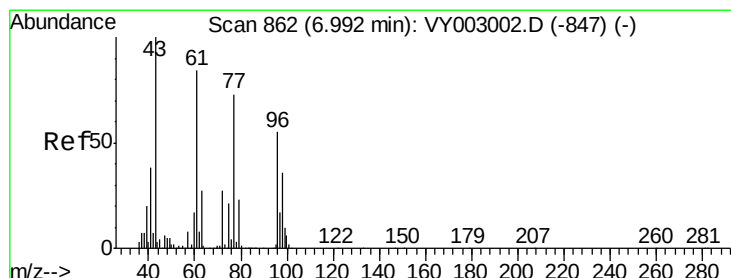
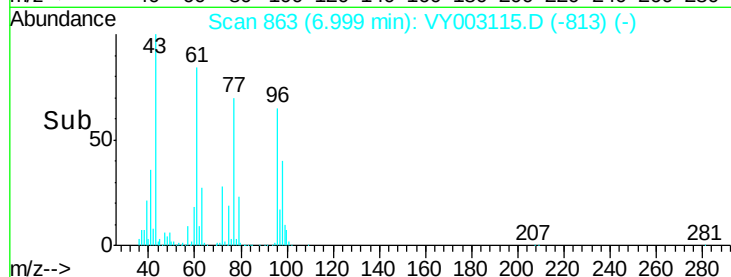
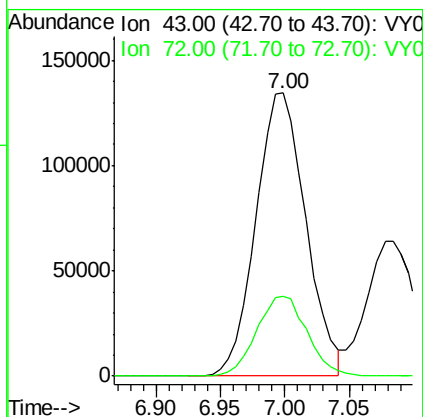
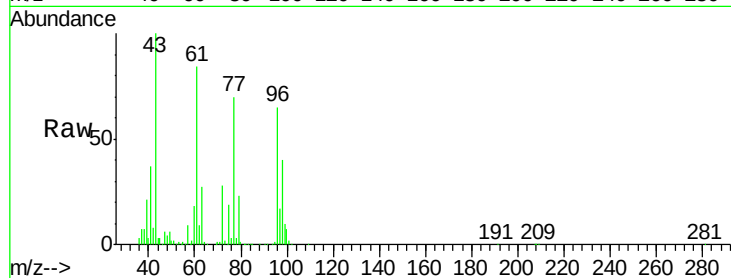
72 27.9 21.4 32.0

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:06 AM



#26

2,2-Dichloropropane

Concen: 45.973 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003115.D

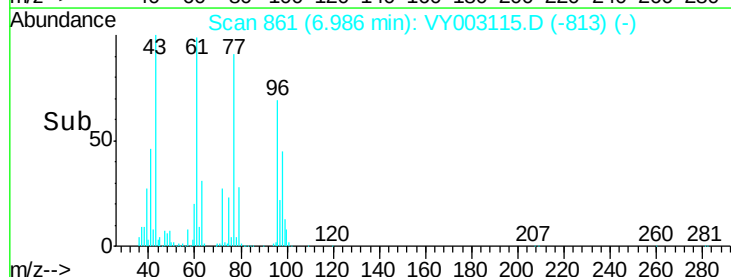
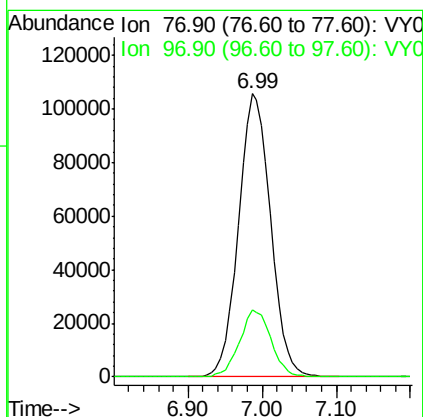
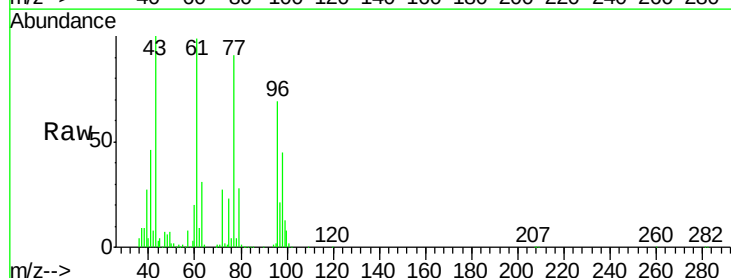
Acq: 06 Jul 2020 16:54

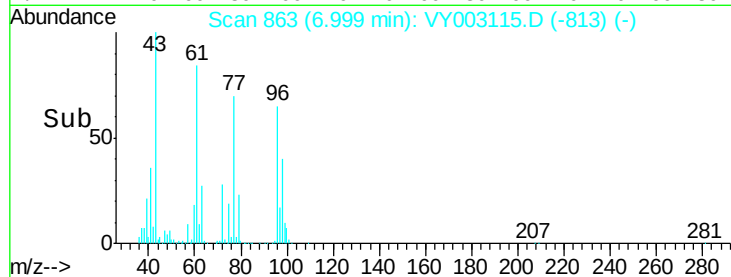
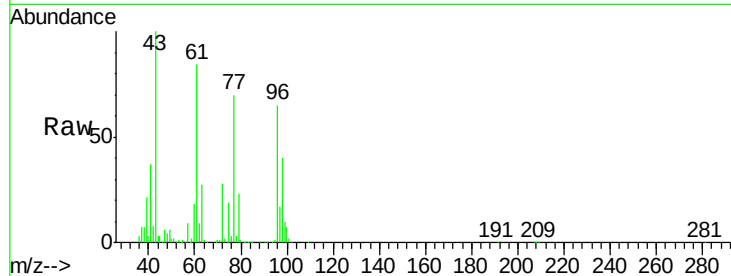
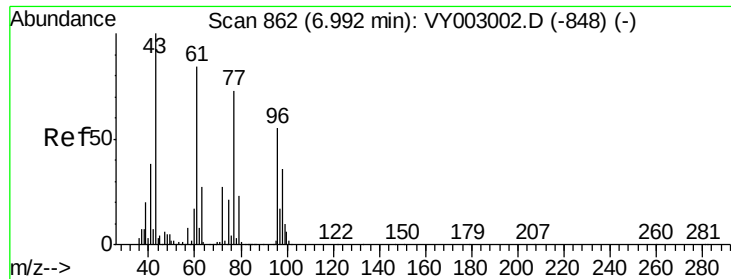
Tgt Ion: 77 Resp: 319293

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9





#27

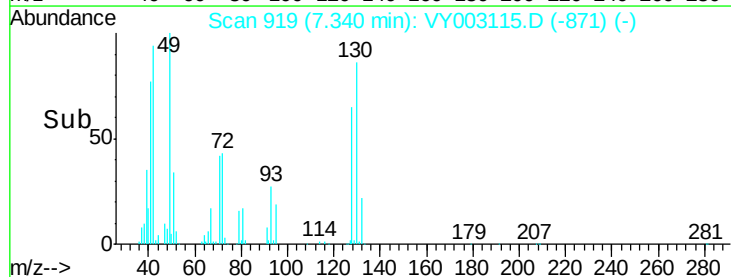
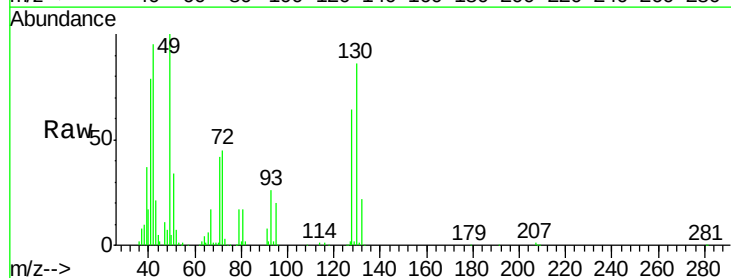
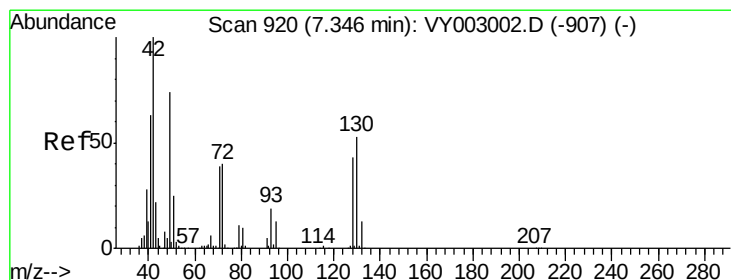
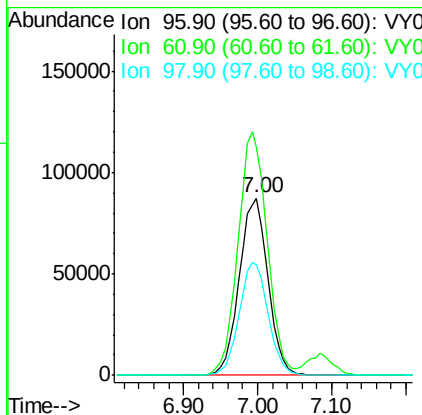
cis-1,2-Dichloroethene
Concen: 49.894 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tot Ion	Ratio	Resp	Lower	Upper
96	100	236715		
61	138.9	0.0	301.2	
98	64.2	0.0	129.0	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

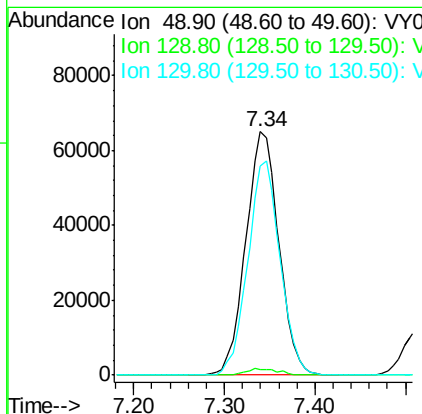
MMDadoda
7/7/2020 11:12:06 AM

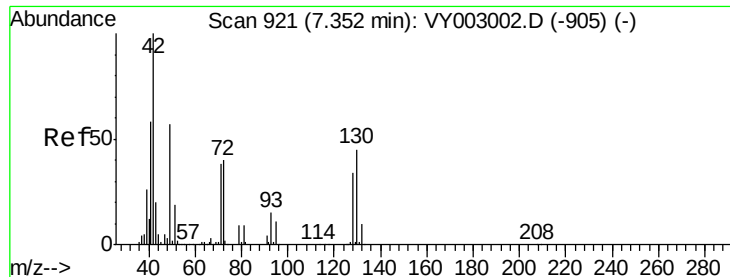


#28

Bromochloromethane
Concen: 48.231 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164046		
129	2.6	0.0	4.4	
130	86.0	57.0	85.6#	





#29

Tetrahydrofuran

Concen: 236.180 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

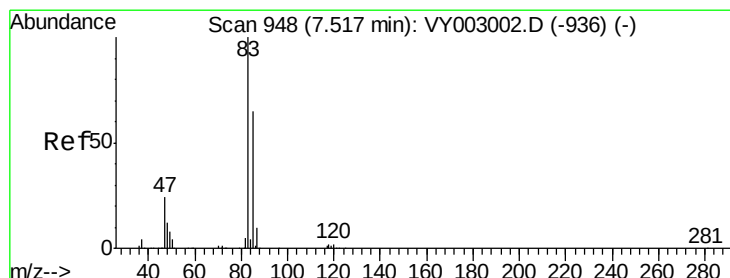
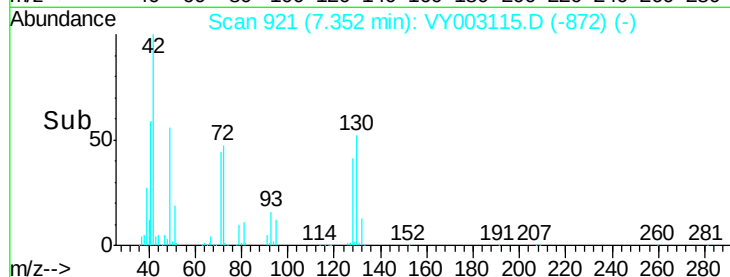
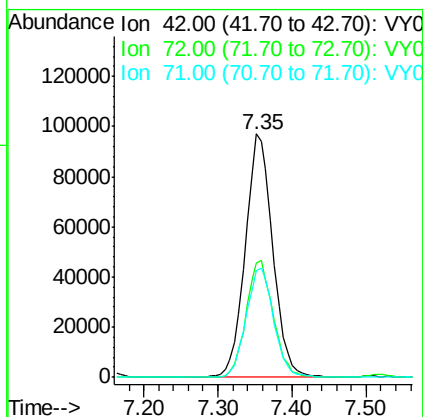
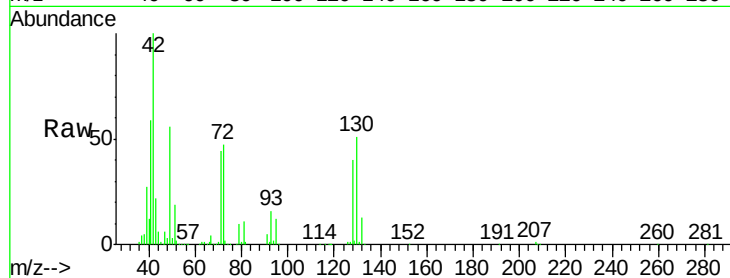
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	251947
Ion	Ratio	Lower	Upper
42	100		
72	47.3	32.9	49.3
71	44.7	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#30

Chloroform

Concen: 49.614 ug/l

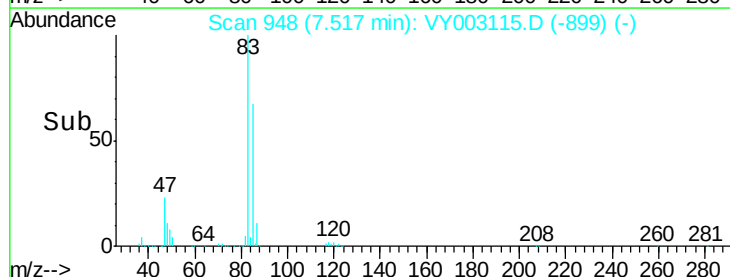
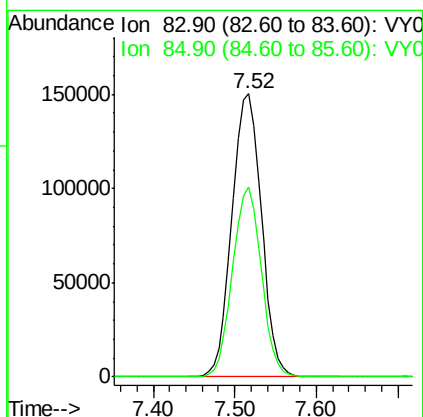
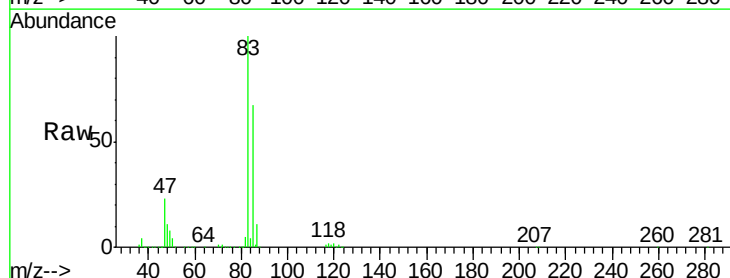
RT: 7.52 min Scan# 948

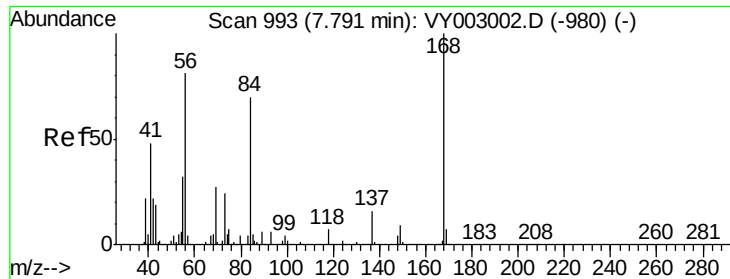
Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion:	83	Resp:	375728
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.7	77.5





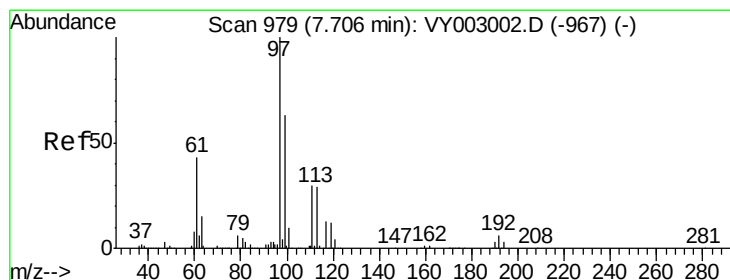
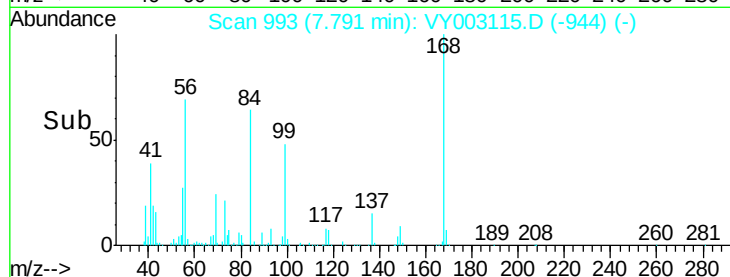
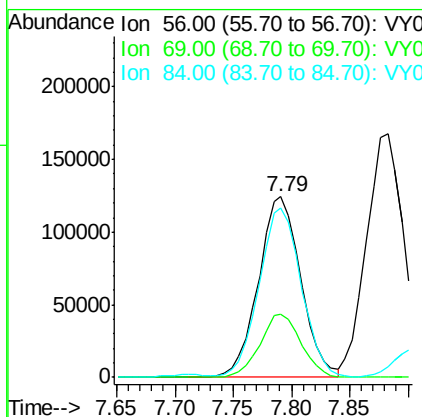
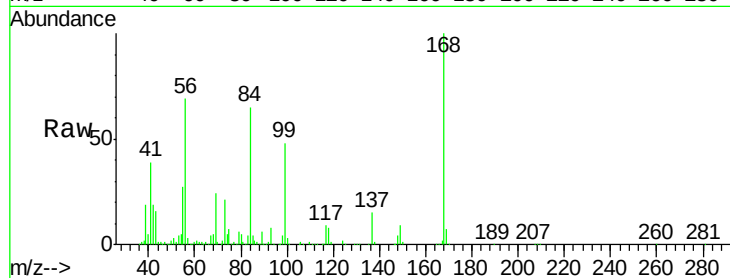
#31
Cyclohexane
Concen: 41.551 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.0	40.4
84	92.6	68.1	102.1

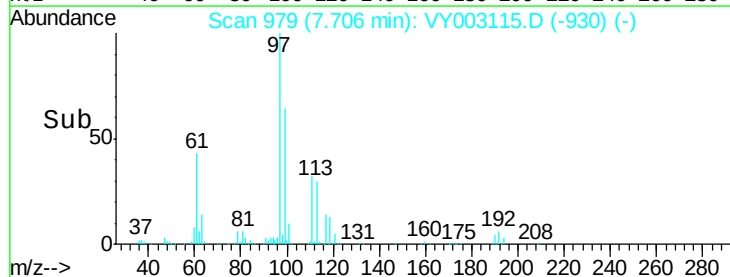
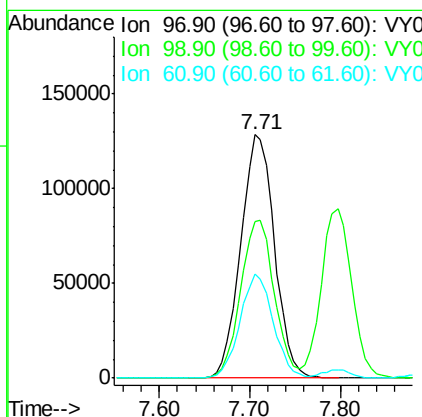
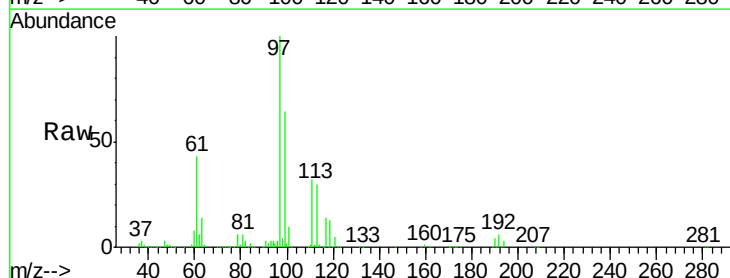
Manual Integrations
APPROVED

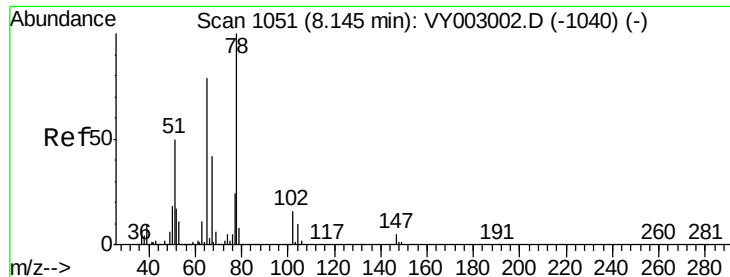
MMDadoda
7/7/2020 11:12:06 AM



#32
1,1,1-Trichloroethane
Concen: 47.948 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	41.8	33.9	50.9





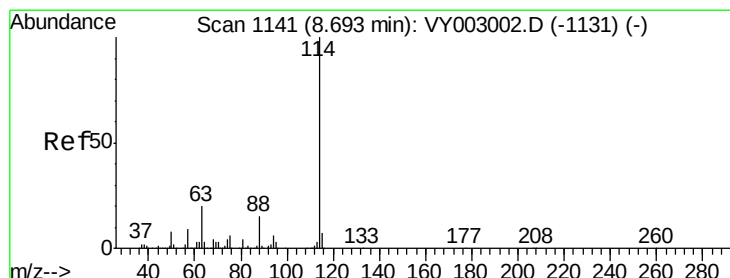
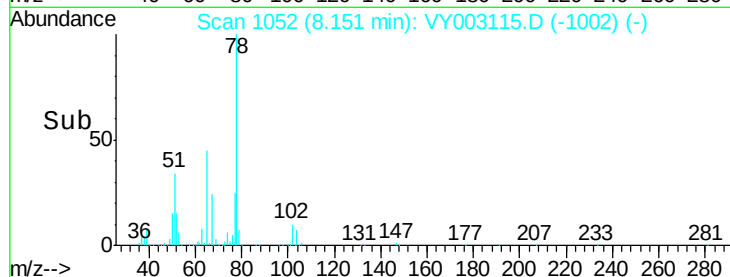
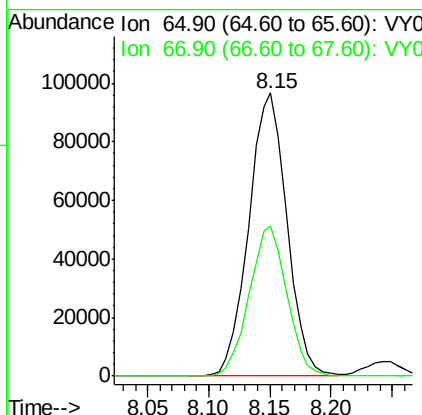
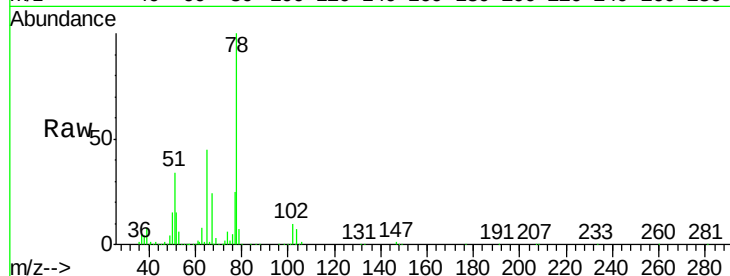
#33
 1,2-Dichloroethane-d4
 Concen: 48.905 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209400		
67	52.6	0.0	105.6	

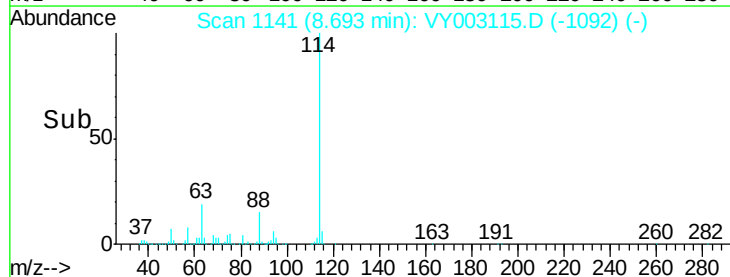
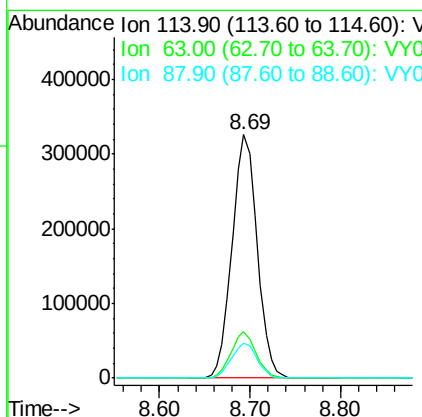
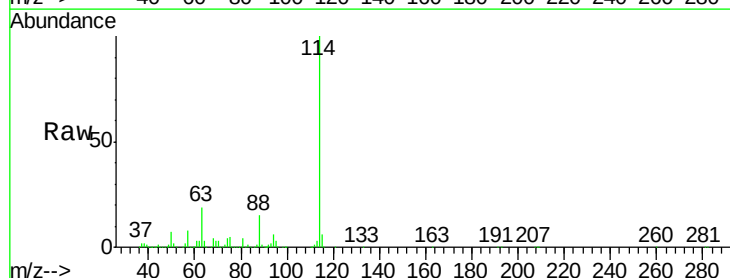
Manual Integrations
 APPROVED

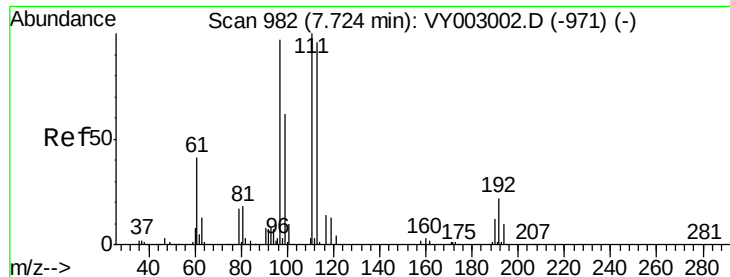
MMDadoda
 7/7/2020 11:12:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	626012		
63	19.2	0.0	40.6	
88	14.5	0.0	30.0	





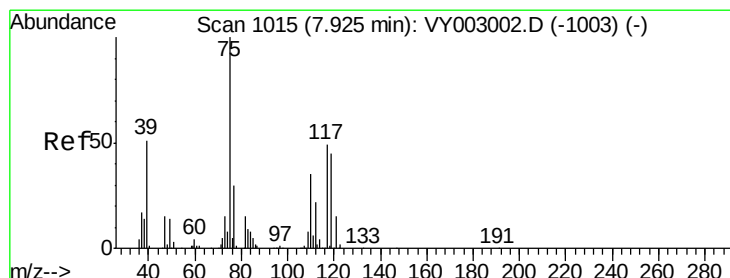
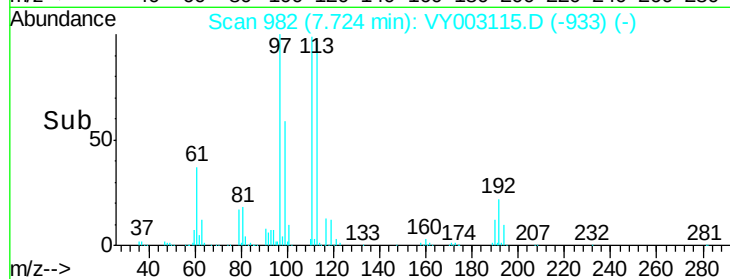
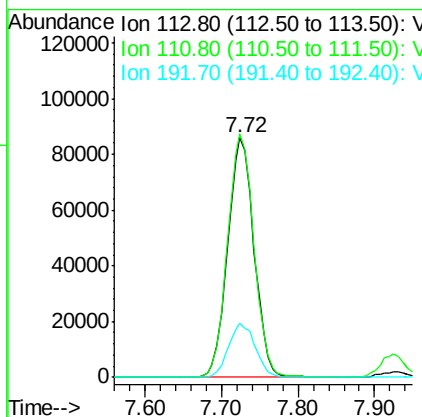
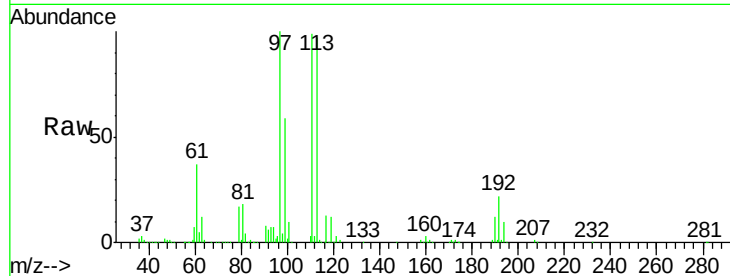
#35
 Dibromofluoromethane
 Concen: 52.221 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203931		
111	102.0		82.6	123.8
192	22.9		18.1	27.1

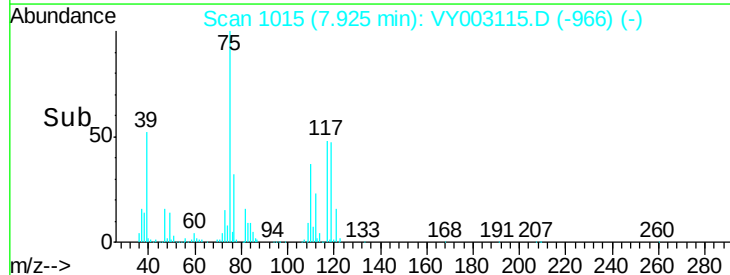
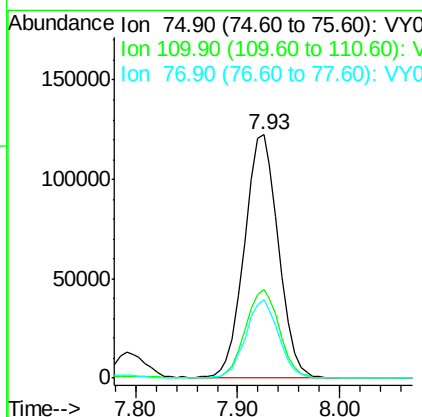
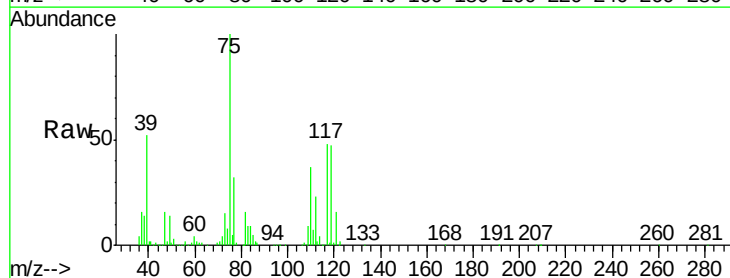
Manual Integrations
 APPROVED

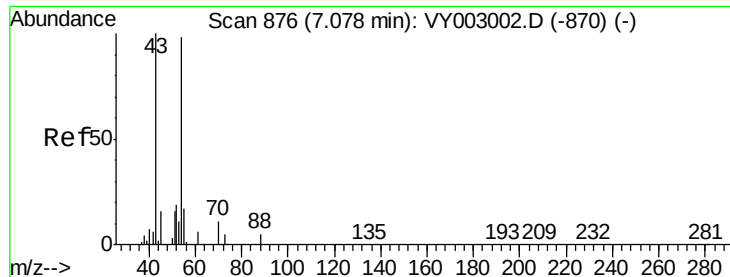
MMDadoda
 7/7/2020 11:12:06 AM



#36
 1,1-Dichloropropene
 Concen: 47.101 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	284020		
110	36.4		17.1	51.2
77	31.4		24.9	37.3





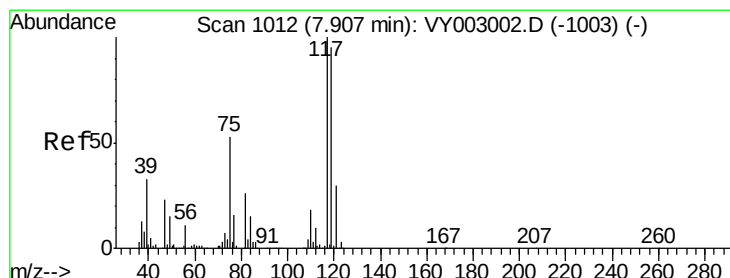
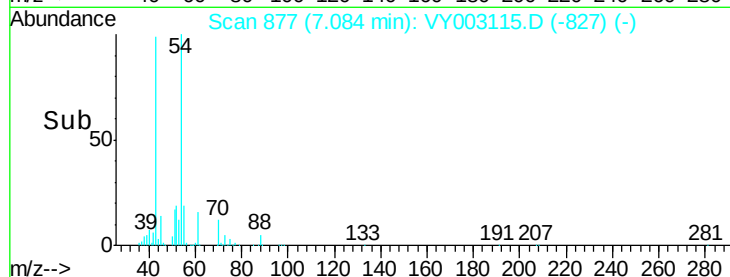
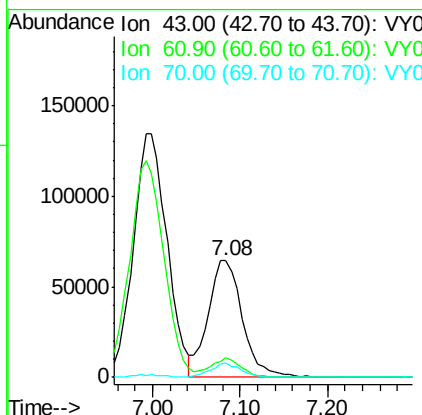
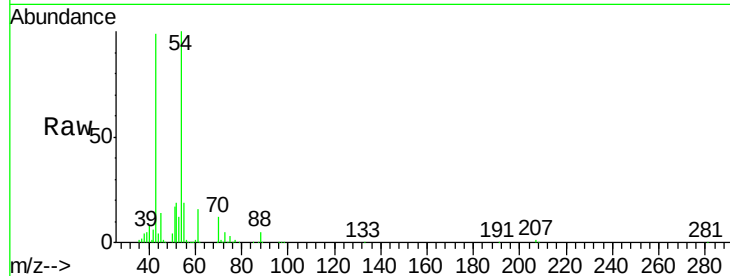
#37
Ethyl Acetate
Concen: 48.265 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.4	15.6
70	10.7	7.7	11.5

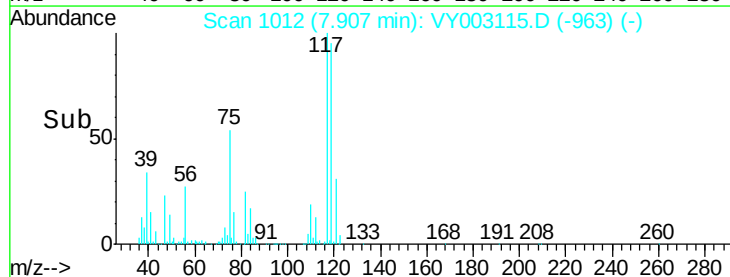
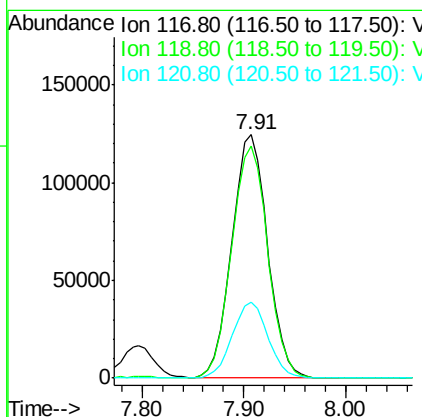
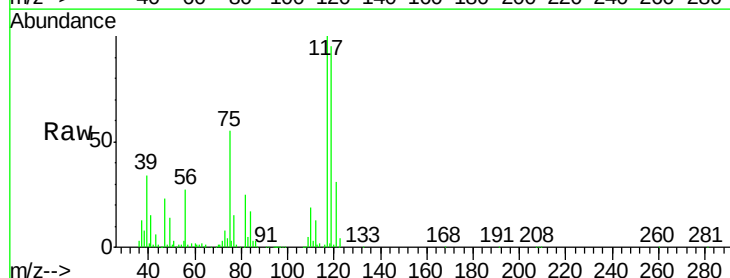
Manual Integrations
APPROVED

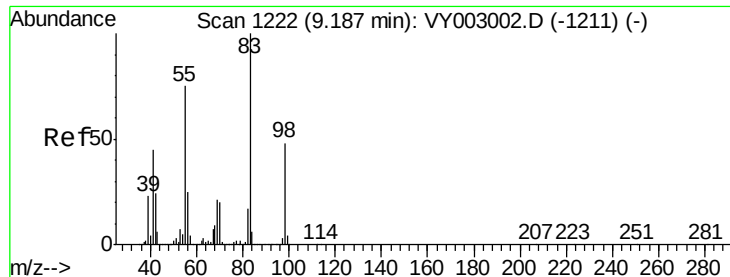
MMDadoda
7/7/2020 11:12:06 AM



#38
Carbon Tetrachloride
Concen: 48.262 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.7	113.5
121	31.0	23.9	35.9





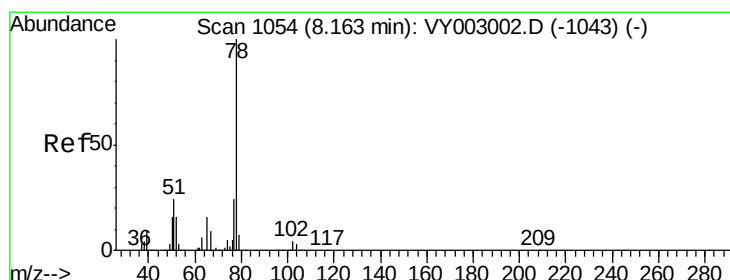
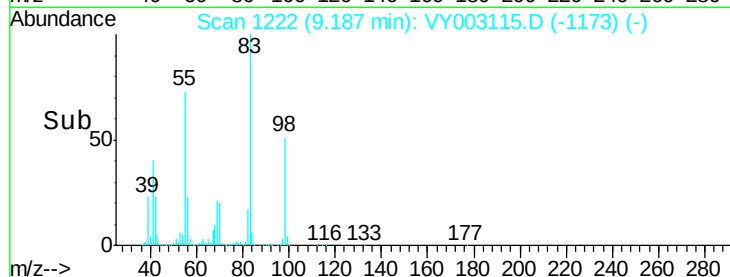
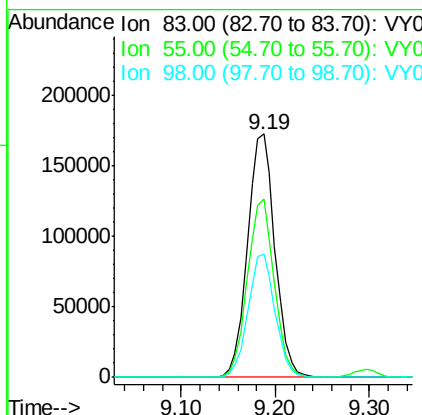
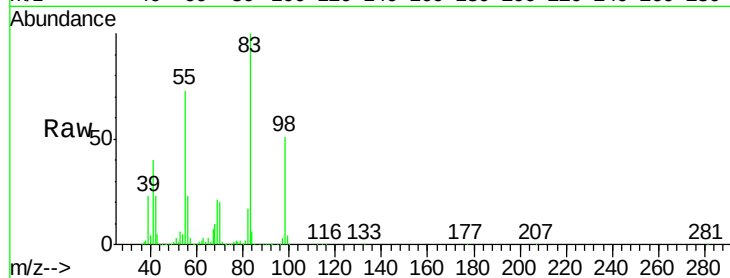
#39
Methylvlcyclohexane
Concen: 47.201 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	59.9	89.9
98	50.8	38.7	58.1

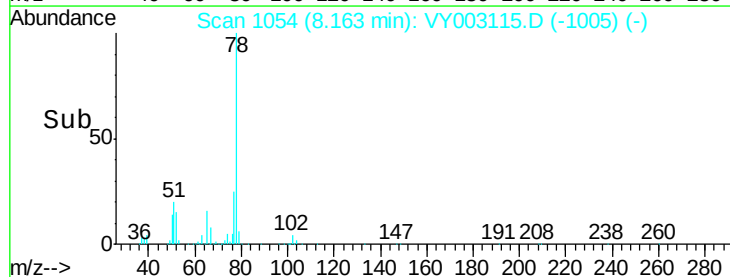
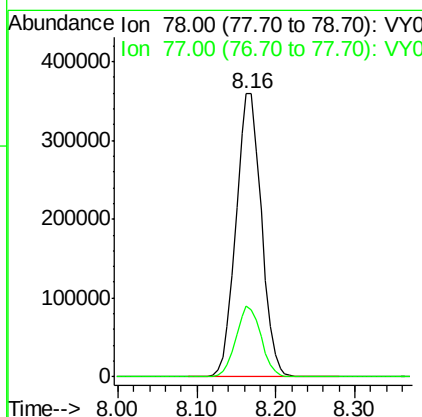
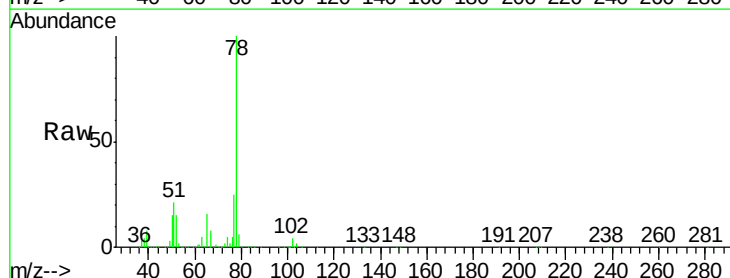
Manual Integrations
APPROVED

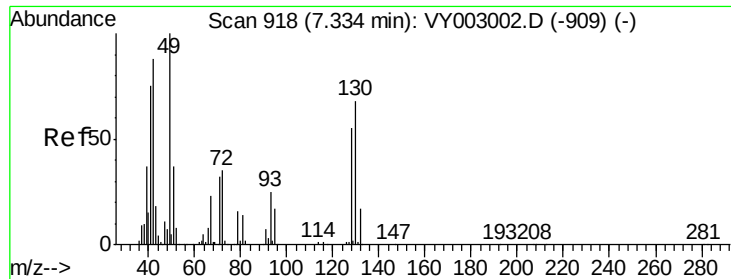
MMDadoda
7/7/2020 11:12:06 AM



#40
Benzene
Concen: 48.800 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8





#41

Methacrylonitrile

Concen: 52.895 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 102442

Ion Ratio Lower Upper

41 100

39 111.6 85.7 128.5

67 0.0 0.0 0.0

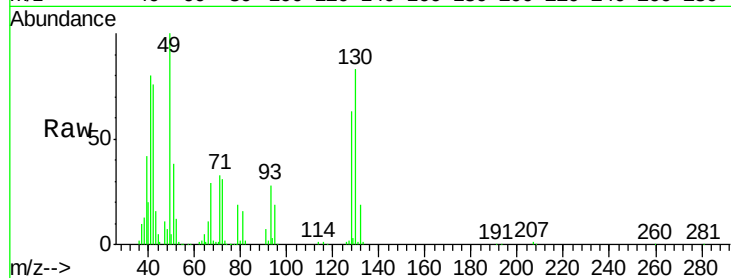
52 0.0 0.0 0.0

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:06 AM

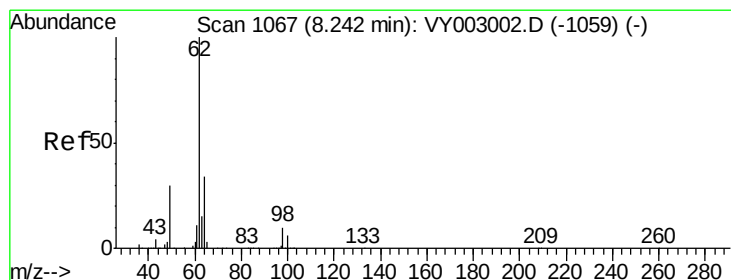
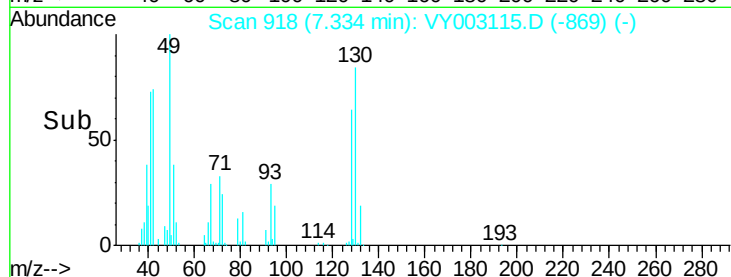
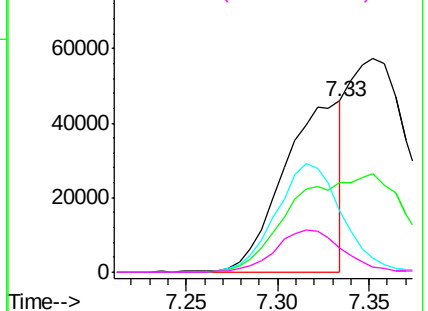


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.160 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003115.D

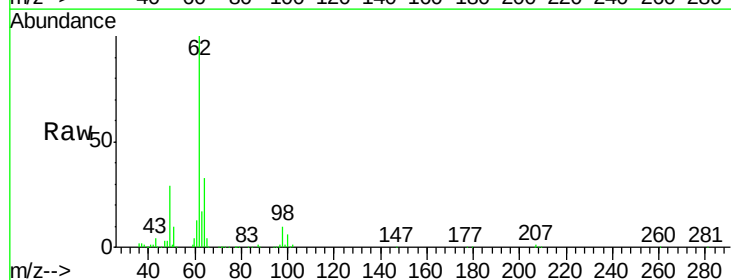
Acq: 06 Jul 2020 16:54

Tgt Ion: 62 Resp: 256739

Ion Ratio Lower Upper

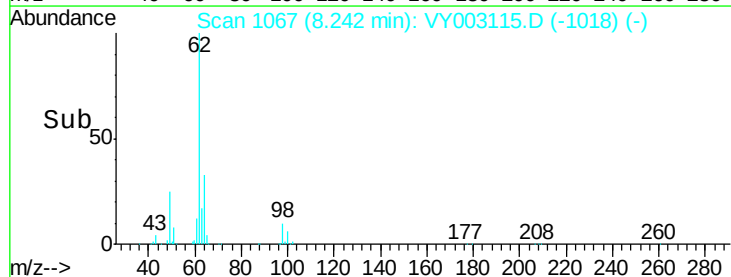
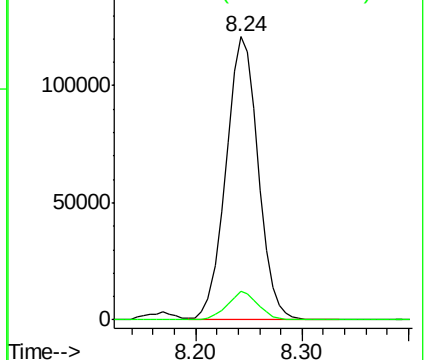
62 100

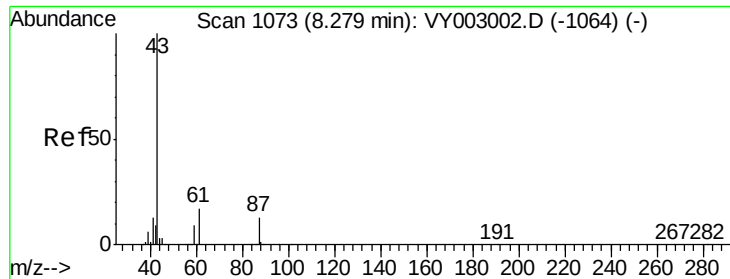
98 9.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

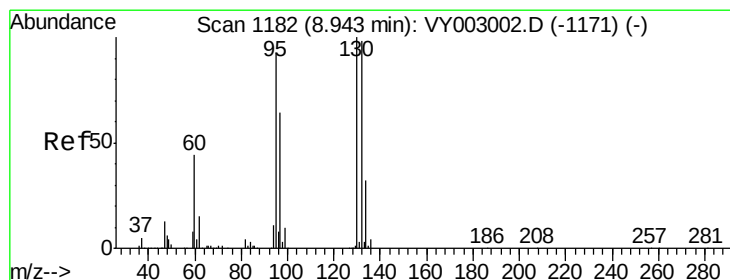
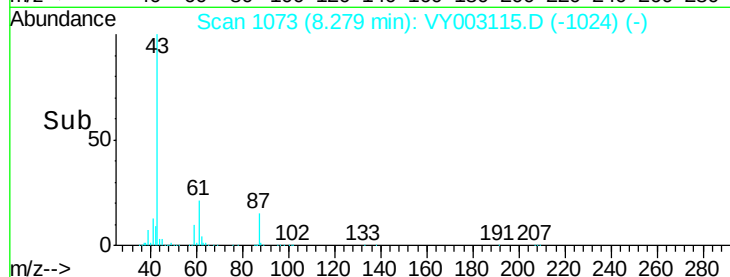
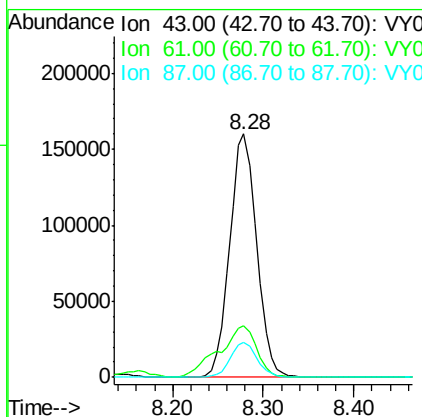
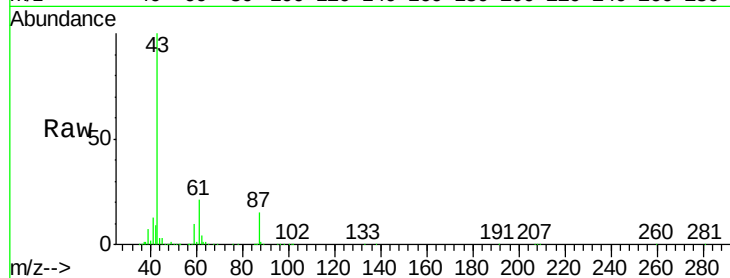
Isopropyl Acetate
 Concen: 47.921 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	330288
Ion Ratio	100	Lower	Upper
43	100		
61	29.7	21.8	32.6
87	14.4	10.1	15.1

Manual Integrations
 APPROVED

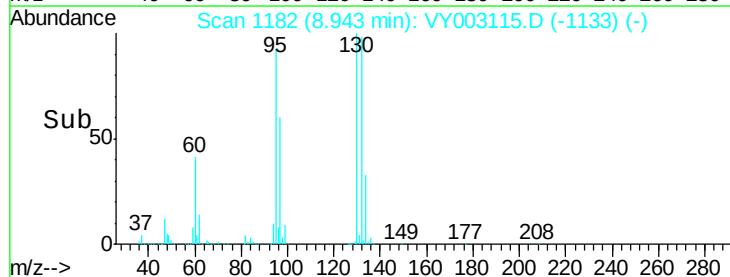
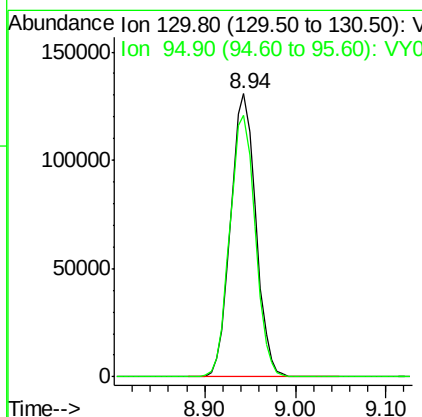
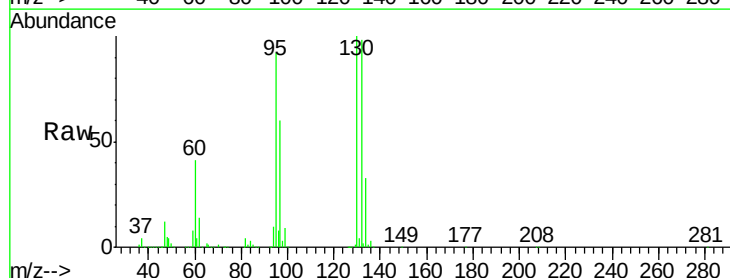
MMDadoda
 7/7/2020 11:12:06 AM

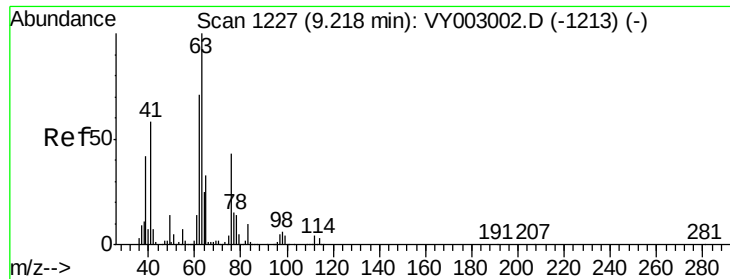


#44

Trichloroethene
 Concen: 52.629 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	130	Resp	252527
Ion Ratio	100	Lower	Upper
130	100		
95	92.5	0.0	186.4





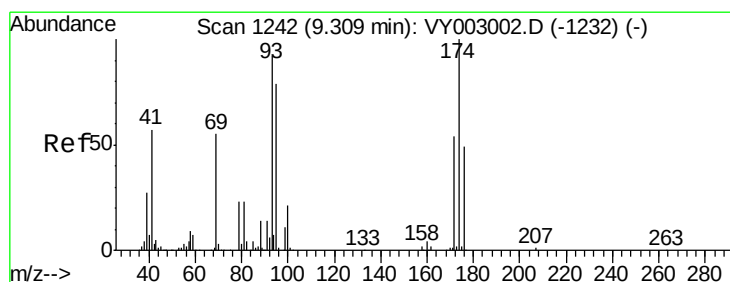
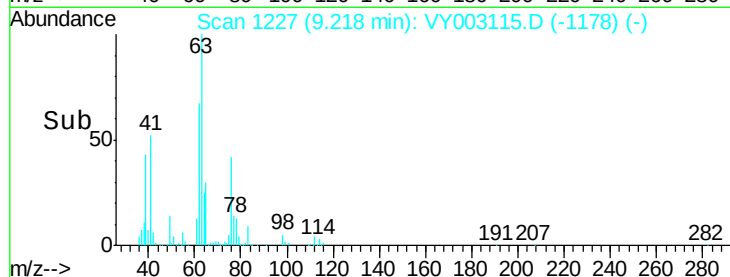
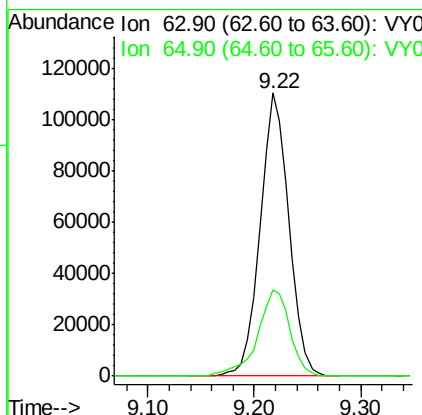
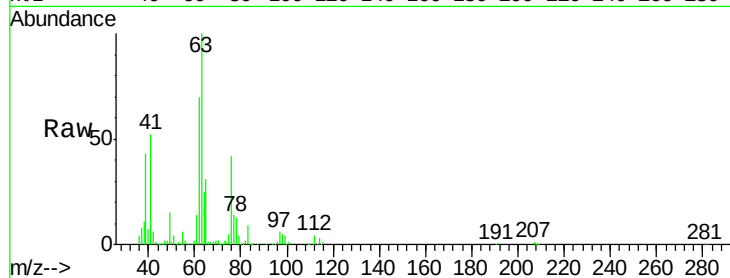
#45
 1,2-Dichloropropane
 Concen: 46.917 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	26.2	39.4

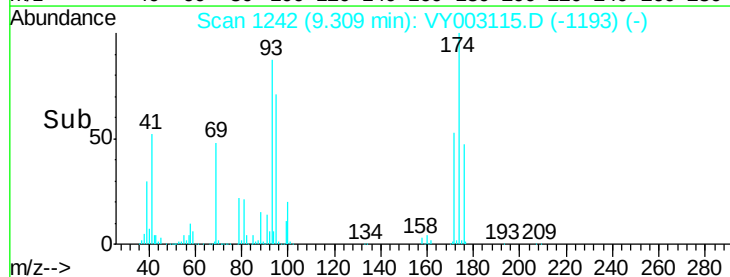
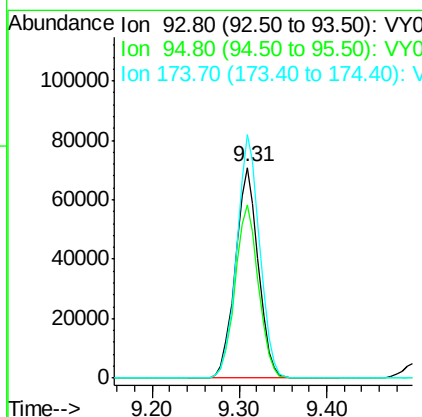
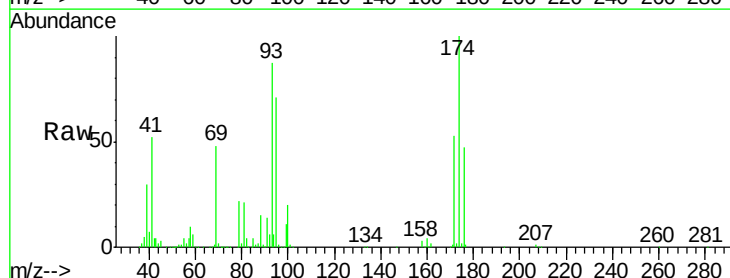
Manual Integrations
 APPROVED

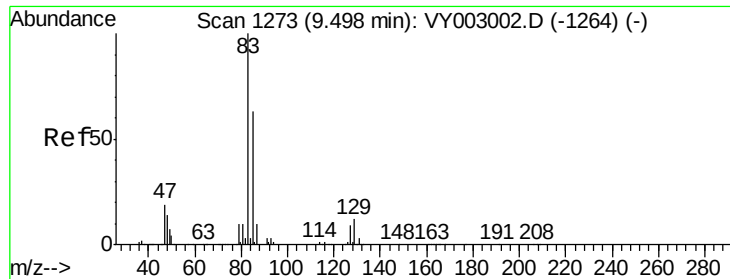
MMDadoda
 7/7/2020 11:12:06 AM



#46
 Dibromomethane
 Concen: 52.133 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.6	101.4
174	114.9	88.3	132.5





#47

Bromodichloromethane

Concen: 49.919 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

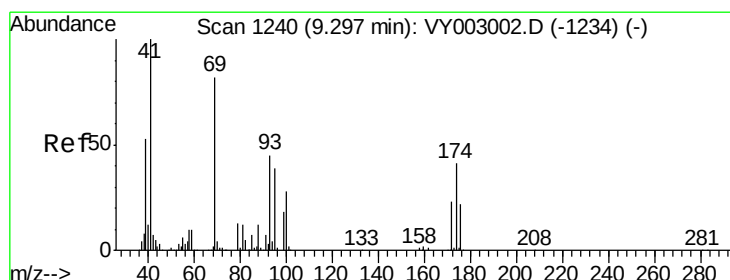
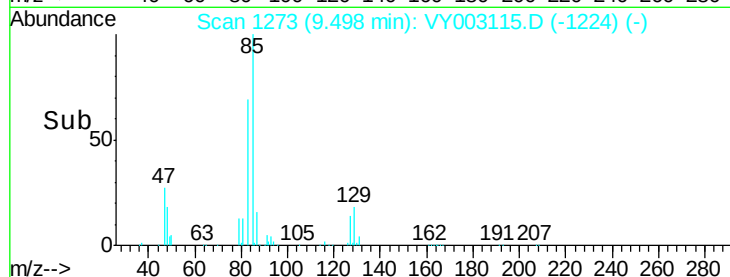
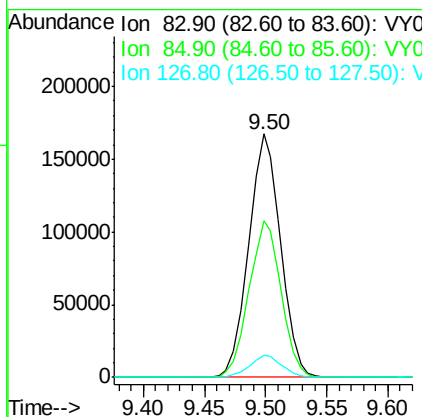
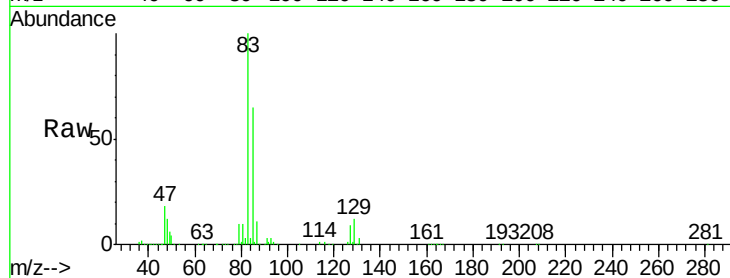
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	303212
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.5	75.7
127	9.3	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#48

Methyl methacrylate

Concen: 47.806 ug/l

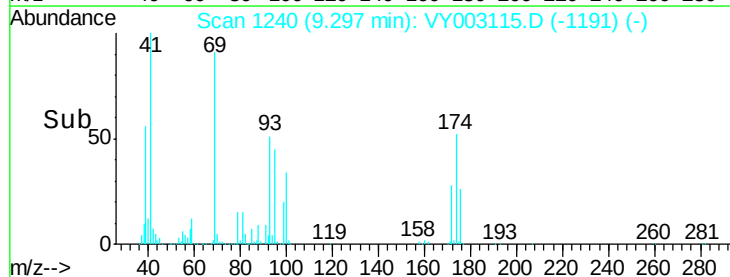
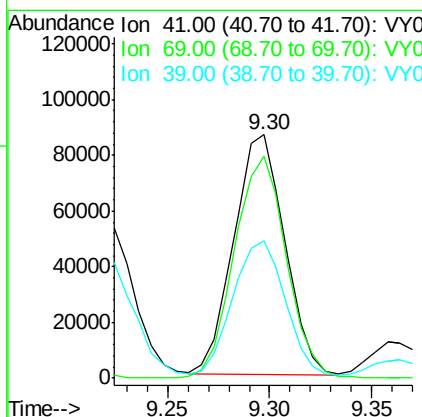
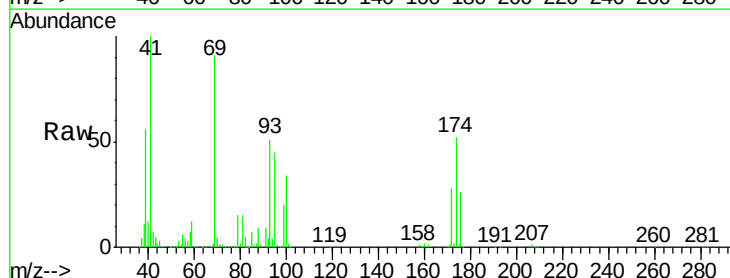
RT: 9.30 min Scan# 1240

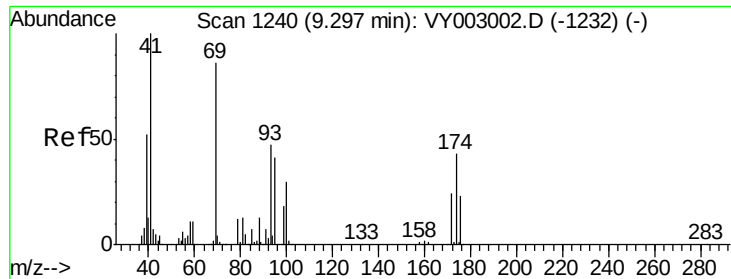
Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion:	41	Resp:	149978
Ion Ratio	Lower	Upper	
41	100		
69	94.1	67.7	101.5
39	59.6	45.0	67.4





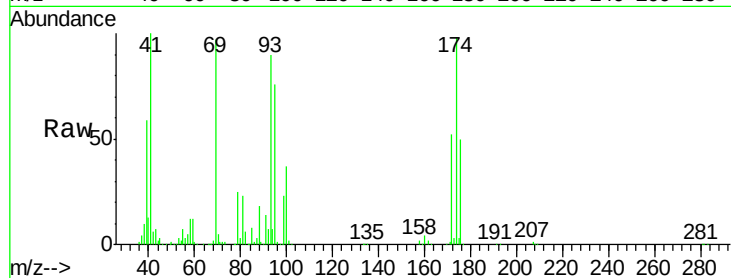
#49
1,4-Dioxane
Concen: 1104.965 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

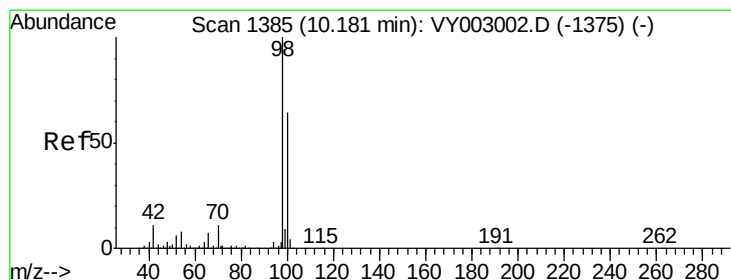
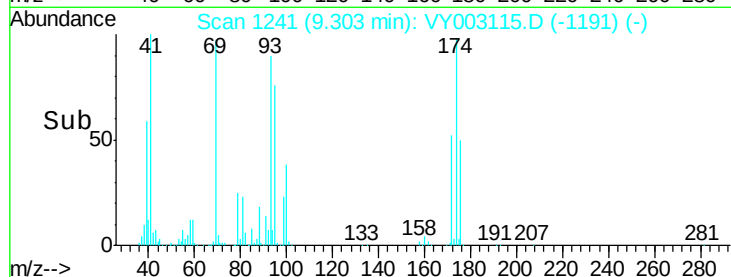
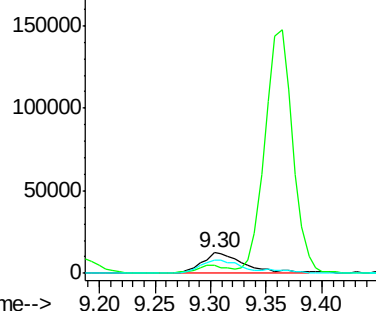
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	28.6	42.8#
58	61.7	56.7	85.1

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM

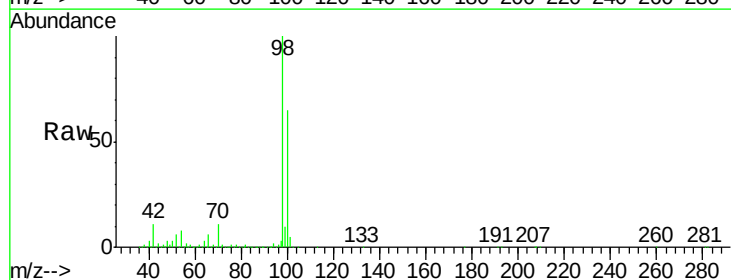


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

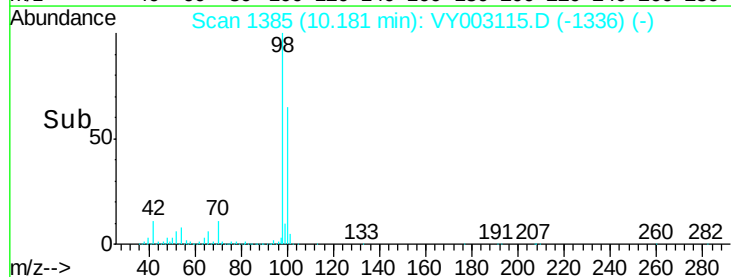
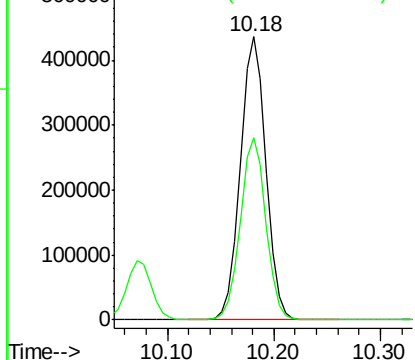


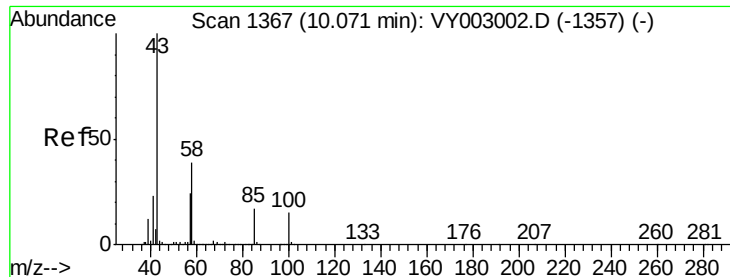
#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7



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





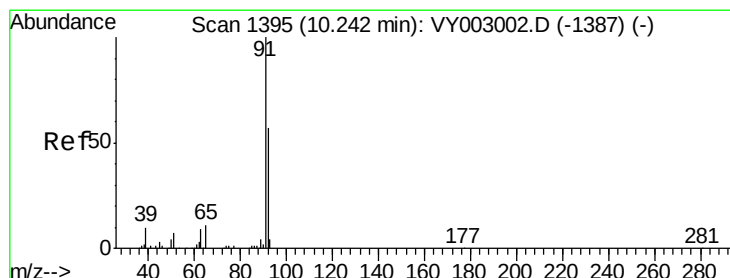
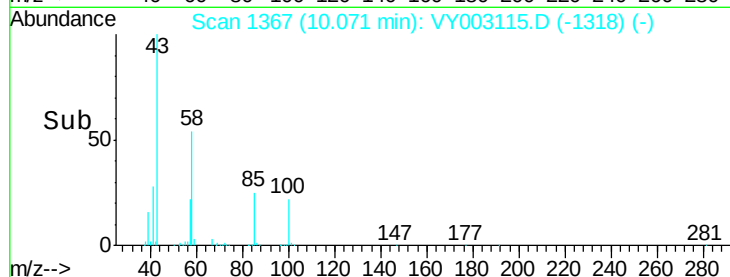
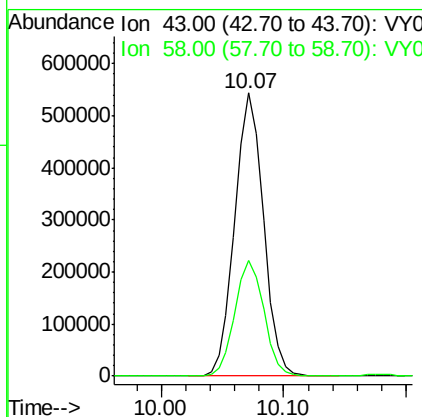
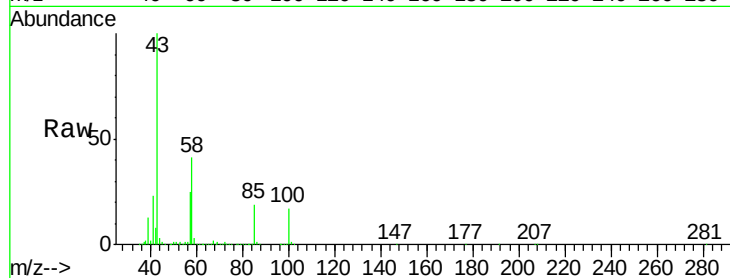
#51
4-Methyl-2-Pentanone
Concen: 248.146 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
883987	100	41.4		31.1	46.7

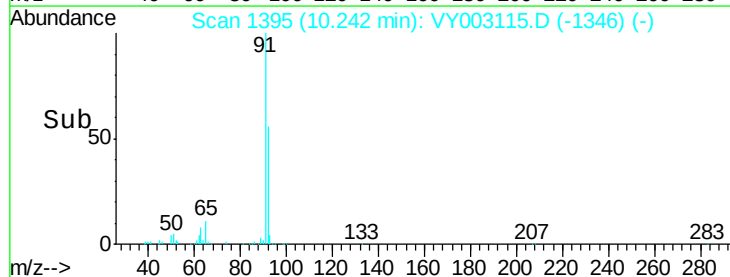
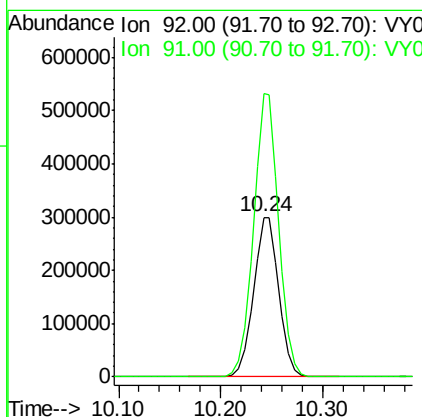
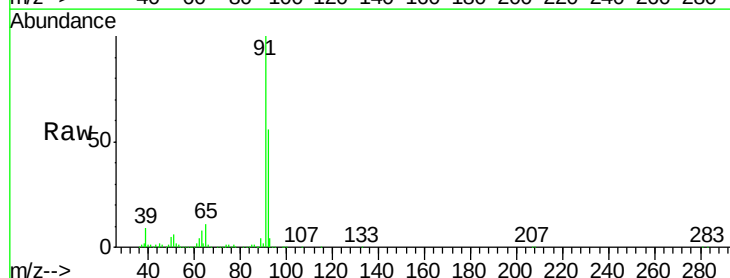
Manual Integrations
APPROVED

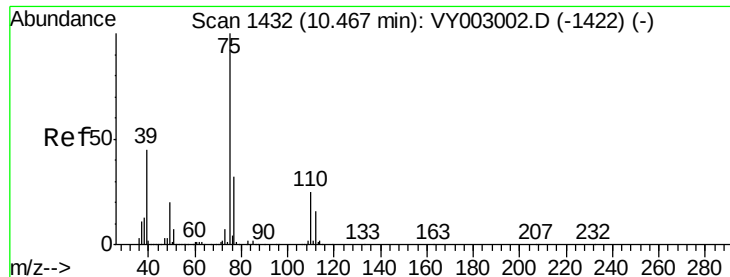
MMDadoda
7/7/2020 11:12:06 AM



#52
Toluene
Concen: 49.680 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	92	91	Ratio	Lower	Upper
516287	100	176.8		139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 50.426 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 321126

Ion Ratio Lower Upper

75 100

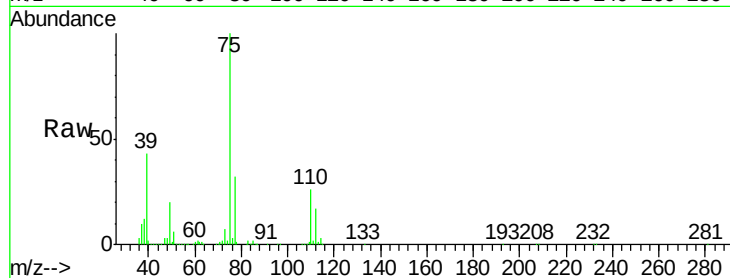
77 31.7 25.9 38.9

Manual Integrations

APPROVED

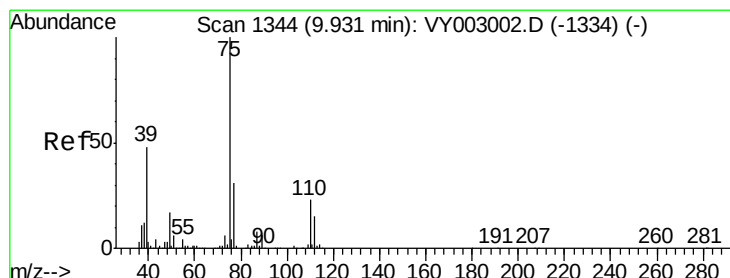
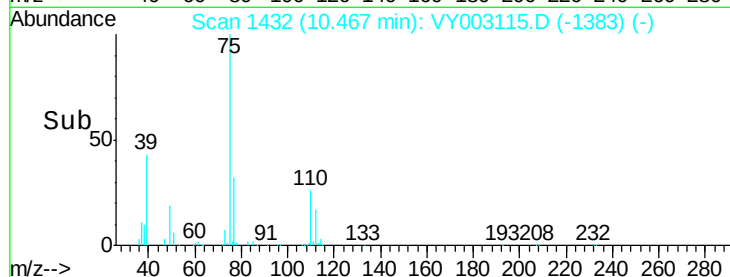
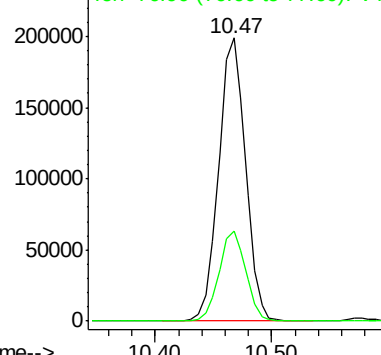
MMDadoda

7/7/2020 11:12:06 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.226 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

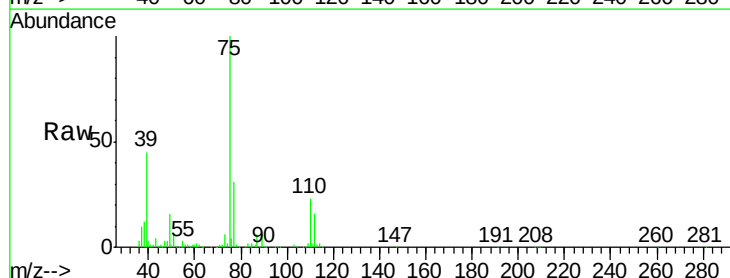
Tgt Ion: 75 Resp: 358515

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

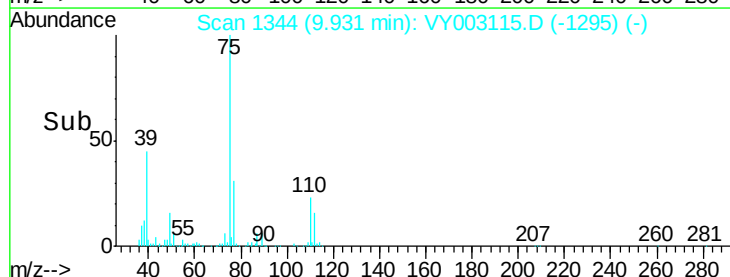
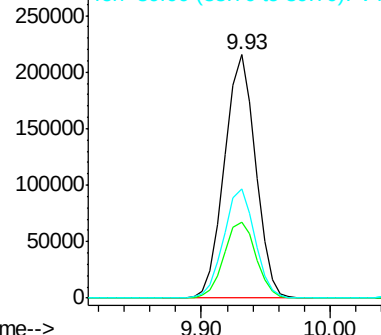
39 44.7 38.3 57.5

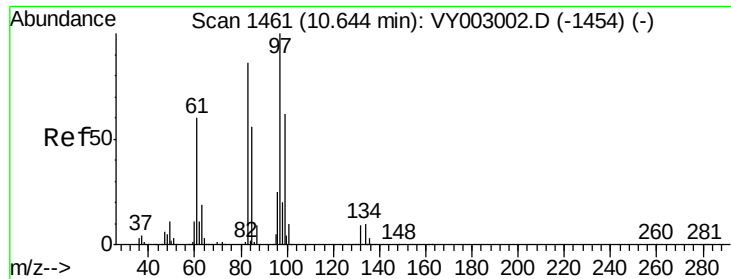


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





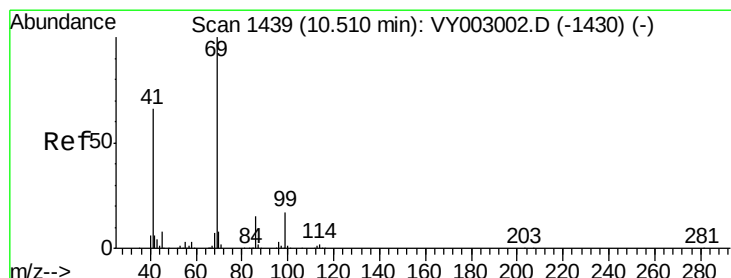
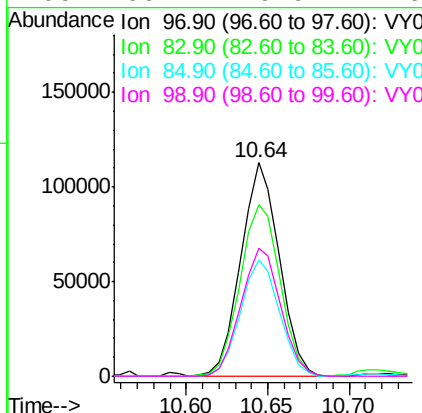
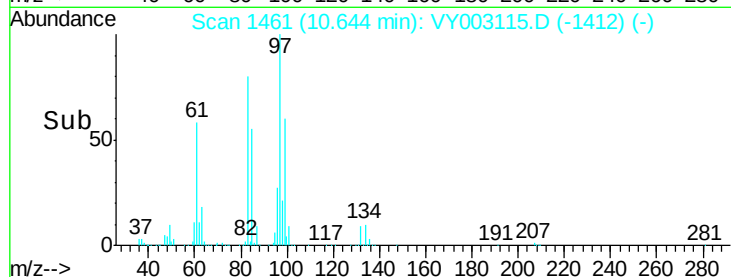
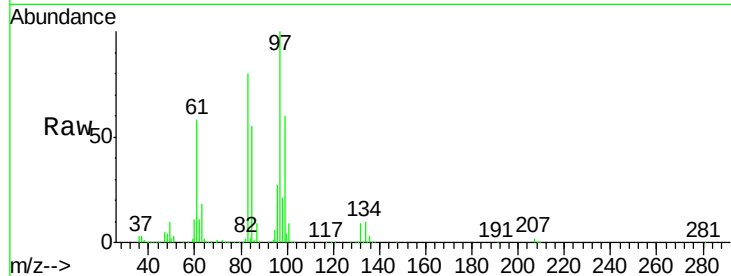
#55
 1,1,2-Trichloroethane
 Concen: 53.768 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	185339
Ion	Ratio	Lower	Upper
97	100		
83	80.2	69.0	103.6
85	54.7	44.8	67.2
99	60.1	49.9	74.9

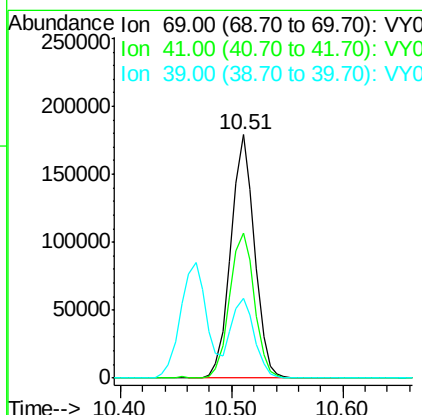
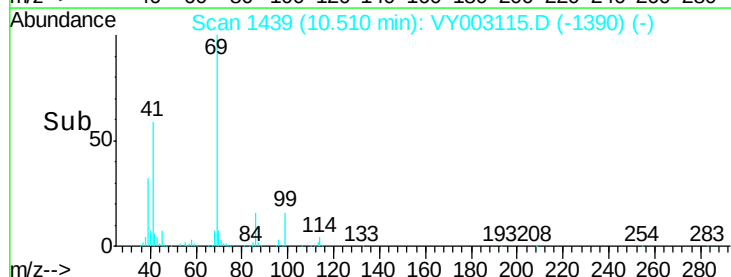
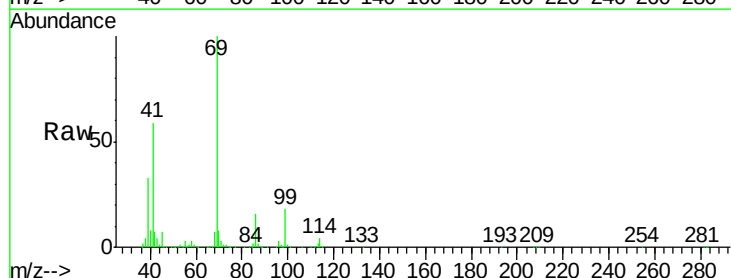
Manual Integrations
 APPROVED

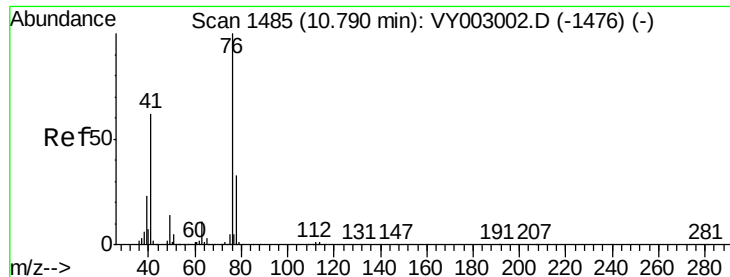
MMDadoda
 7/7/2020 11:12:06 AM



#56
 Ethyl methacrylate
 Concen: 52.617 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion:	69	Resp:	262543
Ion	Ratio	Lower	Upper
69	100		
41	62.8	53.7	80.5
39	32.2	28.3	42.5





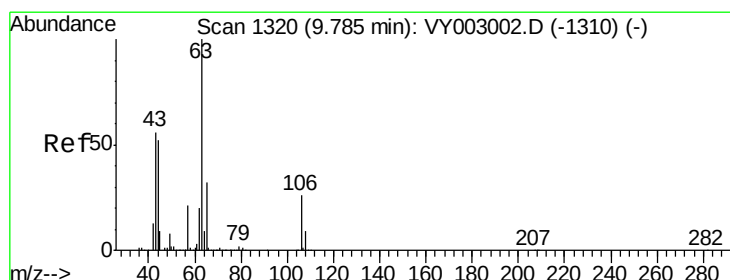
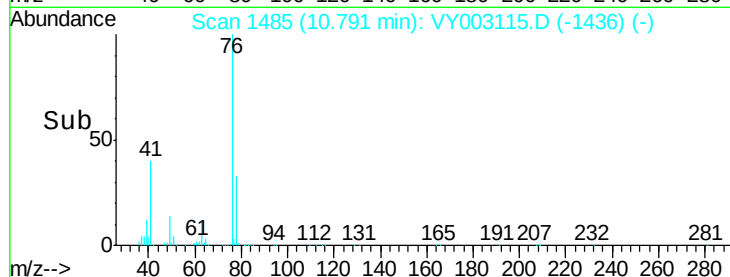
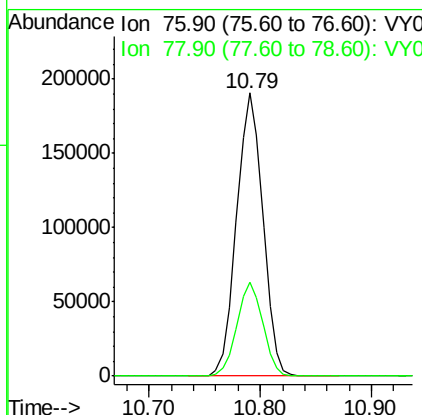
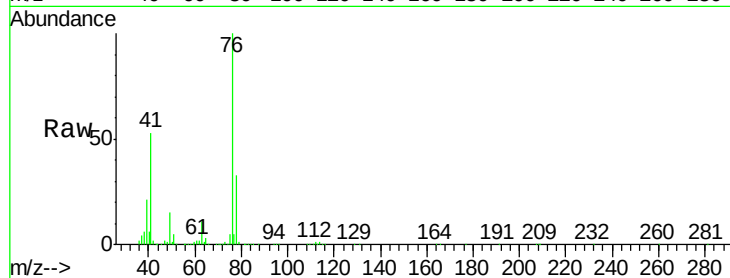
#57
 1,3-Dichloropropane
 Concen: 51.500 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

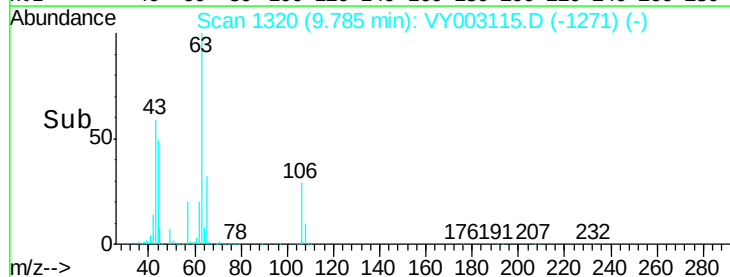
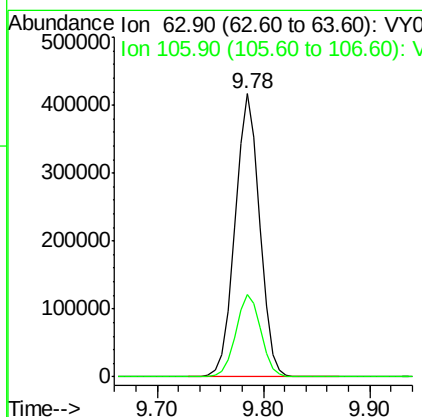
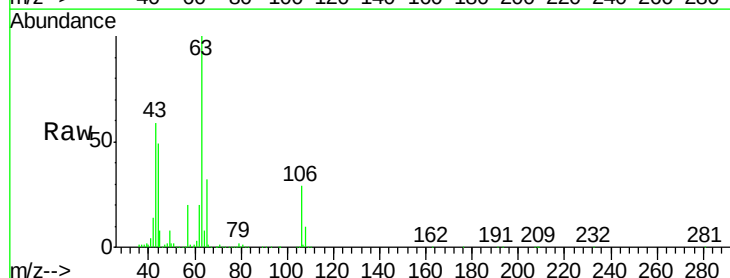
Manual Integrations
 APPROVED

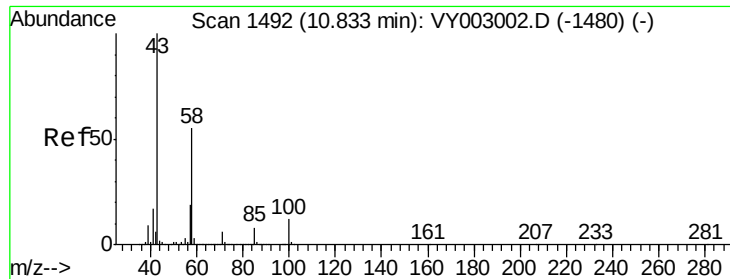
MMDadoda
 7/7/2020 11:12:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.732 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	21.5	32.3





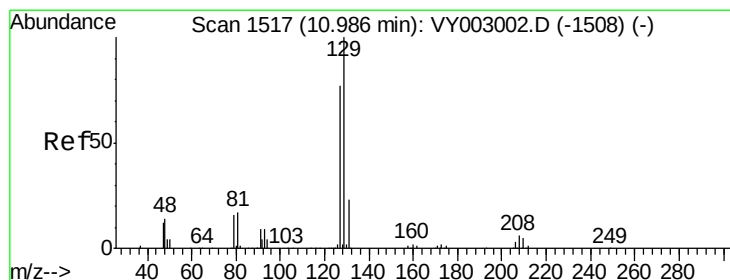
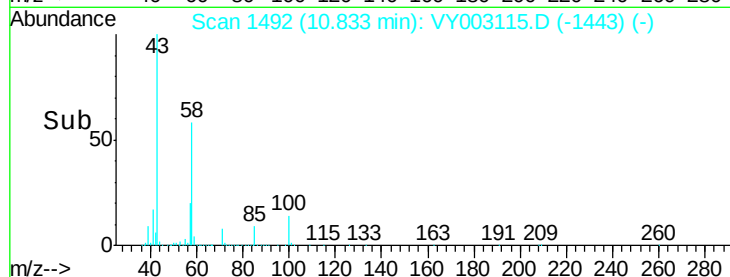
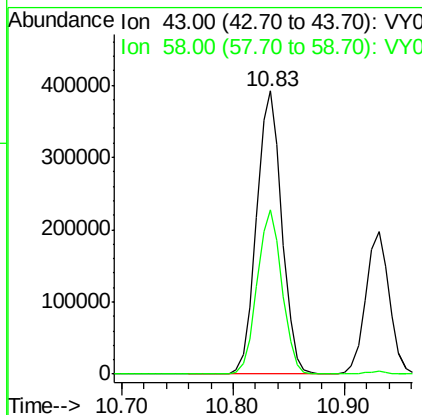
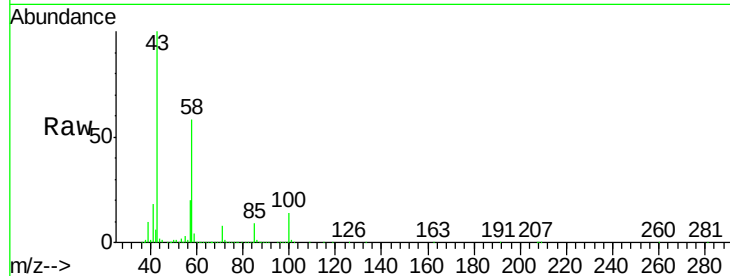
#59
2-Hexanone
Concen: 248.410 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 618534
Ion Ratio Lower Upper
43 100
58 57.4 27.5 82.4

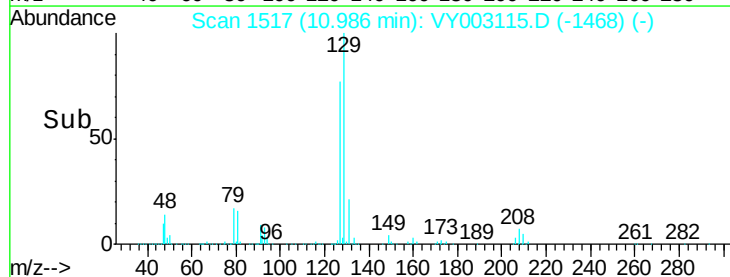
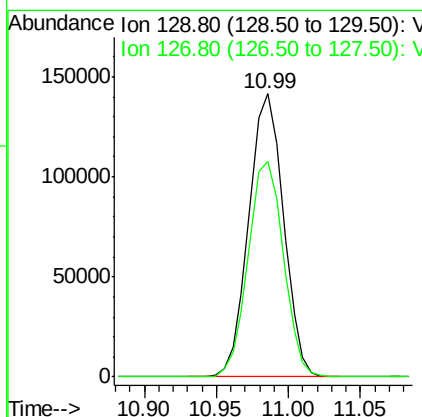
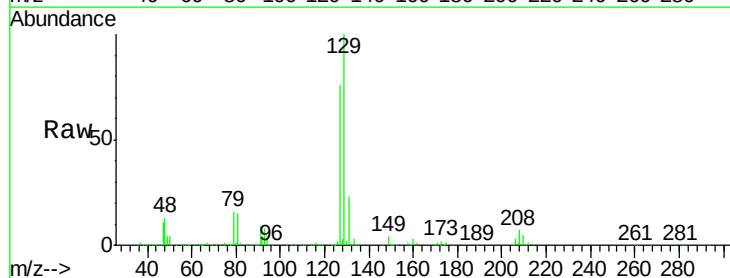
Manual Integrations
APPROVED

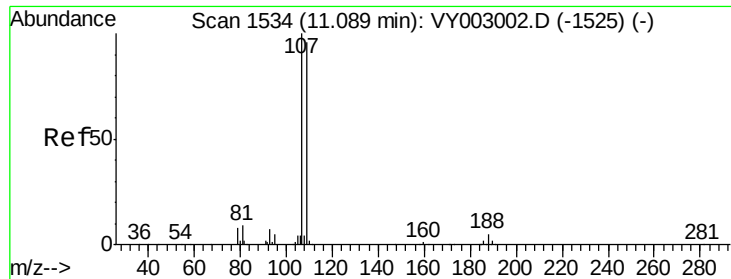
MMDadoda
7/7/2020 11:12:06 AM



#60
Dibromochloromethane
Concen: 53.568 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 129 Resp: 236304
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3





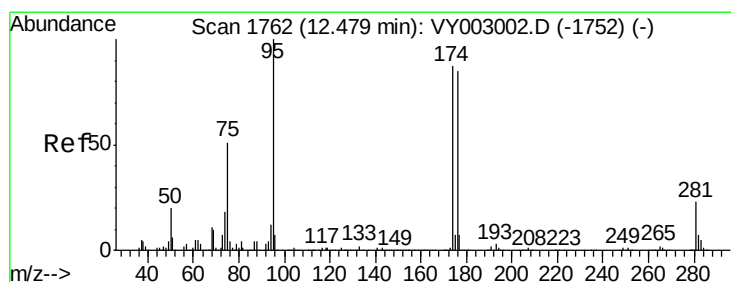
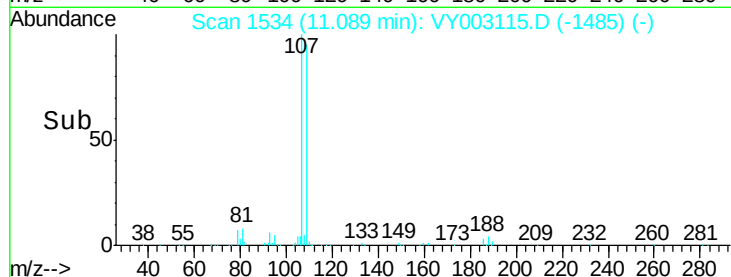
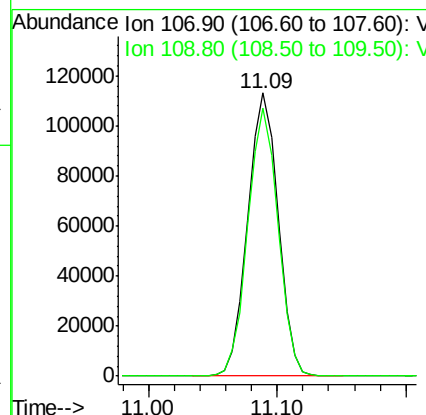
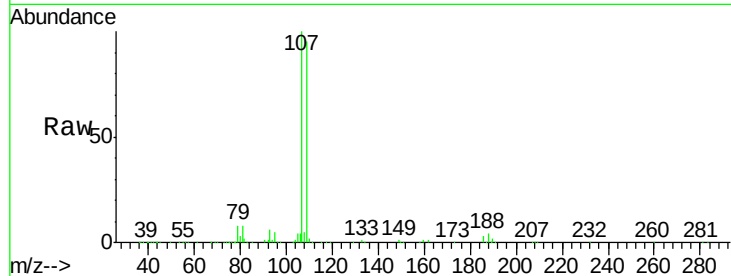
#61
 1,2-Dibromoethane
 Concen: 54.230 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8

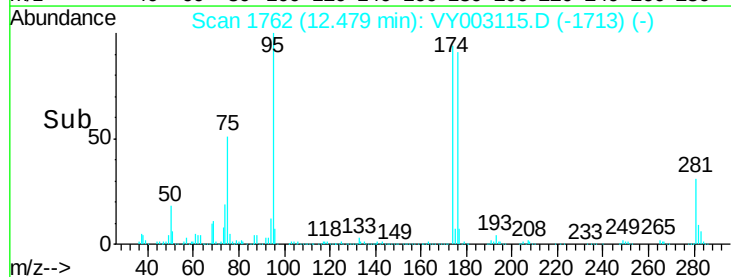
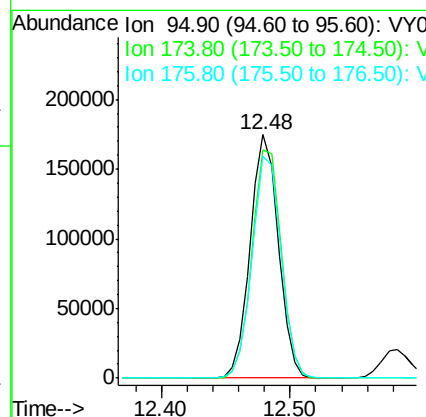
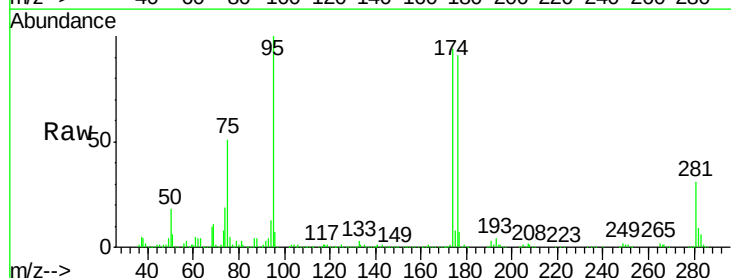
Manual Integrations
 APPROVED

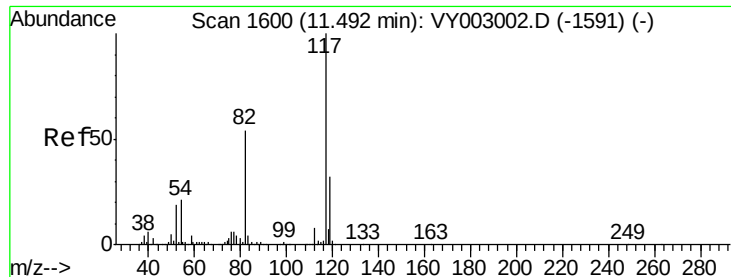
MMDadoda
 7/7/2020 11:12:06 AM



#62
 4-Bromofluorobenzene
 Concen: 51.256 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	184.8
176	93.3	0.0	183.0





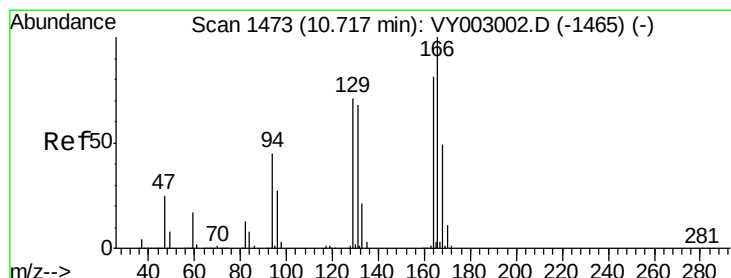
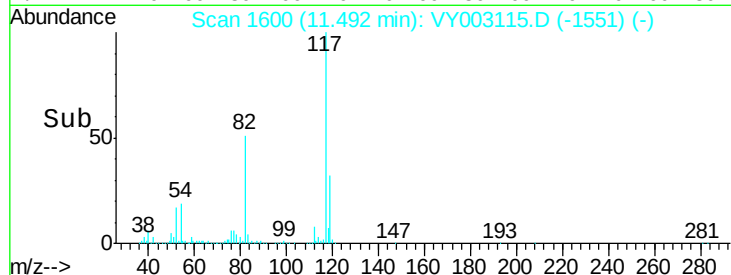
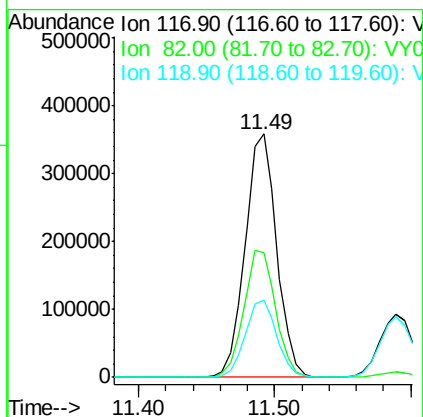
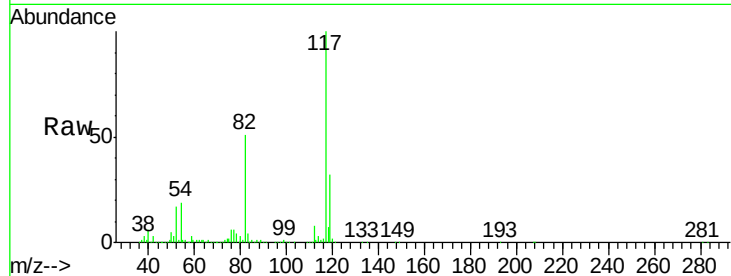
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	580028		
82	51.0		43.0	64.6
119	32.0		25.8	38.8

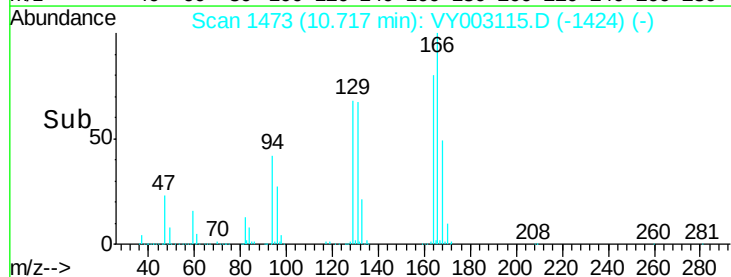
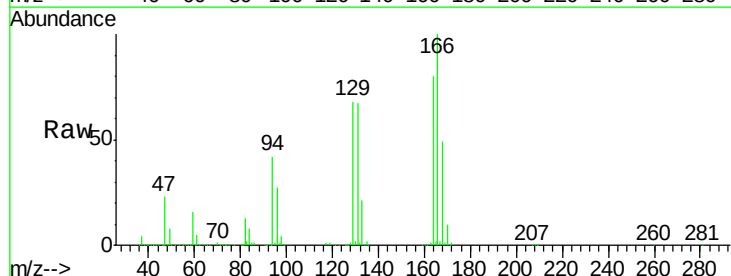
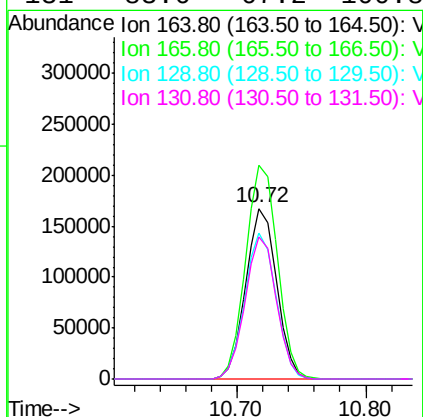
Manual Integrations
APPROVED

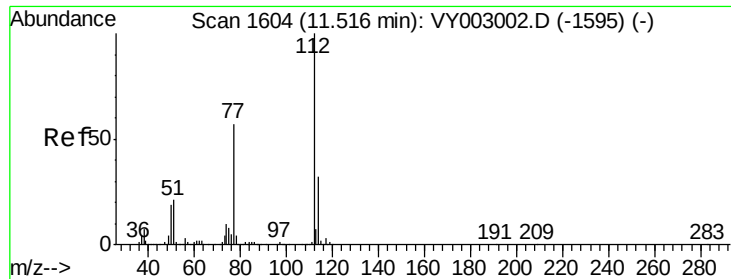
MMDadoda
7/7/2020 11:12:06 AM



#64
Tetrachloroethene
Concen: 56.592 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	277812		
166	125.3		98.5	147.7
129	85.6		69.7	104.5
131	83.6		67.2	100.8





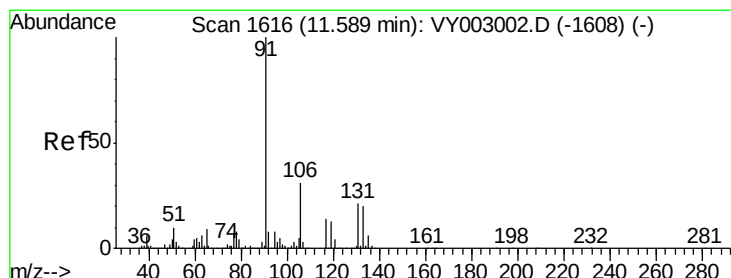
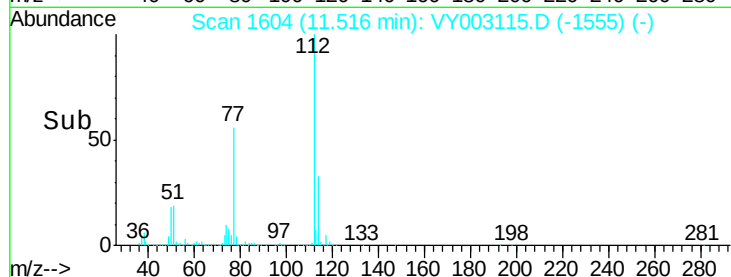
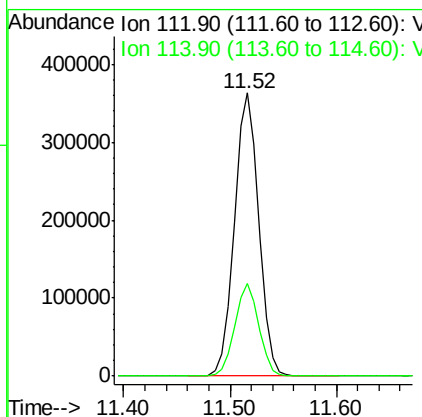
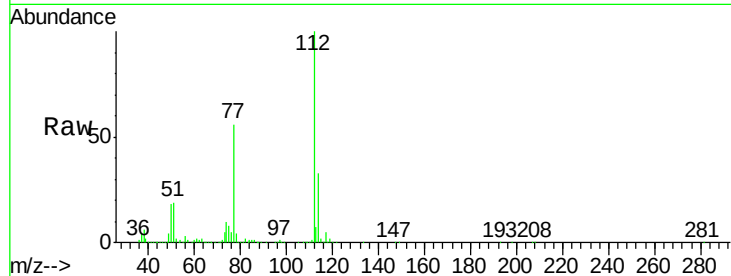
#65
Chlorobenzene
Concen: 50.828 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.7	38.5

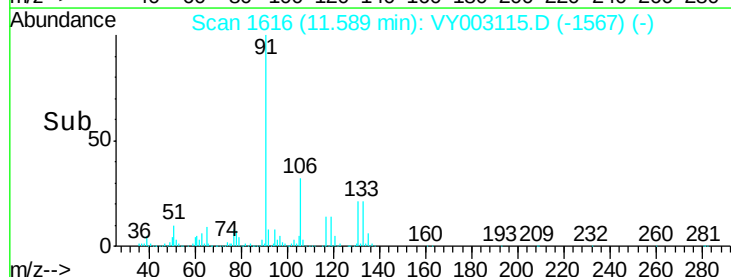
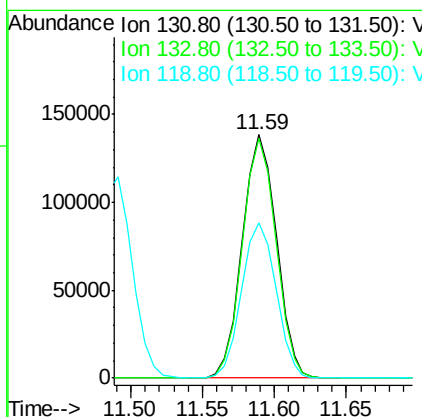
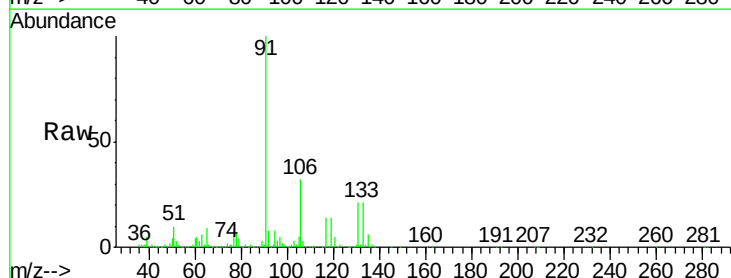
Manual Integrations
APPROVED

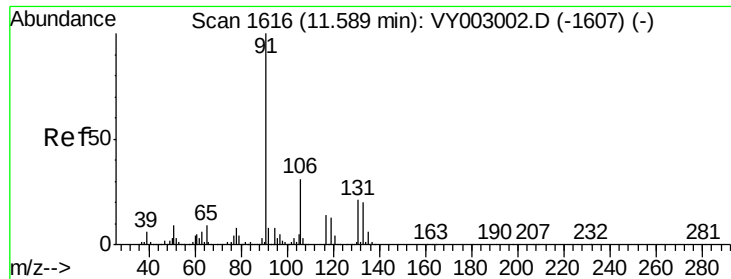
MMDadoda
7/7/2020 11:12:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.082 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.9	143.8
119	64.5	31.8	95.3





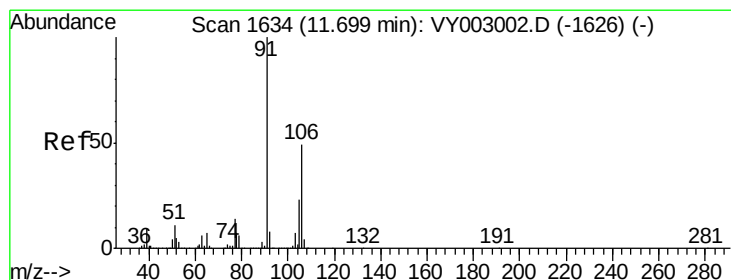
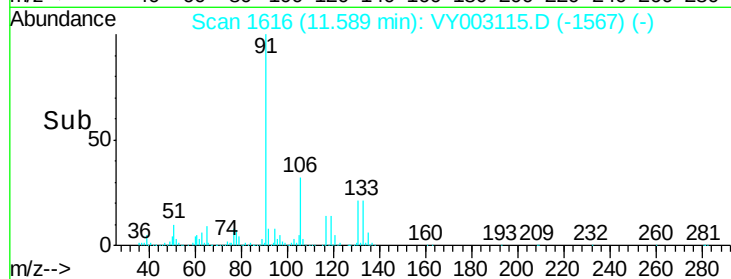
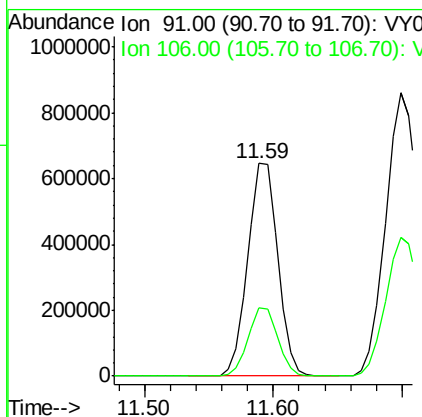
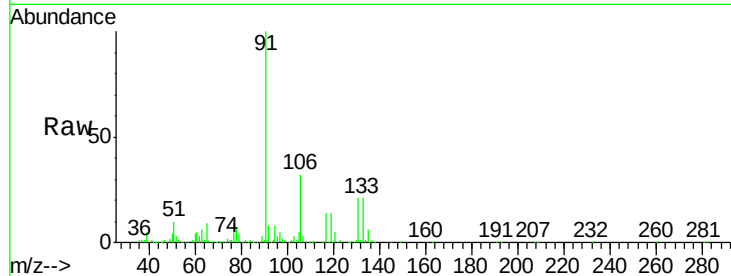
#67
Ethyl Benzene
Concen: 49.495 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1035611
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4

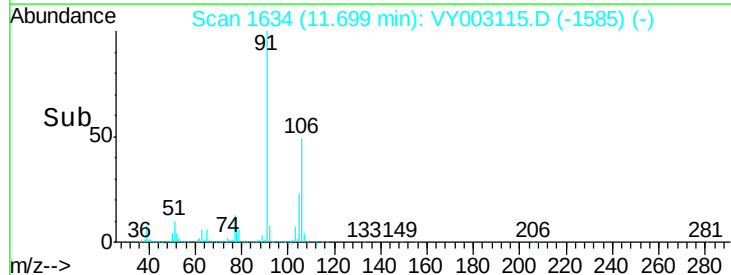
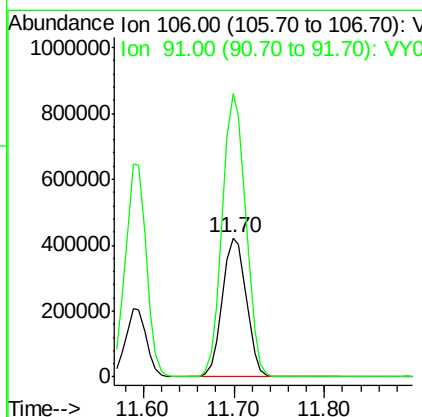
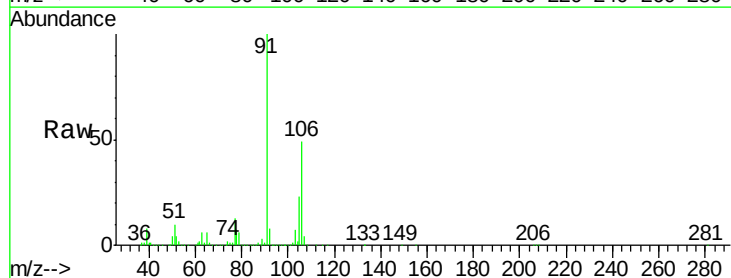
Manual Integrations
APPROVED

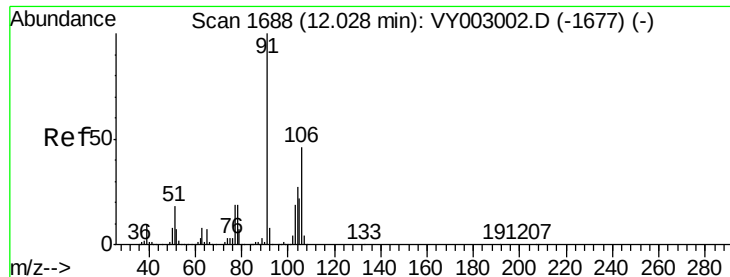
MMDadoda
7/7/2020 11:12:06 AM



#68
m/p-Xylenes
Concen: 100.042 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 106 Resp: 779052
Ion Ratio Lower Upper
106 100
91 200.4 161.9 242.9





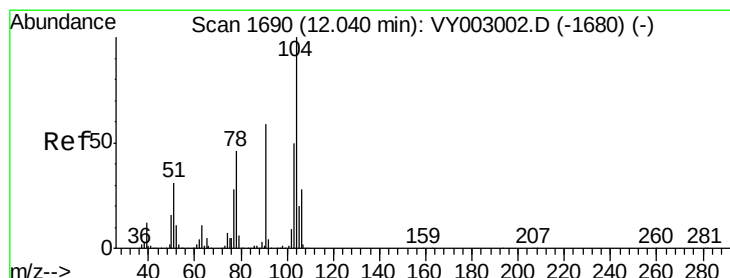
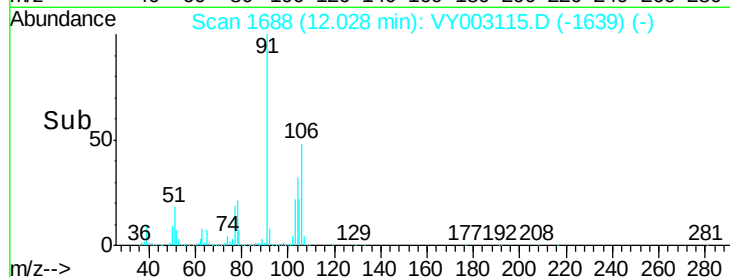
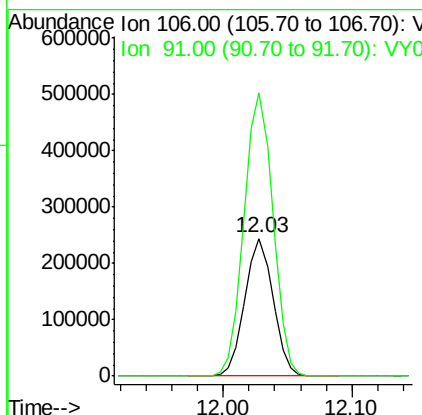
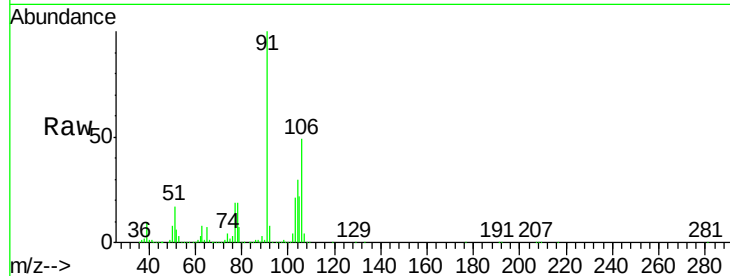
#69
o-Xylene
Concen: 50.653 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 371701
Ion Ratio Lower Upper
106 100
91 210.3 107.9 323.8

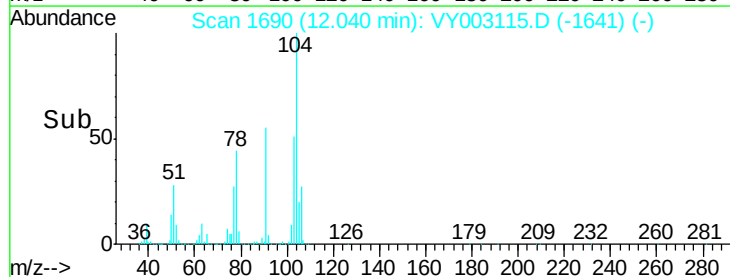
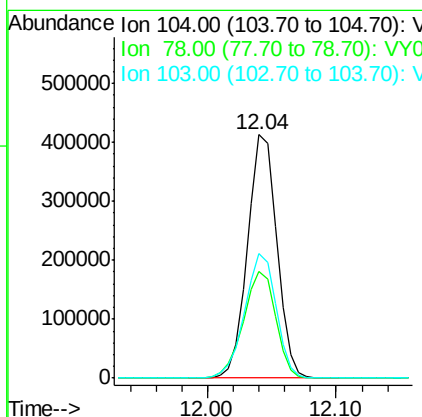
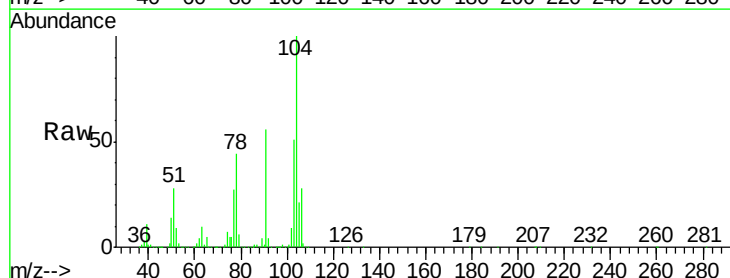
Manual Integrations
APPROVED

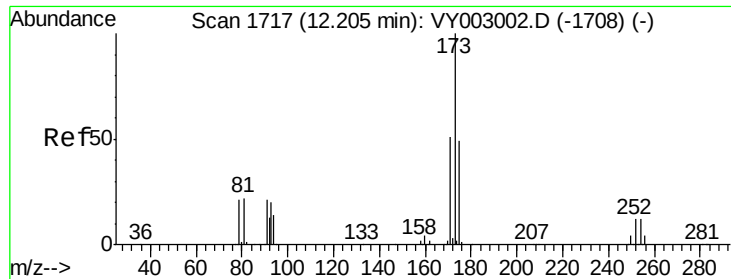
MMDadoda
7/7/2020 11:12:06 AM



#70
Styrene
Concen: 51.693 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:104 Resp: 648045
Ion Ratio Lower Upper
104 100
78 48.4 40.4 60.6
103 55.1 44.1 66.1





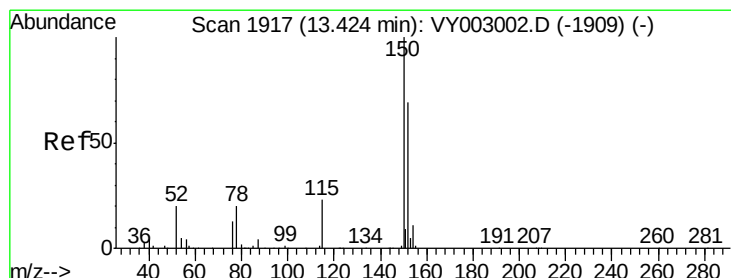
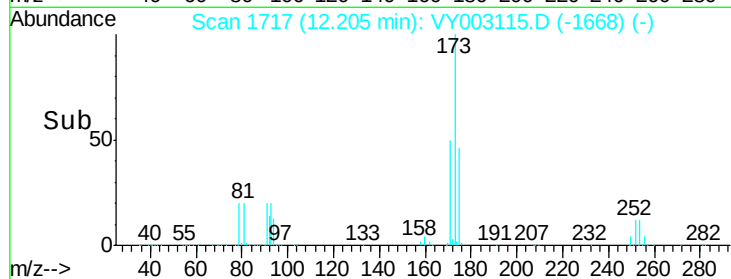
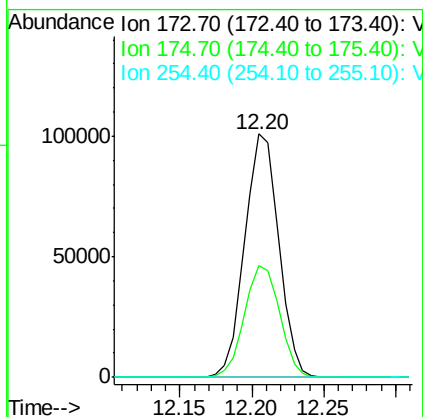
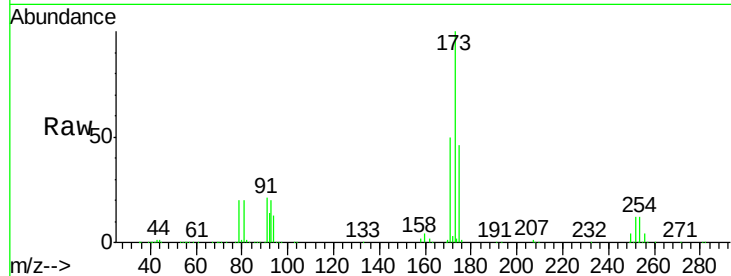
#71
Bromoform
Concen: 55.495 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.6	73.6
254	0.2	0.2	0.2

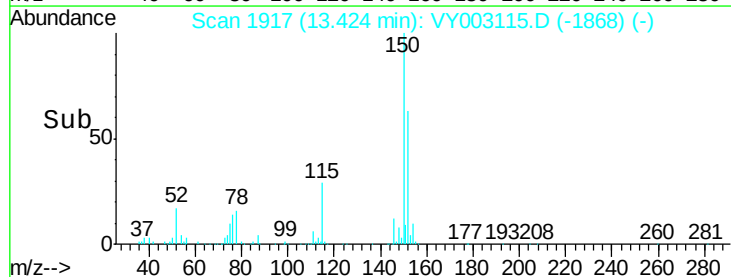
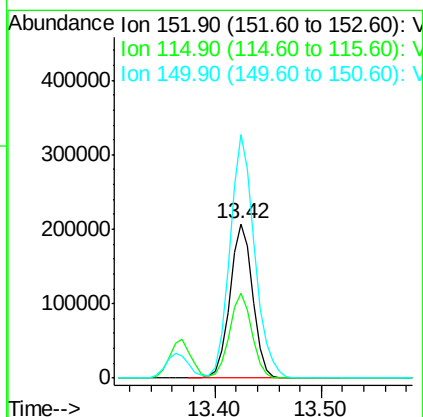
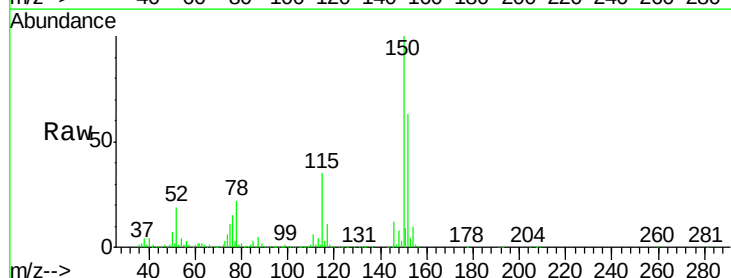
Manual Integrations
APPROVED

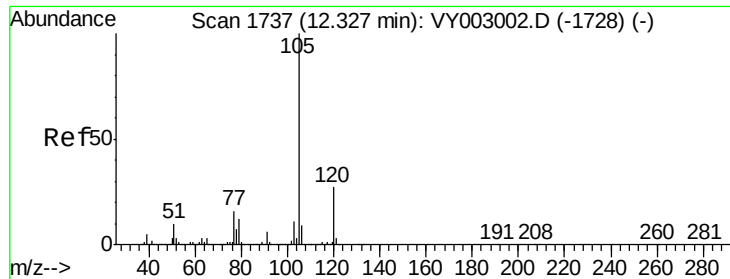
MMDadoda
7/7/2020 11:12:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.3	81.9
150	171.6	0.0	343.4





#73

Isopropylbenzene

Concen: 50.133 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1013195

Ion Ratio Lower Upper

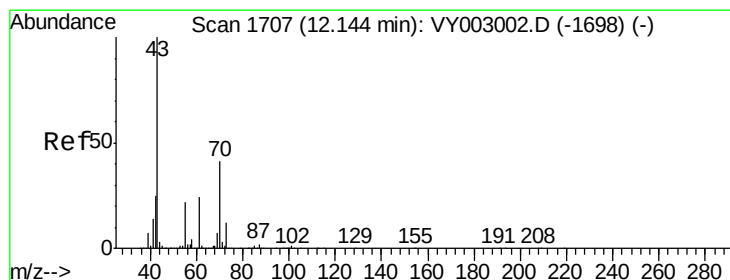
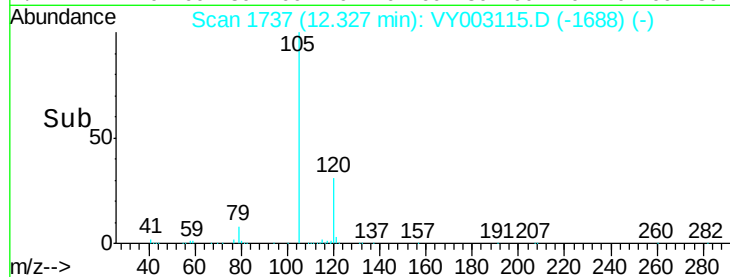
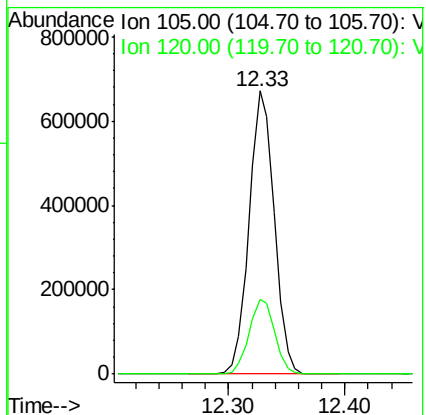
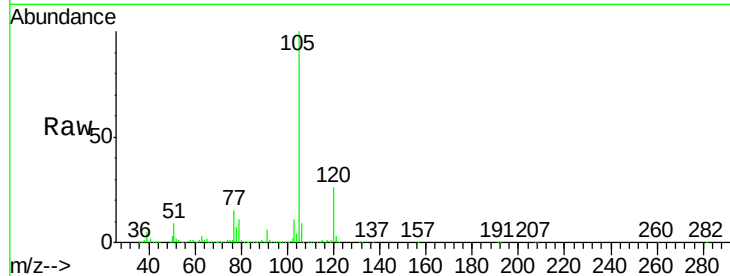
105 100

120 27.0 13.4 40.1

Manual Integrations
APPROVED

MMDadoda

7/7/2020 11:12:06 AM



#74

N-ethyl acetate

Concen: 48.055 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion: 43 Resp: 316174

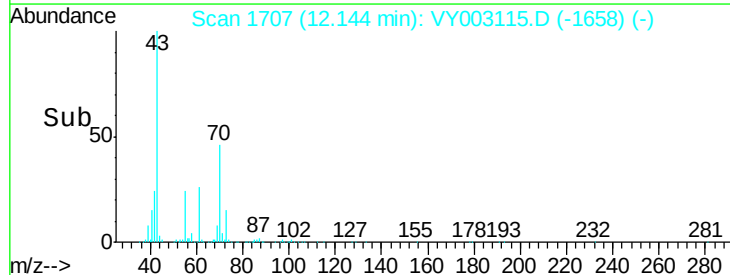
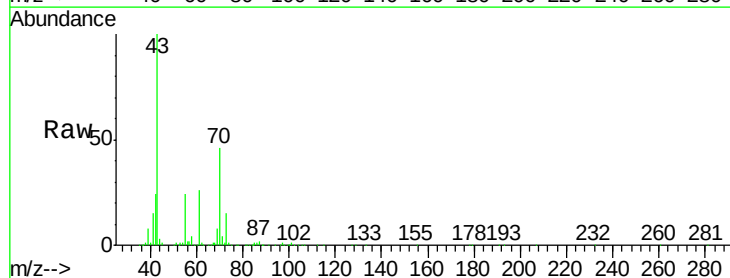
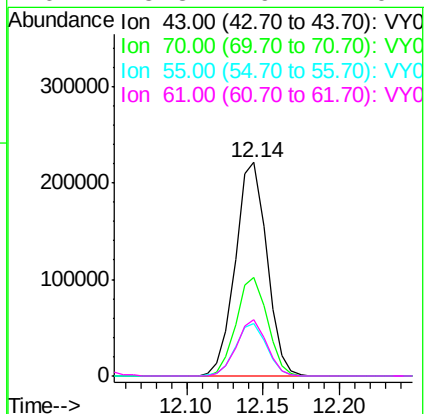
Ion Ratio Lower Upper

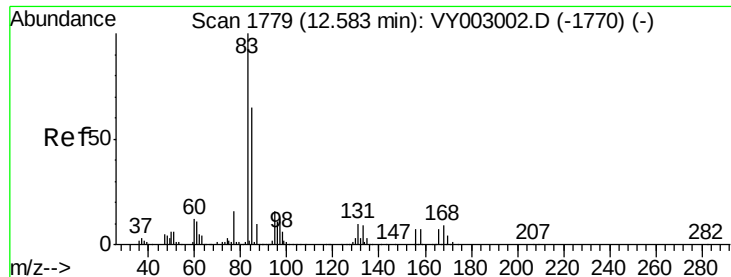
43 100

70 45.9 33.0 49.4

55 24.1 18.2 27.2

61 25.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.169 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

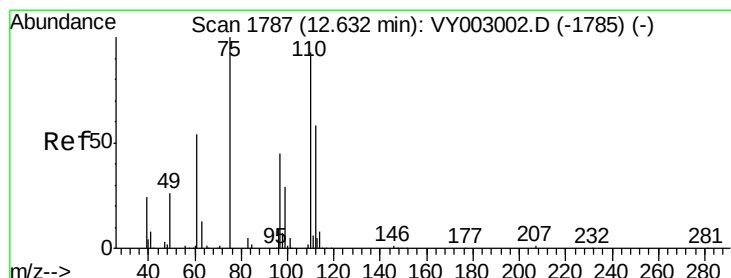
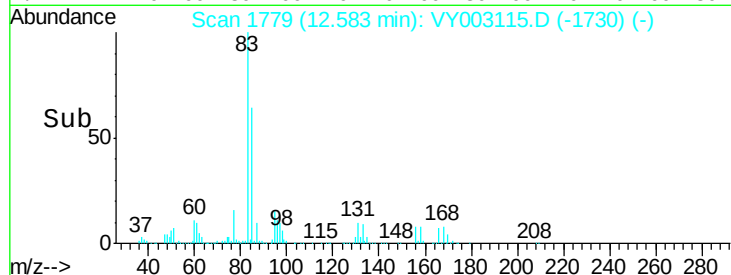
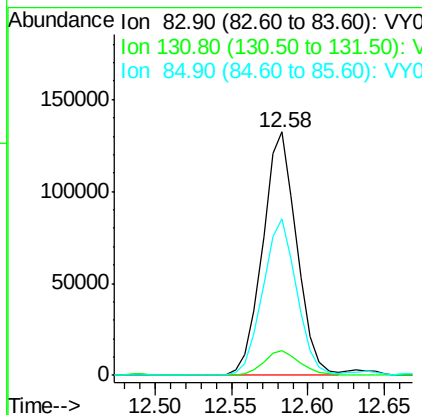
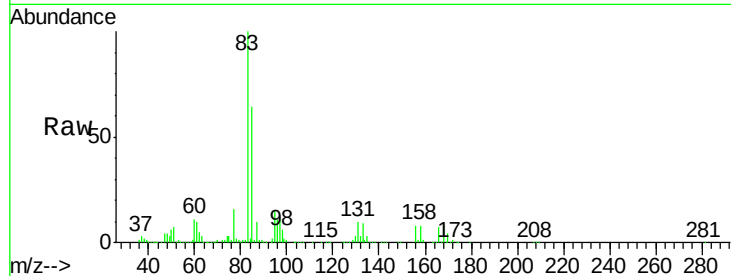
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	204617
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	64.2	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#76

1,2,3-Trichloropropane

Concen: 51.827 ug/l m

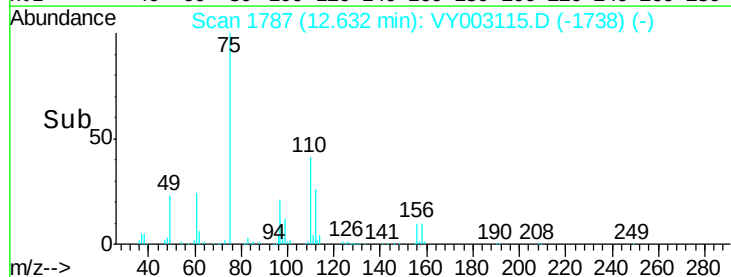
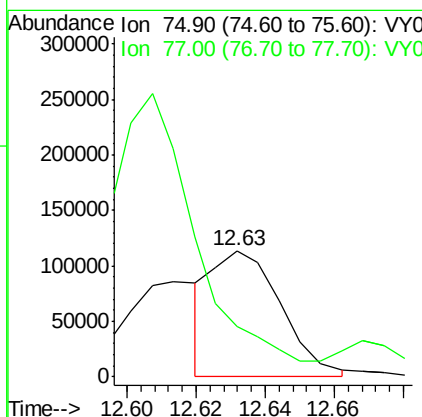
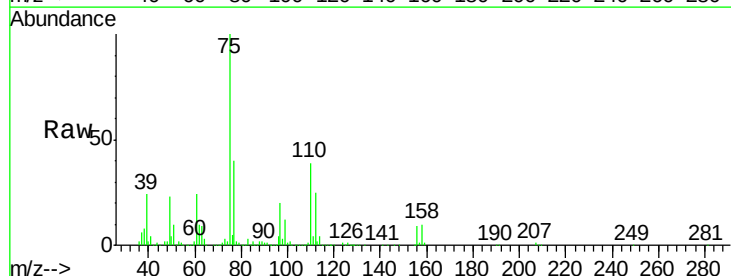
RT: 12.63 min Scan# 1787

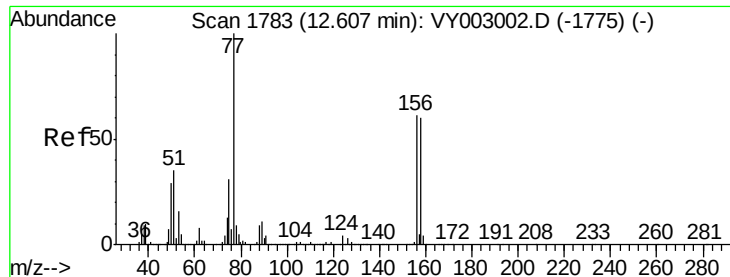
Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion:	75	Resp:	158398
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.606 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 267418

Ion Ratio Lower Upper

156 100

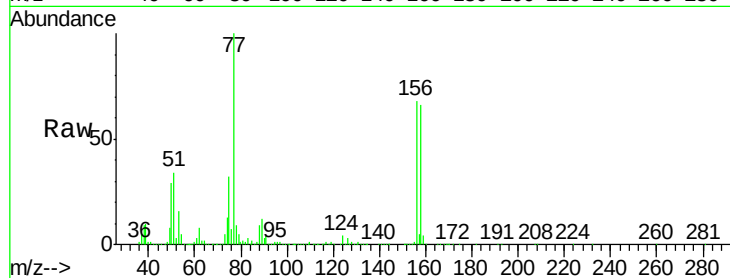
77 170.5 90.0 270.0

158 96.7 48.5 145.5

Manual Integrations
APPROVED

MMDadoda

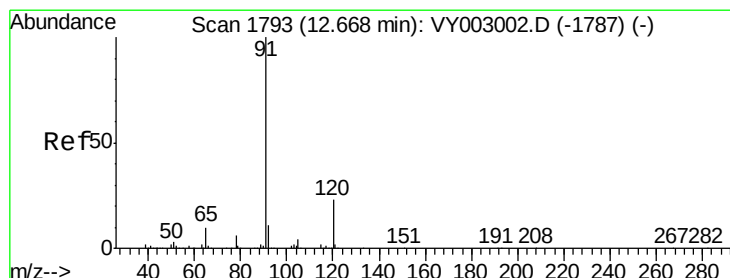
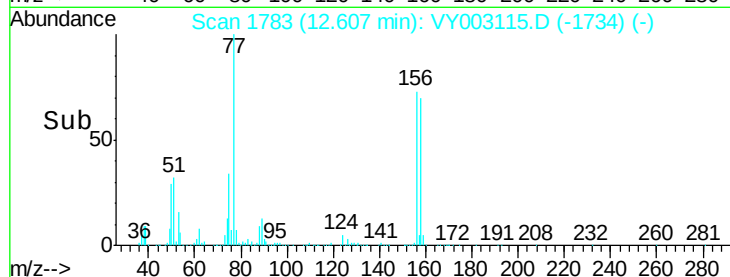
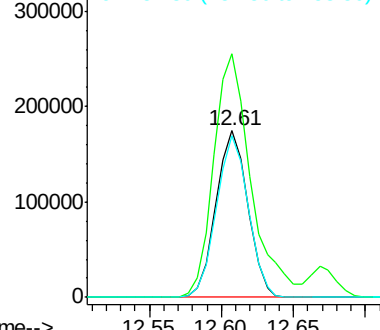
7/7/2020 11:12:06 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.899 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003115.D

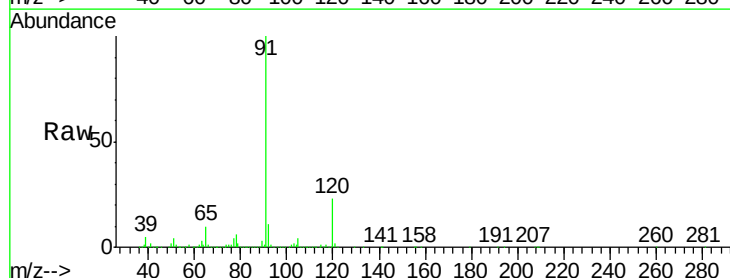
Acq: 06 Jul 2020 16:54

Tgt Ion: 91 Resp: 1188531

Ion Ratio Lower Upper

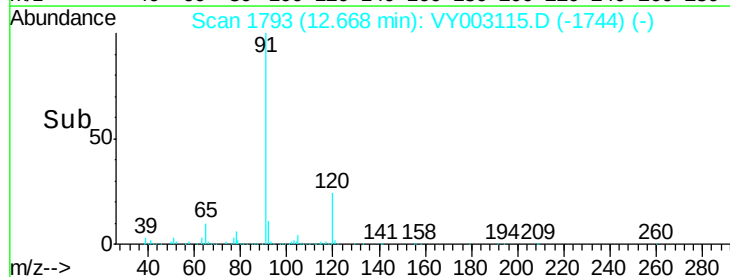
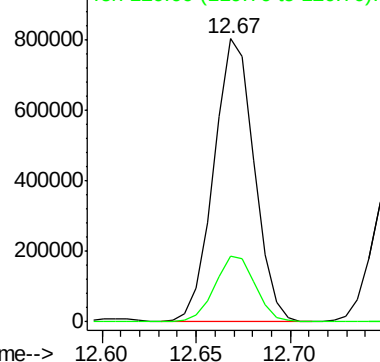
91 100

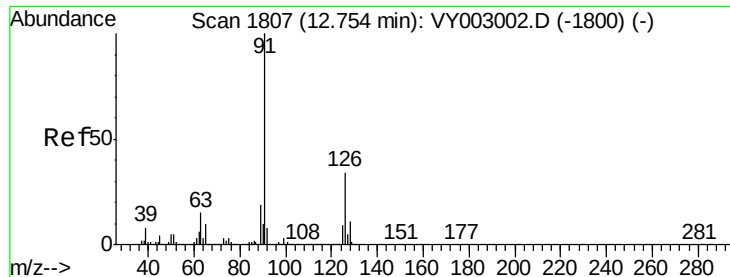
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.417 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 670430

Ion Ratio Lower Upper

91 100

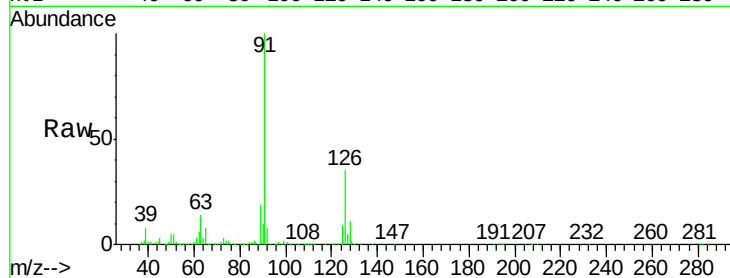
126 35.9 17.1 51.3

Manual Integrations

APPROVED

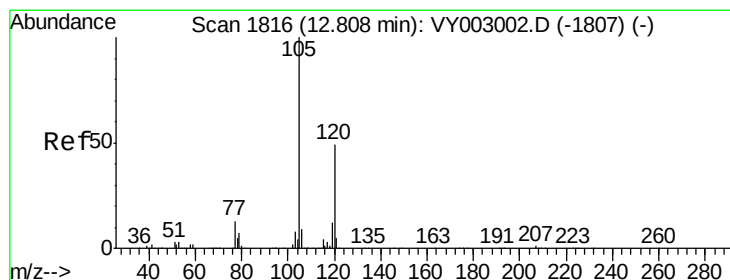
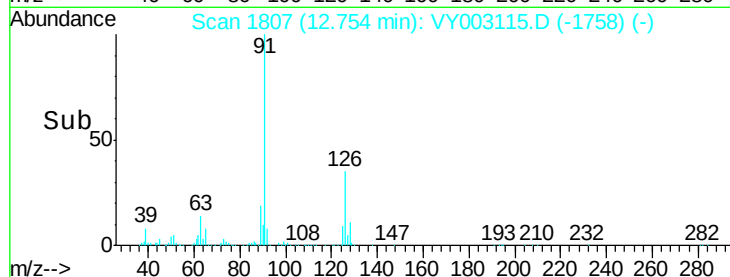
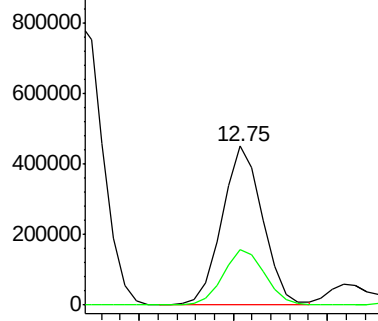
MMDadoda

7/7/2020 11:12:06 AM



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.826 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003115.D

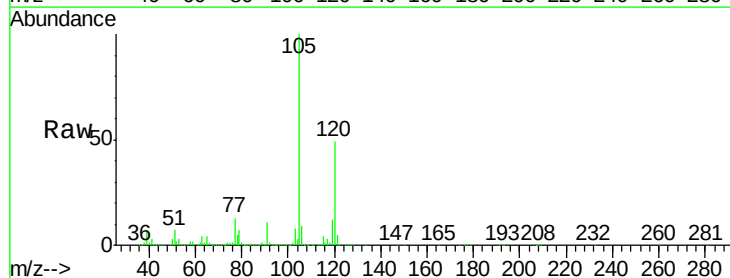
Acq: 06 Jul 2020 16:54

Tgt Ion: 105 Resp: 845024

Ion Ratio Lower Upper

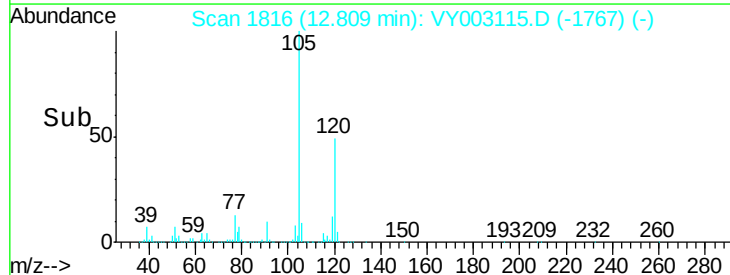
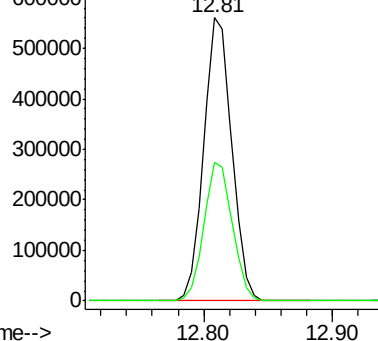
105 100

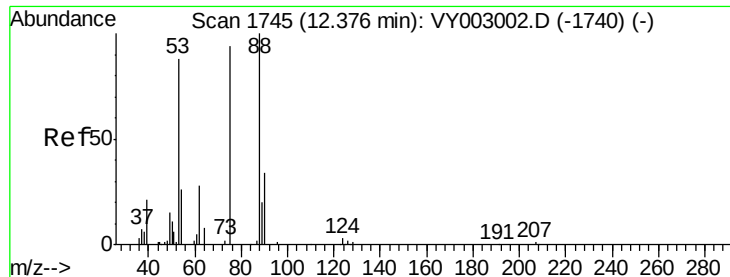
120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.972 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

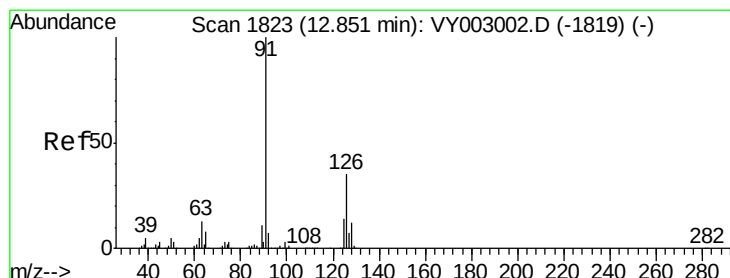
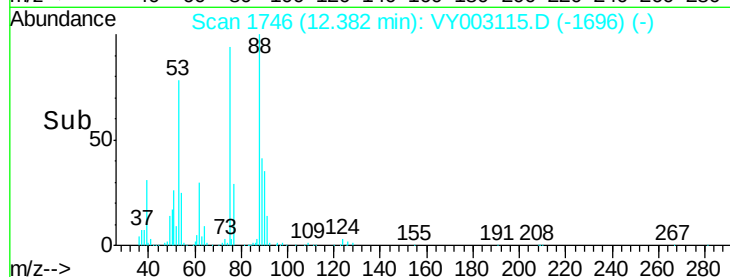
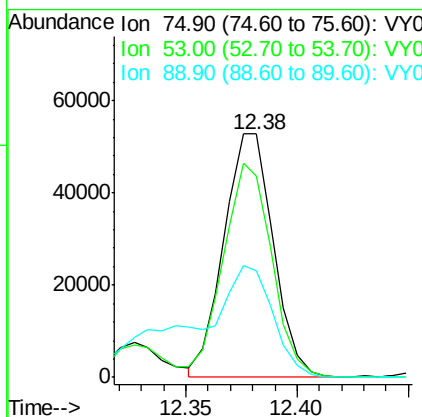
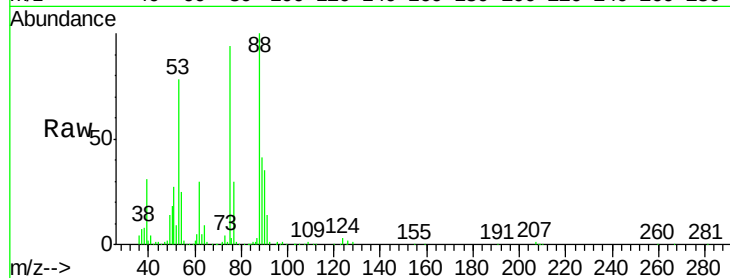
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	81641
Ion	Ratio	Lower	Upper
75	100		
53	86.6	73.9	110.9
89	78.9	37.5	56.3#

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#82

4-Chlorotoluene

Concen: 49.314 ug/l

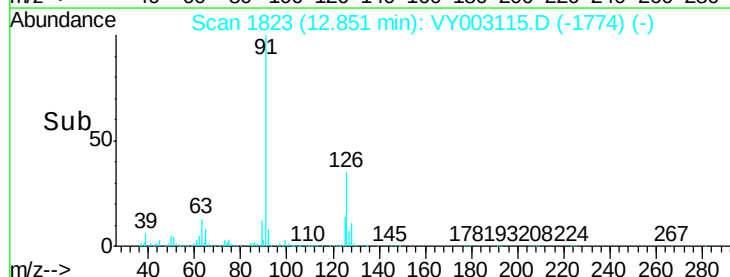
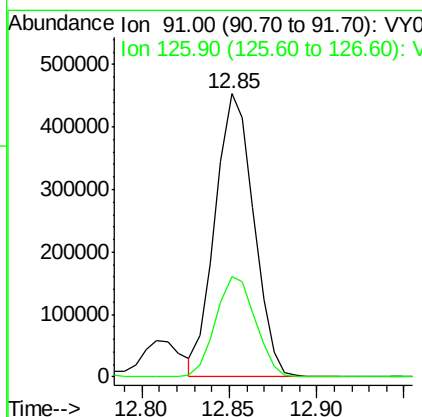
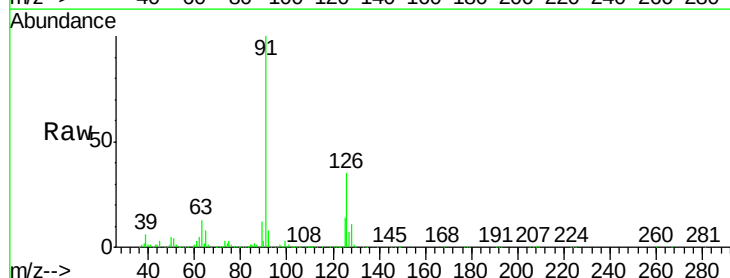
RT: 12.85 min Scan# 1823

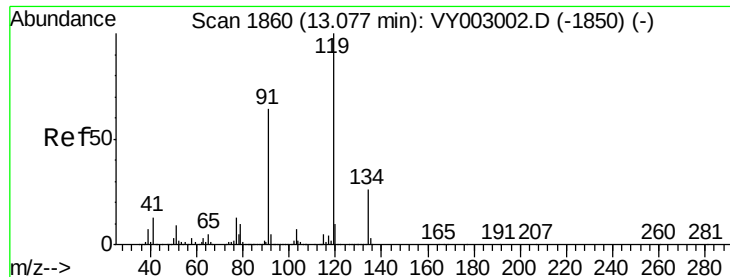
Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion:	91	Resp:	696571
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.4	52.3





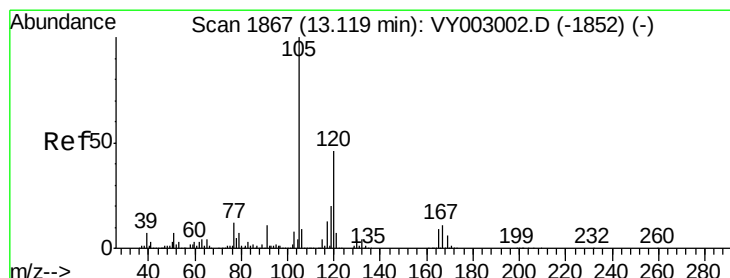
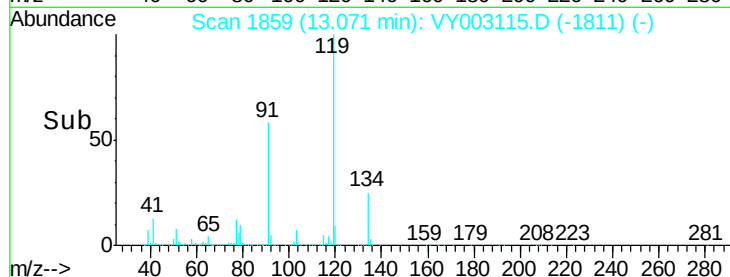
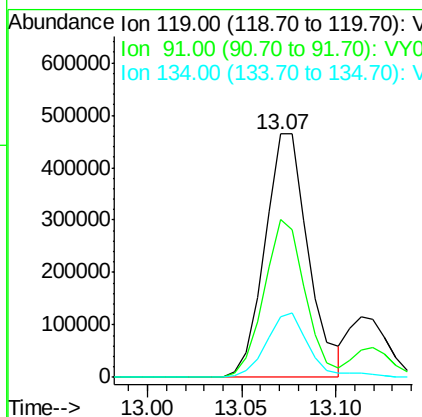
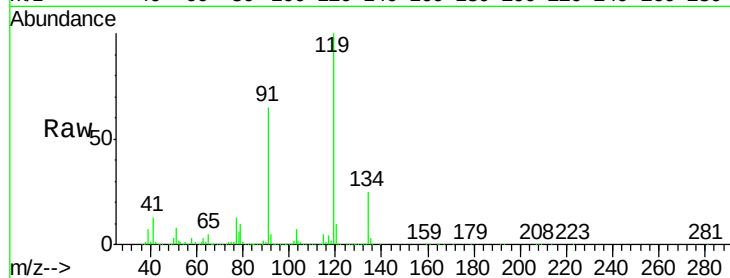
#83
 tert-Butylbenzene
 Concen: 49.909 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	31.6	95.0
134	26.1	13.2	39.5

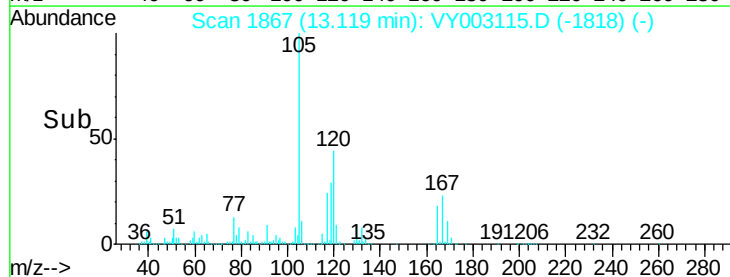
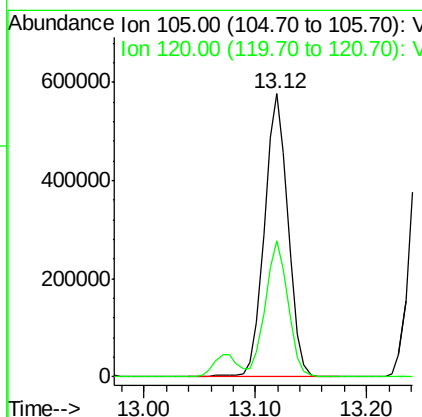
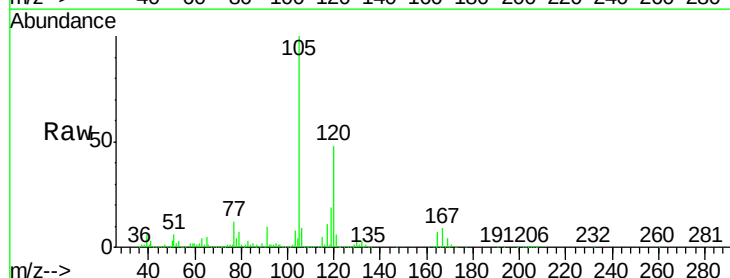
Manual Integrations
 APPROVED

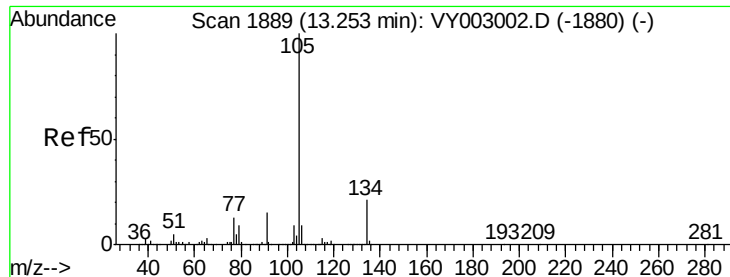
MMDadoda
 7/7/2020 11:12:06 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.947 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.793 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1022047

Ion Ratio Lower Upper

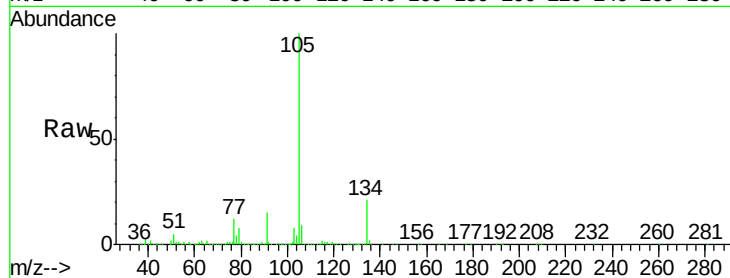
105 100

134 21.0 10.4 31.2

Manual Integrations
APPROVED

MMDadoda

7/7/2020 11:12:06 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

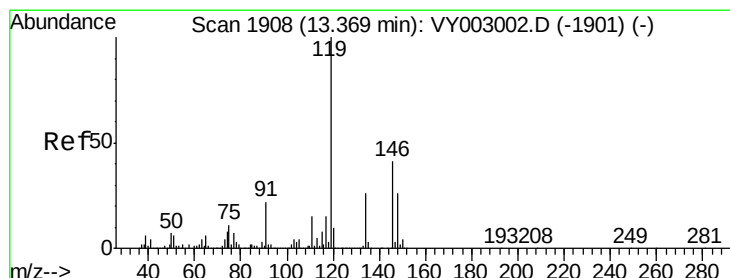
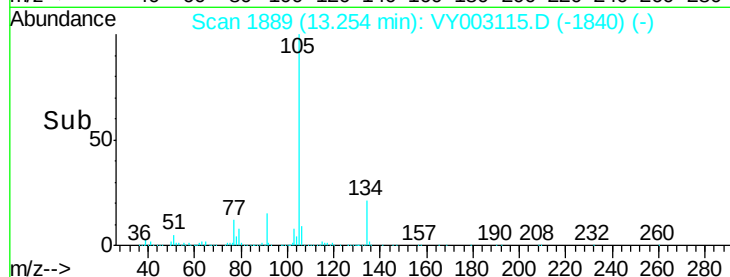
200000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 49.994 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

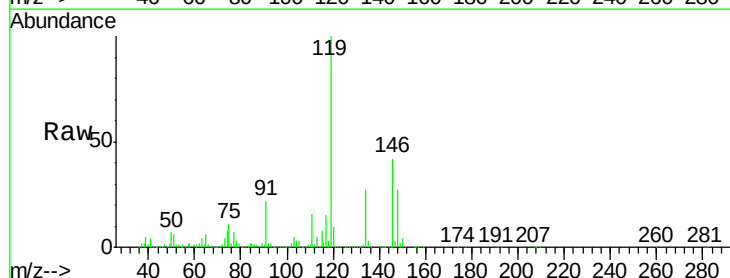
Tgt Ion:119 Resp: 950857

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 21.9 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

400000

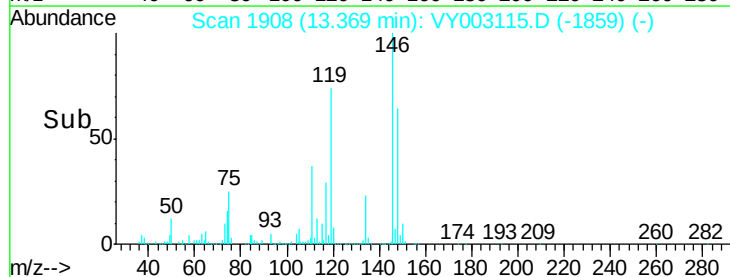
200000

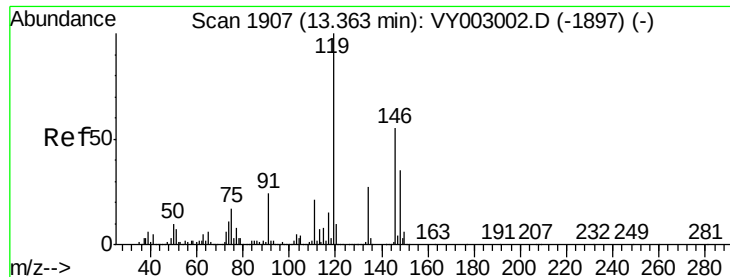
0

13.37

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.005 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

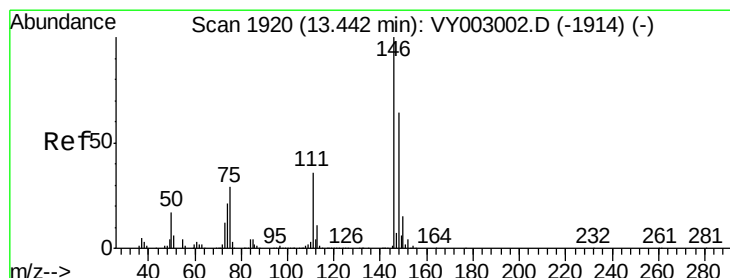
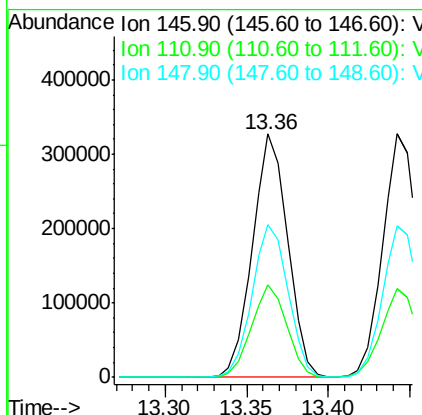
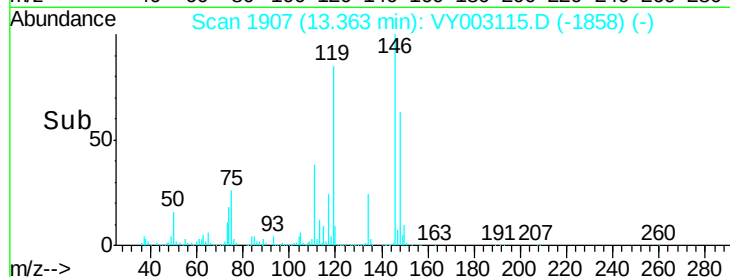
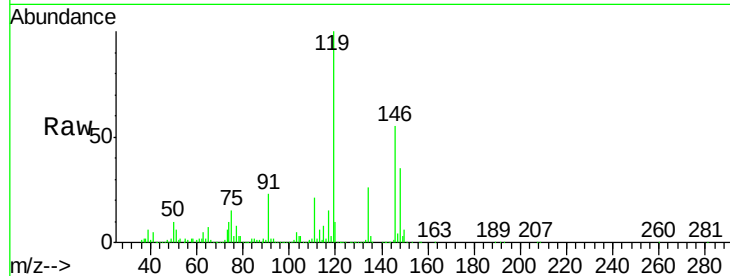
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	63.9	31.8	95.3

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#88

1,4-Dichlorobenzene

Concen: 51.335 ug/l

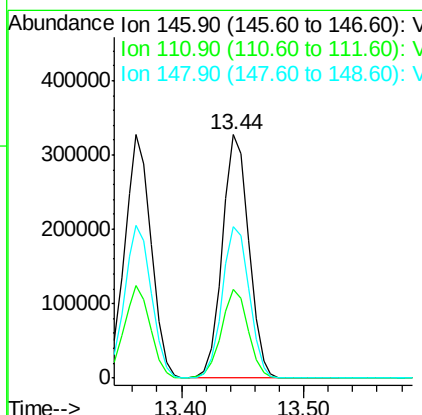
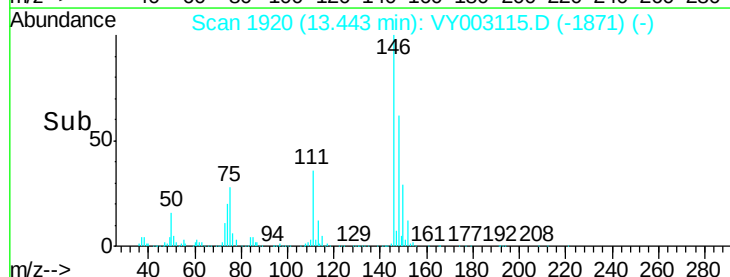
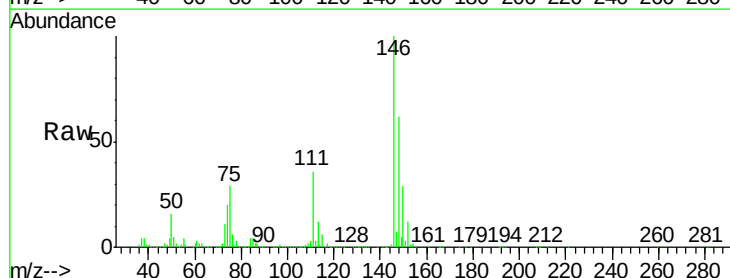
RT: 13.44 min Scan# 1920

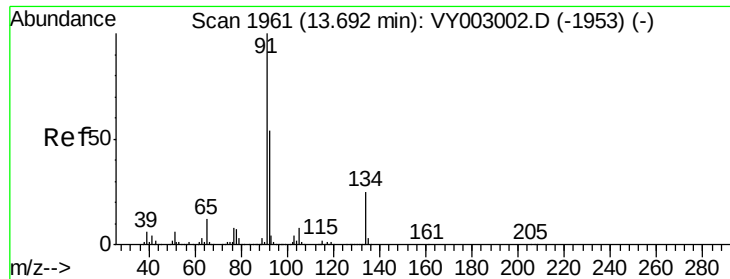
Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.4
148	63.6	32.3	96.9





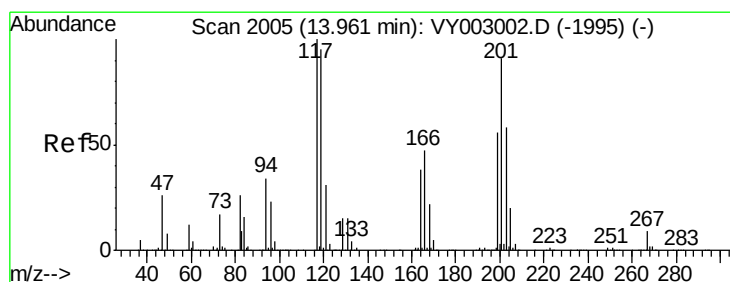
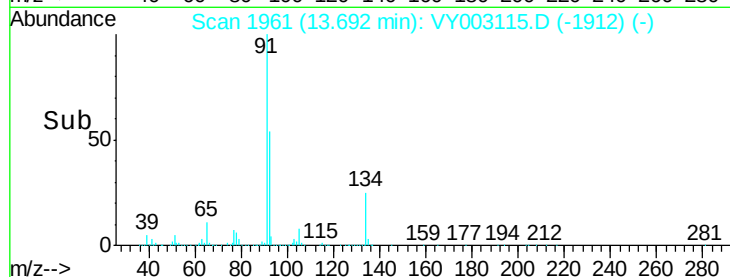
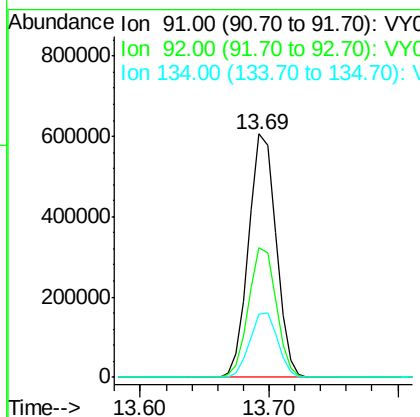
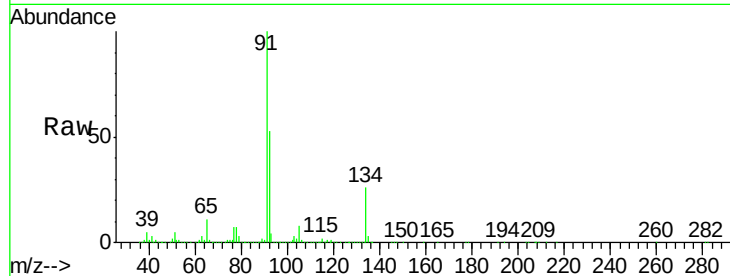
#89
n-Butylbenzene
Concen: 48.865 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	26.9	13.1	39.1

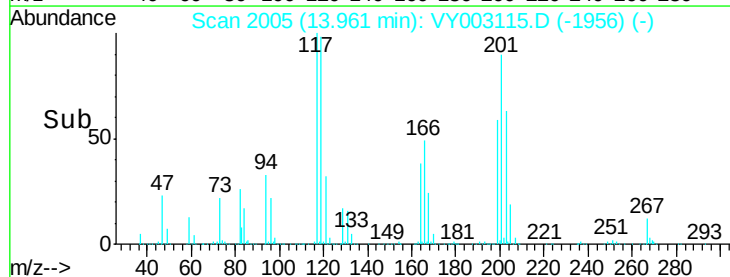
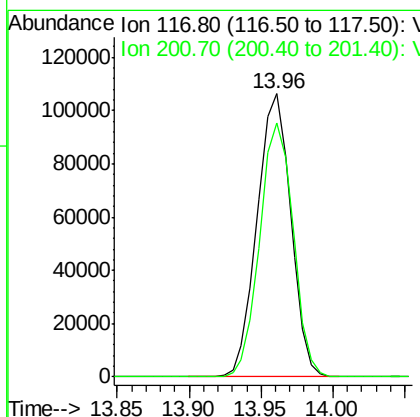
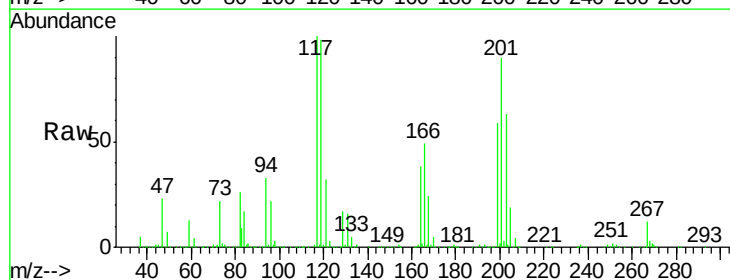
Manual Integrations
APPROVED

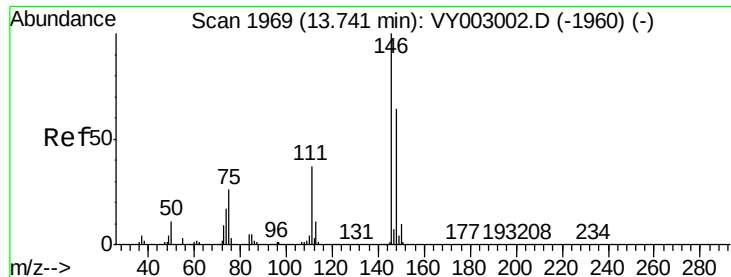
MMDadoda
7/7/2020 11:12:06 AM



#90
Hexachloroethane
Concen: 45.605 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	45.5	136.4





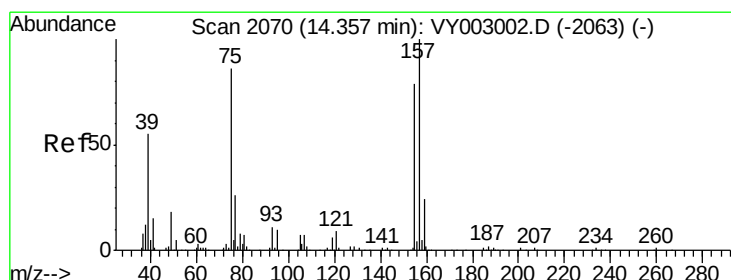
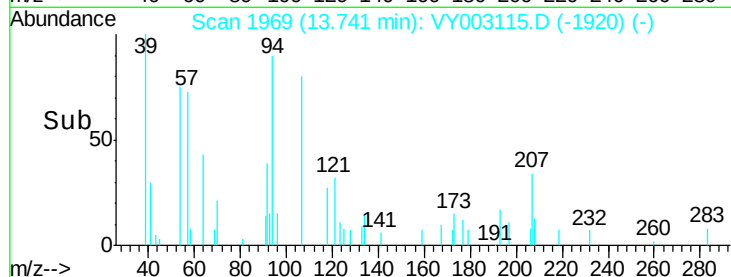
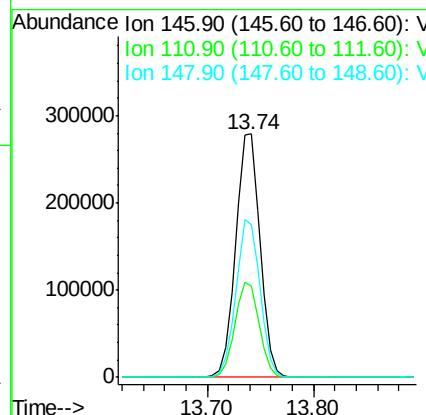
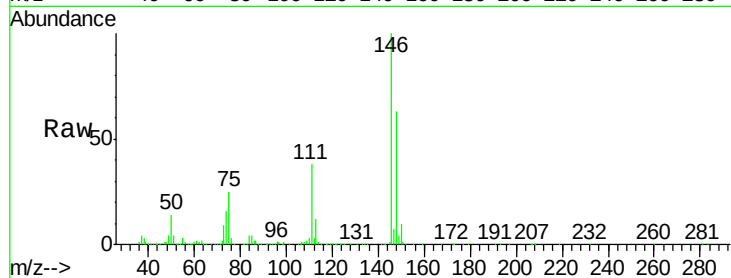
#91
 1,2-Dichlorobenzene
 Concen: 51.725 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.3	31.8	95.3

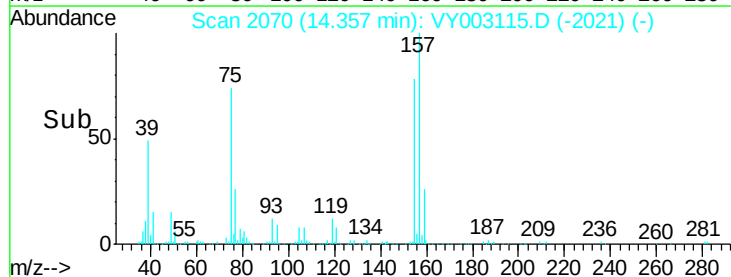
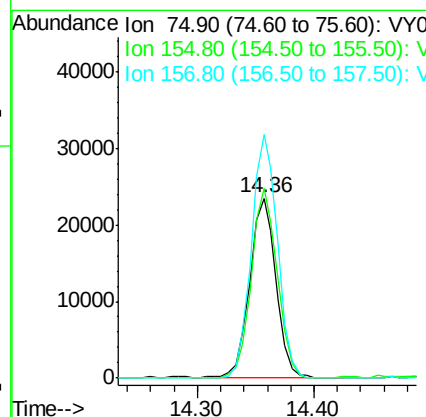
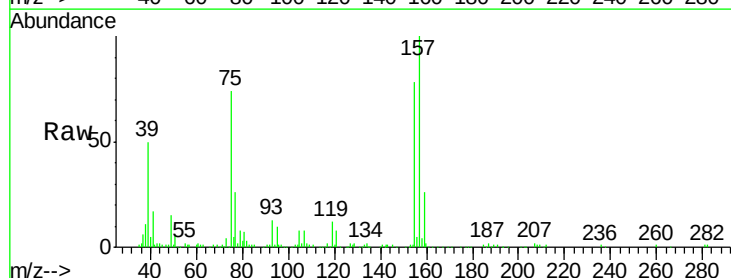
Manual Integrations
 APPROVED

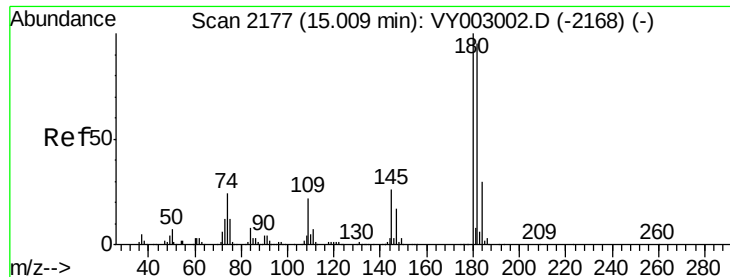
MMDadoda
 7/7/2020 11:12:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.560 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.1	46.5	139.3
157	132.8	59.2	177.5





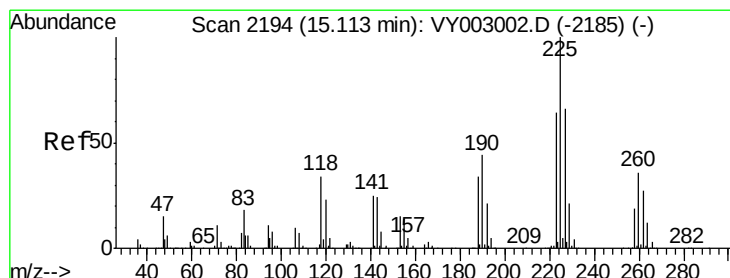
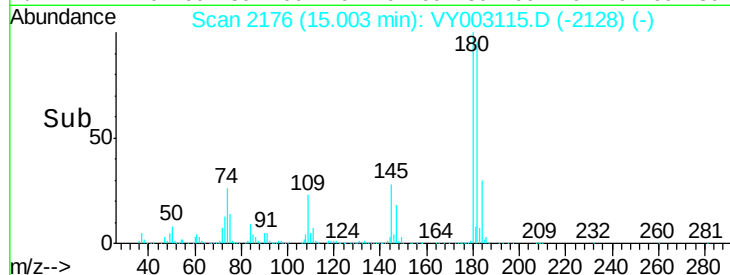
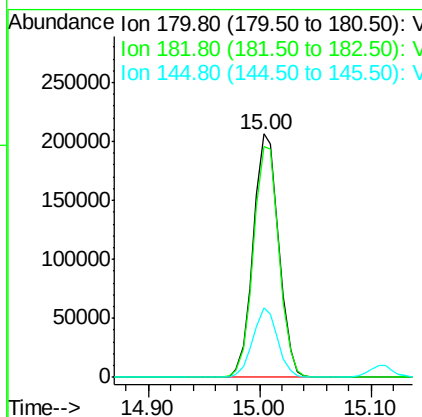
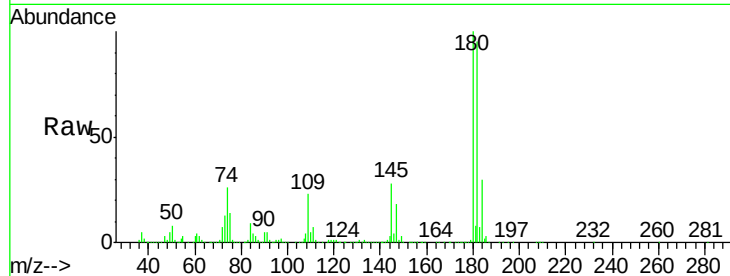
#93
 1,2,4-Trichlorobenzene
 Concen: 50.971 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	48.1	144.3	
145	27.9	13.9	41.6	

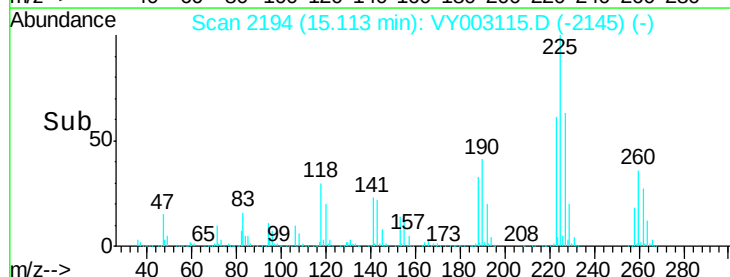
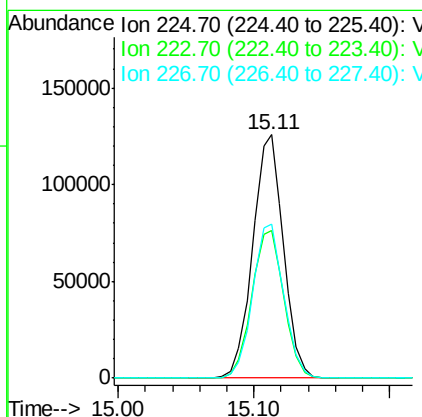
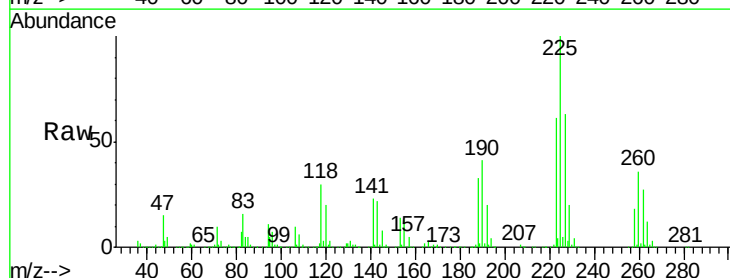
Manual Integrations
 APPROVED

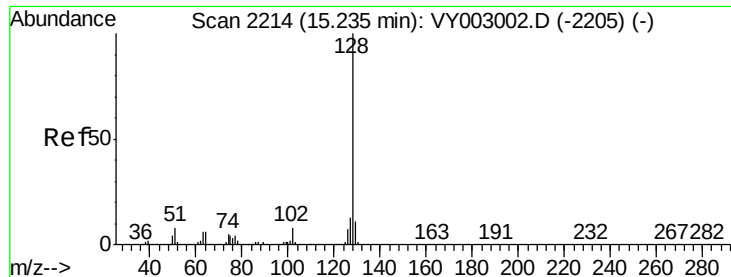
MMDadoda
 7/7/2020 11:12:06 AM



#94
 Hexachlorobutadiene
 Concen: 48.838 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	32.4	97.0	
227	64.1	32.4	97.2	





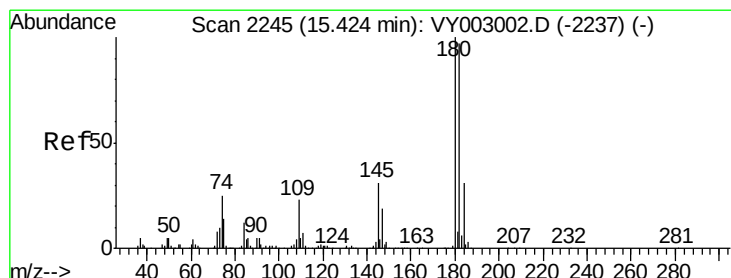
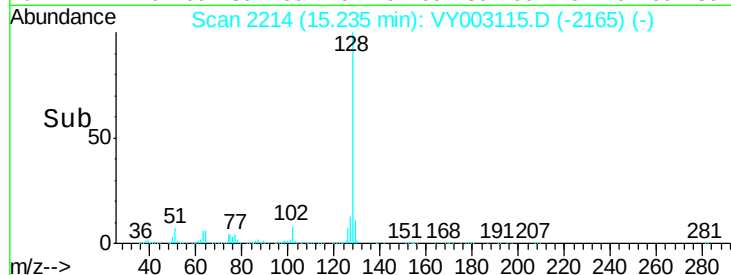
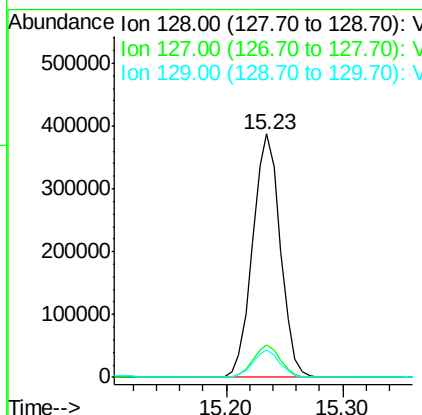
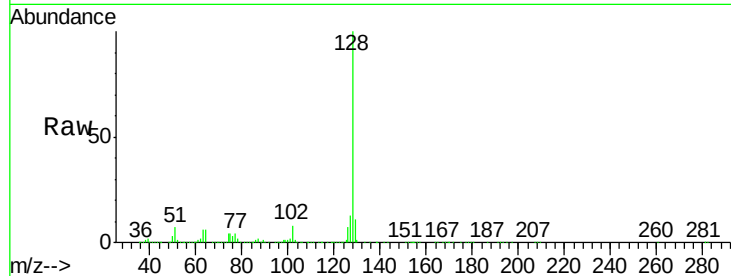
#95
Naphthalene
Concen: 54.332 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.694 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	29.0	14.7	44.1

